

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/23/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	18.81	20.78	21.33	22.61	22.74	19.64	25.85	35.26	33.28	30.83	28.01	26.15	24.59	27.70	29.52	50.91	54.66	39.61	38.74	40.25	37.77	43.90	36.50	31.88
24138	1.22	1.43	1.49	1.54	1.53	1.30	1.76	2.48	2.47	2.49	2.32	2.15	2.07	2.47	2.64	4.34	4.59	3.10	2.97	2.93	2.58	2.68	2.24	2.01
	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
74TH STREET_GT_1	18.87	20.85	21.43	22.67	22.82	19.70	25.91	35.37	33.43	30.92	28.04	26.19	24.67	27.77	29.54	50.96	54.72	39.65	38.78	40.32	37.96	44.13	36.72	32.05
24260	1.28	1.50	1.58	1.61	1.61	1.36	1.82	2.59	2.62	2.58	2.35	2.19	2.15	2.54	2.66	4.39	4.64	3.14	3.02	3.01	2.77	2.91	2.46	2.17
	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
74TH STREET_GT_2	18.87	20.85	21.43	22.67	22.82	19.70	25.91	35.37	33.43	30.92	28.04	26.19	24.67	27.77	29.54	50.96	54.72	39.65	38.78	40.32	37.96	44.13	36.72	32.05
24261	1.28	1.50	1.58	1.61	1.61	1.36	1.82	2.59	2.62	2.58	2.35	2.19	2.15	2.54	2.66	4.39	4.64	3.14	3.02	3.01	2.77	2.91	2.46	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	18.56	20.50	21.07	22.38	22.58	19.47	25.75	35.22	33.00	30.25	27.07	25.09	23.54	26.46	28.10	48.97	53.05	38.66	37.94	39.80	37.47	43.75	36.25	31.58
24011	0.97	1.15	1.23	1.32	1.37	1.14	1.66	2.44	2.19	1.91	1.38	1.09	1.02	1.23	1.22	2.40	2.98	2.15	2.18	2.48	2.28	2.53	1.99	1.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	18.63	20.59	21.17	22.49	22.71	19.56	25.91	35.47	33.21	30.51	27.23	25.17	23.64	26.59	28.24	49.22	53.38	38.89	38.17	40.13	37.78	44.01	36.44	31.71
23798	1.03	1.24	1.33	1.43	1.50	1.23	1.82	2.69	2.40	2.17	1.54	1.17	1.11	1.36	1.36	2.65	3.31	2.37	2.41	2.81	2.59	2.79	2.18	1.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	18.56	20.50	21.07	22.38	22.58	19.47	25.75	35.22	33.00	30.25	27.07	25.09	23.54	26.46	28.10	48.97	53.05	38.66	37.94	39.80	37.47	43.75	36.25	31.58
24028	0.97	1.15	1.23	1.32	1.37	1.14	1.66	2.44	2.19	1.91	1.38	1.09	1.02	1.23	1.22	2.40	2.98	2.15	2.18	2.48	2.28	2.53	1.99	1.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	18.70	20.66	21.25	22.56	22.71	19.55	25.59	35.04	33.14	30.31	27.16	25.19	23.50	26.31	28.08	48.60	52.51	38.26	37.48	39.24	37.32	43.72	36.28	31.63
23527	1.11	1.31	1.40	1.50	1.50	1.21	1.50	2.26	2.33	1.97	1.47	1.19	0.97	1.08	1.20	2.03	2.43	1.75	1.72	1.93	2.13	2.49	2.02	1.75
	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
AIR_PRODUCTS___DRP	17.94	19.84	20.45	21.71	21.80	18.81	24.78	33.83	31.76	29.14	26.28	24.48	22.94	25.73	27.47	47.56	51.27	37.36	36.65	38.21	36.06	42.09	34.92	30.45
24190	0.35	0.49	0.60	0.65	0.59	0.48	0.69	1.05	0.95	0.80	0.59	0.48	0.42	0.50	0.59	0.99	1.20	0.84	0.89	0.89	0.86	0.87	0.65	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	17.73	19.39	19.80	21.03	21.22	18.37	24.19	32.93	30.98	28.57	25.96	24.29	22.77	25.33	26.88	46.66	50.17	36.82	35.95	37.58	35.65	42.04	34.94	30.28
355683	0.13	0.04	-0.04	-0.04	0.01	0.04	0.10	0.16	0.17	0.24	0.26	0.28	0.25	0.10	0.00	0.09	0.10	0.31	0.18	0.26	0.46	0.82	0.68	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	18.29	20.22	20.81	22.09	22.20	19.15	25.23	34.44	32.27	29.40	26.45	24.69	23.13	25.96	27.73	48.05	51.96	37.97	37.27	38.86	36.65	42.80	35.55	31.03
323833	0.69	0.87	0.97	1.03	0.99	0.81	1.13	1.66	1.46	1.06	0.76	0.69	0.61	0.73	0.85	1.47	1.88	1.46	1.51	1.55	1.46	1.57	1.29	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	18.28	20.21	20.81	22.09	22.20	19.14	25.22	34.43	32.26	29.40	26.45	24.68	23.13	25.96	27.73	48.04	51.95	37.96	37.26	38.85	36.65	42.79	35.55	31.02
323834	0.69	0.86	0.96	1.03	0.99	0.80	1.13	1.65	1.45	1.05	0.76	0.68	0.61	0.73	0.85	1.47	1.87	1.45	1.50	1.53	1.46	1.56	1.28	1.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	17.94	19.84	20.45	21.71	21.80	18.81	24.78	33.83	31.76	29.14	26.28	24.48	22.94	25.73	27.47	47.56	51.27	37.36	36.65	38.21	36.06	42.09	34.92	30.45
23571	0.35	0.49	0.60	0.65	0.59	0.48	0.69	1.05	0.95	0.80	0.59	0.48	0.42	0.50	0.59	0.99	1.20	0.84	0.89	0.89	0.86	0.87	0.65	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	17.94 0.35 0.00	19.84 0.49 0.00	20.45 0.60 0.00	21.71 0.65 0.00	21.80 0.59 0.00	18.81 0.48 0.00	24.78 0.69 0.00	33.83 1.05 0.00	31.76 0.95 0.00	29.14 0.80 0.00	26.28 0.59 0.00	24.48 0.48 0.00	22.94 0.42 0.00	25.73 0.50 0.00	27.47 0.59 0.00	47.56 0.99 0.00	51.27 1.20 0.00	37.36 0.84 0.00	36.65 0.89 0.00	38.21 0.89 0.00	36.06 0.86 0.00	42.09 0.87 0.00	34.92 0.65 0.00	30.45 0.57 0.00
ALBANY___3 23573	17.94 0.35 0.00	19.84 0.49 0.00	20.45 0.60 0.00	21.71 0.65 0.00	21.80 0.59 0.00	18.81 0.48 0.00	24.78 0.69 0.00	33.83 1.05 0.00	31.76 0.95 0.00	29.14 0.80 0.00	26.28 0.59 0.00	24.48 0.48 0.00	22.94 0.42 0.00	25.73 0.50 0.00	27.47 0.59 0.00	47.56 0.99 0.00	51.27 1.20 0.00	37.36 0.84 0.00	36.65 0.89 0.00	38.21 0.89 0.00	36.06 0.86 0.00	42.09 0.87 0.00	34.92 0.65 0.00	30.45 0.57 0.00
ALBANY___4 23574	17.94 0.35 0.00	19.84 0.49 0.00	20.45 0.60 0.00	21.71 0.65 0.00	21.80 0.59 0.00	18.81 0.48 0.00	24.78 0.69 0.00	33.83 1.05 0.00	31.76 0.95 0.00	29.14 0.80 0.00	26.28 0.59 0.00	24.48 0.48 0.00	22.94 0.42 0.00	25.73 0.50 0.00	27.47 0.59 0.00	47.56 0.99 0.00	51.27 1.20 0.00	37.36 0.84 0.00	36.65 0.89 0.00	38.21 0.89 0.00	36.06 0.86 0.00	42.09 0.87 0.00	34.92 0.65 0.00	30.45 0.57 0.00
ALBANY___LFGE 323615	18.12 0.53 0.00	20.03 0.68 0.00	20.63 0.79 0.00	21.90 0.84 0.00	22.01 0.80 0.00	18.98 0.65 0.00	25.04 0.94 0.00	34.17 1.39 0.00	32.09 1.28 0.00	29.44 1.10 0.00	26.54 0.85 0.00	24.72 0.72 0.00	23.17 0.65 0.00	26.00 0.77 0.00	27.76 0.88 0.00	48.10 1.53 0.00	51.87 1.80 0.00	37.79 1.28 0.00	37.06 1.30 0.00	38.64 1.32 0.00	36.45 1.25 0.00	42.53 1.31 0.00	35.28 1.02 0.00	30.76 0.89 0.00
ALCOA_PA_115KV_PL-6C 55860	17.82 0.22 0.00	19.48 0.12 0.00	20.59 0.04 -0.71	22.39 0.04 -1.28	22.60 0.11 -1.28	19.65 0.12 -1.20	25.69 0.23 -1.37	34.74 0.32 -1.64	32.71 0.32 -1.58	30.20 0.36 -1.50	27.48 0.36 -1.42	25.76 0.38 -1.37	24.20 0.35 -1.33	26.84 0.20 -1.41	28.04 0.10 -1.06	47.67 0.31 -0.79	52.42 0.36 -1.99	37.30 0.52 -0.27	36.16 0.39 0.00	38.38 0.48 -0.58	35.86 0.66 0.00	42.29 1.07 0.00	35.15 0.88 0.00	30.45 0.57 0.00
ALCOA_RYNLDS___DRP 24188	17.82 0.22 0.00	19.48 0.12 0.00	20.59 0.04 -0.71	22.39 0.04 -1.28	22.60 0.11 -1.28	19.65 0.12 -1.20	25.69 0.23 -1.37	34.74 0.32 -1.64	32.71 0.32 -1.58	30.20 0.36 -1.50	27.48 0.36 -1.42	25.76 0.38 -1.37	24.20 0.35 -1.33	26.84 0.20 -1.41	28.04 0.10 -1.06	47.67 0.31 -0.79	52.42 0.36 -1.99	37.30 0.52 -0.27	36.16 0.39 0.00	38.38 0.48 -0.58	35.86 0.66 0.00	42.29 1.07 0.00	35.15 0.88 0.00	30.45 0.57 0.00
ALCOA___DSASP 323711	17.82 0.22 0.00	19.48 0.13 0.00	20.60 0.04 -0.71	22.39 0.04 -1.28	22.60 0.11 -1.28	19.65 0.12 -1.20	25.69 0.23 -1.37	34.74 0.32 -1.64	32.71 0.32 -1.58	30.20 0.36 -1.50	27.48 0.36 -1.42	25.76 0.38 -1.37	24.20 0.35 -1.33	26.84 0.20 -1.41	28.04 0.11 -1.06	47.69 0.32 -0.79	52.42 0.36 -1.99	37.30 0.52 -0.27	36.15 0.38 0.00	38.38 0.48 -0.58	35.86 0.67 0.00	42.29 1.07 0.00	35.14 0.88 0.00	30.45 0.57 0.00
ALLEGHENY___COGEN 23514	17.27 -0.32 0.00	22.27 -0.47 -3.39	19.79 -0.57 -0.51	21.12 -0.64 -0.69	20.73 -0.47 0.00	18.15 -0.32 -0.14	28.25 -0.28 -4.43	44.38 -0.23 -11.83	30.67 -0.15 0.00	27.68 -0.66 0.00	25.24 -0.45 0.00	23.61 -0.39 0.00	22.12 -0.41 0.00	24.77 -0.46 0.00	36.66 -0.70 -10.49	59.57 -1.01 -14.01	97.07 -0.40 -47.40	55.41 -0.18 -19.07	59.20 0.12 -23.31	46.27 0.49 -8.46	41.06 0.00 -5.86	43.67 -0.09 -2.54	34.89 -0.15 -0.78	29.89 0.02 0.00
ALTAMONT_115KV_TB 2 55880	18.14 0.55 0.00	20.04 0.69 0.00	20.62 0.78 0.00	21.90 0.84 0.00	22.02 0.81 0.00	18.99 0.65 0.00	24.98 0.89 0.00	34.10 1.32 0.00	32.04 1.22 0.00	29.41 1.07 0.00	26.55 0.86 0.00	24.74 0.74 0.00	23.20 0.67 0.00	26.04 0.81 0.00	27.78 0.89 0.00	48.09 1.52 0.00	51.79 1.72 0.00	37.73 1.22 0.00	37.02 1.25 0.00	38.60 1.28 0.00	36.40 1.21 0.00	42.50 1.28 0.00	35.30 1.03 0.00	30.80 0.92 0.00
ALTONA_WT_PWR 323606	17.82 0.23 0.00	19.30 -0.06 0.00	-3.81 -0.39 23.27	-21.03 -0.42 41.68	-21.05 -0.41 41.86	-21.08 -0.34 39.08	-21.05 -0.32 44.82	-21.03 -0.38 53.42	-21.08 -0.36 51.54	-21.12 -0.40 49.07	-21.16 -0.42 46.43	-21.15 -0.36 44.80	-21.13 -0.29 43.36	-21.10 -0.45 45.88	-8.20 -0.58 34.49	20.23 -0.60 25.75	-15.63 -0.80 64.91	27.30 -0.27 8.94	35.67 -0.10 0.00	17.92 -0.34 19.06	35.59 0.39 0.00	42.14 0.92 0.00	35.03 0.77 0.00	30.42 0.54 0.00
AMERICAN_REF_FUEL 24010	16.14 -1.46 0.00	16.81 -1.71 0.83	17.80 -1.92 0.13	18.80 -2.09 0.17	19.30 -1.91 0.00	16.70 -1.61 0.03	20.92 -2.08 1.10	26.82 -3.03 2.93	28.04 -2.77 0.00	26.08 -2.26 0.00	23.97 -1.72 0.00	22.66 -1.34 0.00	21.18 -1.35 0.00	23.47 -1.76 0.00	22.42 -1.87 2.60	39.45 -3.65 3.47	34.36 -3.97 11.74	28.75 -3.04 4.72	27.05 -2.94 5.78	32.26 -2.96 2.10	30.81 -2.93 1.45	36.35 -3.71 1.15	31.33 -2.73 0.19	27.77 -2.10 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.10 -1.49 0.00	16.82 -1.68 0.85	17.77 -1.94 0.13	18.57 -2.13 0.36	19.39 -1.82 0.00	16.78 -1.52 0.03	21.02 -1.95 1.12	27.10 -2.69 2.99	28.60 -2.22 0.00	26.70 -1.64 0.00	24.58 -1.11 0.00	23.21 -0.79 0.00	21.70 -0.82 0.00	24.14 -1.09 0.00	22.75 -1.46 2.67	40.23 -2.78 3.57	34.97 -3.04 12.06	29.34 -2.33 4.85	28.14 -1.69 5.93	33.55 -1.61 2.15	31.98 -1.73 1.49	38.47 -1.61 1.14	32.46 -1.60 0.20	28.80 -1.08 0.00
ARTHUR KILL_GT_1 23520	18.86 1.27 0.00	20.84 1.49 0.00	21.38 1.54 0.00	22.65 1.59 0.00	22.80 1.59 0.00	19.68 1.35 0.00	25.90 1.81 0.00	35.32 2.54 0.00	33.26 2.45 0.00	30.75 2.41 0.00	27.91 2.22 0.00	26.02 2.02 0.00	24.41 1.89 0.00	27.50 2.27 0.00	29.31 2.43 0.00	50.26 3.70 0.01	54.20 4.12 0.00	39.40 2.88 0.00	38.53 2.76 0.00	40.08 2.76 0.00	37.71 2.51 0.00	43.68 2.46 0.00	36.41 2.15 0.00	31.95 2.07 0.00
ARTHUR_KILL_2 23512	18.81 1.22 0.00	20.79 1.43 0.00	21.33 1.48 0.00	22.60 1.54 0.00	22.74 1.53 0.00	19.64 1.30 0.00	25.83 1.74 0.00	35.22 2.44 0.00	33.17 2.36 0.00	30.68 2.34 0.00	27.86 2.16 0.00	25.96 1.96 0.00	24.36 1.84 0.00	27.44 2.21 0.00	29.24 2.36 0.00	50.14 3.57 0.01	54.04 3.97 0.00	39.27 2.76 0.00	38.41 2.65 0.00	39.96 2.64 0.00	37.59 2.40 0.00	43.56 2.34 0.00	36.31 2.05 0.00	31.86 1.99 0.00
ARTHUR_KILL_3 23513	18.68 1.09 0.00	20.65 1.30 0.00	21.19 1.35 0.00	22.45 1.39 0.00	22.59 1.39 0.00	19.50 1.17 0.00	25.63 1.53 0.00	34.92 2.14 0.00	32.92 2.11 0.00	30.47 2.13 0.00	27.68 1.99 0.00	25.84 1.84 0.00	24.28 1.76 0.00	27.37 2.14 0.00	29.18 2.29 0.00	50.27 3.70 0.00	53.98 3.91 0.00	39.11 2.60 0.00	38.28 2.51 0.00	39.78 2.46 0.00	37.36 2.16 0.00	43.45 2.23 0.00	36.17 1.91 0.00	31.63 1.75 0.00

[illegible]

ASTORIA_GT4_4 24105	18.81 1.22 0.00	20.80 1.45 0.00	21.33 1.49 0.00	22.61 1.54 0.00	22.74 1.53 0.00	19.65 1.32 0.00	25.75 1.66 0.00	35.20 2.42 0.00	33.24 2.43 0.00	30.72 2.37 0.00	27.96 2.27 0.00	26.04 2.03 0.00	24.41 1.89 0.00	27.50 2.27 0.00	29.31 2.43 0.00	50.42 3.85 0.00	54.14 4.06 0.00	39.31 2.80 0.00	38.51 2.74 0.00	39.98 2.66 0.00	37.62 2.28 -0.14	43.64 2.42 0.00	36.36 2.10 0.00	31.78 1.90 0.00
ASTORIA_GT_1 23523	18.85 1.25 0.00	20.83 1.48 0.00	21.36 1.52 0.00	22.63 1.57 0.00	22.77 1.56 0.00	19.68 1.35 0.00	25.83 1.74 0.00	35.26 2.48 0.00	33.31 2.50 0.00	30.77 2.43 0.00	28.02 2.32 0.00	26.09 2.08 0.00	24.46 1.94 0.00	27.56 2.33 0.00	29.37 2.49 0.00	50.53 3.95 0.00	54.25 4.18 0.00	39.39 2.88 0.00	38.61 2.85 0.00	40.06 2.74 0.00	37.68 2.35 -0.14	43.72 2.50 0.00	36.42 2.16 0.00	31.83 1.95 0.00
ASTORIA_GT_10 24110	18.78 1.19 0.00	20.75 1.39 0.00	21.30 1.45 0.00	22.56 1.50 0.00	22.70 1.49 0.00	19.59 1.25 0.00	25.72 1.63 0.00	35.11 2.33 0.00	33.15 2.34 0.00	30.68 2.33 0.00	27.88 2.18 0.00	26.01 2.01 0.00	24.43 1.91 0.00	27.51 2.28 0.00	29.33 2.45 0.00	50.52 3.95 0.00	54.24 4.17 0.00	39.35 2.83 0.00	38.49 2.72 0.00	40.00 2.69 0.00	37.55 2.35 0.00	43.66 2.44 0.00	36.34 2.08 0.00	31.76 1.88 0.00
ASTORIA_GT_11 24225	18.78 1.19 0.00	20.75 1.39 0.00	21.30 1.45 0.00	22.56 1.50 0.00	22.70 1.49 0.00	19.59 1.25 0.00	25.72 1.63 0.00	35.11 2.33 0.00	33.15 2.34 0.00	30.68 2.33 0.00	27.88 2.18 0.00	26.01 2.01 0.00	24.43 1.91 0.00	27.51 2.28 0.00	29.33 2.45 0.00	50.52 3.95 0.00	54.24 4.17 0.00	39.35 2.83 0.00	38.49 2.72 0.00	40.00 2.69 0.00	37.55 2.35 0.00	43.66 2.44 0.00	36.34 2.08 0.00	31.76 1.88 0.00
ASTORIA_GT_12 24226	18.78 1.19 0.00	20.75 1.39 0.00	21.30 1.45 0.00	22.56 1.50 0.00	22.70 1.49 0.00	19.59 1.25 0.00	25.72 1.63 0.00	35.11 2.33 0.00	33.15 2.34 0.00	30.68 2.33 0.00	27.88 2.18 0.00	26.01 2.01 0.00	24.43 1.91 0.00	27.51 2.28 0.00	29.33 2.45 0.00	50.52 3.95 0.00	54.24 4.17 0.00	39.35 2.83 0.00	38.49 2.72 0.00	40.00 2.69 0.00	37.55 2.35 0.00	43.66 2.44 0.00	36.34 2.08 0.00	31.76 1.88 0.00
ASTORIA_GT_13 24227	18.78 1.19 0.00	20.75 1.39 0.00	21.30 1.45 0.00	22.56 1.50 0.00	22.70 1.49 0.00	19.59 1.25 0.00	25.72 1.63 0.00	35.11 2.33 0.00	33.15 2.34 0.00	30.68 2.33 0.00	27.88 2.18 0.00	26.01 2.01 0.00	24.43 1.91 0.00	27.51 2.28 0.00	29.33 2.45 0.00	50.52 3.95 0.00	54.24 4.17 0.00	39.35 2.83 0.00	38.49 2.72 0.00	40.00 2.69 0.00	37.55 2.35 0.00	43.66 2.44 0.00	36.34 2.08 0.00	31.76 1.88 0.00
ASTORIA_GT_5 24106	18.84 1.25 0.00	20.83 1.48 0.00	21.36 1.52 0.00	22.63 1.57 0.00	22.77 1.56 0.00	19.68 1.34 0.00	25.80 1.71 0.00	35.25 2.47 0.00	33.31 2.50 0.00	30.77 2.43 0.00	28.02 2.33 0.00	26.09 2.08 0.00	24.46 1.93 0.00	27.56 2.33 0.00	29.38 2.50 0.00	50.52 3.95 0.00	54.26 4.18 0.00	39.39 2.88 0.00	38.59 2.83 0.00	40.06 2.74 0.00	37.69 2.35 -0.14	43.72 2.50 0.00	36.42 2.16 0.00	31.83 1.96 0.00
ASTORIA_GT_7 24107	18.84 1.25 0.00	20.83 1.48 0.00	21.36 1.52 0.00	22.63 1.57 0.00	22.77 1.56 0.00	19.68 1.34 0.00	25.80 1.71 0.00	35.25 2.47 0.00	33.31 2.50 0.00	30.77 2.43 0.00	28.02 2.33 0.00	26.09 2.08 0.00	24.46 1.93 0.00	27.56 2.33 0.00	29.38 2.50 0.00	50.52 3.95 0.00	54.26 4.18 0.00	39.39 2.88 0.00	38.59 2.83 0.00	40.06 2.74 0.00	37.69 2.35 -0.14	43.72 2.50 0.00	36.42 2.16 0.00	31.83 1.96 0.00
ASTORIA_GT_8 24108	18.84 1.25 0.00	20.83 1.48 0.00	21.36 1.52 0.00	22.63 1.57 0.00	22.77 1.56 0.00	19.68 1.34 0.00	25.80 1.71 0.00	35.25 2.47 0.00	33.31 2.50 0.00	30.77 2.43 0.00	28.02 2.33 0.00	26.09 2.08 0.00	24.46 1.93 0.00	27.56 2.33 0.00	29.38 2.50 0.00	50.52 3.95 0.00	54.26 4.18 0.00	39.39 2.88 0.00	38.59 2.83 0.00	40.06 2.74 0.00	37.69 2.35 -0.14	43.72 2.50 0.00	36.42 2.16 0.00	31.83 1.96 0.00
ASTORIA___2 24149	18.81 1.22 0.00	20.80 1.45 0.00	21.33 1.49 0.00	22.61 1.55 0.00	22.74 1.53 0.00	19.65 1.32 0.00	25.79 1.70 0.00	35.19 2.42 0.00	33.25 2.43 0.00	30.72 2.37 0.00	27.96 2.27 0.00	26.04 2.03 0.00	24.41 1.89 0.00	27.50 2.27 0.00	29.31 2.43 0.00	50.41 3.84 0.00	54.13 4.06 0.00	39.31 2.80 0.00	38.52 2.76 0.00	39.98 2.66 0.00	37.61 2.28 -0.14	43.63 2.41 0.00	36.36 2.10 0.00	31.77 1.89 0.00
ASTORIA___3 23516	18.78 1.19 0.00	20.75 1.39 0.00	21.30 1.45 0.00	22.56 1.50 0.00	22.70 1.49 0.00	19.58 1.25 0.00	25.74 1.65 0.00	35.10 2.32 0.00	33.15 2.34 0.00	30.68 2.34 0.00	27.88 2.18 0.00	26.01 2.01 0.00	24.44 1.91 0.00	27.51 2.28 0.00	29.33 2.45 0.00	50.51 3.94 0.00	54.24 4.17 0.00	39.34 2.83 0.00	38.49 2.72 0.00	40.01 2.69 0.00	37.54 2.35 0.00	43.66 2.44 0.00	36.35 2.09 0.00	31.75 1.87 0.00
ASTORIA___4 23517	18.78 1.19 0.00	20.75 1.39 0.00	21.30 1.45 0.00	22.56 1.50 0.00	22.70 1.49 0.00	19.59 1.25 0.00	25.72 1.63 0.00	35.11 2.33 0.00	33.15 2.34 0.00	30.68 2.33 0.00	27.88 2.18 0.00	26.01 2.01 0.00	24.43 1.91 0.00	27.51 2.28 0.00	29.33 2.45 0.00	50.52 3.95 0.00	54.24 4.17 0.00	39.35 2.83 0.00	38.49 2.72 0.00	40.00 2.69 0.00	37.55 2.35 0.00	43.66 2.44 0.00	36.34 2.08 0.00	31.76 1.88 0.00
ASTORIA___5 23518	18.78 1.19 0.00	20.75 1.39 0.00	21.30 1.45 0.00	22.56 1.50 0.00	22.70 1.49 0.00	19.58 1.25 0.00	25.74 1.65 0.00	35.10 2.32 0.00	33.15 2.34 0.00	30.68 2.34 0.00	27.88 2.18 0.00	26.01 2.01 0.00	24.44 1.91 0.00	27.51 2.28 0.00	29.33 2.45 0.00	50.51 3.94 0.00	54.24 4.17 0.00	39.34 2.83 0.00	38.49 2.72 0.00	40.01 2.69 0.00	37.54 2.35 0.00	43.66 2.44 0.00	36.34 2.08 0.00	31.75 1.87 0.00
AST_ENERGY_2_CC3 323677	18.72 1.12 0.00	20.71 1.35 0.00	21.26 1.41 0.00	22.52 1.46 0.00	22.66 1.45 0.00	19.56 1.22 0.00	25.71 1.62 0.00	35.04 2.26 0.00	33.05 2.24 0.00	30.59 2.25 0.00	27.76 2.07 0.00	25.93 1.92 0.00	24.36 1.84 0.00	27.45 2.22 0.00	29.26 2.38 0.00	50.42 3.85 0.00	54.16 4.08 0.00	39.25 2.74 0.00	38.40 2.64 0.00	39.93 2.61 0.00	37.51 2.32 0.00	43.63 2.41 0.00	36.33 2.07 0.00	31.74 1.86 0.00
AST_ENERGY_2_CC4 323678	18.72 1.12 0.00	20.71 1.35 0.00	21.26 1.41 0.00	22.52 1.46 0.00	22.66 1.45 0.00	19.56 1.22 0.00	25.71 1.62 0.00	35.04 2.26 0.00	33.05 2.24 0.00	30.59 2.25 0.00	27.76 2.07 0.00	25.93 1.92 0.00	24.36 1.84 0.00	27.45 2.22 0.00	29.26 2.38 0.00	50.42 3.85 0.00	54.16 4.08 0.00	39.25 2.74 0.00	38.40 2.64 0.00	39.93 2.61 0.00	37.51 2.32 0.00	43.63 2.41 0.00	36.33 2.07 0.00	31.74 1.86 0.00

ATHENS_STG_1 23668	18.24 0.64 0.00	20.16 0.80 0.00	20.73 0.89 0.00	22.01 0.95 0.00	22.14 0.92 0.00	19.07 0.73 0.00	25.06 0.97 0.00	34.19 1.41 0.00	32.17 1.36 0.00	29.63 1.29 0.00	26.82 1.13 0.00	25.01 1.00 0.00	23.46 0.94 0.00	26.37 1.14 0.00	28.12 1.24 0.00	48.60 2.02 0.00	52.22 2.14 0.00	37.95 1.43 0.00	37.20 1.44 0.00	38.77 1.45 0.00	36.52 1.32 0.00	42.61 1.39 0.00	35.42 1.15 0.00	30.93 1.05 0.00
ATHENS_STG_2 23670	18.24 0.64 0.00	20.16 0.80 0.00	20.73 0.89 0.00	22.01 0.95 0.00	22.14 0.92 0.00	19.07 0.73 0.00	25.06 0.97 0.00	34.19 1.41 0.00	32.17 1.36 0.00	29.63 1.29 0.00	26.82 1.13 0.00	25.01 1.00 0.00	23.46 0.94 0.00	26.37 1.14 0.00	28.12 1.24 0.00	48.60 2.02 0.00	52.22 2.14 0.00	37.95 1.43 0.00	37.20 1.44 0.00	38.77 1.45 0.00	36.52 1.32 0.00	42.61 1.39 0.00	35.42 1.15 0.00	30.93 1.05 0.00
ATHENS_STG_3 23677	18.24 0.64 0.00	20.16 0.80 0.00	20.73 0.89 0.00	22.01 0.95 0.00	22.14 0.92 0.00	19.07 0.73 0.00	25.06 0.97 0.00	34.19 1.41 0.00	32.17 1.36 0.00	29.63 1.29 0.00	26.82 1.13 0.00	25.01 1.00 0.00	23.46 0.94 0.00	26.37 1.14 0.00	28.12 1.24 0.00	48.60 2.02 0.00	52.22 2.14 0.00	37.95 1.43 0.00	37.20 1.44 0.00	38.77 1.45 0.00	36.52 1.32 0.00	42.61 1.39 0.00	35.42 1.15 0.00	30.93 1.05 0.00
AUBURN___LFGE 323710	17.47 -0.12 0.00	19.26 -0.10 0.00	19.81 -0.03 0.00	20.86 -0.20 0.00	20.89 -0.32 0.00	18.18 -0.16 0.00	23.90 -0.19 0.00	32.41 -0.37 0.00	30.42 -0.40 0.00	27.73 -0.61 0.00	25.13 -0.57 0.00	23.51 -0.49 0.00	22.19 -0.34 0.00	24.79 -0.44 0.00	26.57 -0.31 0.00	46.13 -0.44 0.00	49.71 -0.36 0.00	36.21 -0.30 0.00	35.50 -0.26 0.00	37.09 -0.23 0.00	34.83 -0.37 0.00	40.52 -0.71 0.00	33.78 -0.48 0.00	29.54 -0.34 0.00
BABYLON_RES_REC 323704	18.89 1.30 0.00	20.84 1.49 0.00	21.48 1.64 0.00	22.74 1.68 0.00	22.91 1.70 0.00	19.65 1.32 0.00	25.82 1.73 0.00	35.15 2.37 0.00	33.01 2.20 0.00	30.70 2.36 0.00	28.15 2.47 0.00	26.28 2.27 0.00	24.64 2.11 0.00	27.54 2.31 0.00	26.68 2.19 2.39	41.84 3.36 8.09	17.97 3.46 35.56	20.01 2.34 18.84	36.38 2.34 1.73	32.14 2.26 7.43	33.78 2.00 3.42	35.26 2.06 8.03	30.76 1.75 5.26	30.72 1.70 0.85
BABYLON__69_KV_BK2 356345	19.04 1.44 0.00	21.00 1.65 0.00	21.66 1.81 0.00	22.92 1.86 0.00	23.09 1.88 0.00	19.81 1.47 0.00	26.02 1.93 0.00	35.44 2.67 0.00	33.27 2.46 0.00	30.95 2.61 0.00	28.39 2.69 0.00	26.50 2.50 0.00	24.87 2.34 0.00	27.77 2.54 0.00	26.85 2.43 2.45	42.09 3.81 8.29	17.46 3.83 36.43	19.82 2.61 19.30	36.57 2.57 1.77	32.21 2.51 7.62	34.01 2.32 3.50	35.43 2.43 8.22	30.93 2.05 5.39	30.96 1.95 0.87
BALL_HILL_WT_PWR 323825	16.42 -1.17 0.00	16.85 -1.37 1.13	18.10 -1.57 0.17	19.07 -1.74 0.26	19.69 -1.52 0.00	17.02 -1.27 0.05	20.98 -1.63 1.48	26.51 -2.32 3.95	28.85 -1.96 0.00	26.86 -1.47 0.00	24.69 -1.00 0.00	23.30 -0.70 0.00	21.77 -0.75 0.00	24.25 -0.98 0.00	22.14 -1.23 3.51	39.48 -2.40 4.69	31.47 -2.73 15.88	27.97 -2.15 6.38	26.12 -1.84 7.81	32.80 -1.68 2.83	31.42 -1.81 1.96	37.80 -2.04 1.39	32.38 -1.62 0.26	28.73 -1.15 0.00
BARON_WINDS___WT_PWR 323822	16.60 -1.00 0.00	12.57 -1.09 5.69	17.79 -1.20 0.86	18.64 -1.26 1.17	20.06 -1.15 0.00	17.10 -1.00 0.23	15.34 -1.30 7.46	11.15 -1.72 19.91	29.34 -1.47 0.00	27.16 -1.18 0.00	24.78 -0.91 0.00	23.12 -0.88 0.00	21.70 -0.82 0.00	24.56 -0.67 0.00	8.30 -0.92 17.66	21.54 -1.45 23.58	-31.36 -1.63 79.80	2.87 -1.55 32.09	-4.83 -1.34 39.25	22.07 -1.00 14.25	23.84 -1.50 9.86	34.44 -1.57 5.22	31.60 -1.35 1.31	29.05 -0.83 0.00
BARRETT_IC_1 23704	18.82 1.23 0.00	20.77 1.42 0.00	21.37 1.52 0.00	22.63 1.57 0.00	22.79 1.57 0.00	19.60 1.26 0.00	25.67 1.58 0.00	34.85 2.08 0.00	32.77 1.96 0.00	30.54 2.20 0.00	28.01 2.32 0.00	26.23 2.22 -0.01	24.60 2.07 0.00	27.60 2.37 0.00	29.06 2.29 0.11	49.48 3.28 0.37	51.72 3.28 1.64	37.69 2.11 0.92	37.80 2.12 0.08	39.03 2.07 0.37	37.39 1.78 -0.42	42.68 1.85 0.39	35.67 1.66 0.26	31.41 1.58 0.04
BARRETT_IC_10 23701	18.82 1.23 0.00	20.77 1.42 0.00	21.37 1.52 0.00	22.63 1.57 0.00	22.79 1.57 0.00	19.60 1.26 0.00	25.67 1.58 0.00	34.85 2.08 0.00	32.77 1.96 0.00	30.54 2.20 0.00	28.01 2.32 0.00	26.23 2.22 -0.01	24.60 2.07 0.00	27.60 2.37 0.00	29.06 2.29 0.11	49.48 3.28 0.37	51.72 3.28 1.64	37.69 2.11 0.92	37.80 2.12 0.08	39.03 2.07 0.37	30.01 1.78 6.96	42.68 1.85 0.39	35.67 1.66 0.26	31.41 1.58 0.04
BARRETT_IC_11 23702	18.82 1.23 0.00	20.77 1.42 0.00	21.37 1.52 0.00	22.63 1.57 0.00	22.79 1.57 0.00	19.60 1.26 0.00	25.67 1.58 0.00	34.85 2.08 0.00	32.77 1.96 0.00	30.54 2.20 0.00	28.01 2.32 0.00	26.23 2.22 -0.01	24.60 2.07 0.00	27.60 2.37 0.00	29.06 2.29 0.11	49.48 3.28 0.37	51.72 3.28 1.64	37.69 2.11 0.92	37.80 2.12 0.08	39.03 2.07 0.37	30.01 1.78 6.96	42.68 1.85 0.39	35.67 1.66 0.26	31.41 1.58 0.04
BARRETT_IC_12 23703	18.82 1.23 0.00	20.77 1.42 0.00	21.37 1.52 0.00	22.63 1.57 0.00	22.79 1.57 0.00	19.60 1.26 0.00	25.67 1.58 0.00	34.85 2.08 0.00	32.77 1.96 0.00	30.54 2.20 0.00	28.01 2.32 0.00	26.23 2.22 -0.01	24.60 2.07 0.00	27.60 2.37 0.00	29.06 2.29 0.11	49.48 3.28 0.37	51.72 3.28 1.64	37.69 2.11 0.92	37.80 2.12 0.08	39.03 2.07 0.37	30.01 1.78 6.96	42.68 1.85 0.39	35.67 1.66 0.26	31.41 1.58 0.04
BARRETT_IC_2 23705	18.82 1.23 0.00	20.77 1.42 0.00	21.37 1.52 0.00	22.63 1.57 0.00	22.79 1.57 0.00	19.60 1.26 0.00	25.67 1.58 0.00	34.85 2.08 0.00	32.77 1.96 0.00	30.54 2.20 0.00	28.01 2.32 0.00	26.23 2.22 -0.01	24.60 2.07 0.00	27.60 2.37 0.00	29.06 2.29 0.11	49.48 3.28 0.37	51.72 3.28 1.64	37.69 2.11 0.92	37.80 2.12 0.08	39.03 2.07 0.37	37.39 1.78 -0.42	42.68 1.85 0.39	35.67 1.66 0.26	31.41 1.58 0.04
BARRETT_IC_3 23706	18.82 1.23 0.00	20.77 1.42 0.00	21.37 1.52 0.00	22.63 1.57 0.00	22.79 1.57 0.00	19.60 1.26 0.00	25.67 1.58 0.00	34.85 2.08 0.00	32.77 1.96 0.00	30.54 2.20 0.00	28.01 2.32 0.00	26.23 2.22 -0.01	24.60 2.07 0.00	27.60 2.37 0.00	29.06 2.29 0.11	49.48 3.28 0.37	51.72 3.28 1.64	37.69 2.11 0.92	37.80 2.12 0.08	39.03 2.07 0.37	37.39 1.78 -0.42	42.68 1.85 0.39	35.67 1.66 0.26	31.41 1.58 0.04
BARRETT_IC_4 23707	18.82 1.23 0.00	20.77 1.42 0.00	21.37 1.52 0.00	22.63 1.57 0.00	22.79 1.57 0.00	19.60 1.26 0.00	25.67 1.58 0.00	34.85 2.08 0.00	32.77 1.96 0.00	30.54 2.20 0.00	28.01 2.32 0.00	26.23 2.22 -0.01	24.60 2.07 0.00	27.60 2.37 0.00	29.06 2.29 0.11	49.48 3.28 0.37	51.72 3.28 1.64	37.69 2.11 0.92	37.80 2.12 0.08	39.03 2.07 0.37	37.39 1.78 -0.42	42.68 1.85 0.39	35.67 1.66 0.26	31.41 1.58 0.04

BARRETT_IC_5 23708	18.82 1.23 0.00	20.77 1.42 0.00	21.37 1.52 0.00	22.63 1.57 0.00	22.79 1.57 0.00	19.60 1.26 0.00	25.67 1.58 0.00	34.85 2.08 0.00	32.77 1.96 0.00	30.54 2.20 0.00	28.01 2.32 0.00	26.23 2.22 -0.01	24.60 2.07 0.00	27.60 2.37 0.00	29.06 2.29 0.11	49.48 3.28 0.37	51.72 3.28 1.64	37.69 2.11 0.92	37.80 2.12 0.08	39.03 2.07 0.37	37.39 1.78 -0.42	42.68 1.85 0.39	35.67 1.66 0.26	31.41 1.58 0.04
BARRETT_IC_6 23709	18.82 1.23 0.00	20.77 1.42 0.00	21.37 1.52 0.00	22.63 1.57 0.00	22.79 1.57 0.00	19.60 1.26 0.00	25.67 1.58 0.00	34.85 2.08 0.00	32.77 1.96 0.00	30.54 2.20 0.00	28.01 2.32 0.00	26.23 2.22 -0.01	24.60 2.07 0.00	27.60 2.37 0.00	29.06 2.29 0.11	49.48 3.28 0.37	51.72 3.28 1.64	37.69 2.11 0.92	37.80 2.12 0.08	39.03 2.07 0.37	37.39 1.78 -0.42	42.68 1.85 0.39	35.67 1.66 0.26	31.41 1.58 0.04
BARRETT_IC_7 23710	18.82 1.23 0.00	20.77 1.42 0.00	21.37 1.52 0.00	22.63 1.57 0.00	22.79 1.58 0.00	19.60 1.26 0.00	25.66 1.57 0.00	34.85 2.07 0.00	32.77 1.96 0.00	30.54 2.20 0.00	28.00 2.32 0.00	26.22 2.21 0.00	24.60 2.07 0.00	27.59 2.36 0.00	29.06 2.29 0.11	49.50 3.30 0.37	51.73 3.30 1.64	37.73 2.14 0.92	37.81 2.13 0.08	39.03 2.07 0.37	37.41 1.79 -0.42	42.68 1.85 0.39	35.67 1.66 0.26	31.42 1.58 0.04
BARRETT_IC_8 23711	18.82 1.23 0.00	20.77 1.42 0.00	21.37 1.52 0.00	22.63 1.57 0.00	22.79 1.57 0.00	19.60 1.26 0.00	25.67 1.58 0.00	34.85 2.08 0.00	32.77 1.96 0.00	30.54 2.20 0.00	28.01 2.32 0.00	26.23 2.22 -0.01	24.60 2.07 0.00	27.60 2.37 0.00	29.06 2.29 0.11	49.48 3.28 0.37	51.72 3.28 1.64	37.69 2.11 0.92	37.80 2.12 0.08	39.03 2.07 0.37	37.39 1.78 -0.42	42.68 1.85 0.39	35.67 1.66 0.26	31.41 1.58 0.04
BARRETT_IC_9 23700	18.82 1.23 0.00	20.77 1.42 0.00	21.37 1.52 0.00	22.63 1.57 0.00	22.79 1.57 0.00	19.60 1.26 0.00	25.67 1.58 0.00	34.85 2.08 0.00	32.77 1.96 0.00	30.54 2.20 0.00	28.01 2.32 0.00	26.23 2.22 -0.01	24.60 2.07 0.00	27.60 2.37 0.00	29.06 2.29 0.11	49.48 3.28 0.37	51.72 3.28 1.64	37.69 2.11 0.92	37.80 2.12 0.08	39.03 2.07 0.37	30.01 1.78 6.96	42.68 1.85 0.39	35.67 1.66 0.26	31.41 1.58 0.04
BARRETT___1 23545	18.82 1.23 0.00	20.77 1.42 0.00	21.37 1.52 0.00	22.63 1.57 0.00	22.79 1.57 0.00	19.60 1.26 0.00	25.67 1.58 0.00	34.85 2.08 0.00	32.77 1.96 0.00	30.54 2.20 0.00	28.01 2.32 0.00	26.23 2.22 -0.01	24.60 2.07 0.00	27.60 2.37 0.00	29.06 2.29 0.11	49.48 3.28 0.37	51.72 3.28 1.64	37.69 2.11 0.92	37.80 2.12 0.08	39.03 2.07 0.37	37.39 1.78 -0.42	42.68 1.85 0.39	35.67 1.66 0.26	31.41 1.58 0.04
BARRETT___2 23546	18.82 1.23 0.00	20.77 1.42 0.00	21.37 1.52 0.00	22.63 1.57 0.00	22.79 1.57 0.00	19.60 1.26 0.00	25.67 1.58 0.00	34.85 2.08 0.00	32.77 1.96 0.00	30.54 2.20 0.00	28.01 2.32 0.00	26.23 2.22 -0.01	24.60 2.07 0.00	27.60 2.37 0.00	29.06 2.29 0.11	49.48 3.28 0.37	51.72 3.28 1.64	37.69 2.11 0.92	37.80 2.12 0.08	39.03 2.07 0.37	30.01 1.78 6.96	42.68 1.85 0.39	35.67 1.66 0.26	31.41 1.58 0.04
BATAVIA___115KV_TB1 55881	16.89 -0.71 0.00	17.88 -0.90 0.57	18.72 -1.04 0.09	19.79 -1.15 0.12	20.21 -1.00 0.00	17.53 -0.79 0.02	22.44 -0.89 0.75	29.43 -1.33 2.01	29.65 -1.16 0.00	27.39 -0.95 0.00	24.98 -0.71 0.00	23.57 -0.43 0.00	22.05 -0.47 0.00	24.48 -0.75 0.00	24.27 -0.83 1.79	42.75 -1.44 2.38	40.44 -1.57 8.07	32.05 -1.22 3.24	30.68 -1.12 3.97	34.89 -0.99 1.44	33.05 -1.15 1.00	38.61 -1.66 0.94	32.94 -1.19 0.13	29.01 -0.87 0.00
BAYONEEC___CTG1 323682	18.74 1.14 0.00	20.71 1.36 0.00	21.26 1.42 0.00	22.53 1.47 0.00	22.67 1.46 0.00	19.56 1.23 0.00	25.72 1.63 0.00	35.06 2.28 0.00	33.06 2.25 0.00	30.61 2.27 0.00	27.80 2.11 0.00	25.95 1.95 0.00	24.39 1.87 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.49 3.91 0.00	54.21 4.13 0.00	39.29 2.77 0.00	38.43 2.66 0.00	39.95 2.63 0.00	37.53 2.33 0.00	43.64 2.42 0.00	36.33 2.07 0.00	31.75 1.87 0.00
BAYONEEC___CTG10 323750	18.74 1.14 0.00	20.71 1.36 0.00	21.26 1.42 0.00	22.53 1.47 0.00	22.67 1.46 0.00	19.56 1.23 0.00	25.72 1.63 0.00	35.06 2.28 0.00	33.06 2.25 0.00	30.61 2.27 0.00	27.80 2.11 0.00	25.95 1.95 0.00	24.39 1.87 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.49 3.91 0.00	54.21 4.13 0.00	39.29 2.77 0.00	38.43 2.66 0.00	39.95 2.63 0.00	37.53 2.33 0.00	43.64 2.42 0.00	36.33 2.07 0.00	31.75 1.87 0.00
BAYONEEC___CTG2 323683	18.74 1.14 0.00	20.71 1.36 0.00	21.26 1.42 0.00	22.53 1.47 0.00	22.67 1.46 0.00	19.56 1.23 0.00	25.72 1.63 0.00	35.06 2.28 0.00	33.06 2.25 0.00	30.61 2.27 0.00	27.80 2.11 0.00	25.95 1.95 0.00	24.39 1.87 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.49 3.91 0.00	54.21 4.13 0.00	39.29 2.77 0.00	38.43 2.66 0.00	39.95 2.63 0.00	37.53 2.33 0.00	43.64 2.42 0.00	36.33 2.07 0.00	31.75 1.87 0.00
BAYONEEC___CTG3 323684	18.74 1.14 0.00	20.71 1.36 0.00	21.26 1.42 0.00	22.53 1.47 0.00	22.67 1.46 0.00	19.56 1.23 0.00	25.72 1.63 0.00	35.06 2.28 0.00	33.06 2.25 0.00	30.61 2.27 0.00	27.80 2.11 0.00	25.95 1.95 0.00	24.39 1.87 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.49 3.91 0.00	54.21 4.13 0.00	39.29 2.77 0.00	38.43 2.66 0.00	39.95 2.63 0.00	37.53 2.33 0.00	43.64 2.42 0.00	36.33 2.07 0.00	31.75 1.87 0.00
BAYONEEC___CTG4 323685	18.74 1.14 0.00	20.71 1.36 0.00	21.26 1.42 0.00	22.53 1.47 0.00	22.67 1.46 0.00	19.56 1.23 0.00	25.72 1.63 0.00	35.06 2.28 0.00	33.06 2.25 0.00	30.61 2.27 0.00	27.80 2.11 0.00	25.95 1.95 0.00	24.39 1.87 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.49 3.91 0.00	54.21 4.13 0.00	39.29 2.77 0.00	38.43 2.66 0.00	39.95 2.63 0.00	37.53 2.33 0.00	43.64 2.42 0.00	36.33 2.07 0.00	31.75 1.87 0.00
BAYONEEC___CTG5 323686	18.74 1.14 0.00	20.71 1.36 0.00	21.26 1.42 0.00	22.53 1.47 0.00	22.67 1.46 0.00	19.56 1.23 0.00	25.72 1.63 0.00	35.06 2.28 0.00	33.06 2.25 0.00	30.61 2.27 0.00	27.80 2.11 0.00	25.95 1.95 0.00	24.39 1.87 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.49 3.91 0.00	54.21 4.13 0.00	39.29 2.77 0.00	38.43 2.66 0.00	39.95 2.63 0.00	37.53 2.33 0.00	43.64 2.42 0.00	36.33 2.07 0.00	31.75 1.87 0.00
BAYONEEC___CTG6 323687	18.74 1.14 0.00	20.71 1.36 0.00	21.26 1.42 0.00	22.53 1.47 0.00	22.67 1.46 0.00	19.56 1.23 0.00	25.72 1.63 0.00	35.06 2.28 0.00	33.06 2.25 0.00	30.61 2.27 0.00	27.80 2.11 0.00	25.95 1.95 0.00	24.39 1.87 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.49 3.91 0.00	54.21 4.13 0.00	39.29 2.77 0.00	38.43 2.66 0.00	39.95 2.63 0.00	37.53 2.33 0.00	43.64 2.42 0.00	36.33 2.07 0.00	31.75 1.87 0.00

BAYONEEC___CTG7 323688	18.74 1.14 0.00	20.71 1.36 0.00	21.26 1.42 0.00	22.53 1.47 0.00	22.67 1.46 0.00	19.56 1.23 0.00	25.72 1.63 0.00	35.06 2.28 0.00	33.06 2.25 0.00	30.61 2.27 0.00	27.80 2.11 0.00	25.95 1.95 0.00	24.39 1.87 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.49 3.91 0.00	54.21 4.13 0.00	39.29 2.77 0.00	38.43 2.66 0.00	39.95 2.63 0.00	37.53 2.33 0.00	43.64 2.42 0.00	36.33 2.07 0.00	31.75 1.87 0.00
BAYONEEC___CTG8 323689	18.74 1.14 0.00	20.71 1.36 0.00	21.26 1.42 0.00	22.53 1.47 0.00	22.67 1.46 0.00	19.56 1.23 0.00	25.72 1.63 0.00	35.06 2.28 0.00	33.06 2.25 0.00	30.61 2.27 0.00	27.80 2.11 0.00	25.95 1.95 0.00	24.39 1.87 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.49 3.91 0.00	54.21 4.13 0.00	39.29 2.77 0.00	38.43 2.66 0.00	39.95 2.63 0.00	37.53 2.33 0.00	43.64 2.42 0.00	36.33 2.07 0.00	31.75 1.87 0.00
BAYONEEC___CTG9 323749	18.74 1.14 0.00	20.71 1.36 0.00	21.26 1.42 0.00	22.53 1.47 0.00	22.67 1.46 0.00	19.56 1.23 0.00	25.72 1.63 0.00	35.06 2.28 0.00	33.06 2.25 0.00	30.61 2.27 0.00	27.80 2.11 0.00	25.95 1.95 0.00	24.39 1.87 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.49 3.91 0.00	54.21 4.13 0.00	39.29 2.77 0.00	38.43 2.66 0.00	39.95 2.63 0.00	37.53 2.33 0.00	43.64 2.42 0.00	36.33 2.07 0.00	31.75 1.87 0.00
BEACON___LESR 323632	18.19 0.59 0.00	20.09 0.74 0.00	20.70 0.85 0.00	21.97 0.90 0.00	22.09 0.88 0.00	19.07 0.73 0.00	25.22 1.13 0.00	34.39 1.61 0.00	32.25 1.44 0.00	29.52 1.18 0.00	26.64 0.95 0.00	24.78 0.77 0.00	23.23 0.71 0.00	26.08 0.85 0.00	27.86 0.98 0.00	48.25 1.68 0.00	52.07 1.99 0.00	37.93 1.42 0.00	37.33 1.56 0.00	38.89 1.57 0.00	36.72 1.52 0.00	42.81 1.59 0.00	35.43 1.17 0.00	30.93 1.05 0.00
BEAVER RIVER___HYD 24048	17.56 -0.04 0.00	19.07 -0.28 0.00	20.54 -0.61 -1.30	22.79 -0.61 -2.34	22.97 -0.58 -2.33	20.10 -0.42 -2.18	26.17 -0.42 -2.50	35.31 -0.45 -2.98	33.11 -0.57 -2.87	30.28 -0.80 -2.74	27.70 -0.58 -2.59	25.97 -0.53 -2.50	24.49 -0.45 -2.42	27.28 -0.51 -2.56	28.19 -0.61 -1.92	47.57 -0.44 -1.44	53.72 0.03 -3.62	37.25 0.24 -0.50	35.78 0.02 0.00	38.28 -0.10 -1.06	35.32 0.12 0.00	41.99 0.77 0.00	34.93 0.67 0.00	30.10 0.22 0.00
BEEBEE_GT_13 23619	16.94 -0.65 0.00	18.53 -0.82 0.00	18.94 -0.91 0.00	20.05 -1.01 0.00	20.31 -0.90 0.00	17.62 -0.72 0.00	23.19 -0.90 0.00	31.45 -1.33 0.00	29.68 -1.14 0.00	27.40 -0.94 0.00	25.00 -0.70 0.00	23.52 -0.49 0.00	22.03 -0.49 0.00	24.57 -0.66 0.00	26.11 -0.77 0.00	45.18 -1.39 0.00	48.38 -1.70 0.00	35.26 -1.25 0.00	34.55 -1.21 0.00	36.23 -1.09 0.00	33.99 -1.20 0.00	39.13 -1.61 0.48	33.02 -1.24 0.00	28.92 -0.96 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.91 1.32 0.00	20.89 1.54 0.00	21.43 1.59 0.00	22.70 1.64 0.00	22.84 1.63 0.00	19.73 1.39 0.00	25.94 1.85 0.00	35.42 2.64 0.00	33.43 2.61 0.00	30.93 2.59 0.00	28.11 2.42 0.00	26.23 2.22 0.00	24.63 2.11 0.00	27.75 2.52 0.00	29.59 2.71 0.00	50.91 4.34 0.00	54.70 4.63 0.00	39.69 3.18 0.00	38.82 3.05 0.00	40.36 3.05 0.00	37.92 2.72 0.00	44.05 2.83 0.00	36.68 2.42 0.00	32.06 2.18 0.00
BETHLEHEM___GRP 23843	17.94 0.35 0.00	19.84 0.49 0.00	20.45 0.60 0.00	21.71 0.65 0.00	21.80 0.59 0.00	18.81 0.48 0.00	24.78 0.69 0.00	33.83 1.05 0.00	31.76 0.95 0.00	29.14 0.80 0.00	26.28 0.59 0.00	24.48 0.48 0.00	22.94 0.42 0.00	25.73 0.50 0.00	27.47 0.59 0.00	47.56 0.99 0.00	51.27 1.20 0.00	37.36 0.84 0.00	36.65 0.89 0.00	38.21 0.89 0.00	36.06 0.86 0.00	42.09 0.87 0.00	34.92 0.65 0.00	30.45 0.57 0.00
BETHLEHEM___GS1 323560	17.95 0.35 0.00	19.84 0.49 0.00	20.45 0.61 0.00	21.71 0.65 0.00	21.80 0.59 0.00	18.81 0.48 0.00	24.79 0.70 0.00	33.82 1.04 0.00	31.76 0.95 0.00	29.14 0.80 0.00	26.28 0.59 0.00	24.48 0.48 0.00	22.94 0.42 0.00	25.73 0.50 0.00	27.47 0.59 0.00	47.56 0.99 0.00	51.27 1.19 0.00	37.36 0.84 0.00	36.65 0.89 0.00	38.21 0.89 0.00	36.05 0.86 0.00	42.09 0.86 0.00	34.91 0.65 0.00	30.45 0.57 0.00
BETHLEHEM___GS2 323561	17.95 0.35 0.00	19.84 0.49 0.00	20.45 0.61 0.00	21.71 0.65 0.00	21.80 0.59 0.00	18.81 0.48 0.00	24.79 0.70 0.00	33.82 1.04 0.00	31.76 0.95 0.00	29.14 0.80 0.00	26.28 0.59 0.00	24.48 0.48 0.00	22.94 0.42 0.00	25.73 0.50 0.00	27.47 0.59 0.00	47.56 0.99 0.00	51.27 1.19 0.00	37.36 0.84 0.00	36.65 0.89 0.00	38.21 0.89 0.00	36.05 0.86 0.00	42.09 0.86 0.00	34.91 0.65 0.00	30.45 0.57 0.00
BETHLEHEM___GS3 323562	17.95 0.35 0.00	19.84 0.49 0.00	20.45 0.61 0.00	21.71 0.65 0.00	21.80 0.59 0.00	18.81 0.48 0.00	24.79 0.70 0.00	33.82 1.04 0.00	31.76 0.95 0.00	29.14 0.80 0.00	26.28 0.59 0.00	24.48 0.48 0.00	22.94 0.42 0.00	25.73 0.50 0.00	27.47 0.59 0.00	47.56 0.99 0.00	51.27 1.19 0.00	37.36 0.84 0.00	36.65 0.89 0.00	38.21 0.89 0.00	36.05 0.86 0.00	42.09 0.86 0.00	34.91 0.65 0.00	30.45 0.57 0.00
BETHLEHEM___STEEL 23779	16.55 -1.04 0.00	17.05 -1.25 1.06	18.28 -1.41 0.16	19.30 -1.55 0.22	19.83 -1.38 0.00	17.14 -1.15 0.04	21.25 -1.45 1.39	26.92 -2.16 3.70	28.95 -1.86 0.00	26.93 -1.41 0.00	24.73 -0.96 0.00	23.33 -0.68 0.00	21.81 -0.71 0.00	24.30 -0.93 0.00	22.47 -1.13 3.28	40.01 -2.18 4.38	32.64 -2.61 14.82	28.50 -2.05 5.96	26.55 -1.92 7.29	32.98 -1.69 2.65	31.54 -1.83 1.83	37.64 -2.26 1.33	32.36 -1.66 0.24	28.71 -1.17 0.00
BETHLHEM_115KV_TB1 79974	17.99 0.40 0.00	19.89 0.54 0.00	20.49 0.65 0.00	21.75 0.69 0.00	21.86 0.65 0.00	18.85 0.51 0.00	24.83 0.74 0.00	33.88 1.11 0.00	31.82 1.01 0.00	29.20 0.86 0.00	26.36 0.67 0.00	24.55 0.54 0.00	23.01 0.48 0.00	25.81 0.58 0.00	27.55 0.67 0.00	47.70 1.13 0.00	51.39 1.32 0.00	37.44 0.93 0.00	36.74 0.97 0.00	38.30 0.98 0.00	36.13 0.93 0.00	42.18 0.95 0.00	35.00 0.74 0.00	30.53 0.65 0.00
BETHPAGE_CC_5 323564	18.85 1.26 0.00	20.81 1.46 0.00	21.43 1.58 0.00	22.68 1.62 0.00	22.85 1.64 0.00	19.62 1.29 0.00	25.75 1.66 0.00	35.04 2.26 0.00	32.94 2.12 0.00	30.64 2.30 0.00	28.06 2.37 0.00	26.23 2.23 0.00	24.61 2.09 0.00	27.55 2.31 0.00	26.86 2.20 2.22	42.41 3.33 7.49	20.56 3.41 32.93	21.37 2.28 17.42	36.43 2.26 1.60	32.63 2.18 6.88	33.97 1.92 3.15	35.79 2.00 7.42	31.13 1.73 4.86	30.76 1.67 0.79
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.62 -0.98 0.00	17.19 -1.17 0.99	18.38 -1.32 0.15	19.40 -1.46 0.20	19.91 -1.30 0.00	17.22 -1.08 0.04	21.42 -1.37 1.31	27.26 -2.03 3.49	29.07 -1.74 0.00	27.04 -1.30 0.00	24.83 -0.86 0.00	23.42 -0.58 0.00	21.90 -0.62 0.00	24.42 -0.81 0.00	22.80 -0.99 3.09	40.50 -1.94 4.13	33.79 -2.32 13.96	29.02 -1.87 5.61	27.13 -1.77 6.87	33.31 -1.52 2.49	31.81 -1.66 1.73	37.88 -2.08 1.27	32.52 -1.51 0.23	28.83 -1.05 0.00

