

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/13/2025

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	20.37	23.73	26.17	31.61	27.29	25.25	31.58	38.31	37.58	38.91	43.01	43.96	41.85	46.23	45.18	44.10	48.76	50.72	60.10	73.44	46.31	42.38	35.03	29.35
24138	0.91	1.24	1.26	1.55	1.39	1.37	1.83	2.11	2.02	2.12	2.29	2.56	2.42	2.02	1.94	2.01	2.34	2.44	2.84	2.86	1.63	1.61	1.41	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	20.36	23.71	26.18	31.59	27.26	25.23	31.53	38.26	37.55	38.88	43.03	43.97	41.88	46.27	45.22	44.14	48.80	50.75	60.14	73.51	46.39	42.43	35.03	29.37
24260	0.90	1.22	1.26	1.52	1.36	1.34	1.78	2.05	1.99	2.09	2.31	2.58	2.45	2.07	1.98	2.05	2.38	2.48	2.87	2.92	1.71	1.66	1.41	1.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.36	23.71	26.18	31.59	27.26	25.23	31.53	38.26	37.55	38.88	43.03	43.97	41.88	46.27	45.22	44.14	48.80	50.75	60.14	73.51	46.39	42.43	35.03	29.37
24261	0.90	1.22	1.26	1.52	1.36	1.34	1.78	2.05	1.99	2.09	2.31	2.58	2.45	2.07	1.98	2.05	2.38	2.48	2.87	2.92	1.71	1.66	1.41	1.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.09	23.44	25.94	31.37	27.04	24.97	30.98	37.70	37.21	38.65	42.70	43.47	41.50	46.07	45.11	44.03	48.75	50.48	59.87	73.43	46.40	42.30	34.80	29.07
24011	0.64	0.96	1.02	1.30	1.13	1.09	1.24	1.50	1.66	1.85	1.98	2.08	2.07	1.86	1.87	1.94	2.33	2.20	2.60	2.84	1.72	1.53	1.19	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.16	23.55	26.04	31.51	27.17	25.09	31.06	37.81	37.37	38.86	42.92	43.70	41.70	46.24	45.30	44.26	49.00	50.70	60.18	73.77	46.60	42.51	34.99	29.18
23798	0.71	1.06	1.12	1.45	1.26	1.21	1.31	1.60	1.82	2.06	2.20	2.30	2.27	2.04	2.06	2.17	2.58	2.42	2.91	3.18	1.92	1.73	1.37	0.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.09	23.44	25.94	31.37	27.04	24.97	30.98	37.70	37.21	38.65	42.70	43.47	41.50	46.07	45.11	44.03	48.75	50.48	59.87	73.43	46.40	42.30	34.80	29.07
24028	0.64	0.96	1.02	1.30	1.13	1.09	1.24	1.50	1.66	1.85	1.98	2.08	2.07	1.86	1.87	1.94	2.33	2.20	2.60	2.84	1.72	1.53	1.19	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.89	23.26	25.71	31.04	26.74	24.76	30.74	37.14	36.63	38.00	41.98	42.79	40.93	45.31	44.34	43.21	47.80	49.29	58.32	71.65	45.30	41.33	34.09	28.47
23527	0.43	0.77	0.79	0.97	0.83	0.87	0.99	0.94	1.07	1.21	1.26	1.39	1.50	1.11	1.10	1.12	1.37	1.01	1.06	1.06	0.62	0.56	0.47	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.46	22.73	25.18	30.32	26.17	24.12	29.98	36.25	35.62	36.85	40.67	41.41	39.55	43.92	43.02	41.85	46.21	47.86	56.65	69.56	44.05	40.22	33.19	27.88
24190	0.01	0.25	0.27	0.25	0.26	0.24	0.23	0.04	0.07	0.06	-0.05	0.01	0.12	-0.29	-0.21	-0.24	-0.22	-0.42	-0.62	-1.03	-0.63	-0.55	-0.43	-0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.59	20.73	22.62	27.34	23.79	22.11	27.27	32.97	32.09	32.63	36.41	35.19	39.14	44.24	43.16	41.99	46.19	48.24	57.51	71.49	45.23	41.30	34.07	28.73
355683	0.13	-1.75	-2.29	-2.73	-2.12	-1.78	-2.48	-3.24	-3.47	-4.17	-4.31	-1.40	-0.30	0.04	-0.07	-0.10	-0.23	-0.04	0.25	0.91	0.56	0.53	0.45	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.80	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	19.84	23.16	25.67	30.96	26.70	24.67	30.65	37.10	36.36	37.25	40.73	41.46	39.56	43.97	43.06	41.92	46.32	48.01	56.84	69.78	44.19	40.36	33.29	27.92
323833	0.39	0.67	0.76	0.90	0.79	0.79	0.91	0.89	0.81	0.45	0.01	0.07	0.13	-0.23	-0.17	-0.17	-0.10	-0.27	-0.42	-0.80	-0.49	-0.42	-0.33	-0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.84	23.15	25.66	30.95	26.69	24.65	30.64	37.08	36.36	37.23	40.71	41.44	39.54	43.95	43.05	41.91	46.30	47.99	56.82	69.75	44.17	40.35	33.27	27.91
323834	0.38	0.66	0.75	0.88	0.78	0.77	0.89	0.87	0.80	0.44	-0.01	0.04	0.11	-0.26	-0.19	-0.18	-0.12	-0.28	-0.45	-0.83	-0.51	-0.42	-0.34	-0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.46	22.73	25.18	30.32	26.17	24.12	29.98	36.25	35.62	36.85	40.67	41.41	39.55	43.92	43.02	41.85	46.21	47.86	56.65	69.56	44.05	40.22	33.19	27.88
23571	0.01	0.25	0.27	0.25	0.26	0.24	0.23	0.04	0.07	0.06	-0.05	0.01	0.12	-0.29	-0.21	-0.24	-0.22	-0.42	-0.62	-1.03	-0.63	-0.55	-0.43	-0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.46 0.01 0.00	22.73 0.25 0.00	25.18 0.27 0.00	30.32 0.25 0.00	26.17 0.26 0.00	24.12 0.24 0.00	29.98 0.23 0.00	36.25 0.04 0.00	35.62 0.07 0.00	36.85 0.06 0.00	40.67 -0.05 0.00	41.41 0.01 0.00	39.55 0.12 0.00	43.92 -0.29 0.00	43.02 -0.21 0.00	41.85 -0.24 0.00	46.21 -0.22 0.00	47.86 -0.42 0.00	56.65 -0.62 0.00	69.56 -1.03 0.00	44.05 -0.63 0.00	40.22 -0.55 0.00	33.19 -0.43 0.00	27.88 -0.39 0.00
ALBANY___3 23573	19.46 0.01 0.00	22.73 0.25 0.00	25.18 0.27 0.00	30.32 0.25 0.00	26.17 0.26 0.00	24.12 0.24 0.00	29.98 0.23 0.00	36.25 0.04 0.00	35.62 0.07 0.00	36.85 0.06 0.00	40.67 -0.05 0.00	41.41 0.01 0.00	39.55 0.12 0.00	43.92 -0.29 0.00	43.02 -0.21 0.00	41.85 -0.24 0.00	46.21 -0.22 0.00	47.86 -0.42 0.00	56.65 -0.62 0.00	69.56 -1.03 0.00	44.05 -0.63 0.00	40.22 -0.55 0.00	33.19 -0.43 0.00	27.88 -0.39 0.00
ALBANY___4 23574	19.46 0.01 0.00	22.73 0.25 0.00	25.18 0.27 0.00	30.32 0.25 0.00	26.17 0.26 0.00	24.12 0.24 0.00	29.98 0.23 0.00	36.25 0.04 0.00	35.62 0.07 0.00	36.85 0.06 0.00	40.67 -0.05 0.00	41.41 0.01 0.00	39.55 0.12 0.00	43.92 -0.29 0.00	43.02 -0.21 0.00	41.85 -0.24 0.00	46.21 -0.22 0.00	47.86 -0.42 0.00	56.65 -0.62 0.00	69.56 -1.03 0.00	44.05 -0.63 0.00	40.22 -0.55 0.00	33.19 -0.43 0.00	27.88 -0.39 0.00
ALBANY___LFGE 323615	19.65 0.19 0.00	22.94 0.46 0.00	25.42 0.50 0.00	30.61 0.54 0.00	26.42 0.51 0.00	24.36 0.47 0.00	30.28 0.53 0.00	36.64 0.43 0.00	36.03 0.47 0.00	37.28 0.49 0.00	41.17 0.45 0.00	41.94 0.55 0.00	40.05 0.62 0.00	44.48 0.28 0.00	43.57 0.33 0.00	42.40 0.31 0.00	46.81 0.39 0.00	48.49 0.21 0.00	57.41 0.15 0.00	70.48 -0.11 0.00	44.62 -0.06 0.00	40.73 -0.05 0.00	33.58 -0.04 0.00	28.19 -0.08 0.00
ALCOA_PA_115KV_PL-6C 55860	19.69 0.23 0.00	20.87 -1.62 0.00	22.77 -2.14 0.00	27.52 -2.55 0.00	23.95 -1.96 0.00	22.26 -1.63 0.00	27.46 -2.28 0.00	33.21 -3.00 0.00	32.33 -3.23 0.00	32.87 -3.93 0.00	36.66 -4.06 0.00	35.38 -1.22 4.80	39.31 -0.13 0.00	44.37 0.17 0.00	43.34 0.10 0.00	42.19 0.10 0.00	46.42 0.00 0.00	48.43 0.15 0.00	57.74 0.48 0.00	71.80 1.22 0.00	45.43 0.75 0.00	41.50 0.73 0.00	34.26 0.64 0.00	28.89 0.62 0.00
ALCOA_RYNLDS___DRP 24188	19.69 0.23 0.00	20.87 -1.62 0.00	22.77 -2.14 0.00	27.52 -2.55 0.00	23.95 -1.96 0.00	22.26 -1.63 0.00	27.46 -2.28 0.00	33.21 -3.00 0.00	32.33 -3.23 0.00	32.87 -3.93 0.00	36.66 -4.06 0.00	35.38 -1.22 4.80	39.31 -0.13 0.00	44.37 0.17 0.00	43.34 0.10 0.00	42.19 0.10 0.00	46.42 0.00 0.00	48.43 0.15 0.00	57.74 0.48 0.00	71.80 1.22 0.00	45.43 0.75 0.00	41.50 0.73 0.00	34.26 0.64 0.00	28.89 0.62 0.00
ALCOA___DSASP 323711	19.69 0.23 0.00	20.86 -1.62 0.00	22.77 -2.14 0.00	27.52 -2.55 0.00	23.95 -1.96 0.00	22.26 -1.63 0.00	27.46 -2.28 0.00	33.21 -2.99 0.00	32.33 -3.23 0.00	32.87 -3.93 0.00	36.66 -4.06 0.00	35.37 -1.22 4.80	39.31 -0.13 0.00	44.37 0.17 0.00	43.34 0.10 0.00	42.19 0.10 0.00	46.42 0.00 0.00	48.43 0.15 0.00	57.74 0.48 0.00	71.81 1.22 0.00	45.43 0.75 0.00	41.50 0.73 0.00	34.26 0.64 0.00	28.89 0.62 0.00
ALLEGHENY___COGEN 23514	20.03 0.57 0.00	23.36 0.87 0.00	25.79 0.88 0.00	31.16 1.10 0.00	26.99 1.08 0.00	24.90 1.02 0.00	30.97 1.22 0.00	37.84 1.63 0.00	36.86 1.30 0.00	38.07 1.28 0.00	42.06 1.34 0.00	43.02 1.63 0.00	40.98 1.55 0.00	45.88 1.68 0.00	44.90 1.66 0.00	43.81 1.72 0.00	48.24 1.81 0.00	50.58 2.30 0.00	59.84 2.58 0.00	73.69 3.11 0.00	46.78 2.10 0.00	42.45 1.68 0.00	35.06 1.44 0.00	29.94 1.67 0.00
ALTAMONT_115KV_TB 2 55880	19.65 0.20 0.00	22.93 0.44 0.00	25.41 0.50 0.00	30.65 0.58 0.00	26.40 0.49 0.00	24.33 0.45 0.00	30.26 0.51 0.00	36.65 0.45 0.00	35.98 0.42 0.00	37.21 0.41 0.00	41.10 0.38 0.00	41.89 0.49 0.00	39.96 0.53 0.00	44.43 0.22 0.00	43.48 0.24 0.00	42.32 0.23 0.00	46.73 0.31 0.00	48.45 0.17 0.00	57.36 0.10 0.00	70.44 -0.15 0.00	44.61 -0.07 0.00	40.75 -0.03 0.00	33.61 -0.01 0.00	28.22 -0.05 0.00
ALTONA_WT_PWR 323606	19.79 0.34 0.00	20.97 -1.52 0.00	22.70 -2.21 0.00	27.38 -2.69 0.00	23.85 -2.06 0.00	22.05 -1.83 0.00	26.86 -2.89 0.00	32.37 -3.84 0.00	31.49 -4.07 0.00	31.91 -4.88 0.00	35.47 -5.25 0.00	34.01 -2.59 4.80	38.09 -1.34 0.00	42.33 -1.88 0.00	41.49 -1.74 0.00	40.47 -1.62 0.00	44.42 -2.00 0.00	46.26 -2.02 0.00	55.51 -1.75 0.00	69.42 -1.17 0.00	43.79 -0.89 0.00	40.62 -0.15 0.00	34.17 0.55 0.00	28.92 0.65 0.00
AMERICAN_REF_FUEL 24010	19.08 -0.37 0.00	22.29 -0.20 0.00	24.61 -0.30 0.00	29.74 -0.33 0.00	25.77 -0.14 0.00	23.64 -0.25 0.00	28.88 -0.87 0.00	34.48 -1.72 0.00	33.71 -1.84 0.00	34.86 -1.94 0.00	38.86 -1.86 0.00	40.02 -1.38 0.00	38.33 -1.10 0.00	43.01 -1.20 0.00	42.10 -1.14 0.00	40.83 -1.27 0.00	44.42 -2.00 0.00	46.11 -2.17 0.00	54.30 -2.96 0.00	66.47 -4.12 0.00	42.47 -2.21 0.00	38.62 -2.15 0.00	32.31 -1.31 0.00	28.25 -0.02 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.27 -0.19 0.00	22.53 0.04 0.00	24.90 -0.01 0.00	30.16 0.09 0.00	26.16 0.26 0.00	24.13 0.25 0.00	29.90 0.16 0.00	35.94 -0.27 0.00	34.98 -0.58 0.00	36.30 -0.49 0.00	40.74 0.02 0.00	41.75 0.35 0.00	39.42 -0.01 0.00	44.45 0.25 0.00	43.52 0.29 0.00	42.26 0.17 0.00	45.99 -0.43 0.00	48.16 -0.11 0.00	57.06 -0.20 0.00	70.10 -0.49 0.00	44.51 -0.16 0.00	40.13 -0.64 0.00	33.55 -0.06 0.00	29.06 0.80 0.00
ARTHUR KILL_GT_1 23520	20.19 0.73 0.00	23.52 1.03 0.00	25.94 1.03 0.00	31.22 1.15 0.00	26.94 1.03 0.00	24.95 1.07 0.00	31.18 1.43 0.00	37.74 1.54 0.00	37.12 1.56 0.00	38.28 1.49 0.00	42.33 1.62 0.00	43.25 1.86 0.00	41.21 1.78 0.00	45.48 1.28 0.00	44.48 1.24 0.00	43.45 1.36 0.00	48.08 1.65 0.00	50.03 1.76 0.00	59.33 2.06 0.00	72.54 1.95 0.00	45.81 1.13 0.00	41.96 1.19 0.00	34.80 1.18 0.00	29.18 0.92 0.00
ARTHUR_KILL_2 23512	20.13 0.68 0.00	23.45 0.96 0.00	25.88 0.96 0.00	31.13 1.06 0.00	26.87 0.96 0.00	24.89 1.00 0.00	31.09 1.35 0.00	37.64 1.44 0.00	37.01 1.45 0.00	38.17 1.37 0.00	42.21 1.49 0.00	43.13 1.73 0.00	41.09 1.66 0.00	45.35 1.15 0.00	44.36 1.12 0.00	43.32 1.23 0.00	47.93 1.50 0.00	49.88 1.60 0.00	59.14 1.88 0.00	72.31 1.72 0.00	45.67 0.99 0.00	41.83 1.06 0.00	34.70 1.08 0.00	29.10 0.83 0.00
ARTHUR_KILL_3 23513	20.19 0.73 0.00	23.51 1.03 0.00	25.93 1.02 0.00	31.30 1.23 0.00	27.03 1.12 0.00	25.01 1.12 0.00	31.25 1.50 0.00	37.92 1.72 0.00	37.19 1.63 0.00	38.48 1.68 0.00	42.49 1.77 0.00	43.44 2.04 0.00	41.36 1.93 0.00	45.69 1.49 0.00	44.67 1.44 0.00	43.61 1.52 0.00	48.23 1.81 0.00	50.17 1.90 0.00	59.47 2.21 0.00	72.70 2.11 0.00	45.84 1.16 0.00	41.96 1.19 0.00	34.65 1.03 0.00	29.04 0.77 0.00

ARTHUR_KILL_COGEN 323718	20.18 0.73 0.00	23.52 1.03 0.00	25.94 1.03 0.00	31.21 1.14 0.00	26.94 1.03 0.00	24.95 1.07 0.00	31.18 1.43 0.00	37.74 1.54 0.00	37.12 1.56 0.00	38.28 1.48 0.00	42.33 1.61 0.00	43.25 1.86 0.00	41.21 1.78 0.00	45.48 1.28 0.00	44.48 1.24 0.00	43.45 1.36 0.00	48.07 1.65 0.00	50.03 1.75 0.00	59.33 2.06 0.00	72.53 1.94 0.00	45.81 1.12 0.00	41.96 1.19 0.00	34.80 1.18 0.00	29.18 0.91 0.00
ASHOKAN____ 23654	19.95 0.49 0.00	23.23 0.74 0.00	25.74 0.83 0.00	31.02 0.95 0.00	26.76 0.85 0.00	24.82 0.93 0.00	30.97 1.23 0.00	37.63 1.42 0.00	37.03 1.48 0.00	38.52 1.72 0.00	42.27 1.55 0.00	43.11 1.71 0.00	41.17 1.74 0.00	45.70 1.50 0.00	44.69 1.45 0.00	43.49 1.40 0.00	48.05 1.63 0.00	49.92 1.65 0.00	59.22 1.95 0.00	72.49 1.90 0.00	45.78 1.10 0.00	41.74 0.97 0.00	34.33 0.71 0.00	28.75 0.49 0.00
ASTORIA_EAST_ENERGY_CC1 323581	20.24 0.78 0.00	23.57 1.08 0.00	26.02 1.11 0.00	31.17 1.10 0.01	26.84 0.94 0.01	24.90 1.02 0.00	31.12 1.37 0.00	37.81 1.60 0.00	37.18 1.62 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.51 2.11 0.00	41.46 2.03 0.00	45.75 1.55 0.00	44.73 1.50 0.00	43.67 1.58 0.00	48.27 1.84 0.00	50.23 1.96 0.00	59.52 2.26 0.00	72.79 2.21 0.00	45.95 1.27 0.00	42.04 1.27 0.00	34.72 1.10 0.00	29.08 0.81 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.23 0.77 0.00	23.55 1.07 0.00	26.00 1.09 0.00	31.14 1.08 0.01	26.83 0.92 0.01	24.89 1.01 0.00	31.11 1.36 0.00	37.79 1.59 0.00	37.15 1.59 0.00	38.48 1.68 0.00	42.55 1.83 0.00	43.49 2.09 0.00	41.44 2.01 0.00	45.73 1.53 0.00	44.70 1.47 0.00	43.64 1.55 0.00	48.24 1.82 0.00	50.20 1.93 0.00	59.49 2.23 0.00	72.74 2.16 0.00	45.92 1.24 0.00	42.01 1.24 0.00	34.71 1.09 0.00	29.07 0.80 0.00
ASTORIA_GT2_1 24094	20.24 0.78 0.00	23.57 1.09 0.00	26.02 1.11 0.00	31.17 1.10 0.00	26.85 0.94 0.00	24.90 1.02 0.00	31.12 1.37 0.00	37.81 1.60 0.00	37.18 1.62 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.51 2.11 0.00	41.46 2.03 0.00	45.76 1.55 0.00	44.73 1.49 0.00	43.67 1.58 0.00	48.27 1.84 0.00	50.23 1.96 0.00	59.52 2.26 0.00	72.79 2.21 0.00	45.95 1.27 0.00	42.04 1.27 0.00	34.72 1.10 0.00	29.08 0.81 0.00
ASTORIA_GT2_2 24095	20.24 0.78 0.00	23.57 1.09 0.00	26.02 1.11 0.00	31.17 1.10 0.00	26.85 0.94 0.00	24.90 1.02 0.00	31.12 1.37 0.00	37.81 1.60 0.00	37.18 1.62 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.51 2.11 0.00	41.46 2.03 0.00	45.76 1.55 0.00	44.73 1.49 0.00	43.67 1.58 0.00	48.27 1.84 0.00	50.23 1.96 0.00	59.52 2.26 0.00	72.79 2.21 0.00	45.95 1.27 0.00	42.04 1.27 0.00	34.72 1.10 0.00	29.08 0.81 0.00
ASTORIA_GT2_3 24096	20.24 0.78 0.00	23.57 1.09 0.00	26.02 1.11 0.00	31.17 1.10 0.00	26.85 0.94 0.00	24.90 1.02 0.00	31.12 1.37 0.00	37.81 1.60 0.00	37.18 1.62 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.51 2.11 0.00	41.46 2.03 0.00	45.76 1.55 0.00	44.73 1.49 0.00	43.67 1.58 0.00	48.27 1.84 0.00	50.23 1.96 0.00	59.52 2.26 0.00	72.79 2.21 0.00	45.95 1.27 0.00	42.04 1.27 0.00	34.72 1.10 0.00	29.08 0.81 0.00
ASTORIA_GT2_4 24097	20.24 0.78 0.00	23.57 1.09 0.00	26.02 1.11 0.00	31.17 1.10 0.00	26.85 0.94 0.00	24.90 1.02 0.00	31.12 1.37 0.00	37.81 1.60 0.00	37.18 1.62 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.51 2.11 0.00	41.46 2.03 0.00	45.76 1.55 0.00	44.73 1.49 0.00	43.67 1.58 0.00	48.27 1.84 0.00	50.23 1.96 0.00	59.52 2.26 0.00	72.79 2.21 0.00	45.95 1.27 0.00	42.04 1.27 0.00	34.72 1.10 0.00	29.08 0.81 0.00
ASTORIA_GT3_1 24098	20.24 0.78 0.00	23.57 1.09 0.00	26.02 1.11 0.00	31.17 1.10 0.00	26.85 0.94 0.00	24.90 1.02 0.00	31.12 1.37 0.00	37.81 1.60 0.00	37.18 1.62 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.51 2.11 0.00	41.46 2.03 0.00	45.76 1.55 0.00	44.73 1.49 0.00	43.67 1.58 0.00	48.27 1.84 0.00	50.23 1.96 0.00	59.52 2.26 0.00	72.79 2.21 0.00	45.95 1.27 0.00	42.04 1.27 0.00	34.72 1.10 0.00	29.08 0.81 0.00
ASTORIA_GT3_2 24099	20.24 0.78 0.00	23.57 1.09 0.00	26.02 1.11 0.00	31.17 1.10 0.00	26.85 0.94 0.00	24.90 1.02 0.00	31.12 1.37 0.00	37.81 1.60 0.00	37.18 1.62 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.51 2.11 0.00	41.46 2.03 0.00	45.76 1.55 0.00	44.73 1.49 0.00	43.67 1.58 0.00	48.27 1.84 0.00	50.23 1.96 0.00	59.52 2.26 0.00	72.79 2.21 0.00	45.95 1.27 0.00	42.04 1.27 0.00	34.72 1.10 0.00	29.08 0.81 0.00
ASTORIA_GT3_3 24100	20.24 0.78 0.00	23.57 1.09 0.00	26.02 1.11 0.00	31.17 1.10 0.00	26.85 0.94 0.00	24.90 1.02 0.00	31.12 1.37 0.00	37.81 1.60 0.00	37.18 1.62 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.51 2.11 0.00	41.46 2.03 0.00	45.76 1.55 0.00	44.73 1.49 0.00	43.67 1.58 0.00	48.27 1.84 0.00	50.23 1.96 0.00	59.52 2.26 0.00	72.79 2.21 0.00	45.95 1.27 0.00	42.04 1.27 0.00	34.72 1.10 0.00	29.08 0.81 0.00
ASTORIA_GT3_4 24101	20.24 0.78 0.00	23.57 1.09 0.00	26.02 1.11 0.00	31.17 1.10 0.00	26.85 0.94 0.00	24.90 1.02 0.00	31.12 1.37 0.00	37.81 1.60 0.00	37.18 1.62 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.51 2.11 0.00	41.46 2.03 0.00	45.76 1.55 0.00	44.73 1.49 0.00	43.67 1.58 0.00	48.27 1.84 0.00	50.23 1.96 0.00	59.52 2.26 0.00	72.79 2.21 0.00	45.95 1.27 0.00	42.04 1.27 0.00	34.72 1.10 0.00	29.08 0.81 0.00
ASTORIA_GT4_1 24102	20.24 0.78 0.00	23.57 1.09 0.00	26.02 1.11 0.00	31.17 1.10 0.00	26.85 0.94 0.00	24.90 1.02 0.00	31.12 1.37 0.00	37.81 1.60 0.00	37.18 1.62 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.51 2.11 0.00	41.46 2.03 0.00	45.76 1.55 0.00	44.73 1.49 0.00	43.67 1.58 0.00	48.27 1.84 0.00	50.23 1.96 0.00	59.52 2.26 0.00	72.79 2.21 0.00	45.95 1.27 0.00	42.04 1.27 0.00	34.72 1.10 0.00	29.08 0.81 0.00
ASTORIA_GT4_2 24103	20.24 0.78 0.00	23.57 1.09 0.00	26.02 1.11 0.00	31.17 1.10 0.00	26.85 0.94 0.00	24.90 1.02 0.00	31.12 1.37 0.00	37.81 1.60 0.00	37.18 1.62 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.51 2.11 0.00	41.46 2.03 0.00	45.76 1.55 0.00	44.73 1.49 0.00	43.67 1.58 0.00	48.27 1.84 0.00	50.23 1.96 0.00	59.52 2.26 0.00	72.79 2.21 0.00	45.95 1.27 0.00	42.04 1.27 0.00	34.72 1.10 0.00	29.08 0.81 0.00
ASTORIA_GT4_3 24104	20.24 0.78 0.00	23.57 1.09 0.00	26.02 1.11 0.00	31.17 1.10 0.00	26.85 0.94 0.00	24.90 1.02 0.00	31.12 1.37 0.00	37.81 1.60 0.00	37.18 1.62 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.51 2.11 0.00	41.46 2.03 0.00	45.76 1.55 0.00	44.73 1.49 0.00	43.67 1.58 0.00	48.27 1.84 0.00	50.23 1.96 0.00	59.52 2.26 0.00	72.79 2.21 0.00	45.95 1.27 0.00	42.04 1.27 0.00	34.72 1.10 0.00	29.08 0.81 0.00

ASTORIA_GT4_4 24105	20.24 0.78 0.00	23.57 1.09 0.00	26.02 1.11 0.00	31.17 1.10 0.00	26.85 0.94 0.00	24.90 1.02 0.00	31.12 1.37 0.00	37.81 1.60 0.00	37.18 1.62 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.51 2.11 0.00	41.46 2.03 0.00	45.76 1.55 0.00	44.73 1.49 0.00	43.67 1.58 0.00	48.27 1.84 0.00	50.23 1.96 0.00	59.52 2.26 0.00	72.79 2.21 0.00	45.95 1.27 0.00	42.04 1.27 0.00	34.72 1.10 0.00	29.08 0.81 0.00
ASTORIA_GT_1 23523	20.27 0.82 0.00	23.61 1.12 0.00	26.06 1.15 0.00	31.22 1.15 0.00	26.89 0.98 0.00	24.94 1.06 0.00	31.17 1.43 0.00	37.88 1.68 0.00	37.25 1.69 0.00	38.58 1.78 0.00	42.66 1.94 0.00	43.59 2.20 0.00	41.55 2.12 0.00	45.85 1.65 0.00	44.83 1.60 0.00	43.76 1.66 0.00	48.36 1.94 0.00	50.34 2.07 0.00	59.64 2.37 0.00	72.94 2.36 0.00	46.04 1.36 0.00	42.12 1.35 0.00	34.79 1.17 0.00	29.13 0.86 0.00
ASTORIA_GT_10 24110	20.27 0.81 0.00	23.61 1.12 0.00	26.06 1.14 0.00	31.36 1.29 0.00	27.05 1.14 0.00	25.06 1.17 0.00	31.32 1.57 0.00	37.96 1.75 0.00	37.20 1.64 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.50 2.10 0.00	41.46 2.03 0.00	45.77 1.57 0.00	44.75 1.52 0.00	43.69 1.59 0.00	48.29 1.87 0.00	50.24 1.96 0.00	59.52 2.26 0.00	72.74 2.15 0.00	45.94 1.26 0.00	42.08 1.31 0.00	34.84 1.22 0.00	29.20 0.93 0.00
ASTORIA_GT_11 24225	20.27 0.81 0.00	23.61 1.12 0.00	26.06 1.14 0.00	31.36 1.29 0.00	27.05 1.14 0.00	25.06 1.17 0.00	31.32 1.57 0.00	37.96 1.75 0.00	37.20 1.64 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.50 2.10 0.00	41.46 2.03 0.00	45.77 1.57 0.00	44.75 1.52 0.00	43.69 1.59 0.00	48.29 1.87 0.00	50.24 1.96 0.00	59.52 2.26 0.00	72.74 2.15 0.00	45.94 1.26 0.00	42.08 1.31 0.00	34.84 1.22 0.00	29.20 0.93 0.00
ASTORIA_GT_12 24226	20.27 0.81 0.00	23.61 1.12 0.00	26.06 1.14 0.00	31.36 1.29 0.00	27.05 1.14 0.00	25.06 1.17 0.00	31.32 1.57 0.00	37.96 1.75 0.00	37.20 1.64 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.50 2.10 0.00	41.46 2.03 0.00	45.77 1.57 0.00	44.75 1.52 0.00	43.69 1.59 0.00	48.29 1.87 0.00	50.24 1.96 0.00	59.52 2.26 0.00	72.74 2.15 0.00	45.94 1.26 0.00	42.08 1.31 0.00	34.84 1.22 0.00	29.20 0.93 0.00
ASTORIA_GT_13 24227	20.27 0.81 0.00	23.61 1.12 0.00	26.06 1.14 0.00	31.36 1.29 0.00	27.05 1.14 0.00	25.06 1.17 0.00	31.32 1.57 0.00	37.96 1.75 0.00	37.20 1.64 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.50 2.10 0.00	41.46 2.03 0.00	45.77 1.57 0.00	44.75 1.52 0.00	43.69 1.59 0.00	48.29 1.87 0.00	50.24 1.96 0.00	59.52 2.26 0.00	72.74 2.15 0.00	45.94 1.26 0.00	42.08 1.31 0.00	34.84 1.22 0.00	29.20 0.93 0.00
ASTORIA_GT_5 24106	20.27 0.82 0.00	23.61 1.12 0.00	26.06 1.15 0.00	31.22 1.15 0.00	26.89 0.98 0.00	24.94 1.06 0.00	31.17 1.43 0.00	37.88 1.68 0.00	37.25 1.69 0.00	38.58 1.78 0.00	42.66 1.94 0.00	43.59 2.20 0.00	41.55 2.12 0.00	45.85 1.65 0.00	44.83 1.60 0.00	43.76 1.66 0.00	48.36 1.94 0.00	50.34 2.07 0.00	59.64 2.37 0.00	72.94 2.36 0.00	46.04 1.36 0.00	42.12 1.35 0.00	34.79 1.17 0.00	29.13 0.86 0.00
ASTORIA_GT_7 24107	20.27 0.82 0.00	23.61 1.12 0.00	26.06 1.15 0.00	31.22 1.15 0.00	26.89 0.98 0.00	24.94 1.06 0.00	31.17 1.43 0.00	37.88 1.68 0.00	37.25 1.69 0.00	38.58 1.78 0.00	42.66 1.94 0.00	43.59 2.20 0.00	41.55 2.12 0.00	45.85 1.65 0.00	44.83 1.60 0.00	43.76 1.66 0.00	48.36 1.94 0.00	50.34 2.07 0.00	59.64 2.37 0.00	72.94 2.36 0.00	46.04 1.36 0.00	42.12 1.35 0.00	34.79 1.17 0.00	29.13 0.86 0.00
ASTORIA_GT_8 24108	20.27 0.82 0.00	23.61 1.12 0.00	26.06 1.15 0.00	31.22 1.15 0.00	26.89 0.98 0.00	24.94 1.06 0.00	31.17 1.43 0.00	37.88 1.68 0.00	37.25 1.69 0.00	38.58 1.78 0.00	42.66 1.94 0.00	43.59 2.20 0.00	41.55 2.12 0.00	45.85 1.65 0.00	44.83 1.60 0.00	43.76 1.66 0.00	48.36 1.94 0.00	50.34 2.07 0.00	59.64 2.37 0.00	72.94 2.36 0.00	46.04 1.36 0.00	42.12 1.35 0.00	34.79 1.17 0.00	29.13 0.86 0.00
ASTORIA___2 24149	20.24 0.78 0.00	23.57 1.08 0.00	26.02 1.11 0.00	31.17 1.10 0.01	26.84 0.94 0.01	24.90 1.02 0.00	31.12 1.37 0.00	37.81 1.60 0.00	37.18 1.62 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.51 2.11 0.00	41.46 2.03 0.00	45.75 1.55 0.00	44.73 1.50 0.00	43.67 1.58 0.00	48.27 1.84 0.00	50.23 1.96 0.00	59.52 2.26 0.00	72.79 2.21 0.00	45.95 1.27 0.00	42.04 1.27 0.00	34.72 1.10 0.00	29.08 0.81 0.00
ASTORIA___3 23516	20.27 0.81 0.00	23.61 1.12 0.00	26.06 1.14 0.00	31.35 1.29 0.00	27.05 1.14 0.00	25.06 1.17 0.00	31.32 1.57 0.00	37.96 1.75 0.00	37.20 1.64 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.50 2.10 0.00	41.45 2.02 0.00	45.77 1.57 0.00	44.75 1.51 0.00	43.68 1.59 0.00	48.29 1.87 0.00	50.24 1.96 0.00	59.52 2.26 0.00	72.74 2.15 0.00	45.93 1.26 0.00	42.09 1.32 0.00	34.84 1.22 0.00	29.20 0.93 0.00
ASTORIA___4 23517	20.26 0.81 0.00	23.61 1.12 0.00	26.06 1.14 0.00	31.35 1.29 0.00	27.05 1.14 0.00	25.06 1.17 0.00	31.32 1.57 0.00	37.96 1.75 0.00	37.20 1.64 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.50 2.10 0.00	41.46 2.03 0.00	45.77 1.57 0.00	44.75 1.51 0.00	43.69 1.59 0.00	48.29 1.87 0.00	50.24 1.96 0.00	59.52 2.26 0.00	72.74 2.15 0.00	45.94 1.26 0.00	42.08 1.31 0.00	34.84 1.22 0.00	29.20 0.93 0.00
ASTORIA___5 23518	20.27 0.81 0.00	23.61 1.12 0.00	26.06 1.14 0.00	31.35 1.29 0.00	27.05 1.14 0.00	25.06 1.17 0.00	31.32 1.57 0.00	37.96 1.75 0.00	37.20 1.64 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.50 2.10 0.00	41.45 2.02 0.00	45.77 1.57 0.00	44.75 1.51 0.00	43.68 1.59 0.00	48.29 1.87 0.00	50.24 1.96 0.00	59.52 2.26 0.00	72.74 2.15 0.00	45.93 1.26 0.00	42.09 1.32 0.00	34.84 1.22 0.00	29.20 0.93 0.00
AST_ENERGY_2_CC3 323677	20.03 0.58 0.00	23.33 0.85 0.00	25.75 0.83 0.00	30.84 0.77 0.01	26.56 0.66 0.01	24.64 0.76 0.00	30.81 1.06 0.00	37.42 1.22 0.00	36.80 1.24 0.00	38.11 1.31 0.00	42.14 1.42 0.00	43.06 1.66 0.00	41.04 1.61 0.00	45.28 1.07 0.00	44.27 1.04 0.00	43.22 1.13 0.00	47.78 1.35 0.00	49.72 1.44 0.00	58.91 1.64 0.00	72.04 1.45 0.00	45.47 0.79 0.00	41.61 0.83 0.00	34.37 0.75 0.00	28.79 0.52 0.00
AST_ENERGY_2_CC4 323678	20.03 0.58 0.00	23.33 0.85 0.00	25.75 0.83 0.00	30.84 0.77 0.01	26.56 0.66 0.01	24.64 0.76 0.00	30.81 1.06 0.00	37.42 1.22 0.00	36.80 1.24 0.00	38.11 1.31 0.00	42.14 1.42 0.00	43.06 1.66 0.00	41.04 1.61 0.00	45.28 1.07 0.00	44.27 1.04 0.00	43.22 1.13 0.00	47.78 1.35 0.00	49.72 1.44 0.00	58.91 1.64 0.00	72.04 1.45 0.00	45.47 0.79 0.00	41.61 0.83 0.00	34.37 0.75 0.00	28.79 0.52 0.00

ATHENS_STG_1 23668	19.79 0.34 0.00	23.09 0.61 0.00	25.61 0.70 0.00	30.89 0.82 0.00	26.60 0.69 0.00	24.49 0.61 0.00	30.52 0.77 0.00	37.01 0.80 0.00	36.35 0.79 0.00	37.63 0.84 0.00	41.62 0.90 0.00	42.46 1.07 0.00	40.49 1.06 0.00	44.95 0.74 0.00	43.96 0.72 0.00	42.83 0.74 0.00	47.32 0.89 0.00	49.08 0.81 0.00	58.08 0.82 0.00	71.22 0.63 0.00	45.10 0.42 0.00	41.23 0.46 0.00	34.01 0.39 0.00	28.52 0.25 0.00
ATHENS_STG_2 23670	19.79 0.34 0.00	23.09 0.61 0.00	25.61 0.70 0.00	30.89 0.82 0.00	26.60 0.69 0.00	24.49 0.61 0.00	30.52 0.77 0.00	37.01 0.80 0.00	36.35 0.79 0.00	37.63 0.84 0.00	41.62 0.90 0.00	42.46 1.07 0.00	40.49 1.06 0.00	44.95 0.74 0.00	43.96 0.72 0.00	42.83 0.74 0.00	47.32 0.89 0.00	49.08 0.81 0.00	58.08 0.82 0.00	71.22 0.63 0.00	45.10 0.42 0.00	41.23 0.46 0.00	34.01 0.39 0.00	28.52 0.25 0.00
ATHENS_STG_3 23677	19.79 0.34 0.00	23.09 0.61 0.00	25.61 0.70 0.00	30.89 0.82 0.00	26.60 0.69 0.00	24.49 0.61 0.00	30.52 0.77 0.00	37.01 0.80 0.00	36.35 0.79 0.00	37.63 0.84 0.00	41.62 0.90 0.00	42.46 1.07 0.00	40.49 1.06 0.00	44.95 0.74 0.00	43.96 0.72 0.00	42.83 0.74 0.00	47.32 0.89 0.00	49.08 0.81 0.00	58.08 0.82 0.00	71.22 0.63 0.00	45.10 0.42 0.00	41.23 0.46 0.00	34.01 0.39 0.00	28.52 0.25 0.00
AUBURN___LFGE 323710	19.52 0.07 0.00	22.70 0.21 0.00	25.15 0.24 0.00	30.37 0.30 0.00	26.12 0.21 0.00	24.16 0.27 0.00	30.13 0.39 0.00	36.80 0.60 0.00	36.08 0.52 0.00	37.38 0.58 0.00	41.42 0.70 0.00	42.00 0.60 0.00	40.06 0.63 0.00	44.67 0.47 0.00	43.69 0.45 0.00	42.78 0.69 0.00	47.02 0.60 0.00	49.02 0.74 0.00	58.24 0.98 0.00	71.58 0.99 0.00	45.26 0.58 0.00	41.19 0.42 0.00	33.93 0.32 0.00	28.49 0.22 0.00
BABYLON_RES_REC 323704	19.95 0.50 0.00	23.32 0.83 0.00	25.86 0.94 0.00	31.16 1.09 0.00	26.91 1.00 0.00	24.81 0.93 0.00	30.75 1.01 0.00	37.35 1.14 0.00	36.79 1.24 0.00	38.21 1.41 0.00	42.52 1.80 0.00	43.40 2.01 0.00	41.61 2.14 -0.04	45.52 1.32 0.00	44.52 1.28 0.00	43.40 1.31 0.00	47.89 1.47 0.00	49.81 1.54 0.00	58.80 1.54 0.00	65.54 1.12 6.16	45.42 0.74 0.00	39.37 0.61 2.01	34.31 0.69 0.00	28.88 0.61 0.00
BALL_HILL_WT_PWR 323825	19.28 -0.18 0.00	22.56 0.08 0.00	24.94 0.03 0.00	30.16 0.10 0.00	26.14 0.23 0.00	24.04 0.16 0.00	29.66 -0.08 0.00	35.69 -0.52 0.00	34.78 -0.77 0.00	36.02 -0.78 0.00	40.25 -0.47 0.00	41.34 -0.05 0.00	39.27 -0.16 0.00	44.12 -0.08 0.00	43.14 -0.09 0.00	41.87 -0.22 0.00	45.76 -0.66 0.00	47.73 -0.55 0.00	56.44 -0.82 0.00	69.17 -1.41 0.00	43.98 -0.70 0.00	39.84 -0.93 0.00	33.20 -0.42 0.00	28.79 0.52 0.00
BARON_WINDS___WT_PWR 323822	19.15 -0.31 0.00	22.47 -0.02 0.00	24.85 -0.06 0.00	30.02 -0.05 0.00	25.98 0.07 0.00	23.89 0.01 0.00	29.57 -0.18 0.00	35.94 -0.27 0.00	35.02 -0.54 0.00	36.25 -0.55 0.00	40.22 -0.50 0.00	41.20 -0.20 0.00	39.16 -0.28 0.00	43.96 -0.24 0.00	42.91 -0.32 0.00	41.67 -0.42 0.00	45.87 -0.56 0.00	47.94 -0.34 0.00	56.67 -0.59 0.00	69.57 -1.02 0.00	44.22 -0.46 0.00	40.37 -0.40 0.00	33.51 -0.10 0.00	28.68 0.41 0.00
BARRETT_IC_1 23704	19.98 0.52 0.00	23.30 0.82 0.00	25.81 0.89 0.00	31.11 1.04 0.00	26.87 0.96 0.00	24.79 0.90 0.00	30.73 0.98 0.00	37.25 1.05 0.00	36.60 1.04 0.00	37.99 1.19 0.00	42.22 1.50 0.00	43.07 1.68 0.00	41.19 1.73 -0.04	45.23 1.02 0.00	44.25 1.01 0.00	43.14 1.05 0.00	47.64 1.22 0.00	49.57 1.29 0.00	58.56 1.30 0.00	71.08 0.82 0.32	45.27 0.59 0.00	41.16 0.52 0.13	34.20 0.59 0.00	28.79 0.52 0.00
BARRETT_IC_10 23701	19.98 0.52 0.00	23.30 0.82 0.00	25.81 0.89 0.00	31.11 1.04 0.00	26.87 0.96 0.00	24.79 0.90 0.00	30.73 0.98 0.00	37.25 1.05 0.00	36.60 1.04 0.00	37.99 1.19 0.00	42.22 1.50 0.00	43.07 1.68 0.00	41.19 1.73 -0.04	45.23 1.02 0.00	44.25 1.01 0.00	43.14 1.05 0.00	47.64 1.22 0.00	49.57 1.29 0.00	58.56 1.30 0.00	71.08 0.82 0.32	45.27 0.59 0.00	41.16 0.52 0.13	34.20 0.59 0.00	28.79 0.52 0.00
BARRETT_IC_11 23702	19.98 0.52 0.00	23.30 0.82 0.00	25.81 0.89 0.00	31.11 1.04 0.00	26.87 0.96 0.00	24.79 0.90 0.00	30.73 0.98 0.00	37.25 1.05 0.00	36.60 1.04 0.00	37.99 1.19 0.00	42.22 1.50 0.00	43.07 1.68 0.00	41.19 1.73 -0.04	45.23 1.02 0.00	44.25 1.01 0.00	43.14 1.05 0.00	47.64 1.22 0.00	49.57 1.29 0.00	58.56 1.30 0.00	71.08 0.82 0.32	45.27 0.59 0.00	41.16 0.52 0.13	34.20 0.59 0.00	28.79 0.52 0.00
BARRETT_IC_12 23703	19.98 0.52 0.00	23.30 0.82 0.00	25.81 0.89 0.00	31.11 1.04 0.00	26.87 0.96 0.00	24.79 0.90 0.00	30.73 0.98 0.00	37.25 1.05 0.00	36.60 1.04 0.00	37.99 1.19 0.00	42.22 1.50 0.00	43.07 1.68 0.00	41.19 1.73 -0.04	45.23 1.02 0.00	44.25 1.01 0.00	43.14 1.05 0.00	47.64 1.22 0.00	49.57 1.29 0.00	58.56 1.30 0.00	71.08 0.82 0.32	45.27 0.59 0.00	41.16 0.52 0.13	34.20 0.59 0.00	28.79 0.52 0.00
BARRETT_IC_2 23705	19.98 0.52 0.00	23.30 0.82 0.00	25.81 0.89 0.00	31.11 1.04 0.00	26.87 0.96 0.00	24.79 0.90 0.00	30.73 0.98 0.00	37.25 1.05 0.00	36.60 1.04 0.00	37.99 1.19 0.00	42.22 1.50 0.00	43.07 1.68 0.00	41.19 1.73 -0.04	45.23 1.02 0.00	44.25 1.01 0.00	43.14 1.05 0.00	47.64 1.22 0.00	49.57 1.29 0.00	58.56 1.30 0.00	71.08 0.82 0.32	45.27 0.59 0.00	41.16 0.52 0.13	34.20 0.59 0.00	28.79 0.52 0.00
BARRETT_IC_3 23706	19.98 0.52 0.00	23.30 0.82 0.00	25.81 0.89 0.00	31.11 1.04 0.00	26.87 0.96 0.00	24.79 0.90 0.00	30.73 0.98 0.00	37.25 1.05 0.00	36.60 1.04 0.00	37.99 1.19 0.00	42.22 1.50 0.00	43.07 1.68 0.00	41.19 1.73 -0.04	45.23 1.02 0.00	44.25 1.01 0.00	43.14 1.05 0.00	47.64 1.22 0.00	49.57 1.29 0.00	58.56 1.30 0.00	71.08 0.82 0.32	45.27 0.59 0.00	41.16 0.52 0.13	34.20 0.59 0.00	28.79 0.52 0.00
BARRETT_IC_4 23707	19.98 0.52 0.00	23.30 0.82 0.00	25.81 0.89 0.00	31.11 1.04 0.00	26.87 0.96 0.00	24.79 0.90 0.00	30.73 0.98 0.00	37.25 1.05 0.00	36.60 1.04 0.00	37.99 1.19 0.00	42.22 1.50 0.00	43.07 1.68 0.00	41.19 1.73 -0.04	45.23 1.02 0.00	44.25 1.01 0.00	43.14 1.05 0.00	47.64 1.22 0.00	49.57 1.29 0.00	58.56 1.30 0.00	71.08 0.82 0.32	45.27 0.59 0.00	41.16 0.52 0.13	34.20 0.59 0.00	28.79 0.52 0.00
BARRETT_IC_5 23708	19.98 0.52 0.00	23.30 0.82 0.00	25.81 0.89 0.00	31.11 1.04 0.00	26.87 0.96 0.00	24.79 0.90 0.00	30.73 0.98 0.00	37.25 1.05 0.00	36.60 1.04 0.00	37.99 1.19 0.00	42.22 1.50 0.00	43.07 1.68 0.00	41.19 1.73 -0.04	45.23 1.02 0.00	44.25 1.01 0.00	43.14 1.05 0.00	47.64 1.22 0.00	49.57 1.29 0.00	58.56 1.30 0.00	71.08 0.82 0.32	45.27 0.59 0.00	41.16 0.52 0.13	34.20 0.59 0.00	28.79 0.52 0.00

BARRETT_IC_6 23709	19.98 0.52 0.00	23.30 0.82 0.00	25.81 0.89 0.00	31.11 1.04 0.00	26.87 0.96 0.00	24.79 0.90 0.00	30.73 0.98 0.00	37.25 1.05 0.00	36.60 1.04 0.00	37.99 1.19 0.00	42.22 1.50 0.00	43.07 1.68 0.00	41.19 1.73 -0.04	45.23 1.02 0.00	44.25 1.01 0.00	43.14 1.05 0.00	47.64 1.22 0.00	49.57 1.29 0.00	58.56 1.30 0.00	71.08 0.82 0.32	45.27 0.59 0.00	41.16 0.52 0.13	34.20 0.59 0.00	28.79 0.52 0.00
BARRETT_IC_7 23710	19.98 0.52 0.00	23.30 0.82 0.00	25.81 0.89 0.00	31.11 1.04 0.00	26.87 0.96 0.00	24.79 0.90 0.00	30.73 0.99 0.00	37.25 1.05 0.00	36.61 1.05 0.00	37.99 1.20 0.00	42.23 1.51 0.00	43.07 1.68 0.00	41.22 1.76 -0.04	45.23 1.02 0.00	44.25 1.01 0.00	43.14 1.05 0.00	47.64 1.22 0.00	49.57 1.30 0.00	58.56 1.30 0.00	71.09 0.82 0.32	45.27 0.59 0.00	41.15 0.52 0.13	34.20 0.59 0.00	28.79 0.52 0.00
BARRETT_IC_8 23711	19.98 0.52 0.00	23.30 0.82 0.00	25.81 0.89 0.00	31.11 1.04 0.00	26.87 0.96 0.00	24.79 0.90 0.00	30.73 0.98 0.00	37.25 1.05 0.00	36.60 1.04 0.00	37.99 1.19 0.00	42.22 1.50 0.00	43.07 1.68 0.00	41.19 1.73 -0.04	45.23 1.02 0.00	44.25 1.01 0.00	43.14 1.05 0.00	47.64 1.22 0.00	49.57 1.29 0.00	58.56 1.30 0.00	71.08 0.82 0.32	45.27 0.59 0.00	41.16 0.52 0.13	34.20 0.59 0.00	28.79 0.52 0.00
BARRETT_IC_9 23700	19.98 0.52 0.00	23.30 0.82 0.00	25.81 0.89 0.00	31.11 1.04 0.00	26.87 0.96 0.00	24.79 0.90 0.00	30.73 0.98 0.00	37.25 1.05 0.00	36.60 1.04 0.00	37.99 1.19 0.00	42.22 1.50 0.00	43.07 1.68 0.00	41.19 1.73 -0.04	45.23 1.02 0.00	44.25 1.01 0.00	43.14 1.05 0.00	47.64 1.22 0.00	49.57 1.29 0.00	58.56 1.30 0.00	71.08 0.82 0.32	45.27 0.59 0.00	41.16 0.52 0.13	34.20 0.59 0.00	28.79 0.52 0.00
BARRETT___1 23545	19.98 0.52 0.00	23.30 0.82 0.00	25.81 0.89 0.00	31.11 1.04 0.00	26.87 0.96 0.00	24.79 0.90 0.00	30.73 0.98 0.00	37.25 1.05 0.00	36.60 1.04 0.00	37.99 1.19 0.00	42.22 1.50 0.00	43.07 1.68 0.00	41.19 1.73 -0.04	45.23 1.02 0.00	44.25 1.01 0.00	43.14 1.05 0.00	47.64 1.22 0.00	49.57 1.29 0.00	58.56 1.30 0.00	71.08 0.82 0.32	45.27 0.59 0.00	41.16 0.52 0.13	34.20 0.59 0.00	28.79 0.52 0.00
BARRETT___2 23546	19.98 0.52 0.00	23.30 0.82 0.00	25.81 0.89 0.00	31.11 1.04 0.00	26.87 0.96 0.00	24.79 0.90 0.00	30.73 0.98 0.00	37.25 1.05 0.00	36.60 1.04 0.00	37.99 1.19 0.00	42.22 1.50 0.00	43.07 1.68 0.00	41.19 1.73 -0.04	45.23 1.02 0.00	44.25 1.01 0.00	43.14 1.05 0.00	47.64 1.22 0.00	49.57 1.29 0.00	58.56 1.30 0.00	71.08 0.82 0.32	45.27 0.59 0.00	41.16 0.52 0.13	34.20 0.59 0.00	28.79 0.52 0.00
BATAVIA__115KV_TB1 55881	19.69 0.23 0.00	22.95 0.46 0.00	25.35 0.44 0.00	30.63 0.56 0.00	26.52 0.60 0.00	24.38 0.49 0.00	30.05 0.31 0.00	36.33 0.12 0.00	35.47 -0.09 0.00	36.60 -0.20 0.00	40.78 0.06 0.00	41.90 0.50 0.00	40.05 0.63 0.00	44.90 0.69 0.00	43.90 0.67 0.00	42.71 0.62 0.00	46.65 0.23 0.00	48.59 0.31 0.00	57.30 0.04 0.00	70.34 -0.24 0.00	44.72 0.04 0.00	40.57 -0.21 0.00	33.69 0.07 0.00	29.20 0.93 0.00
BAYONEEC___CTG1 323682	20.24 0.79 0.00	23.58 1.09 0.00	26.02 1.11 0.00	31.41 1.35 0.00	27.12 1.21 0.00	25.08 1.20 0.00	31.35 1.60 0.00	38.04 1.83 0.00	37.31 1.75 0.00	38.63 1.83 0.00	42.68 1.96 0.00	43.61 2.21 0.00	41.53 2.10 0.00	45.88 1.68 0.00	44.85 1.62 0.00	43.78 1.69 0.00	48.41 1.99 0.00	50.35 2.08 0.00	59.68 2.42 0.00	72.96 2.38 0.00	46.02 1.35 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.16 0.89 0.00
BAYONEEC___CTG10 323750	20.24 0.79 0.00	23.58 1.09 0.00	26.02 1.11 0.00	31.41 1.35 0.00	27.12 1.21 0.00	25.08 1.20 0.00	31.35 1.60 0.00	38.04 1.83 0.00	37.31 1.75 0.00	38.63 1.83 0.00	42.68 1.96 0.00	43.61 2.21 0.00	41.53 2.10 0.00	45.88 1.68 0.00	44.85 1.62 0.00	43.78 1.69 0.00	48.41 1.99 0.00	50.35 2.08 0.00	59.68 2.42 0.00	72.96 2.38 0.00	46.02 1.35 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.16 0.89 0.00
BAYONEEC___CTG2 323683	20.24 0.79 0.00	23.58 1.09 0.00	26.02 1.11 0.00	31.41 1.35 0.00	27.12 1.21 0.00	25.08 1.20 0.00	31.35 1.60 0.00	38.04 1.83 0.00	37.31 1.75 0.00	38.63 1.83 0.00	42.68 1.96 0.00	43.61 2.21 0.00	41.53 2.10 0.00	45.88 1.68 0.00	44.85 1.62 0.00	43.78 1.69 0.00	48.41 1.99 0.00	50.35 2.08 0.00	59.68 2.42 0.00	72.96 2.38 0.00	46.02 1.35 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.16 0.89 0.00
BAYONEEC___CTG3 323684	20.24 0.79 0.00	23.58 1.09 0.00	26.02 1.11 0.00	31.41 1.35 0.00	27.12 1.21 0.00	25.08 1.20 0.00	31.35 1.60 0.00	38.04 1.83 0.00	37.31 1.75 0.00	38.63 1.83 0.00	42.68 1.96 0.00	43.61 2.21 0.00	41.53 2.10 0.00	45.88 1.68 0.00	44.85 1.62 0.00	43.78 1.69 0.00	48.41 1.99 0.00	50.35 2.08 0.00	59.68 2.42 0.00	72.96 2.38 0.00	46.02 1.35 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.16 0.89 0.00
BAYONEEC___CTG4 323685	20.24 0.79 0.00	23.58 1.09 0.00	26.02 1.11 0.00	31.41 1.35 0.00	27.12 1.21 0.00	25.08 1.20 0.00	31.35 1.60 0.00	38.04 1.83 0.00	37.31 1.75 0.00	38.63 1.83 0.00	42.68 1.96 0.00	43.61 2.21 0.00	41.53 2.10 0.00	45.88 1.68 0.00	44.85 1.62 0.00	43.78 1.69 0.00	48.41 1.99 0.00	50.35 2.08 0.00	59.68 2.42 0.00	72.96 2.38 0.00	46.02 1.35 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.16 0.89 0.00
BAYONEEC___CTG5 323686	20.24 0.79 0.00	23.58 1.09 0.00	26.02 1.11 0.00	31.41 1.35 0.00	27.12 1.21 0.00	25.08 1.20 0.00	31.35 1.60 0.00	38.04 1.83 0.00	37.31 1.75 0.00	38.63 1.83 0.00	42.68 1.96 0.00	43.61 2.21 0.00	41.53 2.10 0.00	45.88 1.68 0.00	44.85 1.62 0.00	43.78 1.69 0.00	48.41 1.99 0.00	50.35 2.08 0.00	59.68 2.42 0.00	72.96 2.38 0.00	46.02 1.35 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.16 0.89 0.00
BAYONEEC___CTG6 323687	20.24 0.79 0.00	23.58 1.09 0.00	26.02 1.11 0.00	31.41 1.35 0.00	27.12 1.21 0.00	25.08 1.20 0.00	31.35 1.60 0.00	38.04 1.83 0.00	37.31 1.75 0.00	38.63 1.83 0.00	42.68 1.96 0.00	43.61 2.21 0.00	41.53 2.10 0.00	45.88 1.68 0.00	44.85 1.62 0.00	43.78 1.69 0.00	48.41 1.99 0.00	50.35 2.08 0.00	59.68 2.42 0.00	72.96 2.38 0.00	46.02 1.35 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.16 0.89 0.00
BAYONEEC___CTG7 323688	20.24 0.79 0.00	23.58 1.09 0.00	26.02 1.11 0.00	31.41 1.35 0.00	27.12 1.21 0.00	25.08 1.20 0.00	31.35 1.60 0.00	38.04 1.83 0.00	37.31 1.75 0.00	38.63 1.83 0.00	42.68 1.96 0.00	43.61 2.21 0.00	41.53 2.10 0.00	45.88 1.68 0.00	44.85 1.62 0.00	43.78 1.69 0.00	48.41 1.99 0.00	50.35 2.08 0.00	59.68 2.42 0.00	72.96 2.38 0.00	46.02 1.35 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.16 0.89 0.00

