

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

06/28/2025

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	33.56	27.67	23.39	25.07	27.91	29.62	36.23	29.01	30.10	41.98	40.82	41.22	42.39	45.81	48.28	49.56	93.65	83.86	87.37	79.18	80.49	84.61	80.76	72.90
24138	1.94	1.88	1.76	1.88	1.78	1.70	1.93	1.71	1.71	2.31	2.54	2.58	2.56	2.76	3.09	3.53	7.07	6.71	7.12	6.58	6.03	6.42	5.24	4.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-0.35	-0.46	-0.03	-0.17	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	33.62	27.74	23.45	25.13	28.01	29.71	36.35	29.11	30.19	42.10	40.94	41.35	42.54	45.97	48.46	49.75	93.98	84.18	87.75	79.47	80.78	84.93	81.07	73.18
24260	2.00	1.94	1.82	1.94	1.87	1.80	2.05	1.80	1.80	2.43	2.66	2.71	2.71	2.93	3.27	3.72	7.40	7.03	7.49	6.87	6.33	6.74	5.56	5.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-0.35	-0.46	-0.03	-0.17	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	33.62	27.74	23.45	25.13	28.01	29.71	36.35	29.11	30.19	42.10	40.94	41.35	42.54	45.97	48.46	49.75	93.98	84.18	87.75	79.47	80.78	84.93	81.07	73.18
24261	2.00	1.94	1.82	1.94	1.87	1.80	2.05	1.80	1.80	2.43	2.66	2.71	2.71	2.93	3.27	3.72	7.40	7.03	7.49	6.87	6.33	6.74	5.56	5.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-0.35	-0.46	-0.03	-0.17	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	32.85	27.02	22.81	24.49	27.47	29.27	35.89	28.55	29.64	41.25	39.55	39.82	40.64	43.30	44.98	45.76	89.04	79.65	84.59	76.94	79.00	83.04	79.21	71.48
24011	1.22	1.23	1.18	1.30	1.34	1.36	1.59	1.25	1.25	1.59	1.27	1.17	0.80	0.62	0.79	1.06	2.55	3.00	4.34	4.35	4.54	4.85	3.70	3.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.65	0.86	0.05	0.32	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	32.69	26.96	22.74	24.41	27.46	29.28	35.90	28.67	29.63	41.38	39.58	39.85	40.33	42.94	44.72	45.81	89.04	79.82	85.33	77.60	79.50	83.62	79.36	71.76
23798	1.07	1.16	1.11	1.23	1.32	1.37	1.61	1.37	1.24	1.72	1.30	1.20	0.50	0.25	0.48	1.05	2.53	3.15	5.08	5.01	5.04	5.43	3.85	3.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.61	0.81	0.05	0.30	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	32.85	27.02	22.81	24.49	27.47	29.27	35.89	28.55	29.64	41.25	39.55	39.82	40.64	43.30	44.98	45.76	89.04	79.65	84.59	76.94	79.00	83.04	79.21	71.48
24028	1.22	1.23	1.18	1.30	1.34	1.36	1.59	1.25	1.25	1.59	1.27	1.17	0.80	0.62	0.79	1.06	2.55	3.00	4.34	4.35	4.54	4.85	3.70	3.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.65	0.86	0.05	0.32	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	33.10	27.60	23.37	25.06	28.02	29.79	36.45	28.99	30.09	41.71	40.16	40.43	41.13	43.01	43.63	43.86	89.09	78.10	83.07	75.75	77.55	81.73	77.84	70.39
23527	1.48	1.81	1.74	1.87	1.88	1.88	2.15	1.69	1.70	2.04	1.88	1.78	1.29	0.88	0.89	1.09	2.70	2.17	2.81	3.16	3.10	3.54	2.34	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	2.11	2.80	0.17	1.05	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	31.74	26.08	22.05	23.70	26.54	28.26	34.55	27.43	28.46	39.57	38.21	38.55	39.64	42.57	44.42	45.28	87.04	77.64	81.34	73.79	75.40	79.35	76.11	68.54
24190	0.12	0.29	0.42	0.52	0.41	0.35	0.25	0.12	0.07	-0.09	-0.07	-0.09	-0.19	-0.23	-0.11	0.14	0.52	0.82	1.09	1.20	0.94	1.16	0.60	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.31	0.42	0.03	0.16	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	31.55	25.49	21.16	22.53	25.56	27.53	34.09	27.26	28.53	39.91	38.23	38.65	39.95	42.84	44.85	45.32	86.36	76.77	79.92	71.85	74.15	77.66	75.52	67.61
355683	-0.07	-0.31	-0.48	-0.66	-0.57	-0.39	-0.20	-0.05	0.15	0.25	-0.05	0.00	0.11	-0.08	0.01	-0.24	-0.19	-0.21	-0.34	-0.74	-0.31	-0.53	0.01	-0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.44	26.62	22.50	24.19	27.13	28.88	35.30	27.84	28.92	40.08	38.52	38.91	40.05	42.96	44.87	45.79	87.76	78.73	82.87	75.24	77.05	81.15	77.89	70.10