BINGHAMTON___COGEN 23790	17.65 0.06 0.00	19.65 0.16 -0.14	20.02 0.15 -0.02	21.28 0.19 -0.03	21.42 0.21 0.00	18.46 0.12 -0.01	24.46 0.19 -0.18	33.60 0.34 -0.47	31.15 0.34 0.00	28.77 0.43 0.00	26.19 0.49 0.00	24.43 0.43 0.00	22.95 0.43 0.00	26.02 0.79 0.00	28.08 0.78 -0.42	48.49 1.36 -0.56	53.12 1.14 -1.90	37.70 0.43 -0.76	37.21 0.51 -0.94	38.44 0.78 -0.34	35.90 0.47 -0.23	41.75 0.58 0.05	34.70 0.40 -0.03	30.35 0.47 0.00
BIXINCNT_115KV_LOAD 355685	16.56 -1.03 0.00	17.61 -1.07 0.67	18.67 -1.07 0.10	19.73 -1.22 0.12	19.96 -1.25 0.00	17.24 -1.07 0.03	21.65 -1.56 0.88	28.22 -2.21 2.34	28.99 -1.82 0.00	27.02 -1.32 0.00	24.85 -0.84 0.00	23.41 -0.59 0.00	21.85 -0.68 0.00	24.63 -0.60 0.00	23.88 -0.92 2.08	42.05 -1.75 2.78	39.02 -1.66 9.39	30.97 -1.76 3.78	29.47 -1.68 4.62	34.45 -1.19 1.68	32.75 -1.29 1.16	38.66 -1.60 0.97	33.10 -1.01 0.15	29.25 -0.63 0.00
BLACK RIVER___HYD 24047	17.45 -0.14 0.00	18.88 -0.48 0.00	20.02 -0.75 -0.92	21.97 -0.74 -1.65	22.10 -0.73 -1.63	19.32 -0.54 -1.52	25.26 -0.58 -1.75	34.21 -0.65 -2.08	32.02 -0.79 -2.01	29.13 -1.12 -1.91	26.62 -0.88 -1.81	25.05 -0.70 -1.75	23.67 -0.54 -1.69	26.28 -0.74 -1.79	27.36 -0.86 -1.35	47.01 -0.56 -1.00	52.44 -0.16 -2.53	36.96 0.10 -0.35	35.71 -0.06 0.00	37.86 -0.20 -0.74	35.13 -0.06 0.00	41.84 0.52 -0.09	34.76 0.49 0.00	29.93 0.05 0.00
BLACKRVR_115KV_TB2 79977	17.45 -0.14 0.00	18.88 -0.48 0.00	20.02 -0.75 -0.92	21.97 -0.74 -1.65	22.10 -0.73 -1.63	19.32 -0.54 -1.52	25.26 -0.58 -1.75	34.21 -0.65 -2.08	32.02 -0.80 -2.01	29.13 -1.12 -1.91	26.62 -0.88 -1.81	25.05 -0.70 -1.75	23.67 -0.54 -1.69	26.28 -0.74 -1.79	27.36 -0.87 -1.35	47.01 -0.57 -1.00	52.44 -0.16 -2.53	36.96 0.10 -0.35	35.70 -0.06 0.00	37.86 -0.20 -0.74	35.13 -0.06 0.00	41.84 0.53 -0.09	34.76 0.50 0.00	29.93 0.05 0.00
BLISS_WT_PWR 323608	16.46 -1.13 0.00	17.54 -1.15 0.67	18.61 -1.13 0.10	19.65 -1.29 0.12	19.85 -1.36 0.00	17.14 -1.17 0.03	21.42 -1.79 0.88	27.98 -2.46 2.34	28.79 -2.02 0.00	26.86 -1.48 0.00	24.72 -0.97 0.00	23.31 -0.70 0.00	21.71 -0.82 0.00	24.51 -0.72 0.00	23.69 -1.11 2.08	41.71 -2.09 2.78	38.86 -1.82 9.39	30.82 -1.92 3.78	29.32 -1.82 4.62	34.34 -1.30 1.68	32.65 -1.39 1.16	38.55 -1.70 0.97	33.04 -1.07 0.15	29.20 -0.68 0.00
BLUESTONE___WT_PWR 323821	17.43 -0.16 0.00	19.26 -0.24 -0.15	19.69 -0.18 -0.02	21.11 0.02 -0.03	21.07 -0.14 0.00	18.11 -0.23 -0.01	24.31 0.03 -0.20	33.57 0.27 -0.52	31.09 0.28 0.00	28.88 0.54 0.00	26.57 0.88 0.00	24.73 0.73 0.00	22.94 0.42 0.00	25.69 0.46 0.00	27.60 0.26 -0.46	47.59 0.40 -0.62	52.51 0.35 -2.09	38.21 0.86 -0.84	37.83 1.04 -1.03	38.77 1.08 -0.37	36.06 0.61 -0.26	42.51 1.29 0.00	35.43 1.14 -0.03	30.27 0.39 0.00
BLUE_CIRC_CHEM_DRP 24182	18.18 0.58 0.00	20.09 0.74 0.00	20.69 0.85 0.00	21.96 0.90 0.00	22.08 0.87 0.00	19.03 0.70 0.00	25.06 0.97 0.00	34.20 1.42 0.00	32.08 1.27 0.00	29.33 0.99 0.00	26.44 0.74 0.00	24.69 0.69 0.00	23.17 0.65 0.00	26.00 0.78 0.00	27.76 0.88 0.00	48.04 1.47 0.00	51.78 1.70 0.00	37.75 1.24 0.00	37.04 1.27 0.00	38.61 1.30 0.00	36.43 1.24 0.00	42.52 1.30 0.00	35.32 1.05 0.00	30.83 0.95 0.00
BOC_GAS_DRP 24189	18.10 0.50 0.00	19.99 0.64 0.00	20.58 0.74 0.00	21.86 0.80 0.00	21.98 0.76 0.00	18.94 0.60 0.00	24.91 0.81 0.00	33.98 1.21 0.00	31.95 1.14 0.00	29.36 1.02 0.00	26.54 0.85 0.00	24.73 0.73 0.00	23.18 0.66 0.00	26.03 0.80 0.00	27.76 0.89 0.00	48.02 1.45 0.00	51.66 1.59 0.00	37.60 1.09 0.00	36.88 1.11 0.00	38.45 1.14 0.00	36.27 1.07 0.00	42.35 1.13 0.00	35.17 0.91 0.00	30.71 0.83 0.00
BOONVILLE_115KV_TB1 79983	17.77 0.18 0.00	19.43 0.08 0.00	20.29 -0.05 -0.49	21.91 -0.03 -0.88	22.09 0.00 -0.88	19.22 0.06 -0.82	25.19 0.15 -0.94	34.18 0.28 -1.12	32.07 0.17 -1.08	29.36 -0.02 -1.03	26.71 0.05 -0.98	24.95 0.00 -0.94	23.43 0.00 -0.91	26.28 0.09 -0.97	27.74 0.14 -0.73	47.56 0.45 -0.54	52.26 0.82 -1.36	37.40 0.70 -0.19	36.36 0.60 0.00	38.25 0.53 -0.40	35.78 0.58 0.00	42.15 0.93 0.00	34.99 0.73 0.00	30.33 0.46 0.00
BORALEX_4TH_BRANCH 23824	18.70 1.11 0.00	20.66 1.31 0.00	21.25 1.40 0.00	22.56 1.50 0.00	22.71 1.50 0.00	19.55 1.21 0.00	25.58 1.49 0.00	35.04 2.27 0.00	33.14 2.33 0.00	30.31 1.96 0.00	27.16 1.47 0.00	25.19 1.19 0.00	23.50 0.97 0.00	26.32 1.08 0.00	28.09 1.21 0.00	48.61 2.04 0.00	52.52 2.44 0.00	38.26 1.75 0.00	37.49 1.73 0.00	39.24 1.93 0.00	37.33 2.13 0.00	43.72 2.49 0.00	36.28 2.02 0.00	31.63 1.75 0.00
BOWLINE___1 23526	18.48 0.88 0.00	20.42 1.07 0.00	20.97 1.13 0.00	22.23 1.17 0.00	22.37 1.16 0.00	19.31 0.97 0.00	25.38 1.28 0.00	34.60 1.82 0.00	32.55 1.74 0.00	30.09 1.75 0.00	27.31 1.62 0.00	25.48 1.48 0.00	23.95 1.42 0.00	27.01 1.78 0.00	28.81 1.93 0.00	49.78 3.21 0.00	53.47 3.40 0.00	38.70 2.19 0.00	37.90 2.14 0.00	39.42 2.10 0.00	37.02 1.82 0.00	43.12 1.91 0.00	35.85 1.59 0.00	31.35 1.47 0.00
BOWLINE___2 23595	18.48 0.88 0.00	20.42 1.07 0.00	20.97 1.13 0.00	22.23 1.17 0.00	22.37 1.16 0.00	19.31 0.97 0.00	25.38 1.28 0.00	34.61 1.83 0.00	32.55 1.74 0.00	30.09 1.75 0.00	27.31 1.62 0.00	25.48 1.48 0.00	23.94 1.42 0.00	27.01 1.78 0.00	28.81 1.93 0.00	49.78 3.21 0.00	53.47 3.40 0.00	38.70 2.19 0.00	37.90 2.14 0.00	39.42 2.10 0.00	37.02 1.82 0.00	43.12 1.91 0.00	35.85 1.59 0.00	31.35 1.47 0.00
BRADY___115KV_TB2 356060	18.02 0.43 0.00	19.68 0.33 0.00	21.71 0.23 -1.63	24.24 0.25 -2.93	24.48 0.33 -2.93	21.41 0.34 -2.74	27.80 0.57 -3.14	37.32 0.80 -3.74	35.13 0.71 -3.61	32.45 0.67 -3.44	29.52 0.57 -3.26	27.72 0.58 -3.14	26.13 0.57 -3.04	28.85 0.40 -3.22	29.54 0.24 -2.42	49.26 0.88 -1.81	55.66 1.04 -4.55	38.22 1.08 -0.63	36.74 0.97 0.00	39.75 1.09 -1.34	36.42 1.23 0.00	42.93 1.70 0.00	35.66 1.40 0.00	30.83 0.95 0.00
BRANSCOMB___SOLAR 323811	18.48 0.88 0.00	20.40 1.05 0.00	20.97 1.13 0.00	22.27 1.21 0.00	22.44 1.24 0.00	19.36 1.02 0.00	25.53 1.44 0.00	34.89 2.11 0.00	32.72 1.91 0.00	29.93 1.60 0.00	26.86 1.17 0.00	24.94 0.94 0.00	23.38 0.86 0.00	26.26 1.03 0.00	27.95 1.07 0.00	48.62 2.05 0.00	52.67 2.59 0.00	38.44 1.93 0.00	37.72 1.96 0.00	39.45 2.13 0.00	37.19 2.00 0.00	43.44 2.22 0.00	36.02 1.76 0.00	31.40 1.52 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	18.97 1.38 0.00	20.93 1.58 0.00	21.60 1.75 0.00	22.86 1.80 0.00	23.04 1.83 0.00	19.74 1.40 0.00	25.90 1.81 0.00	35.28 2.50 0.00	33.13 2.31 0.00	30.81 2.47 0.00	28.29 2.60 0.00	26.40 2.40 0.00	24.78 2.26 0.00	27.64 2.41 0.00	26.50 2.26 2.63	41.16 3.48 8.89	14.37 3.37 39.07	18.05 2.25 20.72	35.94 2.07 1.90	31.13 1.99 8.18	33.40 1.97 3.77	34.51 2.11 8.83	30.26 1.78 5.78	30.72 1.77 0.93

BRISTLHL_115KV_TB1 79998	17.11 -0.48 0.00	18.80 -0.55 0.00	19.34 -0.51 0.00	20.58 -0.48 0.00	20.60 -0.61 0.00	17.85 -0.49 0.00	23.41 -0.69 0.00	31.76 -1.02 0.00	29.84 -0.97 0.00	27.36 -0.98 0.00	24.81 -0.88 0.00	23.18 -0.82 0.00	21.79 -0.74 0.00	24.39 -0.84 0.00	26.02 -0.86 0.00	45.15 -1.42 0.00	48.59 -1.49 0.00	35.44 -1.07 0.00	34.75 -1.01 0.00	36.27 -1.05 0.00	34.13 -1.06 0.00	40.23 -1.34 -0.34	33.14 -1.13 0.00	28.93 -0.94 0.00
BROOKHAVEN___DRP 24191	18.81 1.22 0.00	20.75 1.40 0.00	21.54 1.69 0.00	22.80 1.74 0.00	22.98 1.77 0.00	19.68 1.35 0.00	25.81 1.72 0.00	35.12 2.34 0.00	32.96 2.15 0.00	30.64 2.30 0.00	28.12 2.43 0.00	26.25 2.25 0.00	24.66 2.14 0.00	27.46 2.23 0.00	26.28 2.08 2.67	40.73 3.19 9.03	13.00 2.64 39.71	17.24 1.79 21.06	36.06 2.23 1.93	31.00 1.99 8.31	33.17 1.81 3.84	34.08 1.83 8.97	29.99 1.61 5.88	30.52 1.59 0.95
BROOKLYN_NAVY_YARD 23515	18.74 1.14 0.00	20.71 1.36 0.00	21.26 1.42 0.00	22.52 1.46 0.00	22.65 1.44 0.00	19.56 1.23 0.00	25.73 1.64 0.00	35.07 2.29 0.00	33.08 2.27 0.00	30.60 2.26 0.00	27.80 2.10 0.00	25.95 1.95 0.00	24.40 1.87 0.00	27.47 2.25 0.00	29.29 2.41 0.00	50.49 3.92 0.00	54.24 4.17 0.00	39.33 2.82 0.00	38.47 2.70 0.00	40.01 2.69 0.00	37.72 2.34 -0.18	43.66 2.44 0.00	36.34 2.07 0.00	31.74 1.86 0.00
BROOKLYN___ARMY_DRP 323595	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
BROOKVLE_69_KV_TB1 55790	18.93 1.34 0.00	20.88 1.53 0.00	21.48 1.64 0.00	22.75 1.69 0.00	22.91 1.70 0.00	19.71 1.37 0.00	25.88 1.79 0.00	35.26 2.49 0.00	33.16 2.35 0.00	30.81 2.48 0.00	28.19 2.49 0.00	26.38 2.37 0.00	24.74 2.21 0.00	27.77 2.54 0.00	28.15 2.50 1.22	46.35 3.90 4.12	36.05 4.08 18.10	29.74 2.75 9.53	37.60 2.70 0.87	36.22 2.66 3.76	35.92 2.34 1.61	39.57 2.41 4.06	33.63 2.03 2.66	31.32 1.87 0.43
BROOME_2_LFGE 323671	17.65 0.06 0.00	19.65 0.16 -0.14	20.02 0.15 -0.02	21.28 0.19 -0.03	21.41 0.20 0.00	18.46 0.12 -0.01	24.45 0.18 -0.18	33.57 0.32 -0.47	31.14 0.33 0.00	28.77 0.43 0.00	26.19 0.49 0.00	24.42 0.42 0.00	22.95 0.43 0.00	26.02 0.79 0.00	28.06 0.76 -0.42	48.47 1.33 -0.56	53.10 1.12 -1.90	37.69 0.41 -0.76	37.20 0.50 -0.94	38.43 0.77 -0.34	35.91 0.48 -0.23	41.74 0.57 0.05	34.69 0.40 -0.03	30.34 0.47 0.00
BROOME___LFGE 323600	17.65 0.06 0.00	19.65 0.16 -0.14	20.02 0.15 -0.02	21.28 0.19 -0.03	21.41 0.20 0.00	18.46 0.12 -0.01	24.45 0.18 -0.18	33.57 0.32 -0.47	31.14 0.33 0.00	28.77 0.43 0.00	26.19 0.49 0.00	24.42 0.42 0.00	22.95 0.43 0.00	26.02 0.79 0.00	28.06 0.76 -0.42	48.47 1.33 -0.56	53.10 1.12 -1.90	37.69 0.41 -0.76	37.20 0.50 -0.94	38.43 0.77 -0.34	35.91 0.48 -0.23	41.74 0.57 0.05	34.69 0.40 -0.03	30.34 0.47 0.00
BROWNFLS_115KV_TB_3_5 80003	17.70 0.11 0.00	19.26 -0.09 0.00	21.84 -0.34 -2.34	24.93 -0.32 -4.19	25.14 -0.27 -4.19	22.09 -0.16 -3.92	28.49 -0.09 -4.49	38.10 -0.03 -5.35	35.85 -0.12 -5.16	33.01 -0.25 -4.92	30.20 -0.15 -4.65	28.38 -0.11 -4.49	26.79 -0.08 -4.34	29.65 -0.18 -4.60	30.05 -0.29 -3.46	49.14 -0.01 -2.58	56.89 0.31 -6.50	37.90 0.50 -0.90	36.08 0.31 0.00	39.51 0.28 -1.91	35.69 0.49 0.00	42.29 1.07 0.00	35.16 0.90 0.00	30.33 0.45 0.00
BROWNSV1_27_KV_LOAD 356125	18.89 1.30 0.00	20.87 1.52 0.00	21.42 1.57 0.00	22.68 1.62 0.00	22.83 1.62 0.00	19.71 1.37 0.00	25.92 1.83 0.00	35.38 2.60 0.00	33.36 2.55 0.00	30.89 2.55 0.00	28.05 2.36 0.00	26.20 2.20 0.00	24.62 2.09 0.00	27.74 2.51 0.00	29.56 2.68 0.00	50.99 4.42 0.00	54.75 4.68 0.00	39.68 3.17 0.00	38.82 3.05 0.00	40.36 3.04 0.00	37.92 2.72 0.00	44.08 2.86 0.00	36.68 2.42 0.00	32.03 2.15 0.00
BURROWS___LYONSDAL 23803	17.69 0.10 0.00	19.32 -0.04 0.00	20.26 -0.24 -0.65	22.00 -0.24 -1.17	22.17 -0.20 -1.17	19.32 -0.11 -1.09	25.29 -0.06 -1.25	34.27 0.00 -1.49	32.15 -0.10 -1.44	29.43 -0.28 -1.37	26.83 -0.16 -1.29	25.06 -0.19 -1.25	23.56 -0.17 -1.21	26.40 -0.11 -1.28	27.74 -0.10 -0.96	47.42 0.13 -0.72	52.42 0.54 -1.81	37.28 0.52 -0.25	36.14 0.38 0.00	38.14 0.28 -0.53	35.60 0.40 0.00	42.07 0.85 0.00	34.95 0.69 0.00	30.24 0.37 0.00
CAITHNESS_CC_1 323624	18.80 1.20 0.00	20.73 1.38 0.00	21.49 1.64 0.00	22.76 1.69 0.00	22.93 1.72 0.00	19.64 1.30 0.00	25.76 1.67 0.00	35.03 2.25 0.00	32.87 2.06 0.00	30.58 2.24 0.00	28.07 2.38 0.00	26.20 2.20 0.00	24.62 2.10 0.00	27.41 2.18 0.00	26.22 2.02 2.68	40.59 3.05 9.04	13.01 2.67 39.73	17.24 1.79 21.07	35.93 2.10 1.93	30.90 1.90 8.32	33.06 1.70 3.84	33.98 1.73 8.98	29.92 1.54 5.88	30.45 1.53 0.95
CALPINE BETH_PAGE_GT4 24209	18.87 1.28 0.00	20.83 1.47 0.00	21.44 1.60 0.00	22.70 1.64 0.00	22.87 1.66 0.00	19.64 1.30 0.00	25.77 1.68 0.00	35.10 2.32 0.00	32.98 2.17 0.00	30.68 2.34 0.00	28.09 2.40 0.00	26.26 2.25 0.00	24.63 2.11 0.00	27.59 2.35 0.00	27.13 2.27 2.02	43.23 3.47 6.81	23.69 3.57 29.95	23.08 2.40 15.83	36.69 2.38 1.45	33.38 2.31 6.25	34.38 2.03 2.84	36.57 2.09 6.74	31.64 1.80 4.41	30.88 1.71 0.71
CALPINE_BETH_PAGE_GT_4 323586	18.87 1.28 0.00	20.83 1.47 0.00	21.44 1.60 0.00	22.70 1.64 0.00	22.87 1.66 0.00	19.64 1.30 0.00	25.79 1.69 0.00	35.10 2.32 0.00	32.98 2.17 0.00	30.68 2.34 0.00	28.09 2.39 0.00	26.26 2.26 0.00	24.63 2.11 0.00	27.59 2.36 0.00	27.12 2.26 2.02	43.20 3.44 6.81	23.69 3.56 29.95	23.08 2.39 15.83	36.69 2.37 1.45	33.37 2.30 6.25	34.38 2.02 2.84	36.58 2.09 6.74	31.64 1.79 4.41	30.88 1.71 0.71
CALPINE_BP_GT1 23823	18.87 1.28 0.00	20.83 1.47 0.00	21.44 1.60 0.00	22.70 1.64 0.00	22.87 1.66 0.00	19.64 1.30 0.00	25.79 1.69 0.00	35.10 2.32 0.00	32.98 2.17 0.00	30.68 2.34 0.00	28.09 2.39 0.00	26.26 2.26 0.00	24.63 2.11 0.00	27.59 2.36 0.00	27.12 2.26 2.02	43.20 3.44 6.81	23.69 3.56 29.95	23.08 2.39 15.83	36.69 2.37 1.45	33.37 2.30 6.25	34.38 2.02 2.84	36.58 2.09 6.74	31.64 1.79 4.41	30.88 1.71 0.71
CALSPAN___DRP 24200	16.55 -1.04 0.00	17.05 -1.25 1.06	18.28 -1.41 0.16	19.30 -1.55 0.22	19.83 -1.38 0.00	17.14 -1.15 0.04	21.25 -1.45 1.39	26.92 -2.16 3.70	28.95 -1.86 0.00	26.93 -1.41 0.00	24.73 -0.96 0.00	23.33 -0.68 0.00	21.81 -0.71 0.00	24.30 -0.93 0.00	22.47 -1.13 3.28	40.01 -2.18 4.38	32.64 -2.61 14.82	28.50 -2.05 5.96	26.55 -1.92 7.29	32.98 -1.69 2.65	31.54 -1.83 1.83	37.64 -2.26 1.33	32.36 -1.66 0.24	28.71 -1.17 0.00

CALVERTON___SOLAR 323806	18.84 1.25 0.00	20.78 1.43 0.00	21.59 1.75 0.00	22.86 1.80 0.00	23.04 1.83 0.00	19.74 1.40 0.00	25.91 1.82 0.00	35.23 2.45 0.00	33.05 2.24 0.00	30.73 2.39 0.00	28.18 2.49 0.00	26.31 2.31 0.00	24.72 2.20 0.00	27.52 2.29 0.00	26.36 2.15 2.67	40.84 3.30 9.03	13.03 2.67 39.71	17.28 1.83 21.06	36.20 2.37 1.93	31.12 2.12 8.31	33.28 1.92 3.84	34.20 1.95 8.97	30.10 1.72 5.87	30.60 1.67 0.95
CANDIGU_WT_PWR 323617	16.60 -1.00 0.00	12.57 -1.09 5.69	17.79 -1.20 0.86	18.64 -1.26 1.17	20.06 -1.15 0.00	17.10 -1.00 0.23	15.34 -1.30 7.46	11.15 -1.72 19.91	29.34 -1.47 0.00	27.16 -1.18 0.00	24.78 -0.91 0.00	23.12 -0.88 0.00	21.70 -0.82 0.00	24.56 -0.67 0.00	8.30 -0.92 17.66	21.54 -1.45 23.58	-31.36 -1.63 79.80	2.87 -1.55 32.09	-4.83 -1.34 39.25	22.07 -1.00 14.25	23.84 -1.50 9.86	34.44 -1.57 5.22	31.60 -1.35 1.31	29.05 -0.83 0.00
CARR STREET_E_SYR 24060	17.26 -0.33 0.00	18.96 -0.40 0.00	19.43 -0.41 0.00	20.58 -0.48 0.00	20.72 -0.49 0.00	17.96 -0.38 0.00	23.56 -0.54 0.00	31.98 -0.80 0.00	30.04 -0.77 0.00	27.57 -0.77 0.00	25.00 -0.69 0.00	23.40 -0.60 0.00	21.97 -0.56 0.00	24.62 -0.61 0.00	26.26 -0.62 0.00	45.48 -1.09 0.00	48.86 -1.22 0.00	35.62 -0.90 0.00	34.92 -0.84 0.00	36.44 -0.88 0.00	34.29 -0.91 0.00	39.98 -1.07 0.17	33.36 -0.91 0.00	29.13 -0.75 0.00
CARTHAGE___PAPER 23857	17.62 0.03 0.00	19.10 -0.25 0.00	20.35 -0.56 -1.07	22.43 -0.54 -1.92	22.59 -0.52 -1.91	19.76 -0.36 -1.78	25.81 -0.32 -2.04	34.92 -0.29 -2.43	32.69 -0.46 -2.34	29.78 -0.79 -2.23	27.19 -0.62 -2.11	25.57 -0.48 -2.04	24.11 -0.39 -1.97	26.85 -0.47 -2.09	27.84 -0.61 -1.57	47.54 -0.21 -1.17	53.33 0.31 -2.95	37.38 0.46 -0.41	36.03 0.27 0.00	38.33 0.15 -0.87	35.51 0.32 0.00	42.28 0.98 -0.07	35.11 0.85 0.00	30.23 0.35 0.00
CASSADAGA_WT_PWR 323784	16.14 -1.45 0.00	16.94 -1.62 0.79	17.81 -1.91 0.12	18.57 -2.08 0.40	19.50 -1.71 0.00	16.87 -1.43 0.03	21.24 -1.81 1.05	27.57 -2.42 2.79	28.89 -1.92 0.00	26.98 -1.36 0.00	24.84 -0.85 0.00	23.42 -0.58 0.00	21.90 -0.62 0.00	24.43 -0.80 0.00	23.29 -1.10 2.49	41.03 -2.21 3.33	36.36 -2.46 11.26	29.96 -2.03 4.53	28.89 -1.34 5.54	34.08 -1.23 2.01	32.35 -1.45 1.39	38.92 -1.21 1.09	32.76 -1.32 0.19	29.02 -0.86 0.00
CE_DUNWOOD___DRP 24194	18.66 1.06 0.00	20.61 1.26 0.00	21.17 1.33 0.00	22.44 1.37 0.00	22.57 1.37 0.00	19.48 1.14 0.00	25.61 1.52 0.00	34.94 2.16 0.00	32.92 2.11 0.00	30.44 2.10 0.00	27.64 1.95 0.00	25.80 1.80 0.00	24.24 1.71 0.00	27.28 2.05 0.00	29.08 2.19 0.00	50.16 3.59 0.00	53.90 3.82 0.00	39.07 2.56 0.00	38.26 2.50 0.00	39.79 2.47 0.00	37.38 2.19 0.00	43.51 2.29 0.00	36.18 1.92 0.00	31.61 1.73 0.00
CE_MILLWOOD___DRP 24193	18.63 1.03 0.00	20.59 1.24 0.00	21.14 1.30 0.00	22.40 1.34 0.00	22.55 1.34 0.00	19.45 1.12 0.00	25.57 1.48 0.00	34.90 2.12 0.00	32.88 2.07 0.00	30.39 2.05 0.00	27.58 1.89 0.00	25.74 1.74 0.00	24.18 1.66 0.00	27.22 1.99 0.00	29.01 2.13 0.00	50.07 3.50 0.00	53.80 3.73 0.00	39.02 2.50 0.00	38.20 2.43 0.00	39.73 2.41 0.00	37.34 2.14 0.00	43.46 2.24 0.00	36.14 1.88 0.00	31.58 1.70 0.00
CE_NYC2_DRP 24202	18.79 1.19 0.00	20.76 1.40 0.00	21.30 1.46 0.00	22.57 1.51 0.00	22.70 1.49 0.00	19.60 1.27 0.00	25.75 1.66 0.00	35.14 2.36 0.00	33.17 2.36 0.00	30.70 2.36 0.00	27.89 2.20 0.00	26.03 2.03 0.00	24.45 1.93 0.00	27.54 2.31 0.00	29.35 2.47 0.00	50.57 4.00 0.00	54.29 4.22 0.00	39.38 2.87 0.00	38.52 2.75 0.00	40.03 2.71 0.00	37.58 2.38 0.00	43.70 2.48 0.00	36.37 2.11 0.00	31.78 1.90 0.00
CE_NYC_DRP 24195	18.77 1.18 0.00	20.75 1.40 0.00	21.30 1.46 0.00	22.57 1.51 0.00	22.70 1.49 0.00	19.60 1.27 0.00	25.77 1.68 0.00	35.15 2.38 0.00	33.16 2.35 0.00	30.70 2.36 0.00	27.88 2.19 0.00	26.04 2.03 0.00	24.47 1.95 0.00	27.56 2.33 0.00	29.38 2.50 0.00	50.65 4.08 0.00	54.39 4.32 0.00	39.42 2.91 0.00	38.57 2.80 0.00	40.08 2.76 0.00	37.64 2.45 0.00	43.77 2.55 0.00	36.42 2.16 0.00	31.82 1.95 0.00
CHAFFEE___LFGE 323603	16.66 -0.93 0.00	17.36 -1.13 0.86	18.42 -1.29 0.13	19.45 -1.43 0.18	19.95 -1.26 0.00	17.27 -1.03 0.04	21.63 -1.33 1.13	27.86 -1.90 3.02	29.20 -1.61 0.00	27.14 -1.20 0.00	24.90 -0.79 0.00	23.48 -0.52 0.00	21.95 -0.57 0.00	24.50 -0.73 0.00	23.32 -0.88 2.67	41.19 -1.81 3.57	35.85 -2.14 12.09	29.90 -1.75 4.86	28.21 -1.61 5.94	33.77 -1.39 2.16	32.16 -1.54 1.49	38.13 -1.95 1.15	32.63 -1.43 0.20	28.89 -0.99 0.00
CHATEAUG_35_KV_LOAD 355732	17.65 0.06 0.00	19.09 -0.26 0.00	-5.51 -0.58 24.77	-23.93 -0.62 44.38	-23.93 -0.58 44.56	-23.74 -0.47 41.60	-24.17 -0.54 47.72	-24.75 -0.65 56.88	-24.69 -0.63 54.87	-24.42 -0.52 52.24	-24.20 -0.46 49.44	-24.10 -0.41 47.69	-24.06 -0.42 46.16	-24.27 -0.65 48.85	-10.57 -0.72 36.72	18.22 -0.94 27.41	-20.17 -1.14 69.11	26.63 -0.36 9.52	35.44 -0.33 0.00	16.45 -0.57 20.29	35.22 0.02 0.00	41.70 0.48 0.00	34.57 0.31 0.00	30.09 0.21 0.00
CHATEAUG_WT_PWR 323614	17.60 0.01 0.00	19.04 -0.31 0.00	-3.90 -0.64 23.10	-21.05 -0.73 41.38	-21.00 -0.67 41.55	-21.01 -0.55 38.79	-21.09 -0.69 44.50	-21.12 -0.87 53.04	-21.10 -0.75 51.16	-21.02 -0.65 48.71	-20.95 -0.55 46.09	-20.97 -0.51 44.47	-21.05 -0.53 43.04	-21.09 -0.77 45.55	-8.20 -0.83 34.24	19.95 -1.07 25.56	-15.78 -1.42 64.44	27.11 -0.53 8.87	35.29 -0.48 0.00	17.63 -0.77 18.92	35.08 -0.11 0.00	41.54 0.31 0.00	34.41 0.15 0.00	29.97 0.09 0.00
CHAT_HIGH_FALL_HYD 323578	17.65 0.06 0.00	19.09 -0.26 0.00	-5.51 -0.58 24.77	-23.93 -0.62 44.38	-23.93 -0.58 44.56	-23.74 -0.47 41.60	-24.17 -0.54 47.72	-24.75 -0.65 56.88	-24.69 -0.63 54.87	-24.42 -0.52 52.24	-24.20 -0.46 49.44	-24.10 -0.41 47.69	-24.06 -0.42 46.16	-24.27 -0.65 48.85	-10.57 -0.72 36.72	18.22 -0.94 27.41	-20.17 -1.14 69.11	26.63 -0.36 9.52	35.44 -0.33 0.00	16.45 -0.57 20.29	35.22 0.02 0.00	41.70 0.48 0.00	34.57 0.31 0.00	30.09 0.21 0.00
CHAUTAUQUA___LFGE 323629	16.37 -1.23 0.00	16.96 -1.42 0.98	18.05 -1.64 0.15	18.98 -1.81 0.27	19.66 -1.55 0.00	17.01 -1.29 0.04	21.16 -1.65 1.29	27.04 -2.30 3.44	28.91 -1.90 0.00	26.93 -1.41 0.00	24.76 -0.93 0.00	23.38 -0.62 0.00	21.85 -0.67 0.00	24.31 -0.92 0.00	22.59 -1.21 3.07	40.12 -2.34 4.11	33.56 -2.62 13.89	28.86 -2.06 5.59	27.33 -1.61 6.83	33.37 -1.47 2.48	31.88 -1.60 1.72	38.30 -1.66 1.26	32.57 -1.46 0.23	28.89 -0.99 0.00
CHERRYST_13_KV_LD 356241	18.81 1.22 0.00	20.80 1.44 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.76 1.55 0.00	19.65 1.31 0.00	25.84 1.75 0.00	35.25 2.48 0.00	33.27 2.45 0.00	30.81 2.46 0.00	27.98 2.29 0.00	26.13 2.13 0.00	24.56 2.03 0.00	27.66 2.43 0.00	29.50 2.62 0.00	50.85 4.28 0.00	54.59 4.52 0.00	39.57 3.06 0.00	38.69 2.92 0.00	40.20 2.88 0.00	37.75 2.55 0.00	43.89 2.67 0.00	36.52 2.26 0.00	31.90 2.02 0.00

CHESTROR_138KV_BK263 355645	18.45 0.86 0.00	20.39 1.03 0.00	20.94 1.09 0.00	22.19 1.13 0.00	22.34 1.13 0.00	19.28 0.94 0.00	25.34 1.25 0.00	34.58 1.80 0.00	32.53 1.72 0.00	30.01 1.67 0.00	27.22 1.53 0.00	25.38 1.38 0.00	23.85 1.32 0.00	26.87 1.64 0.00	28.66 1.78 0.00	49.54 2.97 0.00	53.26 3.18 0.00	38.62 2.11 0.00	37.85 2.08 0.00	39.39 2.07 0.00	37.02 1.83 0.00	43.14 1.92 0.00	35.85 1.59 0.00	31.33 1.45 0.00
CH_MIDHUDSON___DRP 24192	18.63 1.04 0.00	20.58 1.22 0.00	21.13 1.29 0.00	22.40 1.34 0.00	22.55 1.34 0.00	19.45 1.12 0.00	25.60 1.50 0.00	34.97 2.19 0.00	32.92 2.11 0.00	30.38 2.04 0.00	27.54 1.85 0.00	25.68 1.67 0.00	24.11 1.58 0.00	27.12 1.88 0.00	28.91 2.03 0.00	49.96 3.39 0.00	53.75 3.68 0.00	39.03 2.52 0.00	38.23 2.46 0.00	39.81 2.49 0.00	37.43 2.24 0.00	43.59 2.37 0.00	36.21 1.95 0.00	31.61 1.73 0.00
CH_MISC_IPPS 23765	18.71 1.12 0.00	20.67 1.31 0.00	21.22 1.37 0.00	22.50 1.44 0.00	22.64 1.43 0.00	19.54 1.20 0.00	25.73 1.64 0.00	35.13 2.35 0.00	33.06 2.25 0.00	30.50 2.16 0.00	27.66 1.97 0.00	25.79 1.78 0.00	24.21 1.68 0.00	27.27 2.03 0.00	29.07 2.19 0.00	50.26 3.69 0.00	54.10 4.02 0.00	39.27 2.76 0.00	38.48 2.71 0.00	40.06 2.74 0.00	37.64 2.45 0.00	43.83 2.61 0.00	36.40 2.14 0.00	31.76 1.88 0.00
CH_RES_BVR_FALLS 23983	-19.45 -0.33 36.71	13.94 -0.42 4.99	19.38 -0.46 0.00	20.59 -0.47 0.00	20.76 -0.45 0.00	17.95 -0.39 0.00	23.64 -0.45 0.00	32.22 -0.56 0.00	30.29 -0.52 0.00	27.98 -0.36 0.00	25.43 -0.26 0.00	23.72 -0.29 0.00	22.24 -0.29 0.00	24.86 -0.38 0.00	26.40 -0.48 0.00	45.85 -0.71 0.00	49.52 -0.55 0.00	36.25 -0.26 0.00	35.30 -0.47 0.00	36.81 -0.51 0.00	34.96 -0.23 0.00	41.33 0.11 0.00	34.37 0.10 0.00	29.86 -0.02 0.00
CH_RES_NIAGARA 23895	16.14 -1.45 0.00	16.81 -1.73 0.81	17.82 -1.90 0.12	18.82 -2.07 0.17	19.30 -1.91 0.00	16.69 -1.62 0.03	20.93 -2.09 1.07	26.82 -3.10 2.86	28.03 -2.78 0.00	26.08 -2.26 0.00	23.97 -1.72 0.00	22.68 -1.32 0.00	21.20 -1.33 0.00	23.50 -1.73 0.00	22.41 -1.94 2.53	39.38 -3.81 3.38	34.15 -4.48 11.44	28.67 -3.24 4.60	26.94 -3.20 5.63	32.20 -3.08 2.04	30.74 -3.04 1.41	36.31 -3.78 1.14	31.29 -2.78 0.19	27.74 -2.14 0.00
CH_RES_SYRACUSE 23985	17.38 -0.21 0.00	19.09 -0.26 0.00	19.63 -0.21 0.00	20.79 -0.27 0.00	20.82 -0.39 0.00	18.05 -0.28 0.00	23.69 -0.41 0.00	32.14 -0.64 0.00	30.18 -0.63 0.00	27.66 -0.68 0.00	25.08 -0.61 0.00	23.46 -0.54 0.00	22.04 -0.48 0.00	24.69 -0.55 0.00	26.34 -0.54 0.00	45.69 -0.87 0.00	49.20 -0.88 0.00	35.90 -0.61 0.00	35.19 -0.57 0.00	36.72 -0.59 0.00	34.53 -0.66 0.00	40.36 -0.86 0.00	33.54 -0.72 0.00	29.29 -0.59 0.00
CLINTON_WT_PWR 323605	17.60 0.01 0.00	19.04 -0.31 0.00	-3.90 -0.64 23.10	-21.05 -0.73 41.38	-21.00 -0.67 41.55	-21.01 -0.55 38.79	-21.09 -0.69 44.50	-21.12 -0.87 53.04	-21.10 -0.75 51.16	-21.02 -0.65 48.71	-20.95 -0.55 46.09	-20.97 -0.51 44.47	-21.05 -0.53 43.04	-21.09 -0.77 45.55	-8.20 -0.83 34.24	19.95 -1.07 25.56	-15.78 -1.42 64.44	27.11 -0.53 8.87	35.29 -0.48 0.00	17.63 -0.77 18.92	35.08 -0.11 0.00	41.54 0.31 0.00	34.41 0.15 0.00	29.97 0.09 0.00
CLINTON___LFGE 323618	18.00 0.40 0.00	19.50 0.15 0.00	-4.05 -0.18 23.72	-21.63 -0.20 42.49	-21.65 -0.20 42.67	-21.68 -0.18 39.84	-21.67 -0.07 45.69	-21.67 0.02 54.46	-21.74 -0.01 52.54	-21.82 -0.14 50.02	-21.86 -0.21 47.33	-21.80 -0.14 45.67	-21.77 -0.10 44.20	-21.75 -0.20 46.77	-8.59 -0.30 35.16	20.24 -0.09 26.25	-16.41 -0.31 66.17	27.52 0.11 9.11	36.09 0.32 0.00	18.04 0.15 19.43	36.07 0.88 0.00	42.66 1.44 0.00	35.46 1.20 0.00	30.75 0.87 0.00
COBBLENY_34_KV_TB1 80064	16.66 -0.93 0.00	17.36 -1.13 0.86	18.43 -1.28 0.13	19.47 -1.42 0.18	19.96 -1.25 0.00	17.27 -1.03 0.04	21.67 -1.29 1.13	27.85 -1.91 3.02	29.20 -1.61 0.00	27.15 -1.20 0.00	24.90 -0.79 0.00	23.48 -0.52 0.00	21.96 -0.56 0.00	24.50 -0.73 0.00	23.32 -0.88 2.67	41.22 -1.78 3.57	35.82 -2.18 12.09	29.89 -1.77 4.86	28.18 -1.64 5.94	33.77 -1.38 2.16	32.15 -1.55 1.49	38.12 -1.95 1.15	32.63 -1.43 0.20	28.89 -0.99 0.00
COFFEEN___115KV_TB3 355620	17.56 -0.03 0.00	19.00 -0.35 0.00	20.13 -0.61 -0.89	22.06 -0.60 -1.60	22.20 -0.59 -1.58	19.40 -0.41 -1.48	25.40 -0.39 -1.70	34.42 -0.38 -2.02	32.20 -0.56 -1.95	29.21 -0.98 -1.86	26.69 -0.76 -1.76	25.16 -0.54 -1.70	23.80 -0.36 -1.64	26.37 -0.59 -1.73	27.49 -0.70 -1.30	47.34 -0.20 -0.97	52.80 0.27 -2.46	37.28 0.43 -0.34	36.06 0.29 0.00	38.22 0.18 -0.72	35.46 0.26 0.00	42.16 0.84 -0.10	34.98 0.72 0.00	30.11 0.23 0.00
COLDSPRG_115KV_BK1 355956	16.87 -0.72 0.00	18.04 -0.81 0.50	18.80 -0.97 0.08	20.02 -1.07 -0.03	20.36 -0.85 0.00	17.63 -0.68 0.02	22.68 -0.75 0.66	29.98 -1.04 1.76	30.06 -0.75 0.00	27.98 -0.36 0.00	25.69 0.00 0.00	24.15 0.15 0.00	22.63 0.11 0.00	25.45 0.22 0.00	25.44 0.13 1.57	44.36 -0.11 2.10	42.52 -0.46 7.10	32.89 -0.77 2.86	31.85 -0.43 3.49	35.83 -0.22 1.27	33.87 -0.44 0.88	40.01 -0.39 0.82	33.74 -0.41 0.12	29.78 -0.10 0.00
COLONIE_LFGE___ 323577	18.32 0.73 0.00	20.23 0.88 0.00	20.81 0.97 0.00	22.10 1.03 0.00	22.23 1.02 0.00	19.17 0.83 0.00	25.23 1.14 0.00	34.47 1.69 0.00	32.41 1.59 0.00	29.70 1.36 0.00	26.74 1.05 0.00	24.87 0.87 0.00	23.30 0.78 0.00	26.14 0.91 0.00	27.87 1.00 0.00	48.33 1.76 0.00	52.17 2.09 0.00	38.01 1.50 0.00	37.29 1.52 0.00	38.93 1.61 0.00	36.77 1.57 0.00	42.96 1.74 0.00	35.65 1.39 0.00	31.10 1.22 0.00
COOPERNY_115KV_TB1 80082	18.24 0.64 0.00	20.14 0.79 0.00	20.68 0.84 0.00	21.94 0.88 0.00	22.09 0.87 0.00	19.05 0.71 0.00	25.04 0.94 0.00	34.13 1.36 0.00	32.11 1.30 0.00	29.62 1.28 0.00	26.86 1.17 0.00	25.07 1.06 0.00	23.54 1.02 0.00	26.50 1.27 0.00	28.26 1.38 0.00	48.86 2.29 0.00	52.47 2.40 0.00	38.09 1.58 0.00	37.33 1.56 0.00	38.89 1.57 0.00	36.57 1.38 0.00	42.67 1.44 0.00	35.46 1.19 0.00	30.98 1.10 0.00
COPENHAGEN_WT_PWR 323753	17.28 -0.31 0.00	18.64 -0.71 0.00	19.70 -0.99 -0.85	21.58 -1.00 -1.52	21.70 -1.01 -1.50	18.95 -0.78 -1.40	24.77 -0.92 -1.60	33.55 -1.14 -1.91	31.43 -1.22 -1.84	28.65 -1.45 -1.76	26.19 -1.16 -1.66	24.63 -0.97 -1.60	23.26 -0.81 -1.55	25.85 -1.02 -1.64	26.94 -1.17 -1.24	46.38 -1.11 -0.92	51.57 -0.82 -2.32	36.44 -0.38 -0.32	35.20 -0.57 0.00	37.24 -0.76 -0.68	34.62 -0.57 0.00	41.36 0.04 -0.10	34.41 0.15 0.00	29.63 -0.24 0.00
CORNELL_____ 23752	17.53 -0.06 0.00	19.59 -0.16 -0.40	19.71 -0.19 -0.06	20.88 -0.26 -0.08	20.96 -0.25 0.00	18.20 -0.15 -0.02	24.45 -0.15 -0.51	33.90 -0.25 -1.37	30.52 -0.29 0.00	27.87 -0.47 0.00	25.19 -0.50 0.00	23.51 -0.49 0.00	22.04 -0.48 0.00	24.72 -0.51 0.00	27.69 -0.41 -1.21	47.59 -0.60 -1.62	55.14 -0.42 -5.48	38.66 -0.07 -2.22	38.53 0.07 -2.70	38.37 0.08 -0.98	35.82 -0.06 -0.68	41.25 -0.19 -0.22	34.11 -0.24 -0.09	29.65 -0.23 0.00

CORONA_69_KV_TB1 355595	18.90 1.31 0.00	20.86 1.50 0.00	21.45 1.60 0.00	22.71 1.65 0.00	22.86 1.65 0.00	19.68 1.34 0.00	25.82 1.73 0.00	35.14 2.36 0.00	33.05 2.24 0.00	30.72 2.38 0.00	28.11 2.41 0.00	26.32 2.31 0.00	24.69 2.16 0.00	27.70 2.47 0.00	28.99 2.45 0.34	49.18 3.76 1.16	48.90 3.91 5.09	36.00 2.58 3.09	38.07 2.58 0.28	38.64 2.55 1.23	37.20 2.21 0.21	42.20 2.30 1.33	35.36 1.97 0.87	31.57 1.83 0.14
CORTLAND_115KV_TB3 80093	17.48 -0.12 0.00	19.29 -0.19 -0.13	19.64 -0.22 -0.02	20.80 -0.29 -0.03	20.93 -0.28 0.00	18.15 -0.18 0.00	23.86 -0.24 0.00	32.42 -0.36 0.00	30.43 -0.38 0.00	27.84 -0.50 0.00	25.20 -0.49 0.00	23.54 -0.46 0.00	22.08 -0.44 0.00	24.76 -0.47 0.00	26.49 -0.39 0.00	45.92 -0.65 0.00	49.54 -0.54 0.00	36.24 -0.27 0.00	35.58 -0.19 0.00	37.11 -0.21 0.00	34.91 -0.29 0.00	40.71 -0.43 0.08	33.85 -0.42 0.00	29.52 -0.37 0.00
COXSACKIE___GT 23611	18.57 0.98 0.00	20.52 1.16 0.00	21.12 1.28 0.00	22.42 1.36 0.00	22.54 1.33 0.00	19.48 1.15 0.00	25.81 1.72 0.00	35.34 2.56 0.00	33.13 2.31 0.00	30.02 1.68 0.00	26.72 1.03 0.00	24.71 0.71 0.00	23.13 0.60 0.00	25.93 0.70 0.00	27.71 0.83 0.00	48.28 1.71 0.00	52.57 2.49 0.00	39.02 2.51 0.00	38.63 2.86 0.00	40.32 3.00 0.00	37.94 2.75 0.00	44.18 2.96 0.00	36.48 2.22 0.00	31.67 1.79 0.00
CPV_VALLEY___CC1 323721	18.37 0.78 0.00	20.30 0.94 0.00	20.84 1.00 0.00	22.10 1.04 0.00	22.25 1.04 0.00	19.19 0.86 0.00	25.23 1.14 0.00	34.41 1.63 0.00	32.37 1.56 0.00	29.87 1.54 0.00	27.10 1.41 0.00	25.28 1.28 0.00	23.74 1.22 0.00	26.75 1.52 0.00	28.52 1.64 0.00	49.30 2.73 0.00	52.97 2.90 0.00	38.40 1.89 0.00	37.63 1.87 0.00	39.18 1.86 0.00	36.83 1.64 0.00	42.94 1.72 0.00	35.69 1.42 0.00	31.18 1.30 0.00
CPV_VALLEY___CC2 323722	18.37 0.78 0.00	20.30 0.94 0.00	20.84 1.00 0.00	22.10 1.04 0.00	22.25 1.04 0.00	19.19 0.86 0.00	25.23 1.14 0.00	34.41 1.63 0.00	32.37 1.56 0.00	29.87 1.54 0.00	27.10 1.41 0.00	25.28 1.28 0.00	23.74 1.22 0.00	26.75 1.52 0.00	28.52 1.64 0.00	49.30 2.73 0.00	52.97 2.90 0.00	38.40 1.89 0.00	37.63 1.87 0.00	39.18 1.86 0.00	36.83 1.64 0.00	42.94 1.72 0.00	35.69 1.42 0.00	31.18 1.30 0.00
CRESCENT___HYD 24018	18.32 0.73 0.00	20.23 0.88 0.00	20.81 0.97 0.00	22.10 1.03 0.00	22.23 1.02 0.00	19.17 0.83 0.00	25.23 1.14 0.00	34.47 1.69 0.00	32.41 1.59 0.00	29.70 1.36 0.00	26.74 1.05 0.00	24.87 0.87 0.00	23.30 0.78 0.00	26.14 0.91 0.00	27.87 1.00 0.00	48.33 1.76 0.00	52.17 2.09 0.00	38.01 1.50 0.00	37.29 1.52 0.00	38.93 1.61 0.00	36.77 1.57 0.00	42.96 1.74 0.00	35.65 1.39 0.00	31.10 1.22 0.00
CRICKET___VALLEY_CC1 323756	18.50 0.91 0.00	20.43 1.08 0.00	20.99 1.15 0.00	22.25 1.19 0.00	22.39 1.18 0.00	19.31 0.98 0.00	25.43 1.34 0.00	34.76 1.98 0.00	32.76 1.95 0.00	30.20 1.86 0.00	27.33 1.64 0.00	25.47 1.47 0.00	23.88 1.36 0.00	26.83 1.61 0.00	28.62 1.74 0.00	49.42 2.85 0.00	53.24 3.17 0.00	38.68 2.17 0.00	37.85 2.08 0.00	39.46 2.14 0.00	37.15 1.96 0.00	43.30 2.07 0.00	35.99 1.73 0.00	31.40 1.52 0.00
CRICKET___VALLEY_CC2 323757	18.50 0.91 0.00	20.43 1.08 0.00	20.99 1.15 0.00	22.25 1.19 0.00	22.39 1.18 0.00	19.31 0.98 0.00	25.43 1.34 0.00	34.76 1.98 0.00	32.76 1.95 0.00	30.20 1.86 0.00	27.33 1.64 0.00	25.47 1.47 0.00	23.88 1.36 0.00	26.83 1.61 0.00	28.62 1.74 0.00	49.42 2.85 0.00	53.24 3.17 0.00	38.68 2.17 0.00	37.85 2.08 0.00	39.46 2.14 0.00	37.15 1.96 0.00	43.30 2.07 0.00	35.99 1.73 0.00	31.40 1.52 0.00
CRICKET___VALLEY_CC3 323758	18.50 0.91 0.00	20.43 1.08 0.00	20.99 1.15 0.00	22.25 1.19 0.00	22.39 1.18 0.00	19.31 0.98 0.00	25.43 1.34 0.00	34.76 1.98 0.00	32.76 1.95 0.00	30.20 1.86 0.00	27.33 1.64 0.00	25.47 1.47 0.00	23.88 1.36 0.00	26.83 1.61 0.00	28.62 1.74 0.00	49.42 2.85 0.00	53.24 3.17 0.00	38.68 2.17 0.00	37.85 2.08 0.00	39.46 2.14 0.00	37.15 1.96 0.00	43.30 2.07 0.00	35.99 1.73 0.00	31.40 1.52 0.00
CRUCIBLE_METL_DRP 24180	17.38 -0.21 0.00	19.09 -0.26 0.00	19.63 -0.21 0.00	20.79 -0.27 0.00	20.82 -0.39 0.00	18.05 -0.29 0.00	23.69 -0.40 0.00	32.13 -0.64 0.00	30.18 -0.63 0.00	27.66 -0.68 0.00	25.08 -0.61 0.00	23.46 -0.54 0.00	22.04 -0.48 0.00	24.69 -0.54 0.00	26.34 -0.54 0.00	45.69 -0.88 0.00	49.19 -0.88 0.00	35.89 -0.62 0.00	35.19 -0.57 0.00	36.73 -0.59 0.00	34.54 -0.66 0.00	40.36 -0.86 0.00	33.54 -0.72 0.00	29.29 -0.59 0.00
DAHOWA___HYDRO 323763	18.53 0.94 0.00	20.47 1.12 0.00	21.04 1.20 0.00	22.35 1.29 0.00	22.53 1.32 0.00	19.43 1.09 0.00	25.65 1.56 0.00	35.05 2.27 0.00	32.87 2.06 0.00	30.10 1.76 0.00	26.96 1.27 0.00	25.02 1.02 0.00	23.45 0.93 0.00	26.34 1.11 0.00	28.03 1.15 0.00	48.79 2.22 0.00	52.85 2.78 0.00	38.58 2.06 0.00	37.86 2.09 0.00	39.63 2.31 0.00	37.36 2.16 0.00	43.63 2.41 0.00	36.16 1.90 0.00	31.51 1.63 0.00
DANC___LFGE 323619	17.23 -0.36 0.00	18.73 -0.63 0.00	19.65 -0.79 -0.59	21.33 -0.79 -1.06	21.40 -0.84 -1.03	18.65 -0.65 -0.96	24.37 -0.83 -1.10	33.01 -1.08 -1.31	30.98 -1.11 -1.27	28.29 -1.26 -1.21	25.78 -1.05 -1.14	24.21 -0.89 -1.10	22.82 -0.77 -1.07	25.41 -0.95 -1.13	26.67 -1.06 -0.85	45.96 -1.24 -0.63	50.58 -1.09 -1.60	36.09 -0.65 -0.22	35.03 -0.73 0.00	36.90 -0.89 -0.47	34.42 -0.78 0.00	40.85 -0.51 -0.14	33.95 -0.31 0.00	29.38 -0.50 0.00
DANSKAMMER___1 23586	18.71 1.12 0.00	20.67 1.31 0.00	21.22 1.37 0.00	22.50 1.44 0.00	22.64 1.43 0.00	19.54 1.20 0.00	25.73 1.64 0.00	35.13 2.35 0.00	33.06 2.25 0.00	30.50 2.16 0.00	27.66 1.97 0.00	25.79 1.78 0.00	24.21 1.68 0.00	27.27 2.03 0.00	29.07 2.19 0.00	50.26 3.69 0.00	54.10 4.02 0.00	39.27 2.76 0.00	38.48 2.71 0.00	40.06 2.74 0.00	37.64 2.45 0.00	43.83 2.61 0.00	36.40 2.14 0.00	31.76 1.88 0.00
DANSKAMMER___2 23589	18.71 1.12 0.00	20.67 1.31 0.00	21.22 1.37 0.00	22.50 1.44 0.00	22.64 1.43 0.00	19.54 1.20 0.00	25.73 1.64 0.00	35.13 2.35 0.00	33.06 2.25 0.00	30.50 2.16 0.00	27.66 1.97 0.00	25.79 1.78 0.00	24.21 1.68 0.00	27.27 2.03 0.00	29.07 2.19 0.00	50.26 3.69 0.00	54.10 4.02 0.00	39.27 2.76 0.00	38.48 2.71 0.00	40.06 2.74 0.00	37.64 2.45 0.00	43.83 2.61 0.00	36.40 2.14 0.00	31.76 1.88 0.00
DANSKAMMER___3 23590	18.71 1.12 0.00	20.67 1.31 0.00	21.22 1.37 0.00	22.50 1.44 0.00	22.64 1.43 0.00	19.54 1.20 0.00	25.73 1.64 0.00	35.13 2.35 0.00	33.06 2.25 0.00	30.50 2.16 0.00	27.66 1.97 0.00	25.79 1.78 0.00	24.21 1.68 0.00	27.27 2.03 0.00	29.07 2.19 0.00	50.26 3.69 0.00	54.10 4.02 0.00	39.27 2.76 0.00	38.48 2.71 0.00	40.06 2.74 0.00	37.64 2.45 0.00	43.83 2.61 0.00	36.40 2.14 0.00	31.76 1.88 0.00