BAYONEEC___CTG8 323689	20.24 0.79 0.00	23.58 1.09 0.00	26.02 1.11 0.00	31.41 1.35 0.00	27.12 1.21 0.00	25.08 1.20 0.00	31.35 1.60 0.00	38.04 1.83 0.00	37.31 1.75 0.00	38.63 1.83 0.00	42.68 1.96 0.00	43.61 2.21 0.00	41.53 2.10 0.00	45.88 1.68 0.00	44.85 1.62 0.00	43.78 1.69 0.00	48.41 1.99 0.00	50.35 2.08 0.00	59.68 2.42 0.00	72.96 2.38 0.00	46.02 1.35 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.16 0.89 0.00
BAYONEEC___CTG9 323749	20.24 0.79 0.00	23.58 1.09 0.00	26.02 1.11 0.00	31.41 1.35 0.00	27.12 1.21 0.00	25.08 1.20 0.00	31.35 1.60 0.00	38.04 1.83 0.00	37.31 1.75 0.00	38.63 1.83 0.00	42.68 1.96 0.00	43.61 2.21 0.00	41.53 2.10 0.00	45.88 1.68 0.00	44.85 1.62 0.00	43.78 1.69 0.00	48.41 1.99 0.00	50.35 2.08 0.00	59.68 2.42 0.00	72.96 2.38 0.00	46.02 1.35 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.16 0.89 0.00
BEACON___LESR 323632	19.72 0.27 0.00	23.05 0.56 0.00	25.51 0.60 0.00	30.75 0.69 0.00	26.54 0.63 0.00	24.47 0.58 0.00	30.47 0.72 0.00	36.85 0.65 0.00	36.19 0.63 0.00	37.44 0.64 0.00	41.30 0.58 0.00	42.04 0.64 0.00	40.17 0.74 0.00	44.65 0.45 0.00	43.69 0.45 0.00	42.53 0.44 0.00	47.01 0.59 0.00	48.75 0.48 0.00	57.64 0.37 0.00	70.72 0.13 0.00	44.68 0.00 0.00	40.83 0.06 0.00	33.62 0.00 0.00	28.26 -0.01 0.00
BEAVER RIVER___HYD 24048	19.57 0.11 0.00	22.25 -0.24 0.00	24.66 -0.26 0.00	29.93 -0.14 0.00	25.85 -0.06 0.00	24.05 0.17 0.00	30.01 0.27 0.00	36.78 0.57 0.00	36.13 0.57 0.00	37.06 0.26 0.00	40.83 0.11 0.00	41.95 0.56 0.00	40.37 0.94 0.00	45.24 1.04 0.00	43.92 0.68 0.00	42.99 0.90 0.00	47.63 1.20 0.00	50.10 1.82 0.00	59.51 2.25 0.00	73.58 3.00 0.00	46.42 1.74 0.00	42.43 1.66 0.00	35.11 1.49 0.00	29.37 1.11 0.00
BEEBEE_GT_13 23619	19.42 -0.04 0.00	22.57 0.08 0.00	24.96 0.05 0.00	30.15 0.08 0.00	26.06 0.15 0.00	24.03 0.14 0.00	29.82 0.07 0.00	36.23 0.02 0.00	35.51 -0.05 0.00	36.77 -0.02 0.00	40.86 0.14 0.00	41.81 0.41 0.00	39.93 0.50 0.00	44.71 0.50 0.00	43.79 0.55 0.00	42.58 0.48 0.00	46.71 0.29 0.00	48.62 0.34 0.00	57.39 0.13 0.00	70.55 -0.03 0.00	44.71 0.03 0.00	40.60 -0.18 0.00	33.54 -0.08 0.00	28.61 0.34 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.30 0.85 0.00	23.64 1.15 0.00	26.08 1.16 0.00	31.38 1.31 0.00	27.08 1.17 0.00	25.08 1.20 0.00	31.36 1.61 0.00	38.05 1.84 0.00	37.39 1.83 0.00	38.65 1.86 0.00	42.75 2.03 0.00	43.70 2.30 0.00	41.63 2.20 0.00	45.98 1.77 0.00	44.95 1.71 0.00	43.90 1.81 0.00	48.51 2.09 0.00	50.49 2.21 0.00	59.82 2.56 0.00	73.13 2.54 0.00	46.17 1.49 0.00	42.31 1.54 0.00	34.99 1.37 0.00	29.31 1.04 0.00
BETHLEHEM___GRP 23843	19.46 0.01 0.00	22.73 0.25 0.00	25.18 0.27 0.00	30.32 0.25 0.00	26.17 0.26 0.00	24.12 0.24 0.00	29.98 0.23 0.00	36.25 0.04 0.00	35.62 0.07 0.00	36.85 0.06 0.00	40.67 -0.05 0.00	41.41 0.01 0.00	39.55 0.12 0.00	43.92 -0.29 0.00	43.02 -0.21 0.00	41.85 -0.24 0.00	46.21 -0.22 0.00	47.86 -0.42 0.00	56.65 -0.62 0.00	69.56 -1.03 0.00	44.05 -0.63 0.00	40.22 -0.55 0.00	33.19 -0.43 0.00	27.88 -0.39 0.00
BETHLEHEM___GS1 323560	19.46 0.01 0.00	22.73 0.25 0.00	25.18 0.27 0.00	30.32 0.25 0.00	26.17 0.26 0.00	24.12 0.24 0.00	29.98 0.23 0.00	36.25 0.04 0.00	35.62 0.07 0.00	36.85 0.06 0.00	40.67 -0.05 0.00	41.41 0.02 0.00	39.54 0.11 0.00	43.91 -0.29 0.00	43.02 -0.21 0.00	41.85 -0.24 0.00	46.21 -0.22 0.00	47.86 -0.42 0.00	56.65 -0.61 0.00	69.56 -1.03 0.00	44.05 -0.63 0.00	40.22 -0.55 0.00	33.19 -0.43 0.00	27.88 -0.39 0.00
BETHLEHEM___GS2 323561	19.46 0.01 0.00	22.73 0.25 0.00	25.18 0.27 0.00	30.32 0.25 0.00	26.17 0.26 0.00	24.12 0.24 0.00	29.98 0.23 0.00	36.25 0.04 0.00	35.62 0.07 0.00	36.85 0.06 0.00	40.67 -0.05 0.00	41.41 0.02 0.00	39.54 0.11 0.00	43.91 -0.29 0.00	43.02 -0.21 0.00	41.85 -0.24 0.00	46.21 -0.22 0.00	47.86 -0.42 0.00	56.65 -0.61 0.00	69.56 -1.03 0.00	44.05 -0.63 0.00	40.22 -0.55 0.00	33.19 -0.43 0.00	27.88 -0.39 0.00
BETHLEHEM___GS3 323562	19.46 0.01 0.00	22.73 0.25 0.00	25.18 0.27 0.00	30.32 0.25 0.00	26.17 0.26 0.00	24.12 0.24 0.00	29.98 0.23 0.00	36.25 0.04 0.00	35.62 0.07 0.00	36.85 0.06 0.00	40.67 -0.05 0.00	41.41 0.02 0.00	39.54 0.11 0.00	43.91 -0.29 0.00	43.02 -0.21 0.00	41.85 -0.24 0.00	46.21 -0.22 0.00	47.86 -0.42 0.00	56.65 -0.61 0.00	69.56 -1.03 0.00	44.05 -0.63 0.00	40.22 -0.55 0.00	33.19 -0.43 0.00	27.88 -0.39 0.00
BETHLEHEM___STEEL 23779	19.33 -0.12 0.00	22.62 0.13 0.00	25.02 0.10 0.00	30.21 0.14 0.00	26.19 0.28 0.00	24.06 0.18 0.00	29.57 -0.17 0.00	35.55 -0.66 0.00	34.72 -0.84 0.00	35.91 -0.88 0.00	40.03 -0.69 0.00	41.17 -0.22 0.00	39.29 -0.14 0.00	44.10 -0.11 0.00	43.10 -0.13 0.00	41.82 -0.27 0.00	45.74 -0.68 0.00	47.57 -0.70 0.00	56.18 -1.09 0.00	68.79 -1.80 0.00	43.81 -0.87 0.00	39.77 -1.00 0.00	33.11 -0.50 0.00	28.76 0.49 0.00
BETHLHEM_115KV_TB1 79974	19.51 0.06 0.00	22.79 0.30 0.00	25.24 0.33 0.00	30.41 0.34 0.00	26.23 0.32 0.00	24.18 0.29 0.00	30.05 0.31 0.00	36.35 0.15 0.00	35.72 0.16 0.00	36.94 0.15 0.00	40.78 0.06 0.00	41.54 0.14 0.00	39.66 0.23 0.00	44.04 -0.16 0.00	43.15 -0.09 0.00	41.98 -0.12 0.00	46.34 -0.08 0.00	48.01 -0.26 0.00	56.84 -0.42 0.00	69.78 -0.80 0.00	44.19 -0.49 0.00	40.36 -0.41 0.00	33.30 -0.32 0.00	27.97 -0.30 0.00
BETHPAGE_CC_5 323564	19.93 0.48 0.00	23.29 0.80 0.00	25.80 0.88 0.00	31.07 1.01 0.00	26.84 0.93 0.00	24.75 0.87 0.00	30.68 0.93 0.00	37.24 1.04 0.00	36.66 1.10 0.00	38.05 1.26 0.00	42.33 1.61 0.00	43.20 1.81 0.00	41.41 1.94 -0.04	45.34 1.14 0.00	44.34 1.10 0.00	43.23 1.14 0.00	47.71 1.28 0.00	49.64 1.36 0.00	58.59 1.33 0.00	65.95 0.99 5.63	45.30 0.62 0.00	39.46 0.53 1.84	34.22 0.61 0.00	28.79 0.52 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.36 -0.10 0.00	22.64 0.16 0.00	25.05 0.14 0.00	30.25 0.18 0.00	26.22 0.31 0.00	24.09 0.20 0.00	29.63 -0.12 0.00	35.63 -0.57 0.00	34.82 -0.74 0.00	36.01 -0.78 0.00	40.13 -0.59 0.00	41.28 -0.11 0.00	39.38 -0.05 0.00	44.19 -0.02 0.00	43.16 -0.07 0.00	41.87 -0.22 0.00	45.86 -0.56 0.00	47.71 -0.57 0.00	56.34 -0.92 0.00	68.98 -1.60 0.00	43.92 -0.76 0.00	39.86 -0.92 0.00	33.17 -0.44 0.00	28.80 0.53 0.00
BINGHAMTON___COGEN 23790	19.49 0.04 0.00	22.72 0.23 0.00	25.17 0.26 0.00	30.39 0.32 0.00	26.20 0.29 0.00	24.14 0.26 0.00	30.09 0.34 0.00	36.67 0.47 0.00	35.92 0.36 0.00	37.17 0.38 0.00	41.24 0.53 0.00	42.06 0.67 0.00	40.00 0.57 0.00	44.70 0.50 0.00	43.64 0.40 0.00	42.52 0.43 0.00	46.91 0.48 0.00	48.87 0.59 0.00	57.89 0.63 0.00	71.05 0.46 0.00	44.96 0.28 0.00	40.97 0.20 0.00	33.81 0.19 0.00	28.60 0.33 0.00

BIXINCNT_115KV_LOAD 355685	19.25 -0.20 0.00	22.71 0.22 0.00	25.27 0.35 0.00	30.46 0.39 0.00	26.38 0.47 0.00	24.17 0.29 0.00	29.73 -0.02 0.00	36.00 -0.21 0.00	35.25 -0.31 0.00	36.51 -0.28 0.00	40.53 -0.19 0.00	41.84 0.44 0.00	39.74 0.31 0.00	44.49 0.29 0.00	43.22 -0.02 0.00	41.90 -0.19 0.00	46.17 -0.25 0.00	48.22 -0.06 0.00	57.10 -0.16 0.00	69.94 -0.65 0.00	44.50 -0.18 0.00	40.41 -0.36 0.00	33.55 -0.07 0.00	29.03 0.76 0.00
BLACK RIVER___HYD 24047	19.63 0.18 0.00	22.48 -0.01 0.00	24.99 0.07 0.00	30.38 0.32 0.00	26.25 0.35 0.00	24.42 0.53 0.00	30.49 0.74 0.00	37.53 1.32 0.00	36.88 1.32 0.00	37.86 1.06 0.00	41.68 0.96 0.00	42.39 0.99 0.00	40.72 1.28 0.00	45.47 1.27 0.00	44.08 0.84 0.00	43.37 1.28 0.00	48.10 1.67 0.00	50.81 2.54 0.00	60.40 3.14 0.00	74.61 4.03 0.00	46.97 2.29 0.00	42.80 2.03 0.00	35.40 1.78 0.00	29.59 1.32 0.00
BLACKRVR_115KV_TB2 79977	19.63 0.18 0.00	22.48 -0.01 0.00	24.99 0.07 0.00	30.38 0.32 0.00	26.25 0.35 0.00	24.42 0.54 0.00	30.49 0.74 0.00	37.53 1.32 0.00	36.88 1.32 0.00	37.86 1.06 0.00	41.68 0.96 0.00	42.39 1.00 0.00	40.71 1.28 0.00	45.47 1.27 0.00	44.08 0.84 0.00	43.37 1.28 0.00	48.10 1.67 0.00	50.81 2.54 0.00	60.40 3.14 0.00	74.62 4.03 0.00	46.97 2.30 0.00	42.81 2.03 0.00	35.40 1.78 0.00	29.59 1.32 0.00
BLDWN_LI_69_KV_BK4 356085	20.10 0.65 0.00	23.44 0.96 0.00	25.96 1.04 0.00	31.27 1.20 0.00	27.01 1.10 0.00	24.92 1.04 0.00	30.94 1.20 0.00	37.55 1.34 0.00	36.93 1.37 0.00	38.32 1.53 0.00	42.60 1.88 0.00	43.48 2.08 0.00	41.64 2.16 -0.04	45.63 1.43 0.00	44.66 1.42 0.00	43.53 1.44 0.00	48.08 1.65 0.00	50.04 1.77 0.00	59.00 1.74 0.00	68.74 1.57 3.42	45.73 1.05 0.00	40.55 0.90 1.13	34.51 0.90 0.00	29.01 0.74 0.00
BLISS_WT_PWR 323608	19.18 -0.28 0.00	22.67 0.18 0.00	25.27 0.36 0.00	30.45 0.38 0.00	26.35 0.44 0.00	24.13 0.25 0.00	29.67 -0.07 0.00	35.95 -0.25 0.00	35.22 -0.33 0.00	36.49 -0.30 0.00	40.46 -0.26 0.00	41.84 0.45 0.00	39.73 0.30 0.00	44.44 0.24 0.00	43.16 -0.08 0.00	41.84 -0.25 0.00	46.12 -0.30 0.00	48.20 -0.08 0.00	57.11 -0.16 0.00	69.95 -0.63 0.00	44.53 -0.15 0.00	40.44 -0.33 0.00	33.56 -0.06 0.00	29.04 0.77 0.00
BLUESTONE___WT_PWR 323821	19.09 -0.37 0.00	22.85 0.36 0.00	25.25 0.34 0.00	30.16 0.09 0.00	25.96 0.05 0.00	23.98 0.09 0.00	30.11 0.36 0.00	35.88 -0.32 0.00	35.10 -0.45 0.00	36.18 -0.61 0.00	40.46 -0.25 0.00	41.60 0.20 0.00	39.97 0.54 0.00	44.85 0.65 0.00	44.12 0.88 0.00	43.10 1.01 0.00	47.56 1.14 0.00	49.67 1.40 0.00	59.87 2.61 0.00	73.65 3.07 0.00	46.67 1.99 0.00	42.65 1.88 0.00	35.19 1.57 0.00	29.66 1.40 0.00
BLUE_CIRC_CHEM_DRP 24182	19.71 0.26 0.00	23.01 0.52 0.00	25.51 0.60 0.00	30.77 0.70 0.00	26.52 0.60 0.00	24.43 0.54 0.00	30.34 0.59 0.00	36.69 0.48 0.00	35.96 0.40 0.00	36.75 -0.04 0.00	40.31 -0.40 0.00	41.06 -0.34 0.00	39.17 -0.26 0.00	43.55 -0.65 0.00	42.65 -0.58 0.00	41.50 -0.59 0.00	45.85 -0.58 0.00	47.51 -0.77 0.00	56.25 -1.02 0.00	69.04 -1.54 0.00	43.73 -0.95 0.00	39.96 -0.82 0.00	32.97 -0.65 0.00	27.66 -0.61 0.00
BOC_GAS_DRP 24189	19.63 0.18 0.00	22.90 0.41 0.00	25.39 0.48 0.00	30.62 0.55 0.00	26.38 0.47 0.00	24.31 0.42 0.00	30.22 0.47 0.00	36.60 0.40 0.00	35.94 0.38 0.00	37.17 0.37 0.00	41.05 0.33 0.00	41.84 0.44 0.00	39.91 0.48 0.00	44.37 0.17 0.00	43.43 0.19 0.00	42.27 0.17 0.00	46.68 0.25 0.00	48.39 0.12 0.00	57.28 0.01 0.00	70.32 -0.26 0.00	44.55 -0.13 0.00	40.70 -0.08 0.00	33.57 -0.04 0.00	28.19 -0.08 0.00
BOONVILLE_115KV_TB1 79983	19.67 0.22 0.00	22.70 0.21 0.00	25.16 0.25 0.00	30.46 0.39 0.00	26.26 0.35 0.00	24.33 0.45 0.00	30.38 0.64 0.00	37.13 0.92 0.00	36.52 0.96 0.00	37.65 0.86 0.00	41.55 0.83 0.00	42.44 1.04 0.00	40.56 1.13 0.00	45.48 1.28 0.00	44.36 1.12 0.00	43.26 1.17 0.00	47.84 1.41 0.00	50.06 1.78 0.00	59.32 2.05 0.00	73.09 2.51 0.00	46.18 1.50 0.00	42.10 1.33 0.00	34.74 1.12 0.00	29.12 0.85 0.00
BORALEX_4TH_BRANCH 23824	19.89 0.43 0.00	23.26 0.77 0.00	25.71 0.79 0.00	31.04 0.97 0.00	26.74 0.83 0.00	24.76 0.87 0.00	30.74 0.99 0.00	37.14 0.94 0.00	36.63 1.07 0.00	38.00 1.21 0.00	41.98 1.26 0.00	42.79 1.39 0.00	40.93 1.50 0.00	45.32 1.11 0.00	44.34 1.10 0.00	43.21 1.12 0.00	47.79 1.37 0.00	49.29 1.01 0.00	58.32 1.06 0.00	71.65 1.06 0.00	45.30 0.62 0.00	41.33 0.56 0.00	34.09 0.47 0.00	28.47 0.20 0.00
BOWLINE___1 23526	20.10 0.65 0.00	23.43 0.94 0.00	25.87 0.96 0.00	31.22 1.15 0.00	26.93 1.02 0.00	24.89 1.00 0.00	31.09 1.34 0.00	37.74 1.53 0.00	37.01 1.45 0.00	38.29 1.49 0.00	42.33 1.61 0.00	43.27 1.87 0.00	41.20 1.77 0.00	45.60 1.40 0.00	44.59 1.35 0.00	43.54 1.45 0.00	48.18 1.75 0.00	50.07 1.79 0.00	59.33 2.06 0.00	72.52 1.94 0.00	45.82 1.14 0.00	41.88 1.11 0.00	34.53 0.92 0.00	28.96 0.69 0.00
BOWLINE___2 23595	20.10 0.65 0.00	23.42 0.93 0.00	25.87 0.95 0.00	31.21 1.14 0.00	26.92 1.01 0.00	24.88 0.99 0.00	31.08 1.34 0.00	37.74 1.53 0.00	37.00 1.44 0.00	38.28 1.48 0.00	42.32 1.60 0.00	43.26 1.87 0.00	41.18 1.76 0.00	45.59 1.38 0.00	44.58 1.34 0.00	43.53 1.44 0.00	48.15 1.73 0.00	50.05 1.78 0.00	59.31 2.04 0.00	72.52 1.93 0.00	45.81 1.13 0.00	41.88 1.11 0.00	34.53 0.91 0.00	28.95 0.68 0.00
BRADY___115KV_TB2 356060	19.94 0.49 0.00	21.16 -1.33 0.00	23.11 -1.80 0.00	27.95 -2.12 0.00	24.32 -1.59 0.00	22.62 -1.27 0.00	27.96 -1.79 0.00	33.87 -2.33 0.00	32.98 -2.58 0.00	33.45 -3.35 0.00	37.24 -3.48 0.00	40.55 -0.85 0.00	39.55 0.12 0.00	44.71 0.51 0.00	43.60 0.36 0.00	42.49 0.40 0.00	46.90 0.47 0.00	48.96 0.69 0.00	58.56 1.30 0.00	72.91 2.32 0.00	46.09 1.41 0.00	42.15 1.38 0.00	34.81 1.20 0.00	29.33 1.06 0.00
BRANSCOMB___SOLAR 323811	20.01 0.56 0.00	23.35 0.86 0.00	25.85 0.93 0.00	31.21 1.14 0.00	26.91 0.99 0.00	24.85 0.96 0.00	30.88 1.13 0.00	37.48 1.28 0.00	36.95 1.39 0.00	38.31 1.52 0.00	42.33 1.61 0.00	43.10 1.70 0.00	41.15 1.72 0.00	45.71 1.51 0.00	44.74 1.50 0.00	43.63 1.54 0.00	48.27 1.85 0.00	50.04 1.76 0.00	59.27 2.01 0.00	72.76 2.18 0.00	46.00 1.32 0.00	41.95 1.18 0.00	34.54 0.92 0.00	28.90 0.63 0.00
BRDGHMPT_69_KV_BK1 55812	19.44 -0.01 0.00	22.87 0.39 0.00	25.49 0.58 0.00	30.72 0.65 0.00	26.65 0.74 0.00	24.42 0.53 0.00	30.30 0.56 0.00	37.03 0.82 0.00	36.67 1.11 0.00	38.16 1.36 0.00	42.33 1.61 0.00	43.21 1.82 0.00	41.45 1.99 -0.03	45.31 1.11 0.00	44.22 0.99 0.00	42.79 0.70 0.00	47.21 0.78 0.00	49.08 0.81 0.00	58.00 0.74 0.00	63.45 0.09 7.22	44.64 -0.04 0.00	38.20 -0.21 2.36	33.63 0.01 0.00	28.60 0.33 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	19.96 0.50 0.00	23.35 0.86 0.00	25.89 0.98 0.00	31.21 1.14 0.00	26.95 1.04 0.00	24.83 0.95 0.00	30.75 1.01 0.00	37.35 1.15 0.00	36.81 1.25 0.00	38.23 1.44 0.00	42.57 1.85 0.00	43.44 2.05 0.00	41.67 2.20 -0.03	45.56 1.36 0.00	44.54 1.31 0.00	43.39 1.30 0.00	47.87 1.45 0.00	49.81 1.53 0.00	58.38 1.12 0.00	64.09 0.46 6.96	45.33 0.65 0.00	39.01 0.51 2.27	34.30 0.68 0.00	28.91 0.64 0.00
BRISTLHL_115KV_TB1 79998	19.05 -0.41 0.00	22.12 -0.36 0.00	24.49 -0.43 0.00	29.56 -0.51 0.00	25.50 -0.41 0.00	23.52 -0.37 0.00	29.30 -0.45 0.00	35.80 -0.41 0.00	35.17 -0.38 0.00	36.40 -0.40 0.00	40.28 -0.44 0.00	41.01 -0.39 0.00	39.07 -0.36 0.00	43.71 -0.49 0.00	42.76 -0.48 0.00	41.68 -0.41 0.00	45.98 -0.44 0.00	47.85 -0.43 0.00	56.68 -0.59 0.00	69.70 -0.88 0.00	44.11 -0.57 0.00	40.17 -0.60 0.00	33.08 -0.54 0.00	27.80 -0.47 0.00
BROOKHAVEN___DRP 24191	19.64 0.19 0.00	23.07 0.59 0.00	25.71 0.80 0.00	30.97 0.90 0.00	26.78 0.88 0.00	24.57 0.68 0.00	30.46 0.72 0.00	37.16 0.96 0.00	36.65 1.10 0.00	38.05 1.25 0.00	42.22 1.50 0.00	43.08 1.69 0.00	41.34 1.87 -0.03	45.20 0.99 0.00	44.16 0.92 0.00	42.98 0.89 0.00	47.38 0.96 0.00	49.25 0.97 0.00	58.17 0.91 0.00	63.72 0.36 7.23	44.87 0.19 0.00	38.46 0.05 2.36	33.88 0.26 0.00	28.66 0.39 0.00
BROOKLYN_NAVY_YARD 23515	20.18 0.72 0.00	23.51 1.02 0.00	25.94 1.02 0.00	31.32 1.25 0.00	27.04 1.13 0.00	25.02 1.14 0.00	31.28 1.53 0.00	37.96 1.75 0.00	37.24 1.68 0.00	38.54 1.75 0.00	42.62 1.90 0.00	43.56 2.17 0.00	41.48 2.05 0.00	45.82 1.62 0.00	44.79 1.55 0.00	43.72 1.62 0.00	48.35 1.93 0.00	50.30 2.03 0.00	59.62 2.35 0.00	72.88 2.29 0.00	45.97 1.28 0.00	42.06 1.29 0.00	34.73 1.11 0.00	29.10 0.83 0.00
BROOKLYN___ARMY_DRP 323595	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
BROOME_2_LFGE 323671	19.49 0.04 0.00	22.72 0.23 0.00	25.17 0.26 0.00	30.39 0.32 0.00	26.20 0.29 0.00	24.14 0.26 0.00	30.09 0.34 0.00	36.67 0.47 0.00	35.92 0.36 0.00	37.17 0.38 0.00	41.24 0.52 0.00	42.06 0.66 0.00	40.00 0.57 0.00	44.70 0.50 0.00	43.64 0.40 0.00	42.52 0.43 0.00	46.91 0.48 0.00	48.87 0.59 0.00	57.89 0.63 0.00	71.05 0.46 0.00	44.96 0.28 0.00	40.98 0.20 0.00	33.81 0.19 0.00	28.60 0.33 0.00
BROOME___LFGE 323600	19.49 0.04 0.00	22.72 0.23 0.00	25.17 0.26 0.00	30.39 0.32 0.00	26.20 0.29 0.00	24.14 0.26 0.00	30.09 0.34 0.00	36.67 0.47 0.00	35.92 0.36 0.00	37.17 0.38 0.00	41.24 0.52 0.00	42.06 0.66 0.00	40.00 0.57 0.00	44.70 0.50 0.00	43.64 0.40 0.00	42.52 0.43 0.00	46.91 0.48 0.00	48.87 0.59 0.00	57.89 0.63 0.00	71.05 0.46 0.00	44.96 0.28 0.00	40.98 0.20 0.00	33.81 0.19 0.00	28.60 0.33 0.00
BROWNFLS_115KV_TB 3_5 80003	19.69 0.24 0.00	21.80 -0.69 0.00	24.04 -0.88 0.00	29.13 -0.93 0.00	25.22 -0.69 0.00	23.47 -0.41 0.00	29.19 -0.55 0.00	35.64 -0.56 0.00	34.91 -0.65 0.00	35.68 -1.11 0.00	39.46 -1.26 0.00	41.35 -0.05 0.00	39.95 0.52 0.00	44.86 0.66 0.00	43.63 0.39 0.00	42.64 0.55 0.00	47.14 0.71 0.00	49.27 1.00 0.00	58.70 1.44 0.00	72.81 2.23 0.00	45.96 1.29 0.00	42.23 1.46 0.00	34.96 1.34 0.00	29.34 1.07 0.00
BROWNSV1_27_KV_LOAD 356125	20.40 0.95 0.00	23.76 1.27 0.00	26.21 1.30 0.00	31.65 1.58 0.00	27.32 1.41 0.00	25.28 1.39 0.00	31.60 1.85 0.00	38.35 2.15 0.00	37.64 2.08 0.00	38.98 2.18 0.00	43.10 2.38 0.00	44.06 2.66 0.00	41.95 2.52 0.00	46.36 2.16 0.00	45.33 2.10 0.00	44.24 2.14 0.00	48.91 2.49 0.00	50.88 2.61 0.00	60.30 3.04 0.00	73.72 3.13 0.00	46.51 1.83 0.00	42.54 1.77 0.00	35.12 1.50 0.00	29.42 1.15 0.00
BURROWS___LYONSDAL 23803	19.61 0.16 0.00	22.60 0.11 0.00	25.05 0.14 0.00	30.34 0.28 0.00	26.17 0.25 0.00	24.27 0.39 0.00	30.31 0.56 0.00	37.06 0.85 0.00	36.46 0.90 0.00	37.54 0.74 0.00	41.40 0.68 0.00	42.33 0.93 0.00	40.51 1.08 0.00	45.44 1.23 0.00	44.26 1.03 0.00	43.18 1.09 0.00	47.78 1.35 0.00	50.08 1.81 0.00	59.36 2.10 0.00	73.18 2.59 0.00	46.22 1.54 0.00	42.16 1.39 0.00	34.83 1.21 0.00	29.17 0.90 0.00
CAITHNESS_CC_1 323624	19.68 0.22 0.00	23.10 0.61 0.00	25.72 0.81 0.00	30.98 0.92 0.00	26.79 0.88 0.00	24.59 0.70 0.00	30.48 0.74 0.00	37.16 0.96 0.00	36.65 1.09 0.00	38.04 1.25 0.00	42.23 1.51 0.00	43.09 1.69 0.00	41.36 1.90 -0.03	45.20 1.00 0.00	44.16 0.93 0.00	43.00 0.91 0.00	47.39 0.97 0.00	49.25 0.98 0.00	58.17 0.91 0.00	63.72 0.36 7.23	44.88 0.20 0.00	38.49 0.07 2.36	33.90 0.28 0.00	28.67 0.40 0.00
CALPINE BETH_PAGE_GT4 24209	20.00 0.55 0.00	23.36 0.87 0.00	25.87 0.96 0.00	31.17 1.11 0.00	26.92 1.02 0.00	24.83 0.94 0.00	30.73 0.98 0.00	37.30 1.10 0.00	36.70 1.14 0.00	38.10 1.30 0.00	42.38 1.66 0.00	43.25 1.86 0.00	41.44 1.97 -0.04	45.40 1.20 0.00	44.40 1.16 0.00	43.28 1.19 0.00	47.78 1.35 0.00	49.71 1.44 0.00	58.71 1.44 0.00	66.65 1.11 5.04	45.37 0.69 0.00	39.72 0.60 1.65	34.27 0.66 0.00	28.82 0.55 0.00
CALPINE_BETH_PAGE_GT_4 323586	20.00 0.55 0.00	23.36 0.87 0.00	25.88 0.96 0.00	31.17 1.10 0.00	26.92 1.02 0.00	24.83 0.94 0.00	30.73 0.98 0.00	37.30 1.10 0.00	36.70 1.14 0.00	38.10 1.30 0.00	42.38 1.66 0.00	43.25 1.86 0.00	41.45 1.98 -0.04	45.40 1.20 0.00	44.40 1.16 0.00	43.28 1.19 0.00	47.78 1.35 0.00	49.71 1.44 0.00	58.70 1.44 0.00	66.65 1.11 5.04	45.37 0.69 0.00	39.72 0.60 1.65	34.27 0.66 0.00	28.82 0.55 0.00
CALPINE_BP_GT1 23823	20.00 0.55 0.00	23.36 0.87 0.00	25.88 0.96 0.00	31.17 1.10 0.00	26.92 1.02 0.00	24.83 0.94 0.00	30.73 0.98 0.00	37.30 1.10 0.00	36.70 1.14 0.00	38.10 1.30 0.00	42.38 1.66 0.00	43.25 1.86 0.00	41.45 1.98 -0.04	45.40 1.20 0.00	44.40 1.16 0.00	43.28 1.19 0.00	47.78 1.35 0.00	49.71 1.44 0.00	58.70 1.44 0.00	66.65 1.11 5.04	45.37 0.69 0.00	39.72 0.60 1.65	34.27 0.66 0.00	28.82 0.55 0.00
CALSPAN___DRP 24200	19.33 -0.12 0.00	22.62 0.13 0.00	25.02 0.10 0.00	30.21 0.14 0.00	26.19 0.28 0.00	24.06 0.18 0.00	29.57 -0.17 0.00	35.55 -0.66 0.00	34.72 -0.84 0.00	35.91 -0.88 0.00	40.03 -0.69 0.00	41.17 -0.22 0.00	39.29 -0.14 0.00	44.10 -0.11 0.00	43.10 -0.13 0.00	41.82 -0.27 0.00	45.74 -0.68 0.00	47.57 -0.70 0.00	56.18 -1.09 0.00	68.79 -1.80 0.00	43.81 -0.87 0.00	39.77 -1.00 0.00	33.11 -0.50 0.00	28.76 0.49 0.00

CALVERTON___SOLAR 323806	19.62 0.17 0.00	23.05 0.57 0.00	25.69 0.78 0.00	30.95 0.88 0.00	26.77 0.86 0.00	24.55 0.67 0.00	30.44 0.69 0.00	37.16 0.96 0.00	36.68 1.12 0.00	38.06 1.27 0.00	42.23 1.51 0.00	43.10 1.71 0.00	41.36 1.90 -0.03	45.20 1.00 0.00	44.17 0.93 0.00	42.96 0.87 0.00	47.38 0.96 0.00	49.25 0.97 0.00	58.17 0.91 0.00	63.72 0.36 7.22	44.86 0.18 0.00	38.46 0.04 2.36	33.86 0.24 0.00	28.65 0.38 0.00
CANDIGU_WT_PWR 323617	19.15 -0.31 0.00	22.47 -0.02 0.00	24.85 -0.06 0.00	30.02 -0.05 0.00	25.98 0.07 0.00	23.89 0.01 0.00	29.57 -0.18 0.00	35.94 -0.27 0.00	35.02 -0.54 0.00	36.25 -0.55 0.00	40.22 -0.50 0.00	41.20 -0.20 0.00	39.16 -0.28 0.00	43.96 -0.24 0.00	42.91 -0.32 0.00	41.67 -0.42 0.00	45.87 -0.56 0.00	47.94 -0.34 0.00	56.67 -0.59 0.00	69.57 -1.02 0.00	44.22 -0.46 0.00	40.37 -0.40 0.00	33.51 -0.10 0.00	28.68 0.41 0.00
CARR STREET_E_SYR 24060	19.20 -0.26 0.00	22.30 -0.18 0.00	24.70 -0.22 0.00	29.82 -0.25 0.00	25.72 -0.19 0.00	23.73 -0.15 0.00	29.58 -0.17 0.00	36.06 -0.14 0.00	35.39 -0.17 0.00	36.63 -0.16 0.00	40.57 -0.15 0.00	41.33 -0.07 0.00	39.36 -0.07 0.00	44.03 -0.18 0.00	43.07 -0.16 0.00	41.97 -0.12 0.00	46.28 -0.15 0.00	48.17 -0.10 0.00	57.05 -0.21 0.00	70.11 -0.48 0.00	44.35 -0.33 0.00	40.40 -0.37 0.00	33.36 -0.26 0.00	28.05 -0.22 0.00
CARTHAGE___PAPER 23857	19.71 0.26 0.00	22.45 -0.04 0.00	24.91 0.00 0.00	30.26 0.19 0.00	26.15 0.24 0.00	24.33 0.44 0.00	30.39 0.64 0.00	37.31 1.10 0.00	36.66 1.10 0.00	37.60 0.81 0.00	41.40 0.68 0.00	42.33 0.93 0.00	40.67 1.24 0.00	45.55 1.35 0.00	44.12 0.89 0.00	43.34 1.25 0.00	48.08 1.66 0.00	50.69 2.41 0.00	60.26 2.99 0.00	74.50 3.91 0.00	46.94 2.27 0.00	42.84 2.07 0.00	35.44 1.82 0.00	29.64 1.37 0.00
CASSADAGA_WT_PWR 323784	19.39 -0.07 0.00	22.63 0.14 0.00	25.02 0.11 0.00	30.31 0.24 0.00	26.32 0.41 0.00	24.28 0.39 0.00	30.13 0.39 0.00	36.22 0.01 0.00	35.30 -0.26 0.00	36.60 -0.19 0.00	41.12 0.40 0.00	42.12 0.72 0.00	39.72 0.29 0.00	44.79 0.59 0.00	43.79 0.56 0.00	42.48 0.39 0.00	46.26 -0.17 0.00	48.53 0.25 0.00	57.48 0.22 0.00	70.60 0.01 0.00	44.88 0.20 0.00	40.50 -0.27 0.00	33.79 0.17 0.00	29.26 0.99 0.00
CE_DUNWOOD___DRP 24194	20.17 0.71 0.00	23.50 1.01 0.00	25.96 1.05 0.00	31.34 1.27 0.00	27.04 1.13 0.00	24.98 1.09 0.00	31.19 1.45 0.00	37.84 1.64 0.00	37.13 1.57 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.47 2.07 0.00	41.41 1.98 0.00	45.78 1.58 0.00	44.75 1.51 0.00	43.68 1.58 0.00	48.29 1.86 0.00	50.20 1.92 0.00	59.47 2.20 0.00	72.72 2.13 0.00	45.93 1.25 0.00	42.00 1.23 0.00	34.66 1.04 0.00	29.06 0.79 0.00
CE_MILLWOOD___DRP 24193	20.13 0.67 0.00	23.46 0.98 0.00	25.92 1.01 0.00	31.28 1.21 0.00	26.99 1.08 0.00	24.93 1.05 0.00	31.13 1.38 0.00	37.77 1.57 0.00	37.06 1.50 0.00	38.36 1.56 0.00	42.42 1.71 0.00	43.36 1.96 0.00	41.31 1.88 0.00	45.69 1.49 0.00	44.67 1.43 0.00	43.60 1.50 0.00	48.20 1.78 0.00	50.11 1.83 0.00	59.36 2.09 0.00	72.58 2.00 0.00	45.85 1.17 0.00	41.92 1.15 0.00	34.59 0.97 0.00	29.00 0.73 0.00
CE_NYC2_DRP 24202	20.27 0.81 0.00	23.60 1.12 0.00	26.05 1.14 0.00	31.37 1.30 0.00	27.07 1.16 0.00	25.07 1.18 0.00	31.33 1.59 0.00	37.98 1.78 0.00	37.24 1.68 0.00	38.53 1.74 0.00	42.61 1.89 0.00	43.54 2.15 0.00	41.49 2.06 0.00	45.81 1.61 0.00	44.79 1.55 0.00	43.72 1.63 0.00	48.33 1.91 0.00	50.29 2.01 0.00	59.58 2.32 0.00	72.80 2.21 0.00	45.97 1.29 0.00	42.11 1.33 0.00	34.85 1.24 0.00	29.21 0.94 0.00
CE_NYC_DRP 24195	20.25 0.80 0.00	23.60 1.11 0.00	26.03 1.12 0.00	31.44 1.37 0.00	27.14 1.23 0.00	25.11 1.22 0.00	31.37 1.62 0.00	38.07 1.87 0.00	37.36 1.80 0.00	38.69 1.89 0.00	42.77 2.05 0.00	43.71 2.31 0.00	41.63 2.20 0.00	45.98 1.77 0.00	44.95 1.72 0.00	43.89 1.79 0.00	48.53 2.10 0.00	50.48 2.21 0.00	59.82 2.56 0.00	73.12 2.54 0.00	46.13 1.45 0.00	42.20 1.43 0.00	34.85 1.23 0.00	29.20 0.94 0.00
CHAFFEE___LFGE 323603	19.38 -0.07 0.00	22.66 0.17 0.00	25.06 0.15 0.00	30.27 0.20 0.00	26.24 0.33 0.00	24.11 0.23 0.00	29.67 -0.08 0.00	35.70 -0.50 0.00	34.90 -0.66 0.00	36.09 -0.70 0.00	40.20 -0.52 0.00	41.34 -0.05 0.00	39.42 -0.01 0.00	44.24 0.04 0.00	43.23 0.00 0.00	41.96 -0.13 0.00	45.95 -0.47 0.00	47.82 -0.46 0.00	56.47 -0.79 0.00	69.13 -1.45 0.00	44.00 -0.68 0.00	39.93 -0.85 0.00	33.21 -0.40 0.00	28.80 0.53 0.00
CHATEAUG_35_KV_LOAD 355732	19.60 0.14 0.00	20.69 -1.80 0.00	22.51 -2.41 0.00	27.21 -2.85 0.00	23.65 -2.26 0.00	21.96 -1.93 0.00	27.07 -2.68 0.00	32.73 -3.48 0.00	31.86 -3.70 0.00	32.30 -4.49 0.00	36.03 -4.69 0.00	34.70 -1.90 4.80	38.65 -0.78 0.00	43.50 -0.71 0.00	42.54 -0.69 0.00	41.43 -0.67 0.00	45.52 -0.90 0.00	47.33 -0.95 0.00	56.63 -0.63 0.00	70.63 0.05 0.00	44.62 -0.05 0.00	41.00 0.23 0.00	34.07 0.45 0.00	28.76 0.49 0.00
CHATEAUG_WT_PWR 323614	19.56 0.11 0.00	20.70 -1.79 0.00	22.52 -2.39 0.00	27.22 -2.85 0.00	23.67 -2.24 0.00	21.95 -1.93 0.00	26.99 -2.75 0.00	32.63 -3.57 0.00	31.78 -3.78 0.00	32.26 -4.53 0.00	35.96 -4.76 0.00	34.64 -1.96 4.80	38.63 -0.80 0.00	43.40 -0.80 0.00	42.46 -0.77 0.00	41.31 -0.78 0.00	45.45 -0.98 0.00	47.29 -0.98 0.00	56.53 -0.73 0.00	70.46 -0.12 0.00	44.52 -0.17 0.00	40.90 0.12 0.00	33.99 0.37 0.00	28.68 0.41 0.00
CHAT_HIGH_FALL_HYD 323578	19.60 0.14 0.00	20.69 -1.80 0.00	22.51 -2.41 0.00	27.21 -2.85 0.00	23.65 -2.26 0.00	21.96 -1.93 0.00	27.07 -2.68 0.00	32.73 -3.48 0.00	31.86 -3.70 0.00	32.30 -4.49 0.00	36.03 -4.69 0.00	34.70 -1.90 4.80	38.65 -0.78 0.00	43.50 -0.71 0.00	42.54 -0.69 0.00	41.43 -0.67 0.00	45.52 -0.90 0.00	47.33 -0.95 0.00	56.63 -0.63 0.00	70.63 0.05 0.00	44.62 -0.05 0.00	41.00 0.23 0.00	34.07 0.45 0.00	28.76 0.49 0.00
CHAUTAUQUA___LFGE 323629	19.32 -0.14 0.00	22.60 0.11 0.00	24.98 0.06 0.00	30.23 0.16 0.00	26.21 0.30 0.00	24.14 0.25 0.00	29.87 0.12 0.00	35.98 -0.22 0.00	35.02 -0.54 0.00	36.28 -0.51 0.00	40.63 -0.09 0.00	41.70 0.31 0.00	39.47 0.04 0.00	44.43 0.23 0.00	43.48 0.24 0.00	42.22 0.13 0.00	46.08 -0.34 0.00	48.16 -0.11 0.00	57.02 -0.25 0.00	69.93 -0.65 0.00	44.41 -0.27 0.00	40.16 -0.62 0.00	33.48 -0.14 0.00	28.99 0.72 0.00
CHERRYST_13_KV_LD 356241	20.30 0.85 0.00	23.65 1.16 0.00	26.10 1.19 0.00	31.51 1.44 0.00	27.21 1.30 0.00	25.16 1.28 0.00	31.46 1.71 0.00	38.18 1.97 0.00	37.47 1.91 0.00	38.80 2.01 0.00	42.89 2.17 0.00	43.85 2.45 0.00	41.76 2.32 0.00	46.12 1.92 0.00	45.09 1.85 0.00	44.02 1.93 0.00	48.68 2.26 0.00	50.64 2.37 0.00	60.01 2.74 0.00	73.33 2.75 0.00	46.26 1.58 0.00	42.32 1.55 0.00	34.95 1.33 0.00	29.28 1.01 0.00

CHESTROR_138KV_BK263 355645	20.11 0.65 0.00	23.42 0.93 0.00	25.88 0.96 0.00	31.22 1.15 0.00	26.92 1.01 0.00	24.88 0.99 0.00	31.07 1.33 0.00	37.74 1.53 0.00	37.02 1.46 0.00	38.31 1.51 0.00	42.35 1.63 0.00	43.28 1.89 0.00	41.21 1.78 0.00	45.66 1.46 0.00	44.66 1.42 0.00	43.60 1.51 0.00	48.24 1.81 0.00	50.15 1.87 0.00	59.43 2.16 0.00	72.69 2.10 0.00	45.92 1.24 0.00	41.96 1.19 0.00	34.58 0.96 0.00	29.00 0.73 0.00
CH_MIDHUDSON___DRP 24192	20.13 0.68 0.00	23.48 0.99 0.00	25.96 1.05 0.00	31.32 1.25 0.00	27.00 1.09 0.00	24.91 1.03 0.00	31.10 1.35 0.00	37.73 1.52 0.00	37.05 1.49 0.00	38.39 1.60 0.00	42.50 1.78 0.00	43.42 2.02 0.00	41.39 1.96 0.00	45.82 1.62 0.00	44.80 1.57 0.00	43.69 1.60 0.00	48.30 1.87 0.00	50.17 1.90 0.00	59.41 2.15 0.00	72.71 2.12 0.00	45.97 1.29 0.00	42.00 1.23 0.00	34.62 1.00 0.00	29.00 0.73 0.00
CH_MISC_IPPS 23765	20.27 0.82 0.00	23.62 1.14 0.00	26.11 1.20 0.00	31.50 1.43 0.00	27.17 1.26 0.00	25.07 1.19 0.00	31.32 1.57 0.00	38.02 1.82 0.00	37.33 1.78 0.00	38.68 1.88 0.00	42.81 2.09 0.00	43.75 2.36 0.00	41.70 2.27 0.00	46.17 1.97 0.00	45.14 1.91 0.00	44.04 1.95 0.00	48.69 2.27 0.00	50.62 2.35 0.00	59.95 2.69 0.00	73.37 2.79 0.00	46.35 1.68 0.00	42.33 1.56 0.00	34.88 1.27 0.00	29.22 0.96 0.00
CH_RES_BVR_FALLS 23983	19.29 -0.17 0.00	21.46 -1.03 0.00	23.61 -1.31 0.00	28.53 -1.54 0.00	24.61 -1.30 0.00	22.78 -1.11 0.00	28.26 -1.49 0.00	34.31 -1.89 0.00	33.60 -1.96 0.00	34.45 -2.35 0.00	38.25 -2.46 0.00	40.33 -1.07 0.00	39.04 -0.39 0.00	43.86 -0.34 0.00	42.88 -0.36 0.00	41.59 -0.50 0.00	45.92 -0.51 0.00	47.91 -0.36 0.00	57.05 -0.21 0.00	70.59 0.00 0.00	44.63 -0.05 0.00	40.83 0.06 0.00	33.71 0.09 0.00	28.38 0.11 0.00
CH_RES_NIAGARA 23895	19.05 -0.40 0.00	22.31 -0.17 0.00	24.67 -0.24 0.00	29.83 -0.24 0.00	25.82 -0.09 0.00	23.70 -0.19 0.00	29.05 -0.70 0.00	34.58 -1.63 0.00	33.76 -1.80 0.00	34.91 -1.89 0.00	38.94 -1.79 0.00	40.12 -1.28 0.00	38.43 -1.00 0.00	43.14 -1.07 0.00	42.24 -1.00 0.00	40.96 -1.13 0.00	44.54 -1.88 0.00	46.21 -2.06 0.00	54.39 -2.88 0.00	66.56 -4.03 0.00	42.48 -2.20 0.00	38.61 -2.17 0.00	32.23 -1.39 0.00	28.13 -0.14 0.00
CH_RES_SYRACUSE 23985	19.31 -0.14 0.00	22.44 -0.05 0.00	24.84 -0.07 0.00	30.00 -0.07 0.00	25.86 -0.05 0.00	23.87 -0.02 0.00	29.77 0.02 0.00	36.37 0.16 0.00	35.68 0.12 0.00	36.94 0.14 0.00	40.90 0.18 0.00	41.63 0.23 0.00	39.66 0.23 0.00	44.33 0.13 0.00	43.37 0.13 0.00	42.31 0.22 0.00	46.65 0.22 0.00	48.59 0.32 0.00	57.57 0.30 0.00	70.76 0.17 0.00	44.74 0.06 0.00	40.74 -0.03 0.00	33.56 -0.06 0.00	28.21 -0.06 0.00
CLINTON_WT_PWR 323605	19.56 0.11 0.00	20.70 -1.79 0.00	22.52 -2.39 0.00	27.22 -2.85 0.00	23.67 -2.24 0.00	21.95 -1.93 0.00	26.99 -2.75 0.00	32.63 -3.57 0.00	31.78 -3.78 0.00	32.26 -4.53 0.00	35.96 -4.76 0.00	34.64 -1.96 4.80	38.63 -0.80 0.00	43.40 -0.80 0.00	42.46 -0.77 0.00	41.31 -0.78 0.00	45.45 -0.98 0.00	47.29 -0.98 0.00	56.53 -0.73 0.00	70.46 -0.12 0.00	44.52 -0.17 0.00	40.90 0.12 0.00	33.99 0.37 0.00	28.68 0.41 0.00
CLINTON___LFGE 323618	19.88 0.42 0.00	21.06 -1.42 0.00	22.83 -2.08 0.00	27.55 -2.52 0.00	24.00 -1.91 0.00	22.23 -1.65 0.00	27.18 -2.57 0.00	32.73 -3.48 0.00	31.81 -3.75 0.00	32.25 -4.54 0.00	35.86 -4.86 0.00	34.41 -2.19 4.80	38.41 -1.02 0.00	42.84 -1.36 0.00	42.04 -1.20 0.00	41.03 -1.06 0.00	45.09 -1.34 0.00	47.00 -1.28 0.00	56.37 -0.90 0.00	70.44 -0.15 0.00	44.46 -0.22 0.00	41.06 0.28 0.00	34.36 0.74 0.00	29.04 0.77 0.00
COBBLENY_34_KV_TB1 80064	19.38 -0.07 0.00	22.66 0.17 0.00	25.06 0.15 0.00	30.27 0.20 0.00	26.24 0.33 0.00	24.11 0.23 0.00	29.67 -0.08 0.00	35.71 -0.50 0.00	34.90 -0.66 0.00	36.09 -0.70 0.00	40.19 -0.53 0.00	41.34 -0.06 0.00	39.42 -0.01 0.00	44.25 0.04 0.00	43.23 0.00 0.00	41.96 -0.13 0.00	45.95 -0.47 0.00	47.81 -0.47 0.00	56.47 -0.79 0.00	69.13 -1.45 0.00	44.00 -0.68 0.00	39.92 -0.85 0.00	33.21 -0.41 0.00	28.80 0.53 0.00
COFFEEN___115KV_TB3 355620	19.75 0.29 0.00	22.61 0.12 0.00	25.12 0.21 0.00	30.55 0.48 0.00	26.40 0.49 0.00	24.56 0.67 0.00	30.67 0.92 0.00	37.79 1.59 0.00	37.14 1.59 0.00	38.13 1.34 0.00	41.98 1.26 0.00	42.65 1.26 0.00	40.90 1.47 0.00	45.62 1.42 0.00	44.26 1.02 0.00	43.62 1.53 0.00	48.42 2.00 0.00	51.17 2.90 0.00	60.86 3.60 0.00	75.18 4.59 0.00	47.29 2.62 0.00	43.06 2.29 0.00	35.59 1.98 0.00	29.74 1.47 0.00
COLDSPRG_115KV_BK1 355956	19.69 0.23 0.00	22.99 0.50 0.00	25.40 0.49 0.00	30.75 0.68 0.00	26.70 0.79 0.00	24.57 0.68 0.00	30.44 0.69 0.00	36.75 0.55 0.00	35.95 0.39 0.00	37.20 0.40 0.00	41.62 0.90 0.00	42.66 1.27 0.00	40.34 0.91 0.00	45.36 1.16 0.00	44.14 0.90 0.00	42.82 0.73 0.00	46.94 0.52 0.00	49.08 0.80 0.00	58.14 0.88 0.00	71.18 0.60 0.00	45.19 0.52 0.00	40.90 0.13 0.00	34.00 0.38 0.00	29.41 1.14 0.00
COLONIE_LFGE___ 323577	19.83 0.38 0.00	23.16 0.67 0.00	25.63 0.72 0.00	30.93 0.86 0.00	26.66 0.75 0.00	24.62 0.74 0.00	30.58 0.84 0.00	37.04 0.83 0.00	36.47 0.91 0.00	37.80 1.00 0.00	41.76 1.05 0.00	42.57 1.17 0.00	40.65 1.22 0.00	45.12 0.92 0.00	44.17 0.93 0.00	43.00 0.91 0.00	47.54 1.11 0.00	49.22 0.94 0.00	58.26 1.00 0.00	71.57 0.98 0.00	45.30 0.62 0.00	41.34 0.56 0.00	34.06 0.44 0.00	28.52 0.25 0.00
COOPERNY_115KV_TB1 80082	19.96 0.50 0.00	23.23 0.75 0.00	25.72 0.81 0.00	31.04 0.97 0.00	26.75 0.84 0.00	24.66 0.78 0.00	30.79 1.05 0.00	37.43 1.23 0.00	36.72 1.16 0.00	38.00 1.21 0.00	42.05 1.33 0.00	42.93 1.53 0.00	40.87 1.44 0.00	45.38 1.18 0.00	44.37 1.13 0.00	43.30 1.21 0.00	47.88 1.45 0.00	49.77 1.50 0.00	58.95 1.69 0.00	72.25 1.66 0.00	45.68 1.00 0.00	41.73 0.96 0.00	34.40 0.79 0.00	28.89 0.62 0.00
COPENHAGEN_WT_PWR 323753	19.43 -0.02 0.00	22.30 -0.18 0.00	24.83 -0.09 0.00	30.23 0.16 0.00	26.12 0.21 0.00	24.31 0.42 0.00	30.34 0.59 0.00	37.31 1.11 0.00	36.67 1.11 0.00	37.62 0.83 0.00	41.41 0.70 0.00	42.08 0.68 0.00	40.50 1.07 0.00	45.24 1.03 0.00	43.77 0.53 0.00	43.02 0.92 0.00	47.66 1.24 0.00	50.42 2.14 0.00	59.88 2.61 0.00	73.97 3.39 0.00	46.56 1.88 0.00	42.47 1.69 0.00	35.16 1.54 0.00	29.38 1.11 0.00
CORNELL_____ 23752	19.68 0.22 0.00	22.90 0.41 0.00	25.36 0.44 0.00	30.61 0.54 0.00	26.41 0.50 0.00	24.37 0.49 0.00	30.42 0.67 0.00	37.16 0.95 0.00	36.45 0.89 0.00	37.71 0.91 0.00	41.75 1.03 0.00	42.48 1.09 0.00	40.43 1.00 0.00	45.23 1.03 0.00	44.21 0.97 0.00	43.13 1.04 0.00	47.59 1.17 0.00	49.70 1.42 0.00	58.99 1.72 0.00	72.46 1.87 0.00	45.81 1.13 0.00	41.67 0.90 0.00	34.32 0.70 0.00	28.93 0.66 0.00

CORONA__69_KV_TB1 355595	20.14 0.69 0.00	23.50 1.01 0.00	26.01 1.09 0.00	31.35 1.28 0.00	27.07 1.16 0.00	24.98 1.10 0.00	31.03 1.29 0.00	37.65 1.44 0.00	37.01 1.45 0.00	38.38 1.58 0.00	42.65 1.93 0.00	43.52 2.13 0.00	41.68 2.19 -0.06	45.75 1.55 0.00	44.76 1.52 0.00	43.63 1.54 0.00	48.19 1.77 0.00	50.15 1.88 0.00	59.31 2.04 0.00	71.78 1.81 0.62	45.82 1.14 0.00	41.57 1.02 0.23	34.59 0.97 0.00	29.08 0.81 0.00
CORTLAND__115KV_TB3 80093	19.52 0.07 0.00	22.70 0.22 0.00	25.15 0.24 0.00	30.38 0.31 0.00	26.20 0.28 0.00	24.17 0.29 0.00	30.16 0.41 0.00	36.82 0.62 0.00	36.13 0.58 0.00	37.38 0.59 0.00	41.38 0.66 0.00	42.16 0.76 0.00	40.11 0.69 0.00	44.86 0.65 0.00	43.86 0.62 0.00	42.76 0.67 0.00	47.20 0.77 0.00	49.21 0.94 0.00	58.29 1.03 0.00	71.62 1.03 0.00	45.28 0.60 0.00	41.24 0.47 0.00	33.97 0.35 0.00	28.62 0.35 0.00
COXSACKIE__GT 23611	20.16 0.71 0.00	23.51 1.02 0.00	26.05 1.14 0.00	31.41 1.35 0.00	27.12 1.21 0.00	25.34 1.46 0.00	31.60 1.85 0.00	38.43 2.22 0.00	37.84 2.27 0.00	39.12 2.32 0.00	42.44 1.72 0.00	42.89 1.50 0.00	41.11 1.68 0.00	45.79 1.59 0.00	44.88 1.64 0.00	43.66 1.57 0.00	48.27 1.85 0.00	50.12 1.84 0.00	59.37 2.11 0.00	72.69 2.11 0.00	45.93 1.25 0.00	41.78 1.01 0.00	34.35 0.73 0.00	28.82 0.56 0.00
CPV_VALLEY__CC1 323721	20.09 0.63 0.00	23.40 0.91 0.00	25.85 0.94 0.00	31.19 1.13 0.00	26.90 0.99 0.00	24.85 0.97 0.00	31.04 1.30 0.00	37.70 1.49 0.00	36.98 1.42 0.00	38.25 1.46 0.00	42.29 1.57 0.00	43.22 1.82 0.00	41.16 1.73 0.00	45.58 1.38 0.00	44.59 1.35 0.00	43.54 1.45 0.00	48.15 1.73 0.00	50.06 1.79 0.00	59.31 2.05 0.00	72.55 1.96 0.00	45.84 1.16 0.00	41.90 1.13 0.00	34.53 0.91 0.00	28.96 0.69 0.00
CPV_VALLEY__CC2 323722	20.09 0.63 0.00	23.40 0.91 0.00	25.85 0.94 0.00	31.19 1.13 0.00	26.90 0.99 0.00	24.85 0.97 0.00	31.04 1.30 0.00	37.70 1.49 0.00	36.98 1.42 0.00	38.25 1.46 0.00	42.29 1.57 0.00	43.22 1.82 0.00	41.16 1.73 0.00	45.58 1.38 0.00	44.59 1.35 0.00	43.54 1.45 0.00	48.15 1.73 0.00	50.06 1.79 0.00	59.31 2.05 0.00	72.55 1.96 0.00	45.84 1.16 0.00	41.90 1.13 0.00	34.53 0.91 0.00	28.96 0.69 0.00
CRESCENT__HYD 24018	19.83 0.38 0.00	23.16 0.67 0.00	25.63 0.72 0.00	30.93 0.86 0.00	26.66 0.75 0.00	24.62 0.74 0.00	30.58 0.84 0.00	37.04 0.83 0.00	36.47 0.91 0.00	37.80 1.00 0.00	41.76 1.05 0.00	42.57 1.17 0.00	40.65 1.22 0.00	45.12 0.92 0.00	44.17 0.93 0.00	43.00 0.91 0.00	47.54 1.11 0.00	49.22 0.94 0.00	58.26 1.00 0.00	71.57 0.98 0.00	45.30 0.62 0.00	41.34 0.56 0.00	34.06 0.44 0.00	28.52 0.25 0.00
CRICKET__VALLEY_CC1 323756	19.92 0.46 0.00	23.26 0.77 0.00	25.71 0.80 0.00	31.01 0.94 0.00	26.72 0.81 0.00	24.67 0.78 0.00	30.75 1.00 0.00	37.24 1.03 0.00	36.62 1.06 0.00	37.94 1.15 0.00	41.98 1.26 0.00	42.87 1.47 0.00	40.90 1.47 0.00	45.25 1.05 0.00	44.25 1.02 0.00	43.14 1.05 0.00	47.67 1.25 0.00	49.48 1.21 0.00	58.55 1.29 0.00	71.68 1.09 0.00	45.33 0.65 0.00	41.42 0.65 0.00	34.16 0.54 0.00	28.60 0.33 0.00
CRICKET__VALLEY_CC2 323757	19.92 0.46 0.00	23.26 0.77 0.00	25.71 0.80 0.00	31.01 0.94 0.00	26.72 0.81 0.00	24.67 0.78 0.00	30.75 1.00 0.00	37.24 1.03 0.00	36.62 1.06 0.00	37.94 1.15 0.00	41.98 1.26 0.00	42.87 1.47 0.00	40.90 1.47 0.00	45.25 1.05 0.00	44.25 1.02 0.00	43.14 1.05 0.00	47.67 1.25 0.00	49.48 1.21 0.00	58.55 1.29 0.00	71.68 1.09 0.00	45.33 0.65 0.00	41.42 0.65 0.00	34.16 0.54 0.00	28.60 0.33 0.00
CRICKET__VALLEY_CC3 323758	19.92 0.46 0.00	23.26 0.77 0.00	25.71 0.80 0.00	31.01 0.94 0.00	26.72 0.81 0.00	24.67 0.78 0.00	30.75 1.00 0.00	37.24 1.03 0.00	36.62 1.06 0.00	37.94 1.15 0.00	41.98 1.26 0.00	42.87 1.47 0.00	40.90 1.47 0.00	45.25 1.05 0.00	44.25 1.02 0.00	43.14 1.05 0.00	47.67 1.25 0.00	49.48 1.21 0.00	58.55 1.29 0.00	71.68 1.09 0.00	45.33 0.65 0.00	41.42 0.65 0.00	34.16 0.54 0.00	28.60 0.33 0.00
CRUCIBLE_METL_DRP 24180	19.31 -0.14 0.00	22.44 -0.05 0.00	24.84 -0.07 0.00	30.00 -0.07 0.00	25.86 -0.05 0.00	23.87 -0.02 0.00	29.77 0.02 0.00	36.37 0.16 0.00	35.68 0.13 0.00	36.93 0.14 0.00	40.90 0.18 0.00	41.63 0.23 0.00	39.66 0.23 0.00	44.33 0.13 0.00	43.37 0.13 0.00	42.31 0.22 0.00	46.64 0.22 0.00	48.59 0.31 0.00	57.57 0.30 0.00	70.76 0.17 0.00	44.74 0.06 0.00	40.74 -0.03 0.00	33.56 -0.06 0.00	28.21 -0.06 0.00
DAHOWA__HYDRO 323763	20.07 0.61 0.00	23.41 0.93 0.00	25.91 0.99 0.00	31.30 1.23 0.00	26.98 1.07 0.00	24.92 1.03 0.00	30.96 1.21 0.00	37.62 1.41 0.00	37.09 1.53 0.00	38.48 1.69 0.00	42.52 1.80 0.00	43.29 1.89 0.00	41.32 1.89 0.00	45.90 1.69 0.00	44.92 1.68 0.00	43.84 1.75 0.00	48.51 2.09 0.00	50.27 1.99 0.00	59.56 2.30 0.00	73.10 2.52 0.00	46.21 1.53 0.00	42.13 1.36 0.00	34.67 1.05 0.00	28.99 0.72 0.00
DANC__LFGE 323619	19.31 -0.14 0.00	22.25 -0.23 0.00	24.71 -0.20 0.00	30.00 -0.07 0.00	25.90 -0.01 0.00	24.02 0.13 0.00	29.93 0.18 0.00	36.73 0.52 0.00	36.11 0.55 0.00	37.16 0.37 0.00	40.99 0.28 0.00	41.68 0.29 0.00	39.95 0.52 0.00	44.64 0.44 0.00	43.39 0.15 0.00	42.51 0.42 0.00	47.02 0.59 0.00	49.38 1.11 0.00	58.62 1.35 0.00	72.29 1.71 0.00	45.58 0.90 0.00	41.61 0.84 0.00	34.38 0.76 0.00	28.79 0.52 0.00
DANSKAMMER__1 23586	20.27 0.82 0.00	23.62 1.14 0.00	26.11 1.20 0.00	31.50 1.43 0.00	27.17 1.26 0.00	25.07 1.19 0.00	31.32 1.57 0.00	38.02 1.82 0.00	37.33 1.78 0.00	38.68 1.88 0.00	42.81 2.09 0.00	43.75 2.36 0.00	41.70 2.27 0.00	46.17 1.97 0.00	45.14 1.91 0.00	44.04 1.95 0.00	48.69 2.27 0.00	50.62 2.35 0.00	59.95 2.69 0.00	73.37 2.79 0.00	46.35 1.68 0.00	42.33 1.56 0.00	34.88 1.27 0.00	29.22 0.96 0.00
DANSKAMMER__2 23589	20.27 0.82 0.00	23.62 1.14 0.00	26.11 1.20 0.00	31.50 1.43 0.00	27.17 1.26 0.00	25.07 1.19 0.00	31.32 1.57 0.00	38.02 1.82 0.00	37.33 1.78 0.00	38.68 1.88 0.00	42.81 2.09 0.00	43.75 2.36 0.00	41.70 2.27 0.00	46.17 1.97 0.00	45.14 1.91 0.00	44.04 1.95 0.00	48.69 2.27 0.00	50.62 2.35 0.00	59.95 2.69 0.00	73.37 2.79 0.00	46.35 1.68 0.00	42.33 1.56 0.00	34.88 1.27 0.00	29.22 0.96 0.00
DANSKAMMER__3 23590	20.27 0.82 0.00	23.62 1.14 0.00	26.11 1.20 0.00	31.50 1.43 0.00	27.17 1.26 0.00	25.07 1.19 0.00	31.32 1.57 0.00	38.02 1.82 0.00	37.33 1.78 0.00	38.68 1.88 0.00	42.81 2.09 0.00	43.75 2.36 0.00	41.70 2.27 0.00	46.17 1.97 0.00	45.14 1.91 0.00	44.04 1.95 0.00	48.69 2.27 0.00	50.62 2.35 0.00	59.95 2.69 0.00	73.37 2.79 0.00	46.35 1.68 0.00	42.33 1.56 0.00	34.88 1.27 0.00	29.22 0.96 0.00