323833	0.82	0.83	0.87	1.01	1.00	0.97	1.01	0.54	0.54	0.42	0.24	0.27	0.22	0.11	0.22	0.48	1.22	1.86	2.62	2.65	2.59	2.96	2.39	2.20
	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	0.07	0.20	0.26	0.02	0.10	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	32.42	26.62	22.50	24.19	27.13	28.88	35.30	27.84	28.92	40.07	38.51	38.90	40.04	42.95	44.87	45.79	87.73	78.71	82.83	75.21	77.03	81.12	77.87	70.09
323834	0.80	0.82	0.86	1.00	0.99	0.97	1.00	0.53	0.53	0.41	0.23	0.26	0.21	0.10	0.22	0.48	1.19	1.83	2.58	2.62	2.57	2.93	2.36	2.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.20	0.26	0.02	0.10	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	31.74	26.08	22.05	23.70	26.54	28.26	34.55	27.43	28.46	39.57	38.21	38.55	39.64	42.57	44.42	45.28	87.04	77.64	81.34	73.79	75.40	79.35	76.11	68.54
23571	0.12	0.29	0.42	0.52	0.41	0.35	0.25	0.12	0.07	-0.09	-0.07	-0.09	-0.19	-0.23	-0.11	0.14	0.52	0.82	1.09	1.20	0.94	1.16	0.60	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.31	0.42	0.03	0.16	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	31.74 0.12 0.00	26.08 0.29 0.00	22.05 0.42 0.00	23.70 0.52 0.00	26.54 0.41 0.00	28.26 0.35 0.00	34.55 0.25 0.00	27.43 0.12 0.00	28.46 0.07 0.00	39.57 -0.09 0.00	38.21 -0.07 0.00	38.55 -0.09 0.00	39.64 -0.19 0.00	42.57 -0.23 0.12	44.42 -0.11 0.31	45.28 0.14 0.42	87.04 0.52 0.03	77.64 0.82 0.16	81.34 1.09 0.00	73.79 1.20 0.00	75.40 0.94 0.00	79.35 1.16 0.00	76.11 0.60 0.00	68.54 0.64 0.00
ALBANY___3 23573	31.74 0.12 0.00	26.08 0.29 0.00	22.05 0.42 0.00	23.70 0.52 0.00	26.54 0.41 0.00	28.26 0.35 0.00	34.55 0.25 0.00	27.43 0.12 0.00	28.46 0.07 0.00	39.57 -0.09 0.00	38.21 -0.07 0.00	38.55 -0.09 0.00	39.64 -0.19 0.00	42.57 -0.23 0.12	44.42 -0.11 0.31	45.28 0.14 0.42	87.04 0.52 0.03	77.64 0.82 0.16	81.34 1.09 0.00	73.79 1.20 0.00	75.40 0.94 0.00	79.35 1.16 0.00	76.11 0.60 0.00	68.54 0.64 0.00
ALBANY___4 23574	31.74 0.12 0.00	26.08 0.29 0.00	22.05 0.42 0.00	23.70 0.52 0.00	26.54 0.41 0.00	28.26 0.35 0.00	34.55 0.25 0.00	27.43 0.12 0.00	28.46 0.07 0.00	39.57 -0.09 0.00	38.21 -0.07 0.00	38.55 -0.09 0.00	39.64 -0.19 0.00	42.57 -0.23 0.12	44.42 -0.11 0.31	45.28 0.14 0.42	87.04 0.52 0.03	77.64 0.82 0.16	81.34 1.09 0.00	73.79 1.20 0.00	75.40 0.94 0.00	79.35 1.16 0.00	76.11 0.60 0.00	68.54 0.64 0.00
ALBANY___LFGE 323615	32.05 0.43 0.00	26.32 0.53 0.00	22.25 0.62 0.00	23.91 0.72 0.00	26.77 0.64 0.00	28.51 0.60 0.00	34.87 0.57 0.00	27.69 0.38 0.00	28.74 0.35 0.00	39.98 0.32 0.00	38.63 0.35 0.00	38.97 0.33 0.00	40.09 0.25 0.00	43.06 0.28 0.14	44.89 0.42 0.37	45.76 0.69 0.49	88.16 1.64 0.03	78.65 1.86 0.18	82.42 2.17 0.00	74.78 2.18 0.00	76.42 1.96 0.00	80.39 2.20 0.00	77.08 1.57 0.00	69.37 1.47 0.00
ALCOA_PA_115KV_PL-6C 55860	31.71 0.09 0.00	25.60 -0.19 0.00	21.24 -0.39 0.00	22.63 -0.56 0.00	25.68 -0.45 0.00	27.66 -0.25 0.00	34.28 -0.02 0.00	27.41 0.10 0.00	28.69 0.30 0.00	40.06 0.40 0.00	38.34 0.06 0.00	38.74 0.10 0.00	40.03 0.20 0.00	42.94 0.02 0.00	44.99 0.14 0.00	45.42 -0.14 0.00	86.53 -0.03 0.00	76.93 -0.05 0.00	80.08 -0.18 0.00	72.04 -0.56 0.00	74.53 0.08 0.00	78.08 -0.10 0.00	76.03 0.52 0.00	67.95 0.05 0.00
ALCOA_RYNLDS___DRP 24188	31.71 0.09 0.00	25.60 -0.19 0.00	21.24 -0.39 0.00	22.63 -0.56 0.00	25.68 -0.45 0.00	27.66 -0.25 0.00	34.28 -0.02 0.00	27.41 0.10 0.00	28.69 0.30 0.00	40.06 0.40 0.00	38.34 0.06 0.00	38.74 0.10 0.00	40.03 0.20 0.00	42.94 0.02 0.00	44.99 0.14 0.00	45.42 -0.14 0.00	86.53 -0.03 0.00	76.93 -0.05 0.00	80.08 -0.18 0.00	72.04 -0.56 0.00	74.53 0.08 0.00	78.08 -0.10 0.00	76.03 0.52 0.00	67.95 0.05 0.00