DANSKAMMER___4 23591	18.71 1.12 0.00	20.67 1.31 0.00	21.22 1.37 0.00	22.50 1.44 0.00	22.64 1.43 0.00	19.54 1.20 0.00	25.73 1.64 0.00	35.13 2.35 0.00	33.06 2.25 0.00	30.50 2.16 0.00	27.66 1.97 0.00	25.79 1.78 0.00	24.21 1.68 0.00	27.27 2.03 0.00	29.07 2.19 0.00	50.26 3.69 0.00	54.10 4.02 0.00	39.27 2.76 0.00	38.48 2.71 0.00	40.06 2.74 0.00	37.64 2.45 0.00	43.83 2.61 0.00	36.40 2.14 0.00	31.76 1.88 0.00
DANSKAMMER___DIESEL 23592	18.71 1.12 0.00	20.67 1.32 0.00	21.22 1.38 0.00	22.50 1.44 0.00	22.64 1.43 0.00	19.54 1.20 0.00	25.72 1.63 0.00	35.13 2.35 0.00	33.06 2.25 0.00	30.50 2.16 0.00	27.66 1.97 0.00	25.79 1.78 0.00	24.21 1.68 0.00	27.27 2.03 0.00	29.08 2.20 0.00	50.27 3.70 0.00	54.10 4.03 0.00	39.27 2.76 0.00	38.48 2.71 0.00	40.06 2.75 0.00	37.64 2.45 0.00	43.83 2.61 0.00	36.40 2.14 0.00	31.77 1.89 0.00
DARBY___SOLAR 323810	18.47 0.87 0.00	20.39 1.04 0.00	20.96 1.12 0.00	22.26 1.20 0.00	22.44 1.23 0.00	19.35 1.01 0.00	25.53 1.44 0.00	34.89 2.11 0.00	32.72 1.91 0.00	29.94 1.60 0.00	26.85 1.16 0.00	24.94 0.93 0.00	23.37 0.85 0.00	26.25 1.02 0.00	27.94 1.06 0.00	48.61 2.04 0.00	52.67 2.59 0.00	38.43 1.92 0.00	37.71 1.95 0.00	39.45 2.13 0.00	37.18 1.99 0.00	43.42 2.20 0.00	36.01 1.75 0.00	31.39 1.52 0.00
DASHVILLE___HYD 23610	18.51 0.92 0.00	20.45 1.09 0.00	21.00 1.16 0.00	22.28 1.22 0.00	22.42 1.21 0.00	19.33 1.00 0.00	25.41 1.32 0.00	34.71 1.93 0.00	32.70 1.89 0.00	30.21 1.87 0.00	27.41 1.72 0.00	25.54 1.53 0.00	23.97 1.44 0.00	26.98 1.75 0.00	28.77 1.89 0.00	49.68 3.11 0.00	53.41 3.33 0.00	38.77 2.26 0.00	37.99 2.22 0.00	39.54 2.22 0.00	37.17 1.98 0.00	43.28 2.06 0.00	35.97 1.71 0.00	31.41 1.53 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	19.07 1.47 0.00	21.03 1.68 0.00	21.87 2.02 0.00	23.15 2.09 0.00	23.35 2.14 0.00	20.01 1.68 0.00	26.28 2.19 0.00	35.77 2.99 0.00	33.54 2.73 0.00	31.18 2.84 0.00	28.59 2.90 0.00	26.71 2.70 0.00	25.06 2.54 0.00	27.95 2.72 0.00	26.82 2.61 2.67	41.68 4.14 9.03	13.84 3.46 39.70	17.86 2.40 21.05	36.88 3.04 1.93	31.79 2.79 8.31	33.90 2.53 3.83	34.88 2.62 8.97	30.62 2.23 5.87	31.02 2.10 0.95
DELAWARE___LFGE 323621	18.08 0.49 0.00	19.97 0.61 0.00	20.52 0.67 0.00	21.81 0.75 0.00	21.96 0.75 0.00	18.91 0.57 0.00	24.87 0.78 0.00	33.91 1.13 0.00	31.88 1.07 0.00	29.38 1.04 0.00	26.69 1.00 0.00	24.92 0.91 0.00	23.39 0.87 0.00	26.33 1.10 0.00	28.04 1.16 0.00	48.52 1.94 0.00	51.98 1.90 0.00	37.77 1.26 0.00	37.07 1.30 0.00	38.69 1.37 0.00	36.38 1.19 0.00	42.44 1.32 0.10	35.34 1.08 0.00	30.84 0.96 0.00
DERFIELD_115KV_TB7 355931	17.65 0.06 0.00	19.45 0.09 0.00	19.96 0.11 0.00	21.18 0.12 0.00	21.33 0.13 0.00	18.43 0.09 0.00	24.22 0.12 0.00	32.97 0.19 0.00	30.97 0.16 0.00	28.47 0.13 0.00	25.79 0.10 0.00	24.07 0.07 0.00	22.58 0.06 0.00	25.33 0.10 0.00	27.01 0.12 0.00	46.79 0.22 0.00	50.31 0.24 0.00	36.66 0.15 0.00	35.92 0.16 0.00	37.47 0.15 0.00	35.33 0.13 0.00	41.35 0.13 0.00	34.37 0.11 0.00	29.98 0.11 0.00
DOGLEVILLE___HYD 23807	17.76 0.17 0.00	19.67 0.31 0.00	20.29 0.45 0.00	21.55 0.49 0.00	21.66 0.45 0.00	18.69 0.35 0.00	24.68 0.59 0.00	33.78 1.00 0.00	31.43 0.61 0.00	28.36 0.01 0.00	25.41 -0.28 0.00	23.62 -0.38 0.00	22.17 -0.36 0.00	24.96 -0.27 0.00	26.76 -0.12 0.00	47.14 0.57 0.00	51.08 1.01 0.00	37.13 0.62 0.00	36.58 0.82 0.00	37.91 0.59 0.00	35.81 0.62 0.00	42.02 0.80 0.00	34.67 0.40 0.00	30.18 0.30 0.00
DUNKIRK___115KV_TB_200 55889	16.40 -1.20 0.00	16.96 -1.39 1.00	18.09 -1.60 0.15	19.04 -1.76 0.26	19.68 -1.53 0.00	17.03 -1.27 0.04	21.19 -1.58 1.31	26.98 -2.29 3.50	28.92 -1.90 0.00	26.94 -1.40 0.00	24.76 -0.93 0.00	23.38 -0.63 0.00	21.86 -0.66 0.00	24.31 -0.92 0.00	22.54 -1.21 3.13	40.10 -2.29 4.18	33.28 -2.65 14.14	28.75 -2.08 5.69	27.14 -1.67 6.96	33.31 -1.49 2.52	31.81 -1.64 1.75	38.20 -1.74 1.28	32.54 -1.49 0.23	28.86 -1.02 0.00
DUNKIRK___1 23563	16.40 -1.20 0.00	16.96 -1.39 1.00	18.09 -1.60 0.15	19.04 -1.76 0.26	19.68 -1.53 0.00	17.03 -1.27 0.04	21.19 -1.58 1.31	26.98 -2.29 3.50	28.92 -1.90 0.00	26.94 -1.40 0.00	24.76 -0.93 0.00	23.38 -0.63 0.00	21.86 -0.66 0.00	24.31 -0.92 0.00	22.54 -1.21 3.13	40.10 -2.29 4.18	33.28 -2.65 14.14	28.75 -2.08 5.69	27.14 -1.67 6.96	33.31 -1.49 2.52	31.81 -1.64 1.75	38.20 -1.74 1.28	32.54 -1.49 0.23	28.86 -1.02 0.00
DUNKIRK___2 23564	16.40 -1.20 0.00	16.96 -1.39 1.00	18.09 -1.60 0.15	19.04 -1.76 0.26	19.68 -1.53 0.00	17.03 -1.27 0.04	21.19 -1.58 1.31	26.98 -2.29 3.50	28.92 -1.90 0.00	26.94 -1.40 0.00	24.76 -0.93 0.00	23.38 -0.63 0.00	21.86 -0.66 0.00	24.31 -0.92 0.00	22.54 -1.21 3.13	40.10 -2.29 4.18	33.28 -2.65 14.14	28.75 -2.08 5.69	27.14 -1.67 6.96	33.31 -1.49 2.52	31.81 -1.64 1.75	38.20 -1.74 1.28	32.54 -1.49 0.23	28.86 -1.02 0.00
DUNKIRK___3 23565	16.45 -1.15 0.00	16.91 -1.34 1.10	18.15 -1.53 0.17	19.11 -1.70 0.26	19.73 -1.48 0.00	17.06 -1.23 0.04	21.11 -1.54 1.44	26.69 -2.24 3.86	28.93 -1.88 0.00	26.94 -1.40 0.00	24.75 -0.94 0.00	23.36 -0.64 0.00	21.85 -0.68 0.00	24.32 -0.91 0.00	22.29 -1.16 3.43	39.75 -2.24 4.58	31.96 -2.62 15.50	28.20 -2.08 6.23	26.39 -1.75 7.62	32.99 -1.56 2.77	31.57 -1.70 1.92	37.95 -1.91 1.37	32.47 -1.54 0.26	28.80 -1.07 0.00
DUNKIRK___4 23566	16.45 -1.15 0.00	16.91 -1.34 1.10	18.15 -1.53 0.17	19.11 -1.70 0.26	19.73 -1.48 0.00	17.06 -1.23 0.04	21.11 -1.54 1.44	26.69 -2.24 3.86	28.93 -1.88 0.00	26.94 -1.40 0.00	24.75 -0.94 0.00	23.36 -0.64 0.00	21.85 -0.68 0.00	24.32 -0.91 0.00	22.29 -1.16 3.43	39.75 -2.24 4.58	31.96 -2.62 15.50	28.20 -2.08 6.23	26.39 -1.75 7.62	32.99 -1.56 2.77	31.57 -1.70 1.92	37.95 -1.91 1.37	32.47 -1.54 0.26	28.80 -1.07 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.69 1.10 0.00	20.65 1.30 0.00	21.21 1.36 0.00	22.47 1.41 0.00	22.61 1.40 0.00	19.51 1.17 0.00	25.65 1.56 0.00	35.00 2.22 0.00	32.98 2.17 0.00	30.51 2.17 0.00	27.71 2.01 0.00	25.86 1.86 0.00	24.30 1.78 0.00	27.35 2.12 0.00	29.15 2.27 0.00	50.28 3.71 0.00	54.01 3.94 0.00	39.16 2.65 0.00	38.33 2.57 0.00	39.87 2.55 0.00	37.46 2.26 0.00	43.58 2.36 0.00	36.24 1.98 0.00	31.67 1.79 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.59 1.00 0.00	20.54 1.18 0.00	21.09 1.24 0.00	22.36 1.30 0.00	22.50 1.29 0.00	19.42 1.08 0.00	25.55 1.45 0.00	34.88 2.10 0.00	32.81 2.00 0.00	30.28 1.93 0.00	27.45 1.76 0.00	25.60 1.59 0.00	24.03 1.51 0.00	27.08 1.85 0.00	28.88 2.01 0.00	49.93 3.37 0.00	53.72 3.64 0.00	38.99 2.47 0.00	38.21 2.44 0.00	39.77 2.45 0.00	37.37 2.17 0.00	43.51 2.29 0.00	36.15 1.88 0.00	31.56 1.69 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	18.78 1.19 0.00	20.76 1.40 0.00	21.30 1.46 0.00	22.57 1.51 0.00	22.71 1.50 0.00	19.62 1.28 0.00	25.75 1.66 0.00	35.19 2.41 0.00	33.22 2.41 0.00	30.68 2.34 0.00	27.88 2.19 0.00	25.98 1.98 0.00	24.36 1.83 0.00	27.43 2.20 0.00	29.24 2.36 0.00	50.34 3.77 0.00	54.07 4.00 0.00	39.26 2.75 0.00	38.43 2.67 0.00	39.96 2.64 0.00	37.52 2.33 0.00	43.68 2.46 0.00	36.37 2.11 0.00	31.76 1.88 0.00
E179THST_13_KV_LOAD 356214	18.86 1.27 0.00	20.84 1.49 0.00	21.38 1.53 0.00	22.64 1.58 0.00	22.79 1.58 0.00	19.69 1.35 0.00	25.85 1.76 0.00	35.34 2.56 0.00	33.36 2.55 0.00	30.81 2.47 0.00	28.01 2.32 0.00	26.11 2.10 0.00	24.47 1.95 0.00	27.57 2.34 0.00	29.38 2.51 0.00	50.58 4.01 0.00	54.33 4.26 0.00	39.45 2.94 0.00	38.62 2.85 0.00	40.15 2.83 0.00	37.70 2.51 0.00	43.89 2.66 0.00	36.54 2.27 0.00	31.90 2.02 0.00
EAST HAMPTON___GT 23717	19.24 1.65 0.00	21.21 1.86 0.00	22.05 2.21 0.00	23.34 2.28 0.00	23.57 2.36 0.00	20.21 1.87 0.00	26.57 2.48 0.00	36.14 3.36 0.00	33.88 3.07 0.00	31.50 3.16 0.00	28.86 3.17 0.00	26.96 2.95 0.00	25.30 2.77 0.00	28.23 3.00 0.00	27.13 2.92 2.67	42.19 4.65 9.03	14.46 4.08 39.70	18.32 2.86 21.05	37.34 3.51 1.93	32.28 3.27 8.31	34.33 2.97 3.83	35.35 3.10 8.97	31.00 2.61 5.87	31.33 2.40 0.95
EAST RIVER___6 23660	18.80 1.21 0.00	20.78 1.43 0.00	21.32 1.48 0.00	22.59 1.53 0.00	22.74 1.53 0.00	19.63 1.29 0.00	25.83 1.74 0.00	35.22 2.44 0.00	33.24 2.42 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.11 2.11 0.00	24.55 2.03 0.00	27.66 2.43 0.00	29.48 2.60 0.00	50.81 4.24 0.00	54.54 4.46 0.00	39.56 3.05 0.00	38.68 2.91 0.00	40.19 2.87 0.00	37.73 2.54 0.00	43.85 2.63 0.00	36.50 2.24 0.00	31.87 2.00 0.00
EAST RIVER___7 23524	18.80 1.21 0.00	20.78 1.43 0.00	21.32 1.48 0.00	22.59 1.53 0.00	22.74 1.53 0.00	19.63 1.29 0.00	25.83 1.74 0.00	35.22 2.44 0.00	33.24 2.42 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.11 2.11 0.00	24.55 2.03 0.00	27.66 2.43 0.00	29.48 2.60 0.00	50.81 4.24 0.00	54.54 4.46 0.00	39.56 3.05 0.00	38.68 2.91 0.00	40.19 2.87 0.00	37.73 2.54 0.00	43.85 2.63 0.00	36.50 2.24 0.00	31.87 2.00 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.66 1.06 0.00	20.61 1.26 0.00	21.17 1.33 0.00	22.44 1.37 0.00	22.57 1.37 0.00	19.48 1.14 0.00	25.61 1.52 0.00	34.94 2.16 0.00	32.92 2.11 0.00	30.44 2.10 0.00	27.64 1.95 0.00	25.80 1.80 0.00	24.24 1.71 0.00	27.28 2.05 0.00	29.08 2.19 0.00	50.16 3.59 0.00	53.90 3.82 0.00	39.07 2.56 0.00	38.26 2.50 0.00	39.79 2.47 0.00	37.38 2.19 0.00	43.51 2.29 0.00	36.18 1.92 0.00	31.61 1.73 0.00
EAST_HAMPTON___DIESEL 23722	19.24 1.65 0.00	21.22 1.86 0.00	22.06 2.21 0.00	23.35 2.29 0.00	23.57 2.36 0.00	20.22 1.88 0.00	26.58 2.49 0.00	36.14 3.37 0.00	33.89 3.07 0.00	31.50 3.16 0.00	28.87 3.18 0.00	26.96 2.96 0.00	25.30 2.78 0.00	28.24 3.00 0.00	27.14 2.93 2.67	42.20 4.66 9.03	14.46 4.08 39.70	18.32 2.86 21.05	37.35 3.52 1.93	32.28 3.27 8.31	34.33 2.97 3.83	35.36 3.11 8.97	31.01 2.62 5.87	31.33 2.40 0.95
EAST_POINT___SOLAR 323840	18.67 1.08 0.00	20.51 1.16 0.00	21.01 1.17 0.00	22.29 1.22 0.00	22.50 1.29 0.00	19.51 1.18 0.00	25.78 1.69 0.00	34.93 2.16 0.00	32.28 1.47 0.00	28.57 0.23 0.00	25.76 0.07 0.00	24.24 0.23 0.00	22.99 0.47 0.00	26.18 0.95 0.00	28.13 1.25 0.00	49.23 2.66 0.00	53.45 3.38 0.00	39.18 2.67 0.00	38.55 2.79 0.00	40.10 2.79 0.00	37.75 2.56 0.00	44.23 3.01 0.00	36.67 2.40 0.00	31.86 1.98 0.00
EAST_PULASKI___ESR 323781	17.18 -0.42 0.00	18.79 -0.56 0.00	19.25 -0.59 0.00	20.49 -0.57 0.00	20.55 -0.66 0.00	17.81 -0.52 0.00	23.36 -0.73 0.00	31.76 -1.02 0.00	29.82 -0.99 0.00	27.27 -1.07 0.00	24.76 -0.93 0.00	23.20 -0.81 0.00	21.81 -0.72 0.00	24.38 -0.85 0.00	25.97 -0.91 0.00	45.27 -1.30 0.00	48.81 -1.27 0.00	35.67 -0.84 0.00	34.92 -0.85 0.00	36.35 -0.97 0.00	34.28 -0.92 0.00	40.53 -0.98 -0.29	33.52 -0.74 0.00	29.16 -0.72 0.00
EAST_RIVER___1 323558	18.77 1.18 0.00	20.75 1.40 0.00	21.30 1.46 0.00	22.57 1.51 0.00	22.71 1.50 0.00	19.60 1.26 0.00	25.78 1.69 0.00	35.16 2.38 0.00	33.16 2.35 0.00	30.70 2.36 0.00	27.88 2.19 0.00	26.04 2.04 0.00	24.47 1.94 0.00	27.56 2.33 0.00	29.38 2.50 0.00	50.64 4.07 0.00	54.39 4.32 0.00	39.42 2.91 0.00	38.56 2.79 0.00	40.08 2.76 0.00	37.64 2.44 0.00	43.77 2.55 0.00	36.43 2.16 0.00	31.82 1.94 0.00
EAST_RIVER___2 323559	18.80 1.21 0.00	20.78 1.43 0.00	21.32 1.48 0.00	22.59 1.53 0.00	22.74 1.53 0.00	19.63 1.29 0.00	25.83 1.74 0.00	35.22 2.44 0.00	33.24 2.42 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.11 2.11 0.00	24.55 2.03 0.00	27.66 2.43 0.00	29.48 2.60 0.00	50.81 4.24 0.00	54.54 4.46 0.00	39.56 3.05 0.00	38.68 2.91 0.00	40.19 2.87 0.00	37.73 2.54 0.00	43.85 2.63 0.00	36.50 2.24 0.00	31.87 2.00 0.00
EAST___DELAWARE_HYD 23607	18.69 1.10 0.00	20.63 1.28 0.00	21.18 1.34 0.00	22.46 1.40 0.00	22.61 1.40 0.00	19.53 1.19 0.00	25.71 1.62 0.00	35.11 2.33 0.00	33.01 2.20 0.00	30.40 2.06 0.00	27.53 1.84 0.00	25.64 1.63 0.00	24.06 1.53 0.00	27.09 1.86 0.00	28.92 2.04 0.00	50.02 3.45 0.00	53.88 3.80 0.00	39.21 2.70 0.00	38.51 2.74 0.00	40.09 2.78 0.00	37.65 2.46 0.00	43.84 2.62 0.00	36.41 2.15 0.00	31.77 1.89 0.00
EIGHT_POINT___WT_PWR 323820	16.34 -1.25 0.00	21.24 -1.43 -3.32	18.76 -1.59 -0.50	20.08 -1.68 -0.69	19.69 -1.52 0.00	17.19 -1.28 -0.13	26.77 -1.67 -4.34	41.81 -2.54 -11.58	28.26 -2.55 0.00	26.61 -1.73 0.00	24.03 -1.66 0.00	22.11 -1.89 0.00	20.67 -1.85 0.00	23.83 -1.40 0.00	35.71 -1.44 -10.27	57.99 -2.30 -13.72	94.26 -2.22 -46.41	53.32 -1.87 -18.68	57.10 -1.49 -22.82	44.35 -1.26 -8.29	38.94 -1.99 -5.74	41.73 -2.04 -2.55	33.31 -1.71 -0.76	28.79 -1.09 0.00
ELBRIDGE_115KV_TB2 80188	17.33 -0.26 0.00	19.05 -0.30 0.00	19.61 -0.23 0.00	20.71 -0.35 0.00	20.71 -0.50 0.00	17.97 -0.37 0.00	23.58 -0.51 0.00	31.99 -0.79 0.00	30.05 -0.76 0.00	27.52 -0.82 0.00	24.95 -0.74 0.00	23.34 -0.67 0.00	21.95 -0.57 0.00	24.56 -0.67 0.00	26.23 -0.65 0.00	45.50 -1.08 0.00	48.95 -1.12 0.00	35.71 -0.81 0.00	35.01 -0.76 0.00	36.55 -0.77 0.00	34.36 -0.83 0.00	40.09 -1.13 0.00	33.37 -0.90 0.00	29.15 -0.73 0.00
ELEC_TRO_TEK 24086	18.81 1.22 0.00	20.76 1.41 0.00	21.35 1.51 0.00	22.62 1.55 0.00	22.77 1.56 0.00	19.59 1.25 0.00	25.71 1.62 0.00	35.02 2.24 0.00	32.95 2.14 0.00	30.60 2.26 0.00	27.97 2.28 0.00	26.12 2.12 0.00	24.51 1.99 0.00	27.50 2.26 0.00	28.34 2.22 0.76	47.42 3.42 2.58	42.33 3.58 11.32	33.31 2.43 5.63	37.65 2.40 0.51	37.45 2.34 2.21	36.29 2.04 0.95	40.94 2.11 2.39	34.49 1.79 1.56	31.31 1.69 0.25

ELLENBURG_WT_PWR 323604	17.60 0.01 0.00	19.04 -0.31 0.00	-3.90 -0.64 23.10	-21.05 -0.73 41.38	-21.00 -0.67 41.55	-21.01 -0.55 38.79	-21.09 -0.69 44.50	-21.12 -0.87 53.04	-21.10 -0.75 51.16	-21.02 -0.65 48.71	-20.95 -0.55 46.09	-20.97 -0.51 44.47	-21.05 -0.53 43.04	-21.09 -0.77 45.55	-8.20 -0.83 34.24	19.95 -1.07 25.56	-15.78 -1.42 64.44	27.11 -0.53 8.87	35.29 -0.48 0.00	17.63 -0.77 18.92	35.08 -0.11 0.00	41.54 0.31 0.00	34.41 0.15 0.00	29.97 0.09 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.48 -1.12 0.00	16.90 -1.34 1.11	18.18 -1.50 0.17	19.17 -1.65 0.24	19.74 -1.48 0.00	17.06 -1.23 0.05	21.06 -1.58 1.45	26.56 -2.34 3.88	28.80 -2.01 0.00	26.78 -1.56 0.00	24.60 -1.10 0.00	23.21 -0.79 0.00	21.72 -0.81 0.00	24.16 -1.07 0.00	22.16 -1.28 3.44	39.51 -2.47 4.60	31.58 -2.94 15.56	27.99 -2.27 6.26	25.96 -2.15 7.65	32.59 -1.95 2.78	31.21 -2.06 1.92	37.30 -2.54 1.38	32.12 -1.88 0.26	28.52 -1.36 0.00
EMPIRE_CC_1 323656	18.30 0.71 0.00	20.21 0.86 0.00	20.80 0.96 0.00	22.10 1.03 0.00	22.22 1.01 0.00	19.16 0.82 0.00	25.22 1.13 0.00	34.46 1.69 0.00	32.41 1.60 0.00	29.74 1.40 0.00	26.80 1.11 0.00	24.94 0.94 0.00	23.36 0.83 0.00	26.20 0.97 0.00	27.95 1.07 0.00	48.34 1.77 0.00	52.14 2.07 0.00	37.95 1.44 0.00	37.22 1.46 0.00	38.83 1.51 0.00	36.70 1.51 0.00	42.88 1.65 0.00	35.59 1.33 0.00	31.05 1.17 0.00
EMPIRE_CC_2 323658	18.30 0.71 0.00	20.21 0.86 0.00	20.80 0.96 0.00	22.10 1.03 0.00	22.22 1.01 0.00	19.16 0.82 0.00	25.22 1.13 0.00	34.46 1.69 0.00	32.41 1.60 0.00	29.74 1.40 0.00	26.80 1.11 0.00	24.94 0.94 0.00	23.36 0.83 0.00	26.20 0.97 0.00	27.95 1.07 0.00	48.34 1.77 0.00	52.14 2.07 0.00	37.95 1.44 0.00	37.22 1.46 0.00	38.83 1.51 0.00	36.70 1.51 0.00	42.88 1.65 0.00	35.59 1.33 0.00	31.05 1.17 0.00
ENORWICH_115KV_TB1 80156	18.07 0.47 0.00	19.94 0.37 -0.21	20.29 0.41 -0.03	21.66 0.55 -0.04	21.77 0.57 0.00	18.86 0.51 -0.01	25.31 0.94 -0.27	34.92 1.42 -0.72	31.96 1.15 0.00	29.26 0.92 0.00	26.53 0.84 0.00	24.67 0.67 0.00	23.01 0.49 0.00	25.83 0.60 0.00	28.22 0.70 -0.64	49.10 1.67 -0.86	54.90 1.93 -2.90	39.68 2.00 -1.17	39.46 2.27 -1.43	40.24 2.41 -0.52	37.59 2.04 -0.36	43.67 2.39 -0.06	35.93 1.62 -0.05	31.15 1.28 0.00
ERIE_ST_34_KV_TB1-2 80199	16.78 -0.81 0.00	17.44 -0.98 0.93	18.59 -1.12 0.14	19.62 -1.25 0.19	20.12 -1.09 0.00	17.40 -0.90 0.04	21.78 -1.09 1.22	27.90 -1.61 3.26	29.43 -1.38 0.00	27.37 -0.97 0.00	25.12 -0.57 0.00	23.68 -0.32 0.00	22.15 -0.37 0.00	24.73 -0.50 0.00	23.41 -0.58 2.89	41.45 -1.25 3.87	35.35 -1.64 13.08	29.82 -1.43 5.26	28.01 -1.32 6.43	33.88 -1.10 2.34	32.30 -1.28 1.62	38.33 -1.68 1.21	32.86 -1.19 0.22	29.08 -0.80 0.00
ERIE_WT_PWR 323693	16.55 -1.05 0.00	17.04 -1.26 1.06	18.26 -1.42 0.16	19.28 -1.57 0.22	19.82 -1.39 0.00	17.14 -1.16 0.04	21.20 -1.50 1.39	26.92 -2.16 3.70	28.95 -1.87 0.00	26.91 -1.43 0.00	24.72 -0.98 0.00	23.31 -0.69 0.00	21.80 -0.73 0.00	24.29 -0.94 0.00	22.44 -1.16 3.28	39.95 -2.24 4.38	32.66 -2.59 14.82	28.50 -2.05 5.96	26.56 -1.91 7.29	32.97 -1.70 2.65	31.55 -1.81 1.83	37.67 -2.23 1.33	32.37 -1.65 0.24	28.73 -1.15 0.00
ESPRGFLD_115KV_TB1 80157	18.27 0.68 0.00	20.10 0.74 0.00	20.58 0.73 0.00	21.84 0.79 0.00	22.05 0.84 0.00	19.06 0.73 0.00	25.11 1.02 0.00	34.09 1.32 0.00	31.95 1.14 0.00	29.33 0.99 0.00	26.70 1.01 0.00	25.04 1.04 0.00	23.53 1.01 0.00	26.46 1.23 0.00	28.20 1.32 0.00	48.91 2.34 0.00	52.60 2.53 0.00	38.34 1.83 0.00	37.63 1.87 0.00	39.17 1.85 0.00	36.85 1.66 0.00	43.17 2.01 0.07	35.93 1.67 0.00	31.25 1.37 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.51 -0.08 0.00	19.52 -0.18 -0.34	19.69 -0.21 -0.05	20.85 -0.28 -0.07	20.94 -0.27 0.00	18.18 -0.17 -0.01	24.36 -0.18 -0.44	33.67 -0.29 -1.17	30.48 -0.33 0.00	27.83 -0.51 0.00	25.15 -0.54 0.00	23.49 -0.52 0.00	22.02 -0.51 0.00	24.68 -0.55 0.00	27.47 -0.44 -1.04	47.28 -0.68 -1.39	54.25 -0.53 -4.70	38.28 -0.13 -1.90	38.08 0.00 -2.31	38.16 0.00 -0.84	35.67 -0.11 -0.58	41.16 -0.25 -0.18	34.04 -0.30 -0.08	29.60 -0.28 0.00
ETNA____115KV_TB2 80207	17.51 -0.08 0.00	19.52 -0.18 -0.34	19.69 -0.21 -0.05	20.85 -0.28 -0.07	20.94 -0.27 0.00	18.18 -0.17 -0.01	24.36 -0.18 -0.44	33.67 -0.29 -1.17	30.48 -0.33 0.00	27.83 -0.51 0.00	25.15 -0.54 0.00	23.49 -0.52 0.00	22.02 -0.51 0.00	24.68 -0.55 0.00	27.47 -0.44 -1.04	47.28 -0.68 -1.39	54.25 -0.53 -4.70	38.28 -0.13 -1.90	38.08 0.00 -2.31	38.16 0.00 -0.84	35.67 -0.11 -0.58	41.16 -0.25 -0.18	34.04 -0.30 -0.08	29.60 -0.28 0.00
EUCLID____115KV_TB2 356179	17.19 -0.40 0.00	18.88 -0.47 0.00	19.36 -0.48 0.00	20.52 -0.54 0.00	20.65 -0.55 0.00	17.89 -0.45 0.00	23.47 -0.62 0.00	31.84 -0.94 0.00	29.92 -0.89 0.00	27.47 -0.87 0.00	24.91 -0.78 0.00	23.31 -0.70 0.00	21.89 -0.64 0.00	24.52 -0.71 0.00	26.14 -0.74 0.00	45.30 -1.27 0.00	48.71 -1.37 0.00	35.53 -0.98 0.00	34.83 -0.93 0.00	36.34 -0.98 0.00	34.20 -0.99 0.00	39.76 -1.24 0.22	33.24 -1.03 0.00	29.03 -0.85 0.00
E_CANADA_CAP_HY 24051	18.49 0.90 0.00	20.31 0.95 0.00	20.78 0.93 0.00	22.03 0.98 0.00	22.26 1.04 0.00	19.28 0.95 0.00	25.41 1.32 0.00	34.42 1.64 0.00	32.10 1.29 0.00	29.15 0.81 0.00	26.43 0.74 0.00	24.82 0.82 0.00	23.39 0.87 0.00	26.30 1.07 0.00	28.06 1.18 0.00	48.94 2.37 0.00	52.96 2.89 0.00	38.69 2.18 0.00	37.95 2.19 0.00	39.40 2.08 0.00	37.14 1.95 0.00	43.68 2.45 0.00	36.29 2.04 0.00	31.55 1.67 0.00
E_CANADA_MHWK_HY 24050	17.76 0.17 0.00	19.67 0.31 0.00	20.29 0.45 0.00	21.55 0.49 0.00	21.66 0.45 0.00	18.69 0.35 0.00	24.68 0.59 0.00	33.78 1.00 0.00	31.43 0.61 0.00	28.36 0.01 0.00	25.41 -0.28 0.00	23.62 -0.38 0.00	22.17 -0.36 0.00	24.96 -0.27 0.00	26.76 -0.12 0.00	47.14 0.57 0.00	51.08 1.01 0.00	37.13 0.62 0.00	36.58 0.82 0.00	37.91 0.59 0.00	35.81 0.62 0.00	42.02 0.80 0.00	34.67 0.40 0.00	30.18 0.30 0.00
E_FISHKILL____LBMP 23776	18.54 0.95 0.00	20.48 1.13 0.00	21.05 1.20 0.00	22.32 1.26 0.00	22.45 1.24 0.00	19.36 1.03 0.00	25.46 1.37 0.00	34.76 1.98 0.00	32.74 1.93 0.00	30.23 1.89 0.00	27.41 1.72 0.00	25.57 1.57 0.00	24.01 1.48 0.00	27.01 1.78 0.00	28.79 1.92 0.00	49.71 3.14 0.00	53.45 3.37 0.00	38.78 2.26 0.00	37.97 2.21 0.00	39.54 2.21 0.00	37.18 1.99 0.00	43.30 2.08 0.00	36.00 1.74 0.00	31.44 1.56 0.00
FALCON____SEABRD_CC1 323796	17.98 0.39 0.00	19.50 0.15 0.00	-3.86 -0.18 23.52	-21.29 -0.21 42.14	-21.34 -0.24 42.31	-21.42 -0.25 39.50	-21.38 -0.16 45.31	-21.37 -0.14 54.01	-21.44 -0.15 52.10	-21.53 -0.26 49.60	-21.59 -0.34 46.94	-21.54 -0.26 45.29	-21.50 -0.19 43.83	-21.46 -0.31 46.39	-8.42 -0.43 34.87	20.26 -0.28 26.03	-16.10 -0.55 65.62	27.34 -0.14 9.04	35.89 0.12 0.00	17.99 -0.07 19.27	36.00 0.81 0.00	42.61 1.39 0.00	35.46 1.20 0.00	30.74 0.86 0.00

FALCON___SEABRD_CC2 323797	17.98 0.39 0.00	19.50 0.15 0.00	-3.86 -0.18 23.52	-21.29 -0.21 42.14	-21.34 -0.24 42.31	-21.42 -0.25 39.50	-21.38 -0.16 45.31	-21.37 -0.14 54.01	-21.44 -0.15 52.10	-21.53 -0.26 49.60	-21.59 -0.34 46.94	-21.54 -0.26 45.29	-21.50 -0.19 43.83	-21.46 -0.31 46.39	-8.42 -0.43 34.87	20.26 -0.28 26.03	-16.10 -0.55 65.62	27.34 -0.14 9.04	35.89 0.12 0.00	17.99 -0.07 19.27	36.00 0.81 0.00	42.61 1.39 0.00	35.46 1.20 0.00	30.74 0.86 0.00
FAR ROCKAWAY___4 23548	19.02 1.42 0.00	20.98 1.62 0.00	21.57 1.72 0.00	22.84 1.78 0.00	23.00 1.79 0.00	19.80 1.46 0.00	25.99 1.90 0.00	35.39 2.62 0.00	33.27 2.46 0.00	30.92 2.58 0.00	28.30 2.61 0.00	26.50 2.50 0.00	24.86 2.34 0.00	27.90 2.68 0.00	29.24 2.68 0.31	49.68 4.17 1.06	49.72 4.30 4.66	36.42 2.80 2.90	38.41 2.91 0.27	39.04 2.88 1.16	37.54 2.50 0.15	42.60 2.63 1.25	35.66 2.22 0.82	31.80 2.05 0.13
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.76 1.17 0.00	20.74 1.39 0.00	21.29 1.45 0.00	22.56 1.50 0.00	22.69 1.49 0.00	19.60 1.26 0.00	25.75 1.67 0.00	35.13 2.36 0.00	33.14 2.33 0.00	30.67 2.33 0.00	27.86 2.17 0.00	26.01 2.01 0.00	24.45 1.92 0.00	27.53 2.30 0.00	29.35 2.47 0.00	50.60 4.03 0.00	54.33 4.26 0.00	39.39 2.87 0.00	38.53 2.77 0.00	40.05 2.73 0.00	37.62 2.42 0.00	43.73 2.51 0.00	36.41 2.14 0.00	31.80 1.92 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.77 1.18 0.00	20.75 1.40 0.00	21.30 1.46 0.00	22.56 1.50 0.00	22.70 1.49 0.00	19.60 1.26 0.00	25.76 1.67 0.00	35.14 2.36 0.00	33.15 2.33 0.00	30.68 2.34 0.00	27.86 2.17 0.00	26.01 2.01 0.00	24.45 1.92 0.00	27.53 2.31 0.00	29.35 2.47 0.00	50.60 4.03 0.00	54.35 4.27 0.00	39.39 2.88 0.00	38.54 2.77 0.00	40.06 2.74 0.00	37.63 2.43 0.00	43.76 2.54 0.00	36.42 2.16 0.00	31.81 1.94 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.76 1.16 0.00	20.74 1.38 0.00	21.28 1.44 0.00	22.55 1.49 0.00	22.69 1.49 0.00	19.58 1.25 0.00	25.75 1.66 0.00	35.12 2.34 0.00	33.12 2.31 0.00	30.67 2.33 0.00	27.84 2.15 0.00	26.00 2.00 0.00	24.43 1.91 0.00	27.53 2.30 0.00	29.34 2.46 0.00	50.58 4.01 0.00	54.31 4.23 0.00	39.37 2.86 0.00	38.50 2.74 0.00	40.02 2.70 0.00	37.60 2.40 0.00	43.72 2.50 0.00	36.39 2.12 0.00	31.79 1.92 0.00
FARRAGUT___LBMP 323566	18.75 1.15 0.00	20.72 1.37 0.00	21.27 1.43 0.00	22.54 1.48 0.00	22.67 1.47 0.00	19.57 1.24 0.00	25.73 1.64 0.00	35.09 2.31 0.00	33.09 2.28 0.00	30.64 2.30 0.00	27.82 2.12 0.00	25.97 1.97 0.00	24.41 1.88 0.00	27.50 2.27 0.00	29.31 2.43 0.00	50.51 3.94 0.00	54.26 4.18 0.00	39.33 2.82 0.00	38.47 2.70 0.00	39.99 2.67 0.00	37.57 2.37 0.00	43.69 2.47 0.00	36.36 2.10 0.00	31.77 1.89 0.00
FENNER___WINDPWR 24204	17.67 0.08 0.00	19.37 0.02 0.00	19.85 0.00 0.00	21.04 -0.02 0.00	21.20 0.00 0.00	18.41 0.08 0.00	24.21 0.12 0.00	32.96 0.18 0.00	30.94 0.12 0.00	28.28 -0.06 0.00	25.59 -0.10 0.00	23.89 -0.11 0.00	22.40 -0.12 0.00	25.15 -0.08 0.00	26.93 0.05 0.00	46.71 0.14 0.00	50.46 0.39 0.00	36.90 0.39 0.00	36.19 0.43 0.00	37.72 0.40 0.00	35.54 0.34 0.00	41.48 0.34 0.08	34.43 0.17 0.00	29.99 0.11 0.00
FIBERTEK___ENERGY 23856	17.38 -0.21 0.00	19.09 -0.26 0.00	19.63 -0.21 0.00	20.79 -0.27 0.00	20.82 -0.39 0.00	18.05 -0.29 0.00	23.69 -0.40 0.00	32.13 -0.64 0.00	30.18 -0.63 0.00	27.66 -0.68 0.00	25.08 -0.61 0.00	23.46 -0.54 0.00	22.04 -0.48 0.00	24.69 -0.54 0.00	26.34 -0.54 0.00	45.69 -0.88 0.00	49.19 -0.88 0.00	35.89 -0.62 0.00	35.19 -0.57 0.00	36.73 -0.59 0.00	34.54 -0.66 0.00	40.36 -0.86 0.00	33.54 -0.72 0.00	29.29 -0.59 0.00
FITZPATRICK____ 23598	16.97 -0.62 0.00	18.65 -0.70 0.00	19.13 -0.72 0.00	20.29 -0.77 0.00	20.44 -0.77 0.00	17.70 -0.63 0.00	23.19 -0.90 0.00	31.45 -1.33 0.00	29.55 -1.26 0.00	27.15 -1.19 0.00	24.63 -1.07 0.00	23.03 -0.98 0.00	21.62 -0.90 0.00	24.20 -1.03 0.00	25.80 -1.08 0.00	44.69 -1.88 0.00	48.05 -2.02 0.00	35.07 -1.44 0.00	34.37 -1.40 0.00	35.87 -1.45 0.00	33.78 -1.42 0.00	39.49 -1.73 0.00	32.83 -1.43 0.00	28.68 -1.20 0.00
FLOWRFLD_69_KV_BK1 356044	18.86 1.27 0.00	20.80 1.45 0.00	21.51 1.67 0.00	22.78 1.72 0.00	22.95 1.74 0.00	19.63 1.29 0.00	25.71 1.62 0.00	35.00 2.22 0.00	32.85 2.04 0.00	30.62 2.28 0.00	28.15 2.46 0.00	26.29 2.29 0.00	24.68 2.16 0.00	27.45 2.22 0.00	26.25 2.04 2.66	40.71 3.13 8.99	13.48 2.95 39.55	17.48 1.94 20.97	35.92 2.08 1.93	30.93 1.90 8.28	33.12 1.74 3.82	34.07 1.78 8.93	30.01 1.61 5.85	30.54 1.61 0.95
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.75 1.15 0.00	20.70 1.35 0.00	21.25 1.41 0.00	22.53 1.47 0.00	22.68 1.47 0.00	19.57 1.24 0.00	25.77 1.68 0.00	35.20 2.42 0.00	33.13 2.32 0.00	30.56 2.22 0.00	27.71 2.02 0.00	25.83 1.83 0.00	24.25 1.73 0.00	27.31 2.08 0.00	29.13 2.25 0.00	50.37 3.80 0.00	54.21 4.13 0.00	39.36 2.85 0.00	38.56 2.79 0.00	40.14 2.82 0.00	37.73 2.54 0.00	43.91 2.69 0.00	36.47 2.21 0.00	31.82 1.94 0.00
FORT ORANGE____ 23900	18.12 0.52 0.00	20.03 0.68 0.00	20.63 0.79 0.00	21.91 0.85 0.00	22.01 0.80 0.00	18.99 0.65 0.00	25.04 0.95 0.00	34.19 1.41 0.00	32.10 1.29 0.00	29.40 1.06 0.00	26.47 0.78 0.00	24.62 0.62 0.00	23.06 0.54 0.00	25.87 0.64 0.00	27.61 0.74 0.00	47.84 1.27 0.00	51.66 1.59 0.00	37.75 1.24 0.00	37.12 1.36 0.00	38.71 1.39 0.00	36.51 1.32 0.00	42.61 1.39 0.00	35.32 1.06 0.00	30.79 0.91 0.00
FORT_DRUM_COGEN 23780	17.46 -0.13 0.00	18.89 -0.46 0.00	20.06 -0.73 -0.95	22.03 -0.73 -1.70	22.16 -0.73 -1.68	19.38 -0.53 -1.57	25.33 -0.56 -1.80	34.29 -0.63 -2.15	32.11 -0.77 -2.07	29.23 -1.09 -1.97	26.70 -0.86 -1.87	25.13 -0.68 -1.80	23.73 -0.53 -1.74	26.36 -0.71 -1.84	27.42 -0.84 -1.39	47.05 -0.56 -1.03	52.55 -0.14 -2.61	36.99 0.12 -0.36	35.72 -0.04 0.00	37.90 -0.18 -0.77	35.15 -0.04 0.00	41.86 0.55 -0.09	34.77 0.51 0.00	29.94 0.06 0.00
FOX_HILLS___ESR 323835	18.83 1.24 0.00	20.81 1.46 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.76 1.55 0.00	19.66 1.32 0.00	25.84 1.75 0.00	35.26 2.48 0.00	33.24 2.43 0.00	30.73 2.39 0.00	27.91 2.22 0.00	26.03 2.02 0.00	24.43 1.90 0.00	27.51 2.28 0.00	29.33 2.45 0.00	50.36 3.79 0.00	54.22 4.15 0.00	39.38 2.87 0.00	38.52 2.75 0.00	40.06 2.74 0.00	37.67 2.48 0.00	43.69 2.47 0.00	36.41 2.15 0.00	31.91 2.03 0.00
FPL FAR_ROCK_GT1 24212	19.02 1.42 0.00	20.98 1.62 0.00	21.57 1.72 0.00	22.84 1.78 0.00	22.99 1.79 0.00	19.80 1.46 0.00	26.01 1.91 0.00	35.39 2.62 0.00	33.27 2.46 0.00	30.92 2.58 0.00	28.30 2.61 0.00	26.51 2.50 -0.01	24.87 2.34 0.00	27.91 2.68 0.00	29.24 2.68 0.31	49.66 4.15 1.06	49.72 4.31 4.66	36.39 2.78 2.90	38.40 2.91 0.27	39.04 2.88 1.16	37.53 2.49 0.15	42.61 2.64 1.25	35.67 2.23 0.82	31.79 2.05 0.13

FPL FAR_ROCK_GT2 23815	19.02 1.42 0.00	20.98 1.62 0.00	21.57 1.72 0.00	22.84 1.78 0.00	22.99 1.79 0.00	19.80 1.46 0.00	26.01 1.91 0.00	35.39 2.62 0.00	33.27 2.46 0.00	30.92 2.58 0.00	28.30 2.61 0.00	26.51 2.50 -0.01	24.87 2.34 0.00	27.91 2.68 0.00	29.24 2.68 0.31	49.66 4.15 1.06	49.72 4.31 4.66	36.39 2.78 2.90	38.40 2.91 0.27	39.04 2.88 1.16	37.53 2.49 0.15	42.61 2.64 1.25	35.67 2.23 0.82	31.79 2.05 0.13
FRANKLIN_FALL_HYD 24054	17.82 0.23 0.00	19.31 -0.04 0.00	34.42 -0.32 -14.90	47.41 -0.34 -26.69	47.71 -0.29 -26.79	43.14 -0.21 -25.01	52.62 -0.16 -28.69	66.85 -0.13 -34.20	63.70 -0.10 -32.99	59.68 -0.07 -31.41	55.37 -0.04 -29.72	52.64 -0.04 -28.68	50.22 -0.06 -27.75	54.36 -0.24 -29.37	48.65 -0.31 -22.08	62.81 -0.24 -16.48	91.35 -0.27 -41.55	42.46 0.23 -5.72	35.98 0.21 0.00	49.59 0.08 -12.20	35.73 0.53 0.00	42.25 1.02 0.00	35.02 0.76 0.00	30.41 0.54 0.00
FREEPORT_EQUS_GT1 23764	18.89 1.30 0.00	20.84 1.49 0.00	21.43 1.59 0.00	22.70 1.64 0.00	22.86 1.65 0.00	19.66 1.32 0.00	25.81 1.71 0.00	35.12 2.34 0.00	33.00 2.19 0.00	30.69 2.35 0.00	28.09 2.39 0.00	26.28 2.27 0.00	24.64 2.11 0.00	27.62 2.39 0.00	27.63 2.31 1.56	44.84 3.54 5.26	30.63 3.70 23.15	26.79 2.47 12.19	37.12 2.47 1.12	34.93 2.42 4.81	35.31 2.18 2.06	38.28 2.26 5.19	32.79 1.93 3.40	31.13 1.80 0.55
FREEPORT___CT2 23818	18.89 1.30 0.00	20.84 1.49 0.00	21.43 1.59 0.00	22.70 1.64 0.00	22.86 1.65 0.00	19.66 1.32 0.00	25.81 1.71 0.00	35.12 2.34 0.00	33.00 2.19 0.00	30.69 2.35 0.00	28.09 2.39 0.00	26.28 2.27 0.00	24.64 2.11 0.00	27.62 2.39 0.00	27.63 2.31 1.56	44.84 3.54 5.26	30.63 3.70 23.15	26.79 2.47 12.19	37.12 2.47 1.12	34.93 2.42 4.81	35.31 2.18 2.06	38.28 2.26 5.19	32.79 1.93 3.40	31.13 1.80 0.55
FRESHKLS_33_KV_LOAD 356253	18.86 1.27 0.00	20.84 1.49 0.00	21.38 1.53 0.00	22.65 1.59 0.00	22.80 1.59 0.00	19.68 1.35 0.00	25.88 1.79 0.00	35.31 2.54 0.00	33.26 2.45 0.00	30.75 2.41 0.00	27.92 2.22 0.00	26.02 2.02 0.00	24.41 1.89 0.00	27.50 2.27 0.00	29.31 2.43 0.00	50.27 3.70 0.00	54.20 4.13 0.00	39.41 2.89 0.00	38.54 2.77 0.00	40.08 2.76 0.00	37.71 2.51 0.00	43.69 2.46 0.00	36.41 2.14 0.00	31.95 2.07 0.00
FULTON COGEN____ 23766	17.11 -0.48 0.00	18.80 -0.55 0.00	19.34 -0.51 0.00	20.58 -0.48 0.00	20.60 -0.61 0.00	17.85 -0.49 0.00	23.41 -0.69 0.00	31.76 -1.02 0.00	29.84 -0.97 0.00	27.36 -0.98 0.00	24.81 -0.88 0.00	23.18 -0.82 0.00	21.79 -0.74 0.00	24.39 -0.84 0.00	26.02 -0.86 0.00	45.15 -1.42 0.00	48.59 -1.49 0.00	35.44 -1.07 0.00	34.75 -1.01 0.00	36.27 -1.05 0.00	34.13 -1.06 0.00	40.23 -1.34 -0.34	33.14 -1.13 0.00	28.93 -0.94 0.00
FULTON___LFGE 323630	18.56 0.97 0.00	20.42 1.07 0.00	20.94 1.10 0.00	22.22 1.16 0.00	22.42 1.21 0.00	19.41 1.08 0.00	25.63 1.54 0.00	34.84 2.06 0.00	32.39 1.58 0.00	29.07 0.72 0.00	26.17 0.48 0.00	24.49 0.49 0.00	23.06 0.54 0.00	25.94 0.71 0.00	27.72 0.84 0.00	48.99 2.42 0.00	53.22 3.15 0.00	38.93 2.42 0.00	38.26 2.49 0.00	39.81 2.49 0.00	37.49 2.29 0.00	43.90 2.68 0.00	36.42 2.16 0.00	31.67 1.79 0.00
G.F.CEMENT___DRP 24184	18.56 0.97 0.00	20.50 1.15 0.00	21.07 1.23 0.00	22.38 1.32 0.00	22.58 1.37 0.00	19.47 1.14 0.00	25.75 1.66 0.00	35.22 2.44 0.00	33.00 2.19 0.00	30.25 1.91 0.00	27.07 1.38 0.00	25.09 1.09 0.00	23.54 1.02 0.00	26.46 1.23 0.00	28.10 1.22 0.00	48.97 2.40 0.00	53.05 2.98 0.00	38.66 2.15 0.00	37.94 2.18 0.00	39.80 2.48 0.00	37.47 2.28 0.00	43.75 2.53 0.00	36.25 1.99 0.00	31.58 1.71 0.00
GARDENVILLE___LBMP 24039	16.50 -1.10 0.00	16.83 -1.31 1.22	18.19 -1.47 0.18	19.19 -1.61 0.26	19.77 -1.44 0.00	17.08 -1.20 0.05	20.96 -1.52 1.61	26.25 -2.25 4.28	28.87 -1.95 0.00	26.85 -1.49 0.00	24.66 -1.03 0.00	23.26 -0.74 0.00	21.76 -0.76 0.00	24.23 -1.00 0.00	21.88 -1.20 3.80	39.17 -2.32 5.08	30.15 -2.76 17.17	27.45 -2.15 6.91	25.32 -2.00 8.45	32.46 -1.80 3.07	31.15 -1.92 2.12	37.40 -2.35 1.47	32.24 -1.74 0.28	28.63 -1.25 0.00
GARDNVLA_35_KV_LD 355827	16.58 -1.02 0.00	17.13 -1.23 0.99	18.31 -1.39 0.15	19.33 -1.53 0.20	19.86 -1.35 0.00	17.17 -1.13 0.04	21.35 -1.44 1.31	27.17 -2.13 3.48	28.99 -1.82 0.00	26.97 -1.37 0.00	24.76 -0.93 0.00	23.36 -0.64 0.00	21.85 -0.68 0.00	24.34 -0.89 0.00	22.69 -1.10 3.09	40.32 -2.13 4.12	33.57 -2.56 13.95	28.90 -2.00 5.61	27.02 -1.89 6.86	33.19 -1.64 2.49	31.69 -1.78 1.72	37.75 -2.20 1.27	32.42 -1.62 0.23	28.74 -1.14 0.00
GELCKHM__115KV_LOAD 80723	17.26 -0.33 0.00	18.96 -0.39 0.00	19.46 -0.38 0.00	20.62 -0.44 0.00	20.72 -0.49 0.00	17.95 -0.38 0.00	23.56 -0.54 0.00	31.96 -0.82 0.00	30.02 -0.79 0.00	27.55 -0.79 0.00	24.98 -0.71 0.00	23.37 -0.63 0.00	21.95 -0.57 0.00	24.59 -0.64 0.00	26.22 -0.65 0.00	45.46 -1.11 0.00	48.91 -1.17 0.00	35.68 -0.84 0.00	34.98 -0.78 0.00	36.49 -0.82 0.00	34.35 -0.85 0.00	40.00 -1.09 0.14	33.36 -0.90 0.00	29.13 -0.75 0.00
GENERAL___MILLS 23808	16.55 -1.04 0.00	17.05 -1.25 1.06	18.28 -1.41 0.16	19.30 -1.55 0.22	19.83 -1.38 0.00	17.14 -1.15 0.04	21.25 -1.45 1.39	26.92 -2.16 3.70	28.95 -1.86 0.00	26.93 -1.41 0.00	24.73 -0.96 0.00	23.33 -0.68 0.00	21.81 -0.71 0.00	24.30 -0.93 0.00	22.47 -1.13 3.28	40.01 -2.18 4.38	32.64 -2.61 14.82	28.50 -2.05 5.96	26.55 -1.92 7.29	32.98 -1.69 2.65	31.54 -1.83 1.83	37.64 -2.26 1.33	32.36 -1.66 0.24	28.71 -1.17 0.00
GE_PLASTICS___DRP 24183	18.10 0.50 0.00	20.00 0.65 0.00	20.60 0.76 0.00	21.87 0.81 0.00	21.98 0.76 0.00	18.96 0.62 0.00	24.98 0.88 0.00	34.09 1.31 0.00	32.01 1.20 0.00	29.35 1.01 0.00	26.46 0.77 0.00	24.64 0.64 0.00	23.09 0.57 0.00	25.90 0.67 0.00	27.65 0.77 0.00	47.89 1.32 0.00	51.63 1.56 0.00	37.65 1.14 0.00	36.96 1.20 0.00	38.54 1.22 0.00	36.37 1.17 0.00	42.45 1.23 0.00	35.22 0.96 0.00	30.72 0.84 0.00
GILBOA___1 23756	18.13 0.53 0.00	20.08 0.73 0.00	20.70 0.85 0.00	22.03 0.97 0.00	22.14 0.92 0.00	19.00 0.66 0.00	24.90 0.81 0.00	33.97 1.20 0.00	31.96 1.14 0.00	29.41 1.08 0.00	26.63 0.94 0.00	24.84 0.83 0.00	23.30 0.78 0.00	26.19 0.96 0.00	27.92 1.04 0.00	48.26 1.69 0.00	51.65 1.58 0.00	37.54 1.03 0.00	36.86 1.09 0.00	38.45 1.13 0.00	36.25 1.05 0.00	42.35 1.13 0.00	35.21 0.95 0.00	30.78 0.90 0.00
GILBOA___2 23757	18.13 0.53 0.00	20.08 0.73 0.00	20.70 0.85 0.00	22.03 0.97 0.00	22.14 0.92 0.00	19.00 0.66 0.00	24.90 0.81 0.00	33.97 1.20 0.00	31.96 1.14 0.00	29.41 1.08 0.00	26.63 0.94 0.00	24.84 0.83 0.00	23.30 0.78 0.00	26.19 0.96 0.00	27.92 1.04 0.00	48.26 1.69 0.00	51.65 1.58 0.00	37.54 1.03 0.00	36.86 1.09 0.00	38.45 1.13 0.00	36.25 1.05 0.00	42.35 1.13 0.00	35.21 0.95 0.00	30.78 0.90 0.00

GILBOA___3 23758	18.13 0.53 0.00	20.08 0.73 0.00	20.70 0.85 0.00	22.03 0.97 0.00	22.14 0.92 0.00	19.00 0.66 0.00	24.90 0.81 0.00	33.97 1.20 0.00	31.96 1.14 0.00	29.41 1.08 0.00	26.63 0.94 0.00	24.84 0.83 0.00	23.30 0.78 0.00	26.19 0.96 0.00	27.92 1.04 0.00	48.26 1.69 0.00	51.65 1.58 0.00	37.54 1.03 0.00	36.86 1.09 0.00	38.45 1.13 0.00	36.25 1.05 0.00	42.35 1.13 0.00	35.21 0.95 0.00	30.78 0.90 0.00
GILBOA___4 23759	18.13 0.53 0.00	20.08 0.73 0.00	20.70 0.85 0.00	22.03 0.97 0.00	22.14 0.92 0.00	19.00 0.66 0.00	24.90 0.81 0.00	33.97 1.20 0.00	31.96 1.14 0.00	29.41 1.08 0.00	26.63 0.94 0.00	24.84 0.83 0.00	23.30 0.78 0.00	26.19 0.96 0.00	27.92 1.04 0.00	48.26 1.69 0.00	51.65 1.58 0.00	37.54 1.03 0.00	36.86 1.09 0.00	38.45 1.13 0.00	36.25 1.05 0.00	42.35 1.13 0.00	35.21 0.95 0.00	30.78 0.90 0.00
GILBOA___ 23599	18.13 0.53 0.00	20.08 0.73 0.00	20.70 0.86 0.00	22.03 0.97 0.00	22.14 0.92 0.00	19.00 0.66 0.00	24.90 0.81 0.00	33.98 1.20 0.00	31.96 1.14 0.00	29.41 1.07 0.00	26.63 0.94 0.00	24.84 0.83 0.00	23.30 0.77 0.00	26.19 0.96 0.00	27.92 1.05 0.00	48.27 1.70 0.00	51.66 1.58 0.00	37.55 1.03 0.00	36.86 1.09 0.00	38.45 1.13 0.00	36.25 1.05 0.00	42.35 1.13 0.00	35.21 0.95 0.00	30.78 0.90 0.00
GINNA___ 23603	16.28 -1.32 0.00	17.80 -1.55 0.00	18.20 -1.64 0.00	19.29 -1.77 0.00	19.53 -1.68 0.00	16.95 -1.39 0.00	22.29 -1.80 0.00	30.27 -2.51 0.00	28.52 -2.29 0.00	26.31 -2.03 0.00	23.97 -1.72 0.00	22.53 -1.47 0.00	21.11 -1.42 0.00	23.56 -1.67 0.00	25.05 -1.83 0.00	43.38 -3.20 0.00	46.52 -3.55 0.00	33.95 -2.57 0.00	33.28 -2.49 0.00	34.82 -2.50 0.00	32.67 -2.52 0.00	37.58 -3.15 0.48	31.69 -2.57 0.00	27.72 -2.16 0.00
GLEN PARK___ 23778	17.52 -0.07 0.00	18.96 -0.39 0.00	20.09 -0.66 -0.90	22.03 -0.64 -1.61	22.16 -0.64 -1.60	19.37 -0.45 -1.49	25.35 -0.45 -1.71	34.35 -0.47 -2.04	32.14 -0.63 -1.96	29.18 -1.03 -1.87	26.65 -0.81 -1.77	25.12 -0.59 -1.71	23.75 -0.42 -1.65	26.34 -0.64 -1.75	27.45 -0.75 -1.32	47.24 -0.31 -0.98	52.69 0.14 -2.47	37.18 0.33 -0.34	35.95 0.19 0.00	38.11 0.06 -0.73	35.36 0.16 0.00	42.05 0.74 -0.10	34.91 0.65 0.00	30.05 0.17 0.00
GLENDALE_27_KV_LOAD 356172	18.85 1.26 0.00	20.82 1.47 0.00	21.37 1.52 0.00	22.64 1.57 0.00	22.78 1.57 0.00	19.67 1.33 0.00	25.85 1.76 0.00	35.28 2.50 0.00	33.32 2.51 0.00	30.84 2.50 0.00	28.02 2.32 0.00	26.15 2.14 0.00	24.56 2.04 0.00	27.66 2.43 0.00	29.49 2.61 0.00	50.80 4.23 0.00	54.55 4.48 0.00	39.56 3.05 0.00	38.70 2.93 0.00	40.23 2.91 0.00	37.77 2.57 0.00	43.90 2.68 0.00	36.53 2.27 0.00	31.91 2.04 0.00
GLENWOOD_IC_1_G1 23712	18.87 1.28 0.00	20.84 1.48 0.00	21.43 1.59 0.00	22.69 1.63 0.00	22.86 1.65 0.00	19.66 1.33 0.00	25.81 1.72 0.00	35.17 2.39 0.00	33.07 2.26 0.00	30.73 2.39 0.00	28.10 2.41 0.00	26.30 2.30 0.00	24.66 2.14 0.00	27.68 2.45 0.00	28.22 2.41 1.07	46.70 3.75 3.62	38.09 3.93 15.92	30.78 2.64 8.38	37.59 2.60 0.77	36.56 2.55 3.31	36.01 2.23 1.42	39.95 2.30 3.57	33.86 1.93 2.34	31.30 1.80 0.38
GLENWOOD_IC_2_G1 23688	18.84 1.25 0.00	20.80 1.45 0.00	21.39 1.55 0.00	22.66 1.60 0.00	22.82 1.61 0.00	19.63 1.29 0.00	25.77 1.68 0.00	35.09 2.31 0.00	33.00 2.19 0.00	30.66 2.32 0.00	28.03 2.34 0.00	26.22 2.22 0.00	24.60 2.07 0.00	27.61 2.38 0.00	28.90 2.34 0.32	49.11 3.62 1.08	49.11 3.80 4.76	36.55 2.53 2.51	38.04 2.51 0.23	38.78 2.45 0.99	36.93 2.16 0.42	42.38 2.22 1.07	35.45 1.88 0.70	31.52 1.76 0.11
GLENWOOD_IC_3_G1 23689	18.84 1.25 0.00	20.80 1.45 0.00	21.39 1.55 0.00	22.66 1.60 0.00	22.82 1.61 0.00	19.63 1.29 0.00	25.77 1.68 0.00	35.09 2.31 0.00	33.00 2.19 0.00	30.66 2.32 0.00	28.03 2.34 0.00	26.22 2.22 0.00	24.60 2.07 0.00	27.61 2.38 0.00	28.90 2.34 0.32	49.11 3.62 1.08	49.11 3.80 4.76	36.55 2.53 2.51	38.04 2.51 0.23	38.78 2.45 0.99	36.93 2.16 0.42	42.38 2.22 1.07	35.45 1.88 0.70	31.52 1.76 0.11
GLENWOOD___4 23550	18.87 1.28 0.00	20.84 1.48 0.00	21.43 1.59 0.00	22.69 1.63 0.00	22.86 1.65 0.00	19.66 1.33 0.00	25.81 1.72 0.00	35.17 2.39 0.00	33.07 2.26 0.00	30.73 2.39 0.00	28.10 2.41 0.00	26.30 2.30 0.00	24.66 2.14 0.00	27.68 2.45 0.00	28.22 2.41 1.07	46.70 3.75 3.62	38.09 3.93 15.92	30.78 2.64 8.38	37.59 2.60 0.77	36.56 2.55 3.31	36.01 2.23 1.42	39.95 2.30 3.57	33.86 1.93 2.34	31.30 1.80 0.38
GLENWOOD___5 23614	18.87 1.28 0.00	20.84 1.48 0.00	21.43 1.59 0.00	22.69 1.63 0.00	22.86 1.65 0.00	19.66 1.33 0.00	25.81 1.72 0.00	35.17 2.39 0.00	33.07 2.26 0.00	30.73 2.39 0.00	28.10 2.41 0.00	26.30 2.30 0.00	24.66 2.14 0.00	27.68 2.45 0.00	28.22 2.41 1.07	46.70 3.75 3.62	38.09 3.93 15.92	30.78 2.64 8.38	37.59 2.60 0.77	36.56 2.55 3.31	36.01 2.23 1.42	39.95 2.30 3.57	33.86 1.93 2.34	31.30 1.80 0.38
GLOBAL GREEN_PORT_GT1 23814	19.21 1.61 0.00	21.18 1.83 0.00	22.01 2.17 0.00	23.30 2.24 0.00	23.52 2.31 0.00	20.17 1.83 0.00	26.53 2.43 0.00	36.08 3.30 0.00	33.82 3.01 0.00	31.44 3.10 0.00	28.81 3.12 0.00	26.90 2.90 0.00	25.25 2.73 0.00	28.17 2.94 0.00	27.06 2.85 2.67	42.10 4.55 9.03	14.35 3.97 39.70	18.25 2.79 21.05	37.27 3.43 1.93	32.20 3.19 8.31	34.26 2.90 3.83	35.28 3.02 8.97	30.93 2.54 5.87	31.27 2.34 0.95
GLOBE___DSASP 323697	16.11 -1.48 0.00	16.78 -1.76 0.81	17.80 -1.93 0.12	18.79 -2.10 0.17	19.26 -1.95 0.00	16.66 -1.64 0.03	20.90 -2.13 1.06	26.78 -3.15 2.84	27.97 -2.84 0.00	26.03 -2.31 0.00	23.92 -1.77 0.00	22.64 -1.37 0.00	21.16 -1.37 0.00	23.45 -1.78 0.00	22.39 -1.97 2.52	39.31 -3.90 3.36	34.14 -4.56 11.38	28.63 -3.31 4.57	26.90 -3.27 5.60	32.14 -3.15 2.03	30.68 -3.10 1.41	36.24 -3.85 1.14	31.23 -2.85 0.19	27.70 -2.18 0.00
GOETHSLN___LBMP 323567	18.68 1.08 0.00	20.65 1.30 0.00	21.19 1.35 0.00	22.45 1.39 0.00	22.59 1.38 0.00	19.50 1.16 0.00	25.61 1.52 0.00	34.91 2.13 0.00	32.92 2.11 0.00	30.47 2.13 0.00	27.68 1.99 0.00	25.84 1.83 0.00	24.28 1.76 0.00	27.36 2.14 0.00	29.17 2.29 0.00	50.28 3.71 0.00	53.99 3.91 0.00	39.12 2.60 0.00	38.28 2.51 0.00	39.78 2.46 0.00	37.36 2.16 0.00	43.44 2.22 0.00	36.17 1.90 0.00	31.63 1.75 0.00
GOLAH___69_KV_TB 1_2 80279	16.98 -0.61 0.00	18.43 -0.79 0.14	18.94 -0.89 0.02	20.04 -0.99 0.03	20.33 -0.88 0.00	17.64 -0.69 0.01	23.07 -0.84 0.18	31.07 -1.22 0.49	29.75 -1.06 0.00	27.45 -0.89 0.00	25.05 -0.65 0.00	23.58 -0.42 0.00	22.08 -0.45 0.00	24.59 -0.64 0.00	25.72 -0.73 0.43	44.71 -1.28 0.58	46.62 -1.50 1.95	34.62 -1.12 0.78	33.74 -1.07 0.96	36.04 -0.93 0.35	33.88 -1.07 0.24	39.15 -1.49 0.59	33.10 -1.13 0.03	29.02 -0.87 0.00

GOODYEAR_LAKE_HYD 323669	18.16 0.57 0.00	20.03 0.67 0.00	20.56 0.71 0.00	21.85 0.79 0.00	22.01 0.80 0.00	18.98 0.64 0.00	24.99 0.90 0.00	34.06 1.28 0.00	31.99 1.18 0.00	29.48 1.14 0.00	26.81 1.12 0.00	25.06 1.06 0.00	23.53 1.01 0.00	26.48 1.25 0.00	28.22 1.34 0.00	48.81 2.23 0.00	52.35 2.27 0.00	38.06 1.55 0.00	37.39 1.63 0.00	39.02 1.70 0.00	36.68 1.48 0.00	42.79 1.66 0.09	35.62 1.36 0.00	31.03 1.15 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	17.66 0.07 0.00	19.67 0.17 -0.14	20.03 0.16 -0.02	21.29 0.20 -0.03	21.43 0.22 0.00	18.47 0.13 -0.01	24.47 0.20 -0.18	33.62 0.36 -0.49	31.15 0.34 0.00	28.78 0.44 0.00	26.20 0.51 0.00	24.44 0.43 0.00	22.97 0.44 0.00	26.05 0.82 0.00	28.12 0.81 -0.43	48.54 1.39 -0.58	53.19 1.17 -1.95	37.73 0.44 -0.78	37.24 0.51 -0.96	38.47 0.80 -0.35	35.93 0.50 -0.24	41.77 0.60 0.05	34.72 0.42 -0.03	30.38 0.50 0.00
GOUDEY___7 23579	17.66 0.07 0.00	19.67 0.17 -0.14	20.03 0.16 -0.02	21.29 0.20 -0.03	21.43 0.22 0.00	18.47 0.13 -0.01	24.47 0.20 -0.18	33.62 0.36 -0.49	31.15 0.34 0.00	28.78 0.44 0.00	26.20 0.51 0.00	24.44 0.43 0.00	22.97 0.44 0.00	26.05 0.82 0.00	28.12 0.81 -0.43	48.54 1.39 -0.58	53.19 1.17 -1.95	37.73 0.44 -0.78	37.24 0.51 -0.96	38.47 0.80 -0.35	35.93 0.50 -0.24	41.77 0.60 0.05	34.72 0.42 -0.03	30.38 0.50 0.00
GOUDEY___8 23580	17.66 0.07 0.00	19.67 0.17 -0.14	20.03 0.16 -0.02	21.29 0.20 -0.03	21.43 0.22 0.00	18.47 0.13 -0.01	24.47 0.20 -0.18	33.62 0.36 -0.49	31.15 0.34 0.00	28.78 0.44 0.00	26.20 0.51 0.00	24.44 0.43 0.00	22.97 0.44 0.00	26.05 0.82 0.00	28.12 0.81 -0.43	48.54 1.39 -0.58	53.19 1.17 -1.95	37.73 0.44 -0.78	37.24 0.51 -0.96	38.47 0.80 -0.35	35.93 0.50 -0.24	41.77 0.60 0.05	34.72 0.42 -0.03	30.38 0.50 0.00
GOWANUS_GT1_1 24077	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
GOWANUS_GT1_2 24078	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
GOWANUS_GT1_3 24079	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
GOWANUS_GT1_4 24080	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
GOWANUS_GT1_5 24084	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
GOWANUS_GT1_6 24111	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
GOWANUS_GT1_7 24112	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
GOWANUS_GT1_8 24113	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
GOWANUS_GT2_1 24114	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
GOWANUS_GT2_2 24115	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
GOWANUS_GT2_3 24116	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00

GOWANUS_GT2_4 24117	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
GOWANUS_GT2_5 24118	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
GOWANUS_GT2_6 24119	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
GOWANUS_GT2_7 24120	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
GOWANUS_GT2_8 24121	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
GOWANUS_GT3_1 24122	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
GOWANUS_GT3_2 24123	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
GOWANUS_GT3_3 24124	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
GOWANUS_GT3_4 24125	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
GOWANUS_GT3_5 24126	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
GOWANUS_GT3_6 24127	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
GOWANUS_GT3_7 24128	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
GOWANUS_GT3_8 24129	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
GOWANUS_GT4_1 24130	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
GOWANUS_GT4_2 24131	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00