DANSKAMMER___4 23591	20.27 0.82 0.00	23.62 1.14 0.00	26.11 1.20 0.00	31.50 1.43 0.00	27.17 1.26 0.00	25.07 1.19 0.00	31.32 1.57 0.00	38.02 1.82 0.00	37.33 1.78 0.00	38.68 1.88 0.00	42.81 2.09 0.00	43.75 2.36 0.00	41.70 2.27 0.00	46.17 1.97 0.00	45.14 1.91 0.00	44.04 1.95 0.00	48.69 2.27 0.00	50.62 2.35 0.00	59.95 2.69 0.00	73.37 2.79 0.00	46.35 1.68 0.00	42.33 1.56 0.00	34.88 1.27 0.00	29.22 0.96 0.00
DANSKAMMER___DIESEL 23592	20.27 0.82 0.00	23.62 1.14 0.00	26.11 1.20 0.00	31.50 1.44 0.00	27.17 1.26 0.00	25.07 1.19 0.00	31.32 1.57 0.00	38.02 1.82 0.00	37.33 1.78 0.00	38.68 1.88 0.00	42.81 2.10 0.00	43.76 2.36 0.00	41.71 2.27 0.00	46.17 1.97 0.00	45.14 1.90 0.00	44.04 1.95 0.00	48.69 2.27 0.00	50.62 2.35 0.00	59.95 2.69 0.00	73.37 2.78 0.00	46.36 1.68 0.00	42.33 1.56 0.00	34.88 1.27 0.00	29.22 0.96 0.00
DARBY___SOLAR 323810	20.01 0.55 0.00	23.35 0.86 0.00	25.84 0.93 0.00	31.21 1.14 0.00	26.90 0.99 0.00	24.85 0.96 0.00	30.86 1.12 0.00	37.48 1.27 0.00	36.95 1.39 0.00	38.30 1.51 0.00	42.32 1.60 0.00	43.10 1.70 0.00	41.15 1.72 0.00	45.71 1.50 0.00	44.74 1.50 0.00	43.63 1.54 0.00	48.27 1.85 0.00	50.02 1.75 0.00	59.27 2.01 0.00	72.75 2.16 0.00	46.00 1.32 0.00	41.95 1.18 0.00	34.54 0.92 0.00	28.89 0.62 0.00
DASHVILLE___HYD 23610	20.04 0.59 0.00	23.36 0.87 0.00	25.85 0.94 0.00	31.18 1.11 0.00	26.88 0.96 0.00	24.78 0.90 0.00	30.93 1.18 0.00	37.55 1.34 0.00	36.88 1.32 0.00	38.29 1.49 0.00	42.38 1.66 0.00	43.30 1.90 0.00	41.28 1.85 0.00	45.70 1.49 0.00	44.67 1.43 0.00	43.56 1.46 0.00	48.13 1.71 0.00	50.00 1.72 0.00	59.21 1.95 0.00	72.52 1.93 0.00	45.85 1.18 0.00	41.91 1.14 0.00	34.54 0.93 0.00	28.94 0.67 0.00
DELAWARE___LFGE 323621	19.76 0.30 0.00	23.01 0.52 0.00	25.56 0.65 0.00	30.83 0.76 0.00	26.53 0.62 0.00	24.41 0.53 0.00	30.47 0.73 0.00	37.07 0.86 0.00	36.37 0.81 0.00	37.65 0.86 0.00	41.72 1.00 0.00	42.55 1.15 0.00	40.54 1.11 0.00	45.22 1.02 0.00	44.21 0.98 0.00	43.11 1.01 0.00	47.59 1.16 0.00	49.47 1.19 0.00	58.58 1.32 0.00	71.94 1.35 0.00	45.55 0.87 0.00	41.59 0.82 0.00	34.28 0.66 0.00	28.84 0.57 0.00
DERFIELD_115KV_TB7 355931	19.47 0.01 0.00	22.55 0.06 0.00	24.99 0.08 0.00	30.16 0.09 0.00	25.99 0.08 0.00	23.96 0.08 0.00	29.84 0.09 0.00	36.31 0.11 0.00	35.66 0.11 0.00	36.90 0.11 0.00	40.84 0.12 0.00	41.62 0.22 0.00	39.70 0.27 0.00	44.37 0.17 0.00	43.42 0.18 0.00	42.28 0.18 0.00	46.66 0.23 0.00	48.51 0.23 0.00	57.46 0.20 0.00	70.73 0.14 0.00	44.77 0.09 0.00	40.85 0.08 0.00	33.68 0.06 0.00	28.29 0.02 0.00
DOGLEVILLE___HYD 23807	20.29 0.84 0.00	23.77 1.28 0.00	26.34 1.42 0.00	31.76 1.69 0.00	27.42 1.51 0.00	25.28 1.40 0.00	31.63 1.89 0.00	38.45 2.24 0.00	37.72 2.16 0.00	39.09 2.30 0.00	43.25 2.53 0.00	43.80 2.41 0.00	41.86 2.43 0.00	46.49 2.29 0.00	45.67 2.43 0.00	44.64 2.55 0.00	49.30 2.87 0.00	51.19 2.91 0.00	60.54 3.28 0.00	74.32 3.73 0.00	47.04 2.36 0.00	43.00 2.23 0.00	35.36 1.74 0.00	29.67 1.40 0.00
DUNKIRK___115KV_TB_200 55889	19.31 -0.14 0.00	22.58 0.10 0.00	24.97 0.05 0.00	30.22 0.15 0.00	26.19 0.28 0.00	24.11 0.23 0.00	29.82 0.08 0.00	35.94 -0.26 0.00	34.99 -0.57 0.00	36.24 -0.55 0.00	40.56 -0.16 0.00	41.64 0.24 0.00	39.43 0.00 0.00	44.37 0.17 0.00	43.42 0.18 0.00	42.16 0.07 0.00	46.04 -0.39 0.00	48.09 -0.19 0.00	56.92 -0.34 0.00	69.79 -0.79 0.00	44.32 -0.36 0.00	40.11 -0.66 0.00	33.42 -0.19 0.00	28.95 0.68 0.00
DUNKIRK___1 23563	19.31 -0.14 0.00	22.58 0.10 0.00	24.97 0.05 0.00	30.22 0.15 0.00	26.19 0.28 0.00	24.11 0.23 0.00	29.82 0.08 0.00	35.94 -0.26 0.00	34.99 -0.57 0.00	36.24 -0.55 0.00	40.56 -0.16 0.00	41.64 0.24 0.00	39.43 0.00 0.00	44.37 0.17 0.00	43.42 0.18 0.00	42.16 0.07 0.00	46.04 -0.39 0.00	48.09 -0.19 0.00	56.92 -0.34 0.00	69.79 -0.79 0.00	44.32 -0.36 0.00	40.11 -0.66 0.00	33.42 -0.19 0.00	28.95 0.68 0.00
DUNKIRK___2 23564	19.31 -0.14 0.00	22.58 0.10 0.00	24.97 0.05 0.00	30.22 0.15 0.00	26.19 0.28 0.00	24.11 0.23 0.00	29.82 0.08 0.00	35.94 -0.26 0.00	34.99 -0.57 0.00	36.24 -0.55 0.00	40.56 -0.16 0.00	41.64 0.24 0.00	39.43 0.00 0.00	44.37 0.17 0.00	43.42 0.18 0.00	42.16 0.07 0.00	46.04 -0.39 0.00	48.09 -0.19 0.00	56.92 -0.34 0.00	69.79 -0.79 0.00	44.32 -0.36 0.00	40.11 -0.66 0.00	33.42 -0.19 0.00	28.95 0.68 0.00
DUNKIRK___3 23565	19.30 -0.16 0.00	22.57 0.09 0.00	24.96 0.04 0.00	30.18 0.12 0.00	26.16 0.25 0.00	24.07 0.18 0.00	29.71 -0.03 0.00	35.80 -0.41 0.00	34.88 -0.68 0.00	36.10 -0.69 0.00	40.37 -0.35 0.00	41.45 0.05 0.00	39.34 -0.09 0.00	44.22 0.02 0.00	43.22 -0.01 0.00	41.98 -0.12 0.00	45.88 -0.54 0.00	47.87 -0.40 0.00	56.62 -0.64 0.00	69.39 -1.20 0.00	44.09 -0.59 0.00	39.94 -0.83 0.00	33.27 -0.35 0.00	28.84 0.57 0.00
DUNKIRK___4 23566	19.30 -0.16 0.00	22.57 0.09 0.00	24.96 0.04 0.00	30.18 0.12 0.00	26.16 0.25 0.00	24.07 0.18 0.00	29.71 -0.03 0.00	35.80 -0.41 0.00	34.88 -0.68 0.00	36.10 -0.69 0.00	40.37 -0.35 0.00	41.45 0.05 0.00	39.34 -0.09 0.00	44.22 0.02 0.00	43.22 -0.01 0.00	41.98 -0.12 0.00	45.88 -0.54 0.00	47.87 -0.40 0.00	56.62 -0.64 0.00	69.39 -1.20 0.00	44.09 -0.59 0.00	39.94 -0.83 0.00	33.27 -0.35 0.00	28.84 0.57 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.19 0.74 0.00	23.54 1.05 0.00	26.00 1.09 0.00	31.39 1.32 0.00	27.09 1.18 0.00	25.02 1.14 0.00	31.25 1.51 0.00	37.89 1.68 0.00	37.17 1.62 0.00	38.50 1.71 0.00	42.59 1.87 0.00	43.53 2.13 0.00	41.47 2.04 0.00	45.83 1.63 0.00	44.80 1.57 0.00	43.72 1.63 0.00	48.34 1.91 0.00	50.26 1.98 0.00	59.54 2.27 0.00	72.80 2.21 0.00	45.97 1.29 0.00	42.04 1.27 0.00	34.71 1.09 0.00	29.10 0.83 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.20 0.74 0.00	23.53 1.05 0.00	26.00 1.09 0.00	31.37 1.30 0.00	27.05 1.14 0.00	24.98 1.10 0.00	31.22 1.47 0.00	37.91 1.71 0.00	37.20 1.64 0.00	38.52 1.72 0.00	42.60 1.88 0.00	43.55 2.15 0.00	41.47 2.04 0.00	45.92 1.72 0.00	44.90 1.66 0.00	43.84 1.75 0.00	48.50 2.08 0.00	50.43 2.15 0.00	59.76 2.50 0.00	73.10 2.51 0.00	46.18 1.50 0.00	42.19 1.42 0.00	34.76 1.14 0.00	29.13 0.86 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.25 0.80 0.00	23.59 1.10 0.00	26.04 1.13 0.00	31.24 1.17 0.00	26.92 1.01 0.00	24.98 1.10 0.00	31.22 1.47 0.00	37.89 1.68 0.00	37.23 1.67 0.00	38.54 1.75 0.00	42.62 1.90 0.00	43.56 2.16 0.00	41.52 2.09 0.00	45.83 1.62 0.00	44.81 1.57 0.00	43.75 1.66 0.00	48.35 1.93 0.00	50.31 2.03 0.00	59.61 2.35 0.00	72.88 2.30 0.00	46.02 1.34 0.00	42.10 1.33 0.00	34.78 1.16 0.00	29.13 0.86 0.00

E179THST_13_KV_LOAD 356214	20.34 0.88 0.00	23.68 1.19 0.00	26.14 1.23 0.00	31.35 1.28 0.00	27.01 1.11 0.00	25.07 1.19 0.00	31.34 1.60 0.00	38.04 1.84 0.00	37.38 1.83 0.00	38.71 1.92 0.00	42.81 2.09 0.00	43.76 2.36 0.00	41.71 2.28 0.00	46.04 1.84 0.00	45.02 1.78 0.00	43.96 1.87 0.00	48.58 2.16 0.00	50.56 2.29 0.00	59.92 2.66 0.00	73.24 2.66 0.00	46.24 1.56 0.00	42.29 1.52 0.00	34.93 1.32 0.00	29.25 0.98 0.00
EAST HAMPTON___GT 23717	19.09 -0.36 0.00	22.48 0.00 0.00	25.02 0.11 0.00	30.17 0.10 0.00	26.28 0.37 0.00	24.04 0.16 0.00	29.86 0.12 0.00	36.50 0.30 0.00	36.30 0.74 0.00	37.88 1.08 0.00	42.04 1.32 0.00	42.91 1.52 0.00	41.17 1.71 -0.03	44.98 0.78 0.00	43.84 0.61 0.00	42.16 0.07 0.00	46.50 0.08 0.00	48.34 0.06 0.00	57.16 -0.11 0.00	62.39 -0.98 7.22	43.94 -0.74 0.00	37.54 -0.87 2.36	33.08 -0.54 0.00	28.32 0.06 0.00
EAST RIVER___6 23660	20.25 0.80 0.00	23.58 1.09 0.00	26.01 1.10 0.00	31.41 1.34 0.00	27.12 1.21 0.00	25.08 1.19 0.00	31.35 1.60 0.00	38.05 1.84 0.00	37.35 1.80 0.00	38.69 1.90 0.00	42.78 2.07 0.00	43.74 2.35 0.00	41.66 2.22 0.00	46.02 1.82 0.00	45.01 1.77 0.00	43.96 1.87 0.00	48.59 2.17 0.00	50.56 2.29 0.00	59.89 2.62 0.00	73.15 2.57 0.00	46.18 1.49 0.00	42.25 1.48 0.00	34.89 1.27 0.00	29.22 0.95 0.00
EAST RIVER___7 23524	20.25 0.80 0.00	23.58 1.09 0.00	26.01 1.10 0.00	31.41 1.34 0.00	27.12 1.21 0.00	25.08 1.19 0.00	31.35 1.60 0.00	38.05 1.84 0.00	37.35 1.80 0.00	38.69 1.90 0.00	42.78 2.07 0.00	43.74 2.35 0.00	41.66 2.22 0.00	46.02 1.82 0.00	45.01 1.77 0.00	43.96 1.87 0.00	48.59 2.17 0.00	50.56 2.29 0.00	59.89 2.62 0.00	73.15 2.57 0.00	46.18 1.49 0.00	42.25 1.48 0.00	34.89 1.27 0.00	29.22 0.95 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.17 0.71 0.00	23.50 1.01 0.00	25.96 1.05 0.00	31.34 1.27 0.00	27.04 1.13 0.00	24.98 1.09 0.00	31.19 1.45 0.00	37.84 1.64 0.00	37.13 1.57 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.47 2.07 0.00	41.41 1.98 0.00	45.78 1.58 0.00	44.75 1.51 0.00	43.68 1.58 0.00	48.29 1.86 0.00	50.20 1.92 0.00	59.47 2.20 0.00	72.72 2.13 0.00	45.93 1.25 0.00	42.00 1.23 0.00	34.66 1.04 0.00	29.06 0.79 0.00
EAST_HAMPTON___DIESEL 23722	19.02 -0.43 0.00	22.41 -0.08 0.00	24.93 0.02 0.00	30.06 -0.01 0.00	26.20 0.29 0.00	23.97 0.08 0.00	29.78 0.03 0.00	36.39 0.19 0.00	36.20 0.64 0.00	37.79 0.99 0.00	41.95 1.23 0.00	42.81 1.42 0.00	41.08 1.62 -0.03	44.87 0.67 0.00	43.74 0.50 0.00	42.01 -0.08 0.00	46.33 -0.09 0.00	48.18 -0.09 0.00	56.97 -0.30 0.00	62.14 -1.22 7.22	43.79 -0.89 0.00	37.40 -1.02 2.36	32.97 -0.65 0.00	28.26 -0.01 0.00
EAST_POINT___SOLAR 323840	19.79 0.34 0.00	22.87 0.38 0.00	25.35 0.44 0.00	30.64 0.57 0.00	26.39 0.48 0.00	24.39 0.50 0.00	30.56 0.82 0.00	37.39 1.19 0.00	36.71 1.15 0.00	37.95 1.15 0.00	42.07 1.35 0.00	42.64 1.24 0.00	40.62 1.19 0.00	45.48 1.28 0.00	44.64 1.40 0.00	43.64 1.55 0.00	48.17 1.74 0.00	50.19 1.91 0.00	59.56 2.29 0.00	73.55 2.96 0.00	46.45 1.77 0.00	42.29 1.52 0.00	34.72 1.10 0.00	29.13 0.87 0.00
EAST_PULASKI___ESR 323781	19.20 -0.26 0.00	22.22 -0.27 0.00	24.62 -0.29 0.00	29.79 -0.28 0.00	25.70 -0.21 0.00	23.75 -0.13 0.00	29.52 -0.22 0.00	36.13 -0.07 0.00	35.52 -0.04 0.00	36.68 -0.11 0.00	40.55 -0.16 0.00	41.27 -0.13 0.00	39.39 -0.04 0.00	43.98 -0.22 0.00	42.94 -0.29 0.00	41.97 -0.12 0.00	46.36 -0.07 0.00	48.39 0.11 0.00	57.37 0.11 0.00	70.63 0.05 0.00	44.63 -0.05 0.00	40.73 -0.05 0.00	33.57 -0.05 0.00	28.17 -0.10 0.00
EAST_RIVER___1 323558	20.25 0.80 0.00	23.60 1.11 0.00	26.03 1.12 0.00	31.44 1.37 0.00	27.14 1.23 0.00	25.11 1.22 0.00	31.37 1.62 0.00	38.07 1.86 0.00	37.36 1.80 0.00	38.68 1.89 0.00	42.77 2.05 0.00	43.71 2.31 0.00	41.63 2.20 0.00	45.98 1.77 0.00	44.95 1.72 0.00	43.89 1.79 0.00	48.52 2.10 0.00	50.48 2.20 0.00	59.82 2.56 0.00	73.12 2.53 0.00	46.13 1.45 0.00	42.20 1.43 0.00	34.85 1.23 0.00	29.20 0.94 0.00
EAST_RIVER___2 323559	20.25 0.80 0.00	23.58 1.09 0.00	26.01 1.10 0.00	31.41 1.34 0.00	27.12 1.21 0.00	25.08 1.19 0.00	31.35 1.60 0.00	38.05 1.84 0.00	37.35 1.80 0.00	38.69 1.90 0.00	42.78 2.07 0.00	43.74 2.35 0.00	41.66 2.22 0.00	46.02 1.82 0.00	45.01 1.77 0.00	43.96 1.87 0.00	48.59 2.17 0.00	50.56 2.29 0.00	59.89 2.62 0.00	73.15 2.57 0.00	46.18 1.49 0.00	42.25 1.48 0.00	34.89 1.27 0.00	29.22 0.95 0.00
EAST___DELAWARE_HYD 23607	19.90 0.44 0.00	23.15 0.66 0.00	25.61 0.69 0.00	30.89 0.82 0.00	26.61 0.70 0.00	24.56 0.67 0.00	30.72 0.97 0.00	37.36 1.16 0.00	36.70 1.15 0.00	38.06 1.27 0.00	42.12 1.41 0.00	43.01 1.62 0.00	40.80 1.37 0.00	44.21 0.01 0.00	43.25 0.01 0.00	42.21 0.12 0.00	46.74 0.31 0.00	48.64 0.36 0.00	57.85 0.59 0.00	72.43 1.85 0.00	45.76 1.08 0.00	41.76 0.99 0.00	34.37 0.75 0.00	28.79 0.53 0.00
EIGHT_POINT___WT_PWR 323820	19.23 -0.23 0.00	22.45 -0.03 0.00	24.71 -0.20 0.00	29.84 -0.22 0.00	25.94 0.03 0.00	23.85 -0.03 0.00	29.47 -0.28 0.00	35.74 -0.46 0.00	34.71 -0.85 0.00	36.07 -0.73 0.00	39.95 -0.77 0.00	40.86 -0.53 0.00	38.92 -0.51 0.00	43.75 -0.45 0.00	42.80 -0.44 0.00	41.51 -0.58 0.00	45.73 -0.69 0.00	47.93 -0.35 0.00	56.58 -0.69 0.00	69.40 -1.19 0.00	44.39 -0.29 0.00	40.58 -0.20 0.00	33.77 0.15 0.00	28.91 0.64 0.00
ELBRIDGE_115KV_TB2 80188	19.25 -0.21 0.00	22.36 -0.13 0.00	24.77 -0.14 0.00	29.90 -0.17 0.00	25.76 -0.15 0.00	23.78 -0.10 0.00	29.65 -0.09 0.00	36.22 0.01 0.00	35.53 -0.03 0.00	36.78 -0.01 0.00	40.74 0.02 0.00	41.43 0.03 0.00	39.47 0.04 0.00	44.10 -0.10 0.00	43.14 -0.10 0.00	42.11 0.01 0.00	46.38 -0.04 0.00	48.30 0.03 0.00	57.26 0.00 0.00	70.40 -0.19 0.00	44.53 -0.15 0.00	40.57 -0.20 0.00	33.41 -0.21 0.00	28.08 -0.19 0.00
ELEC_TRO_TEK 24086	20.04 0.58 0.00	23.38 0.89 0.00	25.88 0.97 0.00	31.19 1.12 0.00	26.93 1.03 0.00	24.85 0.97 0.00	30.89 1.14 0.00	37.49 1.28 0.00	36.84 1.29 0.00	38.22 1.42 0.00	42.46 1.75 0.00	43.32 1.93 0.00	41.47 1.99 -0.06	45.49 1.29 0.00	44.51 1.27 0.00	43.40 1.30 0.00	47.93 1.50 0.00	49.85 1.57 0.00	58.93 1.66 0.00	70.36 1.41 1.63	45.53 0.85 0.00	41.01 0.78 0.55	34.40 0.78 0.00	28.92 0.65 0.00
ELLENBURG_WT_PWR 323604	19.56 0.11 0.00	20.70 -1.79 0.00	22.52 -2.39 0.00	27.22 -2.85 0.00	23.67 -2.24 0.00	21.95 -1.93 0.00	26.99 -2.75 0.00	32.63 -3.57 0.00	31.78 -3.78 0.00	32.26 -4.53 0.00	35.96 -4.76 0.00	34.64 -1.96 4.80	38.63 -0.80 0.00	43.40 -0.80 0.00	42.46 -0.77 0.00	41.31 -0.78 0.00	45.45 -0.98 0.00	47.29 -0.98 0.00	56.53 -0.73 0.00	70.46 -0.12 0.00	44.52 -0.17 0.00	40.90 0.12 0.00	33.99 0.37 0.00	28.68 0.41 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.29 -0.17 0.00	22.55 0.06 0.00	24.93 0.02 0.00	30.13 0.06 0.00	26.11 0.19 0.00	23.98 0.10 0.00	29.48 -0.26 0.00	35.38 -0.83 0.00	34.56 -1.00 0.00	35.74 -1.05 0.00	39.87 -0.85 0.00	41.02 -0.37 0.00	39.16 -0.27 0.00	43.96 -0.24 0.00	43.00 -0.24 0.00	41.71 -0.38 0.00	45.54 -0.89 0.00	47.35 -0.92 0.00	55.85 -1.41 0.00	68.39 -2.19 0.00	43.56 -1.12 0.00	39.53 -1.24 0.00	32.94 -0.67 0.00	28.65 0.38 0.00
EMPIRE_CC_1 323656	19.75 0.30 0.00	23.11 0.62 0.00	25.57 0.66 0.00	30.85 0.78 0.00	26.58 0.67 0.00	24.55 0.66 0.00	30.46 0.72 0.00	36.82 0.62 0.00	36.22 0.67 0.00	37.52 0.73 0.00	41.45 0.73 0.00	42.27 0.87 0.00	40.38 0.95 0.00	44.78 0.58 0.00	43.82 0.58 0.00	42.61 0.51 0.00	47.09 0.66 0.00	48.73 0.45 0.00	57.68 0.42 0.00	70.84 0.25 0.00	44.87 0.19 0.00	40.98 0.20 0.00	33.78 0.17 0.00	28.32 0.05 0.00
EMPIRE_CC_2 323658	19.75 0.30 0.00	23.11 0.62 0.00	25.57 0.66 0.00	30.85 0.78 0.00	26.58 0.67 0.00	24.55 0.66 0.00	30.46 0.72 0.00	36.82 0.62 0.00	36.22 0.67 0.00	37.52 0.73 0.00	41.45 0.73 0.00	42.27 0.87 0.00	40.38 0.95 0.00	44.78 0.58 0.00	43.82 0.58 0.00	42.61 0.51 0.00	47.09 0.66 0.00	48.73 0.45 0.00	57.68 0.42 0.00	70.84 0.25 0.00	44.87 0.19 0.00	40.98 0.20 0.00	33.78 0.17 0.00	28.32 0.05 0.00
ENORWICH_115KV_TB1 80156	19.85 0.40 0.00	23.35 0.86 0.00	25.81 0.89 0.00	31.11 1.05 0.00	26.91 1.00 0.00	24.87 0.98 0.00	31.15 1.40 0.00	37.94 1.73 0.00	37.07 1.51 0.00	38.24 1.45 0.00	42.57 1.86 0.00	43.38 1.99 0.00	41.39 1.96 0.00	46.45 2.25 0.00	45.52 2.28 0.00	44.46 2.37 0.00	49.16 2.73 0.00	51.37 3.09 0.00	61.38 4.12 0.00	75.49 4.91 0.00	47.74 3.06 0.00	43.39 2.62 0.00	35.67 2.05 0.00	30.08 1.82 0.00
ERIE_ST__34_KV_TB1-2 80199	19.37 -0.09 0.00	22.64 0.15 0.00	25.02 0.11 0.00	30.23 0.16 0.00	26.20 0.29 0.00	24.08 0.19 0.00	29.63 -0.11 0.00	35.67 -0.54 0.00	34.87 -0.69 0.00	36.08 -0.71 0.00	40.24 -0.48 0.00	41.36 -0.04 0.00	39.42 -0.01 0.00	44.22 0.02 0.00	43.11 -0.12 0.00	41.83 -0.27 0.00	45.91 -0.51 0.00	47.74 -0.53 0.00	56.40 -0.86 0.00	69.01 -1.58 0.00	43.91 -0.77 0.00	39.85 -0.92 0.00	33.15 -0.47 0.00	28.78 0.51 0.00
ERIE_WT_PWR 323693	19.35 -0.11 0.00	22.63 0.14 0.00	25.02 0.11 0.00	30.21 0.15 0.00	26.20 0.29 0.00	24.07 0.19 0.00	29.60 -0.14 0.00	35.57 -0.63 0.00	34.73 -0.83 0.00	35.92 -0.87 0.00	40.03 -0.69 0.00	41.18 -0.22 0.00	39.29 -0.14 0.00	44.09 -0.11 0.00	43.10 -0.13 0.00	41.81 -0.28 0.00	45.74 -0.69 0.00	47.60 -0.68 0.00	56.22 -1.04 0.00	68.83 -1.76 0.00	43.84 -0.84 0.00	39.78 -0.99 0.00	33.13 -0.49 0.00	28.77 0.50 0.00
ESPRGFLD_115KV_TB1 80157	19.53 0.07 0.00	22.55 0.06 0.00	25.03 0.12 0.00	30.24 0.17 0.00	26.02 0.11 0.00	23.97 0.09 0.00	30.04 0.30 0.00	36.77 0.56 0.00	36.04 0.48 0.00	37.30 0.50 0.00	41.42 0.70 0.00	42.16 0.76 0.00	40.15 0.72 0.00	45.06 0.85 0.00	44.07 0.83 0.00	43.03 0.94 0.00	47.42 0.99 0.00	49.46 1.19 0.00	58.61 1.35 0.00	72.33 1.74 0.00	45.75 1.07 0.00	41.73 0.96 0.00	34.36 0.74 0.00	28.91 0.64 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.64 0.18 0.00	22.86 0.38 0.00	25.31 0.40 0.00	30.56 0.49 0.00	26.36 0.45 0.00	24.33 0.44 0.00	30.36 0.61 0.00	37.08 0.87 0.00	36.36 0.81 0.00	37.62 0.83 0.00	41.66 0.94 0.00	42.40 1.00 0.00	40.34 0.91 0.00	45.12 0.92 0.00	44.12 0.88 0.00	43.04 0.95 0.00	47.50 1.07 0.00	49.57 1.29 0.00	58.82 1.56 0.00	72.26 1.67 0.00	45.68 1.01 0.00	41.58 0.81 0.00	34.25 0.63 0.00	28.86 0.59 0.00
ETNA____115KV_TB2 80207	19.64 0.18 0.00	22.86 0.38 0.00	25.31 0.40 0.00	30.56 0.49 0.00	26.36 0.45 0.00	24.33 0.44 0.00	30.36 0.61 0.00	37.08 0.87 0.00	36.36 0.81 0.00	37.62 0.83 0.00	41.66 0.94 0.00	42.40 1.00 0.00	40.34 0.91 0.00	45.12 0.92 0.00	44.12 0.88 0.00	43.04 0.95 0.00	47.50 1.07 0.00	49.57 1.29 0.00	58.82 1.56 0.00	72.26 1.67 0.00	45.68 1.01 0.00	41.58 0.81 0.00	34.25 0.63 0.00	28.86 0.59 0.00
EUCLID__115KV_TB2 356179	19.12 -0.34 0.00	22.21 -0.28 0.00	24.59 -0.32 0.00	29.69 -0.38 0.00	25.60 -0.31 0.00	23.61 -0.27 0.00	29.43 -0.32 0.00	35.94 -0.26 0.00	35.30 -0.26 0.00	36.54 -0.25 0.00	40.46 -0.26 0.00	41.20 -0.19 0.00	39.27 -0.17 0.00	43.92 -0.28 0.00	42.97 -0.26 0.00	41.86 -0.23 0.00	46.15 -0.28 0.00	48.03 -0.24 0.00	56.88 -0.39 0.00	69.92 -0.67 0.00	44.24 -0.44 0.00	40.31 -0.46 0.00	33.23 -0.39 0.00	27.94 -0.33 0.00
E_CANADA_CAP_HY 24051	19.40 -0.05 0.00	22.33 -0.16 0.00	24.75 -0.16 0.00	29.92 -0.15 0.00	25.75 -0.16 0.00	23.76 -0.12 0.00	29.77 0.03 0.00	36.43 0.23 0.00	35.75 0.20 0.00	36.98 0.18 0.00	41.04 0.32 0.00	41.73 0.33 0.00	39.69 0.26 0.00	44.60 0.40 0.00	43.67 0.43 0.00	42.66 0.57 0.00	46.94 0.52 0.00	48.97 0.69 0.00	57.96 0.69 0.00	71.68 1.10 0.00	45.33 0.65 0.00	41.40 0.63 0.00	34.07 0.45 0.00	28.64 0.37 0.00
E_CANADA_MHWK_HY 24050	20.29 0.84 0.00	23.77 1.28 0.00	26.34 1.42 0.00	31.76 1.69 0.00	27.42 1.51 0.00	25.28 1.40 0.00	31.63 1.89 0.00	38.45 2.25 0.00	37.72 2.17 0.00	39.10 2.30 0.00	43.25 2.53 0.00	43.80 2.40 0.00	41.86 2.43 0.00	46.49 2.28 0.00	45.67 2.43 0.00	44.64 2.55 0.00	49.30 2.87 0.00	51.19 2.91 0.00	60.54 3.28 0.00	74.31 3.73 0.00	47.04 2.36 0.00	43.00 2.22 0.00	35.36 1.74 0.00	29.67 1.40 0.00
E_FISHKILL__LBMP 23776	20.04 0.59 0.00	23.38 0.89 0.00	25.84 0.93 0.00	31.18 1.12 0.00	26.88 0.97 0.00	24.81 0.93 0.00	30.96 1.21 0.00	37.52 1.32 0.00	36.83 1.28 0.00	38.16 1.37 0.00	42.22 1.50 0.00	43.12 1.73 0.00	41.10 1.67 0.00	45.49 1.29 0.00	44.47 1.24 0.00	43.38 1.29 0.00	47.94 1.52 0.00	49.79 1.52 0.00	58.95 1.69 0.00	72.15 1.56 0.00	45.62 0.93 0.00	41.70 0.93 0.00	34.41 0.79 0.00	28.84 0.57 0.00
FALCON__SEABRD_CC1 323796	19.86 0.40 0.00	21.04 -1.45 0.00	22.77 -2.14 0.00	27.44 -2.63 0.00	23.89 -2.02 0.00	22.08 -1.81 0.00	26.84 -2.91 0.00	32.21 -4.00 0.00	31.26 -4.30 0.00	31.67 -5.12 0.00	35.21 -5.51 0.00	33.74 -2.85 4.80	37.85 -1.58 0.00	42.11 -2.09 0.00	41.32 -1.92 0.00	40.31 -1.79 0.00	44.25 -2.18 0.00	46.07 -2.21 0.00	55.23 -2.03 0.00	69.03 -1.55 0.00	43.59 -1.09 0.00	40.48 -0.29 0.00	34.13 0.52 0.00	28.89 0.62 0.00
FALCON__SEABRD_CC2 323797	19.86 0.40 0.00	21.04 -1.45 0.00	22.77 -2.14 0.00	27.44 -2.63 0.00	23.89 -2.02 0.00	22.08 -1.81 0.00	26.84 -2.91 0.00	32.21 -4.00 0.00	31.26 -4.30 0.00	31.67 -5.12 0.00	35.21 -5.51 0.00	33.74 -2.85 4.80	37.85 -1.58 0.00	42.11 -2.09 0.00	41.32 -1.92 0.00	40.31 -1.79 0.00	44.25 -2.18 0.00	46.07 -2.21 0.00	55.23 -2.03 0.00	69.03 -1.55 0.00	43.59 -1.09 0.00	40.48 -0.29 0.00	34.13 0.52 0.00	28.89 0.62 0.00

FAR ROCKAWAY___4 23548	20.26 0.81 0.00	23.63 1.15 0.00	26.15 1.24 0.00	31.52 1.45 0.00	27.22 1.31 0.00	25.12 1.24 0.00	31.21 1.47 0.00	37.89 1.68 0.00	37.25 1.69 0.00	38.66 1.86 0.00	42.97 2.25 0.00	43.83 2.43 0.00	41.98 2.50 -0.05	46.07 1.87 0.00	45.09 1.85 0.00	43.96 1.87 0.00	48.56 2.13 0.00	50.54 2.26 0.00	59.78 2.52 0.00	72.29 2.36 0.65	46.15 1.47 0.00	41.84 1.31 0.24	34.81 1.20 0.00	29.26 0.99 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.27 0.81 0.00	23.61 1.12 0.00	26.05 1.14 0.00	31.46 1.39 0.00	27.16 1.25 0.00	25.11 1.23 0.00	31.40 1.65 0.00	38.09 1.89 0.00	37.37 1.81 0.00	38.70 1.90 0.00	42.78 2.06 0.00	43.72 2.33 0.00	41.63 2.20 0.00	45.99 1.79 0.00	44.96 1.72 0.00	43.89 1.79 0.00	48.52 2.09 0.00	50.47 2.20 0.00	59.81 2.55 0.00	73.12 2.54 0.00	46.13 1.45 0.00	42.21 1.44 0.00	34.86 1.24 0.00	29.21 0.94 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.27 0.81 0.00	23.62 1.13 0.00	26.06 1.14 0.00	31.47 1.40 0.00	27.16 1.25 0.00	25.13 1.24 0.00	31.40 1.65 0.00	38.11 1.90 0.00	37.38 1.82 0.00	38.71 1.91 0.00	42.79 2.08 0.00	43.73 2.33 0.00	41.64 2.21 0.00	46.00 1.80 0.00	44.97 1.73 0.00	43.90 1.80 0.00	48.54 2.12 0.00	50.49 2.21 0.00	59.84 2.57 0.00	73.14 2.56 0.00	46.14 1.46 0.00	42.22 1.45 0.00	34.87 1.25 0.00	29.22 0.95 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.25 0.80 0.00	23.60 1.11 0.00	26.04 1.13 0.00	31.44 1.38 0.00	27.14 1.24 0.00	25.11 1.22 0.00	31.37 1.63 0.00	38.07 1.87 0.00	37.36 1.80 0.00	38.68 1.88 0.00	42.76 2.04 0.00	43.69 2.30 0.00	41.60 2.17 0.00	45.97 1.76 0.00	44.94 1.70 0.00	43.85 1.76 0.00	48.49 2.07 0.00	50.44 2.17 0.00	59.78 2.52 0.00	73.06 2.48 0.00	46.09 1.41 0.00	42.18 1.41 0.00	34.83 1.22 0.00	29.19 0.92 0.00
FARRAGUT___LBMP 323566	20.24 0.79 0.00	23.58 1.09 0.00	26.03 1.11 0.00	31.42 1.35 0.00	27.13 1.22 0.00	25.09 1.20 0.00	31.35 1.61 0.00	38.04 1.84 0.00	37.32 1.77 0.00	38.64 1.84 0.00	42.72 2.00 0.00	43.65 2.25 0.00	41.56 2.13 0.00	45.92 1.72 0.00	44.90 1.66 0.00	43.82 1.72 0.00	48.45 2.03 0.00	50.40 2.13 0.00	59.73 2.46 0.00	73.02 2.44 0.00	46.07 1.39 0.00	42.15 1.38 0.00	34.82 1.20 0.00	29.17 0.90 0.00
FENNER___WINDPWR 24204	19.58 0.12 0.00	22.68 0.20 0.00	25.13 0.22 0.00	30.40 0.33 0.00	26.26 0.35 0.00	24.27 0.39 0.00	30.28 0.53 0.00	36.99 0.79 0.00	36.41 0.85 0.00	37.63 0.84 0.00	41.58 0.86 0.00	42.39 0.99 0.00	40.33 0.90 0.00	45.18 0.98 0.00	44.16 0.93 0.00	43.06 0.97 0.00	47.57 1.15 0.00	49.65 1.37 0.00	58.81 1.54 0.00	72.26 1.68 0.00	45.67 0.99 0.00	41.60 0.82 0.00	34.27 0.66 0.00	28.83 0.56 0.00
FIBERTEK___ENERGY 23856	19.31 -0.14 0.00	22.44 -0.05 0.00	24.84 -0.07 0.00	30.00 -0.07 0.00	25.86 -0.05 0.00	23.87 -0.02 0.00	29.77 0.02 0.00	36.37 0.16 0.00	35.68 0.13 0.00	36.93 0.14 0.00	40.90 0.18 0.00	41.63 0.23 0.00	39.66 0.23 0.00	44.33 0.13 0.00	43.37 0.13 0.00	42.31 0.22 0.00	46.64 0.22 0.00	48.59 0.31 0.00	57.57 0.30 0.00	70.76 0.17 0.00	44.74 0.06 0.00	40.74 -0.03 0.00	33.56 -0.06 0.00	28.21 -0.06 0.00
FITZPATRICK___ 23598	18.87 -0.58 0.00	21.89 -0.59 0.00	24.24 -0.67 0.00	29.26 -0.81 0.00	25.23 -0.68 0.00	23.27 -0.62 0.00	28.99 -0.76 0.00	35.42 -0.79 0.00	34.79 -0.77 0.00	36.00 -0.80 0.00	39.86 -0.86 0.00	40.59 -0.81 0.00	38.69 -0.74 0.00	43.29 -0.92 0.00	42.36 -0.88 0.00	41.26 -0.83 0.00	45.48 -0.94 0.00	47.31 -0.96 0.00	56.06 -1.20 0.00	68.98 -1.60 0.00	43.66 -1.02 0.00	39.79 -0.98 0.00	32.79 -0.83 0.00	27.55 -0.72 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.30 0.84 0.00	23.65 1.17 0.00	26.15 1.23 0.00	31.55 1.49 0.00	27.21 1.30 0.00	25.11 1.23 0.00	31.37 1.62 0.00	38.08 1.87 0.00	37.39 1.84 0.00	38.74 1.95 0.00	42.88 2.17 0.00	43.84 2.44 0.00	41.78 2.35 0.00	46.25 2.05 0.00	45.22 1.98 0.00	44.11 2.02 0.00	48.78 2.36 0.00	50.70 2.42 0.00	60.06 2.79 0.00	73.47 2.89 0.00	46.43 1.75 0.00	42.40 1.63 0.00	34.94 1.32 0.00	29.26 0.99 0.00
FORT ORANGE___ 23900	19.64 0.19 0.00	22.94 0.45 0.00	25.41 0.50 0.00	30.62 0.55 0.00	26.39 0.48 0.00	24.23 0.35 0.00	30.03 0.28 0.00	36.17 -0.03 0.00	35.54 -0.01 0.00	36.77 -0.03 0.00	40.78 0.06 0.00	41.52 0.12 0.00	39.65 0.22 0.00	44.04 -0.16 0.00	43.13 -0.11 0.00	41.95 -0.14 0.00	46.34 -0.08 0.00	47.97 -0.31 0.00	56.79 -0.48 0.00	69.73 -0.85 0.00	44.19 -0.49 0.00	40.33 -0.44 0.00	33.26 -0.35 0.00	28.09 -0.18 0.00
FORT_DRUM_COGEN 23780	19.63 0.18 0.00	22.46 -0.03 0.00	24.96 0.05 0.00	30.36 0.29 0.00	26.23 0.32 0.00	24.40 0.52 0.00	30.46 0.72 0.00	37.48 1.28 0.00	36.83 1.28 0.00	37.81 1.01 0.00	41.64 0.92 0.00	42.38 0.98 0.00	40.71 1.27 0.00	45.47 1.27 0.00	44.08 0.85 0.00	43.35 1.26 0.00	48.09 1.67 0.00	50.78 2.50 0.00	60.36 3.10 0.00	74.57 3.98 0.00	46.94 2.26 0.00	42.79 2.02 0.00	35.40 1.78 0.00	29.59 1.32 0.00
FOX_HILLS___ESR 323835	20.17 0.72 0.00	23.50 1.01 0.00	25.93 1.01 0.00	31.20 1.13 0.00	26.92 1.01 0.00	24.94 1.05 0.00	31.16 1.42 0.00	37.76 1.56 0.00	37.11 1.55 0.00	38.31 1.52 0.00	42.38 1.67 0.00	43.31 1.91 0.00	41.25 1.82 0.00	45.56 1.35 0.00	44.55 1.31 0.00	43.50 1.40 0.00	48.10 1.68 0.00	50.06 1.78 0.00	59.35 2.08 0.00	72.55 1.96 0.00	45.81 1.13 0.00	41.98 1.21 0.00	34.76 1.15 0.00	29.14 0.87 0.00
FPL_FAR_ROCK_GT1 24212	20.26 0.81 0.00	23.63 1.15 0.00	26.15 1.24 0.00	31.52 1.45 0.00	27.22 1.31 0.00	25.12 1.24 0.00	31.21 1.47 0.00	37.89 1.68 0.00	37.25 1.69 0.00	38.65 1.86 0.00	42.96 2.24 0.00	43.83 2.43 0.00	41.98 2.49 -0.05	46.07 1.87 0.00	45.09 1.86 0.00	43.97 1.88 0.00	48.56 2.14 0.00	50.54 2.26 0.00	59.77 2.51 0.00	72.29 2.36 0.65	46.15 1.47 0.00	41.84 1.31 0.24	34.81 1.20 0.00	29.26 0.99 0.00
FPL_FAR_ROCK_GT2 23815	20.26 0.81 0.00	23.63 1.15 0.00	26.15 1.24 0.00	31.52 1.45 0.00	27.22 1.31 0.00	25.12 1.24 0.00	31.21 1.47 0.00	37.89 1.68 0.00	37.25 1.69 0.00	38.65 1.86 0.00	42.96 2.24 0.00	43.83 2.43 0.00	41.98 2.49 -0.05	46.07 1.87 0.00	45.09 1.86 0.00	43.97 1.88 0.00	48.56 2.14 0.00	50.54 2.26 0.00	59.77 2.51 0.00	72.29 2.36 0.65	46.15 1.47 0.00	41.84 1.31 0.24	34.81 1.20 0.00	29.26 0.99 0.00
FRANKLIN_FALL_HYD 24054	19.84 0.39 0.00	21.05 -1.44 0.00	22.95 -1.97 0.00	27.74 -2.33 0.00	24.12 -1.79 0.00	22.42 -1.47 0.00	27.66 -2.09 0.00	33.51 -2.70 0.00	32.68 -2.88 0.00	33.21 -3.58 0.00	37.04 -3.68 0.00	35.58 -1.01 4.80	39.30 -0.14 0.00	44.24 0.03 0.00	43.28 0.04 0.00	42.23 0.14 0.00	46.42 -0.01 0.00	48.11 -0.16 0.00	57.63 0.37 0.00	71.93 1.34 0.00	45.43 0.75 0.00	41.75 0.97 0.00	34.62 1.00 0.00	29.19 0.92 0.00

FREEPORT_EQUS_GT1 23764	20.10 0.65 0.00	23.44 0.96 0.00	25.96 1.04 0.00	31.28 1.21 0.00	27.02 1.11 0.00	24.93 1.04 0.00	30.94 1.20 0.00	37.56 1.36 0.00	36.94 1.38 0.00	38.34 1.54 0.00	42.63 1.91 0.00	43.51 2.12 0.00	41.67 2.20 -0.04	45.67 1.47 0.00	44.69 1.45 0.00	43.57 1.48 0.00	48.11 1.68 0.00	50.06 1.78 0.00	58.98 1.72 0.00	68.38 1.59 3.80	45.74 1.06 0.00	40.45 0.92 1.25	34.53 0.91 0.00	29.02 0.75 0.00
FREEPORT___CT2 23818	20.10 0.65 0.00	23.44 0.96 0.00	25.96 1.04 0.00	31.28 1.21 0.00	27.02 1.11 0.00	24.93 1.04 0.00	30.94 1.20 0.00	37.56 1.36 0.00	36.94 1.38 0.00	38.34 1.54 0.00	42.63 1.91 0.00	43.51 2.12 0.00	41.67 2.20 -0.04	45.67 1.47 0.00	44.69 1.45 0.00	43.57 1.48 0.00	48.11 1.68 0.00	50.06 1.78 0.00	58.98 1.72 0.00	68.38 1.59 3.80	45.74 1.06 0.00	40.45 0.92 1.25	34.53 0.91 0.00	29.02 0.75 0.00
FRESHKLS_33_KV_LOAD 356253	20.19 0.73 0.00	23.52 1.03 0.00	25.94 1.03 0.00	31.22 1.15 0.00	26.94 1.03 0.00	24.95 1.07 0.00	31.18 1.43 0.00	37.74 1.54 0.00	37.12 1.56 0.00	38.28 1.49 0.00	42.33 1.62 0.00	43.25 1.86 0.00	41.21 1.78 0.00	45.48 1.28 0.00	44.48 1.24 0.00	43.45 1.36 0.00	48.08 1.65 0.00	50.03 1.76 0.00	59.33 2.06 0.00	72.54 1.95 0.00	45.81 1.13 0.00	41.96 1.19 0.00	34.80 1.18 0.00	29.18 0.92 0.00
FULTON COGEN____ 23766	19.05 -0.41 0.00	22.12 -0.36 0.00	24.49 -0.43 0.00	29.56 -0.51 0.00	25.50 -0.41 0.00	23.52 -0.37 0.00	29.30 -0.45 0.00	35.80 -0.41 0.00	35.17 -0.38 0.00	36.40 -0.40 0.00	40.28 -0.44 0.00	41.01 -0.39 0.00	39.07 -0.36 0.00	43.71 -0.49 0.00	42.76 -0.48 0.00	41.68 -0.41 0.00	45.98 -0.44 0.00	47.85 -0.43 0.00	56.68 -0.59 0.00	69.70 -0.88 0.00	44.11 -0.57 0.00	40.17 -0.60 0.00	33.08 -0.54 0.00	27.80 -0.47 0.00
FULTON___LFGE 323630	19.78 0.32 0.00	22.89 0.40 0.00	25.36 0.45 0.00	30.63 0.56 0.00	26.39 0.49 0.00	24.38 0.49 0.00	30.51 0.76 0.00	37.30 1.09 0.00	36.63 1.07 0.00	37.89 1.09 0.00	42.01 1.29 0.00	42.69 1.29 0.00	40.54 1.11 0.00	45.45 1.25 0.00	44.52 1.28 0.00	43.49 1.39 0.00	48.04 1.61 0.00	50.02 1.74 0.00	59.18 1.92 0.00	73.03 2.45 0.00	46.17 1.49 0.00	42.06 1.29 0.00	34.58 0.96 0.00	29.00 0.73 0.00
G.F.CEMENT___DRP 24184	20.09 0.64 0.00	23.44 0.96 0.00	25.94 1.02 0.00	31.37 1.30 0.00	27.04 1.13 0.00	24.97 1.09 0.00	30.98 1.24 0.00	37.70 1.50 0.00	37.21 1.66 0.00	38.65 1.85 0.00	42.70 1.98 0.00	43.47 2.08 0.00	41.50 2.07 0.00	46.07 1.86 0.00	45.11 1.87 0.00	44.03 1.94 0.00	48.75 2.33 0.00	50.48 2.20 0.00	59.87 2.60 0.00	73.43 2.84 0.00	46.40 1.72 0.00	42.30 1.53 0.00	34.80 1.19 0.00	29.07 0.80 0.00
GARDENVILLE___LBMP 24039	19.27 -0.18 0.00	22.54 0.06 0.00	24.94 0.03 0.00	30.12 0.06 0.00	26.12 0.21 0.00	23.99 0.10 0.00	29.48 -0.27 0.00	35.41 -0.79 0.00	34.57 -0.99 0.00	35.75 -1.05 0.00	39.84 -0.88 0.00	41.00 -0.40 0.00	39.14 -0.29 0.00	43.93 -0.28 0.00	42.93 -0.30 0.00	41.65 -0.44 0.00	45.55 -0.87 0.00	47.38 -0.89 0.00	55.98 -1.29 0.00	68.57 -2.02 0.00	43.70 -0.98 0.00	39.69 -1.09 0.00	33.06 -0.56 0.00	28.73 0.46 0.00
GARDNVLA_35_KV_LD 355827	19.38 -0.07 0.00	22.67 0.18 0.00	25.08 0.17 0.00	30.28 0.21 0.00	26.25 0.34 0.00	24.12 0.23 0.00	29.66 -0.08 0.00	35.68 -0.53 0.00	34.86 -0.70 0.00	36.07 -0.73 0.00	40.19 -0.53 0.00	41.35 -0.05 0.00	39.45 0.02 0.00	44.29 0.08 0.00	43.30 0.06 0.00	42.02 -0.07 0.00	45.96 -0.46 0.00	47.81 -0.47 0.00	56.47 -0.79 0.00	69.13 -1.45 0.00	44.02 -0.66 0.00	39.95 -0.82 0.00	33.24 -0.37 0.00	28.84 0.57 0.00
GELCKHM___115KV_LOAD 80723	19.19 -0.26 0.00	22.29 -0.19 0.00	24.69 -0.23 0.00	29.80 -0.27 0.00	25.70 -0.21 0.00	23.71 -0.18 0.00	29.57 -0.18 0.00	36.11 -0.10 0.00	35.46 -0.10 0.00	36.69 -0.10 0.00	40.63 -0.09 0.00	41.37 -0.03 0.00	39.43 0.00 0.00	44.09 -0.11 0.00	43.13 -0.11 0.00	42.04 -0.05 0.00	46.36 -0.06 0.00	48.26 -0.02 0.00	57.17 -0.10 0.00	70.27 -0.32 0.00	44.45 -0.23 0.00	40.48 -0.29 0.00	33.35 -0.26 0.00	28.05 -0.22 0.00
GENERAL___MILLS 23808	19.33 -0.12 0.00	22.62 0.13 0.00	25.02 0.10 0.00	30.21 0.14 0.00	26.19 0.28 0.00	24.06 0.18 0.00	29.57 -0.17 0.00	35.55 -0.66 0.00	34.72 -0.84 0.00	35.91 -0.88 0.00	40.03 -0.69 0.00	41.17 -0.22 0.00	39.29 -0.14 0.00	44.10 -0.11 0.00	43.10 -0.13 0.00	41.82 -0.27 0.00	45.74 -0.68 0.00	47.57 -0.70 0.00	56.18 -1.09 0.00	68.79 -1.80 0.00	43.81 -0.87 0.00	39.77 -1.00 0.00	33.11 -0.50 0.00	28.76 0.49 0.00
GE_PLASTICS___DRP 24183	19.63 0.17 0.00	22.90 0.41 0.00	25.39 0.48 0.00	30.60 0.53 0.00	26.38 0.47 0.00	24.33 0.44 0.00	30.20 0.45 0.00	36.46 0.25 0.00	35.72 0.16 0.00	36.89 0.09 0.00	40.69 -0.03 0.00	41.45 0.05 0.00	39.56 0.13 0.00	43.97 -0.24 0.00	43.04 -0.19 0.00	41.89 -0.20 0.00	46.26 -0.16 0.00	47.92 -0.35 0.00	56.75 -0.51 0.00	69.67 -0.91 0.00	44.12 -0.56 0.00	40.32 -0.46 0.00	33.24 -0.38 0.00	27.91 -0.35 0.00
GILBOA___1 23756	19.73 0.27 0.00	23.06 0.57 0.00	25.71 0.80 0.00	31.02 0.95 0.00	26.63 0.72 0.00	24.40 0.51 0.00	30.39 0.64 0.00	36.88 0.68 0.00	36.22 0.66 0.00	37.49 0.69 0.00	41.47 0.75 0.00	42.30 0.90 0.00	40.33 0.89 0.00	44.83 0.63 0.00	43.85 0.61 0.00	42.72 0.63 0.00	47.17 0.75 0.00	48.86 0.58 0.00	57.71 0.45 0.00	70.85 0.26 0.00	44.96 0.29 0.00	41.15 0.38 0.00	33.94 0.32 0.00	28.51 0.24 0.00
GILBOA___2 23757	19.73 0.27 0.00	23.06 0.57 0.00	25.71 0.80 0.00	31.02 0.95 0.00	26.63 0.72 0.00	24.40 0.51 0.00	30.39 0.64 0.00	36.88 0.68 0.00	36.22 0.66 0.00	37.49 0.69 0.00	41.47 0.75 0.00	42.30 0.90 0.00	40.33 0.89 0.00	44.83 0.63 0.00	43.85 0.61 0.00	42.72 0.63 0.00	47.17 0.75 0.00	48.86 0.58 0.00	57.71 0.45 0.00	70.85 0.26 0.00	44.96 0.29 0.00	41.15 0.38 0.00	33.94 0.32 0.00	28.51 0.24 0.00
GILBOA___3 23758	19.73 0.27 0.00	23.06 0.57 0.00	25.71 0.80 0.00	31.02 0.95 0.00	26.63 0.72 0.00	24.40 0.51 0.00	30.39 0.64 0.00	36.88 0.68 0.00	36.22 0.66 0.00	37.49 0.69 0.00	41.47 0.75 0.00	42.30 0.90 0.00	40.33 0.89 0.00	44.83 0.63 0.00	43.85 0.61 0.00	42.72 0.63 0.00	47.17 0.75 0.00	48.86 0.58 0.00	57.71 0.45 0.00	70.85 0.26 0.00	44.96 0.29 0.00	41.15 0.38 0.00	33.94 0.32 0.00	28.51 0.24 0.00
GILBOA___4 23759	19.73 0.27 0.00	23.06 0.57 0.00	25.71 0.80 0.00	31.02 0.95 0.00	26.63 0.72 0.00	24.40 0.51 0.00	30.39 0.64 0.00	36.88 0.68 0.00	36.22 0.66 0.00	37.49 0.69 0.00	41.47 0.75 0.00	42.30 0.90 0.00	40.33 0.89 0.00	44.83 0.63 0.00	43.85 0.61 0.00	42.72 0.63 0.00	47.17 0.75 0.00	48.86 0.58 0.00	57.71 0.45 0.00	70.85 0.26 0.00	44.96 0.29 0.00	41.15 0.38 0.00	33.94 0.32 0.00	28.51 0.24 0.00

GILBOA____ 23599	19.73 0.27 0.00	23.06 0.57 0.00	25.71 0.80 0.00	31.02 0.95 0.00	26.63 0.72 0.00	24.40 0.51 0.00	30.39 0.64 0.00	36.88 0.68 0.00	36.22 0.66 0.00	37.49 0.69 0.00	41.47 0.75 0.00	42.30 0.90 0.00	40.33 0.89 0.00	44.83 0.63 0.00	43.85 0.61 0.00	42.72 0.63 0.00	47.17 0.75 0.00	48.86 0.58 0.00	57.71 0.45 0.00	70.84 0.25 0.00	44.96 0.28 0.00	41.15 0.38 0.00	33.94 0.32 0.00	28.51 0.24 0.00
GINNA____ 23603	18.57 -0.88 0.00	21.57 -0.91 0.00	23.87 -1.04 0.00	28.84 -1.23 0.00	24.92 -0.99 0.00	23.00 -0.89 0.00	28.56 -1.19 0.00	34.46 -1.74 0.00	34.05 -1.51 0.00	35.28 -1.51 0.00	39.22 -1.50 0.00	40.09 -1.31 0.00	38.28 -1.15 0.00	42.85 -1.36 0.00	41.96 -1.28 0.00	40.81 -1.28 0.00	44.84 -1.58 0.00	46.67 -1.61 0.00	55.09 -2.17 0.00	67.77 -2.82 0.00	42.91 -1.77 0.00	38.95 -1.82 0.00	32.14 -1.48 0.00	27.29 -0.98 0.00
GLEN PARK____ 23778	19.72 0.27 0.00	22.57 0.08 0.00	25.09 0.17 0.00	30.51 0.44 0.00	26.36 0.45 0.00	24.52 0.63 0.00	30.63 0.88 0.00	37.72 1.51 0.00	37.08 1.52 0.00	38.06 1.26 0.00	41.90 1.18 0.00	42.59 1.19 0.00	40.86 1.43 0.00	45.58 1.38 0.00	44.20 0.97 0.00	43.55 1.46 0.00	48.33 1.91 0.00	51.08 2.80 0.00	60.75 3.49 0.00	75.04 4.45 0.00	47.21 2.53 0.00	42.99 2.22 0.00	35.54 1.92 0.00	29.70 1.43 0.00
GLENDALE_27_KV_LOAD 356172	20.33 0.88 0.00	23.68 1.19 0.00	26.13 1.22 0.00	31.47 1.40 0.00	27.15 1.25 0.00	25.15 1.26 0.00	31.44 1.69 0.00	38.12 1.92 0.00	37.40 1.84 0.00	38.70 1.90 0.00	42.79 2.07 0.00	43.73 2.34 0.00	41.67 2.24 0.00	46.02 1.81 0.00	44.99 1.76 0.00	43.93 1.84 0.00	48.55 2.13 0.00	50.51 2.23 0.00	59.87 2.60 0.00	73.13 2.55 0.00	46.18 1.50 0.00	42.29 1.52 0.00	34.99 1.37 0.00	29.32 1.05 0.00
GLENWOOD_IC_1_G5 23712	20.18 0.72 0.00	23.53 1.04 0.00	26.02 1.11 0.00	31.38 1.32 0.00	27.10 1.19 0.00	25.02 1.13 0.00	31.15 1.41 0.00	37.79 1.59 0.00	36.89 1.34 0.00	38.28 1.48 0.00	42.73 2.02 0.00	43.64 2.24 0.00	41.70 2.21 -0.06	45.57 1.36 0.00	44.56 1.33 0.00	43.47 1.38 0.00	48.03 1.61 0.00	49.94 1.66 0.00	59.08 1.82 0.00	69.88 1.62 2.33	45.67 0.99 0.00	41.20 1.20 0.76	34.69 1.07 0.00	29.12 0.85 0.00
GLENWOOD_IC_2_G1 23688	20.14 0.69 0.00	23.48 1.00 0.00	25.97 1.06 0.00	31.32 1.26 0.00	27.04 1.13 0.00	24.97 1.09 0.00	31.12 1.38 0.00	37.76 1.55 0.00	37.05 1.50 0.00	38.40 1.60 0.00	42.59 1.87 0.00	43.49 2.09 0.00	41.49 2.06 0.00	45.72 1.51 0.00	44.71 1.47 0.00	43.61 1.52 0.00	48.20 1.77 0.00	50.11 1.83 0.00	59.32 2.05 0.00	72.48 1.91 0.02	45.82 1.14 0.00	41.88 1.12 0.01	34.61 1.00 0.00	29.05 0.78 0.00
GLENWOOD_IC_3_G1 23689	20.14 0.69 0.00	23.48 1.00 0.00	25.97 1.06 0.00	31.32 1.26 0.00	27.04 1.13 0.00	24.97 1.09 0.00	31.12 1.38 0.00	37.76 1.55 0.00	37.05 1.50 0.00	38.40 1.60 0.00	42.59 1.87 0.00	43.49 2.09 0.00	41.49 2.06 0.00	45.72 1.51 0.00	44.71 1.47 0.00	43.61 1.52 0.00	48.20 1.77 0.00	50.11 1.83 0.00	59.32 2.05 0.00	72.48 1.91 0.02	45.82 1.14 0.00	41.88 1.12 0.01	34.61 1.00 0.00	29.05 0.78 0.00
GLENWOOD____4 23550	20.18 0.72 0.00	23.53 1.04 0.00	26.02 1.11 0.00	31.38 1.32 0.00	27.10 1.19 0.00	25.02 1.13 0.00	31.15 1.41 0.00	37.80 1.60 0.00	36.99 1.43 0.00	38.36 1.56 0.00	42.73 2.02 0.00	43.64 2.24 0.00	41.71 2.22 -0.06	45.68 1.48 0.00	44.68 1.45 0.00	43.58 1.49 0.00	48.14 1.72 0.00	50.07 1.79 0.00	59.23 1.97 0.00	70.07 1.81 2.33	45.77 1.09 0.00	41.20 1.20 0.76	34.69 1.07 0.00	29.12 0.85 0.00
GLENWOOD____5 23614	20.18 0.72 0.00	23.53 1.04 0.00	26.02 1.11 0.00	31.38 1.32 0.00	27.10 1.19 0.00	25.02 1.13 0.00	31.15 1.41 0.00	37.80 1.60 0.00	36.99 1.43 0.00	38.36 1.56 0.00	42.73 2.02 0.00	43.64 2.24 0.00	41.71 2.22 -0.06	45.68 1.48 0.00	44.68 1.45 0.00	43.58 1.49 0.00	48.14 1.72 0.00	50.07 1.79 0.00	59.23 1.97 0.00	70.07 1.81 2.33	45.77 1.09 0.00	41.20 1.20 0.76	34.69 1.07 0.00	29.12 0.85 0.00
GLOBAL GREEN_PORT_GT1 23814	19.34 -0.11 0.00	22.75 0.26 0.00	25.33 0.42 0.00	30.54 0.47 0.00	26.55 0.65 0.00	24.32 0.43 0.00	30.19 0.45 0.00	36.90 0.70 0.00	36.62 1.07 0.00	38.17 1.38 0.00	42.37 1.65 0.00	43.25 1.86 0.00	41.49 2.03 -0.03	45.34 1.14 0.00	44.22 0.98 0.00	42.67 0.58 0.00	47.06 0.64 0.00	48.94 0.66 0.00	57.86 0.59 0.00	63.25 -0.12 7.22	44.48 -0.20 0.00	38.04 -0.37 2.36	33.49 -0.13 0.00	28.57 0.30 0.00
GLOBE____DSASP 323697	19.02 -0.44 0.00	22.29 -0.20 0.00	24.64 -0.27 0.00	29.78 -0.28 0.00	25.79 -0.12 0.00	23.67 -0.21 0.00	29.02 -0.73 0.00	34.51 -1.69 0.00	33.69 -1.87 0.00	34.85 -1.95 0.00	38.87 -1.85 0.00	40.04 -1.35 0.00	38.36 -1.07 0.00	43.05 -1.16 0.00	42.16 -1.08 0.00	40.88 -1.21 0.00	44.45 -1.97 0.00	46.11 -2.16 0.00	54.27 -3.00 0.00	66.42 -4.17 0.00	42.40 -2.28 0.00	38.54 -2.23 0.00	32.16 -1.45 0.00	28.08 -0.19 0.00
GOETHSLN____LBMP 323567	20.18 0.73 0.00	23.50 1.02 0.00	25.93 1.01 0.00	31.30 1.23 0.00	27.03 1.12 0.00	25.00 1.11 0.00	31.24 1.50 0.00	37.92 1.72 0.00	37.19 1.63 0.00	38.48 1.68 0.00	42.49 1.77 0.00	43.44 2.04 0.00	41.36 1.93 0.00	45.69 1.49 0.00	44.68 1.44 0.00	43.61 1.52 0.00	48.23 1.81 0.00	50.17 1.90 0.00	59.47 2.21 0.00	72.70 2.11 0.00	45.84 1.16 0.00	41.96 1.19 0.00	34.65 1.03 0.00	29.04 0.77 0.00
GOLAH____69_KV_TB 1_2 80279	19.53 0.07 0.00	22.76 0.27 0.00	25.18 0.27 0.00	30.42 0.35 0.00	26.32 0.41 0.00	24.26 0.37 0.00	30.06 0.31 0.00	36.44 0.24 0.00	35.65 0.09 0.00	36.87 0.08 0.00	40.99 0.28 0.00	41.96 0.56 0.00	40.07 0.64 0.00	44.90 0.70 0.00	43.98 0.75 0.00	42.74 0.65 0.00	46.86 0.44 0.00	48.82 0.54 0.00	57.62 0.36 0.00	70.84 0.25 0.00	44.91 0.23 0.00	40.76 -0.01 0.00	33.71 0.09 0.00	28.84 0.57 0.00
GOODYEAR_LAKE_HYD 323669	19.78 0.32 0.00	22.97 0.49 0.00	25.53 0.61 0.00	30.80 0.73 0.00	26.50 0.59 0.00	24.40 0.51 0.00	30.51 0.76 0.00	37.20 1.00 0.00	36.49 0.93 0.00	37.78 0.98 0.00	41.89 1.18 0.00	42.70 1.31 0.00	40.69 1.27 0.00	45.48 1.28 0.00	44.47 1.23 0.00	43.38 1.29 0.00	47.87 1.44 0.00	49.82 1.55 0.00	59.06 1.79 0.00	72.60 2.02 0.00	45.94 1.27 0.00	41.91 1.14 0.00	34.53 0.91 0.00	29.04 0.78 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.49 0.04 0.00	22.74 0.25 0.00	25.18 0.27 0.00	30.40 0.33 0.00	26.22 0.32 0.00	24.15 0.27 0.00	30.10 0.36 0.00	36.70 0.49 0.00	35.93 0.37 0.00	37.19 0.40 0.00	41.27 0.55 0.00	42.10 0.70 0.00	40.02 0.59 0.00	44.73 0.53 0.00	43.65 0.41 0.00	42.53 0.44 0.00	46.92 0.50 0.00	48.90 0.62 0.00	57.90 0.64 0.00	71.07 0.48 0.00	44.97 0.29 0.00	40.97 0.20 0.00	33.83 0.21 0.00	28.63 0.36 0.00