ALCOA___DSASP 323711	31.71 0.09 0.00	25.60 -0.19 0.00	21.24 -0.39 0.00	22.63 -0.55 0.00	25.68 -0.45 0.00	27.66 -0.25 0.00	34.28 -0.02 0.00	27.41 0.10 0.00	28.69 0.30 0.00	40.06 0.40 0.00	38.35 0.06 0.00	38.74 0.10 0.00	40.03 0.20 0.00	42.94 0.02 0.00	44.99 0.14 0.00	45.45 -0.11 0.00	86.53 -0.03 0.00	76.94 -0.04 0.00	80.08 -0.18 0.00	72.04 -0.56 0.00	74.53 0.08 0.00	78.09 -0.10 0.00	76.03 0.52 0.00	67.95 0.05 0.00
ALLEGHENY___COGEN 23514	33.02 1.40 0.00	26.50 0.70 0.00	22.25 0.62 0.00	23.83 0.64 0.00	26.82 0.68 0.00	28.51 0.59 0.00	35.11 0.82 0.00	28.00 0.70 0.00	28.87 0.48 0.00	41.07 1.41 0.00	39.55 1.27 0.00	55.61 1.24 -15.73	76.54 1.39 -35.31	86.87 1.74 -42.21	87.90 1.00 -42.05	77.52 -0.23 -32.19	152.34 -2.29 -68.08	82.49 -1.77 -7.29	78.83 -1.43 0.00	72.65 0.05 0.00	75.64 1.18 0.00	79.79 1.60 0.00	77.20 1.69 0.00	70.92 3.02 0.00
ALTAMONT_115KV_TB 2 55880	32.12 0.50 0.00	26.36 0.57 0.00	22.28 0.65 0.00	23.95 0.76 0.00	26.84 0.71 0.00	28.58 0.67 0.00	34.98 0.69 0.00	27.74 0.44 0.00	28.78 0.39 0.00	40.09 0.43 0.00	38.74 0.46 0.00	39.07 0.42 0.00	40.19 0.36 0.00	43.21 0.36 0.07	45.14 0.49 0.20	45.99 0.69 0.26	87.99 1.46 0.02	78.53 1.65 0.10	82.20 1.94 0.00	74.57 1.97 0.00	76.26 1.80 0.00	80.27 2.08 0.00	77.03 1.52 0.00	69.37 1.46 0.00
ALTONA_WT_PWR 323606	31.37 -0.25 0.00	25.23 -0.57 0.00	21.03 -0.60 0.00	22.26 -0.93 0.00	25.15 -0.99 0.00	27.18 -0.74 0.00	33.88 -0.42 0.00	27.04 -0.26 0.00	28.27 -0.12 0.00	39.70 0.04 0.00	37.81 -0.47 0.00	38.16 -0.48 0.00	39.54 -0.29 0.00	42.28 -0.63 0.00	44.48 -0.36 0.00	45.32 -0.24 0.00	87.13 0.57 0.00	77.04 0.07 0.00	79.82 -0.44 0.00	71.65 -0.95 0.00	74.05 -0.41 0.00	77.85 -0.34 0.00	75.49 -0.01 0.00	67.59 -0.31 0.00
AMERICAN_REF_FUEL 24010	31.51 -0.11 0.00	25.17 -0.63 0.00	21.03 -0.60 0.00	22.51 -0.68 0.00	25.38 -0.76 0.00	26.83 -1.09 0.00	33.01 -1.29 0.00	26.50 -0.80 0.00	27.93 -0.46 0.00	40.21 0.54 0.00	38.69 0.41 0.00	40.17 0.46 -1.06	42.86 0.64 -2.38	46.62 0.85 -2.85	47.72 0.04 -2.84	46.01 -0.89 -1.33	67.63 -2.95 15.98	72.29 -2.97 1.71	77.10 -3.15 0.00	69.24 -3.36 0.00	70.96 -3.49 0.00	74.11 -4.07 0.00	72.48 -3.02 0.00	65.48 -2.42 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.36 -0.27 0.00	24.93 -0.86 0.00	21.03 -0.60 0.00	22.46 -0.73 0.00	25.26 -0.87 0.00	26.78 -1.13 0.00	33.16 -1.13 0.00	26.86 -0.45 0.00	28.46 0.07 0.00	40.92 1.25 0.00	39.15 0.87 0.00	40.58 0.59 -1.34	43.20 0.35 -3.02	47.30 0.78 -3.61	48.36 -0.08 -3.60	46.78 -0.76 -1.98	71.17 -2.31 13.07	73.86 -1.72 1.40	79.00 -1.25 0.00	71.91 -0.69 0.00	74.92 0.46 0.00	78.49 0.30 0.00	76.00 0.50 0.00	68.40 0.50 0.00
ARTHUR KILL_GT_1 23520	33.45 1.82 0.00	27.62 1.82 0.00	23.35 1.72 0.00	25.03 1.84 0.00	27.89 1.75 0.00	29.56 1.65 0.00	36.19 1.90 0.00	28.98 1.67 0.00	30.04 1.65 0.00	41.90 2.24 0.00	40.76 2.47 0.00	41.07 2.43 0.00	42.27 2.44 0.00	45.59 2.54 -0.13	48.03 2.83 -0.35	49.20 3.17 -0.46	92.62 6.04 -0.03	83.22 6.07 -0.17	86.73 6.48 0.00	78.66 6.07 0.00	79.98 5.53 0.00	84.05 5.86 0.00	80.34 4.83 0.00	72.77 4.86 0.00
ARTHUR_KILL_2 23512	33.35 1.72 0.00	27.54 1.75 0.00	23.29 1.65 0.00	24.96 1.77 0.00	27.80 1.67 0.00	29.47 1.56 0.00	36.08 1.79 0.00	28.89 1.59 0.00	29.95 1.56 0.00	41.76 2.10 0.00	40.63 2.35 0.00	40.95 2.31 0.00	42.12 2.29 0.00	45.44 2.39 -0.13	47.88 2.68 -0.35	49.03 3.00 -0.46	92.28 5.70 -0.03	82.88 5.73 -0.17	86.37 6.12 0.00	78.32 5.72 0.00	79.63 5.18 0.00	83.70 5.51 0.00	79.98 4.47 0.00	72.44 4.54 0.00
ARTHUR_KILL_3 23513	33.21 1.59 0.00	27.42 1.62 0.00	23.19 1.56 0.00	24.85 1.66 0.00	27.68 1.54 0.00	29.35 1.43 0.00	35.91 1.61 0.00	28.75 1.44 0.00	29.81 1.42 0.00	41.54 1.88 0.00	40.41 2.13 0.00	40.78 2.13 0.00	41.94 2.11 0.00	45.30 2.25 -0.13	47.77 2.58 -0.35	49.05 3.02 -0.46	92.64 6.06 -0.03	82.95 5.80 -0.17	86.45 6.20 0.00	78.37 5.77 0.00	79.65 5.19 0.00	83.75 5.56 0.00	79.94 4.43 0.00	72.20 4.30 0.00