GOWANUS_GT4_3 24132	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
GOWANUS_GT4_4 24133	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
GOWANUS_GT4_5 24134	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
GOWANUS_GT4_6 24135	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
GOWANUS_GT4_7 24136	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
GOWANUS_GT4_8 24137	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
GREENBSH_115KV_TB3 55895	18.04 0.45 0.00	19.94 0.59 0.00	20.54 0.70 0.00	21.81 0.75 0.00	21.91 0.70 0.00	18.90 0.57 0.00	24.91 0.82 0.00	34.01 1.23 0.00	31.94 1.13 0.00	29.29 0.95 0.00	26.41 0.72 0.00	24.59 0.58 0.00	23.04 0.52 0.00	25.85 0.62 0.00	27.59 0.71 0.00	47.76 1.19 0.00	51.51 1.43 0.00	37.54 1.03 0.00	36.85 1.08 0.00	38.41 1.09 0.00	36.26 1.06 0.00	42.32 1.10 0.00	35.11 0.85 0.00	30.62 0.74 0.00
GREENIDGE_115KV_TB5 80291	17.20 -0.39 0.00	20.34 -0.46 -1.45	19.54 -0.52 -0.22	20.78 -0.58 -0.30	20.68 -0.52 0.00	17.98 -0.41 -0.06	25.51 -0.47 -1.89	37.12 -0.69 -5.04	30.22 -0.59 0.00	27.78 -0.56 0.00	25.19 -0.50 0.00	23.56 -0.44 0.00	22.05 -0.48 0.00	24.96 -0.27 0.00	30.98 -0.37 -4.47	51.97 -0.57 -5.97	69.73 -0.54 -20.19	44.19 -0.46 -8.14	45.37 -0.32 -9.93	40.81 -0.11 -3.60	37.28 -0.41 -2.50	41.44 -0.77 -0.98	34.07 -0.53 -0.33	29.55 -0.33 0.00
GREENIDGE___3 23582	17.20 -0.39 0.00	20.34 -0.46 -1.45	19.54 -0.52 -0.22	20.78 -0.58 -0.30	20.68 -0.52 0.00	17.98 -0.41 -0.06	25.51 -0.47 -1.89	37.12 -0.69 -5.04	30.22 -0.59 0.00	27.78 -0.56 0.00	25.19 -0.50 0.00	23.56 -0.44 0.00	22.05 -0.48 0.00	24.96 -0.27 0.00	30.98 -0.37 -4.47	51.97 -0.57 -5.97	69.73 -0.54 -20.19	44.19 -0.46 -8.14	45.37 -0.32 -9.93	40.81 -0.11 -3.60	37.28 -0.41 -2.50	41.44 -0.77 -0.98	34.07 -0.53 -0.33	29.55 -0.33 0.00
GREENIDGE___4 23583	17.20 -0.39 0.00	20.33 -0.46 -1.45	19.54 -0.52 -0.22	20.77 -0.59 -0.30	20.68 -0.52 0.00	17.98 -0.41 -0.06	25.50 -0.48 -1.89	37.11 -0.70 -5.04	30.22 -0.59 0.00	27.78 -0.56 0.00	25.19 -0.50 0.00	23.55 -0.45 0.00	22.04 -0.48 0.00	24.95 -0.28 0.00	30.98 -0.37 -4.47	51.96 -0.58 -5.97	69.73 -0.53 -20.19	44.19 -0.46 -8.14	45.37 -0.33 -9.93	40.81 -0.12 -3.60	37.28 -0.41 -2.50	41.44 -0.76 -0.98	34.06 -0.53 -0.33	29.55 -0.33 0.00
GREENLWN_69_KV_BK 3 55738	18.75 1.16 0.00	20.70 1.34 0.00	21.32 1.48 0.00	22.59 1.53 0.00	22.73 1.52 0.00	19.47 1.13 0.00	25.51 1.42 0.00	34.75 1.97 0.00	32.64 1.83 0.00	30.39 2.05 0.00	27.88 2.19 0.00	26.09 2.09 0.00	24.49 1.96 0.00	27.36 2.13 0.00	26.19 1.94 2.63	40.54 2.86 8.89	14.05 3.04 39.07	17.74 1.95 20.71	35.77 1.91 1.90	30.96 1.82 8.18	32.97 1.55 3.78	33.91 1.52 8.83	29.77 1.29 5.78	30.30 1.36 0.93
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00
GRISSOM___SOLAR 323813	18.56 0.96 0.00	20.43 1.08 0.00	20.96 1.11 0.00	22.24 1.18 0.00	22.43 1.22 0.00	19.41 1.08 0.00	25.63 1.54 0.00	34.91 2.13 0.00	32.39 1.58 0.00	28.98 0.64 0.00	26.04 0.35 0.00	24.36 0.35 0.00	22.92 0.39 0.00	25.75 0.52 0.00	27.52 0.64 0.00	48.87 2.30 0.00	53.13 3.05 0.00	38.87 2.36 0.00	38.21 2.45 0.00	39.78 2.46 0.00	37.47 2.27 0.00	43.84 2.62 0.00	36.36 2.10 0.00	31.64 1.76 0.00
GROVEVILLE___HYD 323602	18.75 1.15 0.00	20.70 1.35 0.00	21.25 1.41 0.00	22.53 1.47 0.00	22.68 1.47 0.00	19.57 1.24 0.00	25.77 1.68 0.00	35.20 2.42 0.00	33.13 2.32 0.00	30.56 2.22 0.00	27.71 2.02 0.00	25.83 1.83 0.00	24.25 1.73 0.00	27.31 2.08 0.00	29.13 2.25 0.00	50.37 3.80 0.00	54.21 4.13 0.00	39.36 2.85 0.00	38.56 2.79 0.00	40.14 2.82 0.00	37.73 2.54 0.00	43.91 2.69 0.00	36.47 2.21 0.00	31.82 1.94 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.38 -0.21 0.00	19.09 -0.26 0.00	19.63 -0.21 0.00	20.79 -0.27 0.00	20.82 -0.39 0.00	18.05 -0.29 0.00	23.69 -0.40 0.00	32.13 -0.64 0.00	30.18 -0.63 0.00	27.66 -0.68 0.00	25.08 -0.61 0.00	23.46 -0.54 0.00	22.04 -0.48 0.00	24.69 -0.54 0.00	26.34 -0.54 0.00	45.69 -0.88 0.00	49.19 -0.88 0.00	35.89 -0.62 0.00	35.19 -0.57 0.00	36.73 -0.59 0.00	34.54 -0.66 0.00	40.36 -0.86 0.00	33.54 -0.72 0.00	29.29 -0.59 0.00

HAMLTNNY_34_KV_TB 80303	17.41 -0.18 0.00	19.13 -0.22 0.00	19.69 -0.15 0.00	20.82 -0.24 0.00	20.82 -0.39 0.00	18.07 -0.27 0.00	23.72 -0.37 0.00	32.19 -0.59 0.00	30.23 -0.59 0.00	27.68 -0.66 0.00	25.09 -0.61 0.00	23.48 -0.53 0.00	22.08 -0.45 0.00	24.73 -0.50 0.00	26.41 -0.47 0.00	45.83 -0.74 0.00	49.32 -0.75 0.00	35.94 -0.57 0.00	35.23 -0.53 0.00	36.79 -0.53 0.00	34.57 -0.63 0.00	40.33 -0.89 0.00	33.55 -0.72 0.00	29.32 -0.56 0.00
HAMPSHIRE___PAPER_HYD 323593	17.70 0.11 0.00	19.26 -0.09 0.00	21.84 -0.34 -2.34	24.93 -0.32 -4.19	25.14 -0.27 -4.19	22.09 -0.16 -3.92	28.49 -0.09 -4.49	38.10 -0.03 -5.35	35.85 -0.12 -5.16	33.01 -0.25 -4.92	30.20 -0.15 -4.65	28.38 -0.11 -4.49	26.79 -0.08 -4.34	29.65 -0.18 -4.60	30.05 -0.29 -3.46	49.15 0.00 -2.58	56.89 0.31 -6.50	37.91 0.50 -0.90	36.08 0.31 0.00	39.51 0.28 -1.91	35.69 0.50 0.00	42.29 1.07 0.00	35.16 0.89 0.00	30.33 0.45 0.00
HARDSCRABBLE_WT_PWR 323673	17.71 0.11 0.00	19.59 0.24 0.00	20.20 0.36 0.00	21.45 0.38 0.00	21.57 0.36 0.00	18.62 0.28 0.00	24.57 0.47 0.00	33.53 0.75 0.00	31.25 0.44 0.00	28.33 -0.01 0.00	25.50 -0.20 0.00	23.74 -0.26 0.00	22.25 -0.27 0.00	25.02 -0.21 0.00	26.78 -0.10 0.00	47.04 0.47 0.00	50.94 0.86 0.00	37.02 0.51 0.00	36.42 0.66 0.00	37.54 0.22 0.00	35.56 0.36 0.00	41.92 0.70 0.00	34.60 0.34 0.00	30.08 0.20 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.58 0.99 0.00	20.53 1.18 0.00	21.07 1.23 0.00	22.34 1.28 0.00	22.48 1.27 0.00	19.41 1.07 0.00	25.51 1.42 0.00	34.83 2.05 0.00	32.76 1.95 0.00	30.24 1.90 0.00	27.45 1.76 0.00	25.61 1.60 0.00	24.06 1.54 0.00	27.14 1.91 0.00	28.97 2.09 0.00	50.11 3.54 0.00	53.89 3.82 0.00	39.06 2.54 0.00	38.25 2.48 0.00	39.77 2.45 0.00	37.35 2.15 0.00	43.50 2.28 0.00	36.12 1.86 0.00	31.55 1.68 0.00
HARSNRAD_115KV_TB1 81005	16.35 -1.24 0.00	17.06 -1.49 0.81	18.06 -1.66 0.12	19.08 -1.81 0.16	19.56 -1.66 0.00	16.93 -1.38 0.03	21.29 -1.74 1.06	27.36 -2.59 2.83	28.50 -2.32 0.00	26.48 -1.86 0.00	24.32 -1.37 0.00	22.98 -1.02 0.00	21.49 -1.04 0.00	23.83 -1.40 0.00	22.83 -1.54 2.51	40.24 -2.98 3.35	35.37 -3.37 11.34	29.38 -2.57 4.56	27.71 -2.48 5.58	32.92 -2.38 2.03	31.37 -2.43 1.40	36.99 -3.10 1.14	31.82 -2.26 0.19	28.18 -1.70 0.00
HARZA MOOSE___RIVER 24016	17.69 0.10 0.00	19.32 -0.04 0.00	20.26 -0.24 -0.65	22.00 -0.24 -1.17	22.17 -0.20 -1.17	19.32 -0.11 -1.09	25.29 -0.06 -1.25	34.27 0.00 -1.49	32.15 -0.10 -1.44	29.43 -0.28 -1.37	26.83 -0.16 -1.29	25.06 -0.19 -1.25	23.56 -0.17 -1.21	26.40 -0.11 -1.28	27.74 -0.10 -0.96	47.42 0.13 -0.72	52.42 0.54 -1.81	37.28 0.52 -0.25	36.14 0.38 0.00	38.14 0.28 -0.53	35.60 0.40 0.00	42.07 0.85 0.00	34.95 0.69 0.00	30.24 0.37 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	17.26 -0.34 0.00	18.95 -0.40 0.00	19.43 -0.42 0.00	20.57 -0.49 0.00	20.71 -0.50 0.00	17.94 -0.39 0.00	23.54 -0.55 0.00	31.95 -0.83 0.00	30.02 -0.79 0.00	27.55 -0.79 0.00	24.99 -0.70 0.00	23.38 -0.62 0.00	21.96 -0.57 0.00	24.60 -0.63 0.00	26.24 -0.64 0.00	45.46 -1.11 0.00	48.87 -1.21 0.00	35.65 -0.86 0.00	34.95 -0.82 0.00	36.48 -0.84 0.00	34.31 -0.88 0.00	39.96 -1.09 0.17	33.34 -0.92 0.00	29.11 -0.77 0.00
HELLGATE_13_KV_LD 55870	18.79 1.19 0.00	20.76 1.40 0.00	21.30 1.46 0.00	22.57 1.51 0.00	22.70 1.49 0.00	19.60 1.27 0.00	25.74 1.65 0.00	35.13 2.35 0.00	33.17 2.36 0.00	30.69 2.35 0.00	27.89 2.20 0.00	26.02 2.02 0.00	24.44 1.92 0.00	27.52 2.29 0.00	29.34 2.46 0.00	50.53 3.96 0.00	54.27 4.20 0.00	39.36 2.85 0.00	38.51 2.75 0.00	40.02 2.70 0.00	37.57 2.37 0.00	43.68 2.46 0.00	36.36 2.10 0.00	31.77 1.89 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.79 1.19 0.00	20.76 1.40 0.00	21.30 1.46 0.00	22.57 1.51 0.00	22.70 1.49 0.00	19.60 1.27 0.00	25.74 1.65 0.00	35.13 2.35 0.00	33.17 2.36 0.00	30.69 2.35 0.00	27.89 2.20 0.00	26.02 2.02 0.00	24.44 1.92 0.00	27.52 2.29 0.00	29.34 2.46 0.00	50.53 3.96 0.00	54.27 4.20 0.00	39.36 2.85 0.00	38.51 2.75 0.00	40.02 2.70 0.00	37.57 2.37 0.00	43.68 2.46 0.00	36.36 2.10 0.00	31.77 1.89 0.00
HEMPSTEAD____ 23647	18.80 1.21 0.00	20.75 1.39 0.00	21.34 1.50 0.00	22.60 1.54 0.00	22.76 1.55 0.00	19.57 1.23 0.00	25.70 1.61 0.00	34.99 2.21 0.00	32.90 2.09 0.00	30.57 2.23 0.00	27.97 2.28 0.00	26.16 2.16 0.00	24.54 2.02 0.00	27.52 2.29 0.00	27.66 2.23 1.45	45.06 3.40 4.91	32.04 3.55 21.58	27.52 2.37 11.35	37.07 2.34 1.04	35.13 2.29 4.48	35.27 2.00 1.92	38.42 2.04 4.83	32.83 1.73 3.17	31.00 1.63 0.51
HEWLETT_69_KV_BK3 55828	18.94 1.35 0.00	20.90 1.55 0.00	21.49 1.65 0.00	22.76 1.70 0.00	22.92 1.71 0.00	19.72 1.39 0.00	25.89 1.80 0.00	35.24 2.46 0.00	33.14 2.32 0.00	30.80 2.46 0.00	28.19 2.50 0.00	26.39 2.39 0.00	24.76 2.24 0.00	27.79 2.56 0.00	29.11 2.54 0.31	49.46 3.94 1.06	49.50 4.08 4.66	36.28 2.67 2.90	38.22 2.72 0.27	38.84 2.68 1.16	37.36 2.32 0.15	42.42 2.45 1.25	35.51 2.07 0.82	31.68 1.94 0.13
HICKLING___1 23621	17.18 -0.41 0.00	19.45 -0.39 -0.48	19.45 -0.46 -0.07	20.67 -0.49 -0.10	20.80 -0.41 0.00	17.99 -0.37 -0.02	24.27 -0.45 -0.62	33.87 -0.57 -1.66	30.33 -0.49 0.00	28.02 -0.32 0.00	25.53 -0.16 0.00	23.81 -0.20 0.00	22.38 -0.15 0.00	25.50 0.28 0.00	28.51 0.15 -1.48	48.98 0.44 -1.97	56.94 0.20 -6.67	38.90 -0.41 -2.80	38.76 -0.28 -3.28	38.62 0.12 -1.19	35.68 -0.34 -0.82	41.08 -0.32 -0.17	34.00 -0.37 -0.11	29.80 -0.08 0.00
HICKLING___2 23622	17.18 -0.41 0.00	19.45 -0.39 -0.48	19.45 -0.46 -0.07	20.67 -0.49 -0.10	20.80 -0.41 0.00	17.99 -0.37 -0.02	24.27 -0.45 -0.62	33.87 -0.57 -1.66	30.33 -0.49 0.00	28.02 -0.32 0.00	25.53 -0.16 0.00	23.81 -0.20 0.00	22.38 -0.15 0.00	25.50 0.28 0.00	28.51 0.15 -1.48	48.98 0.44 -1.97	56.94 0.20 -6.67	38.90 -0.41 -2.80	38.76 -0.28 -3.28	38.62 0.12 -1.19	35.68 -0.34 -0.82	41.08 -0.32 -0.17	34.00 -0.37 -0.11	29.80 -0.08 0.00
HIGH FALLS___HY 23754	18.76 1.17 0.00	20.71 1.36 0.00	21.25 1.40 0.00	22.53 1.47 0.00	22.68 1.47 0.00	19.58 1.25 0.00	25.76 1.67 0.00	35.19 2.42 0.00	33.13 2.32 0.00	30.57 2.23 0.00	27.72 2.03 0.00	25.81 1.81 0.00	24.22 1.70 0.00	27.28 2.05 0.00	29.12 2.24 0.00	50.34 3.77 0.00	54.18 4.11 0.00	39.37 2.85 0.00	38.64 2.87 0.00	40.21 2.89 0.00	37.76 2.56 0.00	43.93 2.71 0.00	36.49 2.23 0.00	31.86 1.98 0.00
HIGH_RIVER___SOLAR 323847	18.35 0.76 0.00	20.24 0.88 0.00	20.77 0.92 0.00	22.05 0.99 0.00	22.21 1.00 0.00	19.19 0.85 0.00	25.28 1.19 0.00	34.48 1.70 0.00	32.17 1.36 0.00	29.13 0.79 0.00	26.13 0.43 0.00	24.35 0.34 0.00	22.85 0.33 0.00	25.66 0.43 0.00	27.37 0.49 0.00	48.12 1.55 0.00	52.33 2.25 0.00	38.26 1.74 0.00	37.57 1.80 0.00	39.15 1.83 0.00	36.90 1.70 0.00	43.14 1.92 0.00	35.81 1.55 0.00	31.21 1.33 0.00

HILLBURN___GT 23639	18.52 0.93 0.00	20.48 1.13 0.00	21.02 1.18 0.00	22.28 1.22 0.00	22.43 1.22 0.00	19.36 1.02 0.00	25.45 1.36 0.00	34.71 1.93 0.00	32.65 1.84 0.00	30.18 1.84 0.00	27.41 1.71 0.00	25.57 1.57 0.00	24.03 1.50 0.00	27.11 1.88 0.00	28.92 2.04 0.00	49.98 3.41 0.00	53.70 3.63 0.00	38.85 2.34 0.00	38.05 2.28 0.00	39.55 2.24 0.00	37.14 1.95 0.00	43.27 2.04 0.00	35.96 1.70 0.00	31.43 1.55 0.00
HILLSIDE_115KV_TB1 80332	17.17 -0.42 0.00	19.43 -0.35 -0.43	19.48 -0.43 -0.06	20.71 -0.44 -0.09	20.82 -0.39 0.00	17.98 -0.38 -0.02	24.19 -0.47 -0.57	33.70 -0.59 -1.51	30.29 -0.52 0.00	28.03 -0.31 0.00	25.55 -0.14 0.00	23.82 -0.18 0.00	22.40 -0.12 0.00	25.58 0.35 0.00	28.47 0.25 -1.34	48.88 0.52 -1.79	56.29 0.18 -6.04	38.47 -0.49 -2.45	38.36 -0.38 -2.97	38.44 0.05 -1.08	35.56 -0.38 -0.75	41.02 -0.35 -0.15	33.96 -0.40 -0.10	29.74 -0.14 0.00
HISHELDN_WT_PWR 323625	16.32 -1.28 0.00	15.16 -1.47 2.73	17.80 -1.63 0.41	18.75 -1.76 0.56	19.65 -1.56 0.00	16.88 -1.35 0.11	18.76 -1.76 3.58	20.75 -2.49 9.54	28.60 -2.21 0.00	26.57 -1.77 0.00	24.37 -1.32 0.00	22.92 -1.08 0.00	21.45 -1.08 0.00	23.98 -1.25 0.00	16.88 -1.54 8.46	32.53 -2.74 11.30	8.86 -2.97 38.24	18.71 -2.43 15.38	14.82 -2.14 18.81	28.62 -1.87 6.83	28.30 -2.17 4.73	36.08 -2.40 2.74	31.75 -1.88 0.63	28.56 -1.31 0.00
HOLTSVILLE_IC_1 23690	18.82 1.23 0.00	20.76 1.41 0.00	21.48 1.63 0.00	22.74 1.68 0.00	22.91 1.70 0.00	19.62 1.28 0.00	25.73 1.64 0.00	35.00 2.23 0.00	32.85 2.04 0.00	30.58 2.24 0.00	28.08 2.39 0.00	26.22 2.21 0.00	24.62 2.10 0.00	27.43 2.20 0.00	26.22 2.02 2.68	40.56 3.04 9.04	13.18 2.86 39.76	17.33 1.90 21.08	35.89 2.06 1.93	30.90 1.91 8.32	33.05 1.69 3.84	33.97 1.73 8.98	29.90 1.52 5.88	30.46 1.53 0.95
HOLTSVILLE_IC_10 23699	18.87 1.28 0.00	20.81 1.46 0.00	21.54 1.70 0.00	22.80 1.74 0.00	22.98 1.77 0.00	19.67 1.33 0.00	25.81 1.72 0.00	35.11 2.33 0.00	32.96 2.15 0.00	30.68 2.34 0.00	28.18 2.49 0.00	26.32 2.32 0.00	24.72 2.19 0.00	27.51 2.28 0.00	26.34 2.11 2.66	40.81 3.23 8.98	13.61 3.01 39.48	17.59 2.02 20.94	36.06 2.21 1.92	31.10 2.05 8.27	33.22 1.84 3.81	34.20 1.90 8.92	30.09 1.67 5.84	30.58 1.65 0.94
HOLTSVILLE_IC_2 23691	18.82 1.23 0.00	20.76 1.41 0.00	21.48 1.63 0.00	22.74 1.68 0.00	22.91 1.70 0.00	19.62 1.28 0.00	25.73 1.64 0.00	35.00 2.23 0.00	32.85 2.04 0.00	30.58 2.24 0.00	28.08 2.39 0.00	26.22 2.21 0.00	24.62 2.10 0.00	27.43 2.20 0.00	26.22 2.02 2.68	40.56 3.04 9.04	13.18 2.86 39.76	17.33 1.90 21.08	35.89 2.06 1.93	30.90 1.91 8.32	33.05 1.69 3.84	33.97 1.73 8.98	29.90 1.52 5.88	30.46 1.53 0.95
HOLTSVILLE_IC_3 23692	18.82 1.23 0.00	20.76 1.41 0.00	21.48 1.63 0.00	22.74 1.68 0.00	22.91 1.70 0.00	19.62 1.28 0.00	25.73 1.64 0.00	35.00 2.23 0.00	32.85 2.04 0.00	30.58 2.24 0.00	28.08 2.39 0.00	26.22 2.21 0.00	24.62 2.10 0.00	27.43 2.20 0.00	26.22 2.02 2.68	40.56 3.04 9.04	13.18 2.86 39.76	17.33 1.90 21.08	35.89 2.06 1.93	30.90 1.91 8.32	33.05 1.69 3.84	33.97 1.73 8.98	29.90 1.52 5.88	30.46 1.53 0.95
HOLTSVILLE_IC_4 23693	18.82 1.23 0.00	20.76 1.41 0.00	21.48 1.63 0.00	22.74 1.68 0.00	22.91 1.70 0.00	19.62 1.28 0.00	25.73 1.64 0.00	35.00 2.23 0.00	32.85 2.04 0.00	30.58 2.24 0.00	28.08 2.39 0.00	26.22 2.21 0.00	24.62 2.10 0.00	27.43 2.20 0.00	26.22 2.02 2.68	40.56 3.04 9.04	13.18 2.86 39.76	17.33 1.90 21.08	35.89 2.06 1.93	30.90 1.91 8.32	33.05 1.69 3.84	33.97 1.73 8.98	29.90 1.52 5.88	30.46 1.53 0.95
HOLTSVILLE_IC_5 23694	18.82 1.23 0.00	20.76 1.41 0.00	21.48 1.63 0.00	22.74 1.68 0.00	22.91 1.70 0.00	19.62 1.28 0.00	25.73 1.64 0.00	35.00 2.23 0.00	32.85 2.04 0.00	30.58 2.24 0.00	28.08 2.39 0.00	26.22 2.21 0.00	24.62 2.10 0.00	27.43 2.20 0.00	26.22 2.02 2.68	40.56 3.04 9.04	13.18 2.86 39.76	17.33 1.90 21.08	35.89 2.06 1.93	30.90 1.91 8.32	33.05 1.69 3.84	33.97 1.73 8.98	29.90 1.52 5.88	30.46 1.53 0.95
HOLTSVILLE_IC_6 23695	18.87 1.28 0.00	20.81 1.46 0.00	21.54 1.70 0.00	22.80 1.74 0.00	22.98 1.77 0.00	19.67 1.33 0.00	25.81 1.72 0.00	35.11 2.33 0.00	32.96 2.15 0.00	30.68 2.34 0.00	28.18 2.49 0.00	26.32 2.32 0.00	24.72 2.19 0.00	27.51 2.28 0.00	26.34 2.11 2.66	40.81 3.23 8.98	13.61 3.01 39.48	17.59 2.02 20.94	36.06 2.21 1.92	31.10 2.05 8.27	33.22 1.84 3.81	34.20 1.90 8.92	30.09 1.67 5.84	30.58 1.65 0.94
HOLTSVILLE_IC_7 23696	18.87 1.28 0.00	20.81 1.46 0.00	21.54 1.70 0.00	22.80 1.74 0.00	22.98 1.77 0.00	19.67 1.33 0.00	25.81 1.72 0.00	35.11 2.33 0.00	32.96 2.15 0.00	30.68 2.34 0.00	28.18 2.49 0.00	26.32 2.32 0.00	24.72 2.19 0.00	27.51 2.28 0.00	26.34 2.11 2.66	40.81 3.23 8.98	13.61 3.01 39.48	17.59 2.02 20.94	36.06 2.21 1.92	31.10 2.05 8.27	33.22 1.84 3.81	34.20 1.90 8.92	30.09 1.67 5.84	30.58 1.65 0.94
HOLTSVILLE_IC_8 23697	18.87 1.28 0.00	20.81 1.46 0.00	21.54 1.70 0.00	22.80 1.74 0.00	22.98 1.77 0.00	19.67 1.33 0.00	25.81 1.72 0.00	35.11 2.33 0.00	32.96 2.15 0.00	30.68 2.34 0.00	28.18 2.49 0.00	26.32 2.32 0.00	24.72 2.19 0.00	27.51 2.28 0.00	26.34 2.11 2.66	40.81 3.23 8.98	13.61 3.01 39.48	17.59 2.02 20.94	36.06 2.21 1.92	31.10 2.05 8.27	33.22 1.84 3.81	34.20 1.90 8.92	30.09 1.67 5.84	30.58 1.65 0.94
HOLTSVILLE_IC_9 23698	18.87 1.28 0.00	20.81 1.46 0.00	21.54 1.70 0.00	22.80 1.74 0.00	22.98 1.77 0.00	19.67 1.33 0.00	25.81 1.72 0.00	35.11 2.33 0.00	32.96 2.15 0.00	30.68 2.34 0.00	28.18 2.49 0.00	26.32 2.32 0.00	24.72 2.19 0.00	27.51 2.28 0.00	26.34 2.11 2.66	40.81 3.23 8.98	13.61 3.01 39.48	17.59 2.02 20.94	36.06 2.21 1.92	31.10 2.05 8.27	33.22 1.84 3.81	34.20 1.90 8.92	30.09 1.67 5.84	30.58 1.65 0.94
HOMER_HL_115KV_TB2 355744	17.04 -0.55 0.00	18.52 -0.59 0.24	19.16 -0.65 0.04	20.35 -0.72 0.00	20.60 -0.61 0.00	17.82 -0.51 0.01	23.20 -0.57 0.32	31.06 -0.85 0.86	30.08 -0.73 0.00	27.96 -0.38 0.00	25.61 -0.08 0.00	24.02 0.01 0.00	22.56 0.03 0.00	25.58 0.35 0.00	26.52 0.42 0.77	45.87 0.33 1.03	46.54 -0.05 3.48	34.40 -0.71 1.40	33.50 -0.56 1.71	36.36 -0.34 0.62	34.23 -0.54 0.43	40.02 -0.61 0.58	33.82 -0.39 0.06	29.80 -0.07 0.00
HOWARD_WT_PWR 323690	16.38 -1.22 0.00	21.01 -1.39 -3.04	18.76 -1.55 -0.46	20.06 -1.63 -0.64	19.73 -1.48 0.00	17.23 -1.23 -0.12	26.47 -1.61 -3.98	40.97 -2.44 -10.63	28.38 -2.43 0.00	26.69 -1.65 0.00	24.11 -1.58 0.00	22.22 -1.79 0.00	20.77 -1.76 0.00	23.89 -1.34 0.00	34.93 -1.38 -9.43	56.96 -2.20 -12.59	90.54 -2.13 -42.60	51.84 -1.82 -17.15	55.27 -1.45 -20.95	43.68 -1.25 -7.61	38.49 -1.97 -5.27	41.52 -2.03 -2.32	33.24 -1.72 -0.70	28.81 -1.06 0.00

HQ_GEN_CEDARS 23644	17.83 0.23 0.00	19.48 0.13 0.00	20.97 0.03 -1.09	23.06 0.04 -1.96	23.27 0.10 -1.96	20.29 0.12 -1.83	26.43 0.23 -2.10	35.62 0.34 -2.50	33.55 0.33 -2.41	31.00 0.37 -2.30	28.24 0.37 -2.17	26.49 0.38 -2.10	24.91 0.35 -2.03	27.58 0.20 -2.15	28.59 0.10 -1.61	48.11 0.33 -1.21	53.50 0.38 -3.04	37.49 0.56 -0.42	36.18 0.42 0.00	38.72 0.51 -0.89	35.89 0.70 0.00	42.34 1.11 0.00	35.19 0.93 0.00	30.47 0.59 0.00
HQ_GEN_CEDARS_PROXY 323590	17.82 0.23 0.00	19.48 0.13 0.00	20.97 0.03 -1.09	23.06 0.04 -1.96	23.27 0.10 -1.96	20.29 0.12 -1.83	26.43 0.23 -2.10	35.62 0.34 -2.50	33.55 0.33 -2.41	31.00 0.37 -2.30	28.24 0.37 -2.17	26.49 0.38 -2.10	24.90 0.35 -2.03	27.58 0.20 -2.15	28.60 0.10 -1.61	48.12 0.35 -1.21	53.50 0.38 -3.04	37.49 0.56 -0.42	36.18 0.42 0.00	38.72 0.51 -0.89	35.89 0.70 0.00	42.33 1.11 0.00	35.19 0.92 0.00	30.47 0.59 0.00
HQ_GEN_IMPORT 323601	17.68 0.09 0.00	19.40 0.05 0.00	19.85 0.01 0.00	21.07 0.01 0.00	21.23 0.02 0.00	18.37 0.03 0.00	24.16 0.07 0.00	32.89 0.12 0.00	30.83 0.12 0.10	27.54 0.14 0.94	25.84 0.15 0.00	24.16 0.16 0.00	22.67 0.14 0.00	25.31 0.08 0.00	26.92 0.04 0.00	46.68 0.12 0.00	50.18 0.10 0.00	36.69 0.18 0.00	39.71 0.12 -3.82	38.70 0.15 -1.23	35.44 0.24 0.00	41.65 0.43 0.00	34.62 0.36 0.00	30.11 0.24 0.00
HQ_GEN_WHEEL 23651	17.68 0.09 0.00	19.40 0.05 0.00	19.85 0.01 0.00	21.07 0.01 0.00	21.23 0.02 0.00	18.37 0.03 0.00	24.16 0.07 0.00	32.89 0.12 0.00	30.83 0.12 0.10	27.54 0.14 0.94	25.84 0.15 0.00	24.16 0.16 0.00	22.67 0.14 0.00	25.31 0.08 0.00	26.92 0.04 0.00	46.68 0.12 0.00	50.18 0.10 0.00	36.69 0.18 0.00	39.71 0.12 -3.82	38.70 0.15 -1.23	35.44 0.24 0.00	41.65 0.43 0.00	34.62 0.36 0.00	30.11 0.24 0.00
HUDSON AVE_GT_3 23810	18.77 1.18 0.00	20.76 1.41 0.00	21.30 1.46 0.00	22.57 1.51 0.00	22.70 1.49 0.00	19.60 1.27 0.00	25.77 1.68 0.00	35.15 2.37 0.00	33.15 2.34 0.00	30.69 2.35 0.00	27.88 2.19 0.00	26.03 2.02 0.00	24.46 1.94 0.00	27.56 2.33 0.00	29.37 2.50 0.00	50.64 4.07 0.00	54.39 4.31 0.00	39.43 2.91 0.00	38.57 2.80 0.00	40.10 2.78 0.00	37.73 2.45 -0.09	43.78 2.55 0.00	36.44 2.18 0.00	31.83 1.96 0.00
HUDSON AVE_GT_4 23540	18.77 1.18 0.00	20.76 1.41 0.00	21.30 1.46 0.00	22.57 1.51 0.00	22.70 1.49 0.00	19.60 1.27 0.00	25.77 1.68 0.00	35.15 2.37 0.00	33.15 2.34 0.00	30.69 2.35 0.00	27.88 2.19 0.00	26.03 2.02 0.00	24.46 1.94 0.00	27.56 2.33 0.00	29.37 2.50 0.00	50.64 4.07 0.00	54.39 4.31 0.00	39.43 2.91 0.00	38.57 2.80 0.00	40.10 2.78 0.00	37.73 2.45 -0.09	43.78 2.55 0.00	36.44 2.18 0.00	31.83 1.96 0.00
HUDSON AVE_GT_5 23657	18.77 1.18 0.00	20.76 1.41 0.00	21.30 1.46 0.00	22.57 1.51 0.00	22.70 1.49 0.00	19.60 1.27 0.00	25.77 1.68 0.00	35.15 2.37 0.00	33.15 2.34 0.00	30.69 2.35 0.00	27.88 2.19 0.00	26.03 2.02 0.00	24.46 1.94 0.00	27.56 2.33 0.00	29.37 2.50 0.00	50.64 4.07 0.00	54.39 4.31 0.00	39.43 2.91 0.00	38.57 2.80 0.00	40.10 2.78 0.00	37.73 2.45 -0.09	43.78 2.55 0.00	36.44 2.18 0.00	31.83 1.96 0.00
HUDSON_AVE_10 24168	18.74 1.14 0.00	20.71 1.36 0.00	21.26 1.42 0.00	22.52 1.46 0.00	22.65 1.44 0.00	19.56 1.23 0.00	25.72 1.63 0.00	35.06 2.29 0.00	33.08 2.26 0.00	30.60 2.26 0.00	27.79 2.10 0.00	25.95 1.95 0.00	24.40 1.88 0.00	27.47 2.25 0.00	29.29 2.41 0.00	50.50 3.93 0.00	54.25 4.18 0.00	39.33 2.82 0.00	38.47 2.71 0.00	40.01 2.69 0.00	37.73 2.35 -0.18	43.66 2.44 0.00	36.34 2.08 0.00	31.74 1.86 0.00
HUDSON___115KV_TB 4 355613	18.31 0.72 0.00	20.24 0.88 0.00	20.84 0.99 0.00	22.12 1.06 0.00	22.23 1.02 0.00	19.19 0.86 0.00	25.35 1.26 0.00	34.67 1.89 0.00	32.51 1.70 0.00	29.67 1.33 0.00	26.58 0.88 0.00	24.66 0.65 0.00	23.07 0.55 0.00	25.88 0.65 0.00	27.63 0.75 0.00	47.98 1.41 0.00	52.03 1.95 0.00	38.31 1.80 0.00	37.81 2.04 0.00	39.47 2.15 0.00	37.20 2.00 0.00	43.35 2.13 0.00	35.87 1.61 0.00	31.21 1.33 0.00
HUNTER MOUNT___DRP 323613	18.34 0.74 0.00	20.26 0.91 0.00	20.87 1.02 0.00	22.15 1.09 0.00	22.27 1.06 0.00	19.23 0.89 0.00	25.43 1.34 0.00	34.80 2.02 0.00	32.61 1.80 0.00	29.67 1.33 0.00	26.52 0.82 0.00	24.58 0.57 0.00	23.00 0.47 0.00	25.77 0.54 0.00	27.54 0.66 0.00	47.90 1.33 0.00	52.00 1.92 0.00	38.40 1.89 0.00	37.92 2.16 0.00	39.60 2.28 0.00	37.32 2.13 0.00	43.50 2.28 0.00	35.96 1.70 0.00	31.26 1.38 0.00
HUNTINGTON_RES_REC 323705	18.78 1.19 0.00	20.72 1.37 0.00	21.38 1.54 0.00	22.64 1.58 0.00	22.81 1.60 0.00	19.52 1.18 0.00	25.59 1.50 0.00	34.83 2.06 0.00	32.70 1.89 0.00	30.45 2.11 0.00	27.96 2.26 0.00	26.14 2.13 0.00	24.53 2.01 0.00	27.34 2.11 0.00	26.15 1.93 2.66	40.45 2.87 8.99	13.47 2.91 39.52	17.44 1.89 20.95	35.78 1.94 1.92	30.87 1.82 8.27	32.98 1.60 3.82	33.88 1.58 8.93	29.79 1.38 5.85	30.36 1.43 0.95
HUNTLEY___63 23557	16.50 -1.10 0.00	17.16 -1.32 0.87	18.23 -1.49 0.13	19.25 -1.63 0.18	19.74 -1.48 0.00	17.07 -1.23 0.04	21.40 -1.55 1.14	27.42 -2.31 3.05	28.77 -2.04 0.00	26.77 -1.57 0.00	24.58 -1.11 0.00	23.24 -0.76 0.00	21.72 -0.80 0.00	24.12 -1.11 0.00	22.92 -1.25 2.70	40.44 -2.52 3.61	34.87 -3.00 12.21	29.36 -2.24 4.91	27.60 -2.16 6.01	33.12 -2.02 2.18	31.60 -2.08 1.51	37.37 -2.67 1.18	32.13 -1.93 0.20	28.47 -1.42 0.00
HUNTLEY___64 23558	16.50 -1.10 0.00	17.16 -1.32 0.87	18.23 -1.49 0.13	19.25 -1.63 0.18	19.74 -1.48 0.00	17.07 -1.23 0.04	21.40 -1.55 1.14	27.42 -2.31 3.05	28.77 -2.04 0.00	26.77 -1.57 0.00	24.58 -1.11 0.00	23.24 -0.76 0.00	21.72 -0.80 0.00	24.12 -1.11 0.00	22.92 -1.25 2.70	40.44 -2.52 3.61	34.87 -3.00 12.21	29.36 -2.24 4.91	27.60 -2.16 6.01	33.12 -2.02 2.18	31.60 -2.08 1.51	37.37 -2.67 1.18	32.13 -1.93 0.20	28.47 -1.42 0.00
HUNTLEY___65 23559	16.50 -1.10 0.00	17.16 -1.32 0.87	18.23 -1.49 0.13	19.25 -1.63 0.18	19.74 -1.48 0.00	17.07 -1.23 0.04	21.40 -1.55 1.14	27.42 -2.31 3.05	28.77 -2.04 0.00	26.77 -1.57 0.00	24.58 -1.11 0.00	23.24 -0.76 0.00	21.72 -0.80 0.00	24.12 -1.11 0.00	22.92 -1.25 2.70	40.44 -2.52 3.61	34.87 -3.00 12.21	29.36 -2.24 4.91	27.60 -2.16 6.01	33.12 -2.02 2.18	31.60 -2.08 1.51	37.37 -2.67 1.18	32.13 -1.93 0.20	28.47 -1.42 0.00
HUNTLEY___66 23560	16.50 -1.10 0.00	17.16 -1.32 0.87	18.23 -1.49 0.13	19.25 -1.63 0.18	19.74 -1.48 0.00	17.07 -1.23 0.04	21.40 -1.55 1.14	27.42 -2.31 3.05	28.77 -2.04 0.00	26.77 -1.57 0.00	24.58 -1.11 0.00	23.24 -0.76 0.00	21.72 -0.80 0.00	24.12 -1.11 0.00	22.92 -1.25 2.70	40.44 -2.52 3.61	34.87 -3.00 12.21	29.36 -2.24 4.91	27.60 -2.16 6.01	33.12 -2.02 2.18	31.60 -2.08 1.51	37.37 -2.67 1.18	32.13 -1.93 0.20	28.47 -1.42 0.00

HUNTLEY___67 23561	16.39 -1.20 0.00	16.89 -1.45 1.01	18.08 -1.61 0.15	19.08 -1.76 0.21	19.62 -1.59 0.00	16.96 -1.34 0.04	21.04 -1.72 1.33	26.67 -2.56 3.55	28.59 -2.22 0.00	26.60 -1.74 0.00	24.42 -1.28 0.00	23.06 -0.94 0.00	21.56 -0.96 0.00	23.97 -1.26 0.00	22.24 -1.49 3.15	39.52 -2.85 4.21	32.47 -3.38 14.23	28.24 -2.55 5.72	26.31 -2.46 7.00	32.51 -2.27 2.54	31.10 -2.34 1.76	37.03 -2.89 1.30	31.90 -2.13 0.23	28.30 -1.58 0.00
HUNTLEY___68 23562	16.39 -1.20 0.00	16.89 -1.45 1.01	18.08 -1.61 0.15	19.08 -1.76 0.21	19.62 -1.59 0.00	16.96 -1.34 0.04	21.04 -1.72 1.33	26.67 -2.56 3.55	28.59 -2.22 0.00	26.60 -1.74 0.00	24.42 -1.28 0.00	23.06 -0.94 0.00	21.56 -0.96 0.00	23.97 -1.26 0.00	22.24 -1.49 3.15	39.52 -2.85 4.21	32.47 -3.38 14.23	28.24 -2.55 5.72	26.31 -2.46 7.00	32.51 -2.27 2.54	31.10 -2.34 1.76	37.03 -2.89 1.30	31.90 -2.13 0.23	28.30 -1.58 0.00
HYLAND___LFGE 323620	17.33 -0.26 0.00	22.33 -0.41 -3.39	19.85 -0.51 -0.51	21.18 -0.57 -0.69	20.80 -0.41 0.00	18.21 -0.26 -0.14	28.35 -0.18 -4.43	44.52 -0.08 -11.83	30.79 -0.02 0.00	27.67 -0.67 0.00	25.20 -0.49 0.00	23.59 -0.42 0.00	22.09 -0.43 0.00	24.74 -0.49 0.00	36.63 -0.74 -10.49	59.52 -1.06 -14.01	97.15 -0.32 -47.40	55.51 -0.07 -19.07	59.35 0.28 -23.31	46.45 0.66 -8.46	41.22 0.16 -5.86	43.85 0.09 -2.54	35.02 -0.02 -0.78	30.00 0.12 0.00
INDECK___CORINTH 23802	18.31 0.72 0.00	20.23 0.87 0.00	20.79 0.94 0.00	22.09 1.03 0.00	22.27 1.06 0.00	19.20 0.87 0.00	25.39 1.30 0.00	34.73 1.95 0.00	32.54 1.73 0.00	29.83 1.49 0.00	26.72 1.03 0.00	24.78 0.78 0.00	23.26 0.74 0.00	26.13 0.90 0.00	27.69 0.81 0.00	48.26 1.69 0.00	52.25 2.18 0.00	38.07 1.55 0.00	37.36 1.60 0.00	39.18 1.86 0.00	36.87 1.68 0.00	43.15 1.93 0.00	35.77 1.51 0.00	31.19 1.31 0.00
INDECK___ILION 23567	17.72 0.13 0.00	19.55 0.20 0.00	20.11 0.26 0.00	21.35 0.29 0.00	21.49 0.28 0.00	18.55 0.21 0.00	24.44 0.34 0.00	33.30 0.52 0.00	31.19 0.38 0.00	28.47 0.12 0.00	25.68 -0.01 0.00	23.94 -0.07 0.00	22.45 -0.07 0.00	25.23 0.00 0.00	26.96 0.08 0.00	47.02 0.45 0.00	50.72 0.65 0.00	36.92 0.41 0.00	36.26 0.50 0.00	37.72 0.40 0.00	35.59 0.40 0.00	41.68 0.46 0.00	34.54 0.27 0.00	30.10 0.22 0.00
INDECK___OLEAN 23982	17.04 -0.56 0.00	18.52 -0.59 0.24	19.14 -0.66 0.04	20.34 -0.73 0.00	20.59 -0.61 0.00	17.81 -0.51 0.01	23.16 -0.60 0.32	31.06 -0.85 0.86	30.08 -0.73 0.00	27.96 -0.38 0.00	25.61 -0.08 0.00	24.01 0.01 0.00	22.55 0.02 0.00	25.58 0.35 0.00	26.52 0.41 0.77	45.82 0.28 1.03	46.54 -0.05 3.48	34.43 -0.69 1.40	33.52 -0.53 1.71	36.35 -0.34 0.62	34.22 -0.54 0.43	40.02 -0.61 0.58	33.81 -0.39 0.06	29.81 -0.07 0.00
INDECK___OSWEGO 23783	17.01 -0.58 0.00	18.69 -0.66 0.00	19.25 -0.59 0.00	20.53 -0.53 0.00	20.50 -0.71 0.00	17.76 -0.58 0.00	23.27 -0.82 0.00	31.57 -1.21 0.00	29.66 -1.16 0.00	27.20 -1.14 0.00	24.68 -1.01 0.00	23.08 -0.92 0.00	21.69 -0.84 0.00	24.27 -0.96 0.00	25.87 -1.01 0.00	44.87 -1.70 0.00	48.30 -1.77 0.00	35.26 -1.25 0.00	34.55 -1.21 0.00	36.04 -1.28 0.00	33.94 -1.25 0.00	40.28 -1.53 -0.59	33.02 -1.24 0.00	28.81 -1.07 0.00
INDECK___YERKES 23781	16.51 -1.08 0.00	17.18 -1.30 0.87	18.23 -1.48 0.13	19.25 -1.63 0.18	19.75 -1.46 0.00	17.09 -1.21 0.04	21.39 -1.56 1.14	27.47 -2.26 3.05	28.80 -2.01 0.00	26.79 -1.56 0.00	24.61 -1.08 0.00	23.27 -0.73 0.00	21.73 -0.79 0.00	24.15 -1.08 0.00	22.96 -1.22 2.70	40.45 -2.51 3.61	34.97 -2.89 12.21	29.42 -2.18 4.91	27.68 -2.08 6.01	33.15 -1.99 2.18	31.64 -2.04 1.51	37.42 -2.62 1.18	32.16 -1.90 0.20	28.50 -1.39 0.00
INDIAN POINT_GT_1 24139	18.60 1.00 0.00	20.55 1.20 0.00	21.10 1.26 0.00	22.36 1.30 0.00	22.50 1.29 0.00	19.42 1.08 0.00	25.53 1.43 0.00	34.83 2.05 0.00	32.80 1.98 0.00	30.31 1.97 0.00	27.51 1.82 0.00	25.67 1.67 0.00	24.12 1.60 0.00	27.17 1.94 0.00	28.97 2.09 0.00	50.01 3.43 0.00	53.74 3.67 0.00	38.94 2.43 0.00	38.14 2.37 0.00	39.66 2.34 0.00	37.27 2.07 0.00	43.38 2.16 0.00	36.06 1.80 0.00	31.52 1.64 0.00
INDIAN POINT_GT_2 23659	18.60 1.00 0.00	20.55 1.20 0.00	21.10 1.26 0.00	22.36 1.30 0.00	22.50 1.29 0.00	19.42 1.08 0.00	25.53 1.43 0.00	34.83 2.05 0.00	32.80 1.98 0.00	30.31 1.97 0.00	27.51 1.82 0.00	25.67 1.67 0.00	24.12 1.60 0.00	27.17 1.94 0.00	28.97 2.09 0.00	50.01 3.43 0.00	53.74 3.67 0.00	38.94 2.43 0.00	38.14 2.37 0.00	39.66 2.34 0.00	37.27 2.07 0.00	43.38 2.16 0.00	36.06 1.80 0.00	31.52 1.64 0.00
INDIAN POINT_GT_3 24019	18.60 1.00 0.00	20.55 1.20 0.00	21.10 1.26 0.00	22.36 1.30 0.00	22.50 1.29 0.00	19.42 1.08 0.00	25.53 1.43 0.00	34.83 2.05 0.00	32.80 1.98 0.00	30.31 1.97 0.00	27.51 1.82 0.00	25.67 1.67 0.00	24.12 1.60 0.00	27.17 1.94 0.00	28.97 2.09 0.00	50.01 3.43 0.00	53.74 3.67 0.00	38.94 2.43 0.00	38.14 2.37 0.00	39.66 2.34 0.00	37.27 2.07 0.00	43.38 2.16 0.00	36.06 1.80 0.00	31.52 1.64 0.00
INDIAN POINT___2 23530	18.55 0.95 0.00	20.50 1.14 0.00	21.05 1.21 0.00	22.31 1.25 0.00	22.45 1.24 0.00	19.38 1.04 0.00	25.47 1.38 0.00	34.73 1.95 0.00	32.70 1.89 0.00	30.23 1.89 0.00	27.45 1.76 0.00	25.61 1.61 0.00	24.06 1.54 0.00	27.12 1.89 0.00	28.91 2.03 0.00	49.92 3.35 0.00	53.64 3.56 0.00	38.84 2.33 0.00	38.04 2.27 0.00	39.55 2.23 0.00	37.16 1.97 0.00	43.28 2.05 0.00	35.98 1.71 0.00	31.45 1.57 0.00
INDIAN POINT___3 23531	18.63 1.04 0.00	20.59 1.24 0.00	21.14 1.30 0.00	22.41 1.35 0.00	22.55 1.34 0.00	19.45 1.12 0.00	25.57 1.48 0.00	34.90 2.13 0.00	32.89 2.07 0.00	30.40 2.06 0.00	27.60 1.91 0.00	25.75 1.75 0.00	24.19 1.67 0.00	27.22 1.99 0.00	29.01 2.13 0.00	50.05 3.48 0.00	53.80 3.72 0.00	39.02 2.50 0.00	38.20 2.43 0.00	39.73 2.41 0.00	37.34 2.14 0.00	43.46 2.24 0.00	36.14 1.88 0.00	31.58 1.70 0.00
INGHAM_C_115KV_TB7 356103	17.76 0.17 0.00	19.67 0.31 0.00	20.29 0.45 0.00	21.55 0.49 0.00	21.66 0.45 0.00	18.69 0.35 0.00	24.68 0.59 0.00	33.78 1.00 0.00	31.43 0.61 0.00	28.36 0.01 0.00	25.41 -0.28 0.00	23.62 -0.38 0.00	22.17 -0.36 0.00	24.96 -0.27 0.00	26.76 -0.12 0.00	47.14 0.57 0.00	51.08 1.01 0.00	37.13 0.62 0.00	36.58 0.82 0.00	37.91 0.59 0.00	35.81 0.62 0.00	42.02 0.80 0.00	34.67 0.40 0.00	30.18 0.30 0.00
IP CORINTH___1 23988	18.40 0.81 0.00	20.32 0.97 0.00	20.89 1.05 0.00	22.19 1.13 0.00	22.38 1.17 0.00	19.30 0.96 0.00	25.51 1.42 0.00	34.90 2.12 0.00	32.70 1.89 0.00	29.98 1.64 0.00	26.86 1.17 0.00	24.91 0.90 0.00	23.38 0.85 0.00	26.26 1.03 0.00	27.83 0.95 0.00	48.51 1.94 0.00	52.53 2.45 0.00	38.25 1.74 0.00	37.55 1.79 0.00	39.37 2.05 0.00	37.06 1.87 0.00	43.36 2.14 0.00	35.95 1.69 0.00	31.34 1.46 0.00

IP__TICONDEROGA 23804	19.19 1.60 0.00	21.27 1.91 0.00	21.87 2.02 0.00	23.25 2.19 0.00	23.55 2.34 0.00	20.24 1.91 0.00	26.93 2.84 0.00	36.90 4.12 0.00	34.41 3.60 0.00	31.74 3.39 0.00	28.11 2.42 0.00	25.83 1.83 0.00	24.33 1.81 0.00	27.45 2.22 0.00	29.26 2.38 0.00	51.11 4.54 0.00	55.60 5.53 0.00	40.40 3.89 0.00	39.71 3.94 0.00	41.99 4.67 0.00	39.49 4.30 0.00	45.58 4.35 0.00	37.66 3.40 0.00	32.68 2.80 0.00
ISLIP_RES_REC 323679	18.92 1.33 0.00	20.86 1.51 0.00	21.59 1.75 0.00	22.86 1.80 0.00	23.04 1.83 0.00	19.73 1.40 0.00	25.89 1.80 0.00	35.25 2.47 0.00	33.08 2.27 0.00	30.79 2.45 0.00	28.28 2.59 0.00	26.41 2.41 0.00	24.81 2.29 0.00	27.62 2.39 0.00	26.46 2.22 2.65	41.07 3.43 8.94	14.04 3.26 39.29	17.89 2.21 20.83	36.24 2.39 1.91	31.31 2.22 8.22	33.40 2.00 3.79	34.41 2.06 8.88	30.25 1.80 5.81	30.68 1.74 0.94
JAMAICA__27_KV_LOAD 355505	18.87 1.28 0.00	20.85 1.50 0.00	21.39 1.55 0.00	22.65 1.59 0.00	22.78 1.57 0.00	19.71 1.38 0.00	25.92 1.83 0.00	35.28 2.50 0.00	33.30 2.48 0.00	30.75 2.41 0.00	27.94 2.25 0.00	26.08 2.08 0.00	24.54 2.01 0.00	27.62 2.39 0.00	29.48 2.60 0.00	50.78 4.21 0.00	54.60 4.53 0.00	39.62 3.11 0.00	38.76 2.99 0.00	40.36 3.04 0.00	38.01 2.60 -0.22	43.97 2.74 0.00	36.56 2.30 0.00	31.95 2.07 0.00
JANIS__SOLAR 323808	17.76 0.17 0.00	19.67 0.05 -0.27	19.93 0.04 -0.04	21.17 0.06 -0.06	21.29 0.08 0.00	18.48 0.14 -0.01	24.77 0.33 -0.35	34.21 0.50 -0.93	31.10 0.29 0.00	28.27 -0.07 0.00	25.51 -0.19 0.00	23.75 -0.26 0.00	22.21 -0.32 0.00	24.94 -0.29 0.00	27.57 -0.13 -0.82	47.72 0.05 -1.10	54.05 0.27 -3.71	38.83 0.82 -1.50	38.66 1.07 -1.82	39.11 1.13 -0.66	36.55 0.89 -0.46	42.30 0.96 -0.11	34.89 0.57 -0.06	30.30 0.43 0.00
JARVIS____ 23743	17.65 0.06 0.00	19.45 0.09 0.00	19.96 0.11 0.00	21.18 0.12 0.00	21.34 0.13 0.00	18.43 0.09 0.00	24.22 0.12 0.00	32.97 0.19 0.00	30.97 0.16 0.00	28.47 0.13 0.00	25.79 0.10 0.00	24.07 0.07 0.00	22.59 0.06 0.00	25.33 0.10 0.00	27.01 0.13 0.00	46.79 0.21 0.00	50.31 0.24 0.00	36.66 0.15 0.00	35.93 0.16 0.00	37.47 0.15 0.00	35.33 0.13 0.00	41.35 0.13 0.00	34.37 0.11 0.00	29.98 0.11 0.00
JENNISON__1 23625	17.75 0.16 0.00	19.64 0.14 -0.15	20.05 0.18 -0.02	21.43 0.34 -0.03	21.47 0.26 0.00	18.51 0.16 -0.01	24.74 0.45 -0.20	34.10 0.80 -0.52	31.52 0.71 0.00	29.11 0.77 0.00	26.60 0.91 0.00	24.76 0.76 0.00	23.08 0.55 0.00	25.95 0.72 0.00	28.00 0.66 -0.46	48.42 1.23 -0.62	53.41 1.24 -2.09	38.58 1.23 -0.84	38.18 1.39 -1.03	39.21 1.52 -0.37	36.57 1.11 -0.26	42.79 1.58 0.00	35.53 1.24 -0.03	30.65 0.77 0.00
JENNISON__2 23626	17.75 0.16 0.00	19.64 0.14 -0.15	20.05 0.18 -0.02	21.43 0.34 -0.03	21.47 0.26 0.00	18.51 0.16 -0.01	24.74 0.45 -0.20	34.10 0.80 -0.52	31.52 0.71 0.00	29.11 0.77 0.00	26.60 0.91 0.00	24.76 0.76 0.00	23.08 0.55 0.00	25.95 0.72 0.00	28.00 0.66 -0.46	48.42 1.23 -0.62	53.41 1.24 -2.09	38.58 1.23 -0.84	38.18 1.39 -1.03	39.21 1.52 -0.37	36.57 1.11 -0.26	42.79 1.58 0.00	35.53 1.24 -0.03	30.65 0.77 0.00
JERICHO_RISE_WT_PWR 323719	17.62 0.02 0.00	19.06 -0.30 0.00	-5.57 -0.61 24.80	-24.02 -0.65 44.43	-24.02 -0.62 44.61	-23.82 -0.50 41.65	-24.28 -0.59 47.77	-24.90 -0.74 56.94	-24.77 -0.65 54.93	-24.52 -0.56 52.30	-24.27 -0.47 49.49	-24.16 -0.42 47.75	-24.12 -0.43 46.21	-24.34 -0.66 48.91	-10.64 -0.75 36.77	18.15 -0.98 27.44	-20.35 -1.24 69.19	26.53 -0.46 9.53	35.34 -0.43 0.00	16.32 -0.69 20.31	35.12 -0.08 0.00	41.58 0.36 0.00	34.48 0.22 0.00	30.02 0.14 0.00
KATONAH__115KV_46KV_TB4 355592	18.74 1.15 0.00	20.69 1.34 0.00	21.25 1.40 0.00	22.53 1.47 0.00	22.67 1.46 0.00	19.57 1.24 0.00	25.76 1.67 0.00	35.17 2.40 0.00	33.14 2.33 0.00	30.63 2.29 0.00	27.75 2.06 0.00	25.91 1.91 0.00	24.34 1.81 0.00	27.40 2.17 0.00	29.20 2.33 0.00	50.44 3.87 0.00	54.21 4.14 0.00	39.34 2.83 0.00	38.54 2.77 0.00	40.11 2.79 0.00	37.67 2.48 0.00	43.83 2.61 0.00	36.41 2.15 0.00	31.78 1.90 0.00
KCE_NY_1 323755	18.51 0.91 0.00	20.43 1.07 0.00	20.99 1.15 0.00	22.30 1.24 0.00	22.46 1.26 0.00	19.38 1.05 0.00	25.56 1.47 0.00	34.92 2.14 0.00	32.75 1.94 0.00	29.97 1.64 0.00	26.95 1.26 0.00	25.05 1.05 0.00	23.49 0.96 0.00	26.37 1.14 0.00	28.09 1.22 0.00	48.87 2.30 0.00	52.87 2.80 0.00	38.55 2.03 0.00	37.82 2.05 0.00	39.52 2.20 0.00	37.24 2.05 0.00	43.50 2.28 0.00	36.08 1.82 0.00	31.46 1.58 0.00
KCE_NY_6_ESR 323823	16.55 -1.05 0.00	17.04 -1.26 1.06	18.26 -1.42 0.16	19.28 -1.57 0.22	19.82 -1.39 0.00	17.14 -1.16 0.04	21.20 -1.50 1.39	26.92 -2.16 3.70	28.95 -1.87 0.00	26.91 -1.43 0.00	24.72 -0.98 0.00	23.31 -0.69 0.00	21.80 -0.73 0.00	24.29 -0.94 0.00	22.44 -1.16 3.28	39.95 -2.24 4.38	32.66 -2.59 14.82	28.50 -2.05 5.96	26.56 -1.91 7.29	32.97 -1.70 2.65	31.55 -1.81 1.83	37.67 -2.23 1.33	32.37 -1.65 0.24	28.73 -1.15 0.00
KEDC_PORT_JEFF_GT2 24210	18.83 1.24 0.00	20.78 1.43 0.00	21.50 1.65 0.00	22.76 1.70 0.00	22.93 1.72 0.00	19.59 1.25 0.00	25.66 1.57 0.00	34.90 2.13 0.00	32.76 1.94 0.00	30.55 2.21 0.00	28.11 2.42 0.00	26.26 2.26 0.00	24.65 2.13 0.00	27.37 2.14 0.00	26.17 1.95 2.67	40.51 2.94 9.00	13.22 2.73 39.58	17.26 1.74 20.99	35.71 1.87 1.93	30.72 1.69 8.29	32.95 1.58 3.82	33.91 1.63 8.94	29.93 1.53 5.86	30.49 1.55 0.95
KEDC_PORT_JEFF_GT3 24211	18.83 1.24 0.00	20.78 1.43 0.00	21.50 1.65 0.00	22.76 1.70 0.00	22.93 1.72 0.00	19.59 1.25 0.00	25.66 1.57 0.00	34.90 2.13 0.00	32.76 1.94 0.00	30.55 2.21 0.00	28.11 2.42 0.00	26.26 2.26 0.00	24.65 2.13 0.00	27.37 2.14 0.00	26.17 1.95 2.67	40.51 2.94 9.00	13.22 2.73 39.58	17.26 1.74 20.99	35.71 1.87 1.93	30.72 1.69 8.29	32.95 1.58 3.82	33.91 1.63 8.94	29.93 1.53 5.86	30.49 1.55 0.95
KEDC_GLWD_GT4 24219	18.87 1.28 0.00	20.84 1.48 0.00	21.43 1.59 0.00	22.69 1.63 0.00	22.86 1.65 0.00	19.66 1.32 0.00	25.82 1.73 0.00	35.16 2.38 0.00	33.07 2.26 0.00	30.73 2.39 0.00	28.10 2.41 0.00	26.30 2.30 0.00	24.66 2.14 0.00	27.69 2.45 0.00	28.22 2.41 1.07	46.68 3.73 3.62	38.07 3.92 15.92	30.75 2.62 8.38	37.58 2.59 0.77	36.56 2.55 3.31	36.01 2.23 1.42	39.95 2.30 3.57	33.86 1.93 2.34	31.30 1.80 0.38
KEDC_GLWD_GT5 24220	18.87 1.28 0.00	20.84 1.48 0.00	21.43 1.59 0.00	22.69 1.63 0.00	22.86 1.65 0.00	19.66 1.32 0.00	25.82 1.73 0.00	35.16 2.38 0.00	33.07 2.26 0.00	30.73 2.39 0.00	28.10 2.41 0.00	26.30 2.30 0.00	24.66 2.14 0.00	27.69 2.45 0.00	28.22 2.41 1.07	46.68 3.73 3.62	38.07 3.92 15.92	30.75 2.62 8.38	37.58 2.59 0.77	36.56 2.55 3.31	36.01 2.23 1.42	39.95 2.30 3.57	33.86 1.93 2.34	31.30 1.80 0.38