GOUDEY___7 23579	19.49 0.04 0.00	22.74 0.25 0.00	25.18 0.27 0.00	30.40 0.33 0.00	26.22 0.32 0.00	24.15 0.27 0.00	30.10 0.36 0.00	36.70 0.49 0.00	35.93 0.37 0.00	37.19 0.40 0.00	41.27 0.55 0.00	42.10 0.70 0.00	40.02 0.59 0.00	44.73 0.53 0.00	43.65 0.41 0.00	42.53 0.44 0.00	46.92 0.50 0.00	48.90 0.62 0.00	57.90 0.64 0.00	71.07 0.48 0.00	44.97 0.29 0.00	40.97 0.20 0.00	33.83 0.21 0.00	28.63 0.36 0.00
GOUDEY___8 23580	19.49 0.04 0.00	22.74 0.25 0.00	25.18 0.27 0.00	30.40 0.33 0.00	26.22 0.32 0.00	24.15 0.27 0.00	30.10 0.36 0.00	36.70 0.49 0.00	35.93 0.37 0.00	37.19 0.40 0.00	41.27 0.55 0.00	42.10 0.70 0.00	40.02 0.59 0.00	44.73 0.53 0.00	43.65 0.41 0.00	42.53 0.44 0.00	46.92 0.50 0.00	48.90 0.62 0.00	57.90 0.64 0.00	71.07 0.48 0.00	44.97 0.29 0.00	40.97 0.20 0.00	33.83 0.21 0.00	28.63 0.36 0.00
GOWANUS_GT1_1 24077	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT1_2 24078	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT1_3 24079	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT1_4 24080	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT1_5 24084	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT1_6 24111	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT1_7 24112	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT1_8 24113	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT2_1 24114	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT2_2 24115	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT2_3 24116	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT2_4 24117	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT2_5 24118	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00

GOWANUS_GT2_6 24119	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT2_7 24120	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT2_8 24121	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT3_1 24122	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT3_2 24123	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT3_3 24124	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT3_4 24125	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT3_5 24126	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT3_6 24127	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT3_7 24128	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT3_8 24129	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT4_1 24130	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT4_2 24131	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT4_3 24132	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT4_4 24133	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00

GOWANUS_GT4_5 24134	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT4_6 24135	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT4_7 24136	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GOWANUS_GT4_8 24137	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GREATVRV_69_KV_BK1 356245	20.04 0.58 0.00	23.44 0.95 0.00	26.01 1.10 0.00	31.34 1.28 0.00	27.08 1.17 0.00	24.95 1.07 0.00	30.92 1.18 0.00	37.59 1.39 0.00	37.05 1.49 0.00	38.49 1.70 0.00	42.85 2.13 0.00	43.73 2.34 0.00	41.93 2.46 -0.03	45.86 1.66 0.00	44.85 1.61 0.00	43.70 1.61 0.00	48.20 1.78 0.00	50.15 1.88 0.00	59.04 1.78 0.00	65.02 1.29 6.85	45.69 1.01 0.00	39.31 0.78 2.23	34.49 0.87 0.00	29.07 0.79 0.00
GREENBSH_115KV_TB3 55895	19.55 0.10 0.00	22.83 0.35 0.00	25.29 0.38 0.00	30.48 0.41 0.00	26.29 0.38 0.00	24.24 0.35 0.00	30.09 0.35 0.00	36.36 0.16 0.00	35.74 0.18 0.00	36.96 0.17 0.00	40.81 0.09 0.00	41.57 0.17 0.00	39.70 0.27 0.00	44.08 -0.12 0.00	43.17 -0.07 0.00	42.00 -0.10 0.00	46.37 -0.05 0.00	48.01 -0.26 0.00	56.87 -0.39 0.00	69.81 -0.77 0.00	44.21 -0.47 0.00	40.37 -0.41 0.00	33.30 -0.32 0.00	27.98 -0.29 0.00
GREENDGE_115KV_TB5 80291	19.53 0.08 0.00	22.77 0.28 0.00	25.17 0.26 0.00	30.40 0.33 0.00	26.28 0.37 0.00	24.26 0.37 0.00	30.21 0.46 0.00	36.84 0.64 0.00	36.07 0.51 0.00	37.35 0.55 0.00	41.44 0.72 0.00	42.28 0.88 0.00	40.19 0.76 0.00	45.02 0.82 0.00	43.99 0.75 0.00	42.76 0.67 0.00	47.13 0.70 0.00	49.28 1.00 0.00	58.34 1.08 0.00	71.64 1.05 0.00	45.35 0.67 0.00	41.22 0.45 0.00	34.03 0.41 0.00	28.90 0.63 0.00
GREENIDGE___3 23582	19.53 0.08 0.00	22.77 0.28 0.00	25.17 0.26 0.00	30.40 0.33 0.00	26.28 0.37 0.00	24.26 0.37 0.00	30.21 0.46 0.00	36.84 0.64 0.00	36.07 0.51 0.00	37.35 0.55 0.00	41.44 0.72 0.00	42.28 0.88 0.00	40.19 0.76 0.00	45.02 0.82 0.00	43.99 0.75 0.00	42.76 0.67 0.00	47.13 0.70 0.00	49.28 1.00 0.00	58.34 1.08 0.00	71.64 1.05 0.00	45.35 0.67 0.00	41.22 0.45 0.00	34.03 0.41 0.00	28.90 0.63 0.00
GREENIDGE___4 23583	19.53 0.08 0.00	22.77 0.28 0.00	25.17 0.26 0.00	30.40 0.34 0.00	26.28 0.37 0.00	24.25 0.37 0.00	30.20 0.46 0.00	36.84 0.64 0.00	36.07 0.51 0.00	37.35 0.55 0.00	41.44 0.72 0.00	42.28 0.88 0.00	40.19 0.76 0.00	45.02 0.82 0.00	43.99 0.75 0.00	42.76 0.67 0.00	47.13 0.70 0.00	49.27 1.00 0.00	58.34 1.08 0.00	71.64 1.06 0.00	45.35 0.67 0.00	41.22 0.45 0.00	34.03 0.41 0.00	28.89 0.62 0.00
GREENLWN_69_KV_BK 3 55738	19.78 0.32 0.00	23.13 0.65 0.00	25.66 0.74 0.00	30.93 0.86 0.00	26.73 0.82 0.00	24.62 0.73 0.00	30.44 0.70 0.00	36.87 0.67 0.00	36.29 0.73 0.00	37.69 0.90 0.00	42.02 1.30 0.00	42.89 1.49 0.00	41.16 1.69 -0.03	44.98 0.78 0.00	43.93 0.70 0.00	42.79 0.70 0.00	47.21 0.78 0.00	49.08 0.80 0.00	57.97 0.71 0.00	63.84 0.21 6.96	44.78 0.10 0.00	38.56 0.06 2.27	33.93 0.31 0.00	28.61 0.34 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
GRISSOM___SOLAR 323813	19.86 0.41 0.00	23.01 0.52 0.00	25.50 0.59 0.00	30.79 0.72 0.00	26.53 0.62 0.00	24.50 0.61 0.00	30.65 0.90 0.00	37.43 1.23 0.00	36.75 1.19 0.00	38.02 1.23 0.00	42.13 1.42 0.00	42.81 1.41 0.00	40.68 1.24 0.00	45.55 1.35 0.00	44.64 1.40 0.00	43.58 1.49 0.00	48.19 1.76 0.00	50.10 1.83 0.00	59.29 2.03 0.00	73.11 2.53 0.00	46.22 1.54 0.00	42.13 1.36 0.00	34.64 1.02 0.00	29.04 0.77 0.00
GROVEVILLE___HYD 323602	20.30 0.84 0.00	23.65 1.17 0.00	26.15 1.23 0.00	31.55 1.49 0.00	27.21 1.30 0.00	25.11 1.23 0.00	31.37 1.62 0.00	38.08 1.87 0.00	37.39 1.84 0.00	38.74 1.95 0.00	42.88 2.17 0.00	43.84 2.44 0.00	41.78 2.35 0.00	46.25 2.05 0.00	45.22 1.98 0.00	44.11 2.02 0.00	48.78 2.36 0.00	50.70 2.42 0.00	60.06 2.79 0.00	73.47 2.89 0.00	46.43 1.75 0.00	42.40 1.63 0.00	34.94 1.32 0.00	29.26 0.99 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.31 -0.14 0.00	22.44 -0.05 0.00	24.84 -0.07 0.00	30.00 -0.07 0.00	25.86 -0.05 0.00	23.87 -0.02 0.00	29.77 0.02 0.00	36.37 0.16 0.00	35.68 0.13 0.00	36.93 0.14 0.00	40.90 0.18 0.00	41.63 0.23 0.00	39.66 0.23 0.00	44.33 0.13 0.00	43.37 0.13 0.00	42.31 0.22 0.00	46.64 0.22 0.00	48.59 0.31 0.00	57.57 0.30 0.00	70.76 0.17 0.00	44.74 0.06 0.00	40.74 -0.03 0.00	33.56 -0.06 0.00	28.21 -0.06 0.00
HAMLTNNY_34_KV_TB 80303	19.37 -0.08 0.00	22.52 0.03 0.00	24.93 0.02 0.00	30.11 0.04 0.00	25.94 0.03 0.00	23.96 0.07 0.00	29.87 0.12 0.00	36.49 0.28 0.00	35.79 0.23 0.00	37.04 0.24 0.00	41.04 0.32 0.00	41.77 0.37 0.00	39.75 0.32 0.00	44.43 0.23 0.00	43.48 0.24 0.00	42.47 0.38 0.00	46.78 0.36 0.00	48.73 0.46 0.00	57.77 0.51 0.00	71.01 0.43 0.00	44.89 0.21 0.00	40.87 0.09 0.00	33.67 0.05 0.00	28.31 0.04 0.00

HAMPSHIRE___PAPER_HYD 323593	19.69 0.24 0.00	21.80 -0.69 0.00	24.03 -0.88 0.00	29.13 -0.93 0.00	25.22 -0.69 0.00	23.47 -0.41 0.00	29.19 -0.55 0.00	35.64 -0.56 0.00	34.91 -0.65 0.00	35.68 -1.11 0.00	39.46 -1.26 0.00	41.34 -0.05 0.00	39.95 0.52 0.00	44.86 0.66 0.00	43.63 0.39 0.00	42.64 0.55 0.00	47.14 0.71 0.00	49.27 1.00 0.00	58.70 1.44 0.00	72.82 2.23 0.00	45.96 1.29 0.00	42.23 1.46 0.00	34.96 1.34 0.00	29.34 1.07 0.00
HARDSCRABBLE_WT_PWR 323673	20.02 0.57 0.00	23.37 0.89 0.00	25.90 0.99 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.85 0.97 0.00	31.11 1.37 0.00	37.84 1.64 0.00	37.10 1.55 0.00	38.48 1.69 0.00	42.60 1.88 0.00	43.14 1.74 0.00	41.23 1.80 0.00	45.86 1.66 0.00	45.05 1.81 0.00	44.04 1.95 0.00	48.61 2.19 0.00	50.50 2.22 0.00	59.67 2.41 0.00	73.38 2.79 0.00	46.46 1.78 0.00	42.47 1.70 0.00	34.96 1.34 0.00	29.37 1.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.25 0.79 0.00	23.58 1.09 0.00	26.04 1.13 0.00	31.41 1.35 0.00	27.09 1.19 0.00	25.04 1.15 0.00	31.30 1.55 0.00	38.01 1.81 0.00	37.29 1.73 0.00	38.59 1.79 0.00	42.67 1.95 0.00	43.64 2.24 0.00	41.55 2.12 0.00	46.05 1.85 0.00	45.03 1.79 0.00	43.96 1.87 0.00	48.66 2.24 0.00	50.60 2.33 0.00	59.97 2.71 0.00	73.30 2.72 0.00	46.30 1.63 0.00	42.30 1.53 0.00	34.84 1.22 0.00	29.20 0.93 0.00
HARSNRAD_115KV_TB1 81005	19.25 -0.21 0.00	22.48 0.00 0.00	24.84 -0.07 0.00	30.01 -0.06 0.00	25.98 0.07 0.00	23.79 -0.09 0.00	29.11 -0.64 0.00	34.81 -1.40 0.00	34.00 -1.56 0.00	35.16 -1.64 0.00	39.18 -1.54 0.00	40.36 -1.04 0.00	38.64 -0.79 0.00	43.34 -0.86 0.00	42.42 -0.82 0.00	41.15 -0.94 0.00	44.82 -1.61 0.00	46.53 -1.74 0.00	54.86 -2.41 0.00	67.17 -3.41 0.00	42.88 -1.80 0.00	38.96 -1.81 0.00	32.54 -1.08 0.00	28.52 0.25 0.00
HARZA MOOSE___RIVER 24016	19.61 0.16 0.00	22.60 0.11 0.00	25.05 0.14 0.00	30.34 0.28 0.00	26.17 0.25 0.00	24.27 0.39 0.00	30.31 0.56 0.00	37.06 0.85 0.00	36.46 0.90 0.00	37.54 0.74 0.00	41.40 0.68 0.00	42.33 0.93 0.00	40.51 1.08 0.00	45.44 1.23 0.00	44.26 1.03 0.00	43.18 1.09 0.00	47.78 1.35 0.00	50.08 1.81 0.00	59.36 2.10 0.00	73.18 2.59 0.00	46.22 1.54 0.00	42.16 1.39 0.00	34.83 1.21 0.00	29.17 0.90 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.19 -0.26 0.00	22.30 -0.19 0.00	24.69 -0.22 0.00	29.81 -0.26 0.00	25.71 -0.20 0.00	23.72 -0.17 0.00	29.57 -0.18 0.00	36.08 -0.12 0.00	35.43 -0.13 0.00	36.66 -0.13 0.00	40.60 -0.12 0.00	41.36 -0.04 0.00	39.39 -0.04 0.00	44.07 -0.14 0.00	43.11 -0.13 0.00	42.01 -0.08 0.00	46.32 -0.11 0.00	48.22 -0.06 0.00	57.10 -0.16 0.00	70.18 -0.41 0.00	44.39 -0.29 0.00	40.43 -0.34 0.00	33.34 -0.28 0.00	28.04 -0.23 0.00
HELLGATE_13_KV_LD 55870	20.37 0.91 0.00	23.73 1.24 0.00	26.19 1.28 0.00	31.51 1.44 0.00	27.18 1.27 0.00	25.19 1.30 0.00	31.49 1.74 0.00	38.17 1.97 0.00	37.42 1.86 0.00	38.72 1.93 0.00	42.85 2.13 0.00	43.79 2.40 0.00	41.74 2.31 0.00	46.08 1.88 0.00	45.06 1.82 0.00	43.98 1.89 0.00	48.62 2.20 0.00	50.58 2.31 0.00	59.92 2.66 0.00	73.25 2.66 0.00	46.24 1.57 0.00	42.34 1.57 0.00	35.04 1.42 0.00	29.36 1.09 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.37 0.91 0.00	23.73 1.24 0.00	26.19 1.28 0.00	31.51 1.44 0.00	27.18 1.27 0.00	25.19 1.30 0.00	31.49 1.74 0.00	38.17 1.97 0.00	37.42 1.86 0.00	38.72 1.93 0.00	42.85 2.13 0.00	43.79 2.40 0.00	41.74 2.31 0.00	46.08 1.88 0.00	45.06 1.82 0.00	43.98 1.89 0.00	48.62 2.20 0.00	50.58 2.31 0.00	59.92 2.66 0.00	73.25 2.66 0.00	46.24 1.57 0.00	42.34 1.57 0.00	35.04 1.42 0.00	29.36 1.09 0.00
HEMPSTEAD___ 23647	20.00 0.54 0.00	23.34 0.85 0.00	25.83 0.92 0.00	31.13 1.07 0.00	26.89 0.98 0.00	24.81 0.93 0.00	30.84 1.09 0.00	37.42 1.21 0.00	36.74 1.18 0.00	38.13 1.33 0.00	42.42 1.70 0.00	43.29 1.89 0.00	41.44 1.96 -0.05	45.40 1.20 0.00	44.41 1.18 0.00	43.30 1.21 0.00	47.82 1.40 0.00	49.74 1.47 0.00	58.77 1.51 0.00	68.35 1.24 3.47	45.44 0.76 0.00	40.37 0.74 1.14	34.36 0.74 0.00	28.86 0.60 0.00
HICKLING___1 23621	19.43 -0.02 0.00	22.74 0.25 0.00	25.15 0.24 0.00	30.39 0.32 0.00	26.27 0.36 0.00	24.21 0.32 0.00	30.11 0.36 0.00	36.76 0.55 0.00	35.89 0.33 0.00	37.14 0.35 0.00	41.29 0.58 0.00	42.20 0.81 0.00	40.00 0.57 0.00	44.85 0.64 0.00	43.69 0.45 0.00	42.49 0.40 0.00	46.85 0.43 0.00	48.96 0.69 0.00	57.91 0.65 0.00	71.01 0.43 0.00	44.96 0.28 0.00	40.93 0.16 0.00	33.87 0.26 0.00	28.88 0.61 0.00
HICKLING___2 23622	19.43 -0.02 0.00	22.74 0.25 0.00	25.15 0.24 0.00	30.39 0.32 0.00	26.27 0.36 0.00	24.21 0.32 0.00	30.11 0.36 0.00	36.76 0.55 0.00	35.89 0.33 0.00	37.14 0.35 0.00	41.29 0.58 0.00	42.20 0.81 0.00	40.00 0.57 0.00	44.85 0.64 0.00	43.69 0.45 0.00	42.49 0.40 0.00	46.85 0.43 0.00	48.96 0.69 0.00	57.91 0.65 0.00	71.01 0.43 0.00	44.96 0.28 0.00	40.93 0.16 0.00	33.87 0.26 0.00	28.88 0.61 0.00
HIGH FALLS___HY 23754	20.33 0.88 0.00	23.65 1.17 0.00	26.16 1.25 0.00	31.56 1.49 0.00	27.20 1.29 0.00	25.07 1.18 0.00	31.37 1.62 0.00	38.14 1.94 0.00	37.48 1.92 0.00	38.91 2.12 0.00	43.15 2.43 0.00	44.10 2.70 0.00	41.97 2.54 0.00	46.25 2.04 0.00	45.21 1.97 0.00	44.13 2.04 0.00	48.84 2.42 0.00	50.84 2.57 0.00	60.32 3.06 0.00	74.14 3.56 0.00	46.83 2.15 0.00	42.75 1.98 0.00	35.19 1.58 0.00	29.48 1.21 0.00
HIGH_RIVER___SOLAR 323847	19.82 0.36 0.00	22.95 0.47 0.00	25.43 0.52 0.00	30.72 0.65 0.00	26.46 0.55 0.00	24.43 0.54 0.00	30.51 0.77 0.00	37.24 1.04 0.00	36.55 0.99 0.00	37.75 0.95 0.00	41.77 1.06 0.00	42.46 1.06 0.00	40.38 0.95 0.00	45.18 0.98 0.00	44.29 1.05 0.00	43.26 1.17 0.00	47.91 1.48 0.00	49.88 1.60 0.00	59.09 1.83 0.00	72.82 2.23 0.00	46.04 1.36 0.00	41.97 1.20 0.00	34.52 0.91 0.00	28.96 0.70 0.00
HILLBURN___GT 23639	20.16 0.71 0.00	23.49 1.00 0.00	25.93 1.01 0.00	31.28 1.21 0.00	26.99 1.08 0.00	24.95 1.07 0.00	31.18 1.44 0.00	37.87 1.66 0.00	37.13 1.57 0.00	38.41 1.62 0.00	42.46 1.74 0.00	43.42 2.02 0.00	41.33 1.90 0.00	45.76 1.55 0.00	44.73 1.50 0.00	43.70 1.61 0.00	48.37 1.95 0.00	50.28 2.00 0.00	59.58 2.31 0.00	72.81 2.22 0.00	45.99 1.31 0.00	42.04 1.27 0.00	34.65 1.03 0.00	29.05 0.78 0.00
HILLSIDE_115KV_TB1 80332	19.24 -0.21 0.00	22.50 0.01 0.00	24.89 -0.02 0.00	30.07 0.00 0.00	25.96 0.05 0.00	23.92 0.03 0.00	29.78 0.04 0.00	36.38 0.17 0.00	35.52 -0.04 0.00	36.77 -0.02 0.00	40.88 0.16 0.00	41.71 0.31 0.00	39.51 0.08 0.00	44.25 0.05 0.00	43.12 -0.12 0.00	41.95 -0.14 0.00	46.26 -0.16 0.00	48.31 0.03 0.00	57.15 -0.12 0.00	70.10 -0.49 0.00	44.34 -0.34 0.00	40.37 -0.40 0.00	33.41 -0.21 0.00	28.45 0.18 0.00

HISHELDN_WT_PWR 323625	19.09 -0.36 0.00	22.39 -0.09 0.00	24.83 -0.09 0.00	29.96 -0.10 0.00	25.99 0.08 0.00	23.89 0.00 0.00	29.34 -0.41 0.00	35.33 -0.88 0.00	34.45 -1.11 0.00	35.57 -1.23 0.00	39.55 -1.17 0.00	40.71 -0.69 0.00	38.88 -0.55 0.00	43.65 -0.55 0.00	42.69 -0.55 0.00	41.44 -0.65 0.00	45.39 -1.04 0.00	47.23 -1.05 0.00	55.88 -1.38 0.00	68.58 -2.01 0.00	43.71 -0.97 0.00	39.77 -1.00 0.00	33.08 -0.54 0.00	28.66 0.39 0.00
HOLTSVILLE_IC_1 23690	19.72 0.26 0.00	23.13 0.64 0.00	25.73 0.82 0.00	31.00 0.93 0.00	26.79 0.89 0.00	24.62 0.74 0.00	30.51 0.77 0.00	37.15 0.94 0.00	36.62 1.06 0.00	38.03 1.23 0.00	42.25 1.53 0.00	43.09 1.70 0.00	41.37 1.91 -0.03	45.21 1.01 0.00	44.17 0.94 0.00	43.01 0.92 0.00	47.41 0.98 0.00	49.26 0.99 0.00	58.17 0.91 0.00	63.73 0.38 7.24	44.91 0.23 0.00	38.51 0.10 2.36	33.93 0.31 0.00	28.68 0.42 0.00
HOLTSVILLE_IC_10 23699	19.80 0.35 0.00	23.22 0.73 0.00	25.84 0.93 0.00	31.12 1.05 0.00	26.91 1.00 0.00	24.73 0.84 0.00	30.64 0.90 0.00	37.33 1.12 0.00	36.80 1.24 0.00	38.22 1.42 0.00	42.47 1.75 0.00	43.32 1.92 0.00	41.58 2.12 -0.03	45.46 1.26 0.00	44.40 1.17 0.00	43.25 1.16 0.00	47.66 1.23 0.00	49.52 1.25 0.00	58.48 1.21 0.00	64.17 0.73 7.15	45.14 0.46 0.00	38.72 0.28 2.33	34.07 0.45 0.00	28.80 0.53 0.00
HOLTSVILLE_IC_2 23691	19.72 0.26 0.00	23.13 0.64 0.00	25.73 0.82 0.00	31.00 0.93 0.00	26.79 0.89 0.00	24.62 0.74 0.00	30.51 0.77 0.00	37.15 0.94 0.00	36.62 1.06 0.00	38.03 1.23 0.00	42.25 1.53 0.00	43.09 1.70 0.00	41.37 1.91 -0.03	45.21 1.01 0.00	44.17 0.94 0.00	43.01 0.92 0.00	47.41 0.98 0.00	49.26 0.99 0.00	58.17 0.91 0.00	63.73 0.38 7.24	44.91 0.23 0.00	38.51 0.10 2.36	33.93 0.31 0.00	28.68 0.42 0.00
HOLTSVILLE_IC_3 23692	19.72 0.26 0.00	23.13 0.64 0.00	25.73 0.82 0.00	31.00 0.93 0.00	26.79 0.89 0.00	24.62 0.74 0.00	30.51 0.77 0.00	37.15 0.94 0.00	36.62 1.06 0.00	38.03 1.23 0.00	42.25 1.53 0.00	43.09 1.70 0.00	41.37 1.91 -0.03	45.21 1.01 0.00	44.17 0.94 0.00	43.01 0.92 0.00	47.41 0.98 0.00	49.26 0.99 0.00	58.17 0.91 0.00	63.73 0.38 7.24	44.91 0.23 0.00	38.51 0.10 2.36	33.93 0.31 0.00	28.68 0.42 0.00
HOLTSVILLE_IC_4 23693	19.72 0.26 0.00	23.13 0.64 0.00	25.73 0.82 0.00	31.00 0.93 0.00	26.79 0.89 0.00	24.62 0.74 0.00	30.51 0.77 0.00	37.15 0.94 0.00	36.62 1.06 0.00	38.03 1.23 0.00	42.25 1.53 0.00	43.09 1.70 0.00	41.37 1.91 -0.03	45.21 1.01 0.00	44.17 0.94 0.00	43.01 0.92 0.00	47.41 0.98 0.00	49.26 0.99 0.00	58.17 0.91 0.00	63.73 0.38 7.24	44.91 0.23 0.00	38.51 0.10 2.36	33.93 0.31 0.00	28.68 0.42 0.00
HOLTSVILLE_IC_5 23694	19.72 0.26 0.00	23.13 0.64 0.00	25.73 0.82 0.00	31.00 0.93 0.00	26.79 0.89 0.00	24.62 0.74 0.00	30.51 0.77 0.00	37.15 0.94 0.00	36.62 1.06 0.00	38.03 1.23 0.00	42.25 1.53 0.00	43.09 1.70 0.00	41.37 1.91 -0.03	45.21 1.01 0.00	44.17 0.94 0.00	43.01 0.92 0.00	47.41 0.98 0.00	49.26 0.99 0.00	58.17 0.91 0.00	63.73 0.38 7.24	44.91 0.23 0.00	38.51 0.10 2.36	33.93 0.31 0.00	28.68 0.42 0.00
HOLTSVILLE_IC_6 23695	19.80 0.35 0.00	23.22 0.73 0.00	25.84 0.93 0.00	31.12 1.05 0.00	26.91 1.00 0.00	24.73 0.84 0.00	30.64 0.90 0.00	37.33 1.12 0.00	36.80 1.24 0.00	38.22 1.42 0.00	42.47 1.75 0.00	43.32 1.92 0.00	41.58 2.12 -0.03	45.46 1.26 0.00	44.40 1.17 0.00	43.25 1.16 0.00	47.66 1.23 0.00	49.52 1.25 0.00	58.48 1.21 0.00	64.17 0.73 7.15	45.14 0.46 0.00	38.72 0.28 2.33	34.07 0.45 0.00	28.80 0.53 0.00
HOLTSVILLE_IC_7 23696	19.80 0.35 0.00	23.22 0.73 0.00	25.84 0.93 0.00	31.12 1.05 0.00	26.91 1.00 0.00	24.73 0.84 0.00	30.64 0.90 0.00	37.33 1.12 0.00	36.80 1.24 0.00	38.22 1.42 0.00	42.47 1.75 0.00	43.32 1.92 0.00	41.58 2.12 -0.03	45.46 1.26 0.00	44.40 1.17 0.00	43.25 1.16 0.00	47.66 1.23 0.00	49.52 1.25 0.00	58.48 1.21 0.00	64.17 0.73 7.15	45.14 0.46 0.00	38.72 0.28 2.33	34.07 0.45 0.00	28.80 0.53 0.00
HOLTSVILLE_IC_8 23697	19.80 0.35 0.00	23.22 0.73 0.00	25.84 0.93 0.00	31.12 1.05 0.00	26.91 1.00 0.00	24.73 0.84 0.00	30.64 0.90 0.00	37.33 1.12 0.00	36.80 1.24 0.00	38.22 1.42 0.00	42.47 1.75 0.00	43.32 1.92 0.00	41.58 2.12 -0.03	45.46 1.26 0.00	44.40 1.17 0.00	43.25 1.16 0.00	47.66 1.23 0.00	49.52 1.25 0.00	58.48 1.21 0.00	64.17 0.73 7.15	45.14 0.46 0.00	38.72 0.28 2.33	34.07 0.45 0.00	28.80 0.53 0.00
HOLTSVILLE_IC_9 23698	19.80 0.35 0.00	23.22 0.73 0.00	25.84 0.93 0.00	31.12 1.05 0.00	26.91 1.00 0.00	24.73 0.84 0.00	30.64 0.90 0.00	37.33 1.12 0.00	36.80 1.24 0.00	38.22 1.42 0.00	42.47 1.75 0.00	43.32 1.92 0.00	41.58 2.12 -0.03	45.46 1.26 0.00	44.40 1.17 0.00	43.25 1.16 0.00	47.66 1.23 0.00	49.52 1.25 0.00	58.48 1.21 0.00	64.17 0.73 7.15	45.14 0.46 0.00	38.72 0.28 2.33	34.07 0.45 0.00	28.80 0.53 0.00
HOMER_HL_115KV_TB2 355744	19.56 0.11 0.00	22.88 0.39 0.00	25.27 0.36 0.00	30.60 0.53 0.00	26.56 0.64 0.00	24.36 0.47 0.00	30.05 0.30 0.00	36.32 0.11 0.00	35.55 -0.01 0.00	36.82 0.03 0.00	41.12 0.40 0.00	42.10 0.70 0.00	39.87 0.44 0.00	44.67 0.47 0.00	43.24 0.00 0.00	41.91 -0.18 0.00	46.28 -0.14 0.00	48.34 0.06 0.00	57.20 -0.06 0.00	69.93 -0.65 0.00	44.41 -0.27 0.00	40.25 -0.52 0.00	33.44 -0.17 0.00	28.95 0.68 0.00
HOWARD_WT_PWR 323690	19.22 -0.23 0.00	22.45 -0.03 0.00	24.70 -0.21 0.00	29.83 -0.24 0.00	25.93 0.02 0.00	23.84 -0.05 0.00	29.45 -0.29 0.00	35.73 -0.47 0.00	34.71 -0.85 0.00	36.08 -0.71 0.00	39.95 -0.77 0.00	40.86 -0.53 0.00	38.92 -0.51 0.00	43.76 -0.44 0.00	42.78 -0.46 0.00	41.49 -0.60 0.00	45.72 -0.70 0.00	47.92 -0.36 0.00	56.56 -0.70 0.00	69.37 -1.22 0.00	44.39 -0.29 0.00	40.56 -0.21 0.00	33.78 0.16 0.00	28.90 0.63 0.00
HQ_GEN_CEDARS 23644	19.70 0.24 0.00	20.89 -1.60 0.00	22.80 -2.11 0.00	27.55 -2.51 0.00	23.98 -1.94 0.00	22.29 -1.60 0.00	27.50 -2.25 0.00	33.26 -2.95 0.00	32.39 -3.17 0.00	32.93 -3.87 0.00	36.72 -4.01 0.00	35.39 -1.21 4.80	39.31 -0.12 0.00	44.38 0.17 0.00	43.34 0.11 0.00	42.19 0.10 0.00	46.44 0.02 0.00	48.43 0.15 0.00	57.76 0.50 0.00	71.85 1.26 0.00	45.46 0.77 0.00	41.54 0.77 0.00	34.30 0.68 0.00	28.92 0.65 0.00
HQ_GEN_CEDARS_PROXY 323590	19.70 0.24 0.00	20.88 -1.61 0.00	22.80 -2.11 0.00	27.55 -2.51 0.00	23.98 -1.94 0.00	22.29 -1.60 0.00	27.50 -2.25 0.00	33.26 -2.95 0.00	32.39 -3.17 0.00	32.93 -3.87 0.00	36.72 -4.01 0.00	35.39 -1.21 4.80	39.31 -0.12 0.00	44.94 0.17 -0.56	43.34 0.11 0.00	42.19 0.10 0.00	46.44 0.02 0.00	48.43 0.15 0.00	57.76 0.50 0.00	71.85 1.26 0.00	45.45 0.77 0.00	41.54 0.77 0.00	34.00 0.68 0.31	27.46 0.64 1.45

HQ_GEN_IMPORT 323601	19.46 0.01 0.00	22.06 -1.90 -1.47	22.46 -2.45 0.00	27.15 -2.92 0.00	23.61 -2.30 0.00	21.94 -1.94 0.00	27.04 -2.71 0.00	32.71 -3.50 0.00	31.84 -3.71 0.00	32.39 -4.41 0.00	36.12 -4.60 0.00	35.03 -1.57 4.80	37.52 -0.31 1.61	44.16 -0.05 0.00	43.18 -0.06 0.00	42.00 -0.09 0.00	46.28 -0.15 0.00	48.19 -0.09 0.00	57.32 0.06 0.00	71.00 0.42 0.00	44.93 0.26 0.00	41.01 0.24 0.00	33.84 0.22 0.00	28.49 0.23 0.00
HQ_GEN_WHEEL 23651	19.46 0.01 0.00	22.06 -1.90 -1.47	22.46 -2.45 0.00	27.15 -2.92 0.00	23.61 -2.30 0.00	21.94 -1.94 0.00	27.04 -2.71 0.00	32.71 -3.50 0.00	31.84 -3.71 0.00	32.39 -4.41 0.00	36.12 -4.60 0.00	35.03 -1.57 4.80	37.52 -0.31 1.61	44.16 -0.05 0.00	43.18 -0.06 0.00	42.00 -0.09 0.00	46.28 -0.15 0.00	48.19 -0.09 0.00	57.32 0.06 0.00	71.00 0.42 0.00	44.93 0.26 0.00	41.01 0.24 0.00	33.84 0.22 0.00	28.49 0.23 0.00
HUDSON AVE_GT_3 23810	20.27 0.82 0.00	23.62 1.13 0.00	26.06 1.15 0.00	31.47 1.40 0.00	27.16 1.25 0.00	25.13 1.25 0.00	31.40 1.66 0.00	38.11 1.90 0.00	37.39 1.84 0.00	38.71 1.92 0.00	42.80 2.09 0.00	43.73 2.34 0.00	41.65 2.22 0.00	46.02 1.82 0.00	44.99 1.75 0.00	43.90 1.81 0.00	48.55 2.12 0.00	50.50 2.22 0.00	59.85 2.59 0.00	73.17 2.58 0.00	46.16 1.48 0.00	42.23 1.46 0.00	34.88 1.26 0.00	29.22 0.95 0.00
HUDSON AVE_GT_4 23540	20.27 0.82 0.00	23.62 1.13 0.00	26.06 1.15 0.00	31.47 1.40 0.00	27.16 1.25 0.00	25.13 1.25 0.00	31.40 1.66 0.00	38.11 1.90 0.00	37.39 1.84 0.00	38.71 1.92 0.00	42.80 2.09 0.00	43.73 2.34 0.00	41.65 2.22 0.00	46.02 1.82 0.00	44.99 1.75 0.00	43.90 1.81 0.00	48.55 2.12 0.00	50.50 2.22 0.00	59.85 2.59 0.00	73.17 2.58 0.00	46.16 1.48 0.00	42.23 1.46 0.00	34.88 1.26 0.00	29.22 0.95 0.00
HUDSON AVE_GT_5 23657	20.27 0.82 0.00	23.62 1.13 0.00	26.06 1.15 0.00	31.47 1.40 0.00	27.16 1.25 0.00	25.13 1.25 0.00	31.40 1.66 0.00	38.11 1.90 0.00	37.39 1.84 0.00	38.71 1.92 0.00	42.80 2.09 0.00	43.73 2.34 0.00	41.65 2.22 0.00	46.02 1.82 0.00	44.99 1.75 0.00	43.90 1.81 0.00	48.55 2.12 0.00	50.50 2.22 0.00	59.85 2.59 0.00	73.17 2.58 0.00	46.16 1.48 0.00	42.23 1.46 0.00	34.88 1.26 0.00	29.22 0.95 0.00
HUDSON_AVE_10 24168	20.18 0.72 0.00	23.51 1.02 0.00	25.94 1.02 0.00	31.32 1.25 0.00	27.04 1.13 0.00	25.02 1.14 0.00	31.28 1.53 0.00	37.95 1.75 0.00	37.24 1.68 0.00	38.54 1.75 0.00	42.61 1.90 0.00	43.56 2.17 0.00	41.48 2.05 0.00	45.82 1.62 0.00	44.79 1.55 0.00	43.72 1.63 0.00	48.35 1.93 0.00	50.30 2.03 0.00	59.62 2.36 0.00	72.88 2.30 0.00	45.97 1.28 0.00	42.06 1.29 0.00	34.73 1.11 0.00	29.10 0.83 0.00
HUDSON___115KV_TB 4 355613	19.87 0.41 0.00	23.18 0.69 0.00	25.68 0.76 0.00	30.95 0.88 0.00	26.73 0.82 0.00	25.11 1.22 0.00	31.27 1.53 0.00	37.94 1.74 0.00	37.30 1.74 0.00	38.57 1.77 0.00	41.47 0.75 0.00	42.19 0.79 0.00	40.28 0.85 0.00	44.78 0.58 0.00	43.83 0.60 0.00	42.67 0.58 0.00	47.14 0.72 0.00	48.85 0.57 0.00	57.86 0.60 0.00	71.02 0.44 0.00	44.94 0.27 0.00	40.97 0.20 0.00	33.75 0.14 0.00	28.40 0.13 0.00
HUNTER MOUNT___DRP 323613	19.88 0.43 0.00	23.20 0.72 0.00	25.71 0.80 0.00	30.99 0.93 0.00	26.75 0.84 0.00	24.99 1.10 0.00	31.11 1.36 0.00	37.71 1.51 0.00	37.08 1.52 0.00	38.32 1.53 0.00	41.56 0.84 0.00	42.22 0.83 0.00	40.34 0.91 0.00	44.89 0.69 0.00	43.97 0.73 0.00	42.76 0.67 0.00	47.26 0.83 0.00	48.99 0.72 0.00	58.02 0.76 0.00	71.18 0.60 0.00	45.02 0.34 0.00	41.02 0.25 0.00	33.77 0.15 0.00	28.36 0.10 0.00
HUNTINGTON_RES_REC 323705	19.76 0.31 0.00	23.14 0.65 0.00	25.70 0.78 0.00	30.96 0.90 0.00	26.80 0.90 0.00	24.67 0.78 0.00	30.53 0.78 0.00	37.05 0.85 0.00	36.50 0.94 0.00	37.92 1.13 0.00	42.24 1.52 0.00	43.10 1.70 0.00	41.38 1.92 -0.03	45.23 1.03 0.00	44.16 0.92 0.00	43.01 0.92 0.00	47.41 0.99 0.00	49.18 0.90 0.00	58.08 0.82 0.00	63.80 0.30 7.09	44.88 0.20 0.00	38.56 0.10 2.31	33.95 0.33 0.00	28.65 0.38 0.00
HUNTLEY___63 23557	19.33 -0.12 0.00	22.61 0.12 0.00	24.98 0.07 0.00	30.20 0.13 0.00	26.16 0.25 0.00	24.02 0.13 0.00	29.47 -0.28 0.00	35.27 -0.94 0.00	34.44 -1.12 0.00	35.62 -1.17 0.00	39.70 -1.02 0.00	40.88 -0.51 0.00	39.13 -0.31 0.00	43.90 -0.30 0.00	42.97 -0.26 0.00	41.68 -0.41 0.00	45.39 -1.03 0.00	47.18 -1.10 0.00	55.66 -1.60 0.00	68.13 -2.46 0.00	43.42 -1.26 0.00	39.43 -1.34 0.00	32.89 -0.73 0.00	28.68 0.41 0.00
HUNTLEY___64 23558	19.33 -0.12 0.00	22.61 0.12 0.00	24.98 0.07 0.00	30.20 0.13 0.00	26.16 0.25 0.00	24.02 0.13 0.00	29.47 -0.28 0.00	35.27 -0.94 0.00	34.44 -1.12 0.00	35.62 -1.17 0.00	39.70 -1.02 0.00	40.88 -0.51 0.00	39.13 -0.31 0.00	43.90 -0.30 0.00	42.97 -0.26 0.00	41.68 -0.41 0.00	45.39 -1.03 0.00	47.18 -1.10 0.00	55.66 -1.60 0.00	68.13 -2.46 0.00	43.42 -1.26 0.00	39.43 -1.34 0.00	32.89 -0.73 0.00	28.68 0.41 0.00
HUNTLEY___65 23559	19.33 -0.12 0.00	22.61 0.12 0.00	24.98 0.07 0.00	30.20 0.13 0.00	26.16 0.25 0.00	24.02 0.13 0.00	29.47 -0.28 0.00	35.27 -0.94 0.00	34.44 -1.12 0.00	35.62 -1.17 0.00	39.70 -1.02 0.00	40.88 -0.51 0.00	39.13 -0.31 0.00	43.90 -0.30 0.00	42.97 -0.26 0.00	41.68 -0.41 0.00	45.39 -1.03 0.00	47.18 -1.10 0.00	55.66 -1.60 0.00	68.13 -2.46 0.00	43.42 -1.26 0.00	39.43 -1.34 0.00	32.89 -0.73 0.00	28.68 0.41 0.00
HUNTLEY___66 23560	19.33 -0.12 0.00	22.61 0.12 0.00	24.98 0.07 0.00	30.20 0.13 0.00	26.16 0.25 0.00	24.02 0.13 0.00	29.47 -0.28 0.00	35.27 -0.94 0.00	34.44 -1.12 0.00	35.62 -1.17 0.00	39.70 -1.02 0.00	40.88 -0.51 0.00	39.13 -0.31 0.00	43.90 -0.30 0.00	42.97 -0.26 0.00	41.68 -0.41 0.00	45.39 -1.03 0.00	47.18 -1.10 0.00	55.66 -1.60 0.00	68.13 -2.46 0.00	43.42 -1.26 0.00	39.43 -1.34 0.00	32.89 -0.73 0.00	28.68 0.41 0.00
HUNTLEY___67 23561	19.22 -0.24 0.00	22.46 -0.03 0.00	24.83 -0.08 0.00	30.01 -0.06 0.00	26.00 0.09 0.00	23.88 -0.01 0.00	29.32 -0.43 0.00	35.16 -1.05 0.00	34.34 -1.22 0.00	35.52 -1.28 0.00	39.62 -1.10 0.00	40.77 -0.62 0.00	38.96 -0.47 0.00	43.73 -0.48 0.00	42.79 -0.45 0.00	41.50 -0.59 0.00	45.27 -1.16 0.00	47.04 -1.23 0.00	55.45 -1.82 0.00	67.91 -2.68 0.00	43.27 -1.41 0.00	39.29 -1.48 0.00	32.75 -0.87 0.00	28.50 0.23 0.00
HUNTLEY___68 23562	19.22 -0.24 0.00	22.46 -0.03 0.00	24.83 -0.08 0.00	30.01 -0.06 0.00	26.00 0.09 0.00	23.88 -0.01 0.00	29.32 -0.43 0.00	35.16 -1.05 0.00	34.34 -1.22 0.00	35.52 -1.28 0.00	39.62 -1.10 0.00	40.77 -0.62 0.00	38.96 -0.47 0.00	43.73 -0.48 0.00	42.79 -0.45 0.00	41.50 -0.59 0.00	45.27 -1.16 0.00	47.04 -1.23 0.00	55.45 -1.82 0.00	67.91 -2.68 0.00	43.27 -1.41 0.00	39.29 -1.48 0.00	32.75 -0.87 0.00	28.50 0.23 0.00

HYLAND___LFGE 323620	20.11 0.66 0.00	23.46 0.97 0.00	25.91 1.00 0.00	31.29 1.23 0.00	27.11 1.20 0.00	25.02 1.13 0.00	31.12 1.37 0.00	38.06 1.85 0.00	37.07 1.51 0.00	38.24 1.45 0.00	42.21 1.49 0.00	43.15 1.75 0.00	41.08 1.65 0.00	45.97 1.77 0.00	44.99 1.75 0.00	43.94 1.85 0.00	48.42 2.00 0.00	50.81 2.54 0.00	60.16 2.90 0.00	74.17 3.58 0.00	47.06 2.38 0.00	42.69 1.92 0.00	35.25 1.63 0.00	30.09 1.82 0.00
INDECK___CORINTH 23802	19.80 0.35 0.00	23.09 0.60 0.00	25.56 0.65 0.00	30.89 0.82 0.00	26.63 0.72 0.00	24.59 0.71 0.00	30.54 0.80 0.00	37.17 0.96 0.00	36.70 1.14 0.00	38.09 1.30 0.00	42.11 1.39 0.00	42.87 1.47 0.00	40.92 1.48 0.00	45.43 1.22 0.00	44.49 1.25 0.00	43.43 1.34 0.00	48.06 1.64 0.00	49.80 1.52 0.00	59.05 1.79 0.00	72.43 1.84 0.00	45.77 1.09 0.00	41.71 0.94 0.00	34.31 0.69 0.00	28.66 0.39 0.00
INDECK___ILION 23567	19.79 0.33 0.00	23.03 0.54 0.00	25.51 0.59 0.00	30.78 0.71 0.00	26.54 0.63 0.00	24.47 0.58 0.00	30.55 0.81 0.00	37.17 0.96 0.00	36.49 0.93 0.00	37.79 0.99 0.00	41.81 1.09 0.00	42.49 1.09 0.00	40.57 1.14 0.00	45.24 1.04 0.00	44.34 1.11 0.00	43.27 1.18 0.00	47.75 1.33 0.00	49.63 1.36 0.00	58.74 1.47 0.00	72.24 1.65 0.00	45.72 1.04 0.00	41.75 0.98 0.00	34.38 0.76 0.00	28.87 0.60 0.00
INDECK___OLEAN 23982	19.56 0.11 0.00	22.87 0.39 0.00	25.27 0.36 0.00	30.60 0.53 0.00	26.55 0.64 0.00	24.36 0.47 0.00	30.05 0.30 0.00	36.32 0.11 0.00	35.55 -0.01 0.00	36.82 0.03 0.00	41.11 0.40 0.00	42.10 0.71 0.00	39.87 0.44 0.00	44.67 0.47 0.00	43.24 0.00 0.00	41.91 -0.18 0.00	46.28 -0.14 0.00	48.34 0.06 0.00	57.21 -0.05 0.00	69.93 -0.65 0.00	44.42 -0.26 0.00	40.25 -0.52 0.00	33.44 -0.18 0.00	28.94 0.68 0.00
INDECK___OSWEGO 23783	18.97 -0.48 0.00	22.02 -0.47 0.00	24.39 -0.53 0.00	29.46 -0.61 0.00	25.40 -0.52 0.00	23.41 -0.47 0.00	29.03 -0.71 0.00	35.43 -0.78 0.00	34.77 -0.79 0.00	35.96 -0.83 0.00	39.81 -0.91 0.00	40.51 -0.89 0.00	38.62 -0.81 0.00	43.17 -1.04 0.00	42.22 -1.02 0.00	41.17 -0.93 0.00	45.42 -1.00 0.00	47.29 -0.98 0.00	56.03 -1.23 0.00	68.94 -1.65 0.00	43.61 -1.07 0.00	39.75 -1.03 0.00	32.73 -0.88 0.00	27.50 -0.77 0.00
INDECK___YERKES 23781	19.34 -0.12 0.00	22.62 0.14 0.00	25.01 0.09 0.00	30.22 0.16 0.00	26.18 0.27 0.00	24.03 0.15 0.00	29.49 -0.25 0.00	35.30 -0.90 0.00	34.47 -1.09 0.00	35.65 -1.14 0.00	39.74 -0.98 0.00	40.92 -0.47 0.00	39.16 -0.27 0.00	43.94 -0.26 0.00	43.01 -0.22 0.00	41.72 -0.37 0.00	45.44 -0.99 0.00	47.22 -1.05 0.00	55.71 -1.55 0.00	68.20 -2.39 0.00	43.47 -1.21 0.00	39.46 -1.31 0.00	32.92 -0.70 0.00	28.70 0.43 0.00
INDIAN POINT_GT_1 24139	20.12 0.67 0.00	23.45 0.97 0.00	25.90 0.99 0.00	31.26 1.19 0.00	26.96 1.06 0.00	24.92 1.03 0.00	31.12 1.38 0.00	37.77 1.57 0.00	37.05 1.49 0.00	38.35 1.55 0.00	42.41 1.69 0.00	43.35 1.95 0.00	41.28 1.85 0.00	45.67 1.47 0.00	44.66 1.42 0.00	43.59 1.50 0.00	48.22 1.79 0.00	50.11 1.84 0.00	59.37 2.11 0.00	72.60 2.01 0.00	45.86 1.18 0.00	41.92 1.15 0.00	34.57 0.96 0.00	28.99 0.72 0.00
INDIAN POINT_GT_2 23659	20.12 0.67 0.00	23.45 0.97 0.00	25.90 0.99 0.00	31.26 1.19 0.00	26.96 1.06 0.00	24.92 1.03 0.00	31.12 1.38 0.00	37.77 1.57 0.00	37.05 1.49 0.00	38.35 1.55 0.00	42.41 1.69 0.00	43.35 1.95 0.00	41.28 1.85 0.00	45.67 1.47 0.00	44.66 1.42 0.00	43.59 1.50 0.00	48.22 1.79 0.00	50.11 1.84 0.00	59.37 2.11 0.00	72.60 2.01 0.00	45.86 1.18 0.00	41.92 1.15 0.00	34.57 0.96 0.00	28.99 0.72 0.00
INDIAN POINT_GT_3 24019	20.12 0.67 0.00	23.45 0.97 0.00	25.90 0.99 0.00	31.26 1.19 0.00	26.96 1.06 0.00	24.92 1.03 0.00	31.12 1.38 0.00	37.77 1.57 0.00	37.05 1.49 0.00	38.35 1.55 0.00	42.41 1.69 0.00	43.35 1.95 0.00	41.28 1.85 0.00	45.67 1.47 0.00	44.66 1.42 0.00	43.59 1.50 0.00	48.22 1.79 0.00	50.11 1.84 0.00	59.37 2.11 0.00	72.60 2.01 0.00	45.86 1.18 0.00	41.92 1.15 0.00	34.57 0.96 0.00	28.99 0.72 0.00
INDIAN POINT___2 23530	20.12 0.67 0.00	23.45 0.96 0.00	25.89 0.98 0.00	31.25 1.18 0.00	26.96 1.05 0.00	24.91 1.02 0.00	31.12 1.37 0.00	37.77 1.57 0.00	37.04 1.49 0.00	38.33 1.54 0.00	42.38 1.66 0.00	43.32 1.93 0.00	41.26 1.82 0.00	45.65 1.44 0.00	44.63 1.39 0.00	43.58 1.49 0.00	48.19 1.77 0.00	50.11 1.83 0.00	59.36 2.10 0.00	72.58 1.99 0.00	45.84 1.16 0.00	41.92 1.14 0.00	34.57 0.95 0.00	28.99 0.72 0.00
INDIAN POINT___3 23531	20.11 0.66 0.00	23.44 0.96 0.00	25.89 0.98 0.00	31.25 1.18 0.00	26.95 1.04 0.00	24.90 1.02 0.00	31.10 1.35 0.00	37.74 1.53 0.00	37.02 1.46 0.00	38.32 1.52 0.00	42.37 1.66 0.00	43.30 1.91 0.00	41.25 1.82 0.00	45.64 1.44 0.00	44.62 1.38 0.00	43.55 1.46 0.00	48.18 1.75 0.00	50.06 1.79 0.00	59.31 2.04 0.00	72.53 1.94 0.00	45.82 1.14 0.00	41.89 1.12 0.00	34.55 0.94 0.00	28.97 0.70 0.00
INGHAM_C_115KV_TB7 356103	20.29 0.84 0.00	23.77 1.28 0.00	26.34 1.42 0.00	31.76 1.69 0.00	27.42 1.51 0.00	25.28 1.40 0.00	31.63 1.89 0.00	38.45 2.24 0.00	37.72 2.16 0.00	39.09 2.30 0.00	43.25 2.53 0.00	43.80 2.41 0.00	41.86 2.43 0.00	46.49 2.29 0.00	45.67 2.43 0.00	44.64 2.55 0.00	49.30 2.87 0.00	51.19 2.91 0.00	60.54 3.28 0.00	74.32 3.73 0.00	47.04 2.36 0.00	43.00 2.23 0.00	35.36 1.74 0.00	29.67 1.40 0.00
IP CORINTH___1 23988	19.92 0.46 0.00	23.23 0.74 0.00	25.71 0.80 0.00	31.07 1.00 0.00	26.79 0.88 0.00	24.74 0.85 0.00	30.72 0.98 0.00	37.39 1.18 0.00	36.91 1.35 0.00	38.31 1.52 0.00	42.35 1.64 0.00	43.12 1.72 0.00	41.15 1.72 0.00	45.69 1.49 0.00	44.75 1.51 0.00	43.68 1.59 0.00	48.34 1.92 0.00	50.08 1.81 0.00	59.39 2.13 0.00	72.85 2.27 0.00	46.03 1.35 0.00	41.95 1.18 0.00	34.51 0.89 0.00	28.84 0.57 0.00
IP___TICONDEROGA 23804	20.90 1.44 0.00	24.47 1.98 0.00	27.02 2.10 0.00	32.79 2.72 0.00	28.30 2.39 0.00	26.12 2.24 0.00	32.10 2.35 0.00	39.15 2.95 0.00	38.82 3.27 0.00	40.49 3.69 0.00	44.66 3.94 0.00	45.51 4.11 0.00	43.51 4.08 0.00	48.08 3.88 0.00	47.08 3.84 0.00	46.18 4.09 0.00	51.02 4.60 0.00	52.70 4.42 0.00	62.68 5.41 0.00	76.72 6.13 0.00	48.42 3.74 0.00	44.21 3.44 0.00	36.43 2.81 0.00	30.26 1.99 0.00
ISLIP_RES_REC 323679	19.90 0.44 0.00	23.32 0.84 0.00	25.96 1.04 0.00	31.27 1.20 0.00	27.03 1.12 0.00	24.85 0.97 0.00	30.80 1.06 0.00	37.52 1.32 0.00	36.95 1.39 0.00	38.40 1.61 0.00	42.68 1.96 0.00	43.51 2.12 0.00	41.78 2.31 -0.03	45.68 1.48 0.00	44.61 1.38 0.00	43.46 1.37 0.00	47.88 1.46 0.00	49.75 1.48 0.00	58.75 1.49 0.00	64.57 1.07 7.09	45.36 0.68 0.00	38.91 0.45 2.31	34.20 0.58 0.00	28.90 0.63 0.00

JAMAICA__27_KV_LOAD 355505	20.24 0.78 0.00	23.56 1.08 0.00	25.98 1.07 0.00	31.38 1.31 0.00	27.10 1.19 0.00	25.11 1.22 0.00	31.42 1.67 0.00	38.12 1.92 0.00	37.42 1.86 0.00	38.71 1.91 0.00	42.79 2.08 0.00	43.78 2.39 0.00	41.70 2.27 0.00	46.07 1.87 0.00	45.02 1.78 0.00	43.95 1.86 0.00	48.62 2.20 0.00	50.58 2.30 0.00	59.93 2.67 0.00	73.32 2.73 0.00	46.21 1.53 0.00	42.27 1.50 0.00	34.89 1.27 0.00	29.22 0.95 0.00
JANIS__SOLAR 323808	19.79 0.34 0.00	23.13 0.64 0.00	25.59 0.68 0.00	30.88 0.81 0.00	26.68 0.77 0.00	24.65 0.76 0.00	30.83 1.08 0.00	37.63 1.43 0.00	36.82 1.27 0.00	38.00 1.21 0.00	42.12 1.40 0.00	42.87 1.48 0.00	40.75 1.32 0.00	45.73 1.53 0.00	44.75 1.51 0.00	43.71 1.62 0.00	48.37 1.95 0.00	50.59 2.31 0.00	60.30 3.04 0.00	74.13 3.54 0.00	46.86 2.19 0.00	42.59 1.82 0.00	35.03 1.41 0.00	29.53 1.26 0.00
JARVIS____ 23743	19.47 0.01 0.00	22.55 0.06 0.00	24.99 0.08 0.00	30.16 0.09 0.00	25.99 0.08 0.00	23.96 0.08 0.00	29.84 0.09 0.00	36.31 0.11 0.00	35.66 0.11 0.00	36.90 0.11 0.00	40.84 0.12 0.00	41.62 0.22 0.00	39.70 0.27 0.00	44.38 0.17 0.00	43.42 0.18 0.00	42.28 0.19 0.00	46.66 0.23 0.00	48.51 0.23 0.00	57.47 0.20 0.00	70.73 0.14 0.00	44.77 0.09 0.00	40.85 0.08 0.00	33.68 0.06 0.00	28.29 0.02 0.00
JENNISON____1 23625	19.46 0.00 0.00	23.01 0.52 0.00	25.45 0.54 0.00	30.56 0.49 0.00	26.35 0.44 0.00	24.31 0.43 0.00	30.46 0.71 0.00	36.71 0.51 0.00	35.94 0.38 0.00	37.10 0.31 0.00	41.35 0.63 0.00	42.32 0.92 0.00	40.48 1.05 0.00	45.36 1.16 0.00	44.49 1.26 0.00	43.43 1.34 0.00	47.95 1.53 0.00	50.05 1.78 0.00	59.90 2.63 0.00	73.63 3.04 0.00	46.61 1.93 0.00	42.51 1.74 0.00	35.02 1.41 0.00	29.54 1.28 0.00
JENNISON____2 23626	19.46 0.00 0.00	23.01 0.52 0.00	25.45 0.54 0.00	30.56 0.49 0.00	26.35 0.44 0.00	24.31 0.43 0.00	30.46 0.71 0.00	36.71 0.51 0.00	35.94 0.38 0.00	37.10 0.31 0.00	41.35 0.63 0.00	42.32 0.92 0.00	40.48 1.05 0.00	45.36 1.16 0.00	44.49 1.26 0.00	43.43 1.34 0.00	47.95 1.53 0.00	50.05 1.78 0.00	59.90 2.63 0.00	73.63 3.04 0.00	46.61 1.93 0.00	42.51 1.74 0.00	35.02 1.41 0.00	29.54 1.28 0.00
JERICOHO_RISE_WT_PWR 323719	19.56 0.11 0.00	20.65 -1.84 0.00	22.47 -2.44 0.00	27.16 -2.90 0.00	23.62 -2.29 0.00	21.91 -1.98 0.00	26.97 -2.78 0.00	32.63 -3.58 0.00	31.78 -3.78 0.00	32.23 -4.56 0.00	35.95 -4.76 0.00	34.66 -1.93 4.80	38.65 -0.78 0.00	43.50 -0.70 0.00	42.54 -0.69 0.00	41.39 -0.70 0.00	45.51 -0.91 0.00	47.32 -0.95 0.00	56.62 -0.65 0.00	70.62 0.03 0.00	44.62 -0.05 0.00	40.97 0.20 0.00	34.02 0.41 0.00	28.71 0.44 0.00
KATONAH__115KV_46KV_TB4 355592	20.18 0.73 0.00	23.53 1.05 0.00	26.00 1.09 0.00	31.37 1.31 0.00	27.06 1.15 0.00	25.00 1.11 0.00	31.21 1.46 0.00	37.87 1.66 0.00	37.17 1.61 0.00	38.51 1.72 0.00	42.62 1.90 0.00	43.55 2.16 0.00	41.50 2.07 0.00	45.91 1.71 0.00	44.89 1.65 0.00	43.79 1.70 0.00	48.42 2.00 0.00	50.33 2.05 0.00	59.62 2.35 0.00	72.93 2.34 0.00	46.06 1.39 0.00	42.09 1.32 0.00	34.72 1.10 0.00	29.09 0.82 0.00
KCE_NY_1 323755	20.06 0.60 0.00	23.39 0.91 0.00	25.90 0.99 0.00	31.27 1.20 0.00	26.94 1.03 0.00	24.89 1.00 0.00	30.96 1.21 0.00	37.59 1.39 0.00	37.02 1.46 0.00	38.39 1.59 0.00	42.43 1.72 0.00	43.20 1.80 0.00	41.24 1.81 0.00	45.85 1.65 0.00	44.85 1.62 0.00	43.75 1.66 0.00	48.38 1.96 0.00	50.26 1.99 0.00	59.44 2.18 0.00	72.96 2.37 0.00	46.16 1.48 0.00	42.11 1.34 0.00	34.64 1.02 0.00	29.00 0.73 0.00
KCE_NY_6_ESR 323823	19.35 -0.11 0.00	22.63 0.14 0.00	25.02 0.11 0.00	30.21 0.15 0.00	26.20 0.29 0.00	24.07 0.19 0.00	29.60 -0.14 0.00	35.57 -0.63 0.00	34.73 -0.83 0.00	35.92 -0.87 0.00	40.03 -0.69 0.00	41.18 -0.22 0.00	39.29 -0.14 0.00	44.09 -0.11 0.00	43.10 -0.13 0.00	41.81 -0.28 0.00	45.74 -0.69 0.00	47.60 -0.68 0.00	56.22 -1.04 0.00	68.83 -1.76 0.00	43.84 -0.84 0.00	39.78 -0.99 0.00	33.13 -0.49 0.00	28.77 0.50 0.00
KEDC_PORT_JEFF_GT2 24210	19.76 0.31 0.00	23.16 0.68 0.00	25.77 0.86 0.00	31.04 0.98 0.00	26.85 0.94 0.00	24.67 0.79 0.00	30.58 0.84 0.00	37.23 1.03 0.00	36.69 1.13 0.00	38.13 1.33 0.00	42.38 1.66 0.00	43.22 1.82 0.00	41.49 2.03 -0.03	45.34 1.14 0.00	44.30 1.07 0.00	43.13 1.04 0.00	47.51 1.08 0.00	49.18 0.90 0.00	58.07 0.80 0.00	63.65 0.24 7.18	44.97 0.29 0.00	38.53 0.10 2.34	33.94 0.32 0.00	28.69 0.42 0.00
KEDC_PORT_JEFF_GT3 24211	19.76 0.31 0.00	23.16 0.68 0.00	25.77 0.86 0.00	31.04 0.98 0.00	26.85 0.94 0.00	24.67 0.79 0.00	30.58 0.84 0.00	37.23 1.03 0.00	36.69 1.13 0.00	38.13 1.33 0.00	42.38 1.66 0.00	43.22 1.82 0.00	41.49 2.03 -0.03	45.34 1.14 0.00	44.30 1.07 0.00	43.13 1.04 0.00	47.51 1.08 0.00	49.18 0.90 0.00	58.07 0.80 0.00	63.65 0.24 7.18	44.97 0.29 0.00	38.53 0.10 2.34	33.94 0.32 0.00	28.69 0.42 0.00
KEDC_GLWD_GT4 24219	20.18 0.72 0.00	23.53 1.04 0.00	26.02 1.11 0.00	31.38 1.32 0.00	27.10 1.19 0.00	25.02 1.13 0.00	31.15 1.41 0.00	37.79 1.59 0.00	36.90 1.34 0.00	38.28 1.48 0.00	42.73 2.01 0.00	43.63 2.23 0.00	41.70 2.21 -0.06	45.57 1.36 0.00	44.56 1.33 0.00	43.47 1.38 0.00	48.03 1.61 0.00	49.94 1.66 0.00	59.08 1.82 0.00	69.88 1.62 2.33	45.67 0.99 0.00	41.20 1.20 0.76	34.69 1.07 0.00	29.12 0.85 0.00
KEDC_GLWD_GT5 24220	20.18 0.72 0.00	23.53 1.04 0.00	26.02 1.11 0.00	31.38 1.32 0.00	27.10 1.19 0.00	25.02 1.13 0.00	31.15 1.41 0.00	37.79 1.59 0.00	36.90 1.34 0.00	38.28 1.48 0.00	42.73 2.01 0.00	43.63 2.23 0.00	41.70 2.21 -0.06	45.57 1.36 0.00	44.56 1.33 0.00	43.47 1.38 0.00	48.03 1.61 0.00	49.94 1.66 0.00	59.08 1.82 0.00	69.88 1.62 2.33	45.67 0.99 0.00	41.20 1.20 0.76	34.69 1.07 0.00	29.12 0.85 0.00
KENSICO____ 23655	20.17 0.71 0.00	23.50 1.01 0.00	25.96 1.05 0.00	31.34 1.27 0.00	27.04 1.13 0.00	24.98 1.09 0.00	31.19 1.45 0.00	37.84 1.64 0.00	37.13 1.57 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.47 2.07 0.00	41.41 1.98 0.00	45.78 1.58 0.00	44.75 1.51 0.00	43.68 1.58 0.00	48.29 1.86 0.00	50.20 1.92 0.00	59.47 2.20 0.00	72.72 2.13 0.00	45.93 1.25 0.00	42.00 1.23 0.00	34.66 1.04 0.00	29.06 0.79 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.29 0.83 0.00	23.61 1.12 0.00	26.11 1.20 0.00	31.49 1.42 0.00	27.15 1.24 0.00	25.04 1.16 0.00	31.32 1.58 0.00	38.07 1.87 0.00	37.41 1.86 0.00	38.81 2.02 0.00	42.98 2.27 0.00	43.92 2.52 0.00	41.79 2.36 0.00	46.00 1.80 0.00	44.98 1.75 0.00	43.90 1.81 0.00	48.59 2.16 0.00	50.58 2.30 0.00	60.01 2.74 0.00	73.89 3.31 0.00	46.66 1.98 0.00	42.60 1.83 0.00	35.06 1.44 0.00	29.37 1.10 0.00