ARTHUR_KILL_COGEN 323718	33.45 1.82 0.00	27.62 1.82 0.00	23.35 1.72 0.00	25.03 1.84 0.00	27.89 1.75 0.00	29.56 1.65 0.00	36.19 1.90 0.00	28.98 1.67 0.00	30.04 1.65 0.00	41.89 2.23 0.00	40.76 2.48 0.00	41.08 2.43 0.00	42.27 2.44 0.00	45.59 2.54 -0.13	48.02 2.83 -0.35	49.19 3.16 -0.46	92.62 6.04 -0.03	83.21 6.06 -0.17	86.72 6.47 0.00	78.66 6.06 0.00	79.98 5.53 0.00	84.05 5.87 0.00	80.34 4.83 0.00	72.74 4.84 0.00
ASHOKAN____ 23654	32.98 1.36 0.00	27.06 1.27 0.00	22.88 1.25 0.00	24.57 1.38 0.00	27.46 1.33 0.00	29.20 1.29 0.00	35.73 1.43 0.00	28.48 1.17 0.00	29.51 1.12 0.00	41.02 1.36 0.00	39.65 1.37 0.00	40.12 1.48 0.00	41.11 1.27 0.00	44.43 1.51 0.00	46.82 1.97 0.00	48.01 2.44 0.00	91.82 5.27 0.00	82.79 5.82 0.00	86.71 6.46 0.00	78.68 6.08 0.00	80.21 5.75 0.00	84.28 6.09 0.00	80.51 5.00 0.00	72.21 4.31 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.39 1.77 0.00	27.64 1.85 0.00	23.36 1.73 0.00	25.03 1.85 0.00	27.86 1.73 0.00	29.48 1.56 0.00	36.09 1.79 0.00	28.98 1.68 0.00	30.00 1.61 0.00	41.76 2.10 0.00	40.69 2.41 0.00	41.02 2.38 0.00	42.12 2.28 0.00	45.59 2.53 -0.13	48.03 2.84 -0.35	49.44 3.40 -0.46	93.13 6.55 -0.03	83.51 6.36 -0.17	87.00 6.75 0.00	78.80 6.21 0.00	80.12 5.66 0.00	84.21 6.02 0.00	80.45 4.94 0.00	72.70 4.79 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.39 1.77 0.00	27.64 1.84 0.00	23.36 1.73 0.00	25.04 1.85 0.00	27.86 1.72 0.00	29.47 1.56 0.00	36.09 1.79 0.00	28.98 1.67 0.00	30.00 1.61 0.00	41.76 2.10 0.00	40.69 2.41 0.00	41.02 2.38 0.00	42.12 2.28 0.00	45.59 2.53 -0.13	48.03 2.84 -0.35	49.44 3.40 -0.46	93.13 6.55 -0.03	83.51 6.36 -0.17	87.00 6.75 0.00	78.80 6.21 0.00	80.12 5.66 0.00	84.21 6.02 0.00	80.45 4.94 0.00	72.70 4.79 0.00
ASTORIA_GT2_1 24094	33.41 1.78 0.00	27.65 1.86 0.00	23.37 1.74 0.00	25.05 1.86 0.00	27.87 1.74 0.00	29.49 1.57 0.00	36.10 1.80 0.00	29.00 1.69 0.00	30.01 1.62 0.00	41.78 2.12 0.00	40.71 2.43 0.00	41.05 2.40 0.00	42.14 2.31 0.00	45.61 2.56 -0.13	48.07 2.88 -0.35	49.46 3.43 -0.46	93.18 6.60 -0.03	83.57 6.42 -0.17	87.05 6.80 0.00	78.86 6.26 0.00	80.15 5.69 0.00	84.27 6.08 0.00	80.49 4.98 0.00	72.79 4.88 0.00
ASTORIA_GT2_2 24095	33.41 1.78 0.00	27.65 1.86 0.00	23.37 1.74 0.00	25.05 1.86 0.00	27.87 1.74 0.00	29.49 1.57 0.00	36.10 1.80 0.00	29.00 1.69 0.00	30.01 1.62 0.00	41.78 2.12 0.00	40.71 2.43 0.00	41.05 2.40 0.00	42.14 2.31 0.00	45.61 2.56 -0.13	48.07 2.88 -0.35	49.46 3.43 -0.46	93.18 6.60 -0.03	83.57 6.42 -0.17	87.05 6.80 0.00	78.86 6.26 0.00	80.15 5.69 0.00	84.27 6.08 0.00	80.49 4.98 0.00	72.79 4.88 0.00
ASTORIA_GT2_3 24096	33.41 1.78 0.00	27.65 1.86 0.00	23.37 1.74 0.00	25.05 1.86 0.00	27.87 1.74 0.00	29.49 1.57 0.00	36.10 1.80 0.00	29.00 1.69 0.00	30.01 1.62 0.00	41.78 2.12 0.00	40.71 2.43 0.00	41.05 2.40 0.00	42.14 2.31 0.00	45.61 2.56 -0.13	48.07 2.88 -0.35	49.46 3.43 -0.46	93.18 6.60 -0.03	83.57 6.42 -0.17	87.05 6.80 0.00	78.86 6.26 0.00	80.15 5.69 0.00	84.27 6.08 0.00	80.49 4.98 0.00	72.79 4.88 0.00
ASTORIA_GT2_4 24097	33.41 1.78 0.00	27.65 1.86 0.00	23.37 1.74 0.00	25.05 1.86 0.00	27.87 1.74 0.00	29.49 1.57 0.00	36.10 1.80 0.00	29.00 1.69 0.00	30.01 1.62 0.00	41.78 2.12 0.00	40.71 2.43 0.00	41.05 2.40 0.00	42.14 2.31 0.00	45.61 2.56 -0.13	48.07 2.88 -0.35	49.46 3.43 -0.46	93.18 6.60 -0.03	83.57 6.42 -0.17	87.05 6.80 0.00	78.86 6.26 0.00	80.15 5.69 0.00	84.27 6.08 0.00	80.49 4.98 0.00	72.79 4.88 0.00