KENSICO____ 23655	18.66 1.06 0.00	20.61 1.26 0.00	21.17 1.33 0.00	22.44 1.37 0.00	22.57 1.37 0.00	19.48 1.14 0.00	25.61 1.52 0.00	34.94 2.16 0.00	32.92 2.11 0.00	30.44 2.10 0.00	27.64 1.95 0.00	25.80 1.80 0.00	24.24 1.71 0.00	27.28 2.05 0.00	29.08 2.19 0.00	50.16 3.59 0.00	53.90 3.82 0.00	39.07 2.56 0.00	38.26 2.50 0.00	39.79 2.47 0.00	37.38 2.19 0.00	43.51 2.29 0.00	36.18 1.92 0.00	31.61 1.73 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.73 1.14 0.00	20.68 1.33 0.00	21.23 1.38 0.00	22.51 1.45 0.00	22.66 1.45 0.00	19.56 1.23 0.00	25.75 1.66 0.00	35.18 2.40 0.00	33.09 2.28 0.00	30.49 2.15 0.00	27.63 1.93 0.00	25.72 1.71 0.00	24.13 1.61 0.00	27.18 1.95 0.00	29.01 2.12 0.00	50.16 3.59 0.00	54.01 3.94 0.00	39.30 2.78 0.00	38.59 2.83 0.00	40.17 2.86 0.00	37.73 2.53 0.00	43.91 2.68 0.00	36.46 2.20 0.00	31.82 1.95 0.00
KIAC_JFK_GT1 23816	18.77 1.18 0.00	20.75 1.40 0.00	21.28 1.44 0.00	22.54 1.48 0.00	22.67 1.46 0.00	19.61 1.27 0.00	25.78 1.69 0.00	35.09 2.31 0.00	33.11 2.30 0.00	30.58 2.24 0.00	27.79 2.10 0.00	25.94 1.94 0.00	24.40 1.88 0.00	27.47 2.24 0.00	29.32 2.44 0.00	50.50 3.93 0.00	54.29 4.21 0.00	39.39 2.87 0.00	38.53 2.76 0.00	40.11 2.79 0.00	37.80 2.39 -0.22	43.71 2.49 0.00	36.36 2.09 0.00	31.77 1.89 0.00
KIAC_JFK_GT2 23817	18.77 1.18 0.00	20.75 1.40 0.00	21.28 1.44 0.00	22.54 1.48 0.00	22.67 1.46 0.00	19.61 1.27 0.00	25.78 1.69 0.00	35.09 2.31 0.00	33.11 2.30 0.00	30.58 2.24 0.00	27.79 2.10 0.00	25.94 1.94 0.00	24.40 1.88 0.00	27.47 2.24 0.00	29.32 2.44 0.00	50.50 3.93 0.00	54.29 4.21 0.00	39.39 2.87 0.00	38.53 2.76 0.00	40.11 2.79 0.00	37.80 2.39 -0.22	43.71 2.49 0.00	36.36 2.09 0.00	31.77 1.89 0.00
KIAC_JFK____ 323774	18.77 1.18 0.00	20.75 1.40 0.00	21.28 1.44 0.00	22.54 1.48 0.00	22.67 1.46 0.00	19.61 1.27 0.00	25.79 1.70 0.00	35.09 2.31 0.00	33.11 2.30 0.00	30.59 2.25 0.00	27.79 2.10 0.00	25.95 1.94 0.00	24.40 1.88 0.00	27.47 2.24 0.00	29.31 2.44 0.00	50.50 3.92 0.00	54.29 4.21 0.00	39.37 2.86 0.00	38.53 2.76 0.00	40.11 2.80 0.00	37.80 2.38 -0.22	43.70 2.48 0.00	36.36 2.10 0.00	31.77 1.89 0.00
KINTIGH____ 23543	16.51 -1.08 0.00	17.53 -1.31 0.51	18.33 -1.43 0.08	19.39 -1.57 0.10	19.78 -1.43 0.00	17.12 -1.19 0.02	21.86 -1.56 0.67	28.69 -2.30 1.79	28.81 -2.01 0.00	26.72 -1.62 0.00	24.46 -1.23 0.00	23.07 -0.93 0.00	21.60 -0.93 0.00	24.05 -1.18 0.00	23.91 -1.38 1.59	41.83 -2.62 2.12	39.74 -3.15 7.18	31.28 -2.35 2.89	29.93 -2.30 3.53	33.89 -2.15 1.28	32.12 -2.19 0.89	37.58 -2.73 0.91	32.11 -2.03 0.12	28.34 -1.54 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.00 0.40 0.00	19.50 0.15 0.00	-4.06 -0.18 23.72	-21.63 -0.20 42.49	-21.66 -0.20 42.67	-21.68 -0.18 39.84	-21.67 -0.07 45.69	-21.66 0.02 54.46	-21.73 -0.01 52.54	-21.82 -0.13 50.02	-21.86 -0.21 47.33	-21.80 -0.14 45.67	-21.77 -0.09 44.20	-21.75 -0.20 46.77	-8.59 -0.31 35.16	20.22 -0.10 26.25	-16.41 -0.32 66.17	27.52 0.11 9.11	36.08 0.32 0.00	18.04 0.15 19.43	36.07 0.88 0.00	42.66 1.44 0.00	35.46 1.20 0.00	30.75 0.87 0.00
LACHUTE__HYDRO 323717	19.19 1.60 0.00	21.27 1.92 0.00	21.87 2.02 0.00	23.25 2.19 0.00	23.55 2.34 0.00	20.24 1.91 0.00	26.93 2.84 0.00	36.90 4.12 0.00	34.41 3.60 0.00	31.74 3.39 0.00	28.11 2.42 0.00	25.83 1.83 0.00	24.33 1.81 0.00	27.45 2.22 0.00	29.26 2.38 0.00	51.11 4.54 0.00	55.59 5.52 0.00	40.40 3.89 0.00	39.70 3.94 0.00	41.99 4.67 0.00	39.49 4.30 0.00	45.57 4.35 0.00	37.66 3.40 0.00	32.68 2.80 0.00
LAWRNCV_115KV_TB1 80681	17.87 0.28 0.00	19.48 0.13 0.00	22.71 0.00 -2.87	26.22 0.01 -5.15	26.45 0.08 -5.16	23.27 0.12 -4.82	29.88 0.26 -5.53	39.77 0.40 -6.59	37.53 0.36 -6.36	34.75 0.36 -6.05	31.77 0.35 -5.73	29.90 0.37 -5.52	28.22 0.35 -5.35	31.08 0.19 -5.66	31.21 0.07 -4.26	50.17 0.42 -3.17	58.62 0.54 -8.01	38.33 0.71 -1.10	36.33 0.57 0.00	40.31 0.64 -2.35	36.04 0.84 0.00	42.56 1.34 0.00	35.37 1.11 0.00	30.58 0.70 0.00
LEDERLE____ 23769	18.57 0.98 0.00	20.53 1.18 0.00	21.08 1.23 0.00	22.34 1.28 0.00	22.49 1.28 0.00	19.41 1.07 0.00	25.51 1.42 0.00	34.81 2.03 0.00	32.75 1.94 0.00	30.26 1.92 0.00	27.48 1.79 0.00	25.64 1.64 0.00	24.10 1.57 0.00	27.19 1.96 0.00	29.01 2.13 0.00	50.14 3.57 0.00	53.88 3.81 0.00	39.00 2.48 0.00	38.18 2.41 0.00	39.69 2.37 0.00	37.27 2.08 0.00	43.40 2.18 0.00	36.06 1.80 0.00	31.53 1.65 0.00
LIGHTRSE_115KV_TB6 355974	17.21 -0.39 0.00	18.80 -0.55 0.00	19.23 -0.61 0.00	20.45 -0.61 0.00	20.53 -0.68 0.00	17.80 -0.54 0.00	23.35 -0.74 0.00	31.76 -1.02 0.00	29.82 -1.00 0.00	27.25 -1.09 0.00	24.75 -0.94 0.00	23.19 -0.81 0.00	21.81 -0.71 0.00	24.37 -0.86 0.00	25.96 -0.92 0.00	45.30 -1.27 0.00	48.87 -1.20 0.00	35.72 -0.79 0.00	34.97 -0.80 0.00	36.37 -0.94 0.00	34.31 -0.88 0.00	40.52 -0.87 -0.17	33.64 -0.63 0.00	29.22 -0.66 0.00
LINDEN COGEN____ 23786	18.67 1.07 0.00	20.64 1.29 0.00	21.19 1.34 0.00	22.44 1.38 0.00	22.58 1.38 0.00	19.49 1.16 0.00	25.61 1.52 0.00	34.90 2.13 0.00	32.90 2.09 0.00	30.46 2.12 0.00	27.66 1.97 0.00	25.82 1.82 0.00	24.27 1.74 0.00	27.35 2.12 0.00	29.16 2.27 0.00	50.24 3.67 0.00	53.95 3.88 0.00	39.09 2.58 0.00	38.25 2.48 0.00	39.75 2.43 0.00	37.34 2.15 0.00	43.43 2.21 0.00	36.16 1.89 0.00	31.61 1.73 0.00
LINDHRST_69_KV_BK1 356055	18.99 1.40 0.00	20.96 1.60 0.00	21.59 1.74 0.00	22.84 1.78 0.00	23.02 1.81 0.00	19.75 1.42 0.00	25.94 1.85 0.00	35.34 2.56 0.00	33.19 2.38 0.00	30.88 2.54 0.00	28.29 2.60 0.00	26.43 2.42 0.00	24.78 2.26 0.00	27.72 2.49 0.00	26.96 2.41 2.33	42.46 3.76 7.87	19.33 3.84 34.58	20.81 2.61 18.31	36.68 2.60 1.68	32.62 2.52 7.23	34.16 2.28 3.31	35.79 2.37 7.80	31.15 2.00 5.11	30.95 1.90 0.83
LIPA_MISC_IPP 23656	18.81 1.22 0.00	20.75 1.40 0.00	21.54 1.69 0.00	22.80 1.74 0.00	22.98 1.77 0.00	19.68 1.35 0.00	25.81 1.72 0.00	35.12 2.34 0.00	32.96 2.15 0.00	30.64 2.30 0.00	28.12 2.43 0.00	26.25 2.25 0.00	24.66 2.14 0.00	27.46 2.23 0.00	26.28 2.08 2.67	40.73 3.19 9.03	13.00 2.64 39.71	17.24 1.79 21.06	36.06 2.23 1.93	31.00 1.99 8.31	33.17 1.81 3.84	34.08 1.83 8.97	29.99 1.61 5.88	30.52 1.59 0.95
LISF__SOLAR 323691	18.83 1.24 0.00	20.78 1.42 0.00	21.57 1.72 0.00	22.83 1.77 0.00	23.01 1.80 0.00	19.71 1.37 0.00	25.87 1.78 0.00	35.17 2.39 0.00	32.99 2.18 0.00	30.67 2.33 0.00	28.14 2.45 0.00	26.27 2.27 0.00	24.69 2.16 0.00	27.47 2.25 0.00	26.30 2.09 2.67	40.75 3.20 9.02	13.10 2.69 39.67	17.32 1.84 21.03	36.14 2.31 1.93	31.09 2.07 8.31	33.23 1.87 3.83	34.16 1.90 8.96	30.06 1.67 5.87	30.56 1.63 0.95

LITTLE FALLS___HYD 24013	17.76 0.17 0.00	19.67 0.31 0.00	20.29 0.45 0.00	21.55 0.49 0.00	21.66 0.45 0.00	18.69 0.35 0.00	24.68 0.59 0.00	33.78 1.00 0.00	31.43 0.61 0.00	28.36 0.01 0.00	25.41 -0.28 0.00	23.62 -0.38 0.00	22.17 -0.36 0.00	24.96 -0.27 0.00	26.76 -0.12 0.00	47.14 0.57 0.00	51.08 1.01 0.00	37.13 0.62 0.00	36.58 0.82 0.00	37.91 0.59 0.00	35.81 0.62 0.00	42.02 0.80 0.00	34.67 0.40 0.00	30.18 0.30 0.00
LITTLRIV_115KV_TB1 356100	18.11 0.52 0.00	19.74 0.39 0.00	23.27 0.25 -3.17	27.01 0.28 -5.67	27.28 0.39 -5.69	24.04 0.40 -5.31	30.86 0.68 -6.09	41.00 0.97 -7.26	38.67 0.85 -7.00	35.78 0.77 -6.67	32.65 0.65 -6.31	30.74 0.65 -6.09	29.06 0.64 -5.89	31.98 0.51 -6.23	31.90 0.33 -4.69	51.21 1.14 -3.50	60.25 1.36 -8.82	39.07 1.35 -1.21	36.98 1.21 0.00	41.24 1.33 -2.59	36.67 1.47 0.00	43.24 2.02 0.00	35.92 1.66 0.00	31.00 1.12 0.00
LI_NEWBRDGE___DRP 323616	18.75 1.16 0.00	20.70 1.35 0.00	21.31 1.46 0.00	22.57 1.51 0.00	22.72 1.51 0.00	19.53 1.19 0.00	25.62 1.53 0.00	34.90 2.12 0.00	32.81 2.00 0.00	30.48 2.14 0.00	27.88 2.19 0.00	26.07 2.07 0.00	24.46 1.94 0.00	27.42 2.19 0.00	26.08 2.11 2.91	39.98 3.23 9.82	10.26 3.36 43.18	15.82 2.22 22.92	35.85 2.19 2.10	30.41 2.14 9.05	32.84 1.87 4.23	33.35 1.89 9.76	29.48 1.61 6.40	30.39 1.55 1.03
LOCKPORT_115KV_TB60_63_64 80432	16.36 -1.24 0.00	17.13 -1.48 0.75	18.08 -1.65 0.11	19.11 -1.80 0.15	19.56 -1.65 0.00	16.94 -1.37 0.03	21.40 -1.71 0.98	27.60 -2.55 2.63	28.51 -2.30 0.00	26.49 -1.85 0.00	24.33 -1.36 0.00	22.99 -1.01 0.00	21.50 -1.03 0.00	23.83 -1.40 0.00	23.05 -1.50 2.33	40.54 -2.92 3.11	36.27 -3.27 10.53	29.76 -2.52 4.24	28.17 -2.41 5.18	33.08 -2.36 1.88	31.51 -2.38 1.30	37.05 -3.08 1.09	31.85 -2.24 0.17	28.19 -1.69 0.00
LOCKPORT___CC1 323769	16.35 -1.25 0.00	17.06 -1.49 0.81	18.05 -1.68 0.12	19.06 -1.84 0.16	19.55 -1.66 0.00	16.92 -1.38 0.03	21.25 -1.78 1.06	27.37 -2.58 2.83	28.50 -2.32 0.00	26.48 -1.87 0.00	24.32 -1.37 0.00	22.98 -1.02 0.00	21.47 -1.05 0.00	23.83 -1.40 0.00	22.83 -1.54 2.51	40.20 -3.03 3.35	35.41 -3.33 11.34	29.41 -2.54 4.56	27.75 -2.44 5.58	32.91 -2.38 2.03	31.37 -2.42 1.40	36.99 -3.09 1.14	31.81 -2.26 0.19	28.18 -1.70 0.00
LOCKPORT___CC2 323770	16.35 -1.25 0.00	17.06 -1.49 0.81	18.05 -1.68 0.12	19.06 -1.84 0.16	19.55 -1.66 0.00	16.92 -1.38 0.03	21.25 -1.78 1.06	27.37 -2.58 2.83	28.50 -2.32 0.00	26.48 -1.87 0.00	24.32 -1.37 0.00	22.98 -1.02 0.00	21.47 -1.05 0.00	23.83 -1.40 0.00	22.83 -1.54 2.51	40.20 -3.03 3.35	35.41 -3.33 11.34	29.41 -2.54 4.56	27.75 -2.44 5.58	32.91 -2.38 2.03	31.37 -2.42 1.40	36.99 -3.09 1.14	31.81 -2.26 0.19	28.18 -1.70 0.00
LOCKPORT___CC3 323771	16.35 -1.25 0.00	17.06 -1.49 0.81	18.05 -1.68 0.12	19.06 -1.84 0.16	19.55 -1.66 0.00	16.92 -1.38 0.03	21.25 -1.78 1.06	27.37 -2.58 2.83	28.50 -2.32 0.00	26.48 -1.87 0.00	24.32 -1.37 0.00	22.98 -1.02 0.00	21.47 -1.05 0.00	23.83 -1.40 0.00	22.83 -1.54 2.51	40.20 -3.03 3.35	35.41 -3.33 11.34	29.41 -2.54 4.56	27.75 -2.44 5.58	32.91 -2.38 2.03	31.37 -2.42 1.40	36.99 -3.09 1.14	31.81 -2.26 0.19	28.18 -1.70 0.00
LONG_LAKE_PHOENIX 24014	17.11 -0.48 0.00	18.80 -0.55 0.00	19.34 -0.51 0.00	20.58 -0.48 0.00	20.60 -0.61 0.00	17.85 -0.49 0.00	23.41 -0.69 0.00	31.76 -1.02 0.00	29.84 -0.97 0.00	27.36 -0.98 0.00	24.81 -0.88 0.00	23.18 -0.82 0.00	21.79 -0.74 0.00	24.39 -0.84 0.00	26.02 -0.86 0.00	45.15 -1.42 0.00	48.59 -1.49 0.00	35.44 -1.07 0.00	34.75 -1.01 0.00	36.27 -1.05 0.00	34.13 -1.06 0.00	40.23 -1.34 -0.34	33.14 -1.13 0.00	28.93 -0.94 0.00
LOVETT___3 23632	18.48 0.89 0.00	20.44 1.08 0.00	20.98 1.14 0.00	22.23 1.17 0.00	22.39 1.18 0.00	19.31 0.98 0.00	25.38 1.29 0.00	34.61 1.84 0.00	32.56 1.75 0.00	30.10 1.76 0.00	27.33 1.64 0.00	25.49 1.49 0.00	23.96 1.44 0.00	27.03 1.80 0.00	28.83 1.95 0.00	49.82 3.25 0.00	53.52 3.45 0.00	38.72 2.21 0.00	37.92 2.16 0.00	39.43 2.11 0.00	37.04 1.84 0.00	43.14 1.92 0.00	35.85 1.59 0.00	31.36 1.48 0.00
LOVETT___4 23642	18.48 0.89 0.00	20.44 1.08 0.00	20.98 1.14 0.00	22.23 1.17 0.00	22.39 1.18 0.00	19.31 0.98 0.00	25.38 1.29 0.00	34.61 1.84 0.00	32.56 1.75 0.00	30.10 1.76 0.00	27.33 1.64 0.00	25.49 1.49 0.00	23.96 1.44 0.00	27.03 1.80 0.00	28.83 1.95 0.00	49.82 3.25 0.00	53.52 3.45 0.00	38.72 2.21 0.00	37.92 2.16 0.00	39.43 2.11 0.00	37.04 1.84 0.00	43.14 1.92 0.00	35.85 1.59 0.00	31.36 1.48 0.00
LOVETT___5 23593	18.48 0.89 0.00	20.44 1.08 0.00	20.98 1.14 0.00	22.23 1.17 0.00	22.39 1.18 0.00	19.31 0.98 0.00	25.38 1.29 0.00	34.61 1.84 0.00	32.56 1.75 0.00	30.10 1.76 0.00	27.33 1.64 0.00	25.49 1.49 0.00	23.96 1.44 0.00	27.03 1.80 0.00	28.83 1.95 0.00	49.82 3.25 0.00	53.52 3.45 0.00	38.72 2.21 0.00	37.92 2.16 0.00	39.43 2.11 0.00	37.04 1.84 0.00	43.14 1.92 0.00	35.85 1.59 0.00	31.36 1.48 0.00
LOWER RAQUET___HYD 24057	17.88 0.29 0.00	19.49 0.14 0.00	23.27 -0.01 -3.44	27.22 0.00 -6.16	27.47 0.08 -6.18	24.22 0.12 -5.77	30.98 0.27 -6.62	41.09 0.42 -7.89	38.79 0.37 -7.61	35.94 0.35 -7.24	32.90 0.35 -6.86	30.98 0.36 -6.62	29.27 0.35 -6.40	32.20 0.19 -6.78	32.03 0.06 -5.09	50.83 0.46 -3.80	60.25 0.59 -9.59	38.59 0.76 -1.32	36.38 0.61 0.00	40.81 0.68 -2.82	36.09 0.90 0.00	42.63 1.41 0.00	35.42 1.16 0.00	30.61 0.73 0.00
LOWER___HUDSON 24059	18.32 0.73 0.00	20.23 0.88 0.00	20.81 0.97 0.00	22.10 1.03 0.00	22.23 1.02 0.00	19.17 0.83 0.00	25.23 1.14 0.00	34.47 1.69 0.00	32.41 1.59 0.00	29.70 1.36 0.00	26.74 1.05 0.00	24.87 0.87 0.00	23.30 0.78 0.00	26.14 0.91 0.00	27.87 1.00 0.00	48.33 1.76 0.00	52.17 2.09 0.00	38.01 1.50 0.00	37.29 1.52 0.00	38.93 1.61 0.00	36.77 1.57 0.00	42.96 1.74 0.00	35.65 1.39 0.00	31.10 1.22 0.00
LOWVILLE_115KV_TB2 356335	17.56 -0.03 0.00	19.11 -0.25 0.00	20.22 -0.61 -0.99	22.21 -0.62 -1.77	22.39 -0.59 -1.76	19.56 -0.42 -1.64	25.54 -0.44 -1.89	34.54 -0.48 -2.25	32.39 -0.59 -2.17	29.64 -0.76 -2.07	27.12 -0.52 -1.96	25.35 -0.54 -1.88	23.87 -0.48 -1.83	26.69 -0.47 -1.93	27.79 -0.54 -1.45	47.22 -0.43 -1.08	52.89 0.09 -2.73	37.14 0.25 -0.38	35.77 0.00 0.00	37.98 -0.14 -0.80	35.31 0.11 0.00	42.00 0.78 0.00	34.94 0.68 0.00	30.12 0.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.50 0.90 0.00	20.42 1.07 0.00	20.99 1.15 0.00	22.28 1.23 0.00	22.45 1.25 0.00	19.37 1.04 0.00	25.54 1.45 0.00	34.91 2.13 0.00	32.74 1.92 0.00	29.95 1.61 0.00	26.93 1.24 0.00	25.04 1.04 0.00	23.47 0.95 0.00	26.36 1.13 0.00	28.09 1.21 0.00	48.85 2.28 0.00	52.84 2.77 0.00	38.52 2.01 0.00	37.80 2.03 0.00	39.49 2.17 0.00	37.22 2.03 0.00	43.48 2.26 0.00	36.06 1.79 0.00	31.44 1.56 0.00

LUTHERNY_35_KV_BK2 355980	18.51 0.91 0.00	20.43 1.08 0.00	20.99 1.15 0.00	22.30 1.24 0.00	22.46 1.26 0.00	19.38 1.05 0.00	25.56 1.47 0.00	34.92 2.14 0.00	32.75 1.94 0.00	29.98 1.64 0.00	26.95 1.26 0.00	25.05 1.05 0.00	23.49 0.96 0.00	26.37 1.14 0.00	28.10 1.22 0.00	48.88 2.31 0.00	52.88 2.80 0.00	38.55 2.04 0.00	37.82 2.05 0.00	39.52 2.20 0.00	37.25 2.06 0.00	43.50 2.28 0.00	36.08 1.82 0.00	31.46 1.58 0.00
LWR___OSWEGATCHIE_HYD 23850	17.70 0.11 0.00	19.26 -0.09 0.00	21.84 -0.34 -2.34	24.93 -0.32 -4.19	25.14 -0.27 -4.19	22.09 -0.16 -3.92	28.49 -0.09 -4.49	38.10 -0.03 -5.35	35.85 -0.12 -5.16	33.01 -0.25 -4.92	30.20 -0.15 -4.65	28.38 -0.11 -4.49	26.79 -0.08 -4.34	29.65 -0.18 -4.60	30.05 -0.29 -3.46	49.14 -0.01 -2.58	56.89 0.31 -6.50	37.90 0.50 -0.90	36.08 0.31 0.00	39.51 0.28 -1.91	35.69 0.49 0.00	42.29 1.07 0.00	35.16 0.90 0.00	30.33 0.45 0.00
LYONS_FALL_HYD 23570	17.69 0.10 0.00	19.32 -0.04 0.00	20.26 -0.24 -0.65	22.00 -0.24 -1.17	22.17 -0.20 -1.17	19.32 -0.11 -1.09	25.29 -0.06 -1.25	34.27 0.00 -1.49	32.15 -0.10 -1.44	29.43 -0.28 -1.37	26.83 -0.16 -1.29	25.06 -0.19 -1.25	23.56 -0.17 -1.21	26.40 -0.11 -1.28	27.74 -0.09 -0.96	47.42 0.13 -0.72	52.42 0.54 -1.81	37.28 0.52 -0.25	36.14 0.38 0.00	38.14 0.29 -0.53	35.60 0.40 0.00	42.07 0.84 0.00	34.95 0.69 0.00	30.24 0.37 0.00
MADISON___COUNTY_LFGE 323628	17.85 0.26 0.00	19.58 0.23 0.00	20.05 0.21 0.00	21.28 0.22 0.00	21.45 0.24 0.00	18.63 0.29 0.00	24.53 0.44 0.00	33.41 0.63 0.00	31.34 0.52 0.00	28.62 0.27 0.00	25.88 0.19 0.00	24.15 0.15 0.00	22.65 0.13 0.00	25.47 0.24 0.00	27.30 0.43 0.00	47.33 0.76 0.00	51.15 1.07 0.00	37.35 0.84 0.00	36.61 0.85 0.00	38.16 0.84 0.00	35.94 0.74 0.00	41.98 0.84 0.08	34.86 0.60 0.00	30.34 0.46 0.00
MALONE___115KV_TB1 356076	17.82 0.23 0.00	19.31 -0.04 0.00	34.42 -0.32 -14.90	47.41 -0.34 -26.69	47.71 -0.29 -26.79	43.14 -0.21 -25.01	52.62 -0.16 -28.69	66.85 -0.13 -34.20	63.70 -0.10 -32.99	59.68 -0.07 -31.41	55.37 -0.04 -29.72	52.64 -0.04 -28.68	50.22 -0.06 -27.75	54.36 -0.24 -29.37	48.65 -0.31 -22.08	62.81 -0.24 -16.48	91.35 -0.27 -41.55	42.46 0.23 -5.72	35.98 0.21 0.00	49.59 0.08 -12.20	35.73 0.53 0.00	42.25 1.02 0.00	35.02 0.76 0.00	30.41 0.54 0.00
MAPLEWOD_115KV_TB3 80458	18.26 0.66 0.00	20.16 0.81 0.00	20.75 0.91 0.00	22.03 0.97 0.00	22.15 0.94 0.00	19.11 0.77 0.00	25.20 1.10 0.00	34.43 1.65 0.00	32.34 1.53 0.00	29.64 1.30 0.00	26.71 1.02 0.00	24.86 0.85 0.00	23.29 0.76 0.00	26.13 0.90 0.00	27.88 1.00 0.00	48.32 1.75 0.00	52.17 2.10 0.00	38.03 1.52 0.00	37.32 1.55 0.00	38.91 1.59 0.00	36.72 1.53 0.00	42.86 1.64 0.00	35.55 1.29 0.00	31.00 1.12 0.00
MAPLE_RIDGE_WT_1 323574	-19.74 -0.62 36.71	13.63 -0.73 4.99	19.08 -0.76 0.00	20.26 -0.80 0.00	20.45 -0.76 0.00	17.66 -0.67 0.00	23.28 -0.81 0.00	31.78 -1.00 0.00	29.87 -0.94 0.00	27.66 -0.68 0.00	25.18 -0.51 0.00	23.43 -0.57 0.00	21.96 -0.56 0.00	24.59 -0.64 0.00	26.08 -0.79 0.00	45.35 -1.23 0.00	49.15 -0.92 0.00	36.00 -0.51 0.00	34.92 -0.85 0.00	36.39 -0.93 0.00	34.67 -0.53 0.00	41.15 -0.07 0.00	34.24 -0.03 0.00	29.73 -0.15 0.00
MAPLE_RIDGE_WT_2 323611	-19.74 -0.62 36.71	13.63 -0.73 4.99	19.08 -0.76 0.00	20.26 -0.80 0.00	20.45 -0.76 0.00	17.66 -0.67 0.00	23.28 -0.81 0.00	31.78 -1.00 0.00	29.87 -0.94 0.00	27.66 -0.68 0.00	25.18 -0.51 0.00	23.43 -0.57 0.00	21.96 -0.56 0.00	24.59 -0.64 0.00	26.08 -0.79 0.00	45.35 -1.23 0.00	49.15 -0.92 0.00	36.00 -0.51 0.00	34.92 -0.85 0.00	36.39 -0.93 0.00	34.67 -0.53 0.00	41.15 -0.07 0.00	34.24 -0.03 0.00	29.73 -0.15 0.00
MARBLE_RIVER_WT_PWR 323696	17.69 0.10 0.00	19.15 -0.20 0.00	-3.85 -0.53 23.16	-21.00 -0.57 41.49	-21.00 -0.55 41.66	-21.00 -0.44 38.90	-21.00 -0.48 44.62	-21.00 -0.60 53.18	-21.00 -0.51 51.30	-21.00 -0.50 48.84	-21.00 -0.47 46.22	-21.00 -0.41 44.59	-21.00 -0.36 43.16	-21.00 -0.56 45.67	-8.14 -0.68 34.34	20.11 -0.83 25.63	-15.56 -1.02 64.61	27.21 -0.41 8.90	35.44 -0.32 0.00	17.75 -0.60 18.97	35.27 0.07 0.00	41.76 0.54 0.00	34.65 0.39 0.00	30.15 0.27 0.00
MARSHVLE_115KV_TB1 80742	18.52 0.93 0.00	20.35 0.99 0.00	20.83 0.99 0.00	22.09 1.03 0.00	22.31 1.10 0.00	19.33 1.00 0.00	25.49 1.40 0.00	34.53 1.75 0.00	32.18 1.37 0.00	29.11 0.77 0.00	26.36 0.67 0.00	24.75 0.75 0.00	23.33 0.81 0.00	26.26 1.03 0.00	28.05 1.17 0.00	49.01 2.44 0.00	53.08 3.01 0.00	38.79 2.28 0.00	38.07 2.31 0.00	39.54 2.22 0.00	37.26 2.07 0.00	43.77 2.55 0.00	36.36 2.10 0.00	31.61 1.73 0.00
MARSH_HILL_WT_PWR 323713	16.34 -1.25 0.00	21.24 -1.43 -3.32	18.76 -1.59 -0.50	20.08 -1.68 -0.69	19.69 -1.52 0.00	17.19 -1.28 -0.13	26.77 -1.67 -4.34	41.82 -2.54 -11.58	28.26 -2.55 0.00	26.61 -1.73 0.00	24.03 -1.66 0.00	22.11 -1.89 0.00	20.67 -1.85 0.00	23.83 -1.40 0.00	35.71 -1.44 -10.27	57.99 -2.30 -13.72	94.27 -2.22 -46.42	53.33 -1.87 -18.68	57.11 -1.49 -22.83	44.35 -1.26 -8.29	38.94 -1.99 -5.74	41.73 -2.04 -2.55	33.31 -1.71 -0.76	28.79 -1.09 0.00
MCINTYRE_115KV_TB2 80467	18.21 0.61 0.00	19.86 0.50 0.00	22.96 0.39 -2.72	26.37 0.43 -4.88	26.64 0.54 -4.89	23.43 0.53 -4.57	30.19 0.86 -5.24	40.24 1.22 -6.25	37.89 1.06 -6.03	35.04 0.96 -5.74	31.90 0.78 -5.43	30.01 0.77 -5.24	28.37 0.78 -5.07	31.21 0.62 -5.36	31.32 0.41 -4.03	50.98 1.40 -3.01	59.31 1.64 -7.59	39.13 1.58 -1.05	37.23 1.47 0.00	41.16 1.62 -2.23	36.91 1.72 0.00	43.49 2.27 0.00	36.12 1.86 0.00	31.17 1.29 0.00
MECO_____69_KV_BK1 80468	18.68 1.09 0.00	20.57 1.22 0.00	21.08 1.23 0.00	22.37 1.31 0.00	22.58 1.37 0.00	19.55 1.22 0.00	25.84 1.74 0.00	35.17 2.39 0.00	32.71 1.90 0.00	29.32 0.98 0.00	26.32 0.63 0.00	24.58 0.58 0.00	23.11 0.59 0.00	25.96 0.73 0.00	27.68 0.80 0.00	49.21 2.64 0.00	53.62 3.54 0.00	39.23 2.72 0.00	38.59 2.82 0.00	40.16 2.84 0.00	37.80 2.60 0.00	44.22 3.00 0.00	36.66 2.39 0.00	31.88 2.00 0.00
MENANDS___115KV_TB5 355628	18.17 0.57 0.00	20.07 0.72 0.00	20.67 0.83 0.00	21.94 0.88 0.00	22.05 0.84 0.00	19.03 0.69 0.00	25.08 0.99 0.00	34.25 1.48 0.00	32.19 1.38 0.00	29.52 1.18 0.00	26.61 0.92 0.00	24.78 0.77 0.00	23.21 0.69 0.00	26.04 0.81 0.00	27.79 0.91 0.00	48.13 1.56 0.00	51.91 1.83 0.00	37.82 1.31 0.00	37.10 1.34 0.00	38.67 1.36 0.00	36.51 1.32 0.00	42.63 1.41 0.00	35.36 1.09 0.00	30.84 0.96 0.00
MG INDUSTRY___DRP 24185	18.18 0.58 0.00	20.09 0.74 0.00	20.69 0.85 0.00	21.96 0.90 0.00	22.08 0.87 0.00	19.03 0.70 0.00	25.06 0.97 0.00	34.20 1.42 0.00	32.08 1.27 0.00	29.33 0.99 0.00	26.44 0.74 0.00	24.69 0.69 0.00	23.17 0.65 0.00	26.00 0.78 0.00	27.76 0.88 0.00	48.04 1.47 0.00	51.78 1.70 0.00	37.75 1.24 0.00	37.04 1.27 0.00	38.61 1.30 0.00	36.43 1.24 0.00	42.52 1.30 0.00	35.32 1.05 0.00	30.83 0.95 0.00

MID___OSWEGATCHIE_HYD 23849	17.70 0.11 0.00	19.26 -0.09 0.00	21.84 -0.34 -2.34	24.93 -0.32 -4.19	25.14 -0.27 -4.19	22.09 -0.16 -3.92	28.49 -0.09 -4.49	38.10 -0.03 -5.35	35.85 -0.12 -5.16	33.01 -0.25 -4.92	30.20 -0.15 -4.65	28.38 -0.11 -4.49	26.79 -0.08 -4.34	29.65 -0.18 -4.60	30.05 -0.29 -3.46	49.14 -0.01 -2.58	56.89 0.31 -6.50	37.90 0.50 -0.90	36.08 0.31 0.00	39.51 0.28 -1.91	35.69 0.49 0.00	42.29 1.07 0.00	35.16 0.90 0.00	30.33 0.45 0.00
MID___RAQUETTE_HYD 23851	17.88 0.29 0.00	19.49 0.13 0.00	23.27 -0.02 -3.44	27.22 0.00 -6.16	27.47 0.08 -6.18	24.22 0.12 -5.77	30.98 0.27 -6.62	41.09 0.43 -7.89	38.79 0.37 -7.61	35.94 0.35 -7.24	32.90 0.35 -6.86	30.98 0.36 -6.62	29.27 0.35 -6.40	32.19 0.19 -6.78	32.03 0.06 -5.09	50.81 0.44 -3.80	60.25 0.59 -9.59	38.59 0.76 -1.32	36.38 0.61 0.00	40.81 0.68 -2.82	36.09 0.90 0.00	42.64 1.41 0.00	35.42 1.16 0.00	30.61 0.73 0.00
MILLIKEN___1 23584	17.55 -0.04 0.00	19.55 -0.14 -0.34	19.72 -0.17 -0.05	20.89 -0.25 -0.07	20.98 -0.23 0.00	18.22 -0.14 -0.01	24.40 -0.13 -0.44	33.75 -0.21 -1.17	30.55 -0.26 0.00	27.88 -0.46 0.00	25.19 -0.50 0.00	23.52 -0.48 0.00	22.05 -0.47 0.00	24.72 -0.51 0.00	27.53 -0.39 -1.04	47.37 -0.59 -1.39	54.40 -0.38 -4.70	38.38 -0.03 -1.90	38.20 0.12 -2.31	38.28 0.12 -0.84	35.77 -0.01 -0.58	41.25 -0.16 -0.18	34.11 -0.23 -0.08	29.66 -0.21 0.00
MILLIKEN___2 23585	17.55 -0.04 0.00	19.55 -0.14 -0.34	19.72 -0.17 -0.05	20.89 -0.25 -0.07	20.98 -0.23 0.00	18.22 -0.14 -0.01	24.40 -0.13 -0.44	33.75 -0.21 -1.17	30.55 -0.26 0.00	27.88 -0.46 0.00	25.19 -0.50 0.00	23.52 -0.48 0.00	22.05 -0.47 0.00	24.72 -0.51 0.00	27.53 -0.39 -1.04	47.37 -0.59 -1.39	54.40 -0.38 -4.70	38.38 -0.03 -1.90	38.20 0.12 -2.31	38.28 0.12 -0.84	35.77 -0.01 -0.58	41.25 -0.16 -0.18	34.11 -0.23 -0.08	29.66 -0.21 0.00
MILLIKEN___DIESEL 23629	17.55 -0.04 0.00	19.55 -0.14 -0.34	19.72 -0.17 -0.05	20.89 -0.25 -0.07	20.98 -0.23 0.00	18.22 -0.14 -0.01	24.40 -0.13 -0.44	33.75 -0.21 -1.17	30.55 -0.26 0.00	27.88 -0.46 0.00	25.19 -0.50 0.00	23.52 -0.48 0.00	22.05 -0.47 0.00	24.72 -0.51 0.00	27.53 -0.39 -1.04	47.37 -0.59 -1.39	54.40 -0.38 -4.70	38.38 -0.03 -1.90	38.20 0.12 -2.31	38.28 0.12 -0.84	35.77 -0.01 -0.58	41.25 -0.16 -0.18	34.11 -0.23 -0.08	29.66 -0.21 0.00
MILLSEAT___LFGE 323607	16.71 -0.88 0.00	17.64 -1.09 0.62	18.49 -1.26 0.09	19.54 -1.39 0.13	19.99 -1.22 0.00	17.33 -0.97 0.03	22.08 -1.20 0.82	28.87 -1.71 2.19	29.28 -1.53 0.00	27.10 -1.24 0.00	24.77 -0.92 0.00	23.39 -0.61 0.00	21.86 -0.66 0.00	24.27 -0.95 0.00	23.89 -1.04 1.94	42.03 -1.95 2.60	39.22 -2.07 8.78	31.38 -1.61 3.53	29.95 -1.50 4.32	34.32 -1.43 1.57	32.56 -1.54 1.08	38.12 -2.12 0.99	32.58 -1.54 0.15	28.74 -1.14 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.63 1.03 0.00	20.59 1.24 0.00	21.14 1.30 0.00	22.40 1.34 0.00	22.55 1.34 0.00	19.45 1.12 0.00	25.57 1.48 0.00	34.90 2.12 0.00	32.88 2.07 0.00	30.39 2.05 0.00	27.58 1.89 0.00	25.74 1.74 0.00	24.18 1.66 0.00	27.22 1.99 0.00	29.01 2.13 0.00	50.07 3.50 0.00	53.80 3.73 0.00	39.02 2.50 0.00	38.20 2.43 0.00	39.73 2.41 0.00	37.34 2.14 0.00	43.46 2.24 0.00	36.14 1.88 0.00	31.58 1.70 0.00
MILLWOOD_13_KV_LOAD 356217	18.65 1.06 0.00	20.61 1.26 0.00	21.17 1.32 0.00	22.44 1.37 0.00	22.57 1.37 0.00	19.48 1.14 0.00	25.62 1.52 0.00	34.96 2.18 0.00	32.93 2.12 0.00	30.44 2.10 0.00	27.62 1.93 0.00	25.78 1.78 0.00	24.22 1.70 0.00	27.26 2.03 0.00	29.06 2.18 0.00	50.16 3.59 0.00	53.90 3.83 0.00	39.09 2.58 0.00	38.27 2.51 0.00	39.81 2.49 0.00	37.41 2.21 0.00	43.54 2.32 0.00	36.19 1.93 0.00	31.62 1.74 0.00
MODEL_CITY_ENERGY 24167	16.18 -1.41 0.00	16.90 -1.66 0.79	17.86 -1.87 0.12	18.86 -2.04 0.16	19.35 -1.86 0.00	16.75 -1.55 0.03	21.06 -2.00 1.04	27.11 -2.89 2.78	28.14 -2.67 0.00	26.16 -2.17 0.00	24.04 -1.65 0.00	22.73 -1.27 0.00	21.24 -1.28 0.00	23.54 -1.69 0.00	22.65 -1.77 2.46	39.80 -3.49 3.29	35.21 -3.74 11.12	29.15 -2.89 4.47	27.52 -2.77 5.47	32.53 -2.81 1.99	31.03 -2.78 1.38	36.54 -3.57 1.12	31.45 -2.62 0.18	27.86 -2.02 0.00
MODERN_LFGE___ 323580	16.18 -1.41 0.00	16.90 -1.66 0.79	17.86 -1.87 0.12	18.86 -2.04 0.16	19.35 -1.86 0.00	16.75 -1.55 0.03	21.06 -2.00 1.04	27.11 -2.89 2.78	28.14 -2.67 0.00	26.16 -2.17 0.00	24.04 -1.65 0.00	22.73 -1.27 0.00	21.24 -1.28 0.00	23.54 -1.69 0.00	22.65 -1.77 2.46	39.80 -3.49 3.29	35.21 -3.74 11.12	29.15 -2.89 4.47	27.52 -2.77 5.47	32.53 -2.81 1.99	31.03 -2.78 1.38	36.54 -3.57 1.12	31.45 -2.62 0.18	27.86 -2.02 0.00
MOHAWK_PAPER___DRP 24187	18.26 0.66 0.00	20.16 0.81 0.00	20.75 0.91 0.00	22.03 0.97 0.00	22.15 0.94 0.00	19.11 0.77 0.00	25.20 1.10 0.00	34.43 1.65 0.00	32.34 1.53 0.00	29.64 1.30 0.00	26.71 1.02 0.00	24.86 0.85 0.00	23.29 0.76 0.00	26.13 0.90 0.00	27.88 1.00 0.00	48.32 1.75 0.00	52.17 2.10 0.00	38.03 1.52 0.00	37.32 1.55 0.00	38.91 1.59 0.00	36.72 1.53 0.00	42.86 1.64 0.00	35.55 1.29 0.00	31.00 1.12 0.00
MOHICAN___35_KV_115KV_LD 80490	18.56 0.97 0.00	20.50 1.15 0.00	21.07 1.23 0.00	22.38 1.32 0.00	22.58 1.37 0.00	19.47 1.14 0.00	25.75 1.66 0.00	35.22 2.44 0.00	33.00 2.19 0.00	30.25 1.91 0.00	27.07 1.38 0.00	25.09 1.09 0.00	23.54 1.02 0.00	26.46 1.23 0.00	28.10 1.22 0.00	48.97 2.40 0.00	53.05 2.98 0.00	38.66 2.15 0.00	37.94 2.18 0.00	39.80 2.48 0.00	37.47 2.28 0.00	43.75 2.53 0.00	36.25 1.99 0.00	31.58 1.71 0.00
MONGAUP___HYD 23641	18.63 1.03 0.00	20.56 1.20 0.00	21.08 1.24 0.00	22.38 1.32 0.00	22.52 1.31 0.00	19.45 1.11 0.00	25.63 1.54 0.00	34.94 2.16 0.00	32.84 2.03 0.00	30.09 1.75 0.00	27.09 1.40 0.00	25.23 1.23 0.00	23.69 1.17 0.00	26.67 1.44 0.00	28.45 1.57 0.00	49.18 2.61 0.00	52.99 2.91 0.00	38.79 2.28 0.00	38.22 2.45 0.00	39.84 2.52 0.00	37.43 2.23 0.00	43.63 2.41 0.00	36.26 2.00 0.00	31.62 1.75 0.00
MONTAUK___DIESEL 23721	19.24 1.65 0.00	21.21 1.86 0.00	22.05 2.21 0.00	23.35 2.29 0.00	23.57 2.36 0.00	20.21 1.87 0.00	26.56 2.46 0.00	36.14 3.37 0.00	33.88 3.07 0.00	31.50 3.16 0.00	28.86 3.17 0.00	26.96 2.95 0.00	25.29 2.76 0.00	28.22 2.99 0.00	27.13 2.93 2.67	42.22 4.67 9.03	14.45 4.08 39.70	18.32 2.86 21.05	37.35 3.52 1.93	32.28 3.27 8.31	34.33 2.97 3.83	35.36 3.10 8.97	31.00 2.61 5.87	31.34 2.41 0.95
MOONROAD_115KV_HARTFLD_TB1-2 355988	16.14 -1.45 0.00	16.94 -1.62 0.79	17.82 -1.90 0.12	18.59 -2.07 0.40	19.51 -1.71 0.00	16.87 -1.43 0.03	21.27 -1.77 1.05	27.55 -2.44 2.79	28.89 -1.92 0.00	26.98 -1.36 0.00	24.84 -0.85 0.00	23.42 -0.58 0.00	21.91 -0.61 0.00	24.43 -0.80 0.00	23.29 -1.10 2.49	41.07 -2.18 3.33	36.33 -2.48 11.26	29.94 -2.04 4.53	28.86 -1.37 5.54	34.08 -1.23 2.01	32.36 -1.45 1.39	38.91 -1.22 1.09	32.77 -1.31 0.19	29.02 -0.86 0.00

MORRIS_RIDGE___SOLAR 323848	16.45 -1.14 0.00	13.26 -1.28 4.81	17.70 -1.42 0.73	18.57 -1.50 0.99	19.85 -1.36 0.00	16.96 -1.18 0.19	16.26 -1.53 6.31	13.87 -2.08 16.82	28.99 -1.82 0.00	26.82 -1.52 0.00	24.52 -1.17 0.00	22.94 -1.06 0.00	21.51 -1.01 0.00	24.23 -1.00 0.00	10.67 -1.29 14.92	24.51 -2.13 19.93	-19.60 -2.24 67.44	7.43 -1.97 27.12	0.92 -1.68 33.17	23.92 -1.36 12.04	25.05 -1.81 8.34	34.81 -1.92 4.49	31.57 -1.58 1.11	28.83 -1.04 0.00
MORTIMER_115KV_TB3 55949	16.92 -0.67 0.00	18.51 -0.85 0.00	18.91 -0.94 0.00	20.02 -1.04 0.00	20.28 -0.93 0.00	17.59 -0.75 0.00	23.14 -0.95 0.00	31.39 -1.39 0.00	29.63 -1.19 0.00	27.35 -0.99 0.00	24.95 -0.74 0.00	23.47 -0.53 0.00	21.99 -0.54 0.00	24.52 -0.71 0.00	26.05 -0.83 0.00	45.08 -1.49 0.00	48.28 -1.80 0.00	35.20 -1.31 0.00	34.50 -1.27 0.00	36.17 -1.15 0.00	33.93 -1.26 0.00	39.07 -1.68 0.47	32.97 -1.29 0.00	28.88 -1.00 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.74 1.14 0.00	20.71 1.36 0.00	21.27 1.42 0.00	22.53 1.47 0.00	22.67 1.47 0.00	19.56 1.23 0.00	25.72 1.63 0.00	35.08 2.30 0.00	33.09 2.27 0.00	30.61 2.27 0.00	27.81 2.12 0.00	25.96 1.96 0.00	24.39 1.86 0.00	27.46 2.23 0.00	29.27 2.39 0.00	50.47 3.90 0.00	54.20 4.13 0.00	39.30 2.78 0.00	38.45 2.69 0.00	39.98 2.66 0.00	37.55 2.35 0.00	43.68 2.46 0.00	36.34 2.08 0.00	31.75 1.87 0.00
MUNSVILLE_WIND_PWR 323609	18.13 0.54 0.00	19.99 0.42 -0.21	20.34 0.46 -0.03	21.73 0.62 -0.04	21.86 0.64 0.00	18.94 0.59 -0.01	25.42 1.06 -0.27	35.09 1.58 -0.72	32.11 1.30 0.00	29.40 1.06 0.00	26.68 0.99 0.00	24.80 0.80 0.00	23.12 0.60 0.00	25.95 0.71 0.00	28.33 0.81 -0.64	49.34 1.91 -0.86	55.16 2.19 -2.90	39.93 2.26 -1.17	39.71 2.52 -1.43	40.49 2.66 -0.52	37.84 2.28 -0.36	43.93 2.66 -0.06	36.08 1.77 -0.05	31.32 1.44 0.00
N SALMON___HYD 24042	17.82 0.23 0.00	19.31 -0.04 0.00	34.42 -0.32 -14.90	47.41 -0.34 -26.69	47.71 -0.29 -26.79	43.14 -0.21 -25.01	52.62 -0.16 -28.69	66.85 -0.13 -34.20	63.70 -0.10 -32.99	59.68 -0.07 -31.41	55.37 -0.04 -29.72	52.64 -0.04 -28.68	50.21 -0.07 -27.75	54.36 -0.24 -29.37	48.65 -0.31 -22.08	62.83 -0.22 -16.48	91.35 -0.27 -41.55	42.46 0.23 -5.72	35.98 0.21 0.00	49.59 0.08 -12.20	35.73 0.54 0.00	42.24 1.02 0.00	35.01 0.75 0.00	30.41 0.53 0.00
N.AKRON__115KV_KNAPP 355671	16.62 -0.98 0.00	17.49 -1.19 0.67	18.39 -1.35 0.10	19.44 -1.48 0.14	19.88 -1.33 0.00	17.23 -1.08 0.03	21.90 -1.30 0.89	28.47 -1.94 2.36	29.08 -1.73 0.00	26.95 -1.39 0.00	24.69 -1.00 0.00	23.32 -0.69 0.00	21.85 -0.67 0.00	24.24 -0.99 0.00	23.66 -1.12 2.10	41.63 -2.14 2.80	38.22 -2.38 9.48	30.86 -1.84 3.81	29.36 -1.75 4.66	33.97 -1.66 1.69	32.27 -1.75 1.17	37.83 -2.36 1.03	32.40 -1.71 0.16	28.62 -1.26 0.00
N.BELMOR_69_KV_BK1 55787	18.87 1.28 0.00	20.82 1.47 0.00	21.42 1.57 0.00	22.68 1.62 0.00	22.84 1.63 0.00	19.64 1.30 0.00	25.77 1.68 0.00	35.10 2.32 0.00	32.99 2.18 0.00	30.67 2.33 0.00	28.06 2.36 0.00	26.25 2.24 0.00	24.61 2.09 0.00	27.59 2.36 0.00	27.60 2.29 1.57	44.78 3.52 5.31	30.42 3.68 23.33	26.71 2.48 12.28	37.11 2.47 1.12	34.88 2.41 4.85	35.26 2.15 2.08	38.21 2.22 5.23	32.72 1.89 3.42	31.08 1.76 0.55
N.E_GEN_SANDY PD 24062	22.06 0.83 -3.65	22.18 1.00 -1.84	22.93 1.08 -2.01	24.23 1.14 -2.03	24.13 1.13 -1.79	21.69 0.93 -2.43	25.29 1.26 0.07	34.65 1.87 0.00	32.53 1.82 0.10	29.05 1.65 0.94	26.95 1.37 0.11	25.19 1.19 0.00	23.59 1.07 0.00	26.47 1.24 0.00	28.24 1.36 0.00	47.64 2.24 1.17	53.89 2.54 -1.27	38.26 1.75 0.00	41.32 1.73 -3.82	40.34 1.79 -1.23	36.94 1.74 0.00	43.13 1.91 0.00	35.82 1.56 0.00	30.95 1.37 0.30
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.52 0.93 0.00	20.48 1.12 0.00	21.02 1.18 0.00	22.27 1.21 0.00	22.42 1.21 0.00	19.35 1.01 0.00	25.42 1.33 0.00	34.68 1.90 0.00	32.62 1.81 0.00	30.15 1.81 0.00	27.38 1.69 0.00	25.54 1.54 0.00	24.01 1.49 0.00	27.09 1.86 0.00	28.90 2.03 0.00	49.96 3.39 0.00	53.68 3.60 0.00	38.82 2.31 0.00	38.02 2.26 0.00	39.53 2.21 0.00	37.12 1.93 0.00	43.24 2.02 0.00	35.94 1.68 0.00	31.43 1.55 0.00
N.QUEENS_27_KV_LOAD 356247	18.84 1.25 0.00	20.83 1.48 0.00	21.36 1.52 0.00	22.63 1.57 0.00	22.77 1.56 0.00	19.68 1.34 0.00	25.80 1.71 0.00	35.25 2.47 0.00	33.31 2.50 0.00	30.77 2.43 0.00	28.02 2.33 0.00	26.09 2.08 0.00	24.46 1.93 0.00	27.56 2.33 0.00	29.38 2.50 0.00	50.52 3.95 0.00	54.26 4.18 0.00	39.39 2.88 0.00	38.59 2.83 0.00	40.06 2.74 0.00	37.69 2.35 -0.14	43.72 2.50 0.00	36.42 2.16 0.00	31.83 1.96 0.00
N.TROY___115KV_TB1 355778	18.32 0.73 0.00	20.23 0.88 0.00	20.81 0.97 0.00	22.09 1.03 0.00	22.23 1.02 0.00	19.17 0.83 0.00	25.23 1.14 0.00	34.47 1.70 0.00	32.41 1.60 0.00	29.70 1.36 0.00	26.74 1.05 0.00	24.87 0.87 0.00	23.30 0.77 0.00	26.14 0.91 0.00	27.88 1.00 0.00	48.33 1.76 0.00	52.17 2.10 0.00	38.02 1.51 0.00	37.29 1.52 0.00	38.94 1.62 0.00	36.77 1.58 0.00	42.97 1.75 0.00	35.65 1.39 0.00	31.10 1.22 0.00
NARROWS_GT1_1 24228	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NARROWS_GT1_2 24229	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NARROWS_GT1_3 24230	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NARROWS_GT1_4 24231	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00

NARROWS_GT1_5 24232	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NARROWS_GT1_6 24233	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NARROWS_GT1_7 24234	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NARROWS_GT1_8 24235	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NARROWS_GT2_1 24236	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NARROWS_GT2_2 24237	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NARROWS_GT2_3 24238	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NARROWS_GT2_4 24239	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NARROWS_GT2_5 24240	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NARROWS_GT2_6 24241	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NARROWS_GT2_7 24242	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NARROWS_GT2_8 24243	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.39 4.31 0.00	39.45 2.94 0.00	38.58 2.82 0.00	40.12 2.80 0.00	37.69 2.50 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.34 0.74 0.00	20.26 0.91 0.00	20.87 1.02 0.00	22.15 1.09 0.00	22.27 1.06 0.00	19.23 0.89 0.00	25.43 1.34 0.00	34.80 2.02 0.00	32.61 1.80 0.00	29.67 1.33 0.00	26.52 0.82 0.00	24.58 0.57 0.00	23.00 0.47 0.00	25.77 0.54 0.00	27.54 0.66 0.00	47.90 1.33 0.00	52.00 1.92 0.00	38.40 1.89 0.00	37.92 2.16 0.00	39.60 2.28 0.00	37.32 2.13 0.00	43.50 2.28 0.00	35.96 1.70 0.00	31.26 1.38 0.00
NCHELSEA_115KV_TR2 355582	18.72 1.13 0.00	20.67 1.32 0.00	21.22 1.38 0.00	22.51 1.45 0.00	22.65 1.43 0.00	19.55 1.21 0.00	25.73 1.64 0.00	35.15 2.37 0.00	33.08 2.27 0.00	30.52 2.17 0.00	27.67 1.98 0.00	25.80 1.79 0.00	24.22 1.69 0.00	27.28 2.04 0.00	29.08 2.21 0.00	50.29 3.72 0.00	54.12 4.05 0.00	39.30 2.79 0.00	38.50 2.73 0.00	40.08 2.76 0.00	37.67 2.47 0.00	43.84 2.62 0.00	36.42 2.15 0.00	31.78 1.90 0.00
NEG CAPITAL___MECHNVIL 23645	18.50 0.91 0.00	20.42 1.07 0.00	20.99 1.15 0.00	22.30 1.24 0.00	22.45 1.24 0.00	19.37 1.04 0.00	25.55 1.46 0.00	34.90 2.12 0.00	32.74 1.93 0.00	29.97 1.63 0.00	26.96 1.27 0.00	25.08 1.07 0.00	23.51 0.98 0.00	26.39 1.16 0.00	28.13 1.25 0.00	48.90 2.33 0.00	52.90 2.82 0.00	38.57 2.06 0.00	37.84 2.07 0.00	39.53 2.21 0.00	37.27 2.07 0.00	43.50 2.28 0.00	36.08 1.82 0.00	31.45 1.57 0.00

NEG CENTRAL_HIGH_ACRES 23767	16.71 -0.88 0.00	18.29 -1.07 0.00	18.70 -1.15 0.00	19.81 -1.25 0.00	20.05 -1.15 0.00	17.40 -0.94 0.00	22.89 -1.21 0.00	31.10 -1.68 0.00	29.29 -1.52 0.00	27.00 -1.34 0.00	24.62 -1.07 0.00	23.13 -0.87 0.00	21.67 -0.86 0.00	24.21 -1.02 0.00	25.73 -1.15 0.00	44.56 -2.01 0.00	47.79 -2.28 0.00	34.87 -1.64 0.00	34.18 -1.58 0.00	35.78 -1.54 0.00	33.57 -1.63 0.00	38.65 -2.08 0.48	32.57 -1.69 0.00	28.48 -1.40 0.00
NEG CENTRAL___DRP 24199	17.29 -0.30 0.00	19.32 -0.34 -0.31	19.55 -0.35 -0.05	20.69 -0.44 -0.07	20.74 -0.48 0.00	18.00 -0.35 -0.01	24.07 -0.42 -0.40	33.22 -0.63 -1.07	30.23 -0.58 0.00	27.72 -0.62 0.00	25.12 -0.57 0.00	23.51 -0.49 0.00	22.07 -0.46 0.00	24.83 -0.40 0.00	27.42 -0.41 -0.95	47.20 -0.64 -1.27	53.73 -0.64 -4.29	37.75 -0.50 -1.73	37.47 -0.41 -2.11	37.78 -0.31 -0.77	35.22 -0.51 -0.53	40.53 -0.82 -0.13	33.69 -0.64 -0.07	29.40 -0.48 0.00
NEG CENTRAL___INDECK 23768	17.16 -0.43 0.00	22.17 -0.58 -3.40	19.68 -0.68 -0.51	21.01 -0.75 -0.70	20.61 -0.60 0.00	18.03 -0.44 -0.14	28.08 -0.47 -4.45	44.13 -0.52 -11.88	30.43 -0.39 0.00	27.70 -0.64 0.00	25.30 -0.40 0.00	23.68 -0.33 0.00	22.18 -0.35 0.00	24.83 -0.40 0.00	36.78 -0.63 -10.54	59.75 -0.89 -14.07	97.15 -0.54 -47.62	55.28 -0.39 -19.16	59.02 -0.17 -23.42	45.97 0.15 -8.50	40.77 -0.31 -5.88	43.33 -0.44 -2.56	34.64 -0.40 -0.78	29.68 -0.20 0.00
NEG CENTRAL___SENECA 23627	17.25 -0.34 0.00	19.46 -0.40 -0.50	19.47 -0.44 -0.08	20.65 -0.51 -0.10	20.74 -0.48 0.00	17.99 -0.37 -0.02	24.34 -0.40 -0.65	33.94 -0.58 -1.75	30.29 -0.52 0.00	27.83 -0.51 0.00	25.24 -0.45 0.00	23.62 -0.38 0.00	22.14 -0.39 0.00	25.00 -0.23 0.00	28.12 -0.31 -1.55	48.20 -0.44 -2.07	56.63 -0.44 -6.99	38.97 -0.37 -2.82	38.93 -0.28 -3.44	38.48 -0.09 -1.25	35.70 -0.36 -0.87	40.72 -0.66 -0.15	33.87 -0.51 -0.11	29.52 -0.36 0.00
NEG CENTRAL___STATE_STREET 24147	17.47 -0.12 0.00	19.26 -0.10 0.00	19.81 -0.03 0.00	20.86 -0.20 0.00	20.89 -0.32 0.00	18.18 -0.16 0.00	23.90 -0.19 0.00	32.41 -0.37 0.00	30.42 -0.40 0.00	27.73 -0.61 0.00	25.13 -0.57 0.00	23.51 -0.49 0.00	22.19 -0.34 0.00	24.79 -0.44 0.00	26.57 -0.31 0.00	46.13 -0.44 0.00	49.71 -0.36 0.00	36.21 -0.30 0.00	35.50 -0.26 0.00	37.09 -0.23 0.00	34.83 -0.37 0.00	40.52 -0.71 0.00	33.78 -0.48 0.00	29.54 -0.34 0.00
NEG MILLWOOD___DRP 24198	18.75 1.16 0.00	20.71 1.36 0.00	21.26 1.42 0.00	22.55 1.49 0.00	22.68 1.48 0.00	19.58 1.25 0.00	25.78 1.69 0.00	35.22 2.44 0.00	33.17 2.36 0.00	30.62 2.28 0.00	27.75 2.06 0.00	25.89 1.89 0.00	24.32 1.80 0.00	27.38 2.15 0.00	29.19 2.31 0.00	50.43 3.86 0.00	54.25 4.18 0.00	39.38 2.86 0.00	38.59 2.82 0.00	40.17 2.85 0.00	37.73 2.54 0.00	43.90 2.68 0.00	36.46 2.20 0.00	31.81 1.94 0.00
NEG NORTH_FLCN_SEA 23793	17.98 0.39 0.00	19.50 0.15 0.00	-3.86 -0.18 23.52	-21.29 -0.21 42.14	-21.34 -0.24 42.31	-21.41 -0.25 39.50	-21.38 -0.16 45.31	-21.36 -0.13 54.01	-21.44 -0.15 52.10	-21.52 -0.26 49.60	-21.58 -0.33 46.94	-21.54 -0.26 45.29	-21.50 -0.19 43.83	-21.46 -0.30 46.39	-8.42 -0.43 34.87	20.24 -0.30 26.03	-16.10 -0.56 65.62	27.34 -0.14 9.04	35.89 0.12 0.00	17.99 -0.07 19.27	36.00 0.80 0.00	42.62 1.39 0.00	35.46 1.20 0.00	30.74 0.86 0.00
NEG NORTH_KES_CHATEGAY 23792	17.65 0.06 0.00	19.09 -0.26 0.00	-5.51 -0.58 24.77	-23.93 -0.62 44.38	-23.93 -0.58 44.56	-23.74 -0.47 41.60	-24.17 -0.54 47.72	-24.75 -0.65 56.88	-24.69 -0.63 54.87	-24.42 -0.52 52.24	-24.20 -0.46 49.44	-24.10 -0.41 47.69	-24.06 -0.42 46.16	-24.27 -0.65 48.85	-10.57 -0.72 36.72	18.22 -0.94 27.41	-20.17 -1.14 69.11	26.63 -0.36 9.52	35.44 -0.33 0.00	16.45 -0.57 20.29	35.22 0.02 0.00	41.70 0.48 0.00	34.57 0.31 0.00	30.09 0.21 0.00
NEG NORTH___ALICE_FALLS 23915	18.00 0.40 0.00	19.50 0.15 0.00	-4.06 -0.18 23.72	-21.63 -0.20 42.49	-21.66 -0.20 42.67	-21.68 -0.18 39.84	-21.67 -0.07 45.69	-21.66 0.02 54.46	-21.73 -0.01 52.54	-21.82 -0.13 50.02	-21.86 -0.21 47.33	-21.80 -0.14 45.67	-21.77 -0.09 44.20	-21.75 -0.20 46.77	-8.59 -0.31 35.16	20.22 -0.10 26.25	-16.41 -0.32 66.17	27.52 0.11 9.11	36.08 0.32 0.00	18.04 0.15 19.43	36.07 0.88 0.00	42.66 1.44 0.00	35.46 1.20 0.00	30.75 0.87 0.00
NEG NORTH___LWR_SARANAC 23913	18.00 0.40 0.00	19.50 0.15 0.00	-4.06 -0.18 23.72	-21.63 -0.20 42.49	-21.66 -0.20 42.67	-21.68 -0.18 39.84	-21.67 -0.07 45.69	-21.66 0.02 54.46	-21.73 -0.01 52.54	-21.82 -0.13 50.02	-21.86 -0.21 47.33	-21.80 -0.14 45.67	-21.77 -0.09 44.20	-21.75 -0.20 46.77	-8.59 -0.31 35.16	20.22 -0.10 26.25	-16.41 -0.32 66.17	27.52 0.11 9.11	36.08 0.32 0.00	18.04 0.15 19.43	36.07 0.88 0.00	42.66 1.44 0.00	35.46 1.20 0.00	30.75 0.87 0.00
NEG NORTH___PLATTSBURG 23628	18.00 0.40 0.00	19.50 0.15 0.00	-4.05 -0.18 23.72	-21.63 -0.20 42.49	-21.65 -0.20 42.67	-21.68 -0.18 39.84	-21.67 -0.07 45.69	-21.67 0.02 54.46	-21.74 -0.01 52.54	-21.82 -0.14 50.02	-21.86 -0.21 47.33	-21.80 -0.14 45.67	-21.77 -0.10 44.20	-21.75 -0.20 46.77	-8.59 -0.30 35.16	20.24 -0.09 26.25	-16.41 -0.31 66.17	27.52 0.11 9.11	36.09 0.32 0.00	18.04 0.15 19.43	36.07 0.88 0.00	42.66 1.44 0.00	35.46 1.20 0.00	30.75 0.87 0.00
NEG WEST_LEA_LOCKPORT 23791	16.35 -1.24 0.00	17.06 -1.49 0.81	18.06 -1.66 0.12	19.08 -1.81 0.16	19.56 -1.66 0.00	16.93 -1.38 0.03	21.29 -1.74 1.06	27.36 -2.59 2.83	28.50 -2.32 0.00	26.48 -1.86 0.00	24.32 -1.37 0.00	22.98 -1.02 0.00	21.49 -1.04 0.00	23.83 -1.40 0.00	22.83 -1.54 2.51	40.24 -2.98 3.35	35.37 -3.37 11.34	29.38 -2.57 4.56	27.71 -2.48 5.58	32.92 -2.38 2.03	31.37 -2.43 1.40	36.99 -3.10 1.14	31.82 -2.26 0.19	28.18 -1.70 0.00
NEG WEST___LANCASTR 23811	16.83 -0.77 0.00	17.63 -0.91 0.82	18.69 -1.03 0.12	19.75 -1.14 0.17	20.21 -1.01 0.00	17.46 -0.84 0.03	21.99 -1.03 1.07	28.38 -1.53 2.87	29.48 -1.33 0.00	27.40 -0.93 0.00	25.13 -0.56 0.00	23.66 -0.35 0.00	22.16 -0.37 0.00	24.81 -0.42 0.00	23.86 -0.48 2.54	42.10 -1.08 3.39	37.12 -1.47 11.47	30.52 -1.38 4.62	28.84 -1.28 5.64	34.20 -1.07 2.05	32.53 -1.25 1.42	38.48 -1.64 1.10	32.93 -1.14 0.19	29.13 -0.75 0.00
NEG_PENN_ALLEGHNY 23528	17.68 0.09 0.00	19.67 0.18 -0.14	20.04 0.17 -0.02	21.30 0.21 -0.03	21.44 0.23 0.00	18.49 0.14 -0.01	24.49 0.22 -0.18	33.64 0.38 -0.48	31.19 0.38 0.00	28.81 0.47 0.00	26.23 0.54 0.00	24.47 0.46 0.00	22.99 0.46 0.00	26.07 0.84 0.00	28.12 0.82 -0.42	48.56 1.43 -0.56	53.20 1.22 -1.91	37.76 0.48 -0.76	37.26 0.56 -0.94	38.50 0.84 -0.34	35.97 0.54 -0.24	41.82 0.65 0.05	34.75 0.46 -0.03	30.40 0.52 0.00
NEG___GEN_MONROE 24207	16.98 -0.61 0.00	18.43 -0.79 0.14	18.94 -0.89 0.02	20.04 -0.99 0.03	20.33 -0.88 0.00	17.64 -0.69 0.01	23.07 -0.84 0.18	31.07 -1.22 0.49	29.75 -1.06 0.00	27.45 -0.89 0.00	25.05 -0.65 0.00	23.58 -0.42 0.00	22.08 -0.45 0.00	24.59 -0.64 0.00	25.72 -0.73 0.43	44.71 -1.28 0.58	46.62 -1.50 1.95	34.62 -1.12 0.78	33.74 -1.07 0.96	36.04 -0.93 0.35	33.88 -1.07 0.24	39.15 -1.49 0.59	33.10 -1.13 0.03	29.02 -0.87 0.00