KIAC_JFK_GT1 23816	20.17 0.72 0.00	23.50 1.01 0.00	25.90 0.99 0.00	31.29 1.22 0.00	27.02 1.11 0.00	25.03 1.15 0.00	31.33 1.58 0.00	38.00 1.79 0.00	37.29 1.74 0.00	38.58 1.79 0.00	42.66 1.95 0.00	43.64 2.24 0.00	41.56 2.13 0.00	45.93 1.73 0.00	44.87 1.64 0.00	43.80 1.71 0.00	48.45 2.02 0.00	50.40 2.13 0.00	59.74 2.47 0.00	73.06 2.47 0.00	46.04 1.36 0.00	42.13 1.35 0.00	34.78 1.16 0.00	29.13 0.86 0.00
KIAC_JFK_GT2 23817	20.17 0.72 0.00	23.50 1.01 0.00	25.90 0.99 0.00	31.29 1.22 0.00	27.02 1.11 0.00	25.03 1.15 0.00	31.33 1.58 0.00	38.00 1.79 0.00	37.29 1.74 0.00	38.58 1.79 0.00	42.66 1.95 0.00	43.64 2.24 0.00	41.56 2.13 0.00	45.93 1.73 0.00	44.87 1.64 0.00	43.80 1.71 0.00	48.45 2.02 0.00	50.40 2.13 0.00	59.74 2.47 0.00	73.06 2.47 0.00	46.04 1.36 0.00	42.13 1.35 0.00	34.78 1.16 0.00	29.13 0.86 0.00
KIAC_JFK____ 323774	20.17 0.72 0.00	23.50 1.01 0.00	25.90 0.99 0.00	31.29 1.22 0.00	27.02 1.11 0.00	25.03 1.15 0.00	31.33 1.58 0.00	38.00 1.79 0.00	37.29 1.74 0.00	38.58 1.79 0.00	42.66 1.95 0.00	43.64 2.24 0.00	41.56 2.13 0.00	45.93 1.73 0.00	44.87 1.64 0.00	43.80 1.71 0.00	48.45 2.02 0.00	50.40 2.13 0.00	59.74 2.48 0.00	73.05 2.46 0.00	46.04 1.36 0.00	42.13 1.35 0.00	34.78 1.16 0.00	29.13 0.86 0.00
KINTIGH__24_KV_GSU 356498	19.28 -0.17 0.00	22.51 0.02 0.00	24.88 -0.03 0.00	30.08 0.01 0.00	26.04 0.13 0.00	23.92 0.04 0.00	29.43 -0.32 0.00	35.34 -0.86 0.00	34.56 -1.00 0.00	35.76 -1.03 0.00	39.86 -0.86 0.00	40.97 -0.43 0.00	39.18 -0.25 0.00	43.96 -0.25 0.00	43.02 -0.21 0.00	41.75 -0.34 0.00	45.51 -0.92 0.00	47.30 -0.97 0.00	55.73 -1.53 0.00	68.29 -2.29 0.00	43.50 -1.18 0.00	39.48 -1.30 0.00	32.86 -0.76 0.00	28.49 0.22 0.00
KINTIGH____ 23543	19.27 -0.18 0.00	22.49 0.01 0.00	24.87 -0.05 0.00	30.06 -0.01 0.00	26.02 0.11 0.00	23.91 0.03 0.00	29.41 -0.34 0.00	35.32 -0.88 0.00	34.55 -1.01 0.00	35.74 -1.06 0.00	39.84 -0.88 0.00	40.95 -0.45 0.00	39.17 -0.27 0.00	43.93 -0.28 0.00	43.00 -0.24 0.00	41.72 -0.37 0.00	45.47 -0.95 0.00	47.27 -1.01 0.00	55.70 -1.56 0.00	68.24 -2.34 0.00	43.46 -1.22 0.00	39.46 -1.31 0.00	32.84 -0.78 0.00	28.47 0.20 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.88 0.42 0.00	21.06 -1.43 0.00	22.83 -2.08 0.00	27.55 -2.52 0.00	24.00 -1.91 0.00	22.23 -1.65 0.00	27.18 -2.57 0.00	32.73 -3.47 0.00	31.81 -3.75 0.00	32.25 -4.54 0.00	35.86 -4.86 0.00	34.41 -2.18 4.80	38.41 -1.02 0.00	42.84 -1.36 0.00	42.04 -1.20 0.00	41.03 -1.06 0.00	45.09 -1.34 0.00	47.00 -1.28 0.00	56.37 -0.89 0.00	70.44 -0.15 0.00	44.46 -0.22 0.00	41.05 0.28 0.00	34.36 0.74 0.00	29.04 0.77 0.00
LACHUTE____HYDRO 323717	20.90 1.44 0.00	24.47 1.98 0.00	27.02 2.10 0.00	32.79 2.72 0.00	28.30 2.39 0.00	26.13 2.24 0.00	32.10 2.35 0.00	39.16 2.95 0.00	38.82 3.27 0.00	40.49 3.69 0.00	44.66 3.94 0.00	45.51 4.11 0.00	43.51 4.08 0.00	48.08 3.88 0.00	47.08 3.84 0.00	46.18 4.09 0.00	51.03 4.60 0.00	52.70 4.42 0.00	62.68 5.42 0.00	76.71 6.13 0.00	48.42 3.74 0.00	44.21 3.44 0.00	36.43 2.81 0.00	30.26 1.99 0.00
LAWRNCAY_115KV_TB1 80681	19.83 0.37 0.00	21.19 -1.30 0.00	23.19 -1.73 0.00	28.05 -2.02 0.00	24.38 -1.53 0.00	22.67 -1.22 0.00	28.06 -1.69 0.00	34.04 -2.17 0.00	33.19 -2.37 0.00	33.76 -3.04 0.00	37.54 -3.18 0.00	40.50 -0.90 0.00	39.43 0.00 0.00	44.51 0.30 0.00	43.41 0.17 0.00	42.32 0.23 0.00	46.64 0.21 0.00	48.44 0.16 0.00	57.88 0.62 0.00	72.05 1.47 0.00	45.57 0.89 0.00	41.92 1.15 0.00	34.71 1.09 0.00	29.23 0.96 0.00
LEDERLE____ 23769	20.23 0.78 0.00	23.57 1.08 0.00	26.03 1.11 0.00	31.40 1.33 0.00	27.10 1.19 0.00	25.05 1.16 0.00	31.30 1.56 0.00	38.01 1.80 0.00	37.28 1.72 0.00	38.57 1.78 0.00	42.65 1.94 0.00	43.60 2.20 0.00	41.51 2.08 0.00	45.96 1.76 0.00	44.94 1.70 0.00	43.88 1.79 0.00	48.56 2.14 0.00	50.49 2.21 0.00	59.81 2.55 0.00	73.11 2.52 0.00	46.17 1.50 0.00	42.20 1.43 0.00	34.78 1.16 0.00	29.16 0.89 0.00
LIGHTHSE_115KV_TB6 355974	19.24 -0.21 0.00	22.25 -0.24 0.00	24.67 -0.24 0.00	29.86 -0.21 0.00	25.77 -0.14 0.00	23.82 -0.06 0.00	29.64 -0.10 0.00	36.31 0.10 0.00	35.72 0.16 0.00	36.85 0.06 0.00	40.74 0.02 0.00	41.45 0.05 0.00	39.58 0.16 0.00	44.23 0.02 0.00	43.13 -0.10 0.00	42.18 0.09 0.00	46.56 0.14 0.00	48.65 0.37 0.00	57.69 0.43 0.00	71.06 0.47 0.00	44.88 0.20 0.00	41.00 0.23 0.00	33.80 0.18 0.00	28.36 0.09 0.00
LINDEN COGEN____ 23786	20.17 0.72 0.00	23.50 1.01 0.00	25.92 1.01 0.00	31.27 1.21 0.00	27.01 1.11 0.00	24.99 1.10 0.00	31.23 1.48 0.00	37.89 1.69 0.00	37.17 1.61 0.00	38.45 1.66 0.00	42.47 1.75 0.00	43.42 2.02 0.00	41.33 1.90 0.00	45.67 1.47 0.00	44.65 1.42 0.00	43.59 1.50 0.00	48.21 1.78 0.00	50.14 1.87 0.00	59.45 2.19 0.00	72.68 2.09 0.00	45.82 1.14 0.00	41.94 1.17 0.00	34.63 1.01 0.00	29.02 0.75 0.00
LINDHRST_69_KV_BK1 356055	20.12 0.67 0.00	23.50 1.01 0.00	26.06 1.15 0.00	31.39 1.32 0.00	27.11 1.20 0.00	25.00 1.12 0.00	31.01 1.27 0.00	37.67 1.47 0.00	37.11 1.55 0.00	38.55 1.76 0.00	42.89 2.17 0.00	43.78 2.39 0.00	41.96 2.49 -0.04	45.94 1.74 0.00	44.94 1.70 0.00	43.80 1.71 0.00	48.35 1.93 0.00	50.33 2.06 0.00	59.33 2.07 0.00	66.60 1.78 5.77	45.90 1.22 0.00	39.91 1.02 1.89	34.62 1.01 0.00	29.12 0.86 0.00
LIPA_MISC_IPP 23656	19.64 0.19 0.00	23.07 0.59 0.00	25.71 0.80 0.00	30.97 0.90 0.00	26.78 0.88 0.00	24.57 0.68 0.00	30.46 0.72 0.00	37.16 0.96 0.00	36.65 1.10 0.00	38.05 1.25 0.00	42.22 1.50 0.00	43.08 1.69 0.00	41.34 1.87 -0.03	45.20 0.99 0.00	44.16 0.92 0.00	42.98 0.89 0.00	47.38 0.96 0.00	49.25 0.97 0.00	58.17 0.91 0.00	63.72 0.36 7.23	44.87 0.19 0.00	38.46 0.05 2.36	33.88 0.26 0.00	28.66 0.39 0.00
LISF____SOLAR 323691	19.68 0.22 0.00	23.11 0.63 0.00	25.76 0.84 0.00	31.03 0.96 0.00	26.83 0.93 0.00	24.61 0.73 0.00	30.52 0.78 0.00	37.25 1.04 0.00	36.75 1.19 0.00	38.15 1.36 0.00	42.33 1.61 0.00	43.19 1.79 0.00	41.45 1.98 -0.03	45.29 1.09 0.00	44.26 1.02 0.00	43.09 1.00 0.00	47.49 1.07 0.00	49.39 1.12 0.00	58.34 1.08 0.00	63.93 0.55 7.21	44.98 0.30 0.00	38.57 0.15 2.35	33.95 0.33 0.00	28.72 0.45 0.00
LITTLE FALLS____HYD 24013	20.29 0.84 0.00	23.77 1.28 0.00	26.34 1.42 0.00	31.76 1.69 0.00	27.42 1.51 0.00	25.28 1.40 0.00	31.63 1.89 0.00	38.45 2.24 0.00	37.72 2.16 0.00	39.09 2.30 0.00	43.25 2.53 0.00	43.80 2.41 0.00	41.86 2.43 0.00	46.49 2.29 0.00	45.67 2.43 0.00	44.64 2.55 0.00	49.30 2.87 0.00	51.19 2.91 0.00	60.54 3.28 0.00	74.32 3.73 0.00	47.04 2.36 0.00	43.00 2.23 0.00	35.36 1.74 0.00	29.67 1.40 0.00

LITTLRIV_115KV_TB1 356100	20.09 0.63 0.00	21.42 -1.07 0.00	23.44 -1.47 0.00	28.37 -1.69 0.00	24.68 -1.23 0.00	22.96 -0.93 0.00	28.43 -1.31 0.00	34.53 -1.68 0.00	33.64 -1.91 0.00	34.14 -2.65 0.00	37.92 -2.80 0.00	40.86 -0.54 0.00	39.74 0.31 0.00	44.93 0.73 0.00	43.76 0.52 0.00	42.70 0.61 0.00	47.15 0.73 0.00	49.12 0.84 0.00	58.84 1.57 0.00	73.31 2.73 0.00	46.33 1.65 0.00	42.57 1.80 0.00	35.22 1.60 0.00	29.66 1.39 0.00
LI_NEWBRDGE___DRP 323616	19.88 0.43 0.00	23.22 0.73 0.00	25.72 0.81 0.00	31.00 0.93 0.00	26.77 0.86 0.00	24.69 0.80 0.00	30.64 0.89 0.00	37.19 0.98 0.00	36.57 1.01 0.00	37.94 1.15 0.00	42.18 1.47 0.00	43.04 1.64 0.00	41.21 1.75 -0.03	45.18 0.97 0.00	44.19 0.95 0.00	43.07 0.98 0.00	47.55 1.12 0.00	49.44 1.17 0.00	58.43 1.16 0.00	63.64 0.79 7.73	45.14 0.46 0.00	38.68 0.43 2.52	34.14 0.52 0.00	28.72 0.45 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.26 -0.19 0.00	22.50 0.01 0.00	24.85 -0.06 0.00	30.02 -0.05 0.00	26.00 0.09 0.00	23.83 -0.05 0.00	29.15 -0.60 0.00	34.89 -1.31 0.00	34.09 -1.47 0.00	35.24 -1.56 0.00	39.27 -1.45 0.00	40.44 -0.95 0.00	38.72 -0.71 0.00	43.43 -0.77 0.00	42.51 -0.73 0.00	41.24 -0.85 0.00	44.91 -1.52 0.00	46.64 -1.63 0.00	54.99 -2.27 0.00	67.36 -3.23 0.00	42.98 -1.70 0.00	39.06 -1.71 0.00	32.63 -0.99 0.00	28.55 0.28 0.00
LOCKPORT___CC1 323769	19.24 -0.21 0.00	22.48 0.00 0.00	24.84 -0.07 0.00	30.01 -0.06 0.00	25.98 0.07 0.00	23.79 -0.09 0.00	29.10 -0.64 0.00	34.81 -1.40 0.00	34.00 -1.56 0.00	35.16 -1.64 0.00	39.18 -1.54 0.00	40.36 -1.04 0.00	38.64 -0.79 0.00	43.35 -0.86 0.00	42.42 -0.82 0.00	41.15 -0.94 0.00	44.81 -1.61 0.00	46.53 -1.74 0.00	54.86 -2.40 0.00	67.16 -3.43 0.00	42.88 -1.79 0.00	38.96 -1.81 0.00	32.54 -1.08 0.00	28.52 0.25 0.00
LOCKPORT___CC2 323770	19.24 -0.21 0.00	22.48 0.00 0.00	24.84 -0.07 0.00	30.01 -0.06 0.00	25.98 0.07 0.00	23.79 -0.09 0.00	29.10 -0.64 0.00	34.81 -1.40 0.00	34.00 -1.56 0.00	35.16 -1.64 0.00	39.18 -1.54 0.00	40.36 -1.04 0.00	38.64 -0.79 0.00	43.35 -0.86 0.00	42.42 -0.82 0.00	41.15 -0.94 0.00	44.81 -1.61 0.00	46.53 -1.74 0.00	54.86 -2.40 0.00	67.16 -3.43 0.00	42.88 -1.79 0.00	38.96 -1.81 0.00	32.54 -1.08 0.00	28.52 0.25 0.00
LOCKPORT___CC3 323771	19.24 -0.21 0.00	22.48 0.00 0.00	24.84 -0.07 0.00	30.01 -0.06 0.00	25.98 0.07 0.00	23.79 -0.09 0.00	29.10 -0.64 0.00	34.81 -1.40 0.00	34.00 -1.56 0.00	35.16 -1.64 0.00	39.18 -1.54 0.00	40.36 -1.04 0.00	38.64 -0.79 0.00	43.35 -0.86 0.00	42.42 -0.82 0.00	41.15 -0.94 0.00	44.81 -1.61 0.00	46.53 -1.74 0.00	54.86 -2.40 0.00	67.16 -3.43 0.00	42.88 -1.79 0.00	38.96 -1.81 0.00	32.54 -1.08 0.00	28.52 0.25 0.00
LOCUSVLY_69_KV_BK2 55797	20.11 0.66 0.00	23.47 0.99 0.00	25.99 1.08 0.00	31.31 1.25 0.00	27.06 1.15 0.00	24.96 1.08 0.00	31.02 1.27 0.00	37.62 1.41 0.00	36.91 1.35 0.00	38.32 1.52 0.00	42.69 1.97 0.00	43.58 2.18 0.00	41.71 2.23 -0.05	45.69 1.49 0.00	44.67 1.43 0.00	43.55 1.46 0.00	48.09 1.67 0.00	50.00 1.73 0.00	59.13 1.87 0.00	68.65 1.63 3.56	45.68 1.00 0.00	40.61 1.00 1.17	34.58 0.96 0.00	29.06 0.79 0.00
LONG_LAKE_PHOENIX 24014	19.05 -0.41 0.00	22.12 -0.36 0.00	24.49 -0.43 0.00	29.56 -0.51 0.00	25.50 -0.41 0.00	23.52 -0.37 0.00	29.30 -0.45 0.00	35.80 -0.41 0.00	35.17 -0.38 0.00	36.40 -0.40 0.00	40.28 -0.44 0.00	41.01 -0.39 0.00	39.07 -0.36 0.00	43.71 -0.49 0.00	42.76 -0.48 0.00	41.68 -0.41 0.00	45.98 -0.44 0.00	47.85 -0.43 0.00	56.68 -0.59 0.00	69.70 -0.88 0.00	44.11 -0.57 0.00	40.17 -0.60 0.00	33.08 -0.54 0.00	27.80 -0.47 0.00
LOVETT___3 23632	20.11 0.66 0.00	23.43 0.95 0.00	25.89 0.97 0.00	31.24 1.17 0.00	26.95 1.04 0.00	24.90 1.01 0.00	31.10 1.36 0.00	37.75 1.54 0.00	37.02 1.47 0.00	38.32 1.52 0.00	42.37 1.65 0.00	43.30 1.91 0.00	41.24 1.81 0.00	45.63 1.43 0.00	44.62 1.38 0.00	43.56 1.47 0.00	48.19 1.77 0.00	50.08 1.81 0.00	59.34 2.07 0.00	72.55 1.96 0.00	45.83 1.15 0.00	41.90 1.13 0.00	34.55 0.94 0.00	28.97 0.70 0.00
LOVETT___4 23642	20.11 0.66 0.00	23.43 0.95 0.00	25.89 0.97 0.00	31.24 1.17 0.00	26.95 1.04 0.00	24.90 1.01 0.00	31.10 1.36 0.00	37.75 1.54 0.00	37.02 1.47 0.00	38.32 1.52 0.00	42.37 1.65 0.00	43.30 1.91 0.00	41.24 1.81 0.00	45.63 1.43 0.00	44.62 1.38 0.00	43.56 1.47 0.00	48.19 1.77 0.00	50.08 1.81 0.00	59.34 2.07 0.00	72.55 1.96 0.00	45.83 1.15 0.00	41.90 1.13 0.00	34.55 0.94 0.00	28.97 0.70 0.00
LOVETT___5 23593	20.11 0.66 0.00	23.43 0.95 0.00	25.89 0.97 0.00	31.24 1.17 0.00	26.95 1.04 0.00	24.90 1.01 0.00	31.10 1.36 0.00	37.75 1.54 0.00	37.02 1.47 0.00	38.32 1.52 0.00	42.37 1.65 0.00	43.30 1.91 0.00	41.24 1.81 0.00	45.63 1.43 0.00	44.62 1.38 0.00	43.56 1.47 0.00	48.19 1.77 0.00	50.08 1.81 0.00	59.34 2.07 0.00	72.55 1.96 0.00	45.83 1.15 0.00	41.90 1.13 0.00	34.55 0.94 0.00	28.97 0.70 0.00
LOWER RAQUET___HYD 24057	19.86 0.41 0.00	21.29 -1.20 0.00	23.31 -1.60 0.00	28.21 -1.86 0.00	24.51 -1.40 0.00	22.80 -1.08 0.00	28.23 -1.51 0.00	34.29 -1.92 0.00	33.45 -2.11 0.00	34.03 -2.77 0.00	37.81 -2.91 0.00	40.60 -0.80 0.00	39.47 0.04 0.00	44.55 0.34 0.00	43.41 0.18 0.00	42.36 0.27 0.00	46.71 0.28 0.00	48.45 0.17 0.00	57.92 0.66 0.00	72.12 1.53 0.00	45.60 0.92 0.00	42.04 1.27 0.00	34.84 1.23 0.00	29.33 1.07 0.00
LOWER___HUDSON 24059	19.83 0.38 0.00	23.16 0.67 0.00	25.63 0.72 0.00	30.93 0.86 0.00	26.66 0.75 0.00	24.62 0.74 0.00	30.58 0.84 0.00	37.04 0.83 0.00	36.47 0.91 0.00	37.80 1.00 0.00	41.76 1.05 0.00	42.57 1.17 0.00	40.65 1.22 0.00	45.12 0.92 0.00	44.17 0.93 0.00	43.00 0.91 0.00	47.54 1.11 0.00	49.22 0.94 0.00	58.26 1.00 0.00	71.57 0.98 0.00	45.30 0.62 0.00	41.34 0.56 0.00	34.06 0.44 0.00	28.52 0.25 0.00
LOWVILLE_115KV_TB2 356335	19.53 0.07 0.00	22.43 -0.05 0.00	24.88 -0.03 0.00	30.17 0.10 0.00	26.03 0.12 0.00	24.21 0.33 0.00	30.24 0.50 0.00	37.03 0.82 0.00	36.41 0.85 0.00	37.38 0.59 0.00	41.16 0.45 0.00	42.16 0.77 0.00	40.51 1.08 0.00	45.45 1.24 0.00	44.15 0.91 0.00	43.10 1.01 0.00	47.74 1.32 0.00	50.24 1.96 0.00	59.58 2.32 0.00	73.54 2.95 0.00	46.43 1.75 0.00	42.40 1.63 0.00	35.08 1.46 0.00	29.35 1.09 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.05 0.59 0.00	23.39 0.90 0.00	25.89 0.98 0.00	31.26 1.19 0.00	26.94 1.03 0.00	24.87 0.99 0.00	30.93 1.19 0.00	37.56 1.36 0.00	36.99 1.44 0.00	38.37 1.57 0.00	42.40 1.68 0.00	43.18 1.79 0.00	41.22 1.79 0.00	45.82 1.62 0.00	44.84 1.61 0.00	43.72 1.63 0.00	48.35 1.93 0.00	50.16 1.89 0.00	59.39 2.13 0.00	72.91 2.32 0.00	46.11 1.43 0.00	42.06 1.29 0.00	34.61 0.99 0.00	28.98 0.71 0.00

LUTHERNY_35_KV_BK2 355980	20.06 0.60 0.00	23.39 0.91 0.00	25.90 0.99 0.00	31.27 1.20 0.00	26.94 1.03 0.00	24.89 1.00 0.00	30.96 1.21 0.00	37.59 1.39 0.00	37.03 1.46 0.00	38.39 1.59 0.00	42.43 1.72 0.00	43.20 1.81 0.00	41.23 1.80 0.00	45.85 1.65 0.00	44.86 1.62 0.00	43.75 1.65 0.00	48.38 1.96 0.00	50.26 1.99 0.00	59.44 2.18 0.00	72.96 2.37 0.00	46.16 1.48 0.00	42.11 1.34 0.00	34.64 1.02 0.00	29.00 0.73 0.00
LWR___OSWEGATCHIE_HYD 23850	19.69 0.24 0.00	21.80 -0.69 0.00	24.04 -0.88 0.00	29.13 -0.93 0.00	25.22 -0.69 0.00	23.47 -0.41 0.00	29.19 -0.55 0.00	35.64 -0.56 0.00	34.91 -0.65 0.00	35.68 -1.11 0.00	39.46 -1.26 0.00	41.35 -0.05 0.00	39.95 0.52 0.00	44.86 0.66 0.00	43.63 0.39 0.00	42.64 0.55 0.00	47.14 0.71 0.00	49.27 1.00 0.00	58.70 1.44 0.00	72.81 2.23 0.00	45.96 1.29 0.00	42.23 1.46 0.00	34.96 1.34 0.00	29.34 1.07 0.00
LYONS_FALL_HYD 23570	19.61 0.16 0.00	22.60 0.11 0.00	25.05 0.14 0.00	30.34 0.28 0.00	26.17 0.26 0.00	24.27 0.39 0.00	30.31 0.57 0.00	37.06 0.86 0.00	36.46 0.90 0.00	37.54 0.74 0.00	41.40 0.68 0.00	42.33 0.93 0.00	40.51 1.08 0.00	45.43 1.23 0.00	44.26 1.03 0.00	43.18 1.09 0.00	47.78 1.35 0.00	50.08 1.81 0.00	59.36 2.10 0.00	73.17 2.59 0.00	46.22 1.55 0.00	42.17 1.39 0.00	34.83 1.21 0.00	29.17 0.90 0.00
MADISON___COUNTY_LFGE 323628	19.73 0.27 0.00	22.84 0.36 0.00	25.34 0.42 0.00	30.64 0.58 0.00	26.44 0.53 0.00	24.45 0.56 0.00	30.53 0.78 0.00	37.31 1.11 0.00	36.71 1.15 0.00	37.94 1.15 0.00	41.93 1.21 0.00	42.75 1.35 0.00	40.66 1.23 0.00	45.60 1.40 0.00	44.59 1.36 0.00	43.45 1.36 0.00	48.01 1.59 0.00	50.12 1.85 0.00	59.30 2.04 0.00	72.86 2.27 0.00	46.03 1.35 0.00	41.92 1.15 0.00	34.53 0.91 0.00	29.00 0.73 0.00
MALONE___115KV_TB1 356076	19.84 0.39 0.00	21.05 -1.44 0.00	22.95 -1.97 0.00	27.74 -2.33 0.00	24.12 -1.79 0.00	22.42 -1.47 0.00	27.66 -2.09 0.00	33.51 -2.70 0.00	32.68 -2.88 0.00	33.21 -3.58 0.00	37.04 -3.68 0.00	35.58 -1.01 4.80	39.30 -0.14 0.00	44.24 0.03 0.00	43.28 0.04 0.00	42.23 0.14 0.00	46.42 -0.01 0.00	48.11 -0.16 0.00	57.63 0.37 0.00	71.93 1.34 0.00	45.43 0.75 0.00	41.75 0.97 0.00	34.62 1.00 0.00	29.19 0.92 0.00
MAPLEWOD_115KV_TB3 80458	19.77 0.32 0.00	23.09 0.60 0.00	25.56 0.65 0.00	30.82 0.75 0.00	26.58 0.67 0.00	24.53 0.64 0.00	30.48 0.74 0.00	36.89 0.69 0.00	36.29 0.74 0.00	37.59 0.80 0.00	41.52 0.81 0.00	42.33 0.93 0.00	40.42 0.99 0.00	44.88 0.68 0.00	43.94 0.71 0.00	42.75 0.66 0.00	47.22 0.80 0.00	48.93 0.65 0.00	57.93 0.67 0.00	71.10 0.52 0.00	45.02 0.34 0.00	41.09 0.32 0.00	33.87 0.25 0.00	28.40 0.13 0.00
MAPLE_RIDGE_WT_1 323574	19.24 -0.21 0.00	21.65 -0.84 0.00	23.86 -1.05 0.00	28.83 -1.23 0.00	24.83 -1.08 0.00	22.96 -0.92 0.00	28.53 -1.22 0.00	34.67 -1.53 0.00	33.98 -1.58 0.00	34.90 -1.90 0.00	38.72 -2.00 0.00	40.48 -0.91 0.00	39.09 -0.34 0.00	43.86 -0.34 0.00	42.89 -0.34 0.00	41.57 -0.52 0.00	45.94 -0.49 0.00	47.94 -0.33 0.00	57.08 -0.18 0.00	70.51 -0.08 0.00	44.57 -0.11 0.00	40.79 0.01 0.00	33.69 0.07 0.00	28.35 0.08 0.00
MAPLE_RIDGE_WT_2 323611	19.24 -0.21 0.00	21.65 -0.84 0.00	23.86 -1.05 0.00	28.83 -1.23 0.00	24.83 -1.08 0.00	22.96 -0.92 0.00	28.53 -1.22 0.00	34.67 -1.53 0.00	33.98 -1.58 0.00	34.90 -1.90 0.00	38.72 -2.00 0.00	40.48 -0.91 0.00	39.09 -0.34 0.00	43.86 -0.34 0.00	42.89 -0.34 0.00	41.57 -0.52 0.00	45.94 -0.49 0.00	47.94 -0.33 0.00	57.08 -0.18 0.00	70.51 -0.08 0.00	44.57 -0.11 0.00	40.79 0.01 0.00	33.69 0.07 0.00	28.35 0.08 0.00
MARBLE_RIVER_WT_PWR 323696	19.73 0.27 0.00	20.90 -1.59 0.00	22.62 -2.30 0.00	27.28 -2.79 0.00	23.76 -2.15 0.00	21.97 -1.92 0.00	26.74 -3.00 0.00	32.30 -3.91 0.00	31.46 -4.10 0.00	31.88 -4.91 0.00	35.44 -5.28 0.00	33.99 -2.61 4.80	38.07 -1.36 0.00	42.19 -2.01 0.00	41.34 -1.90 0.00	40.32 -1.77 0.00	44.21 -2.21 0.00	46.06 -2.21 0.00	55.31 -1.96 0.00	69.27 -1.31 0.00	43.67 -1.01 0.00	40.54 -0.23 0.00	34.12 0.50 0.00	28.90 0.63 0.00
MARSHVLE_115KV_TB1 80742	19.50 0.04 0.00	22.47 -0.02 0.00	24.90 -0.02 0.00	30.09 0.02 0.00	25.91 0.00 0.00	23.91 0.03 0.00	29.97 0.22 0.00	36.66 0.45 0.00	35.98 0.42 0.00	37.21 0.42 0.00	41.29 0.57 0.00	41.98 0.58 0.00	39.92 0.48 0.00	44.83 0.63 0.00	43.90 0.66 0.00	42.89 0.80 0.00	47.25 0.82 0.00	49.27 1.00 0.00	58.33 1.07 0.00	72.14 1.55 0.00	45.59 0.91 0.00	41.60 0.83 0.00	34.23 0.61 0.00	28.75 0.48 0.00
MARSH_HILL_WT_PWR 323713	19.23 -0.23 0.00	22.45 -0.03 0.00	24.71 -0.20 0.00	29.84 -0.22 0.00	25.94 0.03 0.00	23.85 -0.03 0.00	29.47 -0.28 0.00	35.74 -0.46 0.00	34.71 -0.85 0.00	36.07 -0.73 0.00	39.95 -0.77 0.00	40.86 -0.53 0.00	38.92 -0.51 0.00	43.75 -0.45 0.00	42.80 -0.44 0.00	41.51 -0.58 0.00	45.73 -0.69 0.00	47.93 -0.35 0.00	56.58 -0.69 0.00	69.40 -1.19 0.00	44.39 -0.29 0.00	40.58 -0.20 0.00	33.77 0.15 0.00	28.91 0.64 0.00
MCINTYRE_115KV_TB2 80467	20.17 0.71 0.00	21.37 -1.12 0.00	23.36 -1.55 0.00	28.27 -1.80 0.00	24.60 -1.31 0.00	22.90 -0.99 0.00	28.34 -1.40 0.00	34.38 -1.82 0.00	33.48 -2.07 0.00	33.90 -2.89 0.00	37.67 -3.05 0.00	40.84 -0.56 0.00	39.74 0.31 0.00	45.04 0.84 0.00	43.85 0.61 0.00	42.76 0.67 0.00	47.27 0.84 0.00	49.41 1.13 0.00	59.23 1.97 0.00	73.87 3.28 0.00	46.66 1.98 0.00	42.73 1.95 0.00	35.29 1.67 0.00	29.73 1.46 0.00
MECO_____69_KV_BK1 80468	19.95 0.49 0.00	23.07 0.58 0.00	25.57 0.66 0.00	30.89 0.82 0.00	26.62 0.71 0.00	24.59 0.71 0.00	30.77 1.02 0.00	37.64 1.44 0.00	36.99 1.43 0.00	38.23 1.44 0.00	42.41 1.70 0.00	43.09 1.70 0.00	40.89 1.46 0.00	45.84 1.64 0.00	44.93 1.69 0.00	43.92 1.82 0.00	48.56 2.14 0.00	50.63 2.35 0.00	59.88 2.61 0.00	73.95 3.37 0.00	46.71 2.03 0.00	42.51 1.74 0.00	34.90 1.28 0.00	29.27 1.00 0.00
MENANDS___115KV_TB5 355628	19.67 0.22 0.00	22.99 0.50 0.00	25.45 0.54 0.00	30.67 0.60 0.00	26.46 0.55 0.00	24.41 0.52 0.00	30.32 0.58 0.00	36.67 0.47 0.00	36.07 0.51 0.00	37.34 0.55 0.00	41.22 0.51 0.00	42.01 0.62 0.00	40.13 0.70 0.00	44.53 0.33 0.00	43.62 0.38 0.00	42.43 0.34 0.00	46.86 0.43 0.00	48.51 0.23 0.00	57.45 0.19 0.00	70.53 -0.06 0.00	44.66 -0.02 0.00	40.77 0.00 0.00	33.61 -0.01 0.00	28.20 -0.06 0.00
MG INDUSTRY___DRP 24185	19.71 0.26 0.00	23.01 0.52 0.00	25.51 0.60 0.00	30.77 0.70 0.00	26.52 0.60 0.00	24.43 0.54 0.00	30.34 0.59 0.00	36.69 0.48 0.00	35.96 0.40 0.00	36.75 -0.04 0.00	40.31 -0.40 0.00	41.06 -0.34 0.00	39.17 -0.26 0.00	43.55 -0.65 0.00	42.65 -0.58 0.00	41.50 -0.59 0.00	45.85 -0.58 0.00	47.51 -0.77 0.00	56.25 -1.02 0.00	69.04 -1.54 0.00	43.73 -0.95 0.00	39.96 -0.82 0.00	32.97 -0.65 0.00	27.66 -0.61 0.00

MID___OSWEGATCHIE_HYD 23849	19.69 0.24 0.00	21.80 -0.69 0.00	24.04 -0.88 0.00	29.13 -0.93 0.00	25.22 -0.69 0.00	23.47 -0.41 0.00	29.19 -0.55 0.00	35.64 -0.56 0.00	34.91 -0.65 0.00	35.68 -1.11 0.00	39.46 -1.26 0.00	41.35 -0.05 0.00	39.95 0.52 0.00	44.86 0.66 0.00	43.63 0.39 0.00	42.64 0.55 0.00	47.14 0.71 0.00	49.27 1.00 0.00	58.70 1.44 0.00	72.81 2.23 0.00	45.96 1.29 0.00	42.23 1.46 0.00	34.96 1.34 0.00	29.34 1.07 0.00
MID___RAQUETTE_HYD 23851	19.86 0.41 0.00	21.29 -1.20 0.00	23.31 -1.60 0.00	28.21 -1.86 0.00	24.51 -1.40 0.00	22.80 -1.08 0.00	28.23 -1.52 0.00	34.29 -1.92 0.00	33.45 -2.11 0.00	34.03 -2.77 0.00	37.81 -2.91 0.00	40.60 -0.79 0.00	39.47 0.04 0.00	44.54 0.34 0.00	43.41 0.17 0.00	42.36 0.27 0.00	46.71 0.28 0.00	48.45 0.17 0.00	57.92 0.66 0.00	72.12 1.53 0.00	45.60 0.92 0.00	42.04 1.27 0.00	34.84 1.23 0.00	29.33 1.06 0.00
MILLIKEN___1 23584	19.67 0.21 0.00	22.87 0.39 0.00	25.34 0.43 0.00	30.60 0.53 0.00	26.38 0.46 0.00	24.35 0.46 0.00	30.39 0.65 0.00	37.12 0.92 0.00	36.41 0.85 0.00	37.68 0.89 0.00	41.73 1.01 0.00	42.43 1.03 0.00	40.40 0.97 0.00	45.16 0.96 0.00	44.13 0.90 0.00	43.11 1.02 0.00	47.51 1.09 0.00	49.57 1.30 0.00	58.85 1.59 0.00	72.31 1.73 0.00	45.72 1.04 0.00	41.59 0.82 0.00	34.26 0.64 0.00	28.85 0.58 0.00
MILLIKEN___2 23585	19.67 0.21 0.00	22.87 0.39 0.00	25.34 0.43 0.00	30.60 0.53 0.00	26.38 0.46 0.00	24.35 0.46 0.00	30.39 0.65 0.00	37.12 0.92 0.00	36.41 0.85 0.00	37.68 0.89 0.00	41.73 1.01 0.00	42.43 1.03 0.00	40.40 0.97 0.00	45.16 0.96 0.00	44.13 0.90 0.00	43.11 1.02 0.00	47.51 1.09 0.00	49.57 1.30 0.00	58.85 1.59 0.00	72.31 1.73 0.00	45.72 1.04 0.00	41.59 0.82 0.00	34.26 0.64 0.00	28.85 0.58 0.00
MILLIKEN___DIESEL 23629	19.67 0.21 0.00	22.87 0.39 0.00	25.34 0.43 0.00	30.60 0.53 0.00	26.38 0.46 0.00	24.35 0.46 0.00	30.39 0.65 0.00	37.12 0.92 0.00	36.41 0.85 0.00	37.68 0.89 0.00	41.73 1.01 0.00	42.43 1.03 0.00	40.40 0.97 0.00	45.16 0.96 0.00	44.13 0.90 0.00	43.11 1.02 0.00	47.51 1.09 0.00	49.57 1.30 0.00	58.85 1.59 0.00	72.31 1.73 0.00	45.72 1.04 0.00	41.59 0.82 0.00	34.26 0.64 0.00	28.85 0.58 0.00
MILLSEAT___LFGE 323607	19.55 0.09 0.00	22.79 0.31 0.00	25.18 0.27 0.00	30.42 0.36 0.00	26.34 0.43 0.00	24.20 0.31 0.00	29.76 0.02 0.00	35.88 -0.32 0.00	35.03 -0.52 0.00	36.18 -0.62 0.00	40.32 -0.40 0.00	41.46 0.06 0.00	39.63 0.20 0.00	44.44 0.24 0.00	43.47 0.23 0.00	42.25 0.16 0.00	46.11 -0.31 0.00	47.99 -0.28 0.00	56.58 -0.68 0.00	69.42 -1.17 0.00	44.18 -0.50 0.00	40.09 -0.68 0.00	33.35 -0.26 0.00	28.99 0.72 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.13 0.67 0.00	23.46 0.98 0.00	25.92 1.01 0.00	31.28 1.21 0.00	26.99 1.08 0.00	24.93 1.05 0.00	31.13 1.38 0.00	37.77 1.57 0.00	37.06 1.50 0.00	38.36 1.56 0.00	42.42 1.71 0.00	43.36 1.96 0.00	41.31 1.88 0.00	45.69 1.49 0.00	44.67 1.43 0.00	43.60 1.50 0.00	48.20 1.78 0.00	50.11 1.83 0.00	59.36 2.09 0.00	72.58 2.00 0.00	45.85 1.17 0.00	41.92 1.15 0.00	34.59 0.97 0.00	29.00 0.73 0.00
MILLWOOD_13_KV_LOAD 356217	20.17 0.71 0.00	23.50 1.01 0.00	25.97 1.05 0.00	31.34 1.28 0.00	27.03 1.12 0.00	24.98 1.09 0.00	31.19 1.44 0.00	37.84 1.64 0.00	37.15 1.59 0.00	38.45 1.66 0.00	42.53 1.81 0.00	43.47 2.07 0.00	41.40 1.97 0.00	45.79 1.59 0.00	44.78 1.54 0.00	43.70 1.61 0.00	48.32 1.90 0.00	50.23 1.95 0.00	59.51 2.25 0.00	72.77 2.18 0.00	45.97 1.29 0.00	42.01 1.24 0.00	34.66 1.04 0.00	29.05 0.78 0.00
MODEL_CITY_ENERGY 24167	19.14 -0.32 0.00	22.34 -0.15 0.00	24.68 -0.23 0.00	29.80 -0.26 0.00	25.83 -0.08 0.00	23.68 -0.21 0.00	28.94 -0.81 0.00	34.59 -1.62 0.00	33.79 -1.76 0.00	34.94 -1.85 0.00	38.95 -1.78 0.00	40.11 -1.29 0.00	38.41 -1.02 0.00	43.09 -1.11 0.00	42.18 -1.06 0.00	40.91 -1.18 0.00	44.53 -1.90 0.00	46.23 -2.05 0.00	54.46 -2.80 0.00	66.68 -3.91 0.00	42.59 -2.09 0.00	38.73 -2.04 0.00	32.40 -1.22 0.00	28.34 0.07 0.00
MODERN_LFGE___ 323580	19.14 -0.32 0.00	22.34 -0.15 0.00	24.68 -0.23 0.00	29.80 -0.26 0.00	25.83 -0.08 0.00	23.68 -0.21 0.00	28.94 -0.81 0.00	34.59 -1.62 0.00	33.79 -1.76 0.00	34.94 -1.85 0.00	38.95 -1.78 0.00	40.11 -1.29 0.00	38.41 -1.02 0.00	43.09 -1.11 0.00	42.18 -1.06 0.00	40.91 -1.18 0.00	44.53 -1.90 0.00	46.23 -2.05 0.00	54.46 -2.80 0.00	66.68 -3.91 0.00	42.59 -2.09 0.00	38.73 -2.04 0.00	32.40 -1.22 0.00	28.34 0.07 0.00
MOHAWK_PAPER___DRP 24187	19.77 0.32 0.00	23.09 0.60 0.00	25.56 0.65 0.00	30.82 0.75 0.00	26.58 0.67 0.00	24.53 0.64 0.00	30.48 0.74 0.00	36.89 0.69 0.00	36.29 0.74 0.00	37.59 0.80 0.00	41.52 0.81 0.00	42.33 0.93 0.00	40.42 0.99 0.00	44.88 0.68 0.00	43.94 0.71 0.00	42.75 0.66 0.00	47.22 0.80 0.00	48.93 0.65 0.00	57.93 0.67 0.00	71.10 0.52 0.00	45.02 0.34 0.00	41.09 0.32 0.00	33.87 0.25 0.00	28.40 0.13 0.00
MOHICAN___35_KV_115KV_LD 80490	20.09 0.64 0.00	23.44 0.96 0.00	25.94 1.02 0.00	31.37 1.30 0.00	27.04 1.13 0.00	24.97 1.09 0.00	30.98 1.24 0.00	37.70 1.50 0.00	37.21 1.66 0.00	38.65 1.85 0.00	42.70 1.98 0.00	43.47 2.08 0.00	41.50 2.07 0.00	46.07 1.86 0.00	45.11 1.87 0.00	44.03 1.94 0.00	48.75 2.33 0.00	50.48 2.20 0.00	59.87 2.60 0.00	73.43 2.84 0.00	46.40 1.72 0.00	42.30 1.53 0.00	34.80 1.19 0.00	29.07 0.80 0.00
MONGAUP___HYD 23641	20.33 0.87 0.00	23.65 1.17 0.00	26.14 1.23 0.00	31.54 1.47 0.00	27.20 1.29 0.00	25.13 1.24 0.00	31.42 1.68 0.00	38.22 2.01 0.00	37.50 1.94 0.00	38.78 1.98 0.00	42.84 2.12 0.00	43.72 2.33 0.00	41.64 2.21 0.00	46.13 1.93 0.00	45.16 1.93 0.00	44.11 2.02 0.00	48.81 2.39 0.00	50.90 2.62 0.00	60.45 3.18 0.00	73.97 3.39 0.00	46.72 2.05 0.00	42.64 1.87 0.00	35.09 1.47 0.00	29.39 1.12 0.00
MONTAUK___DIESEL 23721	19.09 -0.36 0.00	22.48 0.00 0.00	25.02 0.11 0.00	30.17 0.10 0.00	26.28 0.37 0.00	24.04 0.16 0.00	29.87 0.12 0.00	36.50 0.30 0.00	36.30 0.74 0.00	37.88 1.08 0.00	42.04 1.32 0.00	42.91 1.52 0.00	41.16 1.70 -0.03	44.98 0.78 0.00	43.84 0.61 0.00	42.16 0.07 0.00	46.51 0.08 0.00	48.34 0.06 0.00	57.16 -0.10 0.00	62.40 -0.97 7.22	43.94 -0.74 0.00	37.54 -0.87 2.36	33.08 -0.54 0.00	28.32 0.06 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.39 -0.06 0.00	22.63 0.14 0.00	25.02 0.11 0.00	30.30 0.24 0.00	26.32 0.41 0.00	24.28 0.39 0.00	30.13 0.39 0.00	36.22 0.01 0.00	35.30 -0.26 0.00	36.61 -0.19 0.00	41.11 0.40 0.00	42.11 0.71 0.00	39.72 0.29 0.00	44.78 0.58 0.00	43.80 0.56 0.00	42.48 0.38 0.00	46.26 -0.17 0.00	48.53 0.25 0.00	57.49 0.22 0.00	70.59 0.01 0.00	44.87 0.19 0.00	40.50 -0.27 0.00	33.79 0.17 0.00	29.26 0.99 0.00

MORRIS_RIDGE___SOLAR 323848	19.12 -0.33 0.00	22.43 -0.05 0.00	24.84 -0.07 0.00	29.99 -0.07 0.00	25.99 0.08 0.00	23.90 0.02 0.00	29.48 -0.27 0.00	35.68 -0.52 0.00	34.77 -0.79 0.00	35.92 -0.87 0.00	39.86 -0.86 0.00	40.91 -0.49 0.00	38.95 -0.48 0.00	43.77 -0.43 0.00	42.78 -0.46 0.00	41.53 -0.56 0.00	45.66 -0.77 0.00	47.65 -0.63 0.00	56.38 -0.88 0.00	69.23 -1.36 0.00	44.07 -0.61 0.00	40.19 -0.58 0.00	33.37 -0.24 0.00	28.71 0.44 0.00
MORTIMER_115KV_TB3 55949	19.40 -0.06 0.00	22.56 0.07 0.00	24.94 0.03 0.00	30.13 0.06 0.00	26.04 0.13 0.00	24.01 0.12 0.00	29.79 0.04 0.00	36.19 -0.02 0.00	35.47 -0.09 0.00	36.71 -0.09 0.00	40.80 0.08 0.00	41.75 0.35 0.00	39.88 0.45 0.00	44.65 0.44 0.00	43.73 0.49 0.00	42.51 0.42 0.00	46.65 0.22 0.00	48.56 0.29 0.00	57.31 0.04 0.00	70.45 -0.13 0.00	44.66 -0.02 0.00	40.54 -0.23 0.00	33.51 -0.11 0.00	28.58 0.31 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.23 0.77 0.00	23.57 1.08 0.00	26.03 1.11 0.00	31.41 1.34 0.00	27.10 1.19 0.00	25.06 1.18 0.00	31.31 1.56 0.00	37.98 1.78 0.00	37.27 1.71 0.00	38.59 1.79 0.00	42.67 1.95 0.00	43.61 2.21 0.00	41.54 2.11 0.00	45.89 1.69 0.00	44.87 1.63 0.00	43.79 1.70 0.00	48.42 1.99 0.00	50.34 2.07 0.00	59.65 2.39 0.00	72.93 2.35 0.00	46.04 1.36 0.00	42.12 1.35 0.00	34.79 1.17 0.00	29.16 0.89 0.00
MUNSVILLE_WIND_PWR 323609	19.89 0.44 0.00	23.41 0.93 0.00	25.87 0.95 0.00	31.22 1.15 0.00	27.02 1.11 0.00	24.98 1.09 0.00	31.28 1.54 0.00	38.15 1.94 0.00	37.26 1.70 0.00	38.43 1.63 0.00	42.81 2.09 0.00	43.60 2.20 0.00	41.59 2.16 0.00	46.70 2.50 0.00	45.76 2.52 0.00	44.71 2.62 0.00	49.44 3.01 0.00	51.65 3.38 0.00	61.74 4.48 0.00	75.95 5.36 0.00	48.03 3.35 0.00	43.64 2.86 0.00	35.85 2.23 0.00	30.24 1.97 0.00
N SALMON___HYD 24042	19.84 0.39 0.00	21.04 -1.45 0.00	22.95 -1.97 0.00	27.74 -2.33 0.00	24.12 -1.79 0.00	22.42 -1.47 0.00	27.66 -2.09 0.00	33.51 -2.70 0.00	32.68 -2.88 0.00	33.21 -3.58 0.00	37.04 -3.68 0.00	35.58 -1.01 0.00	39.30 -0.13 0.00	44.24 0.03 0.00	43.28 0.04 0.00	42.23 0.14 0.00	46.42 -0.01 0.00	48.11 -0.16 0.00	57.63 0.37 0.00	71.92 1.34 0.00	45.43 0.75 0.00	41.75 0.97 0.00	34.62 1.00 0.00	29.19 0.92 0.00
N.AKRON___115KV_KNAPP 355671	19.48 0.02 0.00	22.73 0.25 0.00	25.11 0.20 0.00	30.33 0.26 0.00	26.27 0.36 0.00	24.11 0.23 0.00	29.60 -0.15 0.00	35.59 -0.62 0.00	34.76 -0.79 0.00	35.90 -0.89 0.00	40.00 -0.72 0.00	41.16 -0.24 0.00	39.39 -0.04 0.00	44.15 -0.05 0.00	43.19 -0.05 0.00	41.95 -0.14 0.00	45.75 -0.68 0.00	47.59 -0.69 0.00	56.12 -1.15 0.00	68.80 -1.79 0.00	43.84 -0.84 0.00	39.80 -0.97 0.00	33.17 -0.45 0.00	28.90 0.63 0.00
N.E_GEN_SANDY PD 24062	19.84 0.38 0.00	24.82 0.73 -1.59	25.65 0.76 0.03	30.97 0.90 0.00	26.65 0.78 0.04	24.97 0.78 -0.30	30.84 0.90 -0.19	36.10 0.83 0.93	36.93 0.88 -0.49	37.76 0.96 0.00	41.73 1.01 0.00	42.60 1.20 0.00	39.07 1.25 1.61	45.04 0.84 0.00	44.05 0.82 0.00	42.87 0.77 0.00	47.40 0.98 0.00	49.05 0.78 0.00	58.06 0.80 0.00	71.23 0.64 0.00	45.09 0.41 0.00	41.19 0.42 0.00	33.97 0.35 0.00	30.19 0.15 -1.77
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.16 0.70 0.00	23.48 0.99 0.00	25.93 1.02 0.00	31.29 1.22 0.00	26.99 1.08 0.00	24.94 1.06 0.00	31.16 1.42 0.00	37.84 1.64 0.00	37.10 1.54 0.00	38.39 1.60 0.00	42.45 1.73 0.00	43.39 1.99 0.00	41.32 1.89 0.00	45.74 1.54 0.00	44.72 1.48 0.00	43.67 1.58 0.00	48.32 1.90 0.00	50.22 1.95 0.00	59.51 2.24 0.00	72.74 2.15 0.00	45.94 1.26 0.00	42.00 1.23 0.00	34.63 1.01 0.00	29.03 0.76 0.00
N.QUEENS_27_KV_LOAD 356247	20.27 0.82 0.00	23.61 1.12 0.00	26.06 1.15 0.00	31.22 1.15 0.00	26.89 0.98 0.00	24.94 1.06 0.00	31.17 1.43 0.00	37.88 1.68 0.00	37.25 1.69 0.00	38.58 1.78 0.00	42.66 1.94 0.00	43.59 2.20 0.00	41.55 2.12 0.00	45.85 1.65 0.00	44.83 1.60 0.00	43.76 1.66 0.00	48.36 1.94 0.00	50.34 2.07 0.00	59.64 2.37 0.00	72.94 2.36 0.00	46.04 1.36 0.00	42.12 1.35 0.00	34.79 1.17 0.00	29.13 0.86 0.00
N.TROY___115KV_TB1 355778	19.83 0.38 0.00	23.16 0.67 0.00	25.63 0.72 0.00	30.93 0.86 0.00	26.66 0.75 0.00	24.62 0.74 0.00	30.58 0.84 0.00	37.04 0.83 0.00	36.47 0.91 0.00	37.80 1.00 0.00	41.76 1.05 0.00	42.57 1.17 0.00	40.65 1.22 0.00	45.12 0.92 0.00	44.17 0.93 0.00	43.00 0.91 0.00	47.54 1.11 0.00	49.22 0.94 0.00	58.27 1.00 0.00	71.57 0.98 0.00	45.30 0.62 0.00	41.34 0.56 0.00	34.06 0.44 0.00	28.52 0.25 0.00
NARROWS_GT1_1 24228	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NARROWS_GT1_2 24229	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NARROWS_GT1_3 24230	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NARROWS_GT1_4 24231	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NARROWS_GT1_5 24232	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00

NARROWS_GT1_6 24233	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NARROWS_GT1_7 24234	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NARROWS_GT1_8 24235	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NARROWS_GT2_1 24236	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NARROWS_GT2_2 24237	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NARROWS_GT2_3 24238	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NARROWS_GT2_4 24239	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NARROWS_GT2_5 24240	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NARROWS_GT2_6 24241	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NARROWS_GT2_7 24242	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NARROWS_GT2_8 24243	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.88 0.43 0.00	23.20 0.72 0.00	25.71 0.80 0.00	30.99 0.93 0.00	26.75 0.84 0.00	24.99 1.10 0.00	31.11 1.36 0.00	37.71 1.51 0.00	37.08 1.52 0.00	38.32 1.53 0.00	41.56 0.84 0.00	42.22 0.83 0.00	40.34 0.91 0.00	44.89 0.69 0.00	43.97 0.73 0.00	42.76 0.67 0.00	47.26 0.83 0.00	48.99 0.72 0.00	58.02 0.76 0.00	71.18 0.60 0.00	45.02 0.34 0.00	41.02 0.25 0.00	33.77 0.15 0.00	28.36 0.10 0.00
NCHELSEA_115KV_TR2 355582	20.28 0.82 0.00	23.62 1.14 0.00	26.12 1.21 0.00	31.51 1.45 0.00	27.17 1.26 0.00	25.08 1.20 0.00	31.32 1.57 0.00	38.02 1.82 0.00	37.34 1.79 0.00	38.69 1.89 0.00	42.83 2.11 0.00	43.77 2.37 0.00	41.72 2.29 0.00	46.18 1.98 0.00	45.15 1.91 0.00	44.05 1.96 0.00	48.70 2.27 0.00	50.63 2.35 0.00	59.98 2.71 0.00	73.38 2.79 0.00	46.36 1.68 0.00	42.34 1.57 0.00	34.89 1.27 0.00	29.23 0.96 0.00
NEG CAPITAL___MECHNVIL 23645	20.08 0.62 0.00	23.42 0.93 0.00	25.92 1.01 0.00	31.30 1.23 0.00	26.97 1.06 0.00	24.91 1.02 0.00	30.98 1.23 0.00	37.62 1.41 0.00	37.06 1.50 0.00	38.42 1.62 0.00	42.47 1.76 0.00	43.27 1.87 0.00	41.30 1.87 0.00	45.90 1.69 0.00	44.94 1.70 0.00	43.79 1.69 0.00	48.43 2.01 0.00	50.22 1.94 0.00	59.47 2.21 0.00	72.99 2.41 0.00	46.18 1.50 0.00	42.09 1.32 0.00	34.64 1.02 0.00	28.99 0.73 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.05 -0.41 0.00	22.14 -0.35 0.00	24.49 -0.42 0.00	29.58 -0.48 0.00	25.56 -0.35 0.00	23.58 -0.30 0.00	29.29 -0.46 0.00	35.50 -0.71 0.00	34.93 -0.63 0.00	36.18 -0.62 0.00	40.20 -0.52 0.00	41.07 -0.32 0.00	39.19 -0.24 0.00	43.90 -0.31 0.00	42.97 -0.27 0.00	41.80 -0.29 0.00	45.92 -0.50 0.00	47.82 -0.46 0.00	56.48 -0.78 0.00	69.44 -1.15 0.00	43.98 -0.70 0.00	39.92 -0.85 0.00	32.95 -0.67 0.00	28.00 -0.27 0.00

NEG CENTRAL___DRP 24199	19.49 0.04 0.00	22.68 0.20 0.00	25.11 0.20 0.00	30.32 0.25 0.00	26.16 0.25 0.00	24.17 0.28 0.00	30.13 0.38 0.00	36.78 0.57 0.00	36.05 0.49 0.00	37.33 0.54 0.00	41.39 0.67 0.00	42.16 0.77 0.00	40.11 0.69 0.00	44.87 0.67 0.00	43.86 0.63 0.00	42.75 0.66 0.00	47.08 0.65 0.00	49.15 0.87 0.00	58.23 0.97 0.00	71.53 0.94 0.00	45.23 0.55 0.00	41.13 0.36 0.00	33.90 0.28 0.00	28.63 0.36 0.00
NEG CENTRAL___INDECK 23768	19.85 0.40 0.00	23.16 0.67 0.00	25.59 0.67 0.00	30.90 0.83 0.00	26.76 0.85 0.00	24.68 0.80 0.00	30.66 0.91 0.00	37.39 1.19 0.00	36.48 0.92 0.00	37.74 0.94 0.00	41.79 1.07 0.00	42.79 1.40 0.00	40.78 1.35 0.00	45.72 1.51 0.00	44.73 1.50 0.00	43.56 1.46 0.00	47.89 1.46 0.00	50.10 1.83 0.00	59.22 1.96 0.00	72.83 2.24 0.00	46.24 1.57 0.00	41.99 1.22 0.00	34.71 1.09 0.00	29.65 1.39 0.00
NEG CENTRAL___SENECA 23627	19.55 0.10 0.00	22.78 0.29 0.00	25.20 0.28 0.00	30.43 0.36 0.00	26.29 0.38 0.00	24.27 0.39 0.00	30.25 0.50 0.00	36.91 0.71 0.00	36.17 0.61 0.00	37.46 0.67 0.00	41.55 0.83 0.00	42.36 0.96 0.00	40.28 0.85 0.00	45.10 0.90 0.00	44.07 0.83 0.00	42.90 0.80 0.00	47.25 0.82 0.00	49.38 1.11 0.00	58.46 1.20 0.00	71.80 1.21 0.00	45.41 0.73 0.00	41.27 0.50 0.00	34.04 0.42 0.00	28.84 0.57 0.00
NEG CENTRAL___STATE_STREET 24147	19.52 0.07 0.00	22.70 0.21 0.00	25.15 0.24 0.00	30.37 0.30 0.00	26.12 0.21 0.00	24.16 0.27 0.00	30.13 0.39 0.00	36.80 0.60 0.00	36.08 0.52 0.00	37.38 0.58 0.00	41.42 0.70 0.00	42.00 0.60 0.00	40.06 0.63 0.00	44.67 0.47 0.00	43.69 0.45 0.00	42.78 0.69 0.00	47.02 0.60 0.00	49.02 0.74 0.00	58.24 0.98 0.00	71.58 0.99 0.00	45.26 0.58 0.00	41.19 0.42 0.00	33.93 0.32 0.00	28.49 0.22 0.00
NEG MILLWOOD___DRP 24198	20.27 0.82 0.00	23.62 1.14 0.00	26.12 1.20 0.00	31.51 1.45 0.00	27.18 1.27 0.00	25.09 1.21 0.00	31.34 1.60 0.00	38.05 1.84 0.00	37.37 1.81 0.00	38.72 1.93 0.00	42.87 2.16 0.00	43.81 2.41 0.00	41.77 2.34 0.00	46.22 2.01 0.00	45.19 1.95 0.00	44.07 1.98 0.00	48.72 2.30 0.00	50.66 2.39 0.00	60.01 2.75 0.00	73.41 2.82 0.00	46.38 1.70 0.00	42.37 1.60 0.00	34.91 1.29 0.00	29.23 0.96 0.00
NEG NORTH_FLCN_SEA 23793	19.86 0.40 0.00	21.05 -1.44 0.00	22.77 -2.14 0.00	27.44 -2.63 0.00	23.89 -2.02 0.00	22.08 -1.81 0.00	26.84 -2.91 0.00	32.21 -3.99 0.00	31.26 -4.30 0.00	31.67 -5.12 0.00	35.21 -5.51 0.00	33.74 -2.85 4.80	37.85 -1.58 0.00	42.11 -2.09 0.00	41.32 -1.92 0.00	40.31 -1.79 0.00	44.25 -2.18 0.00	46.07 -2.21 0.00	55.23 -2.03 0.00	69.03 -1.56 0.00	43.59 -1.09 0.00	40.48 -0.29 0.00	34.13 0.52 0.00	28.90 0.63 0.00
NEG NORTH_KES_CHATEGAY 23792	19.60 0.14 0.00	20.69 -1.80 0.00	22.51 -2.41 0.00	27.21 -2.85 0.00	23.65 -2.26 0.00	21.96 -1.93 0.00	27.07 -2.68 0.00	32.73 -3.48 0.00	31.86 -3.70 0.00	32.30 -4.49 0.00	36.03 -4.69 0.00	34.70 -1.90 4.80	38.65 -0.78 0.00	43.50 -0.71 0.00	42.54 -0.69 0.00	41.43 -0.67 0.00	45.52 -0.90 0.00	47.33 -0.95 0.00	56.63 -0.63 0.00	70.63 0.05 0.00	44.62 -0.05 0.00	41.00 0.23 0.00	34.07 0.45 0.00	28.76 0.49 0.00
NEG NORTH___ALICE_FALLS 23915	19.88 0.42 0.00	21.06 -1.43 0.00	22.83 -2.08 0.00	27.55 -2.52 0.00	24.00 -1.91 0.00	22.23 -1.65 0.00	27.18 -2.57 0.00	32.73 -3.47 0.00	31.81 -3.75 0.00	32.25 -4.54 0.00	35.86 -4.86 0.00	34.41 -2.18 4.80	38.41 -1.02 0.00	42.84 -1.36 0.00	42.04 -1.20 0.00	41.03 -1.06 0.00	45.09 -1.34 0.00	47.00 -1.28 0.00	56.37 -0.89 0.00	70.44 -0.15 0.00	44.46 -0.22 0.00	41.05 0.28 0.00	34.36 0.74 0.00	29.04 0.77 0.00
NEG NORTH___LWR_SARANAC 23913	19.88 0.42 0.00	21.06 -1.43 0.00	22.83 -2.08 0.00	27.55 -2.52 0.00	24.00 -1.91 0.00	22.23 -1.65 0.00	27.18 -2.57 0.00	32.73 -3.47 0.00	31.81 -3.75 0.00	32.25 -4.54 0.00	35.86 -4.86 0.00	34.41 -2.18 4.80	38.41 -1.02 0.00	42.84 -1.36 0.00	42.04 -1.20 0.00	41.03 -1.06 0.00	45.09 -1.34 0.00	47.00 -1.28 0.00	56.37 -0.89 0.00	70.44 -0.15 0.00	44.46 -0.22 0.00	41.05 0.28 0.00	34.36 0.74 0.00	29.04 0.77 0.00
NEG NORTH___PLATTSBURG 23628	19.88 0.42 0.00	21.06 -1.42 0.00	22.83 -2.08 0.00	27.55 -2.52 0.00	24.00 -1.91 0.00	22.23 -1.65 0.00	27.18 -2.57 0.00	32.73 -3.48 0.00	31.81 -3.75 0.00	32.25 -4.54 0.00	35.86 -4.86 0.00	34.41 -2.19 4.80	38.41 -1.02 0.00	42.84 -1.36 0.00	42.04 -1.20 0.00	41.03 -1.06 0.00	45.09 -1.34 0.00	47.00 -1.28 0.00	56.37 -0.90 0.00	70.44 -0.15 0.00	44.46 -0.22 0.00	41.06 0.28 0.00	34.36 0.74 0.00	29.04 0.77 0.00
NEG WEST_LEA_LOCKPORT 23791	19.25 -0.21 0.00	22.48 0.00 0.00	24.84 -0.07 0.00	30.01 -0.06 0.00	25.98 0.07 0.00	23.79 -0.09 0.00	29.11 -0.64 0.00	34.81 -1.40 0.00	34.00 -1.56 0.00	35.16 -1.64 0.00	39.18 -1.54 0.00	40.36 -1.04 0.00	38.64 -0.79 0.00	43.34 -0.86 0.00	42.42 -0.82 0.00	41.15 -0.94 0.00	44.82 -1.61 0.00	46.53 -1.74 0.00	54.86 -2.41 0.00	67.17 -3.41 0.00	42.88 -1.80 0.00	38.96 -1.81 0.00	32.54 -1.08 0.00	28.52 0.25 0.00
NEG WEST___LANCASTR 23811	19.23 -0.23 0.00	22.48 0.00 0.00	24.86 -0.06 0.00	30.04 -0.03 0.00	26.03 0.12 0.00	23.91 0.03 0.00	29.44 -0.31 0.00	35.47 -0.73 0.00	34.67 -0.89 0.00	35.87 -0.93 0.00	39.99 -0.72 0.00	41.06 -0.34 0.00	39.07 -0.36 0.00	43.80 -0.40 0.00	42.61 -0.63 0.00	41.34 -0.75 0.00	45.53 -0.90 0.00	47.39 -0.88 0.00	55.97 -1.29 0.00	68.48 -2.10 0.00	43.56 -1.12 0.00	39.54 -1.23 0.00	32.88 -0.74 0.00	28.49 0.22 0.00
NEG_PENN_ALLEGHNY 23528	19.55 0.10 0.00	22.78 0.30 0.00	25.24 0.33 0.00	30.47 0.40 0.00	26.28 0.37 0.00	24.21 0.33 0.00	30.18 0.44 0.00	36.80 0.60 0.00	36.04 0.48 0.00	37.30 0.50 0.00	41.38 0.67 0.00	42.22 0.82 0.00	40.14 0.71 0.00	44.87 0.66 0.00	43.79 0.55 0.00	42.67 0.58 0.00	47.08 0.66 0.00	49.06 0.78 0.00	58.09 0.83 0.00	71.30 0.71 0.00	45.11 0.43 0.00	41.10 0.33 0.00	33.92 0.30 0.00	28.69 0.42 0.00
NEG___GEN_MONROE 24207	19.53 0.07 0.00	22.76 0.27 0.00	25.18 0.27 0.00	30.42 0.35 0.00	26.32 0.41 0.00	24.26 0.37 0.00	30.06 0.31 0.00	36.44 0.24 0.00	35.65 0.09 0.00	36.87 0.08 0.00	40.99 0.28 0.00	41.96 0.56 0.00	40.07 0.64 0.00	44.90 0.70 0.00	43.98 0.75 0.00	42.74 0.65 0.00	46.86 0.44 0.00	48.82 0.54 0.00	57.62 0.36 0.00	70.84 0.25 0.00	44.91 0.23 0.00	40.76 -0.01 0.00	33.71 0.09 0.00	28.84 0.57 0.00
NEPA___ENERGY 23901	19.24 -0.22 0.00	22.51 0.02 0.00	24.87 -0.04 0.00	30.08 0.01 0.00	26.05 0.14 0.00	23.97 0.09 0.00	29.67 -0.08 0.00	35.90 -0.30 0.00	34.91 -0.65 0.00	36.15 -0.65 0.00	40.44 -0.28 0.00	41.49 0.10 0.00	39.28 -0.15 0.00	44.14 -0.06 0.00	43.09 -0.14 0.00	41.91 -0.18 0.00	45.94 -0.48 0.00	47.96 -0.31 0.00	56.71 -0.55 0.00	69.46 -1.13 0.00	44.05 -0.63 0.00	39.96 -0.81 0.00	33.22 -0.40 0.00	28.70 0.43 0.00