ASTORIA_GT3_1 24098	33.41 1.78 0.00	27.65 1.86 0.00	23.37 1.74 0.00	25.05 1.86 0.00	27.87 1.74 0.00	29.49 1.57 0.00	36.10 1.80 0.00	29.00 1.69 0.00	30.01 1.62 0.00	41.78 2.12 0.00	40.71 2.43 0.00	41.05 2.40 0.00	42.14 2.31 0.00	45.61 2.56 -0.13	48.07 2.88 -0.35	49.46 3.43 -0.46	93.18 6.60 -0.03	83.57 6.42 -0.17	87.05 6.80 0.00	78.86 6.26 0.00	80.15 5.69 0.00	84.27 6.08 0.00	80.49 4.98 0.00	72.79 4.88 0.00
ASTORIA_GT3_2 24099	33.41 1.78 0.00	27.65 1.86 0.00	23.37 1.74 0.00	25.05 1.86 0.00	27.87 1.74 0.00	29.49 1.57 0.00	36.10 1.80 0.00	29.00 1.69 0.00	30.01 1.62 0.00	41.78 2.12 0.00	40.71 2.43 0.00	41.05 2.40 0.00	42.14 2.31 0.00	45.61 2.56 -0.13	48.07 2.88 -0.35	49.46 3.43 -0.46	93.18 6.60 -0.03	83.57 6.42 -0.17	87.05 6.80 0.00	78.86 6.26 0.00	80.15 5.69 0.00	84.27 6.08 0.00	80.49 4.98 0.00	72.79 4.88 0.00
ASTORIA_GT3_3 24100	33.41 1.78 0.00	27.65 1.86 0.00	23.37 1.74 0.00	25.05 1.86 0.00	27.87 1.74 0.00	29.49 1.57 0.00	36.10 1.80 0.00	29.00 1.69 0.00	30.01 1.62 0.00	41.78 2.12 0.00	40.71 2.43 0.00	41.05 2.40 0.00	42.14 2.31 0.00	45.61 2.56 -0.13	48.07 2.88 -0.35	49.46 3.43 -0.46	93.18 6.60 -0.03	83.57 6.42 -0.17	87.05 6.80 0.00	78.86 6.26 0.00	80.15 5.69 0.00	84.27 6.08 0.00	80.49 4.98 0.00	72.79 4.88 0.00
ASTORIA_GT3_4 24101	33.41 1.78 0.00	27.65 1.86 0.00	23.37 1.74 0.00	25.05 1.86 0.00	27.87 1.74 0.00	29.49 1.57 0.00	36.10 1.80 0.00	29.00 1.69 0.00	30.01 1.62 0.00	41.78 2.12 0.00	40.71 2.43 0.00	41.05 2.40 0.00	42.14 2.31 0.00	45.61 2.56 -0.13	48.07 2.88 -0.35	49.46 3.43 -0.46	93.18 6.60 -0.03	83.57 6.42 -0.17	87.05 6.80 0.00	78.86 6.26 0.00	80.15 5.69 0.00	84.27 6.08 0.00	80.49 4.98 0.00	72.79 4.88 0.00
ASTORIA_GT4_1 24102	33.41 1.78 0.00	27.65 1.86 0.00	23.37 1.74 0.00	25.05 1.86 0.00	27.87 1.74 0.00	29.49 1.57 0.00	36.10 1.80 0.00	29.00 1.69 0.00	30.01 1.62 0.00	41.78 2.12 0.00	40.71 2.43 0.00	41.05 2.40 0.00	42.14 2.31 0.00	45.61 2.56 -0.13	48.07 2.88 -0.35	49.46 3.43 -0.46	93.18 6.60 -0.03	83.57 6.42 -0.17	87.05 6.80 0.00	78.86 6.26 0.00	80.15 5.69 0.00	84.27 6.08 0.00	80.49 4.98 0.00	72.79 4.88 0.00
ASTORIA_GT4_2 24103	33.41 1.78 0.00	27.65 1.86 0.00	23.37 1.74 0.00	25.05 1.86 0.00	27.87 1.74 0.00	29.49 1.57 0.00	36.10 1.80 0.00	29.00 1.69 0.00	30.01 1.62 0.00	41.78 2.12 0.00	40.71 2.43 0.00	41.05 2.40 0.00	42.14 2.31 0.00	45.61 2.56 -0.13	48.07 2.88 -0.35	49.46 3.43 -0.46	93.18 6.60 -0.03	83.57 6.42 -0.17	87.05 6.80 0.00	78.86 6.26 0.00	80.15 5.69 0.00	84.27 6.08 0.00	80.49 4.98 0.00	72.79 4.88 0.00
ASTORIA_GT4_3 24104	33.41 1.78 0.00	27.65 1.86 0.00	23.37 1.74 0.00	25.05 1.86 0.00	27.87 1.74 0.00	29.49 1.57 0.00	36.10 1.80 0.00	29.00 1.69 0.00	30.01 1.62 0.00	41.78 2.12 0.00	40.71 2.43 0.00	41.05 2.40 0.00	42.14 2.31 0.00	45.61 2.56 -0.13	48.07 2.88 -0.35	49.46 3.43 -0.46	93.18 6.60 -0.03	83.57 6.42 -0.17	87.05 6.80 0.00	78.86 6.26 0.00	80.15 5.69 0.00	84.27 6.08 0.00	80.49 4.98 0.00	72.79 4.88 0.00

ASTORIA_GT4_4 24105	33.41 1.78 0.00	27.65 1.86 0.00	23.37 1.74 0.00	25.05 1.86 0.00	27.87 1.74 0.00	29.49 1.57 0.00	36.10 1.80 0.00	29.00 1.69 0.00	30.01 1.62 0.00	41.78 2.12 0.00	40.71 2.43 0.00	41.05 2.40 0.00	42.14 2.31 0.00	45.61 2.56 -0.13	48.07 2.88 -0.35	49.46 3.43 -0.46	93.18 6.60 -0.03	83.57 6.42 -0.17	87.05 6.80 0.00	78.86 6.26 0.00	80.15 5.69 0.00	84.27 6.08 0.00	80.49 4.98 0.00	72.79 4.88 0.00
ASTORIA_GT_1 23523	33.46 1.85 0.00	27.69 1.90 0.00	23.40 1.77 0.00	25.08 1.89 0.00	27.91 1.78 0.00	29.54 1.62 0.00	36.16 1.86 0.00	29.05 1.74 0.00	30.06 1.67 0.00	41.86 2.19 0.00	40.79 2.51 0.00	41.12 2.48 0.00	42.23 2.40 0.00	45.71 2.66 -0.13	48.17 2.98 -0.35	49.57 3.54 -0.46	93.39 6.81 -0.03	83.74 6.60 -0.17	87.26 7.00 0.00	79.02 6.42 0.00	80.34 5.88 0.00	84.44 6.25 0.00	80.67 5.16 0.00	72.94 5.03 0.00