NEPA__ENERGY 23901	16.48 -1.11 0.00	16.95 -1.30 1.10	18.18 -1.50 0.17	19.15 -1.66 0.26	19.77 -1.44 0.00	17.10 -1.20 0.04	21.16 -1.49 1.44	26.76 -2.17 3.86	29.01 -1.81 0.00	27.01 -1.33 0.00	24.81 -0.88 0.00	23.42 -0.58 0.00	21.90 -0.63 0.00	24.38 -0.86 0.00	22.34 -1.11 3.43	39.85 -2.14 4.58	32.07 -2.50 15.50	28.29 -2.00 6.23	26.46 -1.68 7.62	33.07 -1.48 2.77	31.66 -1.62 1.92	38.04 -1.82 1.37	32.54 -1.47 0.26	28.87 -1.01 0.00
NEVERSink__HYD 23608	18.69 1.10 0.00	20.63 1.28 0.00	21.18 1.34 0.00	22.46 1.40 0.00	22.61 1.40 0.00	19.53 1.19 0.00	25.71 1.62 0.00	35.11 2.33 0.00	33.00 2.19 0.00	30.39 2.05 0.00	27.53 1.84 0.00	25.63 1.63 0.00	24.06 1.53 0.00	27.09 1.86 0.00	28.91 2.03 0.00	50.01 3.45 0.00	53.87 3.80 0.00	39.21 2.69 0.00	38.50 2.73 0.00	40.09 2.77 0.00	37.65 2.45 0.00	43.84 2.62 0.00	36.40 2.14 0.00	31.76 1.88 0.00
NEWKRMKL_115KV_TB1 55635	18.07 0.48 0.00	19.97 0.62 0.00	20.58 0.73 0.00	21.84 0.78 0.00	21.94 0.73 0.00	18.93 0.59 0.00	24.96 0.86 0.00	34.07 1.29 0.00	31.99 1.18 0.00	29.34 1.00 0.00	26.46 0.77 0.00	24.65 0.64 0.00	23.10 0.58 0.00	25.91 0.68 0.00	27.67 0.79 0.00	47.93 1.36 0.00	51.70 1.63 0.00	37.66 1.15 0.00	36.94 1.18 0.00	38.51 1.19 0.00	36.34 1.14 0.00	42.41 1.19 0.00	35.17 0.91 0.00	30.67 0.79 0.00
NEWTON__FALLS_HYD 23847	17.70 0.11 0.00	19.26 -0.09 0.00	21.84 -0.34 -2.34	24.93 -0.32 -4.19	25.14 -0.27 -4.19	22.09 -0.16 -3.92	28.49 -0.09 -4.49	38.10 -0.03 -5.35	35.85 -0.12 -5.16	33.01 -0.25 -4.92	30.20 -0.15 -4.65	28.38 -0.11 -4.49	26.79 -0.08 -4.34	29.65 -0.18 -4.60	30.05 -0.29 -3.46	49.14 -0.01 -2.58	56.89 0.31 -6.50	37.90 0.50 -0.90	36.08 0.31 0.00	39.51 0.28 -1.91	35.69 0.49 0.00	42.29 1.07 0.00	35.16 0.90 0.00	30.33 0.45 0.00
NGRID_A1_DSASP 323792	16.14 -1.45 0.00	16.81 -1.73 0.81	17.80 -1.92 0.12	18.80 -2.10 0.17	19.30 -1.92 0.00	16.69 -1.62 0.03	20.89 -2.13 1.07	26.83 -3.09 2.86	28.03 -2.78 0.00	26.07 -2.26 0.00	23.97 -1.72 0.00	22.69 -1.32 0.00	21.19 -1.34 0.00	23.50 -1.73 0.00	22.43 -1.92 2.53	39.35 -3.84 3.38	34.21 -4.42 11.44	28.69 -3.22 4.60	26.98 -3.16 5.63	32.19 -3.09 2.04	30.74 -3.04 1.41	36.32 -3.76 1.14	31.28 -2.80 0.19	27.75 -2.13 0.00
NGRID_A2_DSASP 323793	16.14 -1.45 0.00	16.81 -1.73 0.81	17.80 -1.92 0.12	18.80 -2.10 0.17	19.30 -1.92 0.00	16.69 -1.62 0.03	20.89 -2.13 1.07	26.83 -3.09 2.86	28.03 -2.78 0.00	26.07 -2.26 0.00	23.97 -1.72 0.00	22.69 -1.32 0.00	21.19 -1.34 0.00	23.50 -1.73 0.00	22.43 -1.92 2.53	39.35 -3.84 3.38	34.21 -4.42 11.44	28.69 -3.22 4.60	26.98 -3.16 5.63	32.19 -3.09 2.04	30.74 -3.04 1.41	36.32 -3.76 1.14	31.28 -2.80 0.19	27.75 -2.13 0.00
NGRID_A4_DSASP 323807	16.14 -1.45 0.00	16.81 -1.73 0.81	17.80 -1.92 0.12	18.80 -2.10 0.17	19.30 -1.92 0.00	16.69 -1.62 0.03	20.89 -2.13 1.07	26.83 -3.09 2.86	28.03 -2.78 0.00	26.07 -2.26 0.00	23.97 -1.72 0.00	22.69 -1.32 0.00	21.19 -1.34 0.00	23.50 -1.73 0.00	22.43 -1.92 2.53	39.35 -3.84 3.38	34.21 -4.42 11.44	28.69 -3.22 4.60	26.98 -3.16 5.63	32.19 -3.09 2.04	30.74 -3.04 1.41	36.32 -3.76 1.14	31.28 -2.80 0.19	27.75 -2.13 0.00
NIAGARA_115E_LBMP 323715	16.08 -1.51 0.00	16.77 -1.77 0.81	17.74 -1.98 0.12	18.74 -2.16 0.17	19.23 -1.98 0.00	16.64 -1.66 0.03	20.89 -2.14 1.07	26.83 -3.11 2.85	27.92 -2.89 0.00	25.98 -2.37 0.00	23.89 -1.80 0.00	22.59 -1.42 0.00	21.11 -1.42 0.00	23.38 -1.85 0.00	22.45 -1.91 2.53	39.42 -3.78 3.37	34.65 -4.02 11.41	28.82 -3.11 4.59	27.16 -3.00 5.61	32.21 -3.07 2.04	30.77 -3.01 1.41	36.23 -3.85 1.14	31.24 -2.84 0.19	27.68 -2.20 0.00
NIAGARA_115W_LBMP 323714	16.11 -1.48 0.00	16.78 -1.76 0.81	17.77 -1.96 0.12	18.76 -2.13 0.17	19.26 -1.95 0.00	16.66 -1.65 0.03	20.86 -2.17 1.06	26.80 -3.14 2.84	27.97 -2.84 0.00	26.02 -2.32 0.00	23.92 -1.77 0.00	22.64 -1.36 0.00	21.15 -1.38 0.00	23.45 -1.78 0.00	22.40 -1.97 2.52	39.28 -3.93 3.36	34.19 -4.51 11.38	28.65 -3.29 4.57	26.95 -3.22 5.60	32.13 -3.16 2.03	30.69 -3.10 1.41	36.25 -3.84 1.14	31.23 -2.84 0.19	27.70 -2.18 0.00
NIAGARA_230_LBMP 323716	16.27 -1.33 0.00	16.98 -1.60 0.77	17.96 -1.76 0.12	18.97 -1.93 0.16	19.45 -1.75 0.00	16.82 -1.48 0.03	21.10 -1.98 1.01	27.21 -2.87 2.70	28.28 -2.54 0.00	26.30 -2.04 0.00	24.15 -1.55 0.00	22.81 -1.20 0.00	21.32 -1.21 0.00	23.68 -1.55 0.00	22.69 -1.79 2.40	39.92 -3.45 3.20	35.26 -3.98 10.83	29.20 -2.95 4.36	27.55 -2.89 5.33	32.60 -2.78 1.93	31.08 -2.78 1.34	36.67 -3.45 1.11	31.54 -2.55 0.18	27.95 -1.92 0.00
NIAGARA__115KV_198_GIBSON 55903	16.11 -1.48 0.00	16.78 -1.76 0.81	17.80 -1.93 0.12	18.79 -2.10 0.17	19.26 -1.95 0.00	16.66 -1.64 0.03	20.90 -2.13 1.06	26.78 -3.15 2.84	27.97 -2.84 0.00	26.03 -2.31 0.00	23.92 -1.77 0.00	22.64 -1.37 0.00	21.16 -1.37 0.00	23.45 -1.78 0.00	22.39 -1.97 2.52	39.31 -3.90 3.36	34.14 -4.56 11.38	28.63 -3.31 4.57	26.90 -3.27 5.60	32.14 -3.15 2.03	30.68 -3.10 1.41	36.24 -3.85 1.14	31.23 -2.85 0.19	27.70 -2.18 0.00
NIAGARA____ 23760	16.27 -1.33 0.00	16.97 -1.60 0.78	17.96 -1.76 0.12	18.97 -1.93 0.16	19.45 -1.75 0.00	16.82 -1.48 0.03	21.09 -1.98 1.03	27.18 -2.87 2.73	28.28 -2.54 0.00	26.30 -2.04 0.00	24.15 -1.55 0.00	22.81 -1.20 0.00	21.32 -1.21 0.00	23.68 -1.55 0.00	22.67 -1.79 2.42	39.88 -3.45 3.24	35.11 -3.98 10.98	29.14 -2.95 4.41	27.48 -2.89 5.40	32.58 -2.78 1.96	31.06 -2.78 1.35	36.66 -3.45 1.12	31.54 -2.55 0.18	27.95 -1.92 0.00
NINE_MILE_1 23575	16.97 -0.62 0.00	18.65 -0.70 0.00	19.13 -0.72 0.00	20.29 -0.78 0.00	20.44 -0.77 0.00	17.70 -0.64 0.00	23.19 -0.90 0.00	31.45 -1.33 0.00	29.55 -1.26 0.00	27.15 -1.19 0.00	24.62 -1.07 0.00	23.02 -0.99 0.00	21.62 -0.91 0.00	24.20 -1.03 0.00	25.80 -1.09 0.00	44.69 -1.88 0.00	48.04 -2.03 0.00	35.07 -1.44 0.00	34.37 -1.40 0.00	35.86 -1.46 0.00	33.78 -1.42 0.00	36.24 -1.75 3.24	32.83 -1.43 0.00	28.68 -1.20 0.00
NINE_MILE_2 23744	16.97 -0.62 0.00	18.65 -0.70 0.00	19.13 -0.72 0.00	20.29 -0.77 0.00	20.44 -0.77 0.00	17.70 -0.63 0.00	23.19 -0.90 0.00	31.45 -1.33 0.00	29.55 -1.26 0.00	27.15 -1.19 0.00	24.62 -1.07 0.00	23.02 -0.98 0.00	21.62 -0.90 0.00	24.20 -1.03 0.00	25.80 -1.08 0.00	44.69 -1.88 0.00	48.05 -2.02 0.00	35.07 -1.44 0.00	34.37 -1.40 0.00	35.87 -1.45 0.00	33.78 -1.42 0.00	36.20 -1.75 3.28	32.82 -1.43 0.00	28.68 -1.20 0.00
NM_CAPITAL__DRP 24208	18.13 0.53 0.00	20.03 0.68 0.00	20.63 0.79 0.00	21.90 0.84 0.00	22.01 0.80 0.00	18.98 0.65 0.00	25.02 0.93 0.00	34.17 1.39 0.00	32.10 1.29 0.00	29.46 1.11 0.00	26.55 0.86 0.00	24.72 0.72 0.00	23.16 0.64 0.00	25.98 0.75 0.00	27.74 0.86 0.00	48.03 1.46 0.00	51.79 1.72 0.00	37.72 1.21 0.00	37.01 1.24 0.00	38.58 1.27 0.00	36.43 1.23 0.00	42.52 1.30 0.00	35.27 1.01 0.00	30.76 0.88 0.00

NM_CENTRAL___DRP 24181	17.27 -0.32 0.00	18.97 -0.39 0.00	19.44 -0.40 0.00	20.60 -0.46 0.00	20.74 -0.47 0.00	17.97 -0.37 0.00	23.58 -0.51 0.00	32.00 -0.78 0.00	30.07 -0.74 0.00	27.59 -0.75 0.00	25.03 -0.66 0.00	23.42 -0.59 0.00	21.99 -0.54 0.00	24.64 -0.59 0.00	26.28 -0.60 0.00	45.55 -1.02 0.00	48.96 -1.11 0.00	35.70 -0.81 0.00	35.01 -0.75 0.00	36.53 -0.79 0.00	34.37 -0.82 0.00	40.03 -1.03 0.16	33.39 -0.87 0.00	29.15 -0.73 0.00
NM_FRONTIER___DRP 24179	16.11 -1.48 0.00	16.78 -1.76 0.81	17.80 -1.93 0.12	18.79 -2.10 0.17	19.26 -1.95 0.00	16.66 -1.64 0.03	20.90 -2.13 1.06	26.78 -3.15 2.84	27.97 -2.84 0.00	26.03 -2.31 0.00	23.92 -1.77 0.00	22.64 -1.37 0.00	21.16 -1.37 0.00	23.45 -1.78 0.00	22.39 -1.97 2.52	39.31 -3.90 3.36	34.14 -4.56 11.38	28.63 -3.31 4.57	26.90 -3.27 5.60	32.14 -3.15 2.03	30.68 -3.10 1.41	36.24 -3.85 1.14	31.23 -2.85 0.19	27.70 -2.18 0.00
NM_ST_REGIS___HYD 24053	17.88 0.29 0.00	19.45 0.10 0.00	25.55 -0.09 -5.80	31.37 -0.08 -10.39	31.61 -0.02 -10.42	28.10 0.04 -9.73	35.42 0.16 -11.16	46.38 0.29 -13.30	43.91 0.26 -12.84	40.82 0.25 -12.22	37.51 0.26 -11.56	35.43 0.27 -11.16	33.58 0.25 -10.80	36.74 0.09 -11.43	35.44 -0.03 -8.59	53.27 0.29 -6.41	66.63 0.39 -16.17	39.38 0.64 -2.23	36.29 0.53 0.00	42.60 0.54 -4.75	36.03 0.83 0.00	42.57 1.35 0.00	35.35 1.09 0.00	30.58 0.70 0.00
NORTHPORT___1 23551	18.83 1.24 0.00	20.79 1.44 0.00	21.45 1.60 0.00	22.71 1.65 0.00	22.88 1.67 0.00	19.58 1.24 0.00	25.67 1.58 0.00	34.93 2.15 0.00	32.78 1.96 0.00	30.52 2.18 0.00	28.03 2.34 0.00	26.17 2.17 0.00	24.58 2.05 0.00	27.40 2.17 0.00	26.08 1.92 2.72	40.25 2.85 9.17	12.66 2.90 40.32	17.02 1.89 21.38	35.65 1.85 1.96	30.67 1.79 8.44	32.83 1.52 3.88	33.64 1.53 9.11	29.61 1.31 5.97	30.33 1.41 0.96
NORTHPORT___2 23552	18.83 1.24 0.00	20.79 1.44 0.00	21.45 1.60 0.00	22.71 1.65 0.00	22.88 1.67 0.00	19.58 1.24 0.00	25.67 1.58 0.00	34.93 2.15 0.00	32.78 1.96 0.00	30.52 2.18 0.00	28.03 2.34 0.00	26.17 2.17 0.00	24.58 2.05 0.00	27.40 2.17 0.00	26.08 1.92 2.72	40.25 2.85 9.17	12.66 2.90 40.32	17.02 1.89 21.38	35.65 1.85 1.96	30.67 1.79 8.44	32.83 1.52 3.88	33.64 1.53 9.11	29.61 1.31 5.97	30.33 1.41 0.96
NORTHPORT___3 23553	18.69 1.10 0.00	20.62 1.27 0.00	21.26 1.41 0.00	22.51 1.45 0.00	22.67 1.46 0.00	19.39 1.06 0.00	25.41 1.32 0.00	34.58 1.80 0.00	32.47 1.66 0.00	30.25 1.91 0.00	27.76 2.07 0.00	26.00 1.99 0.00	24.39 1.86 0.00	27.24 2.01 0.00	25.95 1.80 2.73	39.89 2.53 9.21	12.27 2.71 40.51	16.70 1.68 21.49	35.43 1.64 1.97	30.40 1.56 8.48	32.59 1.32 3.93	33.32 1.25 9.15	29.34 1.08 6.00	30.11 1.20 0.97
NORTHPORT___4 23650	18.69 1.10 0.00	20.62 1.27 0.00	21.26 1.41 0.00	22.51 1.45 0.00	22.67 1.46 0.00	19.39 1.06 0.00	25.41 1.32 0.00	34.58 1.80 0.00	32.47 1.66 0.00	30.25 1.91 0.00	27.76 2.07 0.00	26.00 1.99 0.00	24.39 1.86 0.00	27.24 2.01 0.00	25.95 1.80 2.73	39.89 2.53 9.21	12.27 2.71 40.51	16.70 1.68 21.49	35.43 1.64 1.97	30.40 1.56 8.48	32.59 1.32 3.93	33.32 1.25 9.15	29.34 1.08 6.00	30.11 1.20 0.97
NORTHPORT___IC 23718	18.83 1.24 0.00	20.79 1.44 0.00	21.45 1.60 0.00	22.71 1.65 0.00	22.88 1.67 0.00	19.58 1.24 0.00	25.65 1.56 0.00	34.93 2.15 0.00	32.78 1.97 0.00	30.51 2.17 0.00	28.03 2.34 0.00	26.17 2.17 0.00	24.57 2.05 0.00	27.40 2.17 0.00	26.09 1.93 2.72	40.28 2.88 9.17	12.67 2.91 40.32	17.03 1.90 21.38	35.66 1.86 1.96	30.67 1.80 8.44	32.83 1.52 3.88	33.64 1.53 9.11	29.61 1.31 5.97	30.33 1.42 0.96
NORTH___COUNTRY_ESR 323785	17.62 0.02 0.00	19.06 -0.30 0.00	-5.57 -0.61 24.80	-24.02 -0.65 44.43	-24.02 -0.62 44.61	-23.82 -0.50 41.65	-24.28 -0.59 47.77	-24.90 -0.74 56.94	-24.77 -0.65 54.93	-24.52 -0.56 52.30	-24.27 -0.47 49.49	-24.16 -0.42 47.75	-24.12 -0.43 46.21	-24.34 -0.66 48.91	-10.64 -0.75 36.77	18.15 -0.98 27.44	-20.35 -1.24 69.19	26.53 -0.46 9.53	35.34 -0.43 0.00	16.32 -0.69 20.31	35.12 -0.08 0.00	41.58 0.36 0.00	34.48 0.22 0.00	30.02 0.14 0.00
NPX_GEN_1385_PROXY 323591	18.89 1.30 0.00	20.86 1.51 0.00	21.52 1.68 0.00	22.79 1.73 0.00	23.16 1.95 0.00	19.89 1.55 0.00	27.34 2.28 -0.97	36.06 3.09 -0.20	33.35 2.54 0.00	30.64 2.30 0.00	28.05 2.35 0.00	26.05 2.05 0.00	24.47 1.94 0.00	27.36 2.13 0.00	25.61 1.45 2.72	40.42 3.03 9.17	13.26 3.50 40.32	17.46 2.33 21.38	36.00 2.20 1.96	31.56 2.69 8.44	33.21 1.90 3.88	34.07 1.96 9.11	29.83 1.54 5.97	30.44 1.53 0.96
NPX_GEN_CSC 323557	18.79 1.20 0.00	20.73 1.38 0.00	21.60 1.76 0.00	22.86 1.80 0.00	23.05 1.83 0.00	19.74 1.41 0.00	25.92 1.83 0.00	35.24 2.46 0.00	33.06 2.24 0.00	30.74 2.40 0.00	28.21 2.52 0.00	26.33 2.33 0.00	24.74 2.21 0.00	27.54 2.31 0.00	26.38 2.18 2.67	40.84 3.30 9.03	12.71 2.35 39.71	17.05 1.60 21.06	36.22 2.39 1.93	31.07 2.07 8.31	33.27 1.91 3.84	34.16 1.91 8.97	30.08 1.69 5.87	30.58 1.65 0.95
NSINS_S___GLNS_FALLS 23858	18.51 0.92 0.00	20.44 1.09 0.00	21.01 1.17 0.00	22.32 1.26 0.00	22.52 1.30 0.00	19.42 1.08 0.00	25.67 1.58 0.00	35.12 2.34 0.00	32.90 2.08 0.00	30.17 1.83 0.00	27.00 1.31 0.00	25.03 1.03 0.00	23.50 0.98 0.00	26.40 1.17 0.00	28.02 1.14 0.00	48.84 2.27 0.00	52.90 2.83 0.00	38.53 2.02 0.00	37.83 2.06 0.00	39.66 2.34 0.00	37.35 2.16 0.00	43.64 2.42 0.00	36.17 1.91 0.00	31.51 1.63 0.00
NUCOR_STEEL___DRP 24197	17.47 -0.12 0.00	19.26 -0.09 0.00	19.83 -0.01 0.00	20.86 -0.20 0.00	20.87 -0.33 0.00	18.17 -0.16 0.00	23.89 -0.20 0.00	32.38 -0.39 0.00	30.40 -0.42 0.00	27.71 -0.63 0.00	25.10 -0.59 0.00	23.49 -0.51 0.00	22.18 -0.35 0.00	24.76 -0.47 0.00	26.54 -0.34 0.00	46.09 -0.48 0.00	49.67 -0.41 0.00	36.18 -0.34 0.00	35.46 -0.30 0.00	37.05 -0.27 0.00	34.80 -0.39 0.00	40.46 -0.76 0.00	33.75 -0.51 0.00	29.52 -0.36 0.00
NUMBER_THREE_WT_PWR 323818	17.53 -0.06 0.00	19.07 -0.28 0.00	20.20 -0.67 -1.02	22.22 -0.67 -1.83	22.38 -0.65 -1.83	19.56 -0.48 -1.70	25.54 -0.51 -1.95	34.53 -0.58 -2.33	32.38 -0.68 -2.24	29.64 -0.84 -2.14	27.13 -0.59 -2.03	25.37 -0.59 -1.95	23.88 -0.53 -1.89	26.70 -0.52 -2.00	27.78 -0.60 -1.50	47.17 -0.52 -1.12	52.90 0.00 -2.83	37.08 0.18 -0.39	35.68 -0.09 0.00	37.91 -0.24 -0.83	35.23 0.04 0.00	41.95 0.73 0.00	34.90 0.64 0.00	30.08 0.20 0.00
NYISO_LBMP_REFERENCE 24008	17.59 0.00 0.00	19.35 0.00 0.00	19.84 0.00 0.00	21.06 0.00 0.00	21.21 0.00 0.00	18.34 0.00 0.00	24.09 0.00 0.00	32.78 0.00 0.00	30.81 0.00 0.00	28.34 0.00 0.00	25.69 0.00 0.00	24.00 0.00 0.00	22.52 0.00 0.00	25.23 0.00 0.00	26.88 0.00 0.00	46.57 0.00 0.00	50.07 0.00 0.00	36.51 0.00 0.00	35.76 0.00 0.00	37.32 0.00 0.00	35.20 0.00 0.00	41.22 0.00 0.00	34.26 0.00 0.00	29.88 0.00 0.00

NYPA_BRENTWD____GT 24164	18.97 1.38 0.00	20.93 1.58 0.00	21.60 1.75 0.00	22.86 1.80 0.00	23.04 1.83 0.00	19.74 1.40 0.00	25.92 1.82 0.00	35.28 2.50 0.00	33.13 2.31 0.00	30.81 2.47 0.00	28.29 2.60 0.00	26.41 2.40 0.00	24.79 2.26 0.00	27.65 2.42 0.00	26.49 2.25 2.63	41.14 3.45 8.89	14.36 3.36 39.07	18.04 2.25 20.72	35.92 2.06 1.90	31.13 1.99 8.18	33.39 1.96 3.77	34.51 2.11 8.83	30.27 1.78 5.78	30.71 1.76 0.93
NYPA_GOWANUS____GT5 24156	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.37 4.29 0.00	39.44 2.93 0.00	38.58 2.81 0.00	40.11 2.79 0.00	37.69 2.49 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NYPA_GOWANUS____GT6 24157	18.83 1.24 0.00	20.80 1.45 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.84 1.76 0.00	35.26 2.48 0.00	33.27 2.46 0.00	30.79 2.45 0.00	27.96 2.27 0.00	26.09 2.09 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.61 4.04 0.00	54.37 4.29 0.00	39.44 2.93 0.00	38.58 2.81 0.00	40.11 2.79 0.00	37.69 2.49 0.00	43.80 2.58 0.00	36.49 2.23 0.00	31.89 2.01 0.00
NYPA_HARLEM__RVR__GT1 24160	18.78 1.19 0.00	20.78 1.43 0.00	21.33 1.49 0.00	22.61 1.55 0.00	22.72 1.51 0.00	19.64 1.30 0.00	25.77 1.68 0.00	35.18 2.40 0.00	33.22 2.40 0.00	30.68 2.34 0.00	27.88 2.19 0.00	25.98 1.98 0.00	24.38 1.86 0.00	27.44 2.21 0.00	29.24 2.36 0.00	50.31 3.74 0.00	54.02 3.95 0.00	39.23 2.72 0.00	38.40 2.64 0.00	39.93 2.61 0.00	37.60 2.27 -0.14	43.61 2.39 0.00	36.35 2.09 0.00	31.76 1.88 0.00
NYPA_HARLEM__RVR__GT2 24161	18.78 1.19 0.00	20.78 1.43 0.00	21.33 1.49 0.00	22.61 1.55 0.00	22.72 1.51 0.00	19.64 1.30 0.00	25.77 1.68 0.00	35.18 2.40 0.00	33.22 2.40 0.00	30.68 2.34 0.00	27.88 2.19 0.00	25.98 1.98 0.00	24.38 1.86 0.00	27.44 2.21 0.00	29.24 2.36 0.00	50.31 3.74 0.00	54.02 3.95 0.00	39.23 2.72 0.00	38.40 2.64 0.00	39.93 2.61 0.00	37.60 2.27 -0.14	43.61 2.39 0.00	36.35 2.09 0.00	31.76 1.88 0.00
NYPA_KENT____GT 24152	18.81 1.22 0.00	20.78 1.43 0.00	21.33 1.49 0.00	22.60 1.54 0.00	22.74 1.53 0.00	19.63 1.30 0.00	25.82 1.72 0.00	35.21 2.43 0.00	33.23 2.42 0.00	30.76 2.42 0.00	27.94 2.25 0.00	26.07 2.07 0.00	24.50 1.97 0.00	27.59 2.36 0.00	29.40 2.52 0.00	50.61 4.04 0.00	54.33 4.25 0.00	39.41 2.90 0.00	38.55 2.78 0.00	40.07 2.75 0.00	37.62 2.43 0.00	43.76 2.54 0.00	36.45 2.19 0.00	31.85 1.97 0.00
NYPA_POUCH1____GT 24155	18.83 1.24 0.00	20.81 1.46 0.00	21.35 1.50 0.00	22.61 1.55 0.00	22.76 1.55 0.00	19.65 1.31 0.00	25.86 1.77 0.00	35.26 2.48 0.00	33.23 2.42 0.00	30.73 2.40 0.00	27.91 2.22 0.00	26.03 2.02 0.00	24.43 1.91 0.00	27.51 2.28 0.00	29.32 2.45 0.00	50.35 3.79 0.01	54.21 4.14 0.00	39.38 2.86 0.00	38.51 2.75 0.00	40.06 2.74 0.00	37.67 2.47 0.00	43.69 2.47 0.00	36.41 2.15 0.00	31.90 2.03 0.00
NYPA_VERNON____GT2 24162	18.80 1.21 0.00	20.77 1.42 0.00	21.32 1.47 0.00	22.59 1.53 0.00	22.72 1.51 0.00	19.62 1.28 0.00	25.79 1.70 0.00	35.17 2.39 0.00	33.20 2.39 0.00	30.73 2.39 0.00	27.92 2.23 0.00	26.06 2.05 0.00	24.48 1.96 0.00	27.56 2.33 0.00	29.39 2.51 0.00	50.61 4.04 0.00	54.33 4.26 0.00	39.40 2.89 0.00	38.55 2.78 0.00	40.06 2.74 0.00	37.60 2.41 0.00	43.73 2.51 0.00	36.41 2.14 0.00	31.81 1.93 0.00
NYPA_VERNON____GT3 24163	18.80 1.21 0.00	20.77 1.42 0.00	21.32 1.47 0.00	22.59 1.53 0.00	22.72 1.51 0.00	19.62 1.28 0.00	25.79 1.70 0.00	35.17 2.39 0.00	33.20 2.39 0.00	30.73 2.39 0.00	27.92 2.23 0.00	26.06 2.05 0.00	24.48 1.96 0.00	27.56 2.33 0.00	29.39 2.51 0.00	50.61 4.04 0.00	54.33 4.26 0.00	39.40 2.89 0.00	38.55 2.78 0.00	40.06 2.74 0.00	37.60 2.41 0.00	43.73 2.51 0.00	36.41 2.14 0.00	31.81 1.93 0.00
NYPA__ASTORIA_CC1 323568	18.78 1.19 0.00	20.75 1.39 0.00	21.30 1.45 0.00	22.56 1.50 0.00	22.70 1.49 0.00	19.58 1.25 0.00	25.74 1.65 0.00	35.10 2.32 0.00	33.15 2.34 0.00	30.68 2.34 0.00	27.88 2.18 0.00	26.01 2.01 0.00	24.44 1.91 0.00	27.51 2.28 0.00	29.33 2.45 0.00	50.51 3.94 0.00	54.24 4.17 0.00	39.34 2.83 0.00	38.49 2.72 0.00	40.01 2.69 0.00	37.54 2.35 0.00	43.66 2.44 0.00	36.35 2.09 0.00	31.75 1.87 0.00
NYPA__ASTORIA_CC2 323569	18.78 1.19 0.00	20.75 1.39 0.00	21.30 1.45 0.00	22.56 1.50 0.00	22.70 1.49 0.00	19.58 1.25 0.00	25.74 1.65 0.00	35.10 2.32 0.00	33.15 2.34 0.00	30.68 2.34 0.00	27.88 2.18 0.00	26.01 2.01 0.00	24.44 1.91 0.00	27.51 2.28 0.00	29.33 2.45 0.00	50.51 3.94 0.00	54.24 4.17 0.00	39.34 2.83 0.00	38.49 2.72 0.00	40.01 2.69 0.00	37.54 2.35 0.00	43.66 2.44 0.00	36.35 2.09 0.00	31.75 1.87 0.00
NYPA__HOLTSVILL 23794	18.81 1.22 0.00	20.76 1.41 0.00	21.47 1.63 0.00	22.74 1.67 0.00	22.91 1.70 0.00	19.61 1.28 0.00	25.73 1.64 0.00	35.00 2.22 0.00	32.85 2.03 0.00	30.58 2.24 0.00	28.08 2.38 0.00	26.22 2.21 0.00	24.62 2.09 0.00	27.42 2.19 0.00	26.22 2.01 2.68	40.56 3.04 9.04	13.16 2.85 39.76	17.33 1.90 21.08	35.88 2.05 1.93	30.89 1.90 8.32	33.03 1.68 3.84	33.95 1.71 8.98	29.89 1.51 5.88	30.46 1.53 0.95
NYPA__HELLGATE_GT1 24158	18.80 1.21 0.00	20.79 1.43 0.00	21.32 1.48 0.00	22.59 1.53 0.00	22.73 1.52 0.00	19.64 1.31 0.00	25.79 1.70 0.00	35.19 2.41 0.00	33.23 2.42 0.00	30.71 2.37 0.00	27.94 2.25 0.00	26.02 2.02 0.00	24.39 1.87 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.39 3.82 0.00	54.11 4.04 0.00	39.29 2.78 0.00	38.50 2.74 0.00	39.97 2.65 0.00	37.49 2.29 0.00	43.64 2.42 0.00	36.36 2.10 0.00	31.77 1.89 0.00
NYPA__HELLGATE_GT2 24159	18.80 1.21 0.00	20.79 1.43 0.00	21.32 1.48 0.00	22.59 1.53 0.00	22.73 1.52 0.00	19.64 1.31 0.00	25.79 1.70 0.00	35.19 2.41 0.00	33.23 2.42 0.00	30.71 2.37 0.00	27.94 2.25 0.00	26.02 2.02 0.00	24.39 1.87 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.39 3.82 0.00	54.11 4.04 0.00	39.29 2.78 0.00	38.50 2.74 0.00	39.97 2.65 0.00	37.49 2.29 0.00	43.64 2.42 0.00	36.36 2.10 0.00	31.77 1.89 0.00
NYS_BARGE__HYD 23848	16.36 -1.24 0.00	17.13 -1.48 0.75	18.06 -1.67 0.11	19.08 -1.83 0.15	19.56 -1.65 0.00	16.94 -1.37 0.03	21.36 -1.75 0.98	27.62 -2.53 2.63	28.51 -2.30 0.00	26.48 -1.86 0.00	24.33 -1.37 0.00	22.99 -1.02 0.00	21.48 -1.04 0.00	23.83 -1.40 0.00	23.05 -1.50 2.33	40.48 -2.98 3.11	36.32 -3.23 10.53	29.79 -2.49 4.24	28.21 -2.38 5.18	33.09 -2.35 1.88	31.51 -2.38 1.30	37.06 -3.07 1.09	31.84 -2.24 0.17	28.18 -1.69 0.00

OAK ORCHARD___HYD 24046	16.92 -0.67 0.00	18.50 -0.85 0.00	18.91 -0.94 0.00	20.02 -1.04 0.00	20.28 -0.94 0.00	17.59 -0.75 0.00	23.12 -0.97 0.00	31.40 -1.38 0.00	29.62 -1.19 0.00	27.35 -0.99 0.00	24.95 -0.74 0.00	23.47 -0.53 0.00	21.98 -0.54 0.00	24.53 -0.70 0.00	26.06 -0.82 0.00	45.07 -1.50 0.00	48.31 -1.77 0.00	35.22 -1.29 0.00	34.52 -1.25 0.00	36.17 -1.15 0.00	33.94 -1.26 0.00	39.08 -1.67 0.47	32.97 -1.29 0.00	28.87 -1.00 0.00
OAKDALE___35_KV_LOAD 356122	17.66 0.06 0.00	19.66 0.17 -0.14	20.02 0.16 -0.02	21.29 0.20 -0.03	21.43 0.22 0.00	18.47 0.13 -0.01	24.47 0.19 -0.19	33.61 0.34 -0.50	31.15 0.33 0.00	28.77 0.43 0.00	26.19 0.50 0.00	24.43 0.43 0.00	22.96 0.43 0.00	26.03 0.80 0.00	28.11 0.79 -0.44	48.52 1.36 -0.59	53.20 1.14 -2.00	37.72 0.41 -0.80	37.23 0.49 -0.98	38.43 0.75 -0.36	35.91 0.47 -0.25	41.74 0.57 0.05	34.69 0.40 -0.03	30.34 0.47 0.00
OCC_CHEM___DRP 24175	16.14 -1.45 0.00	16.81 -1.73 0.81	17.82 -1.90 0.12	18.82 -2.07 0.17	19.30 -1.91 0.00	16.69 -1.62 0.03	20.93 -2.09 1.07	26.82 -3.10 2.86	28.03 -2.78 0.00	26.08 -2.26 0.00	23.97 -1.72 0.00	22.68 -1.32 0.00	21.20 -1.33 0.00	23.50 -1.73 0.00	22.41 -1.94 2.53	39.38 -3.81 3.38	34.15 -4.48 11.44	28.67 -3.24 4.60	26.94 -3.20 5.63	32.20 -3.08 2.04	30.74 -3.04 1.41	36.31 -3.78 1.14	31.29 -2.78 0.19	27.74 -2.14 0.00
OH_GEN_PROXY 24063	16.31 -1.29 0.00	17.12 -1.55 0.68	18.03 -1.71 0.10	19.05 -1.87 0.14	19.51 -1.70 0.00	16.87 -1.43 0.03	21.28 -1.91 0.90	27.63 -2.76 2.40	28.39 -2.42 0.00	26.39 -1.95 0.00	24.21 -1.48 0.00	22.87 -1.13 0.00	21.38 -1.14 0.00	23.77 -1.45 0.00	23.07 -1.68 2.13	40.49 -3.24 2.84	36.68 -3.78 9.61	29.83 -2.82 3.86	28.27 -2.77 4.73	32.97 -2.63 1.72	31.35 -2.66 1.19	36.90 -3.28 1.03	31.66 -2.44 0.16	28.03 -1.85 0.00
OLIN_CORP_DRP 24177	16.14 -1.45 0.00	16.81 -1.71 0.83	17.83 -1.89 0.13	18.83 -2.06 0.17	19.31 -1.91 0.00	16.70 -1.61 0.03	20.96 -2.04 1.10	26.81 -3.04 2.93	28.04 -2.77 0.00	26.08 -2.25 0.00	23.98 -1.71 0.00	22.66 -1.34 0.00	21.19 -1.34 0.00	23.47 -1.76 0.00	22.43 -1.85 2.60	39.50 -3.60 3.47	34.33 -4.00 11.74	28.73 -3.07 4.72	27.01 -2.97 5.78	32.27 -2.95 2.10	30.82 -2.93 1.45	36.34 -3.72 1.15	31.34 -2.73 0.19	27.77 -2.11 0.00
OLIN_CORP_DSASP 323712	16.14 -1.45 0.00	16.81 -1.73 0.81	17.80 -1.92 0.12	18.80 -2.10 0.17	19.30 -1.92 0.00	16.69 -1.62 0.03	20.89 -2.13 1.07	26.83 -3.09 2.86	28.03 -2.78 0.00	26.07 -2.26 0.00	23.97 -1.72 0.00	22.69 -1.32 0.00	21.19 -1.34 0.00	23.50 -1.73 0.00	22.43 -1.92 2.53	39.35 -3.84 3.38	34.21 -4.42 11.44	28.69 -3.22 4.60	26.98 -3.16 5.63	32.19 -3.09 2.04	30.74 -3.04 1.41	36.32 -3.76 1.14	31.28 -2.80 0.19	27.75 -2.13 0.00
ONEIDA_HERK_LFGE 323681	17.77 0.17 0.00	19.44 0.09 0.00	20.28 -0.03 -0.47	21.89 -0.01 -0.84	22.06 0.01 -0.83	19.19 0.07 -0.78	25.15 0.16 -0.89	34.13 0.28 -1.06	32.03 0.19 -1.03	29.32 0.00 -0.98	26.68 0.06 -0.92	24.91 0.01 -0.89	23.40 0.02 -0.86	26.25 0.10 -0.91	27.72 0.15 -0.69	47.55 0.46 -0.51	52.17 0.81 -1.29	37.36 0.67 -0.18	36.35 0.59 0.00	38.22 0.52 -0.38	35.76 0.57 0.00	42.12 0.90 0.00	34.96 0.70 0.00	30.32 0.44 0.00
ONEIDA___115KV_TB4 55905	17.85 0.26 0.00	19.58 0.23 0.00	20.05 0.21 0.00	21.28 0.22 0.00	21.45 0.24 0.00	18.63 0.29 0.00	24.53 0.44 0.00	33.41 0.63 0.00	31.34 0.52 0.00	28.62 0.27 0.00	25.88 0.19 0.00	24.15 0.15 0.00	22.65 0.13 0.00	25.47 0.24 0.00	27.30 0.43 0.00	47.33 0.76 0.00	51.15 1.07 0.00	37.35 0.84 0.00	36.61 0.85 0.00	38.16 0.84 0.00	35.94 0.74 0.00	41.98 0.84 0.08	34.86 0.60 0.00	30.34 0.46 0.00
ONONDAGA_REF_OCCRA 23987	17.37 -0.22 0.00	19.07 -0.28 0.00	19.55 -0.29 0.00	20.71 -0.35 0.00	20.82 -0.39 0.00	18.06 -0.28 0.00	23.70 -0.39 0.00	32.17 -0.60 0.00	30.21 -0.60 0.00	27.71 -0.63 0.00	25.12 -0.58 0.00	23.50 -0.50 0.00	22.06 -0.47 0.00	24.73 -0.50 0.00	26.39 -0.49 0.00	45.74 -0.83 0.00	49.21 -0.86 0.00	35.92 -0.59 0.00	35.23 -0.53 0.00	36.76 -0.55 0.00	34.59 -0.61 0.00	40.33 -0.78 0.11	33.58 -0.68 0.00	29.31 -0.57 0.00
ONONDAGA___COGEN 23986	17.38 -0.21 0.00	19.09 -0.26 0.00	19.63 -0.21 0.00	20.79 -0.27 0.00	20.82 -0.39 0.00	18.05 -0.29 0.00	23.69 -0.40 0.00	32.13 -0.64 0.00	30.18 -0.63 0.00	27.66 -0.68 0.00	25.08 -0.61 0.00	23.46 -0.54 0.00	22.04 -0.48 0.00	24.69 -0.54 0.00	26.34 -0.54 0.00	45.69 -0.88 0.00	49.19 -0.88 0.00	35.89 -0.62 0.00	35.19 -0.57 0.00	36.73 -0.59 0.00	34.54 -0.66 0.00	40.36 -0.86 0.00	33.54 -0.72 0.00	29.29 -0.59 0.00
ONTARIO___LFGE 23819	17.25 -0.34 0.00	19.46 -0.40 -0.50	19.47 -0.45 -0.08	20.65 -0.51 -0.10	20.74 -0.48 0.00	17.99 -0.37 -0.02	24.33 -0.41 -0.65	33.92 -0.60 -1.75	30.29 -0.52 0.00	27.83 -0.51 0.00	25.24 -0.45 0.00	23.62 -0.38 0.00	22.13 -0.39 0.00	24.99 -0.24 0.00	28.12 -0.31 -1.55	48.20 -0.44 -2.07	56.64 -0.43 -6.99	38.97 -0.37 -2.82	38.94 -0.27 -3.44	38.48 -0.09 -1.25	35.70 -0.36 -0.87	40.71 -0.66 -0.15	33.87 -0.51 -0.11	29.52 -0.36 0.00
ORANGEVILLE_WT_PWR 323706	16.31 -1.29 0.00	14.56 -1.47 3.32	17.72 -1.63 0.50	18.64 -1.74 0.68	19.65 -1.56 0.00	16.85 -1.35 0.13	17.97 -1.76 4.36	18.67 -2.48 11.63	28.61 -2.20 0.00	26.56 -1.78 0.00	24.35 -1.34 0.00	22.87 -1.14 0.00	21.40 -1.12 0.00	23.98 -1.25 0.00	15.00 -1.56 10.32	30.10 -2.69 13.78	0.59 -2.87 46.62	15.36 -2.41 18.75	10.74 -2.09 22.93	27.21 -1.79 8.32	27.28 -2.15 5.76	35.66 -2.31 3.24	31.65 -1.85 0.77	28.60 -1.28 0.00
ORANGEVILLE___ESR 323794	16.31 -1.29 0.00	14.56 -1.47 3.32	17.72 -1.63 0.50	18.64 -1.74 0.68	19.65 -1.56 0.00	16.85 -1.35 0.13	17.97 -1.76 4.36	18.67 -2.48 11.63	28.61 -2.20 0.00	26.56 -1.78 0.00	24.35 -1.34 0.00	22.87 -1.14 0.00	21.40 -1.12 0.00	23.98 -1.25 0.00	15.00 -1.56 10.32	30.10 -2.69 13.78	0.59 -2.87 46.62	15.36 -2.41 18.75	10.74 -2.09 22.93	27.21 -1.79 8.32	27.28 -2.15 5.76	35.66 -2.31 3.24	31.65 -1.85 0.77	28.60 -1.28 0.00
OSWEGATCHIE___HYD 24044	17.70 0.11 0.00	19.26 -0.09 0.00	21.84 -0.34 -2.34	24.93 -0.32 -4.19	25.14 -0.27 -4.19	22.09 -0.16 -3.92	28.49 -0.09 -4.49	38.10 -0.03 -5.35	35.85 -0.12 -5.16	33.01 -0.25 -4.92	30.20 -0.15 -4.65	28.38 -0.11 -4.49	26.79 -0.08 -4.34	29.65 -0.18 -4.60	30.05 -0.29 -3.46	49.15 0.00 -2.58	56.89 0.31 -6.50	37.91 0.50 -0.90	36.08 0.31 0.00	39.51 0.28 -1.91	35.69 0.50 0.00	42.29 1.07 0.00	35.16 0.89 0.00	30.33 0.45 0.00
OSWEGO___5 23606	17.05 -0.54 0.00	18.74 -0.61 0.00	19.21 -0.63 0.00	20.39 -0.67 0.00	20.56 -0.65 0.00	17.81 -0.53 0.00	23.35 -0.74 0.00	31.68 -1.10 0.00	29.76 -1.05 0.00	27.34 -1.00 0.00	24.79 -0.90 0.00	23.19 -0.82 0.00	21.77 -0.75 0.00	24.37 -0.86 0.00	25.99 -0.89 0.00	45.02 -1.54 0.00	48.43 -1.64 0.00	35.34 -1.18 0.00	34.63 -1.13 0.00	36.14 -1.18 0.00	34.03 -1.17 0.00	41.10 -1.43 -1.32	33.08 -1.19 0.00	28.89 -0.99 0.00

OSWEGO___6 23613	17.05 -0.54 0.00	18.74 -0.61 0.00	19.21 -0.63 0.00	20.39 -0.67 0.00	20.56 -0.65 0.00	17.81 -0.53 0.00	23.35 -0.74 0.00	31.68 -1.10 0.00	29.76 -1.05 0.00	27.34 -1.00 0.00	24.79 -0.90 0.00	23.19 -0.82 0.00	21.77 -0.75 0.00	24.37 -0.86 0.00	25.99 -0.89 0.00	45.02 -1.54 0.00	48.43 -1.64 0.00	35.34 -1.18 0.00	34.63 -1.13 0.00	36.14 -1.18 0.00	34.03 -1.17 0.00	41.10 -1.43 -1.32	33.08 -1.19 0.00	28.89 -0.99 0.00
OUTOKUMPU-AB___DRP 24206	16.50 -1.10 0.00	17.16 -1.32 0.87	18.23 -1.49 0.13	19.25 -1.63 0.18	19.74 -1.48 0.00	17.07 -1.23 0.04	21.40 -1.55 1.14	27.42 -2.31 3.05	28.77 -2.04 0.00	26.77 -1.57 0.00	24.58 -1.11 0.00	23.24 -0.76 0.00	21.72 -0.80 0.00	24.12 -1.11 0.00	22.92 -1.25 2.70	40.44 -2.52 3.61	34.87 -3.00 12.21	29.36 -2.24 4.91	27.60 -2.16 6.01	33.12 -2.02 2.18	31.60 -2.08 1.51	37.37 -2.67 1.18	32.13 -1.93 0.20	28.47 -1.42 0.00
OXBOW___BTM 323836	16.35 -1.25 0.00	17.02 -1.49 0.84	18.04 -1.68 0.13	19.05 -1.84 0.17	19.55 -1.66 0.00	16.91 -1.39 0.03	21.17 -1.82 1.11	27.20 -2.62 2.95	28.47 -2.35 0.00	26.48 -1.87 0.00	24.33 -1.36 0.00	23.02 -0.98 0.00	21.50 -1.03 0.00	23.86 -1.36 0.00	22.73 -1.53 2.62	39.98 -3.10 3.50	34.67 -3.58 11.83	29.12 -2.64 4.76	27.38 -2.56 5.82	32.74 -2.47 2.11	31.25 -2.48 1.46	36.93 -3.13 1.16	31.77 -2.29 0.19	28.16 -1.72 0.00
OXBOW____ 24026	16.35 -1.24 0.00	17.02 -1.49 0.84	18.06 -1.66 0.13	19.07 -1.82 0.17	19.55 -1.66 0.00	16.91 -1.39 0.03	21.21 -1.77 1.11	27.19 -2.64 2.95	28.47 -2.35 0.00	26.49 -1.86 0.00	24.33 -1.36 0.00	23.02 -0.98 0.00	21.51 -1.01 0.00	23.87 -1.36 0.00	22.73 -1.53 2.62	40.01 -3.06 3.50	34.62 -3.62 11.83	29.09 -2.67 4.76	27.34 -2.60 5.82	32.74 -2.46 2.11	31.25 -2.49 1.46	36.92 -3.14 1.16	31.78 -2.29 0.19	28.16 -1.72 0.00
OXY_CHEM_DSASP 323612	16.14 -1.45 0.00	16.81 -1.73 0.81	17.82 -1.90 0.12	18.82 -2.07 0.17	19.30 -1.91 0.00	16.69 -1.62 0.03	20.93 -2.09 1.07	26.82 -3.10 2.86	28.03 -2.78 0.00	26.08 -2.26 0.00	23.97 -1.72 0.00	22.68 -1.32 0.00	21.20 -1.33 0.00	23.50 -1.73 0.00	22.41 -1.94 2.53	39.38 -3.81 3.38	34.15 -4.48 11.44	28.67 -3.24 4.60	26.94 -3.20 5.63	32.20 -3.08 2.04	30.74 -3.04 1.41	36.31 -3.78 1.14	31.29 -2.78 0.19	27.74 -2.14 0.00
OZONE_PARK_ESR 323760	18.89 1.30 0.00	20.88 1.53 0.00	21.43 1.58 0.00	22.69 1.63 0.00	22.84 1.63 0.00	19.72 1.38 0.00	25.94 1.84 0.00	35.39 2.62 0.00	33.38 2.57 0.00	30.90 2.56 0.00	28.06 2.37 0.00	26.20 2.20 0.00	24.62 2.10 0.00	27.75 2.52 0.00	29.57 2.69 0.00	51.01 4.44 0.00	54.77 4.69 0.00	39.71 3.20 0.00	38.83 3.07 0.00	40.38 3.06 0.00	37.94 2.74 0.00	44.10 2.88 0.00	36.70 2.44 0.00	32.04 2.16 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	16.14 -1.45 0.00	16.81 -1.73 0.81	17.82 -1.90 0.12	18.82 -2.07 0.17	19.30 -1.91 0.00	16.69 -1.62 0.03	20.93 -2.09 1.07	26.82 -3.10 2.86	28.03 -2.78 0.00	26.08 -2.26 0.00	23.97 -1.72 0.00	22.68 -1.32 0.00	21.20 -1.33 0.00	23.50 -1.73 0.00	22.41 -1.94 2.53	39.38 -3.81 3.38	34.15 -4.48 11.44	28.67 -3.24 4.60	26.94 -3.20 5.63	32.20 -3.08 2.04	30.74 -3.04 1.41	36.31 -3.78 1.14	31.29 -2.78 0.19	27.74 -2.14 0.00
PACKARD___115KV_DUPONT_184 80571	16.14 -1.45 0.00	16.81 -1.73 0.81	17.82 -1.90 0.12	18.82 -2.07 0.17	19.30 -1.91 0.00	16.69 -1.62 0.03	20.93 -2.09 1.07	26.82 -3.10 2.86	28.03 -2.78 0.00	26.08 -2.26 0.00	23.97 -1.72 0.00	22.68 -1.32 0.00	21.20 -1.33 0.00	23.50 -1.73 0.00	22.41 -1.94 2.53	39.38 -3.81 3.38	34.15 -4.48 11.44	28.67 -3.24 4.60	26.94 -3.20 5.63	32.20 -3.08 2.04	30.74 -3.04 1.41	36.31 -3.78 1.14	31.29 -2.78 0.19	27.74 -2.14 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	18.78 1.19 0.00	20.76 1.40 0.00	21.30 1.45 0.00	22.57 1.51 0.00	22.71 1.50 0.00	19.62 1.28 0.00	25.75 1.66 0.00	35.19 2.41 0.00	33.22 2.41 0.00	30.67 2.33 0.00	27.88 2.19 0.00	25.98 1.97 0.00	24.35 1.83 0.00	27.43 2.20 0.00	29.23 2.35 0.00	50.31 3.75 0.00	54.06 3.99 0.00	39.25 2.74 0.00	38.42 2.66 0.00	39.95 2.63 0.00	37.51 2.32 0.00	43.68 2.46 0.00	36.36 2.10 0.00	31.75 1.87 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	18.78 1.19 0.00	20.76 1.40 0.00	21.30 1.46 0.00	22.57 1.51 0.00	22.71 1.50 0.00	19.62 1.29 0.00	25.76 1.67 0.00	35.20 2.43 0.00	33.22 2.41 0.00	30.67 2.34 0.00	27.88 2.19 0.00	25.98 1.98 0.00	24.35 1.83 0.00	27.43 2.20 0.00	29.24 2.36 0.00	50.32 3.75 0.00	54.07 4.00 0.00	39.25 2.74 0.00	38.42 2.66 0.00	39.96 2.64 0.00	37.52 2.32 0.00	43.68 2.46 0.00	36.37 2.11 0.00	31.76 1.88 0.00
PATROON___115KV_TB1 80586	18.13 0.53 0.00	20.03 0.68 0.00	20.63 0.79 0.00	21.90 0.84 0.00	22.01 0.80 0.00	18.98 0.64 0.00	25.03 0.94 0.00	34.18 1.40 0.00	32.09 1.28 0.00	29.44 1.09 0.00	26.54 0.85 0.00	24.72 0.72 0.00	23.17 0.65 0.00	26.00 0.77 0.00	27.76 0.88 0.00	48.10 1.53 0.00	51.88 1.80 0.00	37.79 1.28 0.00	37.07 1.31 0.00	38.64 1.32 0.00	36.45 1.26 0.00	42.54 1.32 0.00	35.28 1.02 0.00	30.76 0.89 0.00
PATTRSNVILLE___SOLAR 323815	18.32 0.73 0.00	20.20 0.85 0.00	20.74 0.90 0.00	22.01 0.95 0.00	22.18 0.97 0.00	19.15 0.82 0.00	25.23 1.14 0.00	34.41 1.64 0.00	32.18 1.37 0.00	29.28 0.93 0.00	26.34 0.65 0.00	24.57 0.56 0.00	23.05 0.53 0.00	25.89 0.66 0.00	27.60 0.73 0.00	48.22 1.65 0.00	52.30 2.22 0.00	38.16 1.65 0.00	37.47 1.70 0.00	39.05 1.73 0.00	36.81 1.61 0.00	43.03 1.81 0.00	35.72 1.46 0.00	31.14 1.26 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	16.76 -0.83 0.00	17.46 -0.99 0.90	18.58 -1.13 0.14	19.63 -1.25 0.18	20.11 -1.10 0.00	17.39 -0.91 0.04	21.79 -1.11 1.19	27.95 -1.66 3.17	29.38 -1.43 0.00	27.31 -1.03 0.00	25.07 -0.63 0.00	23.62 -0.38 0.00	22.10 -0.42 0.00	24.69 -0.53 0.00	23.45 -0.61 2.81	41.49 -1.33 3.75	35.65 -1.73 12.70	29.91 -1.50 5.11	28.13 -1.39 6.25	33.86 -1.19 2.27	32.27 -1.35 1.57	38.28 -1.76 1.19	32.81 -1.24 0.21	29.03 -0.85 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	18.75 1.16 0.00	20.71 1.36 0.00	21.26 1.42 0.00	22.55 1.49 0.00	22.68 1.48 0.00	19.58 1.25 0.00	25.78 1.69 0.00	35.22 2.44 0.00	33.17 2.36 0.00	30.62 2.28 0.00	27.75 2.06 0.00	25.89 1.89 0.00	24.32 1.80 0.00	27.38 2.15 0.00	29.19 2.31 0.00	50.43 3.86 0.00	54.25 4.18 0.00	39.38 2.86 0.00	38.59 2.82 0.00	40.17 2.85 0.00	37.73 2.54 0.00	43.90 2.68 0.00	36.46 2.20 0.00	31.81 1.94 0.00
PEEKSKILL____ 23653	18.60 1.01 0.00	20.55 1.20 0.00	21.10 1.26 0.00	22.36 1.30 0.00	22.51 1.29 0.00	19.41 1.08 0.00	25.54 1.44 0.00	34.83 2.05 0.00	32.80 1.98 0.00	30.31 1.97 0.00	27.51 1.82 0.00	25.67 1.66 0.00	24.12 1.60 0.00	27.17 1.94 0.00	28.97 2.09 0.00	50.00 3.43 0.00	53.74 3.66 0.00	38.94 2.43 0.00	38.13 2.36 0.00	39.66 2.34 0.00	37.27 2.07 0.00	43.38 2.16 0.00	36.07 1.81 0.00	31.51 1.64 0.00