NEVERSINK___HYD 23608	20.04 0.59 0.00	23.31 0.83 0.00	25.79 0.88 0.00	31.11 1.05 0.00	26.81 0.90 0.00	24.73 0.85 0.00	30.94 1.20 0.00	37.64 1.44 0.00	36.97 1.42 0.00	38.33 1.54 0.00	42.43 1.71 0.00	43.33 1.93 0.00	41.06 1.63 0.00	44.39 0.19 0.00	43.42 0.19 0.00	42.38 0.29 0.00	46.92 0.50 0.00	48.83 0.55 0.00	58.10 0.84 0.00	72.96 2.37 0.00	46.09 1.41 0.00	42.07 1.30 0.00	34.63 1.01 0.00	29.01 0.74 0.00
NEWKRMKL_115KV_TB1 55635	19.59 0.13 0.00	22.88 0.39 0.00	25.34 0.43 0.00	30.52 0.45 0.00	26.34 0.43 0.00	24.29 0.41 0.00	30.19 0.44 0.00	36.51 0.30 0.00	35.90 0.34 0.00	37.16 0.36 0.00	41.01 0.29 0.00	41.78 0.38 0.00	39.90 0.47 0.00	44.30 0.10 0.00	43.41 0.17 0.00	42.23 0.14 0.00	46.62 0.20 0.00	48.29 0.02 0.00	57.18 -0.08 0.00	70.19 -0.39 0.00	44.45 -0.23 0.00	40.57 -0.21 0.00	33.46 -0.16 0.00	28.10 -0.17 0.00
NEWTON___FALLS_HYD 23847	19.69 0.24 0.00	21.80 -0.69 0.00	24.04 -0.88 0.00	29.13 -0.93 0.00	25.22 -0.69 0.00	23.47 -0.41 0.00	29.19 -0.55 0.00	35.64 -0.56 0.00	34.91 -0.65 0.00	35.68 -1.11 0.00	39.46 -1.26 0.00	41.35 -0.05 0.00	39.95 0.52 0.00	44.86 0.66 0.00	43.63 0.39 0.00	42.64 0.55 0.00	47.14 0.71 0.00	49.27 1.00 0.00	58.70 1.44 0.00	72.81 2.23 0.00	45.96 1.29 0.00	42.23 1.46 0.00	34.96 1.34 0.00	29.34 1.07 0.00
NGRID_A1_DSASP 323792	19.05 -0.40 0.00	22.31 -0.17 0.00	24.67 -0.24 0.00	29.83 -0.24 0.00	25.82 -0.09 0.00	23.70 -0.18 0.00	29.05 -0.70 0.00	34.58 -1.63 0.00	33.76 -1.80 0.00	34.90 -1.89 0.00	38.94 -1.79 0.00	40.12 -1.28 0.00	38.43 -1.00 0.00	43.14 -1.07 0.00	42.24 -1.00 0.00	40.96 -1.13 0.00	44.54 -1.88 0.00	46.21 -2.06 0.00	54.39 -2.87 0.00	66.54 -4.04 0.00	42.48 -2.20 0.00	38.61 -2.16 0.00	32.23 -1.39 0.00	28.13 -0.14 0.00
NGRID_A2_DSASP 323793	19.05 -0.40 0.00	22.31 -0.17 0.00	24.67 -0.24 0.00	29.83 -0.24 0.00	25.82 -0.09 0.00	23.70 -0.18 0.00	29.05 -0.70 0.00	34.58 -1.63 0.00	33.76 -1.80 0.00	34.90 -1.89 0.00	38.94 -1.79 0.00	40.12 -1.28 0.00	38.43 -1.00 0.00	43.14 -1.07 0.00	42.24 -1.00 0.00	40.96 -1.13 0.00	44.54 -1.88 0.00	46.21 -2.06 0.00	54.39 -2.87 0.00	66.54 -4.04 0.00	42.48 -2.20 0.00	38.61 -2.16 0.00	32.23 -1.39 0.00	28.13 -0.14 0.00
NGRID_A4_DSASP 323807	19.05 -0.40 0.00	22.31 -0.17 0.00	24.67 -0.24 0.00	29.83 -0.24 0.00	25.82 -0.09 0.00	23.70 -0.18 0.00	29.05 -0.70 0.00	34.58 -1.63 0.00	33.76 -1.80 0.00	34.90 -1.89 0.00	38.94 -1.79 0.00	40.12 -1.28 0.00	38.43 -1.00 0.00	43.14 -1.07 0.00	42.24 -1.00 0.00	40.96 -1.13 0.00	44.54 -1.88 0.00	46.21 -2.06 0.00	54.39 -2.87 0.00	66.54 -4.04 0.00	42.48 -2.20 0.00	38.61 -2.16 0.00	32.23 -1.39 0.00	28.13 -0.14 0.00
NIAGARA_115E_LBMP 323715	19.06 -0.39 0.00	22.26 -0.23 0.00	24.58 -0.33 0.00	29.69 -0.37 0.00	25.74 -0.17 0.00	23.60 -0.28 0.00	28.82 -0.93 0.00	34.41 -1.80 0.00	33.63 -1.93 0.00	34.78 -2.02 0.00	38.77 -1.95 0.00	39.93 -1.47 0.00	38.25 -1.18 0.00	42.90 -1.31 0.00	42.00 -1.24 0.00	40.72 -1.38 0.00	44.30 -2.13 0.00	45.98 -2.30 0.00	54.16 -3.11 0.00	66.30 -4.29 0.00	42.38 -2.30 0.00	38.54 -2.23 0.00	32.27 -1.35 0.00	28.23 -0.04 0.00
NIAGARA_115W_LBMP 323714	19.02 -0.44 0.00	22.29 -0.20 0.00	24.64 -0.27 0.00	29.78 -0.28 0.00	25.79 -0.12 0.00	23.67 -0.21 0.00	29.02 -0.73 0.00	34.52 -1.69 0.00	33.69 -1.86 0.00	34.85 -1.95 0.00	38.87 -1.85 0.00	40.05 -1.35 0.00	38.35 -1.08 0.00	43.05 -1.16 0.00	42.16 -1.08 0.00	40.88 -1.21 0.00	44.45 -1.97 0.00	46.12 -2.16 0.00	54.27 -2.99 0.00	66.41 -4.17 0.00	42.41 -2.27 0.00	38.54 -2.23 0.00	32.16 -1.46 0.00	28.08 -0.19 0.00
NIAGARA_230_LBMP 323716	19.11 -0.34 0.00	22.33 -0.15 0.00	24.68 -0.23 0.00	29.84 -0.23 0.00	25.83 -0.07 0.00	23.72 -0.17 0.00	29.08 -0.67 0.00	34.80 -1.40 0.00	34.00 -1.56 0.00	35.17 -1.62 0.00	39.24 -1.48 0.00	40.39 -1.01 0.00	38.66 -0.77 0.00	43.38 -0.82 0.00	42.46 -0.77 0.00	41.17 -0.92 0.00	44.83 -1.59 0.00	46.54 -1.73 0.00	54.77 -2.49 0.00	67.07 -3.52 0.00	42.80 -1.88 0.00	38.86 -1.91 0.00	32.43 -1.18 0.00	28.27 0.00 0.00
NIAGARA___115KV_198_GIBSON 55903	19.02 -0.44 0.00	22.29 -0.20 0.00	24.64 -0.27 0.00	29.78 -0.28 0.00	25.79 -0.12 0.00	23.67 -0.21 0.00	29.02 -0.73 0.00	34.51 -1.69 0.00	33.69 -1.87 0.00	34.85 -1.95 0.00	38.87 -1.85 0.00	40.04 -1.35 0.00	38.36 -1.07 0.00	43.05 -1.16 0.00	42.16 -1.08 0.00	40.88 -1.21 0.00	44.45 -1.97 0.00	46.11 -2.16 0.00	54.27 -3.00 0.00	66.42 -4.17 0.00	42.40 -2.28 0.00	38.54 -2.23 0.00	32.16 -1.45 0.00	28.08 -0.19 0.00
NIAGARA____ 23760	19.11 -0.34 0.00	22.33 -0.15 0.00	24.68 -0.23 0.00	29.84 -0.23 0.00	25.83 -0.07 0.00	23.72 -0.17 0.00	29.08 -0.67 0.00	34.80 -1.40 0.00	34.00 -1.56 0.00	35.17 -1.62 0.00	39.24 -1.48 0.00	40.39 -1.01 0.00	38.66 -0.77 0.00	43.38 -0.82 0.00	42.46 -0.77 0.00	41.17 -0.92 0.00	44.83 -1.59 0.00	46.54 -1.73 0.00	54.77 -2.49 0.00	67.07 -3.52 0.00	42.80 -1.88 0.00	38.86 -1.91 0.00	32.43 -1.18 0.00	28.27 0.00 0.00
NINE_MILE_1 23575	18.87 -0.58 0.00	21.89 -0.59 0.00	24.24 -0.67 0.00	29.26 -0.81 0.00	25.23 -0.68 0.00	23.27 -0.62 0.00	28.99 -0.75 0.00	35.42 -0.79 0.00	34.79 -0.77 0.00	36.00 -0.80 0.00	39.86 -0.86 0.00	40.59 -0.81 0.00	38.69 -0.74 0.00	43.29 -0.92 0.00	42.36 -0.88 0.00	41.26 -0.83 0.00	45.48 -0.94 0.00	47.31 -0.96 0.00	56.06 -1.20 0.00	68.98 -1.60 0.00	43.66 -1.02 0.00	39.79 -0.98 0.00	32.79 -0.83 0.00	27.55 -0.72 0.00
NINE_MILE_2 23744	18.87 -0.58 0.00	21.90 -0.59 0.00	24.24 -0.67 0.00	29.26 -0.81 0.00	25.23 -0.68 0.00	23.27 -0.61 0.00	29.00 -0.75 0.00	35.42 -0.78 0.00	34.79 -0.77 0.00	36.01 -0.79 0.00	39.87 -0.85 0.00	40.59 -0.81 0.00	38.69 -0.74 0.00	43.29 -0.92 0.00	42.36 -0.88 0.00	41.26 -0.83 0.00	45.48 -0.94 0.00	47.32 -0.95 0.00	56.07 -1.19 0.00	68.98 -1.60 0.00	43.66 -1.02 0.00	39.79 -0.98 0.00	32.79 -0.83 0.00	27.55 -0.72 0.00
NM_CAPITAL___DRP 24208	19.63 0.18 0.00	22.94 0.45 0.00	25.40 0.49 0.00	30.60 0.54 0.00	26.40 0.49 0.00	24.36 0.47 0.00	30.25 0.50 0.00	36.58 0.37 0.00	35.98 0.42 0.00	37.24 0.44 0.00	41.12 0.40 0.00	41.89 0.50 0.00	40.01 0.58 0.00	44.41 0.21 0.00	43.50 0.26 0.00	42.31 0.22 0.00	46.73 0.30 0.00	48.39 0.11 0.00	57.28 0.01 0.00	70.32 -0.27 0.00	44.53 -0.15 0.00	40.65 -0.12 0.00	33.53 -0.08 0.00	28.14 -0.13 0.00
NM_CENTRAL___DRP 24181	19.21 -0.24 0.00	22.31 -0.17 0.00	24.71 -0.20 0.00	29.83 -0.24 0.00	25.73 -0.18 0.00	23.74 -0.14 0.00	29.60 -0.15 0.00	36.13 -0.07 0.00	35.48 -0.08 0.00	36.73 -0.07 0.00	40.67 -0.05 0.00	41.42 0.02 0.00	39.47 0.04 0.00	44.14 -0.06 0.00	43.18 -0.05 0.00	42.08 -0.01 0.00	46.41 -0.02 0.00	48.31 0.03 0.00	57.18 -0.08 0.00	70.27 -0.31 0.00	44.47 -0.21 0.00	40.49 -0.28 0.00	33.39 -0.23 0.00	28.08 -0.19 0.00

NM_FRONTIER___DRP 24179	19.02 -0.44 0.00	22.29 -0.20 0.00	24.64 -0.27 0.00	29.78 -0.28 0.00	25.79 -0.12 0.00	23.67 -0.21 0.00	29.02 -0.73 0.00	34.51 -1.69 0.00	33.69 -1.87 0.00	34.85 -1.95 0.00	38.87 -1.85 0.00	40.04 -1.35 0.00	38.36 -1.07 0.00	43.05 -1.16 0.00	42.16 -1.08 0.00	40.88 -1.21 0.00	44.45 -1.97 0.00	46.11 -2.16 0.00	54.27 -3.00 0.00	66.42 -4.17 0.00	42.40 -2.28 0.00	38.54 -2.23 0.00	32.16 -1.45 0.00	28.08 -0.19 0.00
NM_ST_REGIS___HYD 24053	19.88 0.42 0.00	21.24 -1.25 0.00	23.22 -1.70 0.00	28.09 -1.97 0.00	24.42 -1.49 0.00	22.71 -1.18 0.00	28.09 -1.66 0.00	34.09 -2.11 0.00	33.25 -2.31 0.00	33.82 -2.98 0.00	37.61 -3.11 0.00	35.74 -0.86 4.80	39.40 -0.03 0.00	44.45 0.24 0.00	43.36 0.12 0.00	42.32 0.23 0.00	46.63 0.20 0.00	48.36 0.08 0.00	57.86 0.60 0.00	72.11 1.52 0.00	45.58 0.90 0.00	41.99 1.22 0.00	34.81 1.20 0.00	29.32 1.06 0.00
NORTHPORT___1 23551	19.80 0.35 0.00	23.20 0.72 0.00	25.76 0.85 0.00	31.03 0.96 0.00	26.80 0.90 0.00	24.69 0.80 0.00	30.51 0.77 0.00	36.95 0.75 0.00	36.39 0.83 0.00	37.77 0.98 0.00	42.13 1.41 0.00	42.99 1.59 0.00	41.30 1.84 -0.03	45.08 0.88 0.00	44.02 0.78 0.00	42.87 0.78 0.00	47.25 0.83 0.00	49.08 0.81 0.00	57.91 0.65 0.00	63.38 0.12 7.33	44.78 0.10 0.00	38.45 0.06 2.39	33.98 0.36 0.00	28.68 0.41 0.00
NORTHPORT___2 23552	19.80 0.35 0.00	23.20 0.72 0.00	25.76 0.85 0.00	31.03 0.96 0.00	26.80 0.90 0.00	24.69 0.80 0.00	30.51 0.77 0.00	36.95 0.75 0.00	36.39 0.83 0.00	37.77 0.98 0.00	42.13 1.41 0.00	42.99 1.59 0.00	41.30 1.84 -0.03	45.08 0.88 0.00	44.02 0.78 0.00	42.87 0.78 0.00	47.25 0.83 0.00	49.08 0.81 0.00	57.91 0.65 0.00	63.38 0.12 7.33	44.78 0.10 0.00	38.45 0.06 2.39	33.98 0.36 0.00	28.68 0.41 0.00
NORTHPORT___3 23553	19.71 0.25 0.00	23.06 0.58 0.00	25.60 0.68 0.00	30.84 0.77 0.00	26.66 0.75 0.00	24.54 0.65 0.00	30.33 0.58 0.00	36.69 0.49 0.00	36.11 0.55 0.00	37.51 0.71 0.00	41.85 1.13 0.00	42.71 1.32 0.00	41.02 1.56 -0.03	44.79 0.58 0.00	43.70 0.47 0.00	42.58 0.48 0.00	46.98 0.56 0.00	48.81 0.53 0.00	57.61 0.35 0.00	63.13 -0.24 7.22	44.53 -0.15 0.00	38.27 -0.14 2.35	33.80 0.18 0.00	28.51 0.25 0.00
NORTHPORT___4 23650	19.71 0.25 0.00	23.06 0.58 0.00	25.60 0.68 0.00	30.84 0.77 0.00	26.66 0.75 0.00	24.54 0.65 0.00	30.33 0.58 0.00	36.69 0.49 0.00	36.11 0.55 0.00	37.51 0.71 0.00	41.85 1.13 0.00	42.71 1.32 0.00	41.02 1.56 -0.03	44.79 0.58 0.00	43.70 0.47 0.00	42.58 0.48 0.00	46.98 0.56 0.00	48.81 0.53 0.00	57.61 0.35 0.00	63.13 -0.24 7.22	44.53 -0.15 0.00	38.27 -0.14 2.35	33.80 0.18 0.00	28.51 0.25 0.00
NORTHPORT___IC 23718	19.80 0.35 0.00	23.20 0.72 0.00	25.77 0.85 0.00	31.03 0.96 0.00	26.81 0.90 0.00	24.69 0.80 0.00	30.52 0.77 0.00	36.95 0.75 0.00	36.39 0.83 0.00	37.77 0.98 0.00	42.13 1.41 0.00	42.98 1.59 0.00	41.29 1.83 -0.03	45.08 0.88 0.00	44.02 0.78 0.00	42.87 0.78 0.00	47.25 0.83 0.00	49.09 0.81 0.00	57.91 0.65 0.00	63.38 0.12 7.33	44.78 0.10 0.00	38.45 0.06 2.39	33.98 0.36 0.00	28.68 0.41 0.00
NORTH___COUNTRY_ESR 323785	19.56 0.11 0.00	20.65 -1.84 0.00	22.47 -2.44 0.00	27.16 -2.90 0.00	23.62 -2.29 0.00	21.91 -1.98 0.00	26.97 -2.78 0.00	32.63 -3.58 0.00	31.78 -3.78 0.00	32.23 -4.56 0.00	35.95 -4.76 0.00	34.66 -1.93 4.80	38.65 -0.78 0.00	43.50 -0.70 0.00	42.54 -0.69 0.00	41.39 -0.70 0.00	45.51 -0.91 0.00	47.32 -0.95 0.00	56.62 -0.65 0.00	70.62 0.03 0.00	44.62 -0.05 0.00	40.97 0.20 0.00	34.02 0.41 0.00	28.71 0.44 0.00
NPX_GEN_1385_PROXY 323591	19.49 0.04 0.00	22.94 0.45 0.00	25.47 0.55 0.00	30.60 0.53 0.00	26.44 0.53 0.00	24.47 0.59 0.00	30.34 0.59 0.00	36.79 0.59 0.00	36.20 0.64 0.00	37.69 0.90 0.00	41.87 1.15 0.00	42.69 1.29 0.00	41.21 1.75 -0.03	45.53 0.76 -0.56	43.90 0.66 0.00	42.65 0.55 0.00	47.06 0.63 0.00	48.55 0.28 0.00	57.14 -0.12 0.00	62.35 -0.91 7.33	44.39 -0.29 0.00	38.25 -0.14 2.39	33.46 0.15 0.31	26.82 0.00 1.45
NPX_GEN_CSC 323557	19.50 0.05 0.00	22.94 0.45 0.00	25.61 0.69 0.00	30.85 0.78 0.00	26.68 0.77 0.00	24.43 0.54 0.00	30.29 0.54 0.00	37.03 0.82 0.00	36.53 0.98 0.00	37.89 1.10 0.00	41.98 1.27 0.00	42.86 1.46 0.00	41.15 1.69 -0.03	45.53 0.76 -0.56	43.92 0.68 0.00	42.75 0.66 0.00	47.13 0.70 0.00	48.99 0.71 0.00	57.87 0.61 0.00	63.35 -0.01 7.22	44.63 -0.05 0.00	38.25 -0.17 2.36	33.38 0.07 0.31	27.06 0.24 1.45
NSINS_S_GLNS_FALLS 23858	20.05 0.59 0.00	23.38 0.90 0.00	25.88 0.97 0.00	31.28 1.21 0.00	26.97 1.06 0.00	24.91 1.02 0.00	30.91 1.17 0.00	37.63 1.42 0.00	37.14 1.58 0.00	38.56 1.77 0.00	42.62 1.90 0.00	43.38 1.99 0.00	41.42 1.99 0.00	45.98 1.78 0.00	45.02 1.79 0.00	43.97 1.87 0.00	48.66 2.24 0.00	50.38 2.11 0.00	59.76 2.50 0.00	73.31 2.73 0.00	46.31 1.64 0.00	42.22 1.45 0.00	34.73 1.11 0.00	29.02 0.75 0.00
NUCOR_STEEL___DRP 24197	19.51 0.05 0.00	22.68 0.19 0.00	25.12 0.21 0.00	30.34 0.27 0.00	26.08 0.16 0.00	24.13 0.24 0.00	30.09 0.35 0.00	36.75 0.55 0.00	36.03 0.47 0.00	37.33 0.54 0.00	41.36 0.64 0.00	41.92 0.53 0.00	40.01 0.58 0.00	44.60 0.39 0.00	43.62 0.38 0.00	42.74 0.65 0.00	46.94 0.52 0.00	48.92 0.64 0.00	58.14 0.87 0.00	71.50 0.92 0.00	45.19 0.51 0.00	41.14 0.37 0.00	33.89 0.27 0.00	28.43 0.16 0.00
NUMBER_THREE_WT_PWR 323818	19.51 0.05 0.00	22.40 -0.09 0.00	24.84 -0.08 0.00	30.13 0.07 0.00	25.99 0.08 0.00	24.18 0.29 0.00	30.20 0.45 0.00	36.97 0.76 0.00	36.36 0.81 0.00	37.32 0.53 0.00	41.09 0.37 0.00	42.10 0.71 0.00	40.47 1.04 0.00	45.39 1.19 0.00	44.09 0.86 0.00	43.05 0.96 0.00	47.68 1.26 0.00	50.19 1.92 0.00	59.52 2.26 0.00	73.48 2.89 0.00	46.38 1.71 0.00	42.38 1.61 0.00	35.07 1.45 0.00	29.35 1.08 0.00
NYISO_LBMP_REFERENCE 24008	19.45 0.00 0.00	22.49 0.00 0.00	24.91 0.00 0.00	30.07 0.00 0.00	25.91 0.00 0.00	23.88 0.00 0.00	29.75 0.00 0.00	36.21 0.00 0.00	35.56 0.00 0.00	36.79 0.00 0.00	40.72 0.00 0.00	41.40 0.00 0.00	39.43 0.00 0.00	44.20 0.00 0.00	43.24 0.00 0.00	42.09 0.00 0.00	46.42 0.00 0.00	48.28 0.00 0.00	57.26 0.00 0.00	70.59 0.00 0.00	44.68 0.00 0.00	40.77 0.00 0.00	33.62 0.00 0.00	28.27 0.00 0.00
NYPA_BRENTWD____GT 24164	19.96 0.50 0.00	23.35 0.86 0.00	25.89 0.98 0.00	31.21 1.14 0.00	26.95 1.04 0.00	24.83 0.95 0.00	30.75 1.01 0.00	37.34 1.14 0.00	36.81 1.25 0.00	38.23 1.43 0.00	42.57 1.85 0.00	43.44 2.05 0.00	41.69 2.22 -0.03	45.56 1.36 0.00	44.54 1.30 0.00	43.39 1.30 0.00	47.87 1.45 0.00	49.81 1.53 0.00	58.38 1.11 0.00	64.11 0.48 6.96	45.33 0.65 0.00	39.01 0.51 2.27	34.29 0.68 0.00	28.91 0.64 0.00

NYPA_GOWANUS____GT5 24156	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.18 1.90 0.00	59.46 2.20 0.00	72.68 2.09 0.00	45.88 1.20 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NYPA_GOWANUS____GT6 24157	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.87 1.67 0.00	37.20 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.45 2.06 0.00	41.39 1.96 0.00	45.72 1.51 0.00	44.69 1.45 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.18 1.90 0.00	59.46 2.20 0.00	72.68 2.09 0.00	45.88 1.20 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00
NYPA_HARLEM__RVR__GT1 24160	20.24 0.79 0.00	23.57 1.09 0.00	26.03 1.11 0.00	31.18 1.12 0.01	26.86 0.96 0.01	24.93 1.04 0.00	31.15 1.40 0.00	37.81 1.61 0.00	37.17 1.61 0.00	38.49 1.70 0.00	42.59 1.87 0.00	43.53 2.13 0.00	41.47 2.04 0.00	45.75 1.55 0.00	44.70 1.47 0.00	43.64 1.55 0.00	48.24 1.82 0.00	50.20 1.93 0.00	59.47 2.21 0.00	72.74 2.16 0.00	45.91 1.24 0.00	42.04 1.27 0.00	34.74 1.13 0.00	29.10 0.83 0.00
NYPA_HARLEM__RVR__GT2 24161	20.24 0.79 0.00	23.57 1.09 0.00	26.03 1.11 0.00	31.18 1.12 0.01	26.86 0.96 0.01	24.93 1.04 0.00	31.15 1.40 0.00	37.81 1.61 0.00	37.17 1.61 0.00	38.49 1.70 0.00	42.59 1.87 0.00	43.53 2.13 0.00	41.47 2.04 0.00	45.75 1.55 0.00	44.70 1.47 0.00	43.64 1.55 0.00	48.24 1.82 0.00	50.20 1.93 0.00	59.47 2.21 0.00	72.74 2.16 0.00	45.91 1.24 0.00	42.04 1.27 0.00	34.74 1.13 0.00	29.10 0.83 0.00
NYPA_KENT____GT 24152	20.24 0.78 0.00	23.57 1.08 0.00	26.01 1.10 0.00	31.32 1.25 0.00	27.03 1.11 0.00	25.02 1.14 0.00	31.28 1.53 0.00	37.94 1.73 0.00	37.23 1.67 0.00	38.50 1.71 0.00	42.57 1.86 0.00	43.51 2.11 0.00	41.45 2.02 0.00	45.77 1.57 0.00	44.77 1.53 0.00	43.70 1.60 0.00	48.29 1.86 0.00	50.21 1.94 0.00	59.52 2.25 0.00	72.74 2.15 0.00	45.92 1.25 0.00	42.10 1.33 0.00	34.83 1.22 0.00	29.18 0.92 0.00
NYPA_POUCH1____GT 24155	20.17 0.72 0.00	23.50 1.01 0.00	25.93 1.02 0.00	31.19 1.13 0.00	26.92 1.01 0.00	24.94 1.05 0.00	31.16 1.42 0.00	37.76 1.56 0.00	37.11 1.55 0.00	38.31 1.52 0.00	42.39 1.67 0.00	43.31 1.91 0.00	41.25 1.82 0.00	45.56 1.35 0.00	44.55 1.31 0.00	43.50 1.40 0.00	48.10 1.68 0.00	50.06 1.78 0.00	59.34 2.08 0.00	72.55 1.96 0.00	45.80 1.12 0.00	41.98 1.21 0.00	34.76 1.15 0.00	29.14 0.87 0.00
NYPA_VERNON____GT2 24162	20.27 0.81 0.00	23.61 1.12 0.00	26.06 1.15 0.00	31.39 1.32 0.00	27.08 1.17 0.00	25.07 1.19 0.00	31.34 1.60 0.00	38.01 1.80 0.00	37.26 1.71 0.00	38.56 1.76 0.00	42.63 1.91 0.00	43.57 2.18 0.00	41.51 2.08 0.00	45.84 1.64 0.00	44.82 1.58 0.00	43.76 1.66 0.00	48.37 1.94 0.00	50.31 2.03 0.00	59.59 2.33 0.00	72.84 2.25 0.00	45.99 1.31 0.00	42.13 1.36 0.00	34.86 1.25 0.00	29.22 0.95 0.00
NYPA_VERNON____GT3 24163	20.27 0.81 0.00	23.61 1.12 0.00	26.06 1.15 0.00	31.39 1.32 0.00	27.08 1.17 0.00	25.07 1.19 0.00	31.34 1.60 0.00	38.01 1.80 0.00	37.26 1.71 0.00	38.56 1.76 0.00	42.63 1.91 0.00	43.57 2.18 0.00	41.51 2.08 0.00	45.84 1.64 0.00	44.82 1.58 0.00	43.76 1.66 0.00	48.37 1.94 0.00	50.31 2.03 0.00	59.59 2.33 0.00	72.84 2.25 0.00	45.99 1.31 0.00	42.13 1.36 0.00	34.86 1.25 0.00	29.22 0.95 0.00
NYPA____ASTORIA_CC1 323568	20.27 0.81 0.00	23.61 1.12 0.00	26.06 1.14 0.00	31.35 1.29 0.00	27.05 1.14 0.00	25.06 1.17 0.00	31.32 1.57 0.00	37.96 1.75 0.00	37.20 1.64 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.50 2.10 0.00	41.45 2.02 0.00	45.77 1.57 0.00	44.75 1.52 0.00	43.68 1.59 0.00	48.29 1.87 0.00	50.24 1.96 0.00	59.52 2.26 0.00	72.74 2.15 0.00	45.93 1.26 0.00	42.09 1.32 0.00	34.84 1.22 0.00	29.20 0.93 0.00
NYPA____ASTORIA_CC2 323569	20.27 0.81 0.00	23.61 1.12 0.00	26.06 1.14 0.00	31.35 1.29 0.00	27.05 1.14 0.00	25.06 1.17 0.00	31.32 1.57 0.00	37.96 1.75 0.00	37.20 1.64 0.00	38.50 1.70 0.00	42.57 1.85 0.00	43.50 2.10 0.00	41.45 2.02 0.00	45.77 1.57 0.00	44.75 1.52 0.00	43.68 1.59 0.00	48.29 1.87 0.00	50.24 1.96 0.00	59.52 2.26 0.00	72.74 2.15 0.00	45.93 1.26 0.00	42.09 1.32 0.00	34.84 1.22 0.00	29.20 0.93 0.00
NYPA____HOLTSVILL 23794	19.72 0.26 0.00	23.12 0.63 0.00	25.72 0.81 0.00	30.99 0.92 0.00	26.79 0.88 0.00	24.61 0.72 0.00	30.50 0.75 0.00	37.14 0.94 0.00	36.62 1.06 0.00	38.01 1.21 0.00	42.23 1.51 0.00	43.07 1.67 0.00	41.35 1.89 -0.03	45.20 0.99 0.00	44.15 0.91 0.00	43.00 0.91 0.00	47.39 0.97 0.00	49.25 0.97 0.00	58.15 0.89 0.00	63.70 0.35 7.24	44.89 0.21 0.00	38.50 0.09 2.36	33.92 0.31 0.00	28.68 0.42 0.00
NYPA____HELLGATE_GT1 24158	20.24 0.79 0.00	23.57 1.09 0.00	26.03 1.11 0.00	31.18 1.12 0.01	26.86 0.96 0.01	24.93 1.04 0.00	31.15 1.40 0.00	37.84 1.64 0.00	37.19 1.64 0.00	38.52 1.73 0.00	42.59 1.87 0.00	43.53 2.13 0.00	41.48 2.05 0.00	45.80 1.60 0.00	44.77 1.54 0.00	43.71 1.62 0.00	48.32 1.90 0.00	50.28 2.01 0.00	59.58 2.32 0.00	72.85 2.27 0.00	46.00 1.32 0.00	42.06 1.29 0.00	34.74 1.13 0.00	29.10 0.83 0.00
NYPA____HELLGATE_GT2 24159	20.24 0.79 0.00	23.57 1.09 0.00	26.03 1.11 0.00	31.18 1.12 0.01	26.86 0.96 0.01	24.93 1.04 0.00	31.15 1.40 0.00	37.84 1.64 0.00	37.19 1.64 0.00	38.52 1.73 0.00	42.59 1.87 0.00	43.53 2.13 0.00	41.48 2.05 0.00	45.80 1.60 0.00	44.77 1.54 0.00	43.71 1.62 0.00	48.32 1.90 0.00	50.28 2.01 0.00	59.58 2.32 0.00	72.85 2.27 0.00	46.00 1.32 0.00	42.06 1.29 0.00	34.74 1.13 0.00	29.10 0.83 0.00
NYS_BARGE____HYD 23848	19.26 -0.19 0.00	22.50 0.01 0.00	24.85 -0.06 0.00	30.02 -0.04 0.00	26.00 0.09 0.00	23.83 -0.05 0.00	29.15 -0.59 0.00	34.89 -1.31 0.00	34.09 -1.47 0.00	35.23 -1.56 0.00	39.27 -1.45 0.00	40.45 -0.95 0.00	38.72 -0.71 0.00	43.43 -0.77 0.00	42.51 -0.73 0.00	41.24 -0.85 0.00	44.91 -1.52 0.00	46.65 -1.62 0.00	54.99 -2.27 0.00	67.35 -3.24 0.00	42.99 -1.69 0.00	39.06 -1.71 0.00	32.63 -0.99 0.00	28.55 0.28 0.00
OAK ORCHARD____HYD 24046	19.40 -0.06 0.00	22.56 0.07 0.00	24.94 0.03 0.00	30.13 0.06 0.00	26.04 0.13 0.00	24.01 0.12 0.00	29.79 0.04 0.00	36.19 -0.02 0.00	35.47 -0.08 0.00	36.71 -0.09 0.00	40.80 0.08 0.00	41.75 0.35 0.00	39.88 0.45 0.00	44.65 0.44 0.00	43.73 0.49 0.00	42.51 0.42 0.00	46.65 0.22 0.00	48.56 0.29 0.00	57.31 0.04 0.00	70.45 -0.13 0.00	44.66 -0.02 0.00	40.54 -0.23 0.00	33.51 -0.11 0.00	28.58 0.31 0.00

OAKDALE___35_KV_LOAD 356122	19.47 0.01 0.00	22.70 0.21 0.00	25.14 0.23 0.00	30.36 0.29 0.00	26.18 0.27 0.00	24.11 0.23 0.00	30.04 0.29 0.00	36.61 0.40 0.00	35.85 0.30 0.00	37.11 0.32 0.00	41.17 0.45 0.00	41.98 0.59 0.00	39.92 0.49 0.00	44.62 0.41 0.00	43.55 0.32 0.00	42.44 0.35 0.00	46.81 0.39 0.00	48.77 0.49 0.00	57.75 0.49 0.00	70.89 0.30 0.00	44.86 0.18 0.00	40.89 0.12 0.00	33.75 0.13 0.00	28.54 0.27 0.00
OCC_CHEM___DRP 24175	19.05 -0.40 0.00	22.31 -0.17 0.00	24.67 -0.24 0.00	29.83 -0.24 0.00	25.82 -0.09 0.00	23.70 -0.19 0.00	29.05 -0.70 0.00	34.58 -1.63 0.00	33.76 -1.80 0.00	34.91 -1.89 0.00	38.94 -1.79 0.00	40.12 -1.28 0.00	38.43 -1.00 0.00	43.14 -1.07 0.00	42.24 -1.00 0.00	40.96 -1.13 0.00	44.54 -1.88 0.00	46.21 -2.06 0.00	54.39 -2.88 0.00	66.56 -4.03 0.00	42.48 -2.20 0.00	38.61 -2.17 0.00	32.23 -1.39 0.00	28.13 -0.14 0.00
OH_GEN_PROXY 24063	19.11 -0.34 0.00	22.33 -0.16 0.00	24.68 -0.23 0.00	29.84 -0.23 0.00	25.83 -0.08 0.00	23.72 -0.16 0.00	29.11 -0.63 0.00	34.88 -1.32 0.00	34.08 -1.48 0.00	35.25 -1.54 0.00	39.33 -1.39 0.00	40.47 -0.92 0.00	38.71 -0.72 0.00	44.01 -0.75 -0.56	42.51 -0.72 0.00	41.23 -0.86 0.00	44.93 -1.49 0.00	46.67 -1.60 0.00	54.94 -2.32 0.00	67.29 -3.30 0.00	42.89 -1.79 0.00	38.95 -1.82 0.00	32.16 -1.15 0.31	26.81 0.00 1.45
OLIN_CORP_DRP 24177	19.08 -0.37 0.00	22.29 -0.20 0.00	24.61 -0.30 0.00	29.74 -0.33 0.00	25.77 -0.14 0.00	23.64 -0.25 0.00	28.88 -0.87 0.00	34.48 -1.72 0.00	33.71 -1.85 0.00	34.86 -1.94 0.00	38.86 -1.86 0.00	40.02 -1.38 0.00	38.34 -1.09 0.00	43.00 -1.20 0.00	42.10 -1.14 0.00	40.82 -1.27 0.00	44.42 -2.00 0.00	46.10 -2.17 0.00	54.30 -2.97 0.00	66.47 -4.11 0.00	42.47 -2.21 0.00	38.62 -2.15 0.00	32.31 -1.31 0.00	28.25 -0.02 0.00
OLIN_CORP_DSASP 323712	19.05 -0.40 0.00	22.31 -0.17 0.00	24.67 -0.24 0.00	29.83 -0.24 0.00	25.82 -0.09 0.00	23.70 -0.18 0.00	29.05 -0.70 0.00	34.58 -1.63 0.00	33.76 -1.80 0.00	34.90 -1.89 0.00	38.94 -1.79 0.00	40.12 -1.28 0.00	38.43 -1.00 0.00	43.14 -1.07 0.00	42.24 -1.00 0.00	40.96 -1.13 0.00	44.54 -1.88 0.00	46.21 -2.06 0.00	54.39 -2.87 0.00	66.54 -4.04 0.00	42.48 -2.20 0.00	38.61 -2.16 0.00	32.23 -1.39 0.00	28.13 -0.14 0.00
ONEIDA_HERK_LFGE 323681	19.67 0.21 0.00	22.70 0.21 0.00	25.15 0.24 0.00	30.45 0.38 0.00	26.25 0.34 0.00	24.32 0.43 0.00	30.36 0.61 0.00	37.09 0.89 0.00	36.48 0.92 0.00	37.61 0.82 0.00	41.52 0.81 0.00	42.41 1.01 0.00	40.52 1.09 0.00	45.44 1.23 0.00	44.32 1.08 0.00	43.22 1.13 0.00	47.78 1.36 0.00	49.99 1.71 0.00	59.25 1.99 0.00	72.98 2.40 0.00	46.12 1.44 0.00	42.05 1.28 0.00	34.69 1.07 0.00	29.08 0.81 0.00
ONEIDA___115KV_TB4 55905	19.73 0.27 0.00	22.84 0.36 0.00	25.34 0.42 0.00	30.64 0.58 0.00	26.44 0.53 0.00	24.45 0.56 0.00	30.53 0.78 0.00	37.31 1.11 0.00	36.71 1.15 0.00	37.94 1.15 0.00	41.93 1.21 0.00	42.75 1.35 0.00	40.66 1.23 0.00	45.60 1.40 0.00	44.59 1.36 0.00	43.45 1.36 0.00	48.01 1.59 0.00	50.12 1.85 0.00	59.30 2.04 0.00	72.86 2.27 0.00	46.03 1.35 0.00	41.92 1.15 0.00	34.53 0.91 0.00	29.00 0.73 0.00
ONONDAGA_REF_OCCRA 23987	19.33 -0.12 0.00	22.46 -0.03 0.00	24.86 -0.05 0.00	30.02 -0.05 0.00	25.89 -0.02 0.00	23.89 0.00 0.00	29.80 0.05 0.00	36.39 0.18 0.00	35.71 0.16 0.00	36.96 0.17 0.00	40.93 0.21 0.00	41.68 0.29 0.00	39.70 0.27 0.00	44.40 0.20 0.00	43.44 0.20 0.00	42.35 0.25 0.00	46.70 0.28 0.00	48.65 0.37 0.00	57.63 0.36 0.00	70.81 0.23 0.00	44.78 0.10 0.00	40.78 0.01 0.00	33.60 -0.01 0.00	28.26 -0.01 0.00
ONONDAGA___COGEN 23986	19.31 -0.14 0.00	22.44 -0.05 0.00	24.84 -0.07 0.00	30.00 -0.07 0.00	25.86 -0.05 0.00	23.87 -0.02 0.00	29.77 0.02 0.00	36.37 0.16 0.00	35.68 0.13 0.00	36.93 0.14 0.00	40.90 0.18 0.00	41.63 0.23 0.00	39.66 0.23 0.00	44.33 0.13 0.00	43.37 0.13 0.00	42.31 0.22 0.00	46.64 0.22 0.00	48.59 0.31 0.00	57.57 0.30 0.00	70.76 0.17 0.00	44.74 0.06 0.00	40.74 -0.03 0.00	33.56 -0.06 0.00	28.21 -0.06 0.00
ONTARIO___LFGE 23819	19.56 0.10 0.00	22.78 0.29 0.00	25.20 0.28 0.00	30.43 0.36 0.00	26.29 0.38 0.00	24.27 0.39 0.00	30.24 0.50 0.00	36.91 0.71 0.00	36.16 0.60 0.00	37.46 0.66 0.00	41.55 0.83 0.00	42.36 0.96 0.00	40.28 0.85 0.00	45.10 0.89 0.00	44.07 0.83 0.00	42.90 0.80 0.00	47.25 0.82 0.00	49.38 1.10 0.00	58.45 1.19 0.00	71.79 1.20 0.00	45.41 0.73 0.00	41.27 0.50 0.00	34.03 0.42 0.00	28.84 0.57 0.00
ORANGEVILLE_WT_PWR 323706	19.06 -0.40 0.00	22.37 -0.12 0.00	24.82 -0.10 0.00	29.94 -0.13 0.00	25.96 0.05 0.00	23.87 -0.02 0.00	29.34 -0.41 0.00	35.38 -0.83 0.00	34.48 -1.08 0.00	35.60 -1.19 0.00	39.56 -1.16 0.00	40.71 -0.68 0.00	38.86 -0.57 0.00	43.64 -0.56 0.00	42.66 -0.57 0.00	41.42 -0.67 0.00	45.41 -1.01 0.00	47.27 -1.01 0.00	55.98 -1.28 0.00	68.72 -1.87 0.00	43.80 -0.88 0.00	39.88 -0.89 0.00	33.15 -0.47 0.00	28.66 0.39 0.00
ORANGEVILLE___ESR 323794	19.06 -0.40 0.00	22.37 -0.12 0.00	24.82 -0.10 0.00	29.94 -0.13 0.00	25.96 0.05 0.00	23.87 -0.02 0.00	29.34 -0.41 0.00	35.38 -0.83 0.00	34.48 -1.08 0.00	35.60 -1.19 0.00	39.56 -1.16 0.00	40.71 -0.68 0.00	38.86 -0.57 0.00	43.64 -0.56 0.00	42.66 -0.57 0.00	41.42 -0.67 0.00	45.41 -1.01 0.00	47.27 -1.01 0.00	55.98 -1.28 0.00	68.72 -1.87 0.00	43.80 -0.88 0.00	39.88 -0.89 0.00	33.15 -0.47 0.00	28.66 0.39 0.00
OSWEGATCHIE___HYD 24044	19.69 0.24 0.00	21.80 -0.69 0.00	24.03 -0.88 0.00	29.13 -0.93 0.00	25.22 -0.69 0.00	23.47 -0.41 0.00	29.19 -0.55 0.00	35.64 -0.56 0.00	34.91 -0.65 0.00	35.68 -1.11 0.00	39.46 -1.26 0.00	41.34 -0.05 0.00	39.95 0.52 0.00	44.86 0.66 0.00	43.63 0.39 0.00	42.64 0.55 0.00	47.14 0.71 0.00	49.27 1.00 0.00	58.70 1.44 0.00	72.82 2.23 0.00	45.96 1.29 0.00	42.23 1.46 0.00	34.96 1.34 0.00	29.34 1.07 0.00
OSWEGO___5 23606	19.01 -0.44 0.00	22.06 -0.42 0.00	24.42 -0.49 0.00	29.49 -0.58 0.00	25.42 -0.49 0.00	23.45 -0.44 0.00	29.21 -0.54 0.00	35.66 -0.54 0.00	35.02 -0.54 0.00	36.24 -0.56 0.00	40.13 -0.58 0.00	40.87 -0.53 0.00	38.94 -0.49 0.00	43.56 -0.64 0.00	42.63 -0.61 0.00	41.53 -0.57 0.00	45.76 -0.66 0.00	47.63 -0.65 0.00	56.43 -0.83 0.00	69.43 -1.15 0.00	43.93 -0.74 0.00	40.05 -0.72 0.00	33.00 -0.61 0.00	27.75 -0.52 0.00
OSWEGO___6 23613	19.01 -0.44 0.00	22.06 -0.42 0.00	24.42 -0.49 0.00	29.49 -0.58 0.00	25.42 -0.49 0.00	23.45 -0.44 0.00	29.21 -0.54 0.00	35.66 -0.54 0.00	35.02 -0.54 0.00	36.24 -0.56 0.00	40.13 -0.58 0.00	40.87 -0.53 0.00	38.94 -0.49 0.00	43.56 -0.64 0.00	42.63 -0.61 0.00	41.53 -0.57 0.00	45.76 -0.66 0.00	47.63 -0.65 0.00	56.43 -0.83 0.00	69.43 -1.15 0.00	43.93 -0.74 0.00	40.05 -0.72 0.00	33.00 -0.61 0.00	27.75 -0.52 0.00

OUTOKUMPU-AB___DRP 24206	19.33 -0.12 0.00	22.61 0.12 0.00	24.98 0.07 0.00	30.20 0.13 0.00	26.16 0.25 0.00	24.02 0.13 0.00	29.47 -0.28 0.00	35.27 -0.94 0.00	34.44 -1.12 0.00	35.62 -1.17 0.00	39.70 -1.02 0.00	40.88 -0.51 0.00	39.13 -0.31 0.00	43.90 -0.30 0.00	42.97 -0.26 0.00	41.68 -0.41 0.00	45.39 -1.03 0.00	47.18 -1.10 0.00	55.66 -1.60 0.00	68.13 -2.46 0.00	43.42 -1.26 0.00	39.43 -1.34 0.00	32.89 -0.73 0.00	28.68 0.41 0.00
OXBOW___BTM 323836	19.17 -0.28 0.00	22.44 -0.05 0.00	24.81 -0.11 0.00	29.98 -0.09 0.00	25.97 0.06 0.00	23.83 -0.05 0.00	29.23 -0.51 0.00	34.89 -1.31 0.00	34.07 -1.49 0.00	35.24 -1.56 0.00	39.29 -1.43 0.00	40.48 -0.92 0.00	38.76 -0.67 0.00	43.50 -0.70 0.00	42.59 -0.65 0.00	41.31 -0.78 0.00	44.97 -1.46 0.00	46.69 -1.59 0.00	55.01 -2.26 0.00	67.32 -3.27 0.00	42.94 -1.74 0.00	38.99 -1.78 0.00	32.53 -1.08 0.00	28.38 0.11 0.00
OXBOW___ 24026	19.17 -0.28 0.00	22.44 -0.05 0.00	24.81 -0.11 0.00	29.98 -0.09 0.00	25.96 0.05 0.00	23.83 -0.05 0.00	29.23 -0.51 0.00	34.89 -1.31 0.00	34.07 -1.48 0.00	35.24 -1.55 0.00	39.29 -1.43 0.00	40.47 -0.92 0.00	38.77 -0.66 0.00	43.50 -0.70 0.00	42.59 -0.65 0.00	41.31 -0.78 0.00	44.96 -1.46 0.00	46.69 -1.59 0.00	55.02 -2.25 0.00	67.32 -3.27 0.00	42.94 -1.74 0.00	38.99 -1.78 0.00	32.54 -1.08 0.00	28.38 0.11 0.00
OXY_CHEM_DSASP 323612	19.05 -0.40 0.00	22.31 -0.17 0.00	24.67 -0.24 0.00	29.83 -0.24 0.00	25.82 -0.09 0.00	23.70 -0.19 0.00	29.05 -0.70 0.00	34.58 -1.63 0.00	33.76 -1.80 0.00	34.91 -1.89 0.00	38.94 -1.79 0.00	40.12 -1.28 0.00	38.43 -1.00 0.00	43.14 -1.07 0.00	42.24 -1.00 0.00	40.96 -1.13 0.00	44.54 -1.88 0.00	46.21 -2.06 0.00	54.39 -2.88 0.00	66.56 -4.03 0.00	42.48 -2.20 0.00	38.61 -2.17 0.00	32.23 -1.39 0.00	28.13 -0.14 0.00
OZONE_PARK_ESR 323760	20.41 0.96 0.00	23.78 1.29 0.00	26.23 1.31 0.00	31.66 1.59 0.00	27.34 1.43 0.00	25.29 1.40 0.00	31.62 1.87 0.00	38.38 2.17 0.00	37.66 2.10 0.00	38.99 2.19 0.00	43.13 2.41 0.00	44.07 2.67 0.00	41.97 2.54 0.00	46.37 2.17 0.00	45.35 2.11 0.00	44.26 2.17 0.00	48.93 2.51 0.00	50.91 2.63 0.00	60.34 3.08 0.00	73.78 3.19 0.00	46.54 1.86 0.00	42.57 1.80 0.00	35.14 1.53 0.00	29.44 1.17 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.05 -0.40 0.00	22.31 -0.17 0.00	24.67 -0.24 0.00	29.83 -0.24 0.00	25.82 -0.09 0.00	23.70 -0.19 0.00	29.05 -0.70 0.00	34.58 -1.63 0.00	33.76 -1.80 0.00	34.91 -1.89 0.00	38.94 -1.79 0.00	40.12 -1.28 0.00	38.43 -1.00 0.00	43.14 -1.07 0.00	42.24 -1.00 0.00	40.96 -1.13 0.00	44.54 -1.88 0.00	46.21 -2.06 0.00	54.39 -2.88 0.00	66.56 -4.03 0.00	42.48 -2.20 0.00	38.61 -2.17 0.00	32.23 -1.39 0.00	28.13 -0.14 0.00
PACKARD___115KV_DUPONT_184 80571	19.05 -0.40 0.00	22.31 -0.17 0.00	24.67 -0.24 0.00	29.83 -0.24 0.00	25.82 -0.09 0.00	23.70 -0.19 0.00	29.05 -0.70 0.00	34.58 -1.63 0.00	33.76 -1.80 0.00	34.91 -1.89 0.00	38.94 -1.79 0.00	40.12 -1.28 0.00	38.43 -1.00 0.00	43.14 -1.07 0.00	42.24 -1.00 0.00	40.96 -1.13 0.00	44.54 -1.88 0.00	46.21 -2.06 0.00	54.39 -2.88 0.00	66.56 -4.03 0.00	42.48 -2.20 0.00	38.61 -2.17 0.00	32.23 -1.39 0.00	28.13 -0.14 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.25 0.80 0.00	23.59 1.10 0.00	26.04 1.13 0.00	31.23 1.17 0.00	26.91 1.01 0.00	24.98 1.09 0.00	31.21 1.46 0.00	37.89 1.69 0.00	37.23 1.67 0.00	38.56 1.76 0.00	42.63 1.91 0.00	43.57 2.18 0.00	41.52 2.09 0.00	45.84 1.64 0.00	44.81 1.57 0.00	43.76 1.67 0.00	48.37 1.94 0.00	50.33 2.05 0.00	59.64 2.37 0.00	72.91 2.32 0.00	46.02 1.35 0.00	42.10 1.33 0.00	34.78 1.16 0.00	29.13 0.86 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.63 1.17 0.00	24.05 1.56 0.00	26.56 1.65 0.00	31.88 1.81 0.00	27.46 1.55 0.00	25.48 1.60 0.00	31.84 2.10 0.00	38.67 2.47 0.00	37.98 2.42 0.00	39.33 2.54 0.00	43.47 2.76 0.00	44.45 3.05 0.00	42.37 2.94 0.00	46.78 2.57 0.00	45.72 2.48 0.00	44.63 2.54 0.00	49.33 2.91 0.00	51.30 3.03 0.00	60.78 3.52 0.00	74.30 3.71 0.00	46.90 2.22 0.00	42.88 2.11 0.00	35.42 1.80 0.00	29.68 1.42 0.00
PATROON___115KV_TB1 80586	19.65 0.19 0.00	22.94 0.46 0.00	25.42 0.50 0.00	30.61 0.55 0.00	26.42 0.51 0.00	24.36 0.47 0.00	30.28 0.53 0.00	36.64 0.43 0.00	36.03 0.47 0.00	37.29 0.49 0.00	41.17 0.45 0.00	41.94 0.54 0.00	40.06 0.63 0.00	44.48 0.28 0.00	43.57 0.34 0.00	42.40 0.31 0.00	46.82 0.40 0.00	48.49 0.21 0.00	57.41 0.15 0.00	70.48 -0.11 0.00	44.62 -0.06 0.00	40.73 -0.05 0.00	33.58 -0.04 0.00	28.19 -0.08 0.00
PATTRSNVILLE___SOLAR 323815	19.81 0.35 0.00	23.00 0.51 0.00	25.48 0.57 0.00	30.77 0.70 0.00	26.51 0.60 0.00	24.45 0.56 0.00	30.50 0.76 0.00	37.15 0.94 0.00	36.49 0.93 0.00	37.75 0.95 0.00	41.78 1.06 0.00	42.52 1.12 0.00	40.49 1.06 0.00	45.20 0.99 0.00	44.25 1.02 0.00	43.17 1.08 0.00	47.74 1.32 0.00	49.63 1.36 0.00	58.79 1.53 0.00	72.34 1.75 0.00	45.76 1.09 0.00	41.74 0.96 0.00	34.35 0.74 0.00	28.82 0.55 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.31 -0.15 0.00	22.57 0.09 0.00	24.95 0.04 0.00	30.15 0.08 0.00	26.12 0.21 0.00	24.01 0.12 0.00	29.54 -0.21 0.00	35.56 -0.65 0.00	34.75 -0.81 0.00	35.95 -0.84 0.00	40.09 -0.63 0.00	41.19 -0.20 0.00	39.26 -0.17 0.00	44.04 -0.16 0.00	42.90 -0.34 0.00	41.61 -0.48 0.00	45.71 -0.71 0.00	47.56 -0.71 0.00	56.17 -1.09 0.00	68.74 -1.85 0.00	43.75 -0.93 0.00	39.69 -1.08 0.00	33.03 -0.59 0.00	28.66 0.39 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.27 0.82 0.00	23.62 1.14 0.00	26.12 1.20 0.00	31.51 1.45 0.00	27.18 1.27 0.00	25.09 1.21 0.00	31.34 1.60 0.00	38.05 1.84 0.00	37.37 1.81 0.00	38.72 1.93 0.00	42.87 2.16 0.00	43.81 2.41 0.00	41.77 2.34 0.00	46.22 2.01 0.00	45.19 1.95 0.00	44.07 1.98 0.00	48.72 2.30 0.00	50.66 2.39 0.00	60.01 2.75 0.00	73.41 2.82 0.00	46.38 1.70 0.00	42.37 1.60 0.00	34.91 1.29 0.00	29.23 0.96 0.00
PEEKSKILL___ 23653	20.12 0.67 0.00	23.45 0.97 0.00	25.90 0.99 0.00	31.26 1.19 0.00	26.97 1.06 0.00	24.92 1.03 0.00	31.12 1.38 0.00	37.77 1.57 0.00	37.05 1.50 0.00	38.35 1.55 0.00	42.41 1.69 0.00	43.34 1.95 0.00	41.28 1.85 0.00	45.67 1.47 0.00	44.66 1.42 0.00	43.59 1.50 0.00	48.22 1.79 0.00	50.11 1.84 0.00	59.37 2.11 0.00	72.59 2.01 0.00	45.86 1.18 0.00	41.92 1.15 0.00	34.57 0.96 0.00	28.99 0.72 0.00
PGE MADISON___WINDPWR 24146	19.89 0.44 0.00	23.41 0.93 0.00	25.87 0.95 0.00	31.22 1.15 0.00	27.02 1.11 0.00	24.98 1.09 0.00	31.28 1.54 0.00	38.15 1.94 0.00	37.26 1.70 0.00	38.42 1.63 0.00	42.81 2.09 0.00	43.60 2.20 0.00	41.59 2.16 0.00	46.71 2.50 0.00	45.76 2.52 0.00	44.71 2.62 0.00	49.44 3.01 0.00	51.65 3.38 0.00	61.74 4.48 0.00	75.95 5.36 0.00	48.03 3.35 0.00	43.64 2.87 0.00	35.85 2.23 0.00	30.24 1.97 0.00