ASTORIA_GT_10 24110	33.44 1.81 0.00	27.62 1.82 0.00	23.34 1.71 0.00	25.01 1.83 0.00	27.86 1.73 0.00	29.54 1.62 0.00	36.12 1.82 0.00	28.95 1.64 0.00	29.97 1.58 0.00	41.75 2.08 0.00	40.63 2.35 0.00	41.02 2.37 0.00	42.17 2.34 0.00	45.57 2.52 -0.13	48.04 2.85 -0.35	49.32 3.29 -0.46	92.99 6.41 -0.03	83.32 6.17 -0.17	86.85 6.60 0.00	78.69 6.09 0.00	80.00 5.54 0.00	84.09 5.89 0.00	80.24 4.74 0.00	72.52 4.62 0.00
ASTORIA_GT_11 24225	33.44 1.81 0.00	27.62 1.82 0.00	23.34 1.71 0.00	25.01 1.83 0.00	27.86 1.73 0.00	29.54 1.62 0.00	36.12 1.82 0.00	28.95 1.64 0.00	29.97 1.58 0.00	41.75 2.08 0.00	40.63 2.35 0.00	41.02 2.37 0.00	42.17 2.34 0.00	45.57 2.52 -0.13	48.04 2.85 -0.35	49.32 3.29 -0.46	92.99 6.41 -0.03	83.32 6.17 -0.17	86.85 6.60 0.00	78.69 6.09 0.00	80.00 5.54 0.00	84.09 5.89 0.00	80.24 4.74 0.00	72.52 4.62 0.00
ASTORIA_GT_12 24226	33.44 1.81 0.00	27.62 1.82 0.00	23.34 1.71 0.00	25.01 1.83 0.00	27.86 1.73 0.00	29.54 1.62 0.00	36.12 1.82 0.00	28.95 1.64 0.00	29.97 1.58 0.00	41.75 2.08 0.00	40.63 2.35 0.00	41.02 2.37 0.00	42.17 2.34 0.00	45.57 2.52 -0.13	48.04 2.85 -0.35	49.32 3.29 -0.46	92.99 6.41 -0.03	83.32 6.17 -0.17	86.85 6.60 0.00	78.69 6.09 0.00	80.00 5.54 0.00	84.09 5.89 0.00	80.24 4.74 0.00	72.52 4.62 0.00
ASTORIA_GT_13 24227	33.44 1.81 0.00	27.62 1.82 0.00	23.34 1.71 0.00	25.01 1.83 0.00	27.86 1.73 0.00	29.54 1.62 0.00	36.12 1.82 0.00	28.95 1.64 0.00	29.97 1.58 0.00	41.75 2.08 0.00	40.63 2.35 0.00	41.02 2.37 0.00	42.17 2.34 0.00	45.57 2.52 -0.13	48.04 2.85 -0.35	49.32 3.29 -0.46	92.99 6.41 -0.03	83.32 6.17 -0.17	86.85 6.60 0.00	78.69 6.09 0.00	80.00 5.54 0.00	84.09 5.89 0.00	80.24 4.74 0.00	72.52 4.62 0.00
ASTORIA_GT_5 24106	33.46 1.85 0.00	27.69 1.90 0.00	23.40 1.77 0.00	25.08 1.89 0.00	27.91 1.78 0.00	29.54 1.62 0.00	36.16 1.86 0.00	29.05 1.74 0.00	30.06 1.67 0.00	41.86 2.19 0.00	40.79 2.51 0.00	41.12 2.48 0.00	42.23 2.40 0.00	45.71 2.66 -0.13	48.17 2.98 -0.35	49.57 3.54 -0.46	93.39 6.81 -0.03	83.74 6.60 -0.17	87.26 7.00 0.00	79.02 6.42 0.00	80.34 5.88 0.00	84.44 6.25 0.00	80.67 5.16 0.00	72.94 5.03 0.00
ASTORIA_GT_7 24107	33.46 1.85 0.00	27.69 1.90 0.00	23.40 1.77 0.00	25.08 1.89 0.00	27.91 1.78 0.00	29.54 1.62 0.00	36.16 1.86 0.00	29.05 1.74 0.00	30.06 1.67 0.00	41.86 2.19 0.00	40.79 2.51 0.00	41.12 2.48 0.00	42.23 2.40 0.00	45.71 2.66 -0.13	48.17 2.98 -0.35	49.57 3.54 -0.46	93.39 6.81 -0.03	83.74 6.60 -0.17	87.26 7.00 0.00	79.02 6.42 0.00	80.34 5.88 0.00	84.44 6.25 0.00	80.67 5.16 0.00	72.94 5.03 0.00
ASTORIA_GT_8 24108	33.46 1.85 0.00	27.69 1.90 0.00	23.40 1.77 0.00	25.08 1.89 0.00	27.91 1.78 0.00	29.54 1.62 0.00	36.16 1.86 0.00	29.05 1.74 0.00	30.06 1.67 0.00	41.86 2.19 0.00	40.79 2.51 0.00	41.12 2.48 0.00	42.23 2.40 0.00	45.71 2.66 -0.13	48.17 2.98 -0.35	49.57 3.54 -0.46	93.39 6.81 -0.03	83.74 6.60 -0.17	87.26 7.00 0.00	79.02 6.42 0.00	80.34 5.88 0.00	84.44 6.25 0.00	80.67 5.16 0.00	72.94 5.03 0.00
ASTORIA___2 24149	33.41 1.79 0.00	27.65 1.85 0.00	23.37 1.74 0.00	25.05 1.86 0.00	27.87 1.73 0.00	29.49 1.57 0.00	36.09 1.80 0.00	29.00 1.69 0.00	30.01 1.62 0.00	41.77 2.11 0.00	40.72 2.43 0.00	41.05 2.41 0.00	42.14 2.31 0.00	45.61 2.56 -0.13	48.07 2.88 -0.35	49.45 3.42 -0.46	93.18 6.60 -0.03	83.56 6.41 -0.17	87.05 6.80 0.00	78.86 6.26 0.00	80.15 5.69 0.00	84.27 6.08 0.00	80.49 4.98 0.00	72.75 4.84 0.00
ASTORIA___3 23516	33.44 1.81 0.00	27.62 1.82 0.00	23.34 1.71 0.00	25.01 1.82 0.00	27.86 1.73 0.00	29.54 1.62 0.00	36.12 1.82 0.00	28.95 1.64 0.00	29.97 1.58 0.00	41.74 2.08 0.00	40.63 2.35 0.00	41.02 2.38 0.00	42.17 2.34 0.00	45.57 2.52 -0.13	48.04 2.85 -0.35	49.32 3.28 -0.46	92.99 6.41 -0.03	83.32 6.17 -0.17	86.86 6.60 0.00	78.69 6.09 0.00	80.00 5.54 0.00	84.09 5.90 0.00	80.24 4.74 0.00	72.49 4.59 0.00