PGE MADISON___WINDPWR 24146	18.13 0.54 0.00	19.99 0.42 -0.21	20.34 0.46 -0.03	21.73 0.62 -0.04	21.86 0.64 0.00	18.94 0.59 -0.01	25.42 1.06 -0.27	35.09 1.58 -0.72	32.11 1.30 0.00	29.40 1.06 0.00	26.68 0.99 0.00	24.80 0.80 0.00	23.12 0.60 0.00	25.95 0.71 0.00	28.33 0.81 -0.64	49.34 1.91 -0.86	55.16 2.19 -2.90	39.93 2.26 -1.17	39.71 2.52 -1.43	40.49 2.66 -0.52	37.84 2.28 -0.36	43.93 2.66 -0.06	36.08 1.77 -0.05	31.32 1.44 0.00
PIERCEFIELD___HYD 23852	17.88 0.29 0.00	19.49 0.13 0.00	23.27 -0.02 -3.44	27.22 0.00 -6.16	27.47 0.08 -6.18	24.22 0.12 -5.77	30.98 0.27 -6.62	41.09 0.43 -7.89	38.79 0.37 -7.61	35.94 0.35 -7.24	32.90 0.35 -6.86	30.98 0.36 -6.62	29.27 0.35 -6.40	32.19 0.19 -6.78	32.03 0.06 -5.09	50.81 0.44 -3.80	60.25 0.59 -9.59	38.59 0.76 -1.32	36.38 0.61 0.00	40.81 0.68 -2.82	36.09 0.90 0.00	42.64 1.41 0.00	35.42 1.16 0.00	30.61 0.73 0.00
PINELAWN_CC_1 323563	18.89 1.30 0.00	20.84 1.49 0.00	21.48 1.64 0.00	22.74 1.68 0.00	22.91 1.70 0.00	19.65 1.32 0.00	25.82 1.73 0.00	35.15 2.37 0.00	33.01 2.20 0.00	30.70 2.36 0.00	28.15 2.47 0.00	26.28 2.27 0.00	24.64 2.11 0.00	27.54 2.31 0.00	26.68 2.19 2.39	41.84 3.36 8.09	17.97 3.46 35.56	20.01 2.34 18.84	36.38 2.34 1.73	32.14 2.26 7.43	33.78 2.00 3.42	35.26 2.06 8.03	30.76 1.75 5.26	30.72 1.70 0.85
PJM_GEN_HTP_PROXY 323702	18.71 1.12 0.00	20.68 1.33 0.00	21.23 1.39 0.00	22.49 1.43 0.00	22.63 1.42 0.00	19.54 1.20 0.00	25.70 1.61 0.00	35.04 2.26 0.00	32.94 2.23 0.10	29.64 2.24 0.94	27.78 2.09 0.00	25.94 1.93 0.00	24.37 1.85 0.00	27.44 2.21 0.00	29.25 2.37 0.00	50.42 3.85 0.00	54.17 4.09 0.00	39.26 2.75 0.00	42.24 2.65 -3.82	41.16 2.62 -1.23	37.51 2.31 0.00	43.63 2.41 0.00	36.29 2.03 0.00	31.71 1.83 0.00
PJM_GEN_KEystone 24065	17.57 -0.02 0.00	19.22 0.04 0.17	19.83 0.01 0.03	21.02 -0.01 0.03	21.25 0.04 0.00	18.34 0.02 0.01	23.89 0.02 0.22	32.23 0.04 0.60	30.80 0.09 0.10	27.69 0.29 0.94	26.11 0.41 0.00	24.42 0.42 0.00	22.94 0.42 0.00	25.92 0.69 0.00	27.05 0.70 0.53	46.90 1.03 0.70	48.54 0.84 2.38	35.76 0.21 0.96	38.65 0.23 -2.65	38.46 0.33 -0.80	35.02 0.12 0.29	40.89 0.02 0.35	34.30 0.08 0.04	30.13 0.25 0.00
PJM_GEN_NEPTUNE_PROXY 323594	18.75 1.16 0.00	20.69 1.34 0.00	21.30 1.45 0.00	22.56 1.50 0.00	22.71 1.50 0.00	19.52 1.18 0.00	25.62 1.53 0.00	34.88 2.11 0.00	32.70 1.99 0.10	29.53 2.14 0.94	27.88 2.18 0.00	26.06 2.06 0.00	24.46 1.93 0.00	27.41 2.18 0.00	26.07 2.10 2.91	39.92 3.17 9.82	10.21 3.31 43.18	15.78 2.18 22.92	39.64 2.16 -1.72	31.60 2.10 7.82	32.80 1.83 4.23	33.32 1.87 9.76	29.46 1.59 6.40	30.37 1.52 1.03
PJM_GEN_VFT_PROXY 323633	18.67 1.07 0.00	20.64 1.29 0.00	21.19 1.34 0.00	22.44 1.38 0.00	22.58 1.38 0.00	19.49 1.16 0.00	25.61 1.52 0.00	34.90 2.13 0.00	32.79 2.09 0.10	29.52 2.12 0.94	27.66 1.97 0.00	25.82 1.82 0.00	24.27 1.74 0.00	27.35 2.12 0.00	29.16 2.27 0.00	50.24 3.67 0.00	53.95 3.88 0.00	39.09 2.58 0.00	42.07 2.48 -3.82	40.98 2.43 -1.23	37.34 2.15 0.00	43.43 2.21 0.00	36.16 1.89 0.00	31.61 1.73 0.00
PLATSBURG_115KV_PMLD1 355749	17.97 0.38 0.00	19.49 0.13 0.00	-3.86 -0.19 23.52	-21.29 -0.22 42.13	-21.33 -0.23 42.31	-21.38 -0.22 39.50	-21.34 -0.12 45.30	-21.30 -0.08 54.00	-21.39 -0.11 52.09	-21.48 -0.22 49.60	-21.53 -0.29 46.93	-21.51 -0.23 45.28	-21.46 -0.16 43.82	-21.42 -0.27 46.38	-8.38 -0.40 34.87	20.30 -0.24 26.02	-16.00 -0.47 65.61	27.42 -0.06 9.03	35.93 0.17 0.00	18.03 -0.02 19.26	35.98 0.78 0.00	42.58 1.36 0.00	35.43 1.17 0.00	30.72 0.84 0.00
PLEASANTVLY___LBMP 24000	18.53 0.94 0.00	20.48 1.12 0.00	21.03 1.19 0.00	22.31 1.25 0.00	22.44 1.23 0.00	19.35 1.02 0.00	25.45 1.36 0.00	34.76 1.98 0.00	32.74 1.93 0.00	30.22 1.88 0.00	27.39 1.70 0.00	25.55 1.55 0.00	23.98 1.46 0.00	26.97 1.74 0.00	28.75 1.87 0.00	49.65 3.08 0.00	53.40 3.32 0.00	38.75 2.24 0.00	37.95 2.19 0.00	39.51 2.19 0.00	37.17 1.97 0.00	43.29 2.07 0.00	35.99 1.72 0.00	31.43 1.55 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.66 1.07 0.00	20.61 1.26 0.00	21.16 1.32 0.00	22.44 1.38 0.00	22.58 1.37 0.00	19.47 1.14 0.00	25.61 1.51 0.00	34.97 2.19 0.00	32.96 2.14 0.00	30.45 2.11 0.00	27.63 1.94 0.00	25.79 1.79 0.00	24.22 1.69 0.00	27.26 2.03 0.00	29.04 2.17 0.00	50.14 3.57 0.00	53.89 3.81 0.00	39.07 2.56 0.00	38.27 2.50 0.00	39.81 2.49 0.00	37.42 2.22 0.00	43.55 2.32 0.00	36.20 1.93 0.00	31.62 1.75 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.66 1.07 0.00	20.61 1.26 0.00	21.16 1.32 0.00	22.44 1.38 0.00	22.58 1.37 0.00	19.47 1.14 0.00	25.61 1.51 0.00	34.97 2.19 0.00	32.96 2.14 0.00	30.45 2.11 0.00	27.63 1.94 0.00	25.79 1.79 0.00	24.22 1.69 0.00	27.26 2.03 0.00	29.04 2.17 0.00	50.14 3.57 0.00	53.89 3.81 0.00	39.07 2.56 0.00	38.27 2.50 0.00	39.81 2.49 0.00	37.42 2.22 0.00	43.55 2.32 0.00	36.20 1.93 0.00	31.62 1.75 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.67 1.08 0.00	20.61 1.26 0.00	21.17 1.32 0.00	22.44 1.38 0.00	22.59 1.38 0.00	19.49 1.16 0.00	25.67 1.57 0.00	35.07 2.29 0.00	33.02 2.21 0.00	30.45 2.11 0.00	27.59 1.90 0.00	25.72 1.71 0.00	24.14 1.61 0.00	27.14 1.91 0.00	28.95 2.07 0.00	50.07 3.50 0.00	53.90 3.82 0.00	39.16 2.65 0.00	38.37 2.61 0.00	39.96 2.64 0.00	37.57 2.38 0.00	43.73 2.51 0.00	36.33 2.07 0.00	31.70 1.82 0.00
POLETTI___ 23519	18.72 1.12 0.00	20.71 1.36 0.00	21.26 1.41 0.00	22.52 1.46 0.00	22.66 1.45 0.00	19.56 1.22 0.00	25.70 1.61 0.00	35.04 2.26 0.00	33.05 2.24 0.00	30.59 2.25 0.00	27.77 2.08 0.00	25.93 1.93 0.00	24.36 1.84 0.00	27.45 2.22 0.00	29.26 2.38 0.00	50.44 3.87 0.00	54.16 4.09 0.00	39.26 2.75 0.00	38.41 2.65 0.00	39.93 2.61 0.00	37.51 2.32 0.00	43.64 2.42 0.00	36.33 2.07 0.00	31.75 1.87 0.00
POMONA___ESR 323819	18.52 0.92 0.00	20.48 1.12 0.00	21.02 1.18 0.00	22.27 1.21 0.00	22.42 1.21 0.00	19.34 1.01 0.00	25.43 1.34 0.00	34.68 1.90 0.00	32.62 1.81 0.00	30.15 1.81 0.00	27.38 1.69 0.00	25.54 1.54 0.00	24.01 1.48 0.00	27.09 1.86 0.00	28.90 2.02 0.00	49.95 3.38 0.00	53.67 3.60 0.00	38.83 2.31 0.00	38.02 2.26 0.00	39.53 2.21 0.00	37.12 1.92 0.00	43.23 2.01 0.00	35.94 1.67 0.00	31.42 1.54 0.00
PORT_JEFF_3 23555	18.83 1.24 0.00	20.77 1.41 0.00	21.48 1.64 0.00	22.74 1.68 0.00	22.91 1.71 0.00	19.56 1.23 0.00	25.60 1.51 0.00	34.81 2.03 0.00	32.68 1.87 0.00	30.49 2.15 0.00	28.10 2.41 0.00	26.24 2.24 0.00	24.63 2.10 0.00	27.32 2.09 0.00	26.08 1.88 2.67	40.35 2.81 9.03	12.99 2.61 39.69	17.18 1.72 21.05	35.64 1.80 1.93	30.64 1.62 8.31	32.84 1.48 3.83	33.78 1.52 8.97	29.86 1.48 5.87	30.46 1.53 0.95

PORT_JEFF_4 23616	18.83 1.24 0.00	20.77 1.41 0.00	21.48 1.64 0.00	22.74 1.68 0.00	22.91 1.71 0.00	19.56 1.23 0.00	25.60 1.51 0.00	34.81 2.03 0.00	32.68 1.87 0.00	30.49 2.15 0.00	28.10 2.41 0.00	26.24 2.24 0.00	24.63 2.10 0.00	27.32 2.09 0.00	26.08 1.88 2.67	40.35 2.81 9.03	12.99 2.61 39.69	17.18 1.72 21.05	35.64 1.80 1.93	30.64 1.62 8.31	32.84 1.48 3.83	33.78 1.52 8.97	29.86 1.48 5.87	30.46 1.53 0.95
PORT_JEFF_IC 23713	18.83 1.24 0.00	20.78 1.42 0.00	21.50 1.65 0.00	22.76 1.70 0.00	22.93 1.72 0.00	19.59 1.25 0.00	25.64 1.55 0.00	34.90 2.12 0.00	32.76 1.95 0.00	30.55 2.21 0.00	28.11 2.42 0.00	26.26 2.26 0.00	24.65 2.12 0.00	27.37 2.14 0.00	26.17 1.96 2.67	40.54 2.97 9.00	13.22 2.73 39.58	17.27 1.75 20.99	35.72 1.88 1.93	30.72 1.69 8.29	32.96 1.59 3.82	33.91 1.64 8.94	29.93 1.52 5.86	30.49 1.56 0.95
PPL_PILGRIM_ST_GT1 24216	18.97 1.38 0.00	20.93 1.58 0.00	21.60 1.75 0.00	22.86 1.80 0.00	23.04 1.83 0.00	19.74 1.40 0.00	25.92 1.82 0.00	35.28 2.50 0.00	33.13 2.31 0.00	30.81 2.47 0.00	28.29 2.60 0.00	26.41 2.40 0.00	24.79 2.26 0.00	27.65 2.42 0.00	26.49 2.25 2.63	41.14 3.45 8.89	14.36 3.36 39.07	18.04 2.25 20.72	35.92 2.06 1.90	31.13 1.99 8.18	33.39 1.96 3.77	34.51 2.11 8.83	30.27 1.78 5.78	30.71 1.76 0.93
PPL_PILGRIM_ST_GT2 24217	18.97 1.38 0.00	20.93 1.58 0.00	21.60 1.75 0.00	22.86 1.80 0.00	23.04 1.83 0.00	19.74 1.40 0.00	25.92 1.82 0.00	35.28 2.50 0.00	33.13 2.31 0.00	30.81 2.47 0.00	28.29 2.60 0.00	26.41 2.40 0.00	24.79 2.26 0.00	27.65 2.42 0.00	26.49 2.25 2.63	41.14 3.45 8.89	14.36 3.36 39.07	18.04 2.25 20.72	35.92 2.06 1.90	31.13 1.99 8.18	33.39 1.96 3.77	34.51 2.11 8.83	30.27 1.78 5.78	30.71 1.76 0.93
PPL_SHRM_GT3 24213	18.80 1.21 0.00	20.73 1.38 0.00	21.59 1.75 0.00	22.86 1.80 0.00	23.05 1.84 0.00	19.74 1.41 0.00	25.91 1.82 0.00	35.23 2.46 0.00	33.05 2.24 0.00	30.73 2.39 0.00	28.19 2.50 0.00	26.32 2.31 0.00	24.72 2.19 0.00	27.52 2.29 0.00	26.36 2.15 2.67	40.84 3.29 9.02	12.78 2.36 39.65	17.10 1.62 21.03	36.22 2.39 1.93	31.09 2.08 8.30	33.27 1.90 3.83	34.18 1.91 8.96	30.08 1.69 5.87	30.58 1.65 0.95
PPL_SHRM_GT4 24214	18.80 1.21 0.00	20.73 1.38 0.00	21.59 1.75 0.00	22.86 1.80 0.00	23.05 1.84 0.00	19.74 1.41 0.00	25.91 1.82 0.00	35.23 2.46 0.00	33.05 2.24 0.00	30.73 2.39 0.00	28.19 2.50 0.00	26.32 2.31 0.00	24.72 2.19 0.00	27.52 2.29 0.00	26.36 2.15 2.67	40.84 3.29 9.02	12.78 2.36 39.65	17.10 1.62 21.03	36.22 2.39 1.93	31.09 2.08 8.30	33.27 1.90 3.83	34.18 1.91 8.96	30.08 1.69 5.87	30.58 1.65 0.95
PROJECT___ORANGE 1 24174	17.28 -0.31 0.00	18.98 -0.38 0.00	19.45 -0.39 0.00	20.61 -0.45 0.00	20.74 -0.47 0.00	17.97 -0.36 0.00	23.59 -0.51 0.00	32.01 -0.77 0.00	30.08 -0.73 0.00	27.60 -0.74 0.00	25.04 -0.66 0.00	23.43 -0.57 0.00	22.00 -0.53 0.00	24.66 -0.57 0.00	26.30 -0.58 0.00	45.56 -1.01 0.00	48.98 -1.10 0.00	35.73 -0.79 0.00	35.02 -0.75 0.00	36.55 -0.77 0.00	34.38 -0.81 0.00	40.04 -1.02 0.17	33.40 -0.86 0.00	29.16 -0.72 0.00
PROJECT___ORANGE 2 24166	17.28 -0.31 0.00	18.98 -0.38 0.00	19.45 -0.39 0.00	20.61 -0.45 0.00	20.74 -0.47 0.00	17.97 -0.36 0.00	23.59 -0.51 0.00	32.01 -0.77 0.00	30.08 -0.73 0.00	27.60 -0.74 0.00	25.04 -0.66 0.00	23.43 -0.57 0.00	22.00 -0.53 0.00	24.66 -0.57 0.00	26.30 -0.58 0.00	45.56 -1.01 0.00	48.98 -1.10 0.00	35.73 -0.79 0.00	35.02 -0.75 0.00	36.55 -0.77 0.00	34.38 -0.81 0.00	40.04 -1.02 0.17	33.40 -0.86 0.00	29.16 -0.72 0.00
PUCKETT___SOLAR 323809	17.72 0.13 0.00	19.68 0.19 -0.14	20.07 0.20 -0.02	21.36 0.27 -0.03	21.48 0.27 0.00	18.52 0.18 -0.01	24.61 0.34 -0.18	33.84 0.57 -0.49	31.31 0.49 0.00	28.82 0.48 0.00	26.19 0.50 0.00	24.39 0.39 0.00	22.84 0.32 0.00	25.84 0.61 0.00	27.94 0.62 -0.43	48.35 1.21 -0.58	53.16 1.13 -1.96	37.99 0.69 -0.78	37.59 0.86 -0.96	38.77 1.10 -0.35	36.20 0.76 -0.24	42.17 0.98 0.04	35.04 0.74 -0.03	30.50 0.63 0.00
PYRITES___HYD 24023	18.19 0.60 0.00	19.84 0.48 0.00	23.28 0.35 -3.08	26.97 0.39 -5.52	27.25 0.50 -5.54	24.00 0.49 -5.17	30.86 0.83 -5.93	41.02 1.17 -7.07	38.65 1.02 -6.82	35.75 0.91 -6.49	32.58 0.74 -6.15	30.66 0.72 -5.93	29.00 0.73 -5.74	31.91 0.60 -6.07	31.83 0.39 -4.57	51.35 1.37 -3.41	60.27 1.60 -8.59	39.24 1.55 -1.18	37.19 1.42 0.00	41.40 1.56 -2.52	36.87 1.67 0.00	43.45 2.23 0.00	36.09 1.83 0.00	31.15 1.27 0.00
QUAKERRD_115KV_BK1 80622	16.65 -0.94 0.00	18.23 -1.12 0.00	18.63 -1.21 0.00	19.74 -1.32 0.00	19.98 -1.23 0.00	17.33 -1.01 0.00	22.80 -1.30 0.00	30.92 -1.86 0.00	29.14 -1.67 0.00	26.89 -1.45 0.00	24.51 -1.18 0.00	23.03 -0.97 0.00	21.58 -0.94 0.00	24.10 -1.13 0.00	25.60 -1.28 0.00	44.32 -2.25 0.00	47.48 -2.59 0.00	34.65 -1.87 0.00	33.96 -1.81 0.00	35.57 -1.75 0.00	33.38 -1.81 0.00	38.44 -2.30 0.48	32.42 -1.84 0.00	28.37 -1.51 0.00
QUENSBRY_115KV_TB8 356137	18.51 0.91 0.00	20.44 1.09 0.00	21.01 1.17 0.00	22.32 1.26 0.00	22.52 1.31 0.00	19.42 1.08 0.00	25.69 1.60 0.00	35.15 2.37 0.00	32.93 2.12 0.00	30.22 1.88 0.00	27.03 1.33 0.00	25.04 1.03 0.00	23.51 0.98 0.00	26.43 1.20 0.00	28.03 1.15 0.00	48.87 2.29 0.00	52.94 2.87 0.00	38.56 2.04 0.00	37.86 2.09 0.00	39.74 2.42 0.00	37.39 2.20 0.00	43.68 2.46 0.00	36.19 1.92 0.00	31.51 1.64 0.00
RAMAPO___LBMP 323565	18.47 0.88 0.00	20.42 1.06 0.00	20.96 1.12 0.00	22.21 1.15 0.00	22.37 1.16 0.00	19.30 0.97 0.00	25.36 1.26 0.00	34.58 1.81 0.00	32.53 1.72 0.00	30.07 1.73 0.00	27.30 1.61 0.00	25.46 1.46 0.00	23.93 1.41 0.00	26.99 1.76 0.00	28.80 1.92 0.00	49.75 3.17 0.00	53.45 3.37 0.00	38.67 2.16 0.00	37.88 2.11 0.00	39.39 2.07 0.00	37.00 1.81 0.00	43.10 1.88 0.00	35.83 1.57 0.00	31.34 1.46 0.00
RANKINE____ 23646	16.55 -1.04 0.00	17.05 -1.25 1.06	18.28 -1.41 0.16	19.30 -1.55 0.22	19.83 -1.38 0.00	17.14 -1.15 0.04	21.25 -1.45 1.39	26.92 -2.16 3.70	28.95 -1.86 0.00	26.93 -1.41 0.00	24.73 -0.96 0.00	23.33 -0.68 0.00	21.81 -0.71 0.00	24.30 -0.93 0.00	22.47 -1.13 3.28	40.01 -2.18 4.38	32.64 -2.61 14.82	28.50 -2.05 5.96	26.55 -1.92 7.29	32.98 -1.69 2.65	31.54 -1.83 1.83	37.64 -2.26 1.33	32.36 -1.66 0.24	28.71 -1.17 0.00
RAVENSWOOD_GT2_1 24244	18.75 1.16 0.00	20.72 1.37 0.00	21.27 1.43 0.00	22.54 1.47 0.00	22.67 1.47 0.00	19.57 1.24 0.00	25.73 1.64 0.00	35.09 2.31 0.00	33.09 2.28 0.00	30.63 2.29 0.00	27.81 2.12 0.00	25.97 1.96 0.00	24.40 1.88 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.50 3.93 0.00	54.23 4.15 0.00	39.31 2.80 0.00	38.47 2.70 0.00	39.99 2.67 0.00	37.55 2.36 0.00	43.68 2.46 0.00	36.35 2.09 0.00	31.76 1.88 0.00

RAVENSWOOD_GT2_2 24245	18.75 1.16 0.00	20.72 1.37 0.00	21.27 1.43 0.00	22.54 1.47 0.00	22.67 1.47 0.00	19.57 1.24 0.00	25.73 1.64 0.00	35.09 2.31 0.00	33.09 2.28 0.00	30.63 2.29 0.00	27.81 2.12 0.00	25.97 1.96 0.00	24.40 1.88 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.50 3.93 0.00	54.23 4.15 0.00	39.31 2.80 0.00	38.47 2.70 0.00	39.99 2.67 0.00	37.55 2.36 0.00	43.68 2.46 0.00	36.35 2.09 0.00	31.76 1.88 0.00
RAVENSWOOD_GT2_3 24246	18.75 1.16 0.00	20.73 1.38 0.00	21.28 1.44 0.00	22.55 1.49 0.00	22.69 1.48 0.00	19.58 1.24 0.00	25.74 1.65 0.00	35.10 2.32 0.00	33.11 2.30 0.00	30.64 2.30 0.00	27.84 2.14 0.00	25.98 1.98 0.00	24.42 1.89 0.00	27.50 2.27 0.00	29.31 2.43 0.00	50.52 3.95 0.00	54.26 4.19 0.00	39.34 2.82 0.00	38.49 2.73 0.00	40.01 2.69 0.00	37.58 2.39 0.00	43.71 2.49 0.00	36.37 2.11 0.00	31.78 1.90 0.00
RAVENSWOOD_GT2_4 24247	18.75 1.16 0.00	20.73 1.38 0.00	21.28 1.44 0.00	22.55 1.49 0.00	22.69 1.48 0.00	19.58 1.24 0.00	25.74 1.65 0.00	35.10 2.32 0.00	33.11 2.30 0.00	30.64 2.30 0.00	27.84 2.14 0.00	25.98 1.98 0.00	24.42 1.89 0.00	27.50 2.27 0.00	29.31 2.43 0.00	50.52 3.95 0.00	54.26 4.19 0.00	39.34 2.82 0.00	38.49 2.73 0.00	40.01 2.69 0.00	37.58 2.39 0.00	43.71 2.49 0.00	36.37 2.11 0.00	31.78 1.90 0.00
RAVENSWOOD_GT3_1 24248	18.75 1.16 0.00	20.72 1.37 0.00	21.27 1.43 0.00	22.54 1.47 0.00	22.67 1.47 0.00	19.57 1.23 0.00	25.73 1.64 0.00	35.09 2.31 0.00	33.09 2.28 0.00	30.63 2.28 0.00	27.81 2.12 0.00	25.97 1.96 0.00	24.40 1.88 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.50 3.93 0.00	54.23 4.15 0.00	39.31 2.80 0.00	38.47 2.70 0.00	39.99 2.67 0.00	37.56 2.36 0.00	43.68 2.46 0.00	36.35 2.09 0.00	31.76 1.88 0.00
RAVENSWOOD_GT3_2 24249	18.75 1.16 0.00	20.72 1.37 0.00	21.27 1.43 0.00	22.54 1.47 0.00	22.67 1.47 0.00	19.57 1.23 0.00	25.73 1.64 0.00	35.09 2.31 0.00	33.09 2.28 0.00	30.63 2.28 0.00	27.81 2.12 0.00	25.97 1.96 0.00	24.40 1.88 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.50 3.93 0.00	54.23 4.15 0.00	39.31 2.80 0.00	38.47 2.70 0.00	39.99 2.67 0.00	37.56 2.36 0.00	43.68 2.46 0.00	36.35 2.09 0.00	31.76 1.88 0.00
RAVENSWOOD_GT3_3 24250	18.77 1.18 0.00	20.75 1.40 0.00	21.30 1.46 0.00	22.57 1.51 0.00	22.71 1.50 0.00	19.60 1.27 0.00	25.77 1.67 0.00	35.16 2.38 0.00	33.16 2.35 0.00	30.69 2.35 0.00	27.87 2.17 0.00	26.02 2.02 0.00	24.45 1.93 0.00	27.54 2.31 0.00	29.34 2.46 0.00	50.60 4.03 0.00	54.33 4.25 0.00	39.39 2.87 0.00	38.53 2.77 0.00	40.06 2.74 0.00	37.64 2.44 0.00	43.77 2.54 0.00	36.42 2.16 0.00	31.82 1.95 0.00
RAVENSWOOD_GT3_4 24251	18.77 1.18 0.00	20.75 1.40 0.00	21.30 1.46 0.00	22.57 1.51 0.00	22.71 1.50 0.00	19.60 1.27 0.00	25.77 1.67 0.00	35.16 2.38 0.00	33.16 2.35 0.00	30.69 2.35 0.00	27.87 2.17 0.00	26.02 2.02 0.00	24.45 1.93 0.00	27.54 2.31 0.00	29.34 2.46 0.00	50.60 4.03 0.00	54.33 4.25 0.00	39.39 2.87 0.00	38.53 2.77 0.00	40.06 2.74 0.00	37.64 2.44 0.00	43.77 2.54 0.00	36.42 2.16 0.00	31.82 1.95 0.00
RAVENSWOOD_GT_1 23729	18.80 1.21 0.00	20.77 1.42 0.00	21.32 1.47 0.00	22.59 1.52 0.00	22.72 1.51 0.00	19.62 1.28 0.00	25.78 1.68 0.00	35.17 2.39 0.00	33.21 2.39 0.00	30.73 2.39 0.00	27.92 2.23 0.00	26.06 2.05 0.00	24.48 1.95 0.00	27.56 2.33 0.00	29.39 2.51 0.00	50.62 4.05 0.00	54.34 4.26 0.00	39.41 2.89 0.00	38.55 2.78 0.00	40.06 2.74 0.00	37.61 2.41 0.00	43.73 2.51 0.00	36.40 2.14 0.00	31.81 1.93 0.00
RAVENSWOOD_GT_10 24258	18.75 1.15 0.00	20.72 1.37 0.00	21.27 1.43 0.00	22.54 1.47 0.00	22.67 1.47 0.00	19.57 1.23 0.00	25.73 1.64 0.00	35.09 2.31 0.00	33.09 2.28 0.00	30.63 2.28 0.00	27.81 2.12 0.00	25.97 1.96 0.00	24.40 1.88 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.50 3.93 0.00	54.23 4.15 0.00	39.31 2.80 0.00	38.47 2.70 0.00	39.99 2.67 0.00	37.56 2.36 0.00	43.68 2.46 0.00	36.35 2.09 0.00	31.76 1.88 0.00
RAVENSWOOD_GT_11 24259	18.75 1.15 0.00	20.72 1.37 0.00	21.27 1.43 0.00	22.54 1.47 0.00	22.67 1.47 0.00	19.57 1.23 0.00	25.73 1.64 0.00	35.09 2.31 0.00	33.09 2.28 0.00	30.63 2.28 0.00	27.81 2.12 0.00	25.97 1.96 0.00	24.40 1.88 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.50 3.93 0.00	54.23 4.15 0.00	39.31 2.80 0.00	38.47 2.70 0.00	39.99 2.67 0.00	37.56 2.36 0.00	43.68 2.46 0.00	36.35 2.09 0.00	31.76 1.88 0.00
RAVENSWOOD_GT_4 24252	18.74 1.15 0.00	20.72 1.37 0.00	21.27 1.42 0.00	22.53 1.47 0.00	22.67 1.47 0.00	19.57 1.23 0.00	25.73 1.64 0.00	35.08 2.31 0.00	33.09 2.27 0.00	30.62 2.28 0.00	27.81 2.12 0.00	25.96 1.96 0.00	24.40 1.88 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.50 3.93 0.00	54.23 4.16 0.00	39.31 2.80 0.00	38.46 2.70 0.00	39.99 2.67 0.00	37.56 2.36 0.00	43.69 2.47 0.00	36.36 2.10 0.00	31.77 1.89 0.00
RAVENSWOOD_GT_5 24254	18.74 1.15 0.00	20.72 1.37 0.00	21.27 1.42 0.00	22.53 1.47 0.00	22.67 1.47 0.00	19.57 1.23 0.00	25.73 1.64 0.00	35.08 2.31 0.00	33.09 2.27 0.00	30.62 2.28 0.00	27.81 2.12 0.00	25.96 1.96 0.00	24.40 1.88 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.50 3.93 0.00	54.23 4.16 0.00	39.31 2.80 0.00	38.46 2.70 0.00	39.99 2.67 0.00	37.56 2.36 0.00	43.69 2.47 0.00	36.36 2.10 0.00	31.77 1.89 0.00
RAVENSWOOD_GT_6 24253	18.74 1.15 0.00	20.72 1.37 0.00	21.27 1.42 0.00	22.53 1.47 0.00	22.67 1.47 0.00	19.57 1.23 0.00	25.73 1.64 0.00	35.08 2.31 0.00	33.09 2.27 0.00	30.62 2.28 0.00	27.81 2.12 0.00	25.96 1.96 0.00	24.40 1.88 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.50 3.93 0.00	54.23 4.16 0.00	39.31 2.80 0.00	38.46 2.70 0.00	39.99 2.67 0.00	37.56 2.36 0.00	43.69 2.47 0.00	36.36 2.10 0.00	31.77 1.89 0.00
RAVENSWOOD_GT_7 24255	18.74 1.15 0.00	20.72 1.37 0.00	21.27 1.42 0.00	22.53 1.47 0.00	22.67 1.47 0.00	19.57 1.23 0.00	25.73 1.64 0.00	35.08 2.31 0.00	33.09 2.27 0.00	30.62 2.28 0.00	27.81 2.12 0.00	25.96 1.96 0.00	24.40 1.88 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.50 3.93 0.00	54.23 4.16 0.00	39.31 2.80 0.00	38.46 2.70 0.00	39.99 2.67 0.00	37.56 2.36 0.00	43.69 2.47 0.00	36.36 2.10 0.00	31.77 1.89 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.75 1.15 0.00	20.72 1.37 0.00	21.27 1.43 0.00	22.54 1.47 0.00	22.67 1.47 0.00	19.57 1.23 0.00	25.73 1.64 0.00	35.09 2.31 0.00	33.09 2.28 0.00	30.63 2.28 0.00	27.81 2.12 0.00	25.97 1.96 0.00	24.40 1.88 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.50 3.93 0.00	54.23 4.15 0.00	39.31 2.80 0.00	38.47 2.70 0.00	39.99 2.67 0.00	37.56 2.36 0.00	43.68 2.46 0.00	36.35 2.09 0.00	31.76 1.88 0.00

RAVENSWOOD_GT_9 24257	18.75 1.15 0.00	20.72 1.37 0.00	21.27 1.43 0.00	22.54 1.47 0.00	22.67 1.47 0.00	19.57 1.23 0.00	25.73 1.64 0.00	35.09 2.31 0.00	33.09 2.28 0.00	30.63 2.28 0.00	27.81 2.12 0.00	25.97 1.96 0.00	24.40 1.88 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.50 3.93 0.00	54.23 4.15 0.00	39.31 2.80 0.00	38.47 2.70 0.00	39.99 2.67 0.00	37.56 2.36 0.00	43.68 2.46 0.00	36.35 2.09 0.00	31.76 1.88 0.00
RAVENSWOOD___1 23533	18.77 1.18 0.00	20.74 1.39 0.00	21.29 1.44 0.00	22.56 1.50 0.00	22.69 1.48 0.00	19.58 1.25 0.00	25.75 1.66 0.00	35.11 2.33 0.00	33.15 2.34 0.00	30.68 2.34 0.00	27.87 2.18 0.00	26.01 2.01 0.00	24.44 1.91 0.00	27.52 2.28 0.00	29.33 2.45 0.00	50.53 3.96 0.00	54.27 4.20 0.00	39.36 2.84 0.00	38.50 2.73 0.00	40.01 2.69 0.00	37.57 2.37 0.00	43.68 2.46 0.00	36.36 2.10 0.00	31.76 1.88 0.00
RAVENSWOOD___2 23534	18.77 1.18 0.00	20.74 1.39 0.00	21.29 1.44 0.00	22.56 1.50 0.00	22.69 1.48 0.00	19.58 1.25 0.00	25.75 1.66 0.00	35.11 2.33 0.00	33.15 2.34 0.00	30.68 2.34 0.00	27.87 2.18 0.00	26.01 2.01 0.00	24.44 1.91 0.00	27.52 2.28 0.00	29.33 2.45 0.00	50.53 3.96 0.00	54.27 4.20 0.00	39.36 2.84 0.00	38.50 2.73 0.00	40.01 2.69 0.00	37.57 2.37 0.00	43.68 2.46 0.00	36.36 2.10 0.00	31.76 1.88 0.00
RAVENSWOOD___3 23535	18.75 1.16 0.00	20.72 1.37 0.00	21.27 1.43 0.00	22.54 1.48 0.00	22.67 1.46 0.00	19.57 1.24 0.00	25.74 1.64 0.00	35.09 2.31 0.00	33.09 2.28 0.00	30.63 2.29 0.00	27.81 2.12 0.00	25.97 1.96 0.00	24.41 1.88 0.00	27.48 2.25 0.00	29.29 2.41 0.00	50.50 3.93 0.00	54.23 4.15 0.00	39.31 2.80 0.00	38.46 2.70 0.00	39.99 2.67 0.00	37.55 2.36 0.00	43.68 2.46 0.00	36.35 2.09 0.00	31.76 1.88 0.00
RAVENSWOOD___4 23820	18.77 1.18 0.00	20.74 1.39 0.00	21.29 1.44 0.00	22.56 1.50 0.00	22.69 1.48 0.00	19.58 1.25 0.00	25.75 1.66 0.00	35.11 2.33 0.00	33.15 2.34 0.00	30.68 2.34 0.00	27.87 2.18 0.00	26.01 2.01 0.00	24.44 1.91 0.00	27.52 2.28 0.00	29.33 2.45 0.00	50.53 3.96 0.00	54.27 4.20 0.00	39.36 2.84 0.00	38.50 2.73 0.00	40.01 2.69 0.00	37.57 2.37 0.00	43.68 2.46 0.00	36.36 2.10 0.00	31.76 1.88 0.00
RCPL_TRUST___DRP 24196	18.73 1.14 0.00	20.69 1.34 0.00	21.25 1.40 0.00	22.51 1.45 0.00	22.65 1.44 0.00	19.55 1.21 0.00	25.71 1.62 0.00	35.08 2.30 0.00	33.09 2.27 0.00	30.63 2.29 0.00	27.81 2.12 0.00	25.97 1.96 0.00	24.41 1.89 0.00	27.48 2.25 0.00	29.30 2.42 0.00	50.52 3.94 0.00	54.26 4.18 0.00	39.33 2.82 0.00	38.47 2.71 0.00	39.99 2.67 0.00	37.55 2.35 0.00	43.67 2.45 0.00	36.33 2.07 0.00	31.74 1.86 0.00
RED___ROCHESTER 323720	17.01 -0.58 0.00	18.60 -0.75 0.00	19.01 -0.84 0.00	20.13 -0.93 0.00	20.38 -0.83 0.00	17.69 -0.65 0.00	23.26 -0.83 0.00	31.60 -1.18 0.00	29.82 -0.99 0.00	27.52 -0.82 0.00	25.11 -0.59 0.00	23.63 -0.37 0.00	22.13 -0.39 0.00	24.69 -0.54 0.00	26.25 -0.63 0.00	45.41 -1.17 0.00	48.68 -1.40 0.00	35.48 -1.03 0.00	34.77 -0.99 0.00	36.44 -0.88 0.00	34.18 -1.01 0.00	39.34 -1.41 0.48	33.17 -1.09 0.00	29.05 -0.83 0.00
REGAN___SOLAR 323812	18.63 1.04 0.00	20.52 1.16 0.00	21.04 1.20 0.00	22.33 1.27 0.00	22.52 1.31 0.00	19.50 1.17 0.00	25.75 1.66 0.00	35.07 2.30 0.00	32.57 1.75 0.00	29.02 0.67 0.00	25.97 0.28 0.00	24.28 0.28 0.00	22.84 0.32 0.00	25.65 0.42 0.00	27.35 0.47 0.00	48.95 2.38 0.00	53.34 3.26 0.00	39.06 2.55 0.00	38.43 2.66 0.00	40.01 2.69 0.00	37.66 2.47 0.00	44.05 2.83 0.00	36.53 2.27 0.00	31.77 1.89 0.00
RENSSELAER___COGEN 23796	18.04 0.45 0.00	19.94 0.59 0.00	20.55 0.70 0.00	21.81 0.75 0.00	21.91 0.70 0.00	18.90 0.57 0.00	24.91 0.82 0.00	34.00 1.22 0.00	31.94 1.13 0.00	29.29 0.95 0.00	26.41 0.72 0.00	24.59 0.58 0.00	23.04 0.52 0.00	25.85 0.62 0.00	27.58 0.70 0.00	47.76 1.19 0.00	51.51 1.43 0.00	37.54 1.03 0.00	36.85 1.09 0.00	38.41 1.09 0.00	36.26 1.06 0.00	42.32 1.10 0.00	35.11 0.85 0.00	30.61 0.74 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.32 1.73 0.00	21.41 2.06 0.00	22.02 2.17 0.00	23.40 2.34 0.00	23.72 2.51 0.00	20.39 2.05 0.00	27.16 3.06 0.00	37.20 4.42 0.00	34.70 3.88 0.00	31.98 3.64 0.00	28.31 2.62 0.00	26.03 2.02 0.00	24.51 1.99 0.00	27.66 2.43 0.00	29.50 2.62 0.00	51.58 5.01 0.00	56.14 6.06 0.00	40.77 4.26 0.00	40.09 4.32 0.00	42.38 5.06 0.00	39.84 4.64 0.00	45.93 4.71 0.00	37.94 3.68 0.00	32.91 3.03 0.00
REVERE_CPBR_DRP 24186	17.99 0.39 0.00	19.70 0.34 0.00	20.14 0.30 0.00	21.38 0.32 0.00	21.58 0.37 0.00	18.75 0.41 0.00	24.69 0.60 0.00	33.65 0.87 0.00	31.55 0.74 0.00	28.79 0.45 0.00	26.09 0.40 0.00	24.31 0.31 0.00	22.79 0.27 0.00	25.68 0.45 0.00	27.50 0.62 0.00	47.74 1.16 0.00	51.65 1.57 0.00	37.76 1.25 0.00	36.98 1.22 0.00	38.52 1.20 0.00	36.32 1.12 0.00	42.60 1.38 0.00	35.27 1.01 0.00	30.63 0.75 0.00
REYNOLDS_115KV_TB3 80639	18.19 0.60 0.00	20.10 0.75 0.00	20.70 0.85 0.00	21.98 0.92 0.00	22.10 0.88 0.00	19.05 0.72 0.00	25.11 1.01 0.00	34.30 1.52 0.00	32.23 1.42 0.00	29.57 1.23 0.00	26.64 0.95 0.00	24.81 0.80 0.00	23.23 0.71 0.00	26.06 0.83 0.00	27.81 0.93 0.00	48.14 1.56 0.00	51.92 1.84 0.00	37.82 1.31 0.00	37.11 1.34 0.00	38.68 1.36 0.00	36.54 1.34 0.00	42.67 1.44 0.00	35.40 1.14 0.00	30.88 1.00 0.00
RIVERBAY____ 323610	18.78 1.19 0.00	20.76 1.40 0.00	21.30 1.46 0.00	22.57 1.51 0.00	22.71 1.50 0.00	19.62 1.29 0.00	25.76 1.67 0.00	35.20 2.43 0.00	33.22 2.41 0.00	30.67 2.34 0.00	27.88 2.19 0.00	25.98 1.98 0.00	24.35 1.83 0.00	27.43 2.20 0.00	29.24 2.36 0.00	50.32 3.75 0.00	54.07 4.00 0.00	39.25 2.74 0.00	38.42 2.66 0.00	39.96 2.64 0.00	37.52 2.32 0.00	43.68 2.46 0.00	36.37 2.11 0.00	31.76 1.88 0.00
RIVERSDE_115KV_TB3 55908	18.13 0.53 0.00	20.03 0.68 0.00	20.63 0.79 0.00	21.90 0.84 0.00	22.01 0.80 0.00	18.98 0.65 0.00	25.02 0.93 0.00	34.17 1.39 0.00	32.10 1.29 0.00	29.46 1.11 0.00	26.55 0.86 0.00	24.72 0.72 0.00	23.16 0.64 0.00	25.98 0.75 0.00	27.74 0.86 0.00	48.03 1.46 0.00	51.79 1.72 0.00	37.72 1.21 0.00	37.01 1.24 0.00	38.58 1.27 0.00	36.43 1.23 0.00	42.52 1.30 0.00	35.27 1.01 0.00	30.76 0.88 0.00
ROARING___BROOK_WT_PWR 323790	-19.74 -0.62 36.71	13.63 -0.73 4.99	19.08 -0.76 0.00	20.26 -0.80 0.00	20.45 -0.76 0.00	17.66 -0.67 0.00	23.28 -0.81 0.00	31.78 -1.00 0.00	29.87 -0.94 0.00	27.66 -0.68 0.00	25.18 -0.51 0.00	23.43 -0.57 0.00	21.96 -0.56 0.00	24.59 -0.64 0.00	26.08 -0.79 0.00	45.35 -1.23 0.00	49.15 -0.92 0.00	36.00 -0.51 0.00	34.92 -0.85 0.00	36.39 -0.93 0.00	34.67 -0.53 0.00	41.15 -0.07 0.00	34.24 -0.03 0.00	29.73 -0.15 0.00

ROCHESRG_115KV_T4 355643	16.86 -0.73 0.00	18.30 -0.91 0.14	18.82 -1.00 0.02	19.93 -1.10 0.03	20.21 -1.00 0.00	17.52 -0.81 0.01	22.87 -1.04 0.19	30.75 -1.52 0.51	29.50 -1.32 0.00	27.24 -1.10 0.00	24.85 -0.84 0.00	23.38 -0.62 0.00	21.90 -0.63 0.00	24.43 -0.80 0.00	25.49 -0.93 0.45	44.28 -1.69 0.60	46.03 -2.01 2.04	34.22 -1.47 0.82	33.32 -1.44 1.00	35.63 -1.33 0.36	33.53 -1.41 0.25	38.77 -1.85 0.61	32.81 -1.42 0.03	28.77 -1.11 0.00
ROCHESTER_9_IC 23652	16.94 -0.65 0.00	18.53 -0.82 0.00	18.94 -0.91 0.00	20.05 -1.01 0.00	20.31 -0.90 0.00	17.62 -0.72 0.00	23.19 -0.90 0.00	31.45 -1.33 0.00	29.68 -1.14 0.00	27.40 -0.94 0.00	25.00 -0.70 0.00	23.52 -0.49 0.00	22.03 -0.49 0.00	24.57 -0.66 0.00	26.11 -0.77 0.00	45.18 -1.39 0.00	48.38 -1.70 0.00	35.26 -1.25 0.00	34.55 -1.21 0.00	36.23 -1.09 0.00	33.99 -1.20 0.00	39.13 -1.61 0.48	33.02 -1.24 0.00	28.92 -0.96 0.00
ROCKVIEW_13_KV_LD 356306	18.74 1.15 0.00	20.71 1.36 0.00	21.26 1.42 0.00	22.53 1.47 0.00	22.67 1.46 0.00	19.56 1.23 0.00	25.72 1.63 0.00	35.10 2.32 0.00	33.08 2.26 0.00	30.61 2.27 0.00	27.79 2.10 0.00	25.94 1.94 0.00	24.38 1.85 0.00	27.44 2.21 0.00	29.24 2.36 0.00	50.46 3.88 0.00	54.20 4.13 0.00	39.30 2.78 0.00	38.48 2.72 0.00	40.01 2.69 0.00	37.58 2.39 0.00	43.73 2.51 0.00	36.35 2.09 0.00	31.76 1.88 0.00
ROME____115KV_TB2 80656	17.99 0.39 0.00	19.70 0.34 0.00	20.14 0.30 0.00	21.38 0.32 0.00	21.58 0.37 0.00	18.75 0.41 0.00	24.69 0.60 0.00	33.65 0.87 0.00	31.55 0.74 0.00	28.79 0.45 0.00	26.09 0.40 0.00	24.31 0.31 0.00	22.79 0.27 0.00	25.68 0.45 0.00	27.50 0.62 0.00	47.74 1.16 0.00	51.65 1.57 0.00	37.76 1.25 0.00	36.98 1.22 0.00	38.52 1.20 0.00	36.32 1.12 0.00	42.60 1.38 0.00	35.27 1.01 0.00	30.63 0.75 0.00
ROSETON___1 23587	18.50 0.90 0.00	20.44 1.08 0.00	20.99 1.15 0.00	22.26 1.20 0.00	22.40 1.19 0.00	19.32 0.98 0.00	25.41 1.32 0.00	34.67 1.89 0.00	32.65 1.84 0.00	30.14 1.80 0.00	27.33 1.63 0.00	25.49 1.49 0.00	23.93 1.41 0.00	26.93 1.70 0.00	28.72 1.84 0.00	49.57 3.00 0.00	53.30 3.23 0.00	38.67 2.16 0.00	37.88 2.12 0.00	39.43 2.11 0.00	37.09 1.89 0.00	43.20 1.98 0.00	35.91 1.65 0.00	31.37 1.49 0.00
ROSETON___2 23588	18.50 0.90 0.00	20.44 1.08 0.00	20.99 1.15 0.00	22.26 1.20 0.00	22.40 1.19 0.00	19.32 0.98 0.00	25.41 1.32 0.00	34.67 1.89 0.00	32.65 1.84 0.00	30.14 1.80 0.00	27.33 1.63 0.00	25.49 1.49 0.00	23.93 1.41 0.00	26.93 1.70 0.00	28.72 1.84 0.00	49.57 3.00 0.00	53.30 3.23 0.00	38.67 2.16 0.00	37.88 2.12 0.00	39.43 2.11 0.00	37.09 1.89 0.00	43.20 1.98 0.00	35.91 1.65 0.00	31.37 1.49 0.00
ROTRRDAM_115KV_TB3 80664	18.22 0.63 0.00	20.11 0.75 0.00	20.66 0.82 0.00	21.94 0.88 0.00	22.08 0.87 0.00	19.05 0.72 0.00	25.08 0.99 0.00	34.24 1.46 0.00	32.13 1.32 0.00	29.42 1.08 0.00	26.54 0.85 0.00	24.72 0.72 0.00	23.19 0.66 0.00	26.03 0.80 0.00	27.76 0.88 0.00	48.20 1.63 0.00	52.03 1.96 0.00	37.91 1.40 0.00	37.19 1.42 0.00	38.79 1.47 0.00	36.57 1.38 0.00	42.73 1.51 0.00	35.48 1.21 0.00	30.95 1.07 0.00
RUSSELL___1 23602	17.01 -0.58 0.00	18.61 -0.75 0.00	19.01 -0.84 0.00	20.13 -0.93 0.00	20.39 -0.82 0.00	17.69 -0.65 0.00	23.28 -0.81 0.00	31.60 -1.18 0.00	29.81 -1.00 0.00	27.53 -0.81 0.00	25.11 -0.58 0.00	23.63 -0.37 0.00	22.14 -0.39 0.00	24.70 -0.53 0.00	26.25 -0.63 0.00	45.43 -1.14 0.00	48.65 -1.43 0.00	35.46 -1.06 0.00	34.75 -1.02 0.00	36.44 -0.88 0.00	34.18 -1.01 0.00	39.33 -1.42 0.48	33.18 -1.08 0.00	29.05 -0.83 0.00
RUSSELL___2 23532	17.01 -0.58 0.00	18.61 -0.75 0.00	19.01 -0.84 0.00	20.13 -0.93 0.00	20.39 -0.82 0.00	17.69 -0.65 0.00	23.28 -0.81 0.00	31.60 -1.18 0.00	29.81 -1.00 0.00	27.53 -0.81 0.00	25.11 -0.58 0.00	23.63 -0.37 0.00	22.14 -0.39 0.00	24.70 -0.53 0.00	26.25 -0.63 0.00	45.43 -1.14 0.00	48.65 -1.43 0.00	35.46 -1.06 0.00	34.75 -1.02 0.00	36.44 -0.88 0.00	34.18 -1.01 0.00	39.33 -1.42 0.48	33.18 -1.08 0.00	29.05 -0.83 0.00
RUSSELL___3 23549	17.01 -0.58 0.00	18.61 -0.75 0.00	19.01 -0.84 0.00	20.13 -0.93 0.00	20.39 -0.82 0.00	17.69 -0.65 0.00	23.28 -0.81 0.00	31.60 -1.18 0.00	29.81 -1.00 0.00	27.53 -0.81 0.00	25.11 -0.58 0.00	23.63 -0.37 0.00	22.14 -0.39 0.00	24.70 -0.53 0.00	26.25 -0.63 0.00	45.43 -1.14 0.00	48.65 -1.43 0.00	35.46 -1.06 0.00	34.75 -1.02 0.00	36.44 -0.88 0.00	34.18 -1.01 0.00	39.33 -1.42 0.48	33.18 -1.08 0.00	29.05 -0.83 0.00
RUSSELL___4 23556	17.01 -0.58 0.00	18.61 -0.75 0.00	19.01 -0.84 0.00	20.13 -0.93 0.00	20.39 -0.82 0.00	17.69 -0.65 0.00	23.28 -0.81 0.00	31.60 -1.18 0.00	29.81 -1.00 0.00	27.53 -0.81 0.00	25.11 -0.58 0.00	23.63 -0.37 0.00	22.14 -0.39 0.00	24.70 -0.53 0.00	26.25 -0.63 0.00	45.43 -1.14 0.00	48.65 -1.43 0.00	35.46 -1.06 0.00	34.75 -1.02 0.00	36.44 -0.88 0.00	34.18 -1.01 0.00	39.33 -1.42 0.48	33.18 -1.08 0.00	29.05 -0.83 0.00
RUSSELL___STATION 23914	17.01 -0.58 0.00	18.61 -0.75 0.00	19.01 -0.84 0.00	20.13 -0.93 0.00	20.39 -0.82 0.00	17.69 -0.65 0.00	23.28 -0.81 0.00	31.60 -1.18 0.00	29.81 -1.00 0.00	27.53 -0.81 0.00	25.11 -0.58 0.00	23.63 -0.37 0.00	22.14 -0.39 0.00	24.70 -0.53 0.00	26.25 -0.63 0.00	45.43 -1.14 0.00	48.65 -1.43 0.00	35.46 -1.06 0.00	34.75 -1.02 0.00	36.44 -0.88 0.00	34.18 -1.01 0.00	39.33 -1.42 0.48	33.18 -1.08 0.00	29.05 -0.83 0.00
S SALMON___HYD 24043	17.21 -0.39 0.00	18.80 -0.55 0.00	19.23 -0.61 0.00	20.45 -0.61 0.00	20.53 -0.68 0.00	17.80 -0.53 0.00	23.35 -0.74 0.00	31.76 -1.02 0.00	29.82 -1.00 0.00	27.25 -1.09 0.00	24.75 -0.94 0.00	23.19 -0.82 0.00	21.81 -0.71 0.00	24.37 -0.86 0.00	25.96 -0.92 0.00	45.30 -1.27 0.00	48.87 -1.20 0.00	35.72 -0.79 0.00	34.97 -0.79 0.00	36.37 -0.94 0.00	34.31 -0.88 0.00	40.52 -0.87 -0.17	33.63 -0.63 0.00	29.22 -0.65 0.00
S.PERRY__115KV_TB1 80734	17.16 -0.43 0.00	22.18 -0.58 -3.40	19.69 -0.67 -0.51	21.01 -0.75 -0.70	20.62 -0.59 0.00	18.03 -0.44 -0.14	28.10 -0.44 -4.45	44.13 -0.52 -11.88	30.43 -0.39 0.00	27.71 -0.63 0.00	25.30 -0.40 0.00	23.68 -0.33 0.00	22.19 -0.34 0.00	24.83 -0.40 0.00	36.78 -0.64 -10.54	59.77 -0.88 -14.07	97.13 -0.57 -47.62	55.27 -0.40 -19.16	59.00 -0.18 -23.42	45.98 0.15 -8.50	40.77 -0.31 -5.88	43.33 -0.45 -2.56	34.65 -0.40 -0.78	29.68 -0.20 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.43 -1.17 0.00	16.93 -1.41 1.01	18.12 -1.57 0.15	19.13 -1.72 0.21	19.66 -1.55 0.00	17.00 -1.30 0.04	21.09 -1.67 1.33	26.76 -2.48 3.54	28.66 -2.15 0.00	26.66 -1.68 0.00	24.48 -1.21 0.00	23.12 -0.88 0.00	21.62 -0.90 0.00	24.03 -1.20 0.00	22.33 -1.41 3.14	39.64 -2.73 4.19	32.64 -3.25 14.19	28.35 -2.45 5.71	26.43 -2.36 6.98	32.62 -2.17 2.54	31.20 -2.25 1.75	37.14 -2.79 1.30	31.98 -2.05 0.23	28.37 -1.51 0.00

SAWYER___23_KV_LOAD 55526	16.43 -1.17 0.00	16.93 -1.41 1.01	18.12 -1.57 0.15	19.13 -1.72 0.21	19.66 -1.55 0.00	17.00 -1.30 0.04	21.09 -1.67 1.33	26.76 -2.48 3.54	28.66 -2.15 0.00	26.66 -1.68 0.00	24.48 -1.21 0.00	23.12 -0.88 0.00	21.62 -0.90 0.00	24.03 -1.20 0.00	22.33 -1.41 3.14	39.64 -2.73 4.19	32.64 -3.25 14.19	28.35 -2.45 5.71	26.43 -2.36 6.98	32.62 -2.17 2.54	31.20 -2.25 1.75	37.14 -2.79 1.30	31.98 -2.05 0.23	28.37 -1.51 0.00
SELKIRK___I 23801	18.18 0.58 0.00	20.09 0.74 0.00	20.69 0.84 0.00	21.97 0.90 0.00	22.08 0.87 0.00	19.03 0.70 0.00	25.06 0.97 0.00	34.19 1.42 0.00	32.08 1.27 0.00	29.33 0.99 0.00	26.44 0.74 0.00	24.69 0.69 0.00	23.17 0.65 0.00	26.00 0.78 0.00	27.75 0.87 0.00	48.04 1.47 0.00	51.78 1.70 0.00	37.75 1.24 0.00	37.04 1.27 0.00	38.61 1.29 0.00	36.43 1.23 0.00	42.52 1.30 0.00	35.32 1.05 0.00	30.83 0.95 0.00
SELKIRK___II 23799	18.10 0.50 0.00	20.00 0.65 0.00	20.60 0.75 0.00	21.88 0.82 0.00	21.98 0.77 0.00	18.96 0.62 0.00	24.98 0.89 0.00	34.09 1.31 0.00	32.01 1.20 0.00	29.35 1.01 0.00	26.46 0.77 0.00	24.64 0.64 0.00	23.09 0.57 0.00	25.90 0.67 0.00	27.65 0.77 0.00	47.87 1.30 0.00	51.62 1.55 0.00	37.65 1.13 0.00	36.96 1.19 0.00	38.54 1.22 0.00	36.36 1.17 0.00	42.45 1.23 0.00	35.22 0.96 0.00	30.72 0.84 0.00
SENECA OSWGO___HYD 24041	17.11 -0.48 0.00	18.80 -0.55 0.00	19.34 -0.51 0.00	20.58 -0.48 0.00	20.60 -0.61 0.00	17.85 -0.49 0.00	23.40 -0.69 0.00	31.76 -1.02 0.00	29.84 -0.97 0.00	27.36 -0.98 0.00	24.81 -0.88 0.00	23.18 -0.82 0.00	21.79 -0.74 0.00	24.39 -0.84 0.00	26.02 -0.86 0.00	45.15 -1.43 0.00	48.59 -1.49 0.00	35.45 -1.07 0.00	34.75 -1.01 0.00	36.27 -1.05 0.00	34.13 -1.06 0.00	40.23 -1.34 -0.34	33.13 -1.13 0.00	28.93 -0.94 0.00
SENECA___115KV_TB3 355854	16.58 -1.02 0.00	17.08 -1.22 1.06	18.30 -1.38 0.16	19.32 -1.52 0.22	19.86 -1.35 0.00	17.17 -1.12 0.04	21.28 -1.42 1.39	26.96 -2.12 3.70	29.00 -1.81 0.00	26.98 -1.37 0.00	24.78 -0.92 0.00	23.37 -0.63 0.00	21.85 -0.67 0.00	24.35 -0.88 0.00	22.51 -1.09 3.28	40.09 -2.10 4.38	32.73 -2.52 14.82	28.55 -2.00 5.96	26.61 -1.86 7.29	33.04 -1.64 2.65	31.59 -1.77 1.83	37.71 -2.19 1.33	32.41 -1.61 0.24	28.75 -1.13 0.00
SENECA___ENERGY 23797	17.17 -0.43 0.00	19.10 -0.47 -0.22	19.41 -0.46 -0.03	20.52 -0.58 -0.05	20.57 -0.64 0.00	17.86 -0.49 -0.01	23.77 -0.60 -0.28	32.65 -0.86 -0.74	30.03 -0.78 0.00	27.54 -0.80 0.00	24.96 -0.73 0.00	23.37 -0.63 0.00	21.92 -0.60 0.00	24.66 -0.57 0.00	26.96 -0.58 -0.65	46.48 -0.96 -0.87	51.99 -1.04 -2.95	36.92 -0.78 -1.19	36.53 -0.69 -1.45	37.25 -0.59 -0.53	34.78 -0.78 -0.36	40.19 -1.14 -0.11	33.40 -0.91 -0.05	29.17 -0.70 0.00
SHOEMAKER___GT 23640	18.42 0.82 0.00	20.34 0.99 0.00	20.89 1.04 0.00	22.15 1.09 0.00	22.29 1.08 0.00	19.23 0.90 0.00	25.30 1.21 0.00	34.51 1.73 0.00	32.46 1.65 0.00	29.91 1.57 0.00	27.10 1.41 0.00	25.27 1.27 0.00	23.73 1.20 0.00	26.72 1.49 0.00	28.49 1.61 0.00	49.26 2.69 0.00	52.98 2.90 0.00	38.49 1.98 0.00	37.76 1.99 0.00	39.32 2.00 0.00	36.96 1.77 0.00	43.08 1.86 0.00	35.80 1.54 0.00	31.27 1.39 0.00
SHOEMAKR_138KV_BK 111 55601	18.41 0.81 0.00	20.33 0.98 0.00	20.88 1.04 0.00	22.14 1.08 0.00	22.29 1.08 0.00	19.23 0.89 0.00	25.28 1.19 0.00	34.49 1.71 0.00	32.45 1.63 0.00	29.92 1.58 0.00	27.12 1.42 0.00	25.29 1.28 0.00	23.74 1.22 0.00	26.74 1.51 0.00	28.51 1.63 0.00	49.31 2.74 0.00	53.01 2.94 0.00	38.50 1.98 0.00	37.74 1.98 0.00	39.29 1.98 0.00	36.94 1.74 0.00	43.06 1.84 0.00	35.78 1.52 0.00	31.26 1.38 0.00
SHOREHAM_IC_1 23715	18.80 1.21 0.00	20.73 1.38 0.00	21.59 1.75 0.00	22.86 1.80 0.00	23.05 1.84 0.00	19.74 1.41 0.00	25.91 1.82 0.00	35.23 2.46 0.00	33.05 2.24 0.00	30.73 2.39 0.00	28.19 2.50 0.00	26.32 2.31 0.00	24.72 2.19 0.00	27.52 2.29 0.00	26.36 2.15 2.67	40.84 3.29 9.02	12.78 2.36 39.65	17.10 1.62 21.03	36.22 2.39 1.93	31.09 2.08 8.30	33.27 1.90 3.83	34.18 1.91 8.96	30.08 1.69 5.87	30.58 1.65 0.95
SHOREHAM_IC_2 23716	18.80 1.21 0.00	20.73 1.38 0.00	21.59 1.75 0.00	22.86 1.80 0.00	23.05 1.84 0.00	19.74 1.41 0.00	25.91 1.82 0.00	35.23 2.46 0.00	33.05 2.24 0.00	30.73 2.39 0.00	28.19 2.50 0.00	26.32 2.31 0.00	24.72 2.19 0.00	27.52 2.29 0.00	26.36 2.15 2.67	40.84 3.29 9.02	12.78 2.36 39.65	17.10 1.62 21.03	36.22 2.39 1.93	31.09 2.08 8.30	33.27 1.90 3.83	34.18 1.91 8.96	30.08 1.69 5.87	30.58 1.65 0.95
SISSONVILLE___ 23735	17.88 0.29 0.00	19.49 0.13 0.00	23.27 -0.02 -3.44	27.22 0.00 -6.16	27.47 0.08 -6.18	24.22 0.12 -5.77	30.98 0.27 -6.62	41.09 0.43 -7.89	38.79 0.37 -7.61	35.94 0.35 -7.24	32.90 0.35 -6.86	30.98 0.36 -6.62	29.27 0.35 -6.40	32.19 0.19 -6.78	32.03 0.06 -5.09	50.81 0.44 -3.80	60.25 0.59 -9.59	38.59 0.76 -1.32	36.38 0.61 0.00	40.81 0.68 -2.82	36.09 0.90 0.00	42.64 1.41 0.00	35.42 1.16 0.00	30.61 0.73 0.00
SITHE_IND_GS1 24169	16.98 -0.61 0.00	18.66 -0.69 0.00	19.13 -0.72 0.00	20.29 -0.77 0.00	20.44 -0.77 0.00	17.70 -0.63 0.00	23.19 -0.91 0.00	31.42 -1.36 0.00	29.52 -1.29 0.00	27.13 -1.22 0.00	24.60 -1.09 0.00	23.01 -0.99 0.00	21.61 -0.92 0.00	24.18 -1.05 0.00	25.78 -1.10 0.00	44.66 -1.92 0.00	48.01 -2.07 0.00	35.04 -1.48 0.00	34.34 -1.42 0.00	35.84 -1.48 0.00	33.74 -1.45 0.00	36.39 -1.45 3.05	32.80 -1.78 0.00	28.65 -1.23 0.00
SITHE_IND_GS2 24170	16.98 -0.61 0.00	18.66 -0.69 0.00	19.13 -0.72 0.00	20.29 -0.77 0.00	20.44 -0.77 0.00	17.70 -0.63 0.00	23.19 -0.91 0.00	31.42 -1.36 0.00	29.52 -1.29 0.00	27.13 -1.22 0.00	24.60 -1.09 0.00	23.01 -0.99 0.00	21.61 -0.92 0.00	24.18 -1.05 0.00	25.78 -1.10 0.00	44.66 -1.92 0.00	48.01 -2.07 0.00	35.04 -1.48 0.00	34.34 -1.42 0.00	35.84 -1.48 0.00	33.74 -1.45 0.00	36.39 -1.45 3.05	32.80 -1.78 0.00	28.65 -1.23 0.00
SITHE_IND_GS3 24171	16.98 -0.61 0.00	18.66 -0.69 0.00	19.13 -0.72 0.00	20.29 -0.77 0.00	20.44 -0.77 0.00	17.70 -0.63 0.00	23.19 -0.91 0.00	31.42 -1.36 0.00	29.52 -1.29 0.00	27.13 -1.22 0.00	24.60 -1.09 0.00	23.01 -0.99 0.00	21.61 -0.92 0.00	24.18 -1.05 0.00	25.78 -1.10 0.00	44.66 -1.92 0.00	48.01 -2.07 0.00	35.04 -1.48 0.00	34.34 -1.42 0.00	35.84 -1.48 0.00	33.74 -1.45 0.00	36.39 -1.78 3.05	32.80 -1.46 0.00	28.65 -1.23 0.00
SITHE_IND_GS4 24172	16.98 -0.61 0.00	18.66 -0.69 0.00	19.13 -0.72 0.00	20.29 -0.77 0.00	20.44 -0.77 0.00	17.70 -0.63 0.00	23.19 -0.91 0.00	31.42 -1.36 0.00	29.52 -1.29 0.00	27.13 -1.22 0.00	24.60 -1.09 0.00	23.01 -0.99 0.00	21.61 -0.92 0.00	24.18 -1.05 0.00	25.78 -1.10 0.00	44.66 -1.92 0.00	48.01 -2.07 0.00	35.04 -1.48 0.00	34.34 -1.42 0.00	35.84 -1.48 0.00	33.74 -1.45 0.00	36.39 -1.78 3.05	32.80 -1.46 0.00	28.65 -1.23 0.00