PIERCEFIELD___HYD 23852	19.86 0.41 0.00	21.29 -1.20 0.00	23.31 -1.60 0.00	28.21 -1.86 0.00	24.51 -1.40 0.00	22.80 -1.08 0.00	28.23 -1.52 0.00	34.29 -1.92 0.00	33.45 -2.11 0.00	34.03 -2.77 0.00	37.81 -2.91 0.00	40.60 -0.79 0.00	39.47 0.04 0.00	44.54 0.34 0.00	43.41 0.17 0.00	42.36 0.27 0.00	46.71 0.28 0.00	48.45 0.17 0.00	57.92 0.66 0.00	72.12 1.53 0.00	45.60 0.92 0.00	42.04 1.27 0.00	34.84 1.23 0.00	29.33 1.06 0.00
PINELAWN_CC_1 323563	19.95 0.50 0.00	23.32 0.83 0.00	25.86 0.94 0.00	31.16 1.09 0.00	26.91 1.00 0.00	24.81 0.93 0.00	30.75 1.01 0.00	37.35 1.14 0.00	36.79 1.24 0.00	38.21 1.41 0.00	42.52 1.80 0.00	43.40 2.01 0.00	41.61 2.14 -0.04	45.52 1.32 0.00	44.52 1.28 0.00	43.40 1.31 0.00	47.89 1.47 0.00	49.81 1.54 0.00	58.80 1.54 0.00	65.54 1.12 6.16	45.42 0.74 0.00	39.37 0.61 2.01	34.31 0.69 0.00	28.88 0.61 0.00
PJM_GEN_HTTP_PROXY 323702	20.22 0.76 0.00	25.03 1.07 -1.47	26.00 1.09 0.00	31.41 1.34 0.00	27.12 1.21 0.00	25.08 1.19 0.00	31.33 1.59 0.00	38.02 1.81 0.00	37.30 1.74 0.00	38.62 1.82 0.00	42.71 1.99 0.00	43.64 2.24 0.00	39.93 2.11 1.61	45.88 1.68 0.00	44.85 1.62 0.00	43.77 1.68 0.00	48.41 1.98 0.00	50.35 2.08 0.00	59.68 2.42 0.00	72.98 2.39 0.00	46.02 1.34 0.00	42.10 1.32 0.00	34.77 1.15 0.00	29.14 0.87 0.00
PJM_GEN_KEystone 24065	19.68 0.23 0.00	24.43 0.48 -1.47	25.36 0.45 0.00	30.64 0.57 0.00	26.47 0.57 0.00	24.40 0.52 0.00	30.33 0.58 0.00	36.74 0.53 0.00	35.94 0.38 0.00	37.20 0.41 0.00	41.25 0.53 0.00	42.20 0.80 0.00	38.50 0.68 1.61	44.66 0.46 0.00	43.58 0.34 0.00	42.47 0.38 0.00	46.84 0.41 0.00	48.74 0.47 0.00	57.68 0.42 0.00	70.55 -0.04 0.00	44.67 -0.01 0.00	40.71 -0.06 0.00	33.68 0.06 0.00	28.57 0.30 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.87 0.42 0.00	24.67 0.71 -1.47	25.71 0.79 0.00	30.98 0.91 0.00	26.76 0.85 0.00	24.67 0.78 0.00	30.62 0.87 0.00	37.16 0.96 0.00	36.54 0.98 0.00	37.91 1.12 0.00	42.16 1.44 0.00	42.99 1.60 0.00	39.59 1.74 1.58	45.15 0.94 0.00	44.15 0.91 0.00	43.03 0.94 0.00	47.51 1.09 0.00	49.40 1.13 0.00	58.38 1.11 0.00	63.59 0.74 7.73	45.12 0.44 0.00	38.65 0.40 2.52	34.12 0.50 0.00	28.70 0.43 0.00
PJM_GEN_VFT_PROXY 323633	20.17 0.72 0.00	24.97 1.01 -1.47	25.92 1.01 0.00	31.27 1.21 0.00	27.01 1.11 0.00	24.99 1.10 0.00	31.23 1.48 0.00	37.89 1.69 0.00	37.17 1.61 0.00	38.45 1.66 0.00	42.47 1.75 0.00	43.42 2.02 0.00	39.72 1.90 1.61	45.67 1.47 0.00	44.65 1.42 0.00	43.59 1.50 0.00	48.21 1.78 0.00	50.14 1.87 0.00	59.45 2.19 0.00	72.68 2.09 0.00	45.82 1.14 0.00	41.94 1.17 0.00	34.63 1.01 0.00	29.02 0.75 0.00
PLATSBURG_115KV_PMLD1 355749	19.85 0.39 0.00	21.03 -1.45 0.00	22.76 -2.15 0.00	27.45 -2.61 0.00	23.91 -1.99 0.00	22.12 -1.77 0.00	26.94 -2.81 0.00	32.42 -3.78 0.00	31.50 -4.06 0.00	31.92 -4.87 0.00	35.50 -5.22 0.00	34.04 -2.56 4.80	38.13 -1.30 0.00	42.43 -1.77 0.00	41.62 -1.62 0.00	40.60 -1.49 0.00	44.58 -1.85 0.00	46.41 -1.86 0.00	55.63 -1.63 0.00	69.51 -1.07 0.00	43.89 -0.79 0.00	40.68 -0.09 0.00	34.20 0.58 0.00	28.94 0.67 0.00
PLEASANTVLY___LBMP 24000	20.01 0.56 0.00	23.35 0.87 0.00	25.82 0.91 0.00	31.15 1.09 0.00	26.86 0.95 0.00	24.79 0.90 0.00	30.92 1.17 0.00	37.48 1.28 0.00	36.80 1.24 0.00	38.12 1.33 0.00	42.18 1.46 0.00	43.07 1.68 0.00	41.07 1.63 0.00	45.44 1.24 0.00	44.43 1.20 0.00	43.33 1.24 0.00	47.90 1.47 0.00	49.74 1.47 0.00	58.89 1.63 0.00	72.08 1.49 0.00	45.57 0.89 0.00	41.66 0.89 0.00	34.37 0.76 0.00	28.80 0.53 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.16 0.70 0.00	23.50 1.01 0.00	25.97 1.06 0.00	31.34 1.28 0.00	27.04 1.13 0.00	24.98 1.09 0.00	31.19 1.44 0.00	37.81 1.61 0.00	37.12 1.56 0.00	38.44 1.65 0.00	42.54 1.82 0.00	43.47 2.07 0.00	41.41 1.99 0.00	45.79 1.59 0.00	44.77 1.54 0.00	43.68 1.59 0.00	48.29 1.86 0.00	50.18 1.91 0.00	59.45 2.18 0.00	72.71 2.13 0.00	45.94 1.26 0.00	42.00 1.23 0.00	34.66 1.04 0.00	29.05 0.78 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.16 0.70 0.00	23.50 1.01 0.00	25.97 1.06 0.00	31.34 1.28 0.00	27.04 1.13 0.00	24.98 1.09 0.00	31.19 1.44 0.00	37.81 1.61 0.00	37.12 1.56 0.00	38.44 1.65 0.00	42.54 1.82 0.00	43.47 2.07 0.00	41.41 1.99 0.00	45.79 1.59 0.00	44.77 1.54 0.00	43.68 1.59 0.00	48.29 1.86 0.00	50.18 1.91 0.00	59.45 2.18 0.00	72.71 2.13 0.00	45.94 1.26 0.00	42.00 1.23 0.00	34.66 1.04 0.00	29.05 0.78 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.19 0.73 0.00	23.53 1.04 0.00	26.02 1.11 0.00	31.38 1.32 0.00	27.06 1.15 0.00	24.97 1.09 0.00	31.18 1.43 0.00	37.84 1.64 0.00	37.17 1.62 0.00	38.52 1.73 0.00	42.66 1.95 0.00	43.58 2.18 0.00	41.55 2.12 0.00	46.00 1.80 0.00	44.98 1.74 0.00	43.86 1.77 0.00	48.49 2.06 0.00	50.39 2.12 0.00	59.67 2.40 0.00	73.03 2.45 0.00	46.16 1.48 0.00	42.15 1.38 0.00	34.74 1.12 0.00	29.10 0.83 0.00
POLETTI_____ 23519	20.03 0.58 0.00	23.33 0.85 0.00	25.75 0.84 0.00	30.84 0.78 0.00	26.57 0.66 0.00	24.64 0.76 0.00	30.81 1.07 0.00	37.43 1.22 0.00	36.80 1.24 0.00	38.11 1.32 0.00	42.14 1.42 0.00	43.06 1.66 0.00	41.04 1.61 0.00	45.28 1.08 0.00	44.27 1.04 0.00	43.22 1.13 0.00	47.78 1.35 0.00	49.72 1.44 0.00	58.91 1.65 0.00	72.04 1.45 0.00	45.47 0.80 0.00	41.61 0.84 0.00	34.37 0.75 0.00	28.79 0.52 0.00
POMONA___ESR 323819	20.15 0.70 0.00	23.48 0.99 0.00	25.93 1.02 0.00	31.29 1.22 0.00	26.99 1.08 0.00	24.94 1.06 0.00	31.16 1.42 0.00	37.84 1.64 0.00	37.10 1.55 0.00	38.39 1.59 0.00	42.45 1.73 0.00	43.39 2.00 0.00	41.32 1.89 0.00	45.74 1.54 0.00	44.72 1.48 0.00	43.67 1.58 0.00	48.32 1.90 0.00	50.22 1.95 0.00	59.51 2.24 0.00	72.73 2.15 0.00	45.94 1.26 0.00	42.00 1.23 0.00	34.63 1.01 0.00	29.03 0.76 0.00
PORT_JEFF_3 23555	19.73 0.27 0.00	23.14 0.65 0.00	25.74 0.83 0.00	31.01 0.94 0.00	26.80 0.90 0.00	24.63 0.75 0.00	30.52 0.78 0.00	37.18 0.97 0.00	36.65 1.10 0.00	38.06 1.26 0.00	42.27 1.56 0.00	43.13 1.74 0.00	41.41 1.95 -0.03	45.25 1.05 0.00	44.21 0.98 0.00	43.05 0.95 0.00	47.42 1.00 0.00	49.29 1.01 0.00	58.18 0.92 0.00	63.68 0.31 7.23	44.85 0.17 0.00	38.40 -0.02 2.36	33.86 0.24 0.00	28.61 0.34 0.00
PORT_JEFF_4 23616	19.73 0.27 0.00	23.14 0.65 0.00	25.74 0.83 0.00	31.01 0.94 0.00	26.80 0.90 0.00	24.63 0.75 0.00	30.52 0.78 0.00	37.18 0.97 0.00	36.65 1.10 0.00	38.06 1.26 0.00	42.27 1.56 0.00	43.13 1.74 0.00	41.41 1.95 -0.03	45.25 1.05 0.00	44.21 0.98 0.00	43.05 0.95 0.00	47.42 1.00 0.00	49.29 1.01 0.00	58.18 0.92 0.00	63.68 0.31 7.23	44.85 0.17 0.00	38.40 -0.02 2.36	33.86 0.24 0.00	28.61 0.34 0.00

PORT_JEFF_IC 23713	19.76 0.30 0.00	23.16 0.68 0.00	25.77 0.86 0.00	31.05 0.98 0.00	26.85 0.94 0.00	24.67 0.79 0.00	30.58 0.84 0.00	37.23 1.03 0.00	36.69 1.13 0.00	38.13 1.33 0.00	42.37 1.66 0.00	43.21 1.82 0.00	41.47 2.01 -0.03	45.34 1.14 0.00	44.30 1.07 0.00	43.13 1.04 0.00	47.51 1.09 0.00	49.18 0.90 0.00	58.07 0.80 0.00	63.65 0.24 7.18	44.97 0.29 0.00	38.53 0.10 2.34	33.94 0.32 0.00	28.69 0.42 0.00
PPL PILGRIM_ST_GT1 24216	19.96 0.50 0.00	23.35 0.86 0.00	25.89 0.98 0.00	31.21 1.14 0.00	26.95 1.04 0.00	24.83 0.95 0.00	30.75 1.01 0.00	37.34 1.14 0.00	36.81 1.25 0.00	38.23 1.43 0.00	42.57 1.85 0.00	43.44 2.05 0.00	41.69 2.22 -0.03	45.56 1.36 0.00	44.54 1.30 0.00	43.39 1.30 0.00	47.87 1.45 0.00	49.81 1.53 0.00	58.38 1.11 0.00	64.11 0.48 6.96	45.33 0.65 0.00	39.01 0.51 2.27	34.29 0.68 0.00	28.91 0.64 0.00
PPL PILGRIM_ST_GT2 24217	19.96 0.50 0.00	23.35 0.86 0.00	25.89 0.98 0.00	31.21 1.14 0.00	26.95 1.04 0.00	24.83 0.95 0.00	30.75 1.01 0.00	37.34 1.14 0.00	36.81 1.25 0.00	38.23 1.43 0.00	42.57 1.85 0.00	43.44 2.05 0.00	41.69 2.22 -0.03	45.56 1.36 0.00	44.54 1.30 0.00	43.39 1.30 0.00	47.87 1.45 0.00	49.81 1.53 0.00	58.38 1.11 0.00	64.11 0.48 6.96	45.33 0.65 0.00	39.01 0.51 2.27	34.29 0.68 0.00	28.91 0.64 0.00
PPL_SHRM_GT3 24213	19.47 0.01 0.00	22.92 0.44 0.00	25.59 0.68 0.00	30.83 0.76 0.00	26.67 0.76 0.00	24.40 0.52 0.00	30.26 0.51 0.00	37.03 0.82 0.00	36.53 0.98 0.00	37.68 0.89 0.00	41.77 1.05 0.00	42.84 1.45 0.00	41.15 1.68 -0.03	44.94 0.74 0.00	43.91 0.67 0.00	42.71 0.62 0.00	47.11 0.68 0.00	49.00 0.72 0.00	57.91 0.65 0.00	63.40 0.02 7.20	44.61 -0.07 0.00	38.23 -0.20 2.35	33.66 0.05 0.00	28.50 0.23 0.00
PPL_SHRM_GT4 24214	19.47 0.01 0.00	22.92 0.44 0.00	25.59 0.68 0.00	30.83 0.76 0.00	26.67 0.76 0.00	24.40 0.52 0.00	30.26 0.51 0.00	37.03 0.82 0.00	36.53 0.98 0.00	37.68 0.89 0.00	41.77 1.05 0.00	42.84 1.45 0.00	41.15 1.68 -0.03	44.94 0.74 0.00	43.91 0.67 0.00	42.71 0.62 0.00	47.11 0.68 0.00	49.00 0.72 0.00	57.91 0.65 0.00	63.40 0.02 7.20	44.61 -0.07 0.00	38.23 -0.20 2.35	33.66 0.05 0.00	28.50 0.23 0.00
PROJECT___ORANGE 1 24174	19.21 -0.24 0.00	22.33 -0.16 0.00	24.72 -0.19 0.00	29.85 -0.22 0.00	25.74 -0.16 0.00	23.75 -0.13 0.00	29.61 -0.14 0.00	36.15 -0.06 0.00	35.49 -0.07 0.00	36.74 -0.06 0.00	40.67 -0.05 0.00	41.44 0.04 0.00	39.47 0.04 0.00	44.16 -0.05 0.00	43.20 -0.04 0.00	42.10 0.00 0.00	46.41 -0.01 0.00	48.32 0.04 0.00	57.21 -0.06 0.00	70.30 -0.29 0.00	44.47 -0.21 0.00	40.50 -0.27 0.00	33.39 -0.22 0.00	28.08 -0.19 0.00
PROJECT___ORANGE 2 24166	19.21 -0.24 0.00	22.33 -0.16 0.00	24.72 -0.19 0.00	29.85 -0.22 0.00	25.74 -0.16 0.00	23.75 -0.13 0.00	29.61 -0.14 0.00	36.15 -0.06 0.00	35.49 -0.07 0.00	36.74 -0.06 0.00	40.67 -0.05 0.00	41.44 0.04 0.00	39.47 0.04 0.00	44.16 -0.05 0.00	43.20 -0.04 0.00	42.10 0.00 0.00	46.41 -0.01 0.00	48.32 0.04 0.00	57.21 -0.06 0.00	70.30 -0.29 0.00	44.47 -0.21 0.00	40.50 -0.27 0.00	33.39 -0.22 0.00	28.08 -0.19 0.00
PUCKETT___SOLAR 323809	19.52 0.06 0.00	22.86 0.37 0.00	25.31 0.40 0.00	30.50 0.43 0.00	26.31 0.40 0.00	24.25 0.36 0.00	30.28 0.54 0.00	36.80 0.59 0.00	36.02 0.46 0.00	37.21 0.41 0.00	41.32 0.61 0.00	42.19 0.79 0.00	40.19 0.76 0.00	44.96 0.75 0.00	43.93 0.69 0.00	42.84 0.75 0.00	47.33 0.90 0.00	49.36 1.08 0.00	58.71 1.45 0.00	72.10 1.51 0.00	45.61 0.93 0.00	41.57 0.80 0.00	34.28 0.66 0.00	28.96 0.70 0.00
PYRITES___HYD 24023	20.17 0.72 0.00	21.47 -1.02 0.00	23.49 -1.42 0.00	28.44 -1.63 0.00	24.74 -1.17 0.00	23.02 -0.87 0.00	28.50 -1.24 0.00	34.61 -1.59 0.00	33.72 -1.84 0.00	34.19 -2.60 0.00	37.94 -2.78 0.00	40.94 -0.45 0.00	39.82 0.39 0.00	45.09 0.89 0.00	43.87 0.63 0.00	42.81 0.72 0.00	47.30 0.87 0.00	49.34 1.06 0.00	59.15 1.89 0.00	73.73 3.15 0.00	46.58 1.90 0.00	42.75 1.98 0.00	35.35 1.74 0.00	29.77 1.50 0.00
QUAKERRD_115KV_BK1 80622	19.00 -0.46 0.00	22.08 -0.41 0.00	24.42 -0.49 0.00	29.50 -0.57 0.00	25.49 -0.42 0.00	23.51 -0.38 0.00	29.18 -0.57 0.00	35.34 -0.86 0.00	34.77 -0.79 0.00	36.02 -0.78 0.00	40.01 -0.71 0.00	40.88 -0.51 0.00	39.03 -0.40 0.00	43.71 -0.50 0.00	42.79 -0.45 0.00	41.61 -0.48 0.00	45.71 -0.72 0.00	47.57 -0.70 0.00	56.20 -1.07 0.00	69.10 -1.49 0.00	43.77 -0.91 0.00	39.75 -1.02 0.00	32.82 -0.80 0.00	27.89 -0.38 0.00
QUENSBRY_115KV_TB8 356137	20.05 0.59 0.00	23.38 0.89 0.00	25.87 0.95 0.00	31.28 1.21 0.00	26.97 1.06 0.00	24.91 1.03 0.00	30.89 1.15 0.00	37.63 1.42 0.00	37.16 1.60 0.00	38.60 1.81 0.00	42.66 1.94 0.00	43.43 2.03 0.00	41.46 2.03 0.00	46.01 1.81 0.00	45.07 1.83 0.00	44.00 1.91 0.00	48.71 2.29 0.00	50.42 2.15 0.00	59.83 2.57 0.00	73.37 2.79 0.00	46.34 1.66 0.00	42.24 1.47 0.00	34.74 1.13 0.00	29.01 0.74 0.00
RAMAPO___LBMP 323565	20.09 0.64 0.00	23.41 0.92 0.00	25.85 0.94 0.00	31.19 1.12 0.00	26.90 0.99 0.00	24.86 0.98 0.00	31.07 1.32 0.00	37.72 1.51 0.00	36.98 1.42 0.00	38.25 1.46 0.00	42.29 1.57 0.00	43.22 1.83 0.00	41.14 1.71 0.00	45.55 1.35 0.00	44.55 1.31 0.00	43.50 1.41 0.00	48.14 1.72 0.00	50.03 1.76 0.00	59.29 2.03 0.00	72.48 1.89 0.00	45.78 1.10 0.00	41.86 1.09 0.00	34.50 0.89 0.00	28.94 0.67 0.00
RANKINE____ 23646	19.33 -0.12 0.00	22.62 0.13 0.00	25.02 0.10 0.00	30.21 0.14 0.00	26.19 0.28 0.00	24.06 0.18 0.00	29.57 -0.17 0.00	35.55 -0.66 0.00	34.72 -0.84 0.00	35.91 -0.88 0.00	40.03 -0.69 0.00	41.17 -0.22 0.00	39.29 -0.14 0.00	44.10 -0.11 0.00	43.10 -0.13 0.00	41.82 -0.27 0.00	45.74 -0.68 0.00	47.57 -0.70 0.00	56.18 -1.09 0.00	68.79 -1.80 0.00	43.81 -0.87 0.00	39.77 -1.00 0.00	33.11 -0.50 0.00	28.76 0.49 0.00
RAVENSWOOD_GT2_1 24244	20.23 0.77 0.00	23.58 1.09 0.00	26.03 1.11 0.00	31.41 1.34 0.00	27.11 1.20 0.00	25.07 1.18 0.00	31.33 1.58 0.00	38.00 1.79 0.00	37.28 1.72 0.00	38.60 1.80 0.00	42.68 1.97 0.00	43.61 2.21 0.00	41.54 2.11 0.00	45.89 1.68 0.00	44.87 1.63 0.00	43.80 1.70 0.00	48.42 1.99 0.00	50.35 2.08 0.00	59.67 2.41 0.00	72.95 2.37 0.00	46.04 1.36 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.17 0.90 0.00
RAVENSWOOD_GT2_2 24245	20.23 0.77 0.00	23.58 1.09 0.00	26.03 1.11 0.00	31.41 1.34 0.00	27.11 1.20 0.00	25.07 1.18 0.00	31.33 1.58 0.00	38.00 1.79 0.00	37.28 1.72 0.00	38.60 1.80 0.00	42.68 1.97 0.00	43.61 2.21 0.00	41.54 2.11 0.00	45.89 1.68 0.00	44.87 1.63 0.00	43.80 1.70 0.00	48.42 1.99 0.00	50.35 2.08 0.00	59.67 2.41 0.00	72.95 2.37 0.00	46.04 1.36 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.17 0.90 0.00

RAVENSWOOD_GT2_3 24246	20.24 0.79 0.00	23.58 1.10 0.00	26.03 1.12 0.00	31.42 1.35 0.00	27.12 1.21 0.00	25.08 1.20 0.00	31.34 1.59 0.00	38.02 1.81 0.00	37.30 1.74 0.00	38.61 1.82 0.00	42.70 1.98 0.00	43.64 2.24 0.00	41.57 2.14 0.00	45.92 1.72 0.00	44.89 1.66 0.00	43.81 1.72 0.00	48.45 2.02 0.00	50.38 2.11 0.00	59.69 2.43 0.00	72.98 2.39 0.00	46.06 1.38 0.00	42.15 1.38 0.00	34.82 1.20 0.00	29.18 0.91 0.00
RAVENSWOOD_GT2_4 24247	20.24 0.79 0.00	23.58 1.10 0.00	26.03 1.12 0.00	31.42 1.35 0.00	27.12 1.21 0.00	25.08 1.20 0.00	31.34 1.59 0.00	38.02 1.81 0.00	37.30 1.74 0.00	38.61 1.82 0.00	42.70 1.98 0.00	43.64 2.24 0.00	41.57 2.14 0.00	45.92 1.72 0.00	44.89 1.66 0.00	43.81 1.72 0.00	48.45 2.02 0.00	50.38 2.11 0.00	59.69 2.43 0.00	72.98 2.39 0.00	46.06 1.38 0.00	42.15 1.38 0.00	34.82 1.20 0.00	29.18 0.91 0.00
RAVENSWOOD_GT3_1 24248	20.23 0.78 0.00	23.58 1.09 0.00	26.03 1.11 0.00	31.41 1.34 0.00	27.11 1.20 0.00	25.07 1.18 0.00	31.33 1.58 0.00	38.00 1.79 0.00	37.28 1.72 0.00	38.60 1.80 0.00	42.68 1.97 0.00	43.61 2.21 0.00	41.54 2.11 0.00	45.89 1.68 0.00	44.87 1.63 0.00	43.80 1.70 0.00	48.42 1.99 0.00	50.35 2.08 0.00	59.67 2.41 0.00	72.95 2.37 0.00	46.04 1.36 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.17 0.90 0.00
RAVENSWOOD_GT3_2 24249	20.23 0.78 0.00	23.58 1.09 0.00	26.03 1.11 0.00	31.41 1.34 0.00	27.11 1.20 0.00	25.07 1.18 0.00	31.33 1.58 0.00	38.00 1.79 0.00	37.28 1.72 0.00	38.60 1.80 0.00	42.68 1.97 0.00	43.61 2.21 0.00	41.54 2.11 0.00	45.89 1.68 0.00	44.87 1.63 0.00	43.80 1.70 0.00	48.42 1.99 0.00	50.35 2.08 0.00	59.67 2.41 0.00	72.95 2.37 0.00	46.04 1.36 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.17 0.90 0.00
RAVENSWOOD_GT3_3 24250	20.26 0.81 0.00	23.61 1.12 0.00	26.05 1.14 0.00	31.45 1.39 0.00	27.14 1.23 0.00	25.11 1.22 0.00	31.37 1.62 0.00	38.05 1.85 0.00	37.34 1.78 0.00	38.66 1.87 0.00	42.75 2.03 0.00	43.69 2.29 0.00	41.61 2.18 0.00	45.98 1.77 0.00	44.95 1.72 0.00	43.86 1.77 0.00	48.51 2.09 0.00	50.44 2.17 0.00	59.76 2.50 0.00	73.06 2.48 0.00	46.12 1.44 0.00	42.20 1.42 0.00	34.85 1.23 0.00	29.21 0.94 0.00
RAVENSWOOD_GT3_4 24251	20.26 0.81 0.00	23.61 1.12 0.00	26.05 1.14 0.00	31.45 1.39 0.00	27.14 1.23 0.00	25.11 1.22 0.00	31.37 1.62 0.00	38.05 1.85 0.00	37.34 1.78 0.00	38.66 1.87 0.00	42.75 2.03 0.00	43.69 2.29 0.00	41.61 2.18 0.00	45.98 1.77 0.00	44.95 1.72 0.00	43.86 1.77 0.00	48.51 2.09 0.00	50.44 2.17 0.00	59.76 2.50 0.00	73.06 2.48 0.00	46.12 1.44 0.00	42.20 1.42 0.00	34.85 1.23 0.00	29.21 0.94 0.00
RAVENSWOOD_GT_1 23729	20.27 0.81 0.00	23.61 1.12 0.00	26.06 1.15 0.00	31.39 1.32 0.00	27.08 1.17 0.00	25.07 1.19 0.00	31.34 1.60 0.00	38.01 1.80 0.00	37.26 1.71 0.00	38.56 1.76 0.00	42.63 1.91 0.00	43.57 2.18 0.00	41.51 2.08 0.00	45.84 1.64 0.00	44.82 1.58 0.00	43.76 1.66 0.00	48.37 1.94 0.00	50.31 2.03 0.00	59.59 2.33 0.00	72.84 2.25 0.00	45.99 1.31 0.00	42.13 1.36 0.00	34.87 1.25 0.00	29.22 0.95 0.00
RAVENSWOOD_GT_10 24258	20.23 0.77 0.00	23.58 1.09 0.00	26.03 1.11 0.00	31.41 1.34 0.00	27.11 1.20 0.00	25.07 1.19 0.00	31.33 1.59 0.00	38.00 1.80 0.00	37.29 1.73 0.00	38.60 1.81 0.00	42.69 1.97 0.00	43.63 2.23 0.00	41.55 2.12 0.00	45.91 1.70 0.00	44.87 1.64 0.00	43.80 1.71 0.00	48.43 2.00 0.00	50.36 2.09 0.00	59.69 2.42 0.00	72.96 2.37 0.00	46.05 1.37 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.17 0.90 0.00
RAVENSWOOD_GT_11 24259	20.23 0.77 0.00	23.58 1.09 0.00	26.03 1.11 0.00	31.41 1.34 0.00	27.11 1.20 0.00	25.07 1.19 0.00	31.33 1.59 0.00	38.00 1.80 0.00	37.29 1.73 0.00	38.60 1.81 0.00	42.69 1.97 0.00	43.63 2.23 0.00	41.55 2.12 0.00	45.91 1.70 0.00	44.87 1.64 0.00	43.80 1.71 0.00	48.43 2.00 0.00	50.36 2.09 0.00	59.69 2.42 0.00	72.96 2.37 0.00	46.05 1.37 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.17 0.90 0.00
RAVENSWOOD_GT_4 24252	20.23 0.77 0.00	23.58 1.09 0.00	26.02 1.11 0.00	31.42 1.35 0.00	27.12 1.21 0.00	25.08 1.20 0.00	31.34 1.59 0.00	38.01 1.81 0.00	37.29 1.74 0.00	38.62 1.83 0.00	42.72 2.00 0.00	43.65 2.25 0.00	41.57 2.14 0.00	45.93 1.73 0.00	44.91 1.67 0.00	43.82 1.72 0.00	48.46 2.04 0.00	50.39 2.11 0.00	59.72 2.46 0.00	73.01 2.42 0.00	46.08 1.40 0.00	42.15 1.38 0.00	34.79 1.17 0.00	29.17 0.90 0.00
RAVENSWOOD_GT_5 24254	20.23 0.77 0.00	23.58 1.09 0.00	26.02 1.11 0.00	31.42 1.35 0.00	27.12 1.21 0.00	25.08 1.20 0.00	31.34 1.59 0.00	38.01 1.81 0.00	37.29 1.74 0.00	38.62 1.83 0.00	42.72 2.00 0.00	43.65 2.25 0.00	41.57 2.14 0.00	45.93 1.73 0.00	44.91 1.67 0.00	43.82 1.72 0.00	48.46 2.04 0.00	50.39 2.11 0.00	59.72 2.46 0.00	73.01 2.42 0.00	46.08 1.40 0.00	42.15 1.38 0.00	34.79 1.17 0.00	29.17 0.90 0.00
RAVENSWOOD_GT_6 24253	20.23 0.77 0.00	23.58 1.09 0.00	26.02 1.11 0.00	31.42 1.35 0.00	27.12 1.21 0.00	25.08 1.20 0.00	31.34 1.59 0.00	38.01 1.81 0.00	37.29 1.74 0.00	38.62 1.83 0.00	42.72 2.00 0.00	43.65 2.25 0.00	41.57 2.14 0.00	45.93 1.73 0.00	44.91 1.67 0.00	43.82 1.72 0.00	48.46 2.04 0.00	50.39 2.11 0.00	59.72 2.46 0.00	73.01 2.42 0.00	46.08 1.40 0.00	42.15 1.38 0.00	34.79 1.17 0.00	29.17 0.90 0.00
RAVENSWOOD_GT_7 24255	20.23 0.77 0.00	23.58 1.09 0.00	26.02 1.11 0.00	31.42 1.35 0.00	27.12 1.21 0.00	25.08 1.20 0.00	31.34 1.59 0.00	38.01 1.81 0.00	37.29 1.74 0.00	38.62 1.83 0.00	42.72 2.00 0.00	43.65 2.25 0.00	41.57 2.14 0.00	45.93 1.73 0.00	44.91 1.67 0.00	43.82 1.72 0.00	48.46 2.04 0.00	50.39 2.11 0.00	59.72 2.46 0.00	73.01 2.42 0.00	46.08 1.40 0.00	42.15 1.38 0.00	34.79 1.17 0.00	29.17 0.90 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.23 0.77 0.00	23.58 1.09 0.00	26.03 1.11 0.00	31.41 1.34 0.00	27.11 1.20 0.00	25.07 1.19 0.00	31.33 1.59 0.00	38.00 1.80 0.00	37.29 1.73 0.00	38.60 1.81 0.00	42.69 1.97 0.00	43.63 2.23 0.00	41.55 2.12 0.00	45.91 1.70 0.00	44.87 1.64 0.00	43.80 1.71 0.00	48.43 2.00 0.00	50.36 2.09 0.00	59.69 2.42 0.00	72.96 2.37 0.00	46.05 1.37 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.17 0.90 0.00
RAVENSWOOD_GT_9 24257	20.23 0.77 0.00	23.58 1.09 0.00	26.03 1.11 0.00	31.41 1.34 0.00	27.11 1.20 0.00	25.07 1.19 0.00	31.33 1.59 0.00	38.00 1.80 0.00	37.29 1.73 0.00	38.60 1.81 0.00	42.69 1.97 0.00	43.63 2.23 0.00	41.55 2.12 0.00	45.91 1.70 0.00	44.87 1.64 0.00	43.80 1.71 0.00	48.43 2.00 0.00	50.36 2.09 0.00	59.69 2.42 0.00	72.96 2.37 0.00	46.05 1.37 0.00	42.13 1.36 0.00	34.80 1.18 0.00	29.17 0.90 0.00

RAVENSWOOD___1 23533	20.25 0.80 0.00	23.59 1.10 0.00	26.04 1.13 0.00	31.37 1.30 0.00	27.06 1.15 0.00	25.06 1.17 0.00	31.32 1.57 0.00	37.97 1.77 0.00	37.24 1.68 0.00	38.53 1.74 0.00	42.60 1.88 0.00	43.54 2.14 0.00	41.48 2.05 0.00	45.80 1.60 0.00	44.78 1.54 0.00	43.72 1.63 0.00	48.33 1.90 0.00	50.26 1.99 0.00	59.55 2.29 0.00	72.77 2.19 0.00	45.96 1.28 0.00	42.09 1.32 0.00	34.83 1.22 0.00	29.20 0.93 0.00
RAVENSWOOD___2 23534	20.23 0.77 0.00	23.55 1.06 0.00	26.00 1.09 0.00	31.30 1.24 0.00	27.01 1.11 0.00	25.02 1.13 0.00	31.27 1.52 0.00	37.87 1.66 0.00	37.11 1.56 0.00	38.33 1.54 0.00	42.28 1.56 0.00	43.19 1.79 0.00	41.17 1.74 0.00	45.44 1.24 0.00	44.43 1.19 0.00	43.38 1.29 0.00	47.95 1.53 0.00	49.87 1.60 0.00	59.09 1.83 0.00	72.20 1.62 0.00	45.62 0.94 0.00	41.85 1.07 0.00	34.76 1.14 0.00	29.15 0.88 0.00
RAVENSWOOD___3 23535	20.23 0.78 0.00	23.58 1.09 0.00	26.03 1.11 0.00	31.41 1.34 0.00	27.11 1.20 0.00	25.07 1.19 0.00	31.33 1.58 0.00	38.00 1.79 0.00	37.28 1.73 0.00	38.60 1.80 0.00	42.68 1.97 0.00	43.61 2.22 0.00	41.54 2.11 0.00	45.89 1.69 0.00	44.87 1.63 0.00	43.80 1.70 0.00	48.42 1.99 0.00	50.36 2.08 0.00	59.67 2.41 0.00	72.95 2.36 0.00	46.04 1.36 0.00	42.13 1.36 0.00	34.81 1.19 0.00	29.17 0.90 0.00
RAVENSWOOD___4 23820	20.25 0.80 0.00	23.59 1.10 0.00	26.04 1.13 0.00	31.37 1.30 0.00	27.06 1.15 0.00	25.06 1.17 0.00	31.32 1.57 0.00	37.97 1.77 0.00	37.24 1.68 0.00	38.53 1.74 0.00	42.60 1.88 0.00	43.54 2.14 0.00	41.48 2.05 0.00	45.80 1.60 0.00	44.78 1.54 0.00	43.72 1.63 0.00	48.33 1.90 0.00	50.26 1.99 0.00	59.55 2.29 0.00	72.77 2.19 0.00	45.96 1.28 0.00	42.09 1.32 0.00	34.83 1.22 0.00	29.20 0.93 0.00
RCPL_TRUST___DRP 24196	20.24 0.79 0.00	23.58 1.10 0.00	26.03 1.12 0.00	31.45 1.38 0.00	27.15 1.24 0.00	25.11 1.22 0.00	31.37 1.63 0.00	38.07 1.87 0.00	37.35 1.79 0.00	38.67 1.88 0.00	42.76 2.04 0.00	43.69 2.30 0.00	41.59 2.16 0.00	45.93 1.73 0.00	44.91 1.67 0.00	43.84 1.75 0.00	48.46 2.04 0.00	50.42 2.15 0.00	59.75 2.49 0.00	73.05 2.46 0.00	46.07 1.39 0.00	42.14 1.37 0.00	34.81 1.19 0.00	29.17 0.90 0.00
RED___ROCHESTER 323720	19.46 0.01 0.00	22.63 0.14 0.00	25.01 0.10 0.00	30.21 0.14 0.00	26.11 0.20 0.00	24.08 0.19 0.00	29.89 0.15 0.00	36.34 0.14 0.00	35.62 0.06 0.00	36.89 0.09 0.00	41.00 0.29 0.00	41.96 0.56 0.00	40.07 0.64 0.00	44.86 0.65 0.00	43.94 0.71 0.00	42.72 0.63 0.00	46.90 0.47 0.00	48.82 0.55 0.00	57.63 0.36 0.00	70.86 0.27 0.00	44.90 0.22 0.00	40.75 -0.03 0.00	33.66 0.04 0.00	28.69 0.42 0.00
REGAN___SOLAR 323812	19.93 0.48 0.00	23.08 0.59 0.00	25.58 0.66 0.00	30.89 0.83 0.00	26.62 0.71 0.00	24.59 0.70 0.00	30.75 1.00 0.00	37.59 1.38 0.00	36.92 1.36 0.00	38.16 1.37 0.00	42.30 1.58 0.00	42.97 1.57 0.00	40.78 1.34 0.00	45.69 1.49 0.00	44.79 1.55 0.00	43.77 1.68 0.00	48.45 2.03 0.00	50.46 2.19 0.00	59.71 2.44 0.00	73.68 3.09 0.00	46.56 1.89 0.00	42.39 1.61 0.00	34.82 1.21 0.00	29.20 0.93 0.00
RENSSELAER___COGEN 23796	19.55 0.10 0.00	22.83 0.35 0.00	25.29 0.38 0.00	30.47 0.41 0.00	26.29 0.38 0.00	24.24 0.35 0.00	30.10 0.35 0.00	36.37 0.16 0.00	35.74 0.18 0.00	36.97 0.17 0.00	40.81 0.09 0.00	41.57 0.17 0.00	39.70 0.27 0.00	44.08 -0.12 0.00	43.17 -0.07 0.00	42.00 -0.10 0.00	46.37 -0.05 0.00	48.01 -0.26 0.00	56.87 -0.40 0.00	69.81 -0.77 0.00	44.21 -0.47 0.00	40.37 -0.41 0.00	33.30 -0.32 0.00	27.98 -0.29 0.00
REPUBLIC_115KV_BARTNBK 55605	21.11 1.65 0.00	24.71 2.22 0.00	27.28 2.37 0.00	33.11 3.05 0.00	28.59 2.68 0.00	26.39 2.51 0.00	32.44 2.69 0.00	39.60 3.39 0.00	39.29 3.74 0.00	41.00 4.21 0.00	45.21 4.50 0.00	46.09 4.70 0.00	44.07 4.64 0.00	48.71 4.51 0.00	47.70 4.46 0.00	46.78 4.69 0.00	51.70 5.28 0.00	53.40 5.13 0.00	63.52 6.26 0.00	77.73 7.14 0.00	49.04 4.36 0.00	44.72 3.95 0.00	36.82 3.21 0.00	30.59 2.32 0.00
REVERE_CPPR_DRP 24186	19.86 0.41 0.00	22.96 0.47 0.00	25.48 0.56 0.00	30.84 0.77 0.00	26.57 0.67 0.00	24.60 0.71 0.00	30.73 0.99 0.00	37.59 1.38 0.00	36.99 1.44 0.00	38.20 1.41 0.00	42.20 1.48 0.00	43.04 1.64 0.00	40.96 1.53 0.00	46.02 1.82 0.00	44.97 1.73 0.00	43.83 1.74 0.00	48.44 2.01 0.00	50.63 2.36 0.00	59.95 2.69 0.00	73.76 3.17 0.00	46.59 1.91 0.00	42.40 1.63 0.00	34.94 1.32 0.00	29.31 1.04 0.00
REYNLDPA_13_KV_LD 356490	19.66 0.20 0.00	20.82 -1.67 0.00	22.72 -2.19 0.00	27.46 -2.61 0.00	23.90 -2.01 0.00	22.21 -1.68 0.00	27.40 -2.35 0.00	33.12 -3.09 0.00	32.23 -3.32 0.00	32.78 -4.02 0.00	36.57 -4.15 0.00	35.36 -1.24 4.80	39.28 -0.15 0.00	44.41 0.20 0.00	43.32 0.08 0.00	42.15 0.06 0.00	46.34 -0.08 0.00	48.45 0.17 0.00	57.76 0.50 0.00	71.80 1.21 0.00	45.43 0.75 0.00	41.48 0.71 0.00	34.21 0.59 0.00	28.86 0.59 0.00
REYNOLDS_115KV_TB3 80639	19.68 0.23 0.00	23.01 0.52 0.00	25.48 0.56 0.00	30.72 0.65 0.00	26.48 0.57 0.00	24.43 0.55 0.00	30.34 0.60 0.00	36.68 0.47 0.00	36.08 0.52 0.00	37.36 0.56 0.00	41.25 0.54 0.00	42.05 0.66 0.00	40.16 0.73 0.00	44.57 0.37 0.00	43.63 0.40 0.00	42.43 0.34 0.00	46.88 0.46 0.00	48.53 0.26 0.00	57.45 0.19 0.00	70.54 -0.05 0.00	44.68 0.00 0.00	40.78 0.01 0.00	33.64 0.02 0.00	28.22 -0.05 0.00
RIVERBAY____ 323610	20.63 1.17 0.00	24.05 1.56 0.00	26.56 1.65 0.00	31.88 1.81 0.00	27.46 1.55 0.00	25.48 1.60 0.00	31.84 2.10 0.00	38.67 2.47 0.00	37.98 2.42 0.00	39.33 2.54 0.00	43.47 2.76 0.00	44.45 3.05 0.00	42.37 2.94 0.00	46.78 2.57 0.00	45.72 2.48 0.00	44.63 2.54 0.00	49.33 2.91 0.00	51.30 3.03 0.00	60.78 3.52 0.00	74.30 3.71 0.00	46.90 2.22 0.00	42.88 2.11 0.00	35.42 1.80 0.00	29.68 1.42 0.00
RIVERSDE_115KV_TB3 55908	19.63 0.18 0.00	22.94 0.45 0.00	25.40 0.49 0.00	30.60 0.54 0.00	26.40 0.49 0.00	24.36 0.47 0.00	30.25 0.50 0.00	36.58 0.37 0.00	35.98 0.42 0.00	37.24 0.44 0.00	41.12 0.40 0.00	41.89 0.50 0.00	40.01 0.58 0.00	44.41 0.21 0.00	43.50 0.26 0.00	42.31 0.22 0.00	46.73 0.30 0.00	48.39 0.11 0.00	57.28 0.01 0.00	70.32 -0.27 0.00	44.53 -0.15 0.00	40.65 -0.12 0.00	33.53 -0.08 0.00	28.14 -0.13 0.00
ROARING___BROOK_WT_PWR 323790	19.24 -0.21 0.00	21.65 -0.84 0.00	23.86 -1.05 0.00	28.83 -1.23 0.00	24.83 -1.08 0.00	22.96 -0.92 0.00	28.53 -1.22 0.00	34.67 -1.53 0.00	33.98 -1.58 0.00	34.90 -1.90 0.00	38.72 -2.00 0.00	40.48 -0.91 0.00	39.09 -0.34 0.00	43.86 -0.34 0.00	42.89 -0.34 0.00	41.57 -0.52 0.00	45.94 -0.49 0.00	47.94 -0.33 0.00	57.08 -0.18 0.00	70.51 -0.08 0.00	44.57 -0.11 0.00	40.79 0.01 0.00	33.69 0.07 0.00	28.35 0.08 0.00

ROCHESRG_115KV_T4 355643	19.33 -0.12 0.00	22.48 0.00 0.00	24.87 -0.05 0.00	30.04 -0.03 0.00	25.96 0.05 0.00	23.93 0.04 0.00	29.68 -0.06 0.00	36.04 -0.17 0.00	35.32 -0.23 0.00	36.56 -0.24 0.00	40.64 -0.08 0.00	41.57 0.17 0.00	39.70 0.27 0.00	44.46 0.26 0.00	43.55 0.31 0.00	42.33 0.24 0.00	46.44 0.01 0.00	48.33 0.05 0.00	57.06 -0.20 0.00	70.13 -0.46 0.00	44.45 -0.23 0.00	40.38 -0.39 0.00	33.38 -0.24 0.00	28.46 0.19 0.00
ROCHESTER_9_IC 23652	19.42 -0.04 0.00	22.57 0.08 0.00	24.96 0.05 0.00	30.15 0.08 0.00	26.06 0.15 0.00	24.03 0.14 0.00	29.82 0.07 0.00	36.23 0.02 0.00	35.51 -0.05 0.00	36.77 -0.02 0.00	40.86 0.14 0.00	41.81 0.41 0.00	39.93 0.50 0.00	44.71 0.50 0.00	43.79 0.55 0.00	42.58 0.48 0.00	46.71 0.29 0.00	48.62 0.34 0.00	57.39 0.13 0.00	70.55 -0.03 0.00	44.71 0.03 0.00	40.60 -0.18 0.00	33.54 -0.08 0.00	28.61 0.34 0.00
ROCKVIEW_13_KV_LD 356306	20.24 0.78 0.00	23.60 1.11 0.00	26.05 1.14 0.00	31.45 1.38 0.00	27.14 1.23 0.00	25.08 1.20 0.00	31.32 1.58 0.00	37.98 1.78 0.00	37.27 1.71 0.00	38.59 1.80 0.00	42.71 1.99 0.00	43.65 2.25 0.00	41.59 2.16 0.00	45.97 1.76 0.00	44.93 1.69 0.00	43.85 1.76 0.00	48.51 2.09 0.00	50.44 2.17 0.00	59.76 2.50 0.00	73.07 2.49 0.00	46.14 1.46 0.00	42.19 1.42 0.00	34.82 1.20 0.00	29.18 0.91 0.00
ROME____115KV_TB2 80656	19.86 0.41 0.00	22.96 0.47 0.00	25.48 0.56 0.00	30.84 0.77 0.00	26.57 0.67 0.00	24.60 0.71 0.00	30.73 0.99 0.00	37.59 1.38 0.00	36.99 1.44 0.00	38.20 1.41 0.00	42.20 1.48 0.00	43.04 1.64 0.00	40.96 1.53 0.00	46.02 1.82 0.00	44.97 1.73 0.00	43.83 1.74 0.00	48.44 2.01 0.00	50.63 2.36 0.00	59.95 2.69 0.00	73.76 3.17 0.00	46.59 1.91 0.00	42.40 1.63 0.00	34.94 1.32 0.00	29.31 1.04 0.00
ROSETON___1 23587	20.03 0.57 0.00	23.36 0.87 0.00	25.83 0.91 0.00	31.17 1.10 0.00	26.86 0.94 0.00	24.78 0.90 0.00	30.90 1.15 0.00	37.46 1.25 0.00	36.76 1.20 0.00	38.09 1.29 0.00	42.14 1.43 0.00	43.05 1.65 0.00	41.04 1.61 0.00	45.41 1.21 0.00	44.41 1.17 0.00	43.32 1.23 0.00	47.85 1.42 0.00	49.67 1.40 0.00	58.80 1.54 0.00	71.97 1.39 0.00	45.52 0.84 0.00	41.66 0.89 0.00	34.36 0.75 0.00	28.80 0.53 0.00
ROSETON___2 23588	20.03 0.57 0.00	23.36 0.87 0.00	25.83 0.91 0.00	31.17 1.10 0.00	26.86 0.94 0.00	24.78 0.90 0.00	30.90 1.15 0.00	37.46 1.25 0.00	36.76 1.20 0.00	38.09 1.29 0.00	42.14 1.43 0.00	43.05 1.65 0.00	41.04 1.61 0.00	45.41 1.21 0.00	44.41 1.17 0.00	43.32 1.23 0.00	47.85 1.42 0.00	49.67 1.40 0.00	58.80 1.54 0.00	71.97 1.39 0.00	45.52 0.84 0.00	41.66 0.89 0.00	34.36 0.75 0.00	28.80 0.53 0.00
ROTTTRDAM_115KV_TB3 80664	19.80 0.34 0.00	23.04 0.55 0.00	25.53 0.62 0.00	30.82 0.75 0.00	26.55 0.64 0.00	24.48 0.59 0.00	30.48 0.73 0.00	37.03 0.83 0.00	36.42 0.86 0.00	37.72 0.93 0.00	41.73 1.01 0.00	42.50 1.11 0.00	40.54 1.11 0.00	45.14 0.94 0.00	44.17 0.94 0.00	43.03 0.94 0.00	47.55 1.13 0.00	49.35 1.07 0.00	58.44 1.18 0.00	71.80 1.21 0.00	45.45 0.77 0.00	41.49 0.72 0.00	34.17 0.55 0.00	28.66 0.39 0.00
RUSSELL___1 23602	19.46 0.01 0.00	22.62 0.14 0.00	25.01 0.10 0.00	30.21 0.14 0.00	26.11 0.20 0.00	24.08 0.19 0.00	29.89 0.15 0.00	36.35 0.14 0.00	35.62 0.06 0.00	36.89 0.09 0.00	41.00 0.29 0.00	41.96 0.56 0.00	40.07 0.65 0.00	44.85 0.65 0.00	43.94 0.71 0.00	42.72 0.63 0.00	46.90 0.47 0.00	48.82 0.55 0.00	57.62 0.36 0.00	70.86 0.27 0.00	44.89 0.21 0.00	40.75 -0.03 0.00	33.66 0.04 0.00	28.69 0.42 0.00
RUSSELL___2 23532	19.46 0.01 0.00	22.62 0.14 0.00	25.01 0.10 0.00	30.21 0.14 0.00	26.11 0.20 0.00	24.08 0.19 0.00	29.89 0.15 0.00	36.35 0.14 0.00	35.62 0.06 0.00	36.89 0.09 0.00	41.00 0.29 0.00	41.96 0.56 0.00	40.07 0.65 0.00	44.85 0.65 0.00	43.94 0.71 0.00	42.72 0.63 0.00	46.90 0.47 0.00	48.82 0.55 0.00	57.62 0.36 0.00	70.86 0.27 0.00	44.89 0.21 0.00	40.75 -0.03 0.00	33.66 0.04 0.00	28.69 0.42 0.00
RUSSELL___3 23549	19.46 0.01 0.00	22.62 0.14 0.00	25.01 0.10 0.00	30.21 0.14 0.00	26.11 0.20 0.00	24.08 0.19 0.00	29.89 0.15 0.00	36.35 0.14 0.00	35.62 0.06 0.00	36.89 0.09 0.00	41.00 0.29 0.00	41.96 0.56 0.00	40.07 0.65 0.00	44.85 0.65 0.00	43.94 0.71 0.00	42.72 0.63 0.00	46.90 0.47 0.00	48.82 0.55 0.00	57.62 0.36 0.00	70.86 0.27 0.00	44.89 0.21 0.00	40.75 -0.03 0.00	33.66 0.04 0.00	28.69 0.42 0.00
RUSSELL___4 23556	19.46 0.01 0.00	22.62 0.14 0.00	25.01 0.10 0.00	30.21 0.14 0.00	26.11 0.20 0.00	24.08 0.19 0.00	29.89 0.15 0.00	36.35 0.14 0.00	35.62 0.06 0.00	36.89 0.09 0.00	41.00 0.29 0.00	41.96 0.56 0.00	40.07 0.65 0.00	44.85 0.65 0.00	43.94 0.71 0.00	42.72 0.63 0.00	46.90 0.47 0.00	48.82 0.55 0.00	57.62 0.36 0.00	70.86 0.27 0.00	44.89 0.21 0.00	40.75 -0.03 0.00	33.66 0.04 0.00	28.69 0.42 0.00
RUSSELL___STATION 23914	19.46 0.01 0.00	22.62 0.14 0.00	25.01 0.10 0.00	30.21 0.14 0.00	26.11 0.20 0.00	24.08 0.19 0.00	29.89 0.15 0.00	36.35 0.14 0.00	35.62 0.06 0.00	36.89 0.09 0.00	41.00 0.29 0.00	41.96 0.56 0.00	40.07 0.65 0.00	44.85 0.65 0.00	43.94 0.71 0.00	42.72 0.63 0.00	46.90 0.47 0.00	48.82 0.55 0.00	57.62 0.36 0.00	70.86 0.27 0.00	44.89 0.21 0.00	40.75 -0.03 0.00	33.66 0.04 0.00	28.69 0.42 0.00
S SALMON___HYD 24043	19.24 -0.21 0.00	22.25 -0.24 0.00	24.67 -0.24 0.00	29.86 -0.21 0.00	25.77 -0.14 0.00	23.82 -0.06 0.00	29.64 -0.10 0.00	36.31 0.10 0.00	35.72 0.16 0.00	36.85 0.06 0.00	40.74 0.02 0.00	41.45 0.05 0.00	39.59 0.16 0.00	44.23 0.02 0.00	43.13 -0.10 0.00	42.18 0.09 0.00	46.57 0.14 0.00	48.65 0.37 0.00	57.69 0.43 0.00	71.06 0.47 0.00	44.88 0.21 0.00	41.00 0.23 0.00	33.80 0.18 0.00	28.36 0.09 0.00
S.PERRY__115KV_TB1 80734	19.85 0.40 0.00	23.16 0.67 0.00	25.59 0.67 0.00	30.90 0.83 0.00	26.76 0.85 0.00	24.68 0.80 0.00	30.66 0.91 0.00	37.39 1.19 0.00	36.48 0.92 0.00	37.74 0.94 0.00	41.79 1.07 0.00	42.79 1.40 0.00	40.78 1.35 0.00	45.72 1.52 0.00	44.73 1.49 0.00	43.56 1.46 0.00	47.89 1.46 0.00	50.10 1.83 0.00	59.22 1.96 0.00	72.83 2.24 0.00	46.24 1.56 0.00	41.99 1.22 0.00	34.70 1.09 0.00	29.66 1.39 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.27 -0.19 0.00	22.51 0.03 0.00	24.88 -0.03 0.00	30.07 0.01 0.00	26.06 0.15 0.00	23.93 0.04 0.00	29.39 -0.35 0.00	35.24 -0.97 0.00	34.43 -1.13 0.00	35.61 -1.18 0.00	39.71 -1.01 0.00	40.88 -0.52 0.00	39.07 -0.36 0.00	43.85 -0.35 0.00	42.90 -0.34 0.00	41.60 -0.49 0.00	45.39 -1.04 0.00	47.18 -1.10 0.00	55.62 -1.65 0.00	68.11 -2.48 0.00	43.40 -1.28 0.00	39.40 -1.38 0.00	32.83 -0.78 0.00	28.56 0.29 0.00

SAWYER___23_KV_LOAD 55526	19.27 -0.19 0.00	22.51 0.03 0.00	24.88 -0.03 0.00	30.07 0.01 0.00	26.06 0.15 0.00	23.93 0.04 0.00	29.39 -0.35 0.00	35.24 -0.97 0.00	34.43 -1.13 0.00	35.61 -1.18 0.00	39.71 -1.01 0.00	40.88 -0.52 0.00	39.07 -0.36 0.00	43.85 -0.35 0.00	42.90 -0.34 0.00	41.60 -0.49 0.00	45.39 -1.04 0.00	47.18 -1.10 0.00	55.62 -1.65 0.00	68.11 -2.48 0.00	43.40 -1.28 0.00	39.40 -1.38 0.00	32.83 -0.78 0.00	28.56 0.29 0.00
SELKIRK___I 23801	19.71 0.26 0.00	23.01 0.52 0.00	25.51 0.60 0.00	30.77 0.71 0.00	26.52 0.61 0.00	24.43 0.54 0.00	30.34 0.59 0.00	36.69 0.48 0.00	35.96 0.40 0.00	36.75 -0.04 0.00	40.31 -0.40 0.00	41.06 -0.34 0.00	39.17 -0.26 0.00	43.55 -0.65 0.00	42.65 -0.58 0.00	41.50 -0.59 0.00	45.85 -0.58 0.00	47.51 -0.77 0.00	56.24 -1.02 0.00	69.04 -1.55 0.00	43.73 -0.95 0.00	39.95 -0.82 0.00	32.97 -0.65 0.00	27.66 -0.61 0.00
SELKIRK___II 23799	19.63 0.17 0.00	22.90 0.41 0.00	25.39 0.48 0.00	30.60 0.53 0.00	26.38 0.47 0.00	24.33 0.44 0.00	30.20 0.45 0.00	36.46 0.25 0.00	35.72 0.16 0.00	36.89 0.09 0.00	40.69 -0.03 0.00	41.45 0.05 0.00	39.56 0.13 0.00	43.97 -0.24 0.00	43.04 -0.19 0.00	41.89 -0.20 0.00	46.26 -0.16 0.00	47.92 -0.35 0.00	56.75 -0.51 0.00	69.67 -0.92 0.00	44.12 -0.55 0.00	40.32 -0.46 0.00	33.24 -0.38 0.00	27.91 -0.35 0.00
SENECA OSWGO___HYD 24041	19.05 -0.41 0.00	22.12 -0.36 0.00	24.49 -0.43 0.00	29.56 -0.51 0.00	25.50 -0.41 0.00	23.52 -0.37 0.00	29.30 -0.45 0.00	35.80 -0.41 0.00	35.18 -0.38 0.00	36.40 -0.40 0.00	40.28 -0.44 0.00	41.00 -0.39 0.00	39.07 -0.36 0.00	43.71 -0.49 0.00	42.76 -0.48 0.00	41.68 -0.41 0.00	45.98 -0.44 0.00	47.85 -0.43 0.00	56.68 -0.58 0.00	69.71 -0.88 0.00	44.11 -0.57 0.00	40.17 -0.60 0.00	33.08 -0.54 0.00	27.80 -0.47 0.00
SENECA___115KV_TB3 355854	19.36 -0.09 0.00	22.64 0.15 0.00	25.05 0.13 0.00	30.25 0.18 0.00	26.22 0.31 0.00	24.09 0.21 0.00	29.62 -0.12 0.00	35.61 -0.60 0.00	34.77 -0.78 0.00	35.96 -0.83 0.00	40.09 -0.63 0.00	41.24 -0.16 0.00	39.36 -0.08 0.00	44.18 -0.03 0.00	43.18 -0.05 0.00	41.89 -0.20 0.00	45.82 -0.61 0.00	47.66 -0.62 0.00	56.28 -0.98 0.00	68.91 -1.68 0.00	43.88 -0.80 0.00	39.82 -0.95 0.00	33.16 -0.46 0.00	28.80 0.53 0.00
SENECA___ENERGY 23797	19.43 -0.03 0.00	22.60 0.12 0.00	25.02 0.11 0.00	30.22 0.15 0.00	26.08 0.17 0.00	24.10 0.21 0.00	30.02 0.27 0.00	36.64 0.44 0.00	35.91 0.35 0.00	37.21 0.42 0.00	41.28 0.56 0.00	42.05 0.65 0.00	40.04 0.61 0.00	44.77 0.56 0.00	43.76 0.53 0.00	42.65 0.56 0.00	46.93 0.51 0.00	48.97 0.70 0.00	58.03 0.77 0.00	71.32 0.73 0.00	45.08 0.40 0.00	40.99 0.22 0.00	33.79 0.17 0.00	28.54 0.27 0.00
SHOEMAKER___GT 23640	20.09 0.64 0.00	23.41 0.92 0.00	25.88 0.96 0.00	31.22 1.15 0.00	26.92 1.01 0.00	24.86 0.97 0.00	31.05 1.31 0.00	37.73 1.52 0.00	37.02 1.46 0.00	38.30 1.50 0.00	42.35 1.63 0.00	43.26 1.87 0.00	41.18 1.76 0.00	45.66 1.46 0.00	44.67 1.43 0.00	43.60 1.51 0.00	48.23 1.81 0.00	50.15 1.88 0.00	59.44 2.17 0.00	72.74 2.16 0.00	45.97 1.29 0.00	41.99 1.22 0.00	34.60 0.98 0.00	29.02 0.75 0.00
SHOEMAKR_138KV_BK 111 55601	20.09 0.63 0.00	23.39 0.91 0.00	25.86 0.95 0.00	31.20 1.13 0.00	26.91 0.99 0.00	24.84 0.96 0.00	31.04 1.29 0.00	37.70 1.49 0.00	36.99 1.43 0.00	38.27 1.47 0.00	42.31 1.59 0.00	43.23 1.83 0.00	41.17 1.74 0.00	45.63 1.43 0.00	44.63 1.39 0.00	43.57 1.47 0.00	48.19 1.77 0.00	50.11 1.84 0.00	59.38 2.12 0.00	72.67 2.08 0.00	45.92 1.24 0.00	41.96 1.19 0.00	34.57 0.95 0.00	29.00 0.73 0.00
SHOREHAM_IC_1 23715	19.47 0.01 0.00	22.92 0.44 0.00	25.59 0.68 0.00	30.83 0.76 0.00	26.67 0.76 0.00	24.40 0.52 0.00	30.26 0.51 0.00	37.03 0.82 0.00	36.53 0.98 0.00	37.68 0.89 0.00	41.77 1.05 0.00	42.84 1.45 0.00	41.15 1.68 -0.03	44.94 0.74 0.00	43.91 0.67 0.00	42.71 0.62 0.00	47.11 0.68 0.00	49.00 0.72 0.00	57.91 0.65 0.00	63.40 0.02 7.20	44.61 -0.07 0.00	38.23 -0.20 2.35	33.66 0.05 0.00	28.50 0.23 0.00
SHOREHAM_IC_2 23716	19.47 0.01 0.00	22.92 0.44 0.00	25.59 0.68 0.00	30.83 0.76 0.00	26.67 0.76 0.00	24.40 0.52 0.00	30.26 0.51 0.00	37.03 0.82 0.00	36.54 0.98 0.00	37.68 0.89 0.00	41.78 1.06 0.00	42.84 1.45 0.00	41.12 1.66 -0.03	44.94 0.74 0.00	43.92 0.68 0.00	42.71 0.62 0.00	47.11 0.68 0.00	49.00 0.73 0.00	57.91 0.65 0.00	63.40 0.02 7.20	44.61 -0.07 0.00	38.22 -0.20 2.35	33.66 0.05 0.00	28.50 0.23 0.00
SISSONVILLE____ 23735	19.86 0.41 0.00	21.29 -1.20 0.00	23.31 -1.60 0.00	28.21 -1.86 0.00	24.51 -1.40 0.00	22.80 -1.08 0.00	28.23 -1.52 0.00	34.29 -1.92 0.00	33.45 -2.11 0.00	34.03 -2.77 0.00	37.81 -2.91 0.00	40.60 -0.79 0.00	39.47 0.04 0.00	44.54 0.34 0.00	43.41 0.17 0.00	42.36 0.27 0.00	46.71 0.28 0.00	48.45 0.17 0.00	57.92 0.66 0.00	72.12 1.53 0.00	45.60 0.92 0.00	42.04 1.27 0.00	34.84 1.23 0.00	29.33 1.06 0.00
SITHE_IND_GS1 24169	18.88 -0.58 0.00	21.91 -0.58 0.00	24.24 -0.67 0.00	29.26 -0.81 0.00	25.23 -0.67 0.00	23.27 -0.61 0.00	29.00 -0.74 0.00	35.45 -0.76 0.00	34.82 -0.73 0.00	36.03 -0.76 0.00	39.91 -0.81 0.00	40.63 -0.77 0.00	38.74 -0.70 0.00	43.33 -0.87 0.00	42.40 -0.84 0.00	41.30 -0.79 0.00	45.53 -0.90 0.00	47.36 -0.91 0.00	56.12 -1.15 0.00	69.05 -1.54 0.00	43.70 -0.98 0.00	39.83 -0.94 0.00	32.82 -0.80 0.00	27.57 -0.70 0.00
SITHE_IND_GS2 24170	18.88 -0.58 0.00	21.91 -0.58 0.00	24.24 -0.67 0.00	29.26 -0.81 0.00	25.23 -0.67 0.00	23.27 -0.61 0.00	29.00 -0.74 0.00	35.45 -0.76 0.00	34.82 -0.73 0.00	36.03 -0.76 0.00	39.91 -0.81 0.00	40.63 -0.77 0.00	38.74 -0.70 0.00	43.33 -0.87 0.00	42.40 -0.84 0.00	41.30 -0.79 0.00	45.53 -0.90 0.00	47.36 -0.91 0.00	56.12 -1.15 0.00	69.05 -1.54 0.00	43.70 -0.98 0.00	39.83 -0.94 0.00	32.82 -0.80 0.00	27.57 -0.70 0.00
SITHE_IND_GS3 24171	18.88 -0.58 0.00	21.91 -0.58 0.00	24.24 -0.67 0.00	29.26 -0.81 0.00	25.23 -0.67 0.00	23.27 -0.61 0.00	29.00 -0.74 0.00	35.45 -0.76 0.00	34.82 -0.73 0.00	36.03 -0.76 0.00	39.91 -0.81 0.00	40.63 -0.77 0.00	38.74 -0.70 0.00	43.33 -0.87 0.00	42.40 -0.84 0.00	41.30 -0.79 0.00	45.53 -0.90 0.00	47.36 -0.91 0.00	56.12 -1.15 0.00	69.05 -1.54 0.00	43.70 -0.98 0.00	39.83 -0.94 0.00	32.82 -0.80 0.00	27.57 -0.70 0.00
SITHE_IND_GS4 24172	18.88 -0.58 0.00	21.91 -0.58 0.00	24.24 -0.67 0.00	29.26 -0.81 0.00	25.23 -0.67 0.00	23.27 -0.61 0.00	29.00 -0.74 0.00	35.45 -0.76 0.00	34.82 -0.73 0.00	36.03 -0.76 0.00	39.91 -0.81 0.00	40.63 -0.77 0.00	38.74 -0.70 0.00	43.33 -0.87 0.00	42.40 -0.84 0.00	41.30 -0.79 0.00	45.53 -0.90 0.00	47.36 -0.91 0.00	56.12 -1.15 0.00	69.05 -1.54 0.00	43.70 -0.98 0.00	39.83 -0.94 0.00	32.82 -0.80 0.00	27.57 -0.70 0.00