ASTORIA___4 23517	33.44 1.81 0.00	27.62 1.82 0.00	23.34 1.71 0.00	25.01 1.83 0.00	27.86 1.73 0.00	29.54 1.62 0.00	36.12 1.82 0.00	28.95 1.64 0.00	29.97 1.58 0.00	41.75 2.08 0.00	40.63 2.35 0.00	41.02 2.37 0.00	42.17 2.34 0.00	45.57 2.52 -0.13	48.04 2.85 -0.35	49.32 3.29 -0.46	92.99 6.41 -0.03	83.32 6.17 -0.17	86.85 6.60 0.00	78.69 6.09 0.00	80.00 5.54 0.00	84.09 5.89 0.00	80.24 4.74 0.00	72.52 4.62 0.00
ASTORIA___5 23518	33.44 1.81 0.00	27.62 1.82 0.00	23.34 1.71 0.00	25.01 1.82 0.00	27.86 1.73 0.00	29.54 1.62 0.00	36.12 1.82 0.00	28.95 1.64 0.00	29.97 1.58 0.00	41.74 2.08 0.00	40.63 2.35 0.00	41.02 2.38 0.00	42.17 2.34 0.00	45.57 2.52 -0.13	48.04 2.85 -0.35	49.32 3.28 -0.46	92.99 6.41 -0.03	83.32 6.17 -0.17	86.85 6.60 0.00	78.69 6.09 0.00	80.00 5.54 0.00	84.09 5.90 0.00	80.24 4.74 0.00	72.49 4.59 0.00
AST_ENERGY_2_CC3 323677	33.05 1.70 0.27	27.53 1.74 0.00	23.28 1.65 0.00	24.94 1.75 0.00	27.79 1.65 0.00	29.47 1.56 0.00	36.01 1.71 0.00	28.85 1.55 0.00	29.90 1.52 0.00	41.66 1.99 0.00	40.52 2.23 0.00	40.91 2.27 0.00	42.06 2.23 0.00	45.43 2.38 -0.13	47.91 2.72 -0.35	49.19 3.16 -0.46	92.91 6.34 -0.03	83.22 6.08 -0.17	86.71 6.45 0.00	78.58 5.99 0.00	79.88 5.42 0.00	83.99 5.80 0.00	80.18 4.67 0.00	72.42 4.52 0.00
AST_ENERGY_2_CC4 323678	33.05 1.70 0.27	27.53 1.74 0.00	23.28 1.65 0.00	24.94 1.75 0.00	27.79 1.65 0.00	29.47 1.56 0.00	36.01 1.71 0.00	28.85 1.55 0.00	29.90 1.52 0.00	41.66 1.99 0.00	40.52 2.23 0.00	40.91 2.27 0.00	42.06 2.23 0.00	45.43 2.38 -0.13	47.91 2.72 -0.35	49.19 3.16 -0.46	92.91 6.34 -0.03	83.22 6.08 -0.17	86.71 6.45 0.00	78.58 5.99 0.00	79.88 5.42 0.00	83.99 5.80 0.00	80.18 4.67 0.00	72.42 4.52 0.00

ATHENS_STG_1 23668	32.40 0.77 0.00	26.66 0.87 0.00	22.58 0.95 0.00	24.28 1.09 0.00	27.17 1.03 0.00	28.89 0.98 0.00	35.31 1.02 0.00	27.99 0.69 0.00	29.03 0.64 0.00	40.46 0.79 0.00	39.18 0.90 0.00	39.52 0.88 0.00	40.59 0.76 0.00	43.78 0.79 -0.07	45.96 0.95 -0.17	47.02 1.23 -0.23	89.09 2.52 -0.01	79.54 2.47 -0.09	82.96 2.71 0.00	75.29 2.69 0.00	76.84 2.38 0.00	80.89 2.70 0.00	77.52 2.01 0.00	69.85 1.96 0.00
ATHENS_STG_2 23670	32.40 0.77 0.00	26.66 0.87 0.00	22.58 0.95 0.00	24.28 1.09 0.00	27.17 1.03 0.00	28.89 0.98 0.00	35.31 1.02 0.00	27.99 0.69 0.00	29.03 0.64 0.00	40.46 0.79 0.00	39.18 0.90 0.00	39.52 0.88 0.00	40.59 0.76 0.00	43.78 0.79 -0.07	45.96 0.95 -0.17	47.02 1.23 -0.23	89.09 2.52 -0.01	79.54 2.47 -0.09	82.96 2.71 0.00	75.29 2.69 0.00	76.84 2.38 0.00	80.89 2.70 0.00	77.52 2.01 0.00	69.85 1.96 0.00
ATHENS_STG_3 23677	32.40 0.77 0.00	26.66 0.87 0.00	22.58 0.95 0.00	24.28 1.09 0.00	27.17 1.03 0.00	28.89 0.98 0.00	35.31 1.02 0.00	27.99 0.69 0.00	29.03 0.64 0.00	40.46 0.79 0.00	39.18 0.90 0.00	39.52 0.88 0.00	40.59 0.76 0.00	43.78 0.79 -0.07	45.96 0.95 -0.17	47.02 1.23 -0.23	89.09 2.52 -0.01	79.54 2.47 -0.09	82.96 2.71 0.00	75.29 2.69 0.00	76.84 2.38 0.00	80.89 2.70 0.00	77.52 2.01 0.00	69.85 1.96 0.00
AUBURN___LFGE 323710	31.85 0.23 0.00	25.90 0.11 0.00	21.82 0.19 0.00	23.45 0.27 0.00	26.29 0.16 0.00	28.09 0.17 0.00	34.37 0.08 0.00	27.48 0.18 0.00	28.51 0.12 0.00	39.85 0.19 0.00	38.54 0.26 0.00	39.52 0.19 -0.69	41.61 0.22 -1.56	45.36 0.58 -1.86	47.26 0.55 -1.86	47.37 0.51 -1.30	89.05 0.74 -1.76	78.23 0.74 -0.51	81.21 0.74 -0.21	73.93 1.33 0.00	76.50 1.32 -0.72	80.59 1.19 -1.21	76.58 0.77 -0.30	68.39 0.44 -0.05
BABYLON_RES_REC 323704	33.67 2.05 0.00	27.78 1.98 0.00	23.42 1.79 0.00	24.98 1.79 0.00	27.90 1.76 0.00	29.62 1.71 0.00	36.26 1.96 0.00	29.03 1.73 0.00	30.08 1.69 0.00	41.77 2.11 0.00	40.86 2.57 0.00	41.44 2.80 0.00	42.04 2.21 0.00	44.89 1.84 -0.13	47.20 2.01 -0.35	49.04 3.01 -0.46	93.15 6.57 -0.03	83.38 6.23 -0.17	87.16 6.91 0.00	78.77 6.18 0.00	79.63 5.18 0.00	83.68 5.49 0.00	79.39 3.88 0.00	71.88 3.98 0.00
BALL_HILL_WT_PWR 323825	31.73 0.11 0.00	25.34 -0.46 0.00	21.30 -0.33 0.00	22.76 -0.42 0.00	25.63 -0.51 0.00	27.14 -0.78 0.00	33.45 -0.84 0.00	26.95 -0.36 0.00	28.39 0.00 0.00	40.75 1.09 0.00	39.09 0.81 0.00	40.39 0.76 -0.99	42.78 0.74 -2.21	46.76 1.19 -2.65	47.88 0.40 -2.64	46.40 -0.33 -1.17	68.28 -1.74 16.53	73.67 -1.53 1.77	78.87 -1.39 0.00	71.35 -1.25 0.00	73.62 -0.84 0.00	77.07 -1.12 0.00	74.78 -0.73 0.00	67.39 -0.52 0.00
BARON_WINDS___WT_PWR 323822	30.83 -0.79 0.00	24.81 -0.99 0.00	21.02 -0.61 0.00	22.49 -0.69 0.00	25.32 -0.81 0.00	26.98 -0.94 0.00	33.17 -1.12 0.00	26.55 -0.76 0.00	27.53 -0.86 0.00	39.38 -0.28 0.00	37.89 -0.40 0.00	19.51 -0.63 18.50	-2.40 -0.70 41.53	-7.00 -0.27 49.65	-5.42 -0.80 49.46	4.32 -1.52 39.72	-42.21 -3.04 125.73	60.90 -2.60 13.46	78.03 -2.23 0.00	71.31 -1.29 0.00	73.46 -0.99 0.00	77.34 -0.85 0.00	74.86 -0.64 0.00	67.72 -0.18 0.00
BARRETT_IC_1 23704	33.37 1.75 0.00	27.50 1.71 0.00	23.20 1.57 0.00	24.80 1.61 0.00	27.70 1.57 0.00	29.41 1.49 0.00	35.94 1.64 0.00	28.76 1.46 0.00	29.77 1.39 0.00	41.43 1.77 0.00	40.53 2.25 0.00	41.09 2.45 0.00	41.95 2.12 0.00	45.12 2.07 -0.13	47.47 2.28 -0.35	49.09 3.06 -0.46	93.02 6.44 -0.03	83.18 6.03 -0.17	86.73 6.47 0.00	78.53 5.93 0.00	79.59 5.13 0.00	83.66 5.47 0.00	79.48 3.98 0.00	71.89 3.99 0.00
BARRETT_IC_10 23701	33.37 1.75 0.00	27.50 1.71 0.00	23.20 1.57 0.00	24.80 1.61 0.00	27.70 1.57 0.00	29.41 1.49 0.00	35.94 1.64 0.00	28.76 1.46 0.00	29.77 1.39 0.00	41.43 1.77 0.00	40.53 2.25 0.00	41.09 2.45 0.00	41.95 2.12 0.00	45.12 2.07 -0.13	47.47 2.28 -0.35	49.09 3.06 -0.46	93.02 6.44 -0.03	83.18 6.03 -0.17	86.73 6.47 0.00	78.53 5.93 0.00	79.59 5.13 0.00	83.66 5.47 0.00	79.48 3.98 0.00	71.89 3.99 0.00
BARRETT_IC_11 23702	33.37 1.75 0.00	27.50 1.71 0.00	23.20 1.57 0.00	24.80 1.61 0.00	27.70 1.57 0.00	29.41 1.49 0.00	35.94 1.64 0.00	28.76 1.46 0.00	29.77 1.39 0.00	41.43 1.77 0.00	40.53 2.25 0.00	41.09 2.45 0.00	41.95 2.12 0.00	45.12 2.07 -0.13	47.47 2.28 -0.35	49.09 3.06 -0.46	93.02 6.44 -0.03	83.18 6.03 -0.17	86.73 6.47 0.00	78.53 5.93 0.00	79.59 5.13 0.00	83.66 5.47 0.00	79.48 3.98 0.00	71.89 3.99 0.00
BARRETT_IC_12 23703	33.37 1.75 0.00	27.50 1.71 0.00	23.20 1.57 0.00	24.80 1.61 0.00	27.70 1.57 0.00	29.41 1.49 0.00	35.94 1.64 0.00	28.76 1.46 0.00	29.77 1.39 0.00	41.43 1.77 0.00	40.53 2.25 0.00	41.09 2.45 0.00	41.95 2.12 0.00	45.12 2.07 -0.13	47.47 2.28 -0.35	49.09 3.06 -0.46	93.02 6.44 -0.03	83.18 6.03 -0.17	86.73 6.47 0.00	78.53 5.93 0.00	79.59 5.13 0.00	83.66 5.47 0.00	79.48 3.98 0.00	71.89 3.99 0.00
BARRETT_IC_2 23705	33.37 1.75 0.00	27.50 1.71 0.00	23.20 1.57 0.00	24.80 1.61 0.00	27.70 1.57 0.00	29.41 1.49 0.00	35.94 1.64 0.00	28.76 1.46 0.00	29.77 1.39 0.00	41.43 1.77 0.00	40.53 2.25 0.00	41.09 2.45 0.00	41.95 2.12 0.00	45.12 2.07 -0.13	47.47 2.28 -0.35	49.09 3.06 -0.46	93.02 6.44 -0.03	83.18 6.03 -0.17	86.73 6.47 0.00	78.53 5.93 0.00	79.59 5.13 0.00	83.66 5.47 0.00	79.48 3.98 0.00	71.89 3.99 0.00
BARRETT_IC_3 23706	33.37 1.75 0.00	27.50 1.71 0.00	23.20 1.57 0.00	24.80 1.61 0.00	27.70 1.57 0.00	29.41 1.49 0.00	35.94 1.64 0.00	28.76 1.46 0.00	29.77 1.39 0.00	41.43 1.77 0.00	40.53 2.25 0.00	41.09 2.45 0.00	41.95 2.12 0.00	45.12 2.07 -0.13	47.47 2.28 -0.35	49.09 3.06 -0.46	93.02 6.44 -0.03	83.18 6.03 -0.17	86.73 6.47 0.00	78.53 5.93 0.00	79.59 5.13 0.00	83.66 5.47 0.00	79.48 3.98 0.00	71.89 3.99 0.00
BARRETT_IC_4 23707	33.37 1.75 0.00	27.50 1.71 0.00	23.20 1.57 0.00	24.80 1.61 0.00	27.70 1.57 0.00	29.41 1.49 0.00	35.94 1.64 0.00	28.76 1.46 0.00	29.77 1.39 0.00	41.43 1.77 0.00	40.53 2.25 0.00	41.09 2.45 0.00	41.95 2.12 0.00	45.12 2.07 -0.13	47.47 2.28 -0.35	49.09 3.06 -0.46	93.02 6.44 -0.03	83.18 6.03 -0.17	86.73 6.47 0.00	78.53 5.93 0.00	79.59 5.13 0.00	83.66 5.47 0.00	79.48 3.98 0.00	71.89 3.99 0.00
BARRETT_IC_