SITHE___BATAVIA 24024	16.91 -0.68 0.00	17.95 -0.87 0.53	18.74 -1.03 0.08	19.81 -1.14 0.11	20.24 -0.97 0.00	17.56 -0.75 0.02	22.50 -0.89 0.70	29.65 -1.25 1.87	29.71 -1.10 0.00	27.43 -0.91 0.00	25.02 -0.68 0.00	23.61 -0.40 0.00	22.08 -0.45 0.00	24.52 -0.71 0.00	24.43 -0.79 1.66	42.96 -1.40 2.22	41.12 -1.45 7.50	32.37 -1.13 3.02	31.06 -1.02 3.69	35.06 -0.92 1.34	33.19 -1.08 0.93	38.72 -1.59 0.91	32.99 -1.14 0.12	29.05 -0.83 0.00
SITHE___INDEPEND 23800	16.98 -0.61 0.00	18.66 -0.69 0.00	19.13 -0.72 0.00	20.29 -0.78 0.00	20.44 -0.77 0.00	17.70 -0.63 0.00	23.19 -0.90 0.00	31.42 -1.36 0.00	29.52 -1.29 0.00	27.13 -1.22 0.00	24.60 -1.09 0.00	23.01 -0.99 0.00	21.61 -0.91 0.00	24.18 -1.05 0.00	25.78 -1.10 0.00	44.65 -1.92 0.00	48.00 -2.07 0.00	35.04 -1.48 0.00	34.34 -1.42 0.00	35.84 -1.48 0.00	33.75 -1.45 0.00	36.39 -1.78 3.05	32.79 -1.46 0.00	28.65 -1.23 0.00
SITHE___MASSENA 23902	17.82 0.22 0.00	19.48 0.13 0.00	20.64 0.04 -0.75	22.46 0.04 -1.35	22.67 0.11 -1.35	19.72 0.12 -1.26	25.77 0.23 -1.45	34.83 0.32 -1.73	32.80 0.32 -1.67	30.29 0.36 -1.58	27.56 0.36 -1.50	25.83 0.38 -1.45	24.27 0.35 -1.40	26.91 0.20 -1.48	28.10 0.11 -1.12	47.74 0.33 -0.83	52.53 0.36 -2.10	37.33 0.53 -0.29	36.16 0.40 0.00	38.43 0.49 -0.62	35.87 0.68 0.00	42.29 1.07 0.00	35.15 0.89 0.00	30.45 0.57 0.00
SITHE___OGDNSBRG 24021	18.15 0.56 0.00	19.81 0.46 0.00	22.59 0.35 -2.40	25.73 0.37 -4.29	25.99 0.48 -4.31	22.83 0.47 -4.02	29.48 0.77 -4.61	39.36 1.09 -5.49	37.07 0.96 -5.30	34.26 0.88 -5.05	31.19 0.72 -4.78	29.33 0.72 -4.61	27.70 0.72 -4.46	30.50 0.56 -4.72	30.79 0.37 -3.55	50.46 1.24 -2.65	58.21 1.46 -6.68	38.86 1.43 -0.92	37.07 1.31 0.00	40.74 1.46 -1.96	36.77 1.57 0.00	43.32 2.10 0.00	35.99 1.72 0.00	31.07 1.19 0.00
SITHE___STERLING 23777	17.85 0.26 0.00	19.58 0.23 0.00	20.05 0.21 0.00	21.28 0.21 0.00	21.45 0.24 0.00	18.63 0.29 0.00	24.53 0.43 0.00	33.40 0.63 0.00	31.34 0.52 0.00	28.62 0.28 0.00	25.88 0.19 0.00	24.15 0.15 0.00	22.65 0.13 0.00	25.47 0.24 0.00	27.30 0.42 0.00	47.32 0.75 0.00	51.15 1.08 0.00	37.36 0.85 0.00	36.61 0.85 0.00	38.16 0.84 0.00	35.94 0.75 0.00	41.98 0.84 0.08	34.86 0.60 0.00	30.34 0.46 0.00
SLEIGHT__34_KV_TB1 80719	16.89 -0.71 0.00	18.46 -0.89 0.00	18.88 -0.96 0.00	20.00 -1.06 0.00	20.25 -0.96 0.00	17.58 -0.76 0.00	23.16 -0.93 0.00	31.45 -1.33 0.00	29.63 -1.18 0.00	27.32 -1.02 0.00	24.90 -0.79 0.00	23.41 -0.59 0.00	21.92 -0.60 0.00	24.50 -0.72 0.00	26.04 -0.84 0.00	45.13 -1.44 0.00	48.37 -1.71 0.00	35.27 -1.24 0.00	34.60 -1.17 0.00	36.22 -1.10 0.00	33.95 -1.24 0.00	39.08 -1.65 0.48	32.91 -1.35 0.00	28.78 -1.11 0.00
SOUTH CAIRO___GT 23612	18.48 0.88 0.00	20.41 1.06 0.00	21.02 1.17 0.00	22.32 1.26 0.00	22.43 1.22 0.00	19.38 1.05 0.00	25.66 1.57 0.00	35.13 2.35 0.00	32.91 2.10 0.00	29.87 1.53 0.00	26.63 0.93 0.00	24.64 0.64 0.00	23.06 0.54 0.00	25.85 0.61 0.00	27.61 0.73 0.00	48.07 1.51 0.00	52.27 2.20 0.00	38.76 2.24 0.00	38.35 2.59 0.00	40.05 2.73 0.00	37.71 2.52 0.00	43.92 2.70 0.00	36.28 2.02 0.00	31.52 1.64 0.00
SOUTH HAMPTN___IC 23720	18.98 1.39 0.00	20.93 1.58 0.00	21.78 1.93 0.00	23.05 1.99 0.00	23.24 2.03 0.00	19.92 1.59 0.00	26.17 2.08 0.00	35.57 2.80 0.00	33.37 2.55 0.00	31.03 2.69 0.00	28.45 2.76 0.00	26.58 2.58 0.00	24.95 2.42 0.00	27.81 2.58 0.00	26.67 2.46 2.67	41.37 3.83 9.03	13.52 3.14 39.70	17.62 2.16 21.05	36.64 2.81 1.93	31.54 2.54 8.31	33.67 2.31 3.83	34.63 2.38 8.97	30.44 2.05 5.87	30.87 1.94 0.95
SOUTHDOW_115KV_TB1 355954	16.73 -0.87 0.00	17.76 -0.98 0.61	18.56 -1.20 0.09	19.78 -1.32 -0.03	20.16 -1.05 0.00	17.47 -0.84 0.02	22.34 -0.95 0.80	29.35 -1.30 2.13	29.86 -0.95 0.00	27.83 -0.51 0.00	25.57 -0.12 0.00	24.08 0.08 0.00	22.54 0.02 0.00	25.24 0.01 0.00	24.82 -0.15 1.90	43.46 -0.57 2.54	40.59 -0.89 8.60	32.06 -0.99 3.46	30.97 -0.56 4.23	35.42 -0.37 1.54	33.54 -0.59 1.06	39.80 -0.50 0.92	33.55 -0.57 0.14	29.63 -0.24 0.00
SOUTHOLD_69_KV_BK 2 55809	19.21 1.62 0.00	21.18 1.83 0.00	22.01 2.17 0.00	23.30 2.24 0.00	23.52 2.31 0.00	20.17 1.83 0.00	26.51 2.42 0.00	36.08 3.30 0.00	33.82 3.01 0.00	31.44 3.10 0.00	28.81 3.12 0.00	26.91 2.90 0.00	25.24 2.72 0.00	28.17 2.94 0.00	27.06 2.86 2.67	42.12 4.58 9.03	14.35 3.97 39.70	18.26 2.80 21.05	37.27 3.43 1.93	32.20 3.20 8.31	34.26 2.90 3.83	35.28 3.02 8.97	30.93 2.55 5.87	31.28 2.35 0.95
SOUTHOLD___IC 23719	19.21 1.61 0.00	21.18 1.83 0.00	22.01 2.17 0.00	23.30 2.24 0.00	23.52 2.31 0.00	20.17 1.83 0.00	26.53 2.43 0.00	36.08 3.30 0.00	33.82 3.01 0.00	31.44 3.10 0.00	28.81 3.12 0.00	26.90 2.90 0.00	25.25 2.73 0.00	28.17 2.94 0.00	27.06 2.85 2.67	42.10 4.55 9.03	14.35 3.97 39.70	18.25 2.79 21.05	37.27 3.43 1.93	32.20 3.19 8.31	34.26 2.90 3.83	35.28 3.02 8.97	30.93 2.54 5.87	31.27 2.34 0.95
SOUTH_FORK_WT_PWR 323839	19.24 1.65 0.00	21.22 1.86 0.00	22.06 2.21 0.00	23.35 2.29 0.00	23.57 2.36 0.00	20.22 1.88 0.00	26.58 2.49 0.00	36.14 3.37 0.00	33.89 3.07 0.00	31.50 3.16 0.00	28.87 3.18 0.00	26.96 2.96 0.00	25.30 2.78 0.00	28.24 3.00 0.00	27.14 2.93 2.67	42.20 4.66 9.03	14.46 4.08 39.70	18.32 2.86 21.05	37.35 3.52 1.93	32.28 3.27 8.31	34.33 2.97 3.83	35.36 3.11 8.97	31.01 2.62 5.87	31.33 2.40 0.95
SPIERFLS_115KV_TB 1 80737	18.40 0.81 0.00	20.32 0.97 0.00	20.89 1.05 0.00	22.19 1.13 0.00	22.38 1.17 0.00	19.30 0.96 0.00	25.51 1.42 0.00	34.90 2.12 0.00	32.70 1.89 0.00	29.98 1.64 0.00	26.86 1.17 0.00	24.91 0.90 0.00	23.38 0.85 0.00	26.26 1.03 0.00	27.83 0.95 0.00	48.51 1.94 0.00	52.53 2.45 0.00	38.25 1.74 0.00	37.55 1.79 0.00	39.37 2.05 0.00	37.06 1.87 0.00	43.36 2.14 0.00	35.95 1.69 0.00	31.34 1.46 0.00
ST LAWRENCE____ 23600	17.61 0.01 0.00	19.26 -0.09 0.00	19.67 -0.17 0.00	20.88 -0.18 0.00	21.07 -0.13 0.00	18.24 -0.10 0.00	24.02 -0.08 0.00	32.69 -0.09 0.00	30.76 -0.06 0.00	28.35 0.02 0.00	25.75 0.06 0.00	24.09 0.09 0.00	22.59 0.07 0.00	25.14 -0.09 0.00	26.70 -0.18 0.00	46.34 -0.23 0.00	49.78 -0.29 0.00	36.54 0.03 0.00	35.70 -0.07 0.00	37.29 -0.02 0.00	35.39 0.20 0.00	41.71 0.48 0.00	34.67 0.40 0.00	30.07 0.19 0.00
STATE_CA_115KV_115_LB 55624	18.13 0.53 0.00	20.03 0.68 0.00	20.63 0.79 0.00	21.90 0.84 0.00	22.01 0.80 0.00	18.98 0.65 0.00	25.03 0.94 0.00	34.18 1.40 0.00	32.09 1.28 0.00	29.44 1.10 0.00	26.55 0.86 0.00	24.73 0.72 0.00	23.18 0.65 0.00	26.00 0.77 0.00	27.76 0.88 0.00	48.10 1.53 0.00	51.88 1.81 0.00	37.79 1.28 0.00	37.08 1.31 0.00	38.64 1.32 0.00	36.46 1.26 0.00	42.55 1.33 0.00	35.28 1.02 0.00	30.77 0.89 0.00

STATE_ST_34_KV_LOAD 55959	17.47 -0.12 0.00	19.26 -0.10 0.00	19.81 -0.03 0.00	20.86 -0.20 0.00	20.89 -0.32 0.00	18.18 -0.16 0.00	23.90 -0.19 0.00	32.41 -0.37 0.00	30.42 -0.40 0.00	27.73 -0.61 0.00	25.13 -0.57 0.00	23.51 -0.49 0.00	22.19 -0.34 0.00	24.79 -0.44 0.00	26.57 -0.31 0.00	46.13 -0.44 0.00	49.71 -0.36 0.00	36.21 -0.30 0.00	35.50 -0.26 0.00	37.09 -0.23 0.00	34.83 -0.37 0.00	40.52 -0.71 0.00	33.78 -0.48 0.00	29.54 -0.34 0.00
STATION_5_MISC_HYD 23604	16.94 -0.65 0.00	18.53 -0.82 0.00	18.94 -0.91 0.00	20.05 -1.02 0.00	20.31 -0.90 0.00	17.62 -0.72 0.00	23.16 -0.93 0.00	31.46 -1.32 0.00	29.68 -1.14 0.00	27.40 -0.95 0.00	25.00 -0.70 0.00	23.51 -0.49 0.00	22.03 -0.50 0.00	24.58 -0.65 0.00	26.11 -0.76 0.00	45.16 -1.41 0.00	48.41 -1.67 0.00	35.28 -1.23 0.00	34.58 -1.19 0.00	36.22 -1.10 0.00	34.00 -1.20 0.00	39.14 -1.61 0.48	33.03 -1.24 0.00	28.92 -0.95 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.17 -0.43 0.00	18.82 -0.54 0.00	19.26 -0.59 0.00	20.38 -0.68 0.00	20.59 -0.62 0.00	17.87 -0.47 0.00	23.54 -0.56 0.00	31.96 -0.82 0.00	30.12 -0.70 0.00	27.74 -0.60 0.00	25.23 -0.46 0.00	23.68 -0.32 0.00	22.19 -0.33 0.00	24.85 -0.38 0.00	26.42 -0.46 0.00	45.81 -0.76 0.00	49.14 -0.93 0.00	35.85 -0.66 0.00	35.15 -0.61 0.00	36.82 -0.49 0.00	34.53 -0.67 0.00	39.86 -1.01 0.36	33.47 -0.79 0.00	29.25 -0.63 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	16.88 -0.71 0.00	18.46 -0.89 0.00	18.87 -0.98 0.00	19.98 -1.08 0.00	20.23 -0.98 0.00	17.55 -0.79 0.00	23.10 -0.99 0.00	31.34 -1.44 0.00	29.57 -1.24 0.00	27.30 -1.05 0.00	24.90 -0.79 0.00	23.42 -0.59 0.00	21.94 -0.58 0.00	24.47 -0.76 0.00	26.01 -0.87 0.00	45.02 -1.55 0.00	48.22 -1.86 0.00	35.16 -1.35 0.00	34.46 -1.31 0.00	36.11 -1.21 0.00	33.88 -1.32 0.00	39.00 -1.75 0.47	32.90 -1.36 0.00	28.79 -1.09 0.00
STA_56___34_KV_BUS2 355983	16.88 -0.71 0.00	18.46 -0.89 0.00	18.87 -0.98 0.00	19.98 -1.08 0.00	20.23 -0.98 0.00	17.55 -0.79 0.00	23.10 -0.99 0.00	31.34 -1.44 0.00	29.57 -1.24 0.00	27.30 -1.05 0.00	24.90 -0.79 0.00	23.42 -0.59 0.00	21.94 -0.58 0.00	24.47 -0.76 0.00	26.01 -0.87 0.00	45.02 -1.55 0.00	48.22 -1.86 0.00	35.16 -1.35 0.00	34.46 -1.31 0.00	36.11 -1.21 0.00	33.88 -1.32 0.00	39.00 -1.75 0.47	32.90 -1.36 0.00	28.79 -1.09 0.00
STA_67___115KV_BK2 355882	16.91 -0.68 0.00	18.49 -0.86 0.00	18.90 -0.95 0.00	20.01 -1.05 0.00	20.27 -0.94 0.00	17.58 -0.75 0.00	23.14 -0.96 0.00	31.37 -1.41 0.00	29.60 -1.21 0.00	27.33 -1.01 0.00	24.94 -0.75 0.00	23.46 -0.54 0.00	21.98 -0.54 0.00	24.52 -0.71 0.00	26.04 -0.84 0.00	45.07 -1.51 0.00	48.25 -1.83 0.00	35.18 -1.33 0.00	34.47 -1.30 0.00	36.14 -1.18 0.00	33.91 -1.29 0.00	39.05 -1.70 0.48	32.96 -1.31 0.00	28.86 -1.02 0.00
STA_7___115KV_9TRANS 80674	17.01 -0.58 0.00	18.61 -0.75 0.00	19.01 -0.84 0.00	20.13 -0.93 0.00	20.39 -0.82 0.00	17.69 -0.65 0.00	23.28 -0.81 0.00	31.60 -1.18 0.00	29.81 -1.00 0.00	27.53 -0.81 0.00	25.11 -0.58 0.00	23.63 -0.37 0.00	22.14 -0.39 0.00	24.70 -0.53 0.00	26.25 -0.63 0.00	45.43 -1.14 0.00	48.65 -1.43 0.00	35.46 -1.06 0.00	34.75 -1.02 0.00	36.44 -0.88 0.00	34.18 -1.01 0.00	39.33 -1.42 0.48	33.18 -1.08 0.00	29.05 -0.83 0.00
STA_82___115KV_TB1 80780	16.91 -0.68 0.00	18.50 -0.85 0.00	18.90 -0.94 0.00	20.02 -1.04 0.00	20.27 -0.94 0.00	17.58 -0.75 0.00	23.14 -0.95 0.00	31.38 -1.39 0.00	29.62 -1.20 0.00	27.34 -1.00 0.00	24.94 -0.75 0.00	23.47 -0.54 0.00	21.99 -0.54 0.00	24.52 -0.71 0.00	26.04 -0.84 0.00	45.07 -1.50 0.00	48.27 -1.80 0.00	35.19 -1.32 0.00	34.48 -1.29 0.00	36.15 -1.17 0.00	33.93 -1.27 0.00	39.06 -1.69 0.47	32.97 -1.30 0.00	28.87 -1.01 0.00
STEEL___WIND 323596	16.55 -1.05 0.00	17.04 -1.26 1.06	18.26 -1.42 0.16	19.28 -1.57 0.22	19.82 -1.39 0.00	17.14 -1.16 0.04	21.20 -1.50 1.39	26.92 -2.16 3.70	28.95 -1.87 0.00	26.91 -1.43 0.00	24.72 -0.98 0.00	23.31 -0.69 0.00	21.80 -0.73 0.00	24.29 -0.94 0.00	22.44 -1.16 3.28	39.95 -2.24 4.38	32.66 -2.59 14.82	28.50 -2.05 5.96	26.56 -1.91 7.29	32.97 -1.70 2.65	31.55 -1.81 1.83	37.67 -2.23 1.33	32.37 -1.65 0.24	28.73 -1.15 0.00
STEPHTWN_115KV_BK_2 55603	18.19 0.59 0.00	20.09 0.74 0.00	20.70 0.86 0.00	21.96 0.90 0.00	22.09 0.88 0.00	19.07 0.73 0.00	25.22 1.13 0.00	34.39 1.62 0.00	32.25 1.44 0.00	29.52 1.18 0.00	26.64 0.95 0.00	24.78 0.77 0.00	23.23 0.71 0.00	26.08 0.85 0.00	27.86 0.98 0.00	48.26 1.69 0.00	52.07 2.00 0.00	37.94 1.42 0.00	37.33 1.56 0.00	38.89 1.57 0.00	36.71 1.52 0.00	42.81 1.59 0.00	35.43 1.17 0.00	30.93 1.05 0.00
STEUBEN_REC_LFGE 323667	16.50 -1.10 0.00	20.31 -1.26 -2.23	18.77 -1.41 -0.34	20.03 -1.50 -0.46	19.86 -1.35 0.00	17.31 -1.11 -0.09	25.60 -1.40 -2.91	38.45 -2.10 -7.77	28.75 -2.07 0.00	26.93 -1.41 0.00	24.36 -1.33 0.00	22.53 -1.48 0.00	21.07 -1.45 0.00	24.12 -1.12 0.00	32.58 -1.19 -6.89	53.87 -1.91 -9.20	79.37 -1.84 -31.14	47.52 -1.53 -12.54	49.89 -1.19 -15.31	41.89 -0.99 -5.56	37.39 -1.65 -3.85	41.13 -1.73 -1.65	33.32 -1.46 -0.51	29.00 -0.88 0.00
STILLWATER___SOLAR 323814	18.48 0.88 0.00	20.40 1.05 0.00	20.97 1.13 0.00	22.27 1.21 0.00	22.44 1.23 0.00	19.35 1.02 0.00	25.52 1.43 0.00	34.87 2.09 0.00	32.71 1.89 0.00	29.92 1.58 0.00	26.88 1.19 0.00	24.99 0.98 0.00	23.42 0.90 0.00	26.30 1.06 0.00	28.02 1.14 0.00	48.73 2.16 0.00	52.75 2.68 0.00	38.46 1.95 0.00	37.74 1.98 0.00	39.44 2.12 0.00	37.18 1.99 0.00	43.43 2.21 0.00	36.02 1.76 0.00	31.40 1.52 0.00
STONY___BROOK 24151	18.84 1.25 0.00	20.78 1.43 0.00	21.50 1.65 0.00	22.76 1.70 0.00	22.93 1.72 0.00	19.61 1.27 0.00	25.70 1.61 0.00	34.96 2.18 0.00	32.81 2.00 0.00	30.59 2.25 0.00	28.13 2.44 0.00	26.28 2.28 0.00	24.68 2.15 0.00	27.42 2.19 0.00	26.22 2.01 2.66	40.62 3.05 9.00	13.39 2.88 39.56	17.40 1.87 20.98	35.85 2.01 1.93	30.86 1.83 8.28	33.06 1.68 3.82	34.02 1.73 8.94	29.98 1.57 5.85	30.51 1.57 0.95
STURGEON_POOL_HYD 23609	18.57 0.98 0.00	20.52 1.16 0.00	21.06 1.22 0.00	22.34 1.28 0.00	22.48 1.27 0.00	19.39 1.05 0.00	25.48 1.39 0.00	34.80 2.03 0.00	32.79 1.98 0.00	30.31 1.97 0.00	27.52 1.83 0.00	25.65 1.65 0.00	24.08 1.56 0.00	27.11 1.88 0.00	28.92 2.04 0.00	49.92 3.35 0.00	53.64 3.56 0.00	38.90 2.39 0.00	38.10 2.33 0.00	39.65 2.33 0.00	37.27 2.07 0.00	43.38 2.16 0.00	36.07 1.81 0.00	31.50 1.63 0.00
ST_LAW_115_BK7_LBMP 345037	17.61 0.02 0.00	19.27 -0.08 0.00	19.68 -0.17 0.00	20.89 -0.17 0.00	21.08 -0.12 0.00	18.25 -0.08 0.00	24.04 -0.05 0.00	32.72 -0.05 0.00	30.78 -0.03 0.00	28.39 0.05 0.00	25.78 0.09 0.00	24.12 0.11 0.00	22.62 0.09 0.00	25.15 -0.08 0.00	26.71 -0.17 0.00	46.37 -0.20 0.00	49.83 -0.24 0.00	36.58 0.06 0.00	35.72 -0.05 0.00	37.33 0.01 0.00	35.43 0.23 0.00	41.77 0.54 0.00	34.72 0.46 0.00	30.10 0.22 0.00

ST_LAW_115_BK8_LBMP 345038	17.61 0.02 0.00	19.27 -0.08 0.00	19.68 -0.17 0.00	20.89 -0.17 0.00	21.08 -0.12 0.00	18.25 -0.08 0.00	24.04 -0.05 0.00	32.72 -0.05 0.00	30.78 -0.03 0.00	28.39 0.05 0.00	25.78 0.09 0.00	24.12 0.11 0.00	22.62 0.09 0.00	25.15 -0.08 0.00	26.71 -0.17 0.00	46.37 -0.20 0.00	49.83 -0.24 0.00	36.58 0.06 0.00	35.72 -0.05 0.00	37.33 0.01 0.00	35.43 0.23 0.00	41.77 0.54 0.00	34.72 0.46 0.00	30.10 0.22 0.00
ST_LAW_230_BK5_LBMP 345035	17.61 0.01 0.00	19.26 -0.09 0.00	19.67 -0.17 0.00	20.88 -0.18 0.00	21.07 -0.13 0.00	18.24 -0.10 0.00	24.02 -0.08 0.00	32.69 -0.09 0.00	30.76 -0.06 0.00	28.35 0.02 0.00	25.75 0.06 0.00	24.09 0.09 0.00	22.59 0.07 0.00	25.14 -0.09 0.00	26.70 -0.18 0.00	46.34 -0.23 0.00	49.78 -0.29 0.00	36.54 0.03 0.00	35.70 -0.07 0.00	37.29 -0.02 0.00	35.39 0.20 0.00	41.71 0.48 0.00	34.67 0.40 0.00	30.07 0.19 0.00
ST_LAW_230_BK6_LBMP 345036	17.61 0.01 0.00	19.26 -0.09 0.00	19.67 -0.17 0.00	20.88 -0.18 0.00	21.07 -0.13 0.00	18.24 -0.10 0.00	24.02 -0.08 0.00	32.69 -0.09 0.00	30.76 -0.06 0.00	28.35 0.02 0.00	25.75 0.06 0.00	24.09 0.09 0.00	22.59 0.07 0.00	25.14 -0.09 0.00	26.70 -0.18 0.00	46.34 -0.23 0.00	49.78 -0.29 0.00	36.54 0.03 0.00	35.70 -0.07 0.00	37.29 -0.02 0.00	35.39 0.20 0.00	41.71 0.48 0.00	34.67 0.40 0.00	30.07 0.19 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.48 0.88 0.00	20.42 1.06 0.00	20.96 1.12 0.00	22.22 1.16 0.00	22.37 1.16 0.00	19.30 0.97 0.00	25.37 1.28 0.00	34.61 1.84 0.00	32.57 1.76 0.00	30.07 1.73 0.00	27.28 1.58 0.00	25.45 1.44 0.00	23.90 1.38 0.00	26.94 1.71 0.00	28.74 1.85 0.00	49.68 3.11 0.00	53.40 3.33 0.00	38.71 2.20 0.00	37.92 2.15 0.00	39.45 2.13 0.00	37.08 1.88 0.00	43.19 1.97 0.00	35.89 1.63 0.00	31.36 1.48 0.00
SWANROAD_115KV_TB1 355699	16.12 -1.47 0.00	16.82 -1.73 0.80	17.81 -1.91 0.12	18.82 -2.08 0.16	19.27 -1.94 0.00	16.68 -1.63 0.03	20.99 -2.05 1.06	26.91 -3.05 2.82	27.99 -2.82 0.00	26.04 -2.30 0.00	23.94 -1.75 0.00	22.64 -1.37 0.00	21.16 -1.36 0.00	23.43 -1.80 0.00	22.53 -1.85 2.50	39.62 -3.61 3.33	34.84 -3.95 11.28	28.92 -3.05 4.54	27.26 -2.95 5.55	32.33 -2.98 2.01	30.87 -2.94 1.39	36.32 -3.78 1.13	31.32 -2.76 0.19	27.74 -2.14 0.00
SYNERGY___BIOGAS 323694	16.91 -0.68 0.00	17.95 -0.87 0.53	18.74 -1.03 0.08	19.81 -1.14 0.11	20.24 -0.97 0.00	17.56 -0.75 0.02	22.50 -0.89 0.70	29.65 -1.25 1.87	29.71 -1.10 0.00	27.43 -0.91 0.00	25.02 -0.68 0.00	23.61 -0.40 0.00	22.08 -0.45 0.00	24.52 -0.71 0.00	24.43 -0.79 1.66	42.96 -1.40 2.22	41.12 -1.45 7.50	32.37 -1.13 3.02	31.06 -1.02 3.69	35.06 -0.92 1.34	33.19 -1.08 0.93	38.72 -1.59 0.91	32.99 -1.14 0.12	29.05 -0.83 0.00
SYRACUSE___ENERGY_ST1 323597	17.38 -0.21 0.00	19.09 -0.26 0.00	19.63 -0.21 0.00	20.79 -0.27 0.00	20.82 -0.39 0.00	18.05 -0.29 0.00	23.69 -0.40 0.00	32.13 -0.64 0.00	30.18 -0.63 0.00	27.66 -0.68 0.00	25.08 -0.61 0.00	23.46 -0.54 0.00	22.04 -0.48 0.00	24.69 -0.54 0.00	26.34 -0.54 0.00	45.69 -0.88 0.00	49.19 -0.88 0.00	35.89 -0.62 0.00	35.19 -0.57 0.00	36.73 -0.59 0.00	34.54 -0.66 0.00	40.36 -0.86 0.00	33.54 -0.72 0.00	29.29 -0.59 0.00
SYRACUSE___ENERGY_ST2 323598	17.38 -0.21 0.00	19.09 -0.26 0.00	19.63 -0.21 0.00	20.79 -0.27 0.00	20.82 -0.39 0.00	18.05 -0.29 0.00	23.69 -0.40 0.00	32.13 -0.64 0.00	30.18 -0.63 0.00	27.66 -0.68 0.00	25.08 -0.61 0.00	23.46 -0.54 0.00	22.04 -0.48 0.00	24.69 -0.54 0.00	26.34 -0.54 0.00	45.69 -0.88 0.00	49.19 -0.88 0.00	35.89 -0.62 0.00	35.19 -0.57 0.00	36.73 -0.59 0.00	34.54 -0.66 0.00	40.36 -0.86 0.00	33.54 -0.72 0.00	29.29 -0.59 0.00
SYRACUSE___POWER 24017	17.36 -0.23 0.00	19.06 -0.30 0.00	19.53 -0.31 0.00	20.70 -0.36 0.00	20.81 -0.40 0.00	18.04 -0.30 0.00	23.68 -0.41 0.00	32.15 -0.63 0.00	30.19 -0.62 0.00	27.69 -0.65 0.00	25.10 -0.59 0.00	23.48 -0.53 0.00	22.05 -0.47 0.00	24.71 -0.51 0.00	26.37 -0.51 0.00	45.70 -0.88 0.00	49.17 -0.90 0.00	35.88 -0.63 0.00	35.19 -0.57 0.00	36.72 -0.60 0.00	34.55 -0.64 0.00	40.29 -0.82 0.11	33.54 -0.72 0.00	29.28 -0.60 0.00
TALLMAN___138KV_BK151 55660	18.51 0.91 0.00	20.46 1.10 0.00	21.00 1.16 0.00	22.25 1.19 0.00	22.41 1.20 0.00	19.33 1.00 0.00	25.40 1.31 0.00	34.65 1.87 0.00	32.60 1.79 0.00	30.13 1.79 0.00	27.37 1.68 0.00	25.53 1.53 0.00	24.00 1.48 0.00	27.08 1.85 0.00	28.89 2.01 0.00	49.92 3.35 0.00	53.62 3.55 0.00	38.79 2.28 0.00	37.99 2.22 0.00	39.49 2.17 0.00	37.08 1.89 0.00	43.19 1.97 0.00	35.90 1.63 0.00	31.40 1.52 0.00
TEALLAVE_115KV_TB7 355573	17.27 -0.32 0.00	18.97 -0.39 0.00	19.44 -0.40 0.00	20.60 -0.46 0.00	20.74 -0.47 0.00	17.97 -0.37 0.00	23.58 -0.51 0.00	32.00 -0.78 0.00	30.07 -0.74 0.00	27.59 -0.75 0.00	25.03 -0.66 0.00	23.42 -0.59 0.00	21.99 -0.54 0.00	24.64 -0.59 0.00	26.28 -0.60 0.00	45.55 -1.02 0.00	48.96 -1.11 0.00	35.70 -0.81 0.00	35.01 -0.75 0.00	36.53 -0.79 0.00	34.37 -0.82 0.00	40.03 -1.03 0.16	33.39 -0.87 0.00	29.15 -0.73 0.00
TELGRAPH_34_KV_EAST 80808	16.55 -1.04 0.00	17.43 -1.27 0.66	18.32 -1.43 0.10	19.36 -1.57 0.13	19.80 -1.41 0.00	17.15 -1.16 0.03	21.80 -1.42 0.87	28.35 -2.11 2.32	28.93 -1.89 0.00	26.82 -1.52 0.00	24.60 -1.09 0.00	23.23 -0.78 0.00	21.73 -0.79 0.00	24.11 -1.12 0.00	23.60 -1.22 2.06	41.48 -2.34 2.75	38.15 -2.63 9.30	30.75 -2.02 3.74	29.26 -1.93 4.57	33.81 -1.85 1.66	32.12 -1.93 1.15	37.65 -2.55 1.02	32.26 -1.85 0.15	28.48 -1.40 0.00
TEMPLE___115KV_TB 2 55572	17.28 -0.31 0.00	18.98 -0.38 0.00	19.45 -0.39 0.00	20.61 -0.45 0.00	20.74 -0.47 0.00	17.97 -0.36 0.00	23.59 -0.51 0.00	32.01 -0.77 0.00	30.08 -0.73 0.00	27.60 -0.74 0.00	25.04 -0.66 0.00	23.43 -0.57 0.00	22.00 -0.53 0.00	24.66 -0.57 0.00	26.30 -0.58 0.00	45.56 -1.01 0.00	48.98 -1.10 0.00	35.73 -0.79 0.00	35.02 -0.75 0.00	36.55 -0.77 0.00	34.38 -0.81 0.00	40.04 -1.02 0.17	33.40 -0.86 0.00	29.16 -0.72 0.00
TIANA____69_KV_BK 1 55817	18.93 1.34 0.00	20.88 1.53 0.00	21.72 1.87 0.00	22.99 1.93 0.00	23.17 1.96 0.00	19.86 1.53 0.00	26.07 1.98 0.00	35.47 2.69 0.00	33.27 2.46 0.00	30.93 2.59 0.00	28.37 2.68 0.00	26.49 2.49 0.00	24.87 2.35 0.00	27.71 2.48 0.00	26.57 2.36 2.67	41.24 3.70 9.03	13.35 2.97 39.70	17.52 2.06 21.05	36.52 2.69 1.93	31.42 2.41 8.31	33.57 2.20 3.83	34.50 2.25 8.97	30.33 1.94 5.87	30.79 1.87 0.95
TILDEN___115KV_TB1 80814	17.36 -0.23 0.00	19.06 -0.30 0.00	19.53 -0.31 0.00	20.70 -0.36 0.00	20.81 -0.40 0.00	18.04 -0.30 0.00	23.68 -0.41 0.00	32.15 -0.63 0.00	30.19 -0.62 0.00	27.69 -0.65 0.00	25.10 -0.59 0.00	23.48 -0.53 0.00	22.05 -0.47 0.00	24.71 -0.51 0.00	26.37 -0.51 0.00	45.70 -0.88 0.00	49.17 -0.90 0.00	35.88 -0.63 0.00	35.19 -0.57 0.00	36.72 -0.60 0.00	34.55 -0.64 0.00	40.29 -0.82 0.11	33.54 -0.72 0.00	29.28 -0.60 0.00

TRIGEN___CC 323695	18.81 1.22 0.00	20.76 1.41 0.00	21.35 1.51 0.00	22.62 1.55 0.00	22.77 1.56 0.00	19.59 1.25 0.00	25.71 1.62 0.00	35.02 2.24 0.00	32.95 2.14 0.00	30.60 2.26 0.00	27.97 2.28 0.00	26.12 2.12 0.00	24.51 1.99 0.00	27.50 2.26 0.00	28.34 2.22 0.76	47.42 3.42 2.58	42.33 3.58 11.32	33.31 2.43 5.63	37.65 2.40 0.51	37.45 2.34 2.21	36.29 2.04 0.95	40.94 2.11 2.39	34.49 1.79 1.56	31.31 1.69 0.25
TRINITY___115KV___4 BK 55933	18.06 0.47 0.00	19.97 0.62 0.00	20.57 0.73 0.00	21.84 0.78 0.00	21.94 0.73 0.00	18.92 0.59 0.00	24.95 0.85 0.00	34.06 1.28 0.00	31.99 1.18 0.00	29.34 1.00 0.00	26.46 0.77 0.00	24.64 0.64 0.00	23.09 0.56 0.00	25.90 0.67 0.00	27.65 0.77 0.00	47.87 1.30 0.00	51.62 1.55 0.00	37.61 1.10 0.00	36.90 1.13 0.00	38.46 1.14 0.00	36.31 1.11 0.00	42.38 1.16 0.00	35.16 0.90 0.00	30.66 0.79 0.00
UNION___PROCESSING_DRP 323587	16.92 -0.67 0.00	18.51 -0.85 0.00	18.91 -0.94 0.00	20.02 -1.04 0.00	20.28 -0.93 0.00	17.59 -0.75 0.00	23.14 -0.95 0.00	31.39 -1.39 0.00	29.63 -1.19 0.00	27.35 -0.99 0.00	24.95 -0.74 0.00	23.47 -0.53 0.00	21.99 -0.54 0.00	24.52 -0.71 0.00	26.05 -0.83 0.00	45.08 -1.49 0.00	48.28 -1.80 0.00	35.20 -1.31 0.00	34.50 -1.27 0.00	36.17 -1.15 0.00	33.93 -1.26 0.00	39.07 -1.68 0.47	32.97 -1.29 0.00	28.88 -1.00 0.00
UPPER HUDSON___HYD 24058	18.40 0.81 0.00	20.32 0.97 0.00	20.89 1.04 0.00	22.19 1.13 0.00	22.37 1.16 0.00	19.30 0.97 0.00	25.52 1.43 0.00	34.90 2.12 0.00	32.70 1.89 0.00	29.98 1.64 0.00	26.86 1.17 0.00	24.91 0.90 0.00	23.37 0.85 0.00	26.26 1.03 0.00	27.83 0.95 0.00	48.51 1.94 0.00	52.52 2.44 0.00	38.25 1.74 0.00	37.55 1.79 0.00	39.37 2.05 0.00	37.06 1.86 0.00	43.36 2.14 0.00	35.95 1.69 0.00	31.34 1.46 0.00
UPPER RAQUET___HYD 24056	17.88 0.29 0.00	19.49 0.14 0.00	23.27 -0.01 -3.44	27.22 0.00 -6.16	27.47 0.08 -6.18	24.22 0.12 -5.77	30.98 0.27 -6.62	41.09 0.42 -7.89	38.79 0.37 -7.61	35.94 0.35 -7.24	32.90 0.35 -6.86	30.98 0.36 -6.62	29.27 0.35 -6.40	32.20 0.19 -6.78	32.03 0.06 -5.09	50.83 0.46 -3.80	60.25 0.59 -9.59	38.59 0.76 -1.32	36.38 0.61 0.00	40.81 0.68 -2.82	36.09 0.90 0.00	42.63 1.41 0.00	35.42 1.16 0.00	30.61 0.73 0.00
VALLEY44_115KV_TB2 355964	17.01 -0.58 0.00	18.28 -0.63 0.43	19.08 -0.69 0.06	20.24 -0.76 0.05	20.55 -0.66 0.00	17.77 -0.55 0.02	22.89 -0.63 0.57	30.31 -0.95 1.53	30.00 -0.81 0.00	27.88 -0.46 0.00	25.55 -0.14 0.00	23.97 -0.03 0.00	22.52 -0.01 0.00	25.50 0.27 0.00	25.82 0.30 1.36	44.92 0.16 1.81	43.67 -0.28 6.13	33.22 -0.83 2.47	32.05 -0.70 3.01	35.73 -0.49 1.10	33.77 -0.67 0.76	39.67 -0.81 0.75	33.64 -0.52 0.10	29.69 -0.19 0.00
VALLEY___115KV_TB 1-4 80826	17.75 0.15 0.00	19.62 0.26 0.00	20.20 0.35 0.00	21.44 0.38 0.00	21.57 0.36 0.00	18.63 0.29 0.00	24.56 0.47 0.00	33.50 0.72 0.00	31.28 0.47 0.00	28.44 0.10 0.00	25.64 -0.05 0.00	23.90 -0.11 0.00	22.41 -0.12 0.00	25.18 -0.05 0.00	26.92 0.04 0.00	47.16 0.59 0.00	50.97 0.90 0.00	37.05 0.54 0.00	36.42 0.66 0.00	37.65 0.33 0.00	35.63 0.43 0.00	41.91 0.69 0.00	34.64 0.38 0.00	30.15 0.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.29 0.70 0.00	20.18 0.83 0.00	20.74 0.89 0.00	22.05 0.99 0.00	22.20 0.99 0.00	19.14 0.80 0.00	25.19 1.10 0.00	34.31 1.53 0.00	32.23 1.42 0.00	29.69 1.35 0.00	26.97 1.28 0.00	25.18 1.18 0.00	23.63 1.11 0.00	26.60 1.36 0.00	28.37 1.49 0.00	49.08 2.51 0.00	52.60 2.53 0.00	38.23 1.72 0.00	37.50 1.74 0.00	39.17 1.85 0.00	36.82 1.62 0.00	42.94 1.82 0.10	35.74 1.48 0.00	31.17 1.29 0.00
VISCHER___FERRY HYD 24020	18.32 0.73 0.00	20.23 0.88 0.00	20.81 0.97 0.00	22.10 1.03 0.00	22.23 1.02 0.00	19.17 0.83 0.00	25.23 1.14 0.00	34.47 1.69 0.00	32.41 1.59 0.00	29.70 1.36 0.00	26.74 1.05 0.00	24.87 0.87 0.00	23.30 0.78 0.00	26.14 0.91 0.00	27.87 1.00 0.00	48.33 1.76 0.00	52.17 2.09 0.00	38.01 1.50 0.00	37.29 1.52 0.00	38.93 1.61 0.00	36.77 1.57 0.00	42.96 1.74 0.00	35.65 1.39 0.00	31.10 1.22 0.00
V_A_10_SYNC_DSASP 323832	16.51 -1.08 0.00	17.53 -1.31 0.51	18.33 -1.44 0.08	19.38 -1.58 0.10	19.78 -1.43 0.00	17.12 -1.19 0.02	21.83 -1.59 0.67	28.70 -2.29 1.79	28.81 -2.01 0.00	26.71 -1.62 0.00	24.46 -1.23 0.00	23.07 -0.93 0.00	21.59 -0.94 0.00	24.05 -1.18 0.00	23.91 -1.38 1.59	41.82 -2.63 2.12	39.78 -3.11 7.18	31.29 -2.33 2.89	29.96 -2.27 3.53	33.89 -2.15 1.28	32.12 -2.19 0.89	37.60 -2.71 0.91	32.11 -2.04 0.12	28.34 -1.54 0.00
V_CMM_10_SYNC_DSASP 323787	17.71 0.12 0.00	19.37 0.02 0.00	19.78 -0.06 0.00	21.00 -0.06 0.00	21.20 -0.01 0.00	18.35 0.02 0.00	24.17 0.08 0.00	32.90 0.12 0.00	30.94 0.13 0.00	28.54 0.20 0.00	25.92 0.22 0.00	24.26 0.26 0.00	22.75 0.22 0.00	25.30 0.07 0.00	26.86 -0.02 0.00	46.61 0.04 0.00	50.09 0.02 0.00	36.77 0.26 0.00	35.91 0.15 0.00	37.54 0.22 0.00	35.61 0.42 0.00	41.99 0.77 0.00	34.91 0.64 0.00	30.24 0.37 0.00
V_CMP_10_SYNC_DSASP 323788	17.97 0.38 0.00	19.49 0.13 0.00	-3.86 -0.18 23.52	-21.29 -0.22 42.13	-21.33 -0.23 42.31	-21.38 -0.22 39.50	-21.34 -0.12 45.30	-21.30 -0.08 54.00	-21.39 -0.11 52.09	-21.48 -0.23 49.60	-21.53 -0.29 46.93	-21.51 -0.23 45.28	-21.47 -0.17 43.82	-21.42 -0.27 46.38	-8.38 -0.40 34.87	20.32 -0.23 26.02	-15.99 -0.45 65.61	27.41 -0.06 9.03	35.93 0.17 0.00	18.03 -0.02 19.26	35.98 0.79 0.00	42.58 1.36 0.00	35.42 1.16 0.00	30.72 0.84 0.00
V_D_10_SYNC_DSASP 323841	17.82 0.22 0.00	19.48 0.13 0.00	20.60 0.04 -0.71	22.39 0.04 -1.28	22.60 0.11 -1.28	19.65 0.12 -1.20	25.69 0.23 -1.37	34.74 0.32 -1.64	32.71 0.32 -1.58	30.20 0.36 -1.50	27.48 0.36 -1.42	25.76 0.38 -1.37	24.20 0.35 -1.33	26.84 0.20 -1.41	28.04 0.11 -1.06	47.69 0.32 -0.79	52.42 0.36 -1.99	37.30 0.52 -0.27	36.15 0.38 0.00	38.38 0.48 -0.58	35.86 0.67 0.00	42.29 1.07 0.00	35.14 0.88 0.00	30.45 0.57 0.00
V_E_10_SYNC_DSASP 323830	18.13 0.54 0.00	19.99 0.42 -0.21	20.34 0.46 -0.03	21.73 0.62 -0.04	21.86 0.64 0.00	18.94 0.59 -0.01	25.42 1.06 -0.27	35.09 1.58 -0.72	32.11 1.30 0.00	29.40 1.06 0.00	26.68 0.99 0.00	24.80 0.80 0.00	23.12 0.60 0.00	25.95 0.71 0.00	28.33 0.81 -0.64	49.34 1.91 -0.86	55.16 2.19 -2.90	39.93 2.26 -1.17	39.71 2.52 -1.43	40.49 2.66 -0.52	37.84 2.28 -0.36	43.93 2.66 -0.06	36.08 1.77 -0.05	31.32 1.44 0.00
V_F_30_NSYNC___DSASP 323816	18.50 0.91 0.00	20.42 1.07 0.00	20.99 1.15 0.00	22.28 1.22 0.00	22.45 1.24 0.00	19.37 1.04 0.00	25.55 1.46 0.00	34.90 2.12 0.00	32.74 1.92 0.00	29.95 1.61 0.00	26.93 1.24 0.00	25.04 1.04 0.00	23.47 0.95 0.00	26.36 1.14 0.00	28.08 1.21 0.00	48.84 2.27 0.00	52.84 2.76 0.00	38.52 2.01 0.00	37.79 2.02 0.00	39.49 2.17 0.00	37.22 2.02 0.00	43.48 2.26 0.00	36.05 1.79 0.00	31.43 1.56 0.00

V_F_30_SYNC_DSASP 323786	18.13 0.53 0.00	20.03 0.68 0.00	20.63 0.79 0.00	21.90 0.84 0.00	22.01 0.80 0.00	18.98 0.64 0.00	25.03 0.94 0.00	34.18 1.40 0.00	32.09 1.28 0.00	29.44 1.09 0.00	26.54 0.85 0.00	24.72 0.72 0.00	23.17 0.65 0.00	26.00 0.77 0.00	27.76 0.88 0.00	48.10 1.53 0.00	51.88 1.80 0.00	37.79 1.28 0.00	37.07 1.31 0.00	38.64 1.32 0.00	36.45 1.26 0.00	42.54 1.32 0.00	35.28 1.02 0.00	30.76 0.89 0.00
V_XM_10_SYNC_DSASP 323789	17.97 0.38 0.00	19.49 0.13 0.00	-3.86 -0.18 23.52	-21.29 -0.22 42.13	-21.33 -0.23 42.31	-21.38 -0.22 39.50	-21.34 -0.12 45.30	-21.30 -0.08 54.00	-21.39 -0.11 52.09	-21.48 -0.23 49.60	-21.53 -0.29 46.93	-21.51 -0.23 45.28	-21.47 -0.17 43.82	-21.42 -0.27 46.38	-8.38 -0.40 34.87	20.32 -0.23 26.02	-15.99 -0.45 65.61	27.41 -0.06 9.03	35.93 0.17 0.00	18.03 -0.02 19.26	35.98 0.79 0.00	42.58 1.36 0.00	35.42 1.16 0.00	30.72 0.84 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.55 0.96 0.00	20.51 1.16 0.00	21.06 1.21 0.00	22.32 1.26 0.00	22.46 1.25 0.00	19.39 1.05 0.00	25.48 1.40 0.00	34.77 1.99 0.00	32.71 1.90 0.00	30.23 1.89 0.00	27.45 1.76 0.00	25.60 1.60 0.00	24.07 1.54 0.00	27.15 1.92 0.00	28.97 2.09 0.00	50.07 3.50 0.00	53.80 3.73 0.00	38.93 2.41 0.00	38.12 2.36 0.00	39.63 2.31 0.00	37.22 2.02 0.00	43.35 2.12 0.00	36.01 1.75 0.00	31.49 1.61 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.73 1.14 0.00	20.70 1.35 0.00	21.25 1.41 0.00	22.52 1.46 0.00	22.66 1.45 0.00	19.56 1.22 0.00	25.71 1.62 0.00	35.09 2.31 0.00	33.09 2.28 0.00	30.64 2.30 0.00	27.83 2.14 0.00	25.98 1.98 0.00	24.42 1.90 0.00	27.49 2.26 0.00	29.30 2.43 0.00	50.54 3.97 0.00	54.28 4.21 0.00	39.34 2.83 0.00	38.49 2.73 0.00	40.00 2.68 0.00	37.56 2.36 0.00	43.68 2.46 0.00	36.33 2.07 0.00	31.74 1.86 0.00
W50THST__13_KV_LOAD 356117	18.82 1.23 0.00	20.79 1.43 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.64 1.31 0.00	25.84 1.75 0.00	35.28 2.50 0.00	33.30 2.48 0.00	30.84 2.50 0.00	28.02 2.33 0.00	26.16 2.16 0.00	24.61 2.08 0.00	27.71 2.48 0.00	29.54 2.66 0.00	50.95 4.38 0.00	54.70 4.63 0.00	39.64 3.13 0.00	38.75 2.98 0.00	40.25 2.94 0.00	37.78 2.58 0.00	43.91 2.69 0.00	36.50 2.24 0.00	31.89 2.01 0.00
WADING RIVER_IC_1 23522	18.79 1.20 0.00	20.73 1.38 0.00	21.60 1.76 0.00	22.87 1.81 0.00	23.06 1.85 0.00	19.75 1.41 0.00	25.93 1.84 0.00	35.25 2.47 0.00	33.07 2.26 0.00	30.75 2.41 0.00	28.21 2.52 0.00	26.34 2.34 0.00	24.74 2.22 0.00	27.55 2.32 0.00	26.38 2.18 2.67	40.87 3.33 9.03	12.69 2.33 39.71	17.04 1.59 21.06	36.23 2.40 1.93	31.08 2.07 8.31	33.28 1.91 3.84	34.17 1.92 8.97	30.09 1.70 5.88	30.58 1.66 0.95
WADING RIVER_IC_2 23547	18.79 1.20 0.00	20.73 1.38 0.00	21.60 1.76 0.00	22.87 1.81 0.00	23.06 1.85 0.00	19.75 1.41 0.00	25.93 1.84 0.00	35.25 2.47 0.00	33.07 2.26 0.00	30.75 2.41 0.00	28.21 2.52 0.00	26.34 2.34 0.00	24.74 2.22 0.00	27.55 2.32 0.00	26.38 2.18 2.67	40.87 3.33 9.03	12.69 2.33 39.71	17.04 1.59 21.06	36.23 2.40 1.93	31.08 2.07 8.31	33.28 1.91 3.84	34.17 1.92 8.97	30.09 1.70 5.88	30.58 1.66 0.95
WADING RIVER_IC_3 23601	18.79 1.20 0.00	20.73 1.38 0.00	21.60 1.76 0.00	22.87 1.81 0.00	23.06 1.85 0.00	19.75 1.41 0.00	25.93 1.84 0.00	35.25 2.47 0.00	33.07 2.26 0.00	30.75 2.41 0.00	28.21 2.52 0.00	26.34 2.34 0.00	24.74 2.22 0.00	27.55 2.32 0.00	26.38 2.18 2.67	40.87 3.33 9.03	12.69 2.33 39.71	17.04 1.59 21.06	36.23 2.40 1.93	31.08 2.07 8.31	33.28 1.91 3.84	34.17 1.92 8.97	30.09 1.70 5.88	30.58 1.66 0.95
WALDENNY_12_KV_BK2 80841	16.57 -1.02 0.00	17.10 -1.23 1.03	18.31 -1.38 0.16	19.32 -1.53 0.21	19.86 -1.36 0.00	17.17 -1.13 0.04	21.33 -1.41 1.35	27.07 -2.11 3.61	28.99 -1.82 0.00	26.98 -1.37 0.00	24.78 -0.92 0.00	23.38 -0.63 0.00	21.86 -0.67 0.00	24.34 -0.89 0.00	22.63 -1.06 3.20	40.23 -2.08 4.27	33.13 -2.50 14.44	28.73 -1.98 5.81	26.81 -1.86 7.10	33.09 -1.65 2.58	31.63 -1.78 1.79	37.68 -2.24 1.30	32.39 -1.63 0.24	28.72 -1.16 0.00
WALDEN__HYDRO 24148	18.60 1.01 0.00	20.55 1.20 0.00	21.10 1.25 0.00	22.37 1.30 0.00	22.51 1.30 0.00	19.43 1.09 0.00	25.56 1.47 0.00	34.89 2.12 0.00	32.84 2.03 0.00	30.28 1.94 0.00	27.45 1.76 0.00	25.60 1.59 0.00	24.03 1.51 0.00	27.08 1.85 0.00	28.88 2.01 0.00	49.93 3.37 0.00	53.72 3.65 0.00	39.01 2.49 0.00	38.23 2.47 0.00	39.79 2.48 0.00	37.39 2.20 0.00	43.54 2.32 0.00	36.17 1.91 0.00	31.58 1.71 0.00
WARRENSBURG____ 23737	18.40 0.81 0.00	20.32 0.97 0.00	20.89 1.04 0.00	22.19 1.13 0.00	22.37 1.16 0.00	19.30 0.97 0.00	25.52 1.43 0.00	34.90 2.12 0.00	32.70 1.89 0.00	29.98 1.64 0.00	26.86 1.17 0.00	24.91 0.90 0.00	23.37 0.85 0.00	26.26 1.03 0.00	27.83 0.95 0.00	48.51 1.94 0.00	52.52 2.44 0.00	38.25 1.74 0.00	37.55 1.79 0.00	39.37 2.05 0.00	37.06 1.86 0.00	43.36 2.14 0.00	35.95 1.69 0.00	31.34 1.46 0.00
WATERSIDE____6 8 9 23538	18.77 1.18 0.00	20.74 1.39 0.00	21.29 1.44 0.00	22.55 1.49 0.00	22.69 1.49 0.00	19.58 1.25 0.00	25.73 1.64 0.00	35.12 2.34 0.00	33.16 2.34 0.00	30.68 2.34 0.00	27.88 2.18 0.00	26.01 2.00 0.00	24.43 1.91 0.00	27.51 2.28 0.00	29.34 2.46 0.00	50.53 3.96 0.00	54.28 4.20 0.00	39.36 2.85 0.00	38.50 2.74 0.00	40.01 2.69 0.00	37.57 2.38 0.00	43.68 2.46 0.00	36.36 2.10 0.00	31.77 1.89 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.72 0.13 0.00	19.55 0.20 0.00	20.11 0.26 0.00	21.35 0.29 0.00	21.49 0.28 0.00	18.55 0.21 0.00	24.44 0.34 0.00	33.30 0.52 0.00	31.19 0.38 0.00	28.47 0.12 0.00	25.68 -0.01 0.00	23.94 -0.07 0.00	22.45 -0.07 0.00	25.23 0.00 0.00	26.96 0.08 0.00	47.02 0.45 0.00	50.72 0.65 0.00	36.92 0.41 0.00	36.26 0.50 0.00	37.72 0.40 0.00	35.59 0.40 0.00	41.68 0.46 0.00	34.54 0.27 0.00	30.10 0.22 0.00
WATSON__69_KV_BK 1 55734	19.04 1.44 0.00	20.99 1.64 0.00	21.67 1.83 0.00	22.95 1.89 0.00	23.12 1.91 0.00	19.82 1.48 0.00	26.02 1.93 0.00	35.45 2.67 0.00	33.28 2.46 0.00	30.96 2.62 0.00	28.41 2.72 0.00	26.53 2.52 0.00	24.90 2.37 0.00	27.77 2.54 0.00	26.70 2.40 2.58	41.61 3.76 8.73	15.42 3.72 38.37	18.71 2.54 20.34	36.44 2.54 1.87	31.74 2.45 8.03	33.77 2.27 3.70	34.94 2.39 8.67	30.61 2.02 5.67	30.89 1.93 0.92
WDELAWARE__HYD 323627	18.69 1.10 0.00	20.63 1.28 0.00	21.18 1.34 0.00	22.46 1.40 0.00	22.61 1.40 0.00	19.53 1.19 0.00	25.71 1.62 0.00	35.11 2.33 0.00	33.01 2.20 0.00	30.39 2.05 0.00	27.53 1.84 0.00	25.63 1.63 0.00	24.06 1.53 0.00	27.09 1.86 0.00	28.91 2.03 0.00	50.02 3.45 0.00	53.88 3.80 0.00	39.21 2.70 0.00	38.50 2.74 0.00	40.09 2.77 0.00	37.65 2.46 0.00	43.84 2.62 0.00	36.40 2.14 0.00	31.77 1.89 0.00

WEST BABYLON___IC 23714	19.02 1.42 0.00	20.98 1.63 0.00	21.63 1.78 0.00	22.89 1.83 0.00	23.07 1.86 0.00	19.79 1.45 0.00	25.98 1.89 0.00	35.40 2.63 0.00	33.24 2.43 0.00	30.92 2.58 0.00	28.36 2.66 0.00	26.48 2.47 0.00	24.83 2.30 0.00	27.75 2.52 0.00	26.91 2.42 2.38	42.28 3.77 8.06	18.48 3.83 35.42	20.36 2.61 18.76	36.63 2.59 1.72	32.43 2.52 7.40	34.09 2.29 3.40	35.64 2.41 7.99	31.05 2.02 5.23	30.96 1.93 0.85
WEST CANADA___HYD 24049	17.65 0.06 0.00	19.45 0.09 0.00	19.96 0.11 0.00	21.18 0.12 0.00	21.34 0.13 0.00	18.43 0.09 0.00	24.22 0.12 0.00	32.97 0.19 0.00	30.97 0.16 0.00	28.47 0.13 0.00	25.79 0.10 0.00	24.07 0.07 0.00	22.59 0.06 0.00	25.33 0.10 0.00	27.01 0.13 0.00	46.79 0.21 0.00	50.31 0.24 0.00	36.66 0.15 0.00	35.93 0.16 0.00	37.47 0.15 0.00	35.33 0.13 0.00	41.35 0.13 0.00	34.37 0.11 0.00	29.98 0.11 0.00
WESTERN_NY_WIND 24143	16.89 -0.71 0.00	17.88 -0.90 0.57	18.72 -1.04 0.09	19.79 -1.15 0.12	20.21 -1.00 0.00	17.53 -0.79 0.02	22.44 -0.89 0.75	29.43 -1.33 2.01	29.65 -1.16 0.00	27.39 -0.95 0.00	24.98 -0.71 0.00	23.57 -0.43 0.00	22.05 -0.47 0.00	24.48 -0.75 0.00	24.27 -0.83 1.79	42.75 -1.44 2.38	40.44 -1.57 8.07	32.05 -1.22 3.24	30.68 -1.12 3.97	34.89 -0.99 1.44	33.05 -1.15 1.00	38.61 -1.66 0.94	32.94 -1.19 0.13	29.01 -0.87 0.00
WESTOVER___LESR 323668	17.66 0.07 0.00	19.67 0.17 -0.14	20.03 0.16 -0.02	21.29 0.20 -0.03	21.43 0.22 0.00	18.47 0.13 -0.01	24.47 0.20 -0.18	33.62 0.36 -0.49	31.15 0.34 0.00	28.78 0.44 0.00	26.20 0.51 0.00	24.44 0.43 0.00	22.97 0.44 0.00	26.05 0.82 0.00	28.12 0.81 -0.43	48.54 1.39 -0.58	53.19 1.17 -1.95	37.73 0.44 -0.78	37.24 0.51 -0.96	38.47 0.80 -0.35	35.93 0.50 -0.24	41.77 0.60 0.05	34.72 0.42 -0.03	30.38 0.50 0.00
WETHRSFD_WT_PWR 323626	16.31 -1.28 0.00	14.41 -1.46 3.48	17.71 -1.61 0.52	18.63 -1.72 0.71	19.65 -1.56 0.00	16.85 -1.34 0.14	17.77 -1.75 4.57	18.15 -2.45 12.18	28.64 -2.17 0.00	26.58 -1.76 0.00	24.36 -1.33 0.00	22.87 -1.13 0.00	21.41 -1.12 0.00	23.99 -1.24 0.00	14.52 -1.55 10.80	29.47 -2.67 14.43	-1.58 -2.83 48.82	14.50 -2.38 19.63	9.69 -2.06 24.01	26.85 -1.75 8.72	27.03 -2.13 6.03	35.56 -2.28 3.38	31.63 -1.83 0.80	28.62 -1.26 0.00
WHAVSTOR_138KV_BK127 55557	18.48 0.89 0.00	20.44 1.08 0.00	20.98 1.14 0.00	22.23 1.17 0.00	22.39 1.18 0.00	19.31 0.98 0.00	25.38 1.28 0.00	34.61 1.84 0.00	32.56 1.75 0.00	30.10 1.75 0.00	27.33 1.64 0.00	25.49 1.49 0.00	23.96 1.44 0.00	27.03 1.80 0.00	28.83 1.96 0.00	49.82 3.25 0.00	53.52 3.45 0.00	38.72 2.21 0.00	37.92 2.16 0.00	39.43 2.11 0.00	37.04 1.84 0.00	43.13 1.91 0.00	35.85 1.59 0.00	31.36 1.48 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.48 0.89 0.00	20.44 1.08 0.00	20.98 1.14 0.00	22.23 1.17 0.00	22.39 1.18 0.00	19.31 0.98 0.00	25.38 1.28 0.00	34.61 1.84 0.00	32.56 1.75 0.00	30.10 1.75 0.00	27.33 1.64 0.00	25.49 1.49 0.00	23.96 1.44 0.00	27.03 1.80 0.00	28.83 1.96 0.00	49.82 3.25 0.00	53.52 3.45 0.00	38.72 2.21 0.00	37.92 2.16 0.00	39.43 2.11 0.00	37.04 1.84 0.00	43.13 1.91 0.00	35.85 1.59 0.00	31.36 1.48 0.00
WHITEHAL_115KV_TB1 80871	18.84 1.25 0.00	20.91 1.56 0.00	21.49 1.65 0.00	22.84 1.78 0.00	23.11 1.91 0.00	19.84 1.50 0.00	26.38 2.29 0.00	36.14 3.36 0.00	33.79 2.97 0.00	31.22 2.88 0.00	27.69 2.00 0.00	25.44 1.43 0.00	23.93 1.41 0.00	26.99 1.76 0.00	28.75 1.87 0.00	50.12 3.55 0.00	54.42 4.34 0.00	39.49 2.98 0.00	38.75 2.98 0.00	40.99 3.67 0.00	38.61 3.42 0.00	44.68 3.46 0.00	36.95 2.69 0.00	32.06 2.19 0.00
WHITEPLN_13_KV_LOAD 356215	18.79 1.19 0.00	20.76 1.41 0.00	21.31 1.46 0.00	22.59 1.52 0.00	22.72 1.52 0.00	19.62 1.28 0.00	25.81 1.72 0.00	35.25 2.47 0.00	33.22 2.40 0.00	30.71 2.37 0.00	27.89 2.20 0.00	26.04 2.04 0.00	24.48 1.95 0.00	27.55 2.32 0.00	29.37 2.49 0.00	50.68 4.11 0.00	54.49 4.42 0.00	39.50 2.99 0.00	38.69 2.92 0.00	40.21 2.90 0.00	37.75 2.56 0.00	43.92 2.70 0.00	36.50 2.24 0.00	31.87 2.00 0.00
WM_FLOYD_69_KV_BK2 356380	18.86 1.27 0.00	20.81 1.45 0.00	21.59 1.74 0.00	22.85 1.79 0.00	23.04 1.83 0.00	19.73 1.40 0.00	25.88 1.79 0.00	35.22 2.45 0.00	33.05 2.24 0.00	30.72 2.38 0.00	28.19 2.50 0.00	26.30 2.30 0.00	24.72 2.19 0.00	27.51 2.28 0.00	26.35 2.13 2.67	40.86 3.31 9.01	13.26 2.82 39.63	17.44 1.95 21.02	36.22 2.39 1.93	31.17 2.15 8.30	33.31 1.94 3.83	34.24 1.97 8.95	30.13 1.73 5.87	30.62 1.69 0.95
WOODARD___115KV_TB2 355635	17.26 -0.34 0.00	18.96 -0.40 0.00	19.45 -0.40 0.00	20.61 -0.45 0.00	20.72 -0.49 0.00	17.96 -0.38 0.00	23.56 -0.54 0.00	31.96 -0.82 0.00	30.03 -0.79 0.00	27.56 -0.78 0.00	24.99 -0.70 0.00	23.38 -0.62 0.00	21.96 -0.56 0.00	24.60 -0.63 0.00	26.24 -0.64 0.00	45.47 -1.10 0.00	48.91 -1.16 0.00	35.68 -0.84 0.00	34.98 -0.79 0.00	36.49 -0.83 0.00	34.35 -0.85 0.00	40.04 -1.08 0.10	33.35 -0.91 0.00	29.12 -0.76 0.00
YORK___WARBASSE 23770	18.83 1.24 0.00	20.80 1.45 0.00	21.34 1.50 0.00	22.61 1.55 0.00	22.75 1.54 0.00	19.65 1.31 0.00	25.83 1.73 0.00	35.25 2.47 0.00	33.27 2.46 0.00	30.78 2.44 0.00	27.96 2.27 0.00	26.09 2.08 0.00	24.51 1.98 0.00	27.60 2.37 0.00	29.42 2.54 0.00	50.63 4.06 0.00	54.39 4.31 0.00	39.46 2.94 0.00	38.59 2.82 0.00	40.12 2.80 0.00	37.70 2.50 0.00	43.81 2.59 0.00	36.49 2.23 0.00	31.90 2.02 0.00