SITHE___BATAVIA 24024	19.70 0.25 0.00	22.97 0.48 0.00	25.38 0.46 0.00	30.65 0.58 0.00	26.54 0.63 0.00	24.40 0.52 0.00	30.10 0.35 0.00	36.39 0.18 0.00	35.53 -0.02 0.00	36.67 -0.12 0.00	40.86 0.14 0.00	41.98 0.58 0.00	40.11 0.68 0.00	44.97 0.76 0.00	43.98 0.74 0.00	42.78 0.68 0.00	46.74 0.31 0.00	48.68 0.41 0.00	57.41 0.15 0.00	70.50 -0.09 0.00	44.82 0.14 0.00	40.64 -0.13 0.00	33.75 0.13 0.00	29.22 0.95 0.00
SITHE___INDEPEND 23800	18.88 -0.58 0.00	21.91 -0.58 0.00	24.24 -0.67 0.00	29.26 -0.81 0.00	25.23 -0.67 0.00	23.27 -0.61 0.00	29.00 -0.75 0.00	35.45 -0.75 0.00	34.83 -0.73 0.00	36.03 -0.76 0.00	39.90 -0.81 0.00	40.63 -0.77 0.00	38.73 -0.70 0.00	43.33 -0.87 0.00	42.40 -0.84 0.00	41.30 -0.79 0.00	45.53 -0.90 0.00	47.36 -0.91 0.00	56.12 -1.14 0.00	69.05 -1.54 0.00	43.70 -0.98 0.00	39.83 -0.94 0.00	32.81 -0.80 0.00	27.57 -0.70 0.00
SITHE___MASSENA 23902	19.69 0.24 0.00	20.86 -1.62 0.00	22.77 -2.14 0.00	27.53 -2.54 0.00	23.95 -1.96 0.00	22.26 -1.62 0.00	27.46 -2.28 0.00	33.22 -2.99 0.00	32.34 -3.22 0.00	32.88 -3.92 0.00	36.67 -4.06 0.00	35.38 -1.22 4.80	39.31 -0.13 0.00	44.38 0.17 0.00	43.34 0.11 0.00	42.19 0.10 0.00	46.43 0.01 0.00	48.43 0.15 0.00	57.76 0.50 0.00	71.82 1.23 0.00	45.43 0.75 0.00	41.51 0.73 0.00	34.27 0.65 0.00	28.89 0.62 0.00
SITHE___OGDNSBRG 24021	20.10 0.65 0.00	21.31 -1.18 0.00	23.29 -1.63 0.00	28.18 -1.89 0.00	24.52 -1.39 0.00	22.82 -1.07 0.00	28.23 -1.52 0.00	34.24 -1.97 0.00	33.33 -2.23 0.00	33.77 -3.03 0.00	37.54 -3.18 0.00	40.76 -0.64 0.00	39.68 0.25 0.00	44.93 0.73 0.00	43.77 0.53 0.00	42.69 0.60 0.00	47.17 0.74 0.00	49.27 1.00 0.00	59.04 1.77 0.00	73.58 2.99 0.00	46.49 1.81 0.00	42.56 1.79 0.00	35.14 1.52 0.00	29.61 1.34 0.00
SITHE___STERLING 23777	19.73 0.27 0.00	22.84 0.36 0.00	25.33 0.42 0.00	30.64 0.58 0.00	26.44 0.53 0.00	24.45 0.56 0.00	30.53 0.78 0.00	37.31 1.11 0.00	36.71 1.15 0.00	37.95 1.15 0.00	41.93 1.21 0.00	42.75 1.36 0.00	40.66 1.23 0.00	45.60 1.40 0.00	44.59 1.36 0.00	43.44 1.35 0.00	48.01 1.58 0.00	50.12 1.84 0.00	59.30 2.04 0.00	72.85 2.27 0.00	46.03 1.35 0.00	41.92 1.15 0.00	34.53 0.91 0.00	29.00 0.73 0.00
SLEIGHT__34_KV_TB1 80719	19.29 -0.17 0.00	22.42 -0.07 0.00	24.81 -0.10 0.00	29.96 -0.10 0.00	25.85 -0.06 0.00	23.88 0.00 0.00	29.71 -0.03 0.00	36.12 -0.09 0.00	35.52 -0.04 0.00	36.79 -0.01 0.00	40.84 0.12 0.00	41.65 0.25 0.00	39.71 0.28 0.00	44.45 0.25 0.00	43.49 0.25 0.00	42.38 0.29 0.00	46.55 0.13 0.00	48.52 0.25 0.00	57.43 0.16 0.00	70.56 -0.03 0.00	44.65 -0.03 0.00	40.56 -0.22 0.00	33.43 -0.18 0.00	28.31 0.04 0.00
SMITHTWN_69_KV_BK 1 55830	19.83 0.38 0.00	23.23 0.74 0.00	25.83 0.92 0.00	31.12 1.05 0.00	26.92 1.01 0.00	24.75 0.87 0.00	30.67 0.92 0.00	37.30 1.09 0.00	36.76 1.20 0.00	38.21 1.41 0.00	42.50 1.79 0.00	43.36 1.96 0.00	41.60 2.14 -0.03	45.51 1.31 0.00	44.45 1.21 0.00	43.28 1.19 0.00	47.70 1.27 0.00	49.48 1.20 0.00	58.43 1.17 0.00	64.14 0.69 7.14	45.17 0.49 0.00	38.75 0.30 2.33	34.10 0.48 0.00	28.80 0.53 0.00
SOUTH CAIRO___GT 23612	20.07 0.61 0.00	23.39 0.91 0.00	25.92 1.01 0.00	31.26 1.19 0.00	26.97 1.07 0.00	25.21 1.32 0.00	31.40 1.65 0.00	38.14 1.93 0.00	37.53 1.97 0.00	38.81 2.01 0.00	42.12 1.40 0.00	42.76 1.36 0.00	40.83 1.39 0.00	45.46 1.26 0.00	44.53 1.29 0.00	43.32 1.23 0.00	47.87 1.45 0.00	49.67 1.40 0.00	58.85 1.59 0.00	72.14 1.55 0.00	45.59 0.91 0.00	41.51 0.74 0.00	34.12 0.51 0.00	28.65 0.38 0.00
SOUTH HAMPTN___IC 23720	19.53 0.08 0.00	22.97 0.48 0.00	25.61 0.70 0.00	30.86 0.79 0.00	26.74 0.83 0.00	24.49 0.61 0.00	30.39 0.64 0.00	37.13 0.92 0.00	36.71 1.15 0.00	38.16 1.36 0.00	42.32 1.60 0.00	43.20 1.80 0.00	41.46 2.00 -0.03	45.30 1.10 0.00	44.24 1.00 0.00	42.92 0.83 0.00	47.34 0.92 0.00	49.21 0.93 0.00	58.15 0.89 0.00	63.64 0.27 7.22	44.78 0.10 0.00	38.36 -0.06 2.36	33.76 0.14 0.00	28.64 0.37 0.00
SOUTHDOW_115KV_TB1 355954	19.66 0.21 0.00	22.96 0.47 0.00	25.37 0.46 0.00	30.71 0.64 0.00	26.66 0.75 0.00	24.57 0.69 0.00	30.47 0.73 0.00	36.76 0.55 0.00	35.91 0.36 0.00	37.17 0.38 0.00	41.65 0.93 0.00	42.70 1.30 0.00	40.36 0.93 0.00	45.42 1.22 0.00	44.31 1.07 0.00	42.98 0.89 0.00	46.97 0.55 0.00	49.14 0.86 0.00	58.22 0.96 0.00	71.34 0.75 0.00	45.30 0.62 0.00	40.96 0.19 0.00	34.07 0.46 0.00	29.49 1.22 0.00
SOUTHOLD_69_KV_BK 2 55809	19.34 -0.12 0.00	22.75 0.26 0.00	25.33 0.42 0.00	30.54 0.47 0.00	26.56 0.65 0.00	24.32 0.43 0.00	30.19 0.45 0.00	36.90 0.70 0.00	36.62 1.07 0.00	38.17 1.38 0.00	42.37 1.65 0.00	43.25 1.85 0.00	41.47 2.01 -0.03	45.34 1.14 0.00	44.22 0.98 0.00	42.67 0.58 0.00	47.06 0.64 0.00	48.94 0.66 0.00	57.86 0.60 0.00	63.25 -0.11 7.22	44.48 -0.20 0.00	38.04 -0.37 2.36	33.49 -0.13 0.00	28.57 0.30 0.00
SOUTHOLD___IC 23719	19.34 -0.11 0.00	22.75 0.26 0.00	25.33 0.42 0.00	30.54 0.47 0.00	26.55 0.65 0.00	24.32 0.43 0.00	30.19 0.45 0.00	36.90 0.70 0.00	36.62 1.07 0.00	38.17 1.38 0.00	42.37 1.65 0.00	43.25 1.86 0.00	41.49 2.03 -0.03	45.34 1.14 0.00	44.22 0.98 0.00	42.67 0.58 0.00	47.06 0.64 0.00	48.94 0.66 0.00	57.86 0.59 0.00	63.25 -0.12 7.22	44.48 -0.20 0.00	38.04 -0.37 2.36	33.49 -0.13 0.00	28.57 0.30 0.00
SOUTH_FORK_WT_PWR 323839	19.02 -0.43 0.00	22.41 -0.08 0.00	24.93 0.02 0.00	30.06 -0.01 0.00	26.20 0.29 0.00	23.97 0.08 0.00	29.78 0.03 0.00	36.39 0.19 0.00	36.20 0.64 0.00	37.79 0.99 0.00	41.95 1.23 0.00	42.81 1.42 0.00	41.08 1.62 -0.03	44.87 0.67 0.00	43.74 0.50 0.00	42.01 -0.08 0.00	46.33 -0.09 0.00	48.18 -0.09 0.00	56.97 -0.30 0.00	62.14 -1.22 7.22	43.79 -0.89 0.00	37.40 -1.02 2.36	32.97 -0.65 0.00	28.26 -0.01 0.00
SPIERFLS_115KV_TB 1 80737	19.92 0.46 0.00	23.23 0.74 0.00	25.71 0.80 0.00	31.07 1.00 0.00	26.79 0.88 0.00	24.74 0.85 0.00	30.72 0.98 0.00	37.39 1.18 0.00	36.91 1.35 0.00	38.31 1.52 0.00	42.35 1.64 0.00	43.12 1.72 0.00	41.15 1.72 0.00	45.69 1.49 0.00	44.75 1.51 0.00	43.68 1.59 0.00	48.34 1.92 0.00	50.08 1.81 0.00	59.39 2.13 0.00	72.85 2.27 0.00	46.03 1.35 0.00	41.95 1.18 0.00	34.51 0.89 0.00	28.84 0.57 0.00
ST LAWRENCE____ 23600	19.45 -0.01 0.00	20.59 -1.90 0.00	22.46 -2.45 0.00	27.15 -2.92 0.00	23.61 -2.30 0.00	21.94 -1.94 0.00	27.04 -2.71 0.00	32.71 -3.50 0.00	31.84 -3.71 0.00	32.39 -4.41 0.00	36.12 -4.60 0.00	34.89 -1.71 4.80	38.91 -0.52 0.00	43.91 -0.30 0.00	42.91 -0.32 0.00	41.72 -0.37 0.00	45.95 -0.47 0.00	47.88 -0.39 0.00	57.06 -0.20 0.00	70.90 0.31 0.00	44.86 0.18 0.00	40.96 0.19 0.00	33.81 0.19 0.00	28.50 0.23 0.00

STATE_CA_115KV_115_LB 55624	19.65 0.19 0.00	22.94 0.46 0.00	25.42 0.50 0.00	30.62 0.55 0.00	26.42 0.51 0.00	24.36 0.47 0.00	30.28 0.53 0.00	36.64 0.43 0.00	36.03 0.47 0.00	37.29 0.49 0.00	41.17 0.45 0.00	41.95 0.55 0.00	40.06 0.63 0.00	44.48 0.28 0.00	43.58 0.34 0.00	42.40 0.31 0.00	46.82 0.40 0.00	48.49 0.22 0.00	57.41 0.15 0.00	70.48 -0.11 0.00	44.62 -0.06 0.00	40.73 -0.05 0.00	33.58 -0.04 0.00	28.19 -0.08 0.00
STATE_ST_34_KV_LOAD 55959	19.52 0.07 0.00	22.70 0.21 0.00	25.15 0.24 0.00	30.37 0.30 0.00	26.12 0.21 0.00	24.16 0.27 0.00	30.13 0.39 0.00	36.80 0.60 0.00	36.08 0.52 0.00	37.38 0.58 0.00	41.42 0.70 0.00	42.00 0.60 0.00	40.06 0.63 0.00	44.67 0.47 0.00	43.69 0.45 0.00	42.78 0.69 0.00	47.02 0.60 0.00	49.02 0.74 0.00	58.24 0.98 0.00	71.58 0.99 0.00	45.26 0.58 0.00	41.19 0.42 0.00	33.93 0.32 0.00	28.49 0.22 0.00
STATION_5_MISC_HYD 23604	19.42 -0.04 0.00	22.57 0.08 0.00	24.96 0.05 0.00	30.15 0.08 0.00	26.06 0.15 0.00	24.03 0.14 0.00	29.82 0.07 0.00	36.23 0.03 0.00	35.51 -0.05 0.00	36.77 -0.02 0.00	40.86 0.14 0.00	41.81 0.41 0.00	39.93 0.50 0.00	44.70 0.50 0.00	43.79 0.55 0.00	42.58 0.49 0.00	46.71 0.29 0.00	48.62 0.35 0.00	57.40 0.13 0.00	70.55 -0.03 0.00	44.71 0.04 0.00	40.60 -0.18 0.00	33.54 -0.08 0.00	28.61 0.34 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.39 -0.06 0.00	22.54 0.06 0.00	24.94 0.03 0.00	30.12 0.06 0.00	26.02 0.11 0.00	24.01 0.12 0.00	29.86 0.11 0.00	36.36 0.16 0.00	35.68 0.11 0.00	36.95 0.15 0.00	41.02 0.30 0.00	41.86 0.46 0.00	39.90 0.46 0.00	44.67 0.47 0.00	43.71 0.47 0.00	42.55 0.46 0.00	46.79 0.37 0.00	48.75 0.47 0.00	57.65 0.39 0.00	70.87 0.29 0.00	44.85 0.17 0.00	40.76 -0.01 0.00	33.62 0.00 0.00	28.50 0.23 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.30 -0.15 0.00	22.43 -0.06 0.00	24.81 -0.10 0.00	29.97 -0.10 0.00	25.90 -0.01 0.00	23.88 -0.01 0.00	29.64 -0.11 0.00	35.99 -0.21 0.00	35.31 -0.25 0.00	36.56 -0.24 0.00	40.62 -0.10 0.00	41.54 0.15 0.00	39.68 0.25 0.00	44.42 0.22 0.00	43.51 0.27 0.00	42.30 0.21 0.00	46.43 0.01 0.00	48.33 0.05 0.00	57.07 -0.20 0.00	70.15 -0.43 0.00	44.45 -0.23 0.00	40.37 -0.40 0.00	33.34 -0.28 0.00	28.40 0.13 0.00
STA_56___34_KV_BUS2 355983	19.30 -0.15 0.00	22.43 -0.06 0.00	24.81 -0.10 0.00	29.97 -0.10 0.00	25.90 -0.01 0.00	23.88 -0.01 0.00	29.64 -0.11 0.00	35.99 -0.21 0.00	35.31 -0.25 0.00	36.56 -0.24 0.00	40.62 -0.10 0.00	41.54 0.15 0.00	39.68 0.25 0.00	44.42 0.22 0.00	43.51 0.27 0.00	42.30 0.21 0.00	46.43 0.01 0.00	48.33 0.05 0.00	57.07 -0.20 0.00	70.15 -0.43 0.00	44.45 -0.23 0.00	40.37 -0.40 0.00	33.34 -0.28 0.00	28.40 0.13 0.00
STA_67___115KV_BK2 355882	19.39 -0.07 0.00	22.54 0.05 0.00	24.93 0.01 0.00	30.11 0.05 0.00	26.03 0.12 0.00	23.99 0.11 0.00	29.77 0.03 0.00	36.16 -0.05 0.00	35.44 -0.11 0.00	36.70 -0.10 0.00	40.78 0.06 0.00	41.72 0.33 0.00	39.85 0.42 0.00	44.62 0.41 0.00	43.70 0.47 0.00	42.49 0.40 0.00	46.62 0.19 0.00	48.52 0.24 0.00	57.26 0.00 0.00	70.40 -0.19 0.00	44.62 -0.06 0.00	40.51 -0.26 0.00	33.48 -0.14 0.00	28.56 0.29 0.00
STA_7___115KV_9TRANS 80674	19.46 0.01 0.00	22.62 0.14 0.00	25.01 0.10 0.00	30.21 0.14 0.00	26.11 0.20 0.00	24.08 0.19 0.00	29.89 0.15 0.00	36.35 0.14 0.00	35.62 0.06 0.00	36.89 0.09 0.00	41.00 0.29 0.00	41.96 0.56 0.00	40.07 0.65 0.00	44.85 0.65 0.00	43.94 0.71 0.00	42.72 0.63 0.00	46.90 0.47 0.00	48.82 0.55 0.00	57.62 0.36 0.00	70.86 0.27 0.00	44.89 0.21 0.00	40.75 -0.03 0.00	33.66 0.04 0.00	28.69 0.42 0.00
STA_82___115KV_TB1 80780	19.39 -0.06 0.00	22.55 0.06 0.00	24.94 0.03 0.00	30.12 0.06 0.00	26.04 0.12 0.00	24.01 0.12 0.00	29.79 0.04 0.00	36.18 -0.02 0.00	35.46 -0.10 0.00	36.70 -0.09 0.00	40.80 0.08 0.00	41.73 0.34 0.00	39.87 0.43 0.00	44.64 0.43 0.00	43.73 0.49 0.00	42.50 0.41 0.00	46.63 0.21 0.00	48.54 0.27 0.00	57.30 0.03 0.00	70.44 -0.15 0.00	44.64 -0.04 0.00	40.54 -0.23 0.00	33.50 -0.12 0.00	28.58 0.31 0.00
STEEL___WIND 323596	19.35 -0.11 0.00	22.63 0.14 0.00	25.02 0.11 0.00	30.21 0.15 0.00	26.20 0.29 0.00	24.07 0.19 0.00	29.60 -0.14 0.00	35.57 -0.63 0.00	34.73 -0.83 0.00	35.92 -0.87 0.00	40.03 -0.69 0.00	41.18 -0.22 0.00	39.29 -0.14 0.00	44.09 -0.11 0.00	43.10 -0.13 0.00	41.81 -0.28 0.00	45.74 -0.69 0.00	47.60 -0.68 0.00	56.22 -1.04 0.00	68.83 -1.76 0.00	43.84 -0.84 0.00	39.78 -0.99 0.00	33.13 -0.49 0.00	28.77 0.50 0.00
STEPHTWN_115KV_BK_2 55603	19.72 0.27 0.00	23.05 0.56 0.00	25.51 0.60 0.00	30.75 0.69 0.00	26.54 0.63 0.00	24.47 0.58 0.00	30.47 0.72 0.00	36.85 0.65 0.00	36.19 0.63 0.00	37.44 0.64 0.00	41.30 0.58 0.00	42.03 0.64 0.00	40.17 0.74 0.00	44.65 0.45 0.00	43.69 0.45 0.00	42.53 0.43 0.00	47.01 0.59 0.00	48.75 0.48 0.00	57.64 0.38 0.00	70.72 0.13 0.00	44.68 0.00 0.00	40.83 0.06 0.00	33.62 0.00 0.00	28.26 -0.01 0.00
STEUBEN_REC_LFGE 323667	19.27 -0.19 0.00	22.49 0.01 0.00	24.75 -0.17 0.00	29.90 -0.17 0.00	25.98 0.07 0.00	23.89 0.01 0.00	29.52 -0.22 0.00	35.83 -0.38 0.00	34.85 -0.71 0.00	36.22 -0.57 0.00	40.13 -0.59 0.00	41.03 -0.37 0.00	39.07 -0.36 0.00	43.91 -0.29 0.00	42.92 -0.32 0.00	41.63 -0.46 0.00	45.89 -0.54 0.00	48.08 -0.20 0.00	56.77 -0.50 0.00	69.63 -0.96 0.00	44.50 -0.18 0.00	40.63 -0.14 0.00	33.81 0.19 0.00	28.91 0.64 0.00
STILLWATER___SOLAR 323814	20.03 0.57 0.00	23.36 0.88 0.00	25.87 0.95 0.00	31.23 1.16 0.00	26.91 1.00 0.00	24.85 0.97 0.00	30.90 1.15 0.00	37.52 1.31 0.00	36.96 1.40 0.00	38.31 1.52 0.00	42.35 1.63 0.00	43.13 1.73 0.00	41.16 1.73 0.00	45.75 1.55 0.00	44.77 1.54 0.00	43.65 1.56 0.00	48.29 1.86 0.00	50.07 1.79 0.00	59.29 2.02 0.00	72.78 2.20 0.00	46.04 1.36 0.00	41.98 1.21 0.00	34.56 0.94 0.00	28.93 0.66 0.00
STONY___BROOK 24151	19.81 0.35 0.00	23.21 0.72 0.00	25.82 0.91 0.00	31.10 1.03 0.00	26.90 0.98 0.00	24.72 0.84 0.00	30.64 0.89 0.00	37.29 1.08 0.00	36.76 1.20 0.00	38.19 1.39 0.00	42.46 1.74 0.00	43.32 1.92 0.00	41.57 2.10 -0.03	45.45 1.25 0.00	44.40 1.17 0.00	43.23 1.14 0.00	47.64 1.21 0.00	49.36 1.08 0.00	58.28 1.02 0.00	63.94 0.52 7.16	45.10 0.42 0.00	38.65 0.21 2.34	34.03 0.41 0.00	28.76 0.49 0.00
STURGEON_POOL_HYD 23609	20.11 0.66 0.00	23.44 0.95 0.00	25.94 1.02 0.00	31.28 1.21 0.00	26.97 1.06 0.00	24.84 0.96 0.00	31.02 1.28 0.00	37.66 1.46 0.00	37.00 1.45 0.00	38.42 1.63 0.00	42.58 1.86 0.00	43.51 2.11 0.00	41.47 2.04 0.00	45.88 1.68 0.00	44.85 1.61 0.00	43.75 1.66 0.00	48.35 1.92 0.00	50.24 1.96 0.00	59.49 2.23 0.00	72.86 2.28 0.00	46.07 1.39 0.00	42.11 1.34 0.00	34.71 1.09 0.00	29.08 0.81 0.00

ST_LAW_115_BK7_LBMP 345037	19.47 0.01 0.00	20.59 -1.90 0.00	22.46 -2.45 0.00	27.14 -2.93 0.00	23.61 -2.30 0.00	21.94 -1.94 0.00	27.04 -2.71 0.00	32.71 -3.50 0.00	31.84 -3.72 0.00	32.38 -4.42 0.00	36.11 -4.61 0.00	34.88 -1.71 4.80	38.89 -0.53 0.00	43.92 -0.28 0.00	42.91 -0.32 0.00	41.73 -0.36 0.00	45.95 -0.47 0.00	47.90 -0.37 0.00	57.11 -0.15 0.00	70.98 0.39 0.00	44.91 0.23 0.00	41.01 0.24 0.00	33.85 0.23 0.00	28.53 0.26 0.00
ST_LAW_115_BK8_LBMP 345038	19.47 0.01 0.00	20.59 -1.90 0.00	22.46 -2.45 0.00	27.14 -2.93 0.00	23.61 -2.30 0.00	21.94 -1.94 0.00	27.04 -2.71 0.00	32.71 -3.50 0.00	31.84 -3.72 0.00	32.38 -4.42 0.00	36.11 -4.61 0.00	34.88 -1.71 4.80	38.89 -0.53 0.00	43.92 -0.28 0.00	42.91 -0.32 0.00	41.73 -0.36 0.00	45.95 -0.47 0.00	47.90 -0.37 0.00	57.11 -0.15 0.00	70.98 0.39 0.00	44.91 0.23 0.00	41.01 0.24 0.00	33.85 0.23 0.00	28.53 0.26 0.00
ST_LAW_230_BK5_LBMP 345035	19.45 -0.01 0.00	20.59 -1.90 0.00	22.46 -2.45 0.00	27.15 -2.92 0.00	23.61 -2.30 0.00	21.94 -1.94 0.00	27.04 -2.71 0.00	32.71 -3.50 0.00	31.84 -3.71 0.00	32.39 -4.41 0.00	36.12 -4.60 0.00	34.89 -1.71 4.80	38.91 -0.52 0.00	43.91 -0.30 0.00	42.91 -0.32 0.00	41.72 -0.37 0.00	45.95 -0.47 0.00	47.88 -0.39 0.00	57.06 -0.20 0.00	70.90 0.31 0.00	44.86 0.18 0.00	40.96 0.19 0.00	33.81 0.19 0.00	28.50 0.23 0.00
ST_LAW_230_BK6_LBMP 345036	19.45 -0.01 0.00	20.59 -1.90 0.00	22.46 -2.45 0.00	27.15 -2.92 0.00	23.61 -2.30 0.00	21.94 -1.94 0.00	27.04 -2.71 0.00	32.71 -3.50 0.00	31.84 -3.71 0.00	32.39 -4.41 0.00	36.12 -4.60 0.00	34.89 -1.71 4.80	38.91 -0.52 0.00	43.91 -0.30 0.00	42.91 -0.32 0.00	41.72 -0.37 0.00	45.95 -0.47 0.00	47.88 -0.39 0.00	57.06 -0.20 0.00	70.90 0.31 0.00	44.86 0.18 0.00	40.96 0.19 0.00	33.81 0.19 0.00	28.50 0.23 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.12 0.67 0.00	23.44 0.95 0.00	25.89 0.98 0.00	31.25 1.18 0.00	26.94 1.04 0.00	24.89 1.01 0.00	31.11 1.36 0.00	37.77 1.57 0.00	37.05 1.49 0.00	38.33 1.54 0.00	42.38 1.66 0.00	43.33 1.93 0.00	41.25 1.82 0.00	45.71 1.50 0.00	44.69 1.45 0.00	43.63 1.54 0.00	48.28 1.86 0.00	50.19 1.91 0.00	59.48 2.21 0.00	72.73 2.14 0.00	45.95 1.27 0.00	41.99 1.22 0.00	34.60 0.98 0.00	29.01 0.75 0.00
SWANROAD_115KV_TB1 355699	19.11 -0.34 0.00	22.31 -0.17 0.00	24.64 -0.28 0.00	29.77 -0.30 0.00	25.79 -0.12 0.00	23.65 -0.23 0.00	28.89 -0.86 0.00	34.50 -1.70 0.00	33.72 -1.84 0.00	34.87 -1.93 0.00	38.86 -1.86 0.00	40.02 -1.37 0.00	38.34 -1.09 0.00	43.00 -1.20 0.00	42.10 -1.14 0.00	40.82 -1.27 0.00	44.42 -2.00 0.00	46.11 -2.16 0.00	54.33 -2.94 0.00	66.51 -4.07 0.00	42.49 -2.19 0.00	38.64 -2.13 0.00	32.34 -1.28 0.00	28.30 0.03 0.00
SYNERGY___BIOGAS 323694	19.70 0.25 0.00	22.96 0.48 0.00	25.38 0.46 0.00	30.65 0.58 0.00	26.54 0.63 0.00	24.40 0.52 0.00	30.10 0.35 0.00	36.39 0.19 0.00	35.53 -0.03 0.00	36.67 -0.12 0.00	40.86 0.14 0.00	41.98 0.58 0.00	40.11 0.68 0.00	44.97 0.77 0.00	43.98 0.74 0.00	42.77 0.68 0.00	46.74 0.31 0.00	48.68 0.41 0.00	57.41 0.15 0.00	70.50 -0.09 0.00	44.81 0.13 0.00	40.64 -0.13 0.00	33.75 0.13 0.00	29.23 0.95 0.00
SYRACUSE___ENERGY_ST1 323597	19.31 -0.14 0.00	22.44 -0.05 0.00	24.84 -0.07 0.00	30.00 -0.07 0.00	25.86 -0.05 0.00	23.87 -0.02 0.00	29.77 0.02 0.00	36.37 0.16 0.00	35.68 0.13 0.00	36.93 0.14 0.00	40.90 0.18 0.00	41.63 0.23 0.00	39.66 0.23 0.00	44.33 0.13 0.00	43.37 0.13 0.00	42.31 0.22 0.00	46.64 0.22 0.00	48.59 0.31 0.00	57.57 0.30 0.00	70.76 0.17 0.00	44.74 0.06 0.00	40.74 -0.03 0.00	33.56 -0.06 0.00	28.21 -0.06 0.00
SYRACUSE___ENERGY_ST2 323598	19.31 -0.14 0.00	22.44 -0.05 0.00	24.84 -0.07 0.00	30.00 -0.07 0.00	25.86 -0.05 0.00	23.87 -0.02 0.00	29.77 0.02 0.00	36.37 0.16 0.00	35.68 0.13 0.00	36.93 0.14 0.00	40.90 0.18 0.00	41.63 0.23 0.00	39.66 0.23 0.00	44.33 0.13 0.00	43.37 0.13 0.00	42.31 0.22 0.00	46.64 0.22 0.00	48.59 0.31 0.00	57.57 0.30 0.00	70.76 0.17 0.00	44.74 0.06 0.00	40.74 -0.03 0.00	33.56 -0.06 0.00	28.21 -0.06 0.00
SYRACUSE___POWER 24017	19.31 -0.15 0.00	22.44 -0.05 0.00	24.84 -0.08 0.00	29.99 -0.08 0.00	25.86 -0.05 0.00	23.86 -0.02 0.00	29.75 0.01 0.00	36.34 0.13 0.00	35.67 0.11 0.00	36.92 0.13 0.00	40.87 0.16 0.00	41.63 0.24 0.00	39.66 0.23 0.00	44.34 0.14 0.00	43.39 0.16 0.00	42.29 0.19 0.00	46.65 0.22 0.00	48.59 0.31 0.00	57.54 0.27 0.00	70.72 0.13 0.00	44.73 0.05 0.00	40.73 -0.04 0.00	33.56 -0.06 0.00	28.22 -0.05 0.00
TALLMAN_138KV_BK151 55660	20.13 0.68 0.00	23.46 0.97 0.00	25.90 0.99 0.00	31.25 1.18 0.00	26.96 1.05 0.00	24.92 1.03 0.00	31.14 1.39 0.00	37.81 1.60 0.00	37.06 1.51 0.00	38.35 1.55 0.00	42.38 1.67 0.00	43.34 1.95 0.00	41.26 1.83 0.00	45.68 1.47 0.00	44.66 1.43 0.00	43.62 1.53 0.00	48.27 1.84 0.00	50.17 1.90 0.00	59.45 2.19 0.00	72.67 2.08 0.00	45.90 1.22 0.00	41.96 1.19 0.00	34.59 0.97 0.00	29.00 0.73 0.00
TEALLAVE_115KV_TB7 355573	19.21 -0.24 0.00	22.31 -0.17 0.00	24.71 -0.20 0.00	29.83 -0.24 0.00	25.73 -0.18 0.00	23.74 -0.14 0.00	29.60 -0.15 0.00	36.13 -0.07 0.00	35.48 -0.08 0.00	36.73 -0.07 0.00	40.67 -0.05 0.00	41.42 0.02 0.00	39.47 0.04 0.00	44.14 -0.06 0.00	43.18 -0.05 0.00	42.08 -0.01 0.00	46.41 -0.02 0.00	48.31 0.03 0.00	57.18 -0.08 0.00	70.27 -0.31 0.00	44.47 -0.21 0.00	40.49 -0.28 0.00	33.39 -0.23 0.00	28.08 -0.19 0.00
TELGRAPH_34_KV_EAST 80808	19.41 -0.05 0.00	22.64 0.16 0.00	25.02 0.11 0.00	30.22 0.15 0.00	26.17 0.26 0.00	24.01 0.13 0.00	29.47 -0.27 0.00	35.40 -0.81 0.00	34.59 -0.97 0.00	35.73 -1.06 0.00	39.83 -0.89 0.00	40.96 -0.44 0.00	39.20 -0.23 0.00	43.95 -0.25 0.00	42.99 -0.24 0.00	41.74 -0.35 0.00	45.53 -0.90 0.00	47.35 -0.93 0.00	55.83 -1.43 0.00	68.45 -2.13 0.00	43.63 -1.05 0.00	39.61 -1.16 0.00	33.01 -0.61 0.00	28.77 0.50 0.00
TEMPLE___115KV_TB 2 55572	19.21 -0.24 0.00	22.33 -0.16 0.00	24.72 -0.19 0.00	29.85 -0.22 0.00	25.74 -0.16 0.00	23.75 -0.13 0.00	29.61 -0.14 0.00	36.15 -0.06 0.00	35.49 -0.07 0.00	36.74 -0.06 0.00	40.67 -0.05 0.00	41.44 0.04 0.00	39.47 0.04 0.00	44.16 -0.05 0.00	43.20 -0.04 0.00	42.10 0.00 0.00	46.41 -0.01 0.00	48.32 0.04 0.00	57.21 -0.06 0.00	70.30 -0.29 0.00	44.47 -0.21 0.00	40.50 -0.27 0.00	33.39 -0.22 0.00	28.08 -0.19 0.00
TIANA___69_KV_BK 1 55817	19.59 0.13 0.00	23.03 0.54 0.00	25.68 0.76 0.00	30.94 0.87 0.00	26.79 0.88 0.00	24.55 0.66 0.00	30.45 0.70 0.00	37.20 0.99 0.00	36.74 1.19 0.00	38.18 1.38 0.00	42.34 1.62 0.00	43.22 1.82 0.00	41.46 1.99 -0.03	45.33 1.13 0.00	44.27 1.03 0.00	43.01 0.92 0.00	47.44 1.02 0.00	49.32 1.04 0.00	58.28 1.02 7.22	63.82 0.45 0.00	44.90 0.22 0.00	38.46 0.05 2.36	33.85 0.23 0.00	28.69 0.42 0.00

TILDEN___115KV_TB1 80814	19.31 -0.15 0.00	22.44 -0.05 0.00	24.84 -0.08 0.00	29.99 -0.08 0.00	25.86 -0.05 0.00	23.86 -0.02 0.00	29.75 0.01 0.00	36.34 0.13 0.00	35.67 0.11 0.00	36.92 0.13 0.00	40.87 0.16 0.00	41.63 0.24 0.00	39.66 0.23 0.00	44.34 0.14 0.00	43.39 0.16 0.00	42.29 0.19 0.00	46.65 0.22 0.00	48.59 0.31 0.00	57.54 0.27 0.00	70.72 0.13 0.00	44.73 0.05 0.00	40.73 -0.04 0.00	33.56 -0.06 0.00	28.22 -0.05 0.00
TRIGEN___CC 323695	20.04 0.58 0.00	23.38 0.89 0.00	25.88 0.97 0.00	31.19 1.12 0.00	26.93 1.03 0.00	24.85 0.97 0.00	30.89 1.14 0.00	37.49 1.28 0.00	36.84 1.29 0.00	38.22 1.42 0.00	42.46 1.75 0.00	43.32 1.93 0.00	41.47 1.99 -0.06	45.49 1.29 0.00	44.51 1.27 0.00	43.40 1.30 0.00	47.93 1.50 0.00	49.85 1.57 0.00	58.93 1.66 0.00	70.36 1.41 1.63	45.53 0.85 0.00	41.01 0.78 0.55	34.40 0.78 0.00	28.92 0.65 0.00
TRINITY___115KV___4 BK 55933	19.58 0.12 0.00	22.87 0.39 0.00	25.33 0.41 0.00	30.51 0.44 0.00	26.32 0.41 0.00	24.28 0.40 0.00	30.16 0.41 0.00	36.47 0.26 0.00	35.87 0.31 0.00	37.12 0.33 0.00	40.97 0.25 0.00	41.74 0.34 0.00	39.86 0.43 0.00	44.26 0.06 0.00	43.34 0.11 0.00	42.16 0.07 0.00	46.56 0.13 0.00	48.21 -0.07 0.00	57.09 -0.17 0.00	70.08 -0.50 0.00	44.37 -0.31 0.00	40.52 -0.25 0.00	33.42 -0.20 0.00	28.06 -0.21 0.00
UNION___PROCESSING_DRP 323587	19.40 -0.06 0.00	22.56 0.07 0.00	24.94 0.03 0.00	30.13 0.06 0.00	26.04 0.13 0.00	24.01 0.12 0.00	29.79 0.04 0.00	36.19 -0.02 0.00	35.47 -0.09 0.00	36.71 -0.09 0.00	40.80 0.08 0.00	41.75 0.35 0.00	39.88 0.45 0.00	44.65 0.44 0.00	43.73 0.49 0.00	42.51 0.42 0.00	46.65 0.22 0.00	48.56 0.29 0.00	57.31 0.04 0.00	70.45 -0.13 0.00	44.66 -0.02 0.00	40.54 -0.23 0.00	33.51 -0.11 0.00	28.58 0.31 0.00
UPPER HUDSON___HYD 24058	19.92 0.47 0.00	23.23 0.74 0.00	25.71 0.80 0.00	31.07 1.00 0.00	26.79 0.88 0.00	24.74 0.85 0.00	30.72 0.97 0.00	37.39 1.18 0.00	36.91 1.35 0.00	38.31 1.52 0.00	42.36 1.64 0.00	43.12 1.72 0.00	41.15 1.72 0.00	45.70 1.49 0.00	44.74 1.51 0.00	43.68 1.59 0.00	48.34 1.92 0.00	50.08 1.81 0.00	59.39 2.12 0.00	72.85 2.26 0.00	46.03 1.35 0.00	41.95 1.18 0.00	34.51 0.89 0.00	28.84 0.57 0.00
UPPER RAQUET___HYD 24056	19.86 0.41 0.00	21.29 -1.20 0.00	23.31 -1.60 0.00	28.21 -1.86 0.00	24.51 -1.40 0.00	22.80 -1.08 0.00	28.23 -1.51 0.00	34.29 -1.92 0.00	33.45 -2.11 0.00	34.03 -2.77 0.00	37.81 -2.91 0.00	40.60 -0.80 0.00	39.47 0.04 0.00	44.55 0.34 0.00	43.41 0.18 0.00	42.36 0.27 0.00	46.71 0.28 0.00	48.45 0.17 0.00	57.92 0.66 0.00	72.12 1.53 0.00	45.60 0.92 0.00	42.04 1.27 0.00	34.84 1.23 0.00	29.33 1.07 0.00
VALLEY44_115KV_TB2 355964	19.53 0.08 0.00	22.85 0.36 0.00	25.25 0.33 0.00	30.55 0.49 0.00	26.51 0.59 0.00	24.32 0.44 0.00	29.97 0.23 0.00	36.21 0.01 0.00	35.43 -0.12 0.00	36.70 -0.09 0.00	40.92 0.20 0.00	41.95 0.55 0.00	39.78 0.35 0.00	44.56 0.35 0.00	43.17 -0.06 0.00	41.86 -0.23 0.00	46.19 -0.23 0.00	48.21 -0.06 0.00	57.01 -0.26 0.00	69.71 -0.88 0.00	44.28 -0.40 0.00	40.15 -0.62 0.00	33.36 -0.26 0.00	28.88 0.61 0.00
VALLEY___115KV_TB 1-4 80826	19.93 0.47 0.00	23.22 0.73 0.00	25.73 0.81 0.00	31.04 0.97 0.00	26.78 0.87 0.00	24.69 0.80 0.00	30.88 1.14 0.00	37.56 1.35 0.00	36.85 1.29 0.00	38.19 1.40 0.00	42.27 1.55 0.00	42.87 1.47 0.00	40.97 1.54 0.00	45.61 1.41 0.00	44.78 1.54 0.00	43.74 1.64 0.00	48.26 1.84 0.00	50.15 1.88 0.00	59.31 2.05 0.00	72.94 2.36 0.00	46.16 1.48 0.00	42.18 1.41 0.00	34.74 1.12 0.00	29.17 0.90 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.02 0.56 0.00	23.29 0.80 0.00	25.87 0.96 0.00	31.20 1.13 0.00	26.86 0.95 0.00	24.72 0.83 0.00	30.88 1.14 0.00	37.59 1.38 0.00	36.94 1.38 0.00	38.29 1.50 0.00	42.44 1.72 0.00	43.25 1.85 0.00	41.22 1.78 0.00	45.98 1.77 0.00	44.94 1.71 0.00	43.79 1.69 0.00	48.34 1.92 0.00	50.24 1.97 0.00	59.51 2.25 0.00	73.04 2.45 0.00	46.24 1.56 0.00	42.18 1.41 0.00	34.73 1.11 0.00	29.21 0.94 0.00
VISCHER___FERRY HYD 24020	19.83 0.38 0.00	23.16 0.67 0.00	25.63 0.72 0.00	30.93 0.86 0.00	26.66 0.75 0.00	24.62 0.74 0.00	30.58 0.84 0.00	37.04 0.83 0.00	36.47 0.91 0.00	37.80 1.00 0.00	41.76 1.05 0.00	42.57 1.17 0.00	40.65 1.22 0.00	45.12 0.92 0.00	44.17 0.93 0.00	43.00 0.91 0.00	47.54 1.11 0.00	49.22 0.94 0.00	58.26 1.00 0.00	71.57 0.98 0.00	45.30 0.62 0.00	41.34 0.56 0.00	34.06 0.44 0.00	28.52 0.25 0.00
V_A_10_SYNC_DSASP 323832	19.27 -0.18 0.00	22.49 0.01 0.00	24.87 -0.05 0.00	30.06 -0.01 0.00	26.02 0.11 0.00	23.91 0.03 0.00	29.41 -0.34 0.00	35.32 -0.88 0.00	34.55 -1.01 0.00	35.74 -1.06 0.00	39.84 -0.88 0.00	40.95 -0.45 0.00	39.17 -0.27 0.00	43.93 -0.28 0.00	43.00 -0.24 0.00	41.72 -0.37 0.00	45.47 -0.95 0.00	47.27 -1.01 0.00	55.70 -1.56 0.00	68.24 -2.34 0.00	43.46 -1.22 0.00	39.46 -1.31 0.00	32.84 -0.78 0.00	28.47 0.20 0.00
V_CMM_10_SYNC_DSASP 323787	19.56 0.11 0.00	20.71 -1.78 0.00	22.59 -2.32 0.00	27.30 -2.77 0.00	23.75 -2.16 0.00	22.08 -1.81 0.00	27.23 -2.52 0.00	32.93 -3.28 0.00	32.05 -3.51 0.00	32.59 -4.21 0.00	36.35 -4.37 0.00	35.13 -1.47 4.80	39.09 -0.34 0.00	44.19 -0.02 0.00	43.11 -0.13 0.00	41.94 -0.15 0.00	46.14 -0.28 0.00	48.17 -0.10 0.00	57.44 0.18 0.00	71.38 0.79 0.00	45.17 0.50 0.00	41.24 0.47 0.00	34.04 0.41 0.00	28.69 0.42 0.00
V_CMP_10_SYNC_DSASP 323788	19.85 0.39 0.00	21.03 -1.45 0.00	22.76 -2.15 0.00	27.45 -2.61 0.00	23.91 -2.00 0.00	22.12 -1.77 0.00	26.94 -2.81 0.00	32.42 -3.78 0.00	31.50 -4.06 0.00	31.92 -4.87 0.00	35.50 -5.22 4.80	34.03 -2.56 0.00	38.13 -1.30 0.00	42.43 -1.77 0.00	41.62 -1.62 0.00	40.60 -1.49 0.00	44.58 -1.84 0.00	46.41 -1.87 0.00	55.63 -1.63 0.00	69.51 -1.07 0.00	43.89 -0.79 0.00	40.69 -0.09 0.00	34.20 0.58 0.00	28.94 0.67 0.00
V_D_10_SYNC_DSASP 323841	19.69 0.23 0.00	20.86 -1.62 0.00	22.77 -2.14 0.00	27.52 -2.55 0.00	23.95 -1.96 0.00	22.26 -1.63 0.00	27.46 -2.28 0.00	33.21 -2.99 0.00	32.33 -3.23 0.00	32.87 -3.93 0.00	36.66 -4.06 0.00	35.37 -1.22 4.80	39.31 -0.13 0.00	44.37 0.17 0.00	43.34 0.10 0.00	42.19 0.10 0.00	46.42 0.00 0.00	48.43 0.15 0.00	57.74 0.48 0.00	71.81 1.22 0.00	45.43 0.75 0.00	41.50 0.73 0.00	34.26 0.64 0.00	28.89 0.62 0.00
V_E_10_SYNC_DSASP 323830	19.89 0.44 0.00	23.41 0.93 0.00	25.87 0.95 0.00	31.22 1.15 0.00	27.02 1.11 0.00	24.98 1.09 0.00	31.28 1.54 0.00	38.15 1.94 0.00	37.26 1.70 0.00	38.43 1.63 0.00	42.81 2.09 0.00	43.60 2.20 0.00	41.59 2.16 0.00	46.70 2.50 0.00	45.76 2.52 0.00	44.71 2.62 0.00	49.44 3.01 0.00	51.65 3.38 0.00	61.74 4.48 0.00	75.95 5.36 0.00	48.03 3.35 0.00	43.64 2.86 0.00	35.85 2.23 0.00	30.24 1.97 0.00

V_F_30_NSYNC___DSASP 323816	20.05 0.59 0.00	23.39 0.90 0.00	25.89 0.98 0.00	31.26 1.19 0.00	26.94 1.03 0.00	24.87 0.99 0.00	30.93 1.19 0.00	37.56 1.36 0.00	36.99 1.44 0.00	38.36 1.57 0.00	42.40 1.68 0.00	43.18 1.79 0.00	41.22 1.79 0.00	45.82 1.62 0.00	44.84 1.61 0.00	43.72 1.63 0.00	48.35 1.93 0.00	50.16 1.89 0.00	59.39 2.13 0.00	72.91 2.32 0.00	46.11 1.43 0.00	42.06 1.29 0.00	34.60 0.99 0.00	28.98 0.71 0.00
V_F_30_SYNC_DSASP 323786	19.65 0.19 0.00	22.94 0.46 0.00	25.42 0.50 0.00	30.61 0.55 0.00	26.42 0.51 0.00	24.36 0.47 0.00	30.28 0.53 0.00	36.64 0.43 0.00	36.03 0.47 0.00	37.29 0.49 0.00	41.17 0.45 0.00	41.94 0.54 0.00	40.06 0.63 0.00	44.48 0.28 0.00	43.57 0.34 0.00	42.40 0.31 0.00	46.82 0.40 0.00	48.49 0.21 0.00	57.41 0.15 0.00	70.48 -0.11 0.00	44.62 -0.06 0.00	40.73 -0.05 0.00	33.58 -0.04 0.00	28.19 -0.08 0.00
V_XM_10_SYNC_DSASP 323789	19.85 0.39 0.00	21.03 -1.45 0.00	22.76 -2.15 0.00	27.45 -2.61 0.00	23.91 -2.00 0.00	22.12 -1.77 0.00	26.94 -2.81 0.00	32.42 -3.78 0.00	31.50 -4.06 0.00	31.92 -4.87 0.00	35.50 -5.22 0.00	34.03 -2.56 4.80	38.13 -1.30 0.00	42.43 -1.77 0.00	41.62 -1.62 0.00	40.60 -1.49 0.00	44.58 -1.84 0.00	46.41 -1.87 0.00	55.63 -1.63 0.00	69.51 -1.07 0.00	43.89 -0.79 0.00	40.69 -0.09 0.00	34.20 0.58 0.00	28.94 0.67 0.00
W.BABYLN_69_KV_BK1 56697	20.09 0.64 0.00	23.48 0.99 0.00	26.05 1.14 0.00	31.38 1.31 0.00	27.11 1.20 0.00	24.99 1.11 0.00	30.99 1.24 0.00	37.64 1.44 0.00	37.09 1.53 0.00	38.53 1.74 0.00	42.88 2.16 0.00	43.77 2.38 0.00	41.96 2.49 -0.04	45.92 1.72 0.00	44.90 1.67 0.00	43.78 1.69 0.00	48.31 1.89 0.00	50.28 2.00 0.00	59.22 1.96 0.00	66.12 1.59 6.07	45.83 1.15 0.00	39.73 0.94 1.98	34.57 0.96 0.00	29.10 0.83 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.23 0.77 0.00	23.56 1.08 0.00	26.02 1.11 0.00	31.40 1.33 0.00	27.09 1.18 0.00	25.05 1.16 0.00	31.29 1.54 0.00	37.99 1.78 0.00	37.27 1.71 0.00	38.57 1.77 0.00	42.65 1.94 0.00	43.60 2.20 0.00	41.51 2.08 0.00	45.94 1.74 0.00	44.93 1.70 0.00	43.88 1.79 0.00	48.54 2.12 0.00	50.45 2.18 0.00	59.78 2.52 0.00	73.09 2.50 0.00	46.16 1.48 0.00	42.18 1.41 0.00	34.76 1.15 0.00	29.15 0.88 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.25 0.79 0.00	23.59 1.11 0.00	26.03 1.12 0.00	31.45 1.39 0.00	27.15 1.25 0.00	25.11 1.23 0.00	31.38 1.64 0.00	38.08 1.87 0.00	37.36 1.80 0.00	38.69 1.89 0.00	42.77 2.05 0.00	43.70 2.31 0.00	41.60 2.17 0.00	45.95 1.75 0.00	44.92 1.68 0.00	43.85 1.76 0.00	48.48 2.05 0.00	50.42 2.15 0.00	59.77 2.51 0.00	73.06 2.47 0.00	46.09 1.41 0.00	42.16 1.39 0.00	34.82 1.20 0.00	29.18 0.91 0.00
W50THST__13_KV_LOAD 356117	20.37 0.91 0.00	23.74 1.25 0.00	26.18 1.26 0.00	31.63 1.56 0.00	27.31 1.40 0.00	25.26 1.37 0.00	31.59 1.84 0.00	38.33 2.13 0.00	37.60 2.04 0.00	38.93 2.13 0.00	43.03 2.31 0.00	43.97 2.57 0.00	41.86 2.43 0.00	46.24 2.04 0.00	45.20 1.97 0.00	44.11 2.02 0.00	48.77 2.35 0.00	50.73 2.45 0.00	60.10 2.84 0.00	73.43 2.85 0.00	46.31 1.63 0.00	42.37 1.60 0.00	35.03 1.41 0.00	29.35 1.08 0.00
WADING RIVER_IC_1 23522	19.49 0.04 0.00	22.94 0.45 0.00	25.61 0.69 0.00	30.85 0.78 0.00	26.68 0.77 0.00	24.43 0.54 0.00	30.29 0.54 0.00	37.03 0.82 0.00	36.53 0.98 0.00	37.89 1.10 0.00	41.98 1.27 0.00	42.86 1.46 0.00	41.15 1.69 -0.03	44.97 0.76 0.00	43.92 0.68 0.00	42.75 0.66 0.00	47.13 0.70 0.00	48.99 0.71 0.00	57.87 0.61 0.00	63.35 -0.01 7.22	44.63 -0.05 0.00	38.25 -0.17 2.36	33.69 0.07 0.00	28.51 0.24 0.00
WADING RIVER_IC_2 23547	19.49 0.04 0.00	22.94 0.45 0.00	25.61 0.69 0.00	30.85 0.78 0.00	26.68 0.77 0.00	24.43 0.54 0.00	30.29 0.54 0.00	37.03 0.82 0.00	36.53 0.98 0.00	37.89 1.10 0.00	41.98 1.27 0.00	42.86 1.46 0.00	41.15 1.69 -0.03	44.97 0.76 0.00	43.92 0.68 0.00	42.75 0.66 0.00	47.13 0.70 0.00	48.99 0.71 0.00	57.87 0.61 0.00	63.35 -0.01 7.22	44.63 -0.05 0.00	38.25 -0.17 2.36	33.69 0.07 0.00	28.51 0.24 0.00
WADING RIVER_IC_3 23601	19.49 0.04 0.00	22.94 0.45 0.00	25.61 0.69 0.00	30.85 0.78 0.00	26.68 0.77 0.00	24.43 0.54 0.00	30.29 0.54 0.00	37.03 0.82 0.00	36.53 0.98 0.00	37.89 1.10 0.00	41.98 1.27 0.00	42.86 1.46 0.00	41.15 1.69 -0.03	44.97 0.76 0.00	43.92 0.68 0.00	42.75 0.66 0.00	47.13 0.70 0.00	48.99 0.71 0.00	57.87 0.61 0.00	63.35 -0.01 7.22	44.63 -0.05 0.00	38.25 -0.17 2.36	33.69 0.07 0.00	28.51 0.24 0.00
WALDENNY_12_KV_BK2 80841	19.38 -0.07 0.00	22.66 0.17 0.00	25.06 0.15 0.00	30.26 0.19 0.00	26.23 0.32 0.00	24.10 0.22 0.00	29.61 -0.14 0.00	35.58 -0.63 0.00	34.76 -0.79 0.00	35.95 -0.85 0.00	40.08 -0.64 0.00	41.24 -0.16 0.00	39.38 -0.05 0.00	44.20 0.00 0.00	43.21 -0.03 0.00	41.92 -0.18 0.00	45.82 -0.61 0.00	47.62 -0.65 0.00	56.24 -1.03 0.00	68.84 -1.75 0.00	43.86 -0.82 0.00	39.81 -0.96 0.00	33.16 -0.46 0.00	28.82 0.55 0.00
WALDEN___HYDRO 24148	20.21 0.76 0.00	23.54 1.05 0.00	26.01 1.10 0.00	31.38 1.31 0.00	27.06 1.16 0.00	24.99 1.11 0.00	31.24 1.49 0.00	37.94 1.73 0.00	37.23 1.67 0.00	38.55 1.76 0.00	42.63 1.91 0.00	43.57 2.18 0.00	41.51 2.08 0.00	45.95 1.75 0.00	44.93 1.70 0.00	43.87 1.78 0.00	48.52 2.10 0.00	50.47 2.19 0.00	59.81 2.55 0.00	73.16 2.57 0.00	46.22 1.54 0.00	42.22 1.45 0.00	34.78 1.17 0.00	29.15 0.88 0.00
WARRENSBURG____ 23737	19.92 0.46 0.00	23.23 0.74 0.00	25.71 0.80 0.00	31.07 1.00 0.00	26.79 0.88 0.00	24.74 0.85 0.00	30.72 0.98 0.00	37.39 1.18 0.00	36.91 1.35 0.00	38.31 1.52 0.00	42.35 1.64 0.00	43.12 1.72 0.00	41.15 1.72 0.00	45.69 1.49 0.00	44.75 1.51 0.00	43.68 1.59 0.00	48.34 1.92 0.00	50.08 1.81 0.00	59.39 2.13 0.00	72.85 2.27 0.00	46.03 1.35 0.00	41.95 1.18 0.00	34.51 0.89 0.00	28.84 0.57 0.00
WATERSIDE___6 8 9 23538	20.25 0.79 0.00	23.59 1.10 0.00	26.04 1.13 0.00	31.37 1.30 0.00	27.06 1.15 0.00	25.06 1.17 0.00	31.32 1.57 0.00	37.98 1.77 0.00	37.24 1.68 0.00	38.53 1.74 0.00	42.60 1.88 0.00	43.54 2.14 0.00	41.48 2.05 0.00	45.80 1.60 0.00	44.78 1.54 0.00	43.72 1.63 0.00	48.33 1.90 0.00	50.26 1.99 0.00	59.55 2.29 0.00	72.78 2.19 0.00	45.96 1.28 0.00	42.10 1.32 0.00	34.83 1.22 0.00	29.20 0.93 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.79 0.33 0.00	23.03 0.54 0.00	25.51 0.59 0.00	30.78 0.71 0.00	26.54 0.63 0.00	24.47 0.58 0.00	30.55 0.81 0.00	37.17 0.96 0.00	36.49 0.93 0.00	37.79 0.99 0.00	41.81 1.09 0.00	42.49 1.09 0.00	40.57 1.14 0.00	45.24 1.04 0.00	44.34 1.11 0.00	43.27 1.18 0.00	47.75 1.33 0.00	49.63 1.36 0.00	58.74 1.47 0.00	72.24 1.65 0.00	45.72 1.04 0.00	41.75 0.98 0.00	34.38 0.76 0.00	28.87 0.60 0.00

WDELAWARE___HYD 323627	19.92 0.47 0.00	23.18 0.69 0.00	25.64 0.73 0.00	30.92 0.86 0.00	26.65 0.74 0.00	24.59 0.70 0.00	30.76 1.02 0.00	37.42 1.21 0.00	36.75 1.20 0.00	38.10 1.31 0.00	42.18 1.46 0.00	43.08 1.68 0.00	40.85 1.42 0.00	44.25 0.05 0.00	43.28 0.05 0.00	42.25 0.16 0.00	46.77 0.35 0.00	48.68 0.40 0.00	57.89 0.63 0.00	72.54 1.95 0.00	45.81 1.13 0.00	41.82 1.05 0.00	34.41 0.79 0.00	28.83 0.56 0.00
WEST BABYLON___IC 23714	20.09 0.64 0.00	23.48 0.99 0.00	26.05 1.14 0.00	31.38 1.31 0.00	27.11 1.20 0.00	24.99 1.11 0.00	30.99 1.24 0.00	37.64 1.44 0.00	37.09 1.53 0.00	38.53 1.74 0.00	42.88 2.16 0.00	43.77 2.38 0.00	41.96 2.49 -0.04	45.92 1.72 0.00	44.90 1.67 0.00	43.78 1.69 0.00	48.31 1.89 0.00	50.28 2.00 0.00	59.22 1.96 0.00	66.12 1.59 6.07	45.83 1.15 0.00	39.73 0.94 1.98	34.57 0.96 0.00	29.10 0.83 0.00
WEST CANADA___HYD 24049	19.47 0.01 0.00	22.55 0.06 0.00	24.99 0.08 0.00	30.16 0.09 0.00	25.99 0.08 0.00	23.96 0.08 0.00	29.84 0.09 0.00	36.31 0.11 0.00	35.66 0.11 0.00	36.90 0.11 0.00	40.84 0.12 0.00	41.62 0.22 0.00	39.70 0.27 0.00	44.38 0.17 0.00	43.42 0.18 0.00	42.28 0.19 0.00	46.66 0.23 0.00	48.51 0.23 0.00	57.47 0.20 0.00	70.73 0.14 0.00	44.77 0.09 0.00	40.85 0.08 0.00	33.68 0.06 0.00	28.29 0.02 0.00
WESTERN_NY_WIND 24143	19.69 0.23 0.00	22.95 0.46 0.00	25.35 0.44 0.00	30.63 0.56 0.00	26.52 0.60 0.00	24.38 0.49 0.00	30.05 0.31 0.00	36.33 0.12 0.00	35.47 -0.09 0.00	36.60 -0.20 0.00	40.78 0.06 0.00	41.90 0.50 0.00	40.05 0.63 0.00	44.90 0.69 0.00	43.90 0.67 0.00	42.71 0.62 0.00	46.65 0.23 0.00	48.59 0.31 0.00	57.30 0.04 0.00	70.34 -0.24 0.00	44.72 0.04 0.00	40.57 -0.21 0.00	33.69 0.07 0.00	29.20 0.93 0.00
WESTOVER___LESR 323668	19.49 0.04 0.00	22.74 0.25 0.00	25.18 0.27 0.00	30.40 0.33 0.00	26.22 0.32 0.00	24.15 0.27 0.00	30.10 0.36 0.00	36.70 0.49 0.00	35.93 0.37 0.00	37.19 0.40 0.00	41.27 0.55 0.00	42.10 0.70 0.00	40.02 0.59 0.00	44.73 0.53 0.00	43.65 0.41 0.00	42.53 0.44 0.00	46.92 0.50 0.00	48.90 0.62 0.00	57.90 0.64 0.00	71.07 0.48 0.00	44.97 0.29 0.00	40.97 0.20 0.00	33.83 0.21 0.00	28.63 0.36 0.00
WETHRSFD_WT_PWR 323626	19.06 -0.40 0.00	22.37 -0.11 0.00	24.82 -0.10 0.00	29.94 -0.12 0.00	25.96 0.05 0.00	23.87 -0.02 0.00	29.34 -0.41 0.00	35.40 -0.81 0.00	34.50 -1.06 0.00	35.62 -1.17 0.00	39.59 -1.13 0.00	40.73 -0.67 0.00	38.87 -0.56 0.00	43.64 -0.56 0.00	42.66 -0.57 0.00	41.42 -0.67 0.00	45.43 -1.00 0.00	47.32 -0.96 0.00	56.01 -1.26 0.00	68.77 -1.81 0.00	43.83 -0.85 0.00	39.91 -0.86 0.00	33.16 -0.45 0.00	28.66 0.40 0.00
WHAVSTOR_138KV_BK127 55557	20.11 0.66 0.00	23.43 0.95 0.00	25.88 0.97 0.00	31.23 1.17 0.00	26.94 1.03 0.00	24.90 1.01 0.00	31.10 1.35 0.00	37.75 1.54 0.00	37.02 1.46 0.00	38.31 1.51 0.00	42.35 1.63 0.00	43.30 1.90 0.00	41.22 1.79 0.00	45.63 1.43 0.00	44.61 1.37 0.00	43.56 1.46 0.00	48.19 1.77 0.00	50.08 1.81 0.00	59.34 2.07 0.00	72.54 1.95 0.00	45.83 1.15 0.00	41.90 1.13 0.00	34.55 0.94 0.00	28.97 0.70 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.11 0.66 0.00	23.43 0.95 0.00	25.88 0.97 0.00	31.23 1.17 0.00	26.94 1.03 0.00	24.90 1.01 0.00	31.10 1.35 0.00	37.75 1.54 0.00	37.02 1.46 0.00	38.31 1.51 0.00	42.35 1.63 0.00	43.30 1.90 0.00	41.22 1.79 0.00	45.63 1.43 0.00	44.61 1.37 0.00	43.56 1.46 0.00	48.19 1.77 0.00	50.08 1.81 0.00	59.34 2.07 0.00	72.54 1.95 0.00	45.83 1.15 0.00	41.90 1.13 0.00	34.55 0.94 0.00	28.97 0.70 0.00
WHITEHAL_115KV_TB1 80871	20.38 0.93 0.00	23.87 1.39 0.00	26.36 1.45 0.00	31.98 1.92 0.00	27.59 1.68 0.00	25.45 1.57 0.00	31.27 1.53 0.00	38.10 1.89 0.00	37.73 2.18 0.00	39.32 2.53 0.00	43.39 2.68 0.00	44.19 2.80 0.00	42.27 2.84 0.00	46.72 2.52 0.00	45.75 2.51 0.00	44.81 2.72 0.00	49.54 3.12 0.00	51.14 2.87 0.00	60.78 3.51 0.00	74.43 3.84 0.00	47.01 2.33 0.00	42.99 2.22 0.00	35.47 1.86 0.00	29.47 1.20 0.00
WHITEPLN_13_KV_LOAD 356215	20.32 0.87 0.00	23.68 1.20 0.00	26.15 1.24 0.00	31.56 1.50 0.00	27.23 1.32 0.00	25.16 1.28 0.00	31.44 1.70 0.00	38.17 1.97 0.00	37.47 1.91 0.00	38.82 2.02 0.00	42.96 2.24 0.00	43.92 2.52 0.00	41.83 2.40 0.00	46.25 2.04 0.00	45.20 1.97 0.00	44.11 2.01 0.00	48.80 2.38 0.00	50.73 2.46 0.00	60.11 2.85 0.00	73.47 2.89 0.00	46.37 1.69 0.00	42.39 1.62 0.00	34.96 1.34 0.00	29.30 1.03 0.00
WM_FLOYD_69_KV_BK2 356380	19.71 0.26 0.00	23.15 0.67 0.00	25.79 0.88 0.00	31.08 1.01 0.00	26.88 0.96 0.00	24.66 0.77 0.00	30.57 0.83 0.00	37.32 1.11 0.00	36.82 1.26 0.00	38.23 1.44 0.00	42.43 1.72 0.00	43.29 1.89 0.00	41.52 2.05 -0.03	45.39 1.19 0.00	44.35 1.11 0.00	43.19 1.09 0.00	47.61 1.19 0.00	49.50 1.23 0.00	58.48 1.22 0.00	64.13 0.74 7.20	45.09 0.41 0.00	38.67 0.24 2.35	34.02 0.40 0.00	28.78 0.51 0.00
WOODARD___115KV_TB2 355635	19.18 -0.28 0.00	22.28 -0.21 0.00	24.67 -0.25 0.00	29.78 -0.29 0.00	25.68 -0.23 0.00	23.70 -0.19 0.00	29.54 -0.21 0.00	36.07 -0.13 0.00	35.43 -0.13 0.00	36.66 -0.13 0.00	40.60 -0.12 0.00	41.35 -0.05 0.00	39.40 -0.03 0.00	44.07 -0.14 0.00	43.11 -0.12 0.00	42.02 -0.08 0.00	46.32 -0.11 0.00	48.22 -0.06 0.00	57.11 -0.16 0.00	70.20 -0.39 0.00	44.41 -0.27 0.00	40.46 -0.32 0.00	33.34 -0.28 0.00	28.02 -0.24 0.00
WOODMERE_69_KV_BK1 55827	20.22 0.76 0.00	23.58 1.09 0.00	26.09 1.18 0.00	31.45 1.39 0.00	27.16 1.25 0.00	25.06 1.18 0.00	31.14 1.40 0.00	37.80 1.59 0.00	37.16 1.60 0.00	38.56 1.77 0.00	42.87 2.15 0.00	43.73 2.34 0.00	41.88 2.40 -0.05	45.97 1.77 0.00	44.98 1.75 0.00	43.85 1.75 0.00	48.43 2.01 0.00	50.41 2.13 0.00	59.62 2.36 0.00	72.10 2.17 0.65	46.05 1.37 0.00	41.74 1.20 0.24	34.73 1.11 0.00	29.19 0.93 0.00
YORK___WARBASSE 23770	20.21 0.75 0.00	23.53 1.04 0.00	25.96 1.05 0.00	31.25 1.18 0.00	26.97 1.06 0.00	24.98 1.09 0.00	31.22 1.47 0.00	37.88 1.67 0.00	37.21 1.65 0.00	38.44 1.65 0.00	42.53 1.81 0.00	43.46 2.06 0.00	41.40 1.97 0.00	45.72 1.51 0.00	44.69 1.46 0.00	43.65 1.56 0.00	48.24 1.81 0.00	50.19 1.91 0.00	59.47 2.20 0.00	72.70 2.11 0.00	45.90 1.22 0.00	42.07 1.30 0.00	34.80 1.18 0.00	29.16 0.89 0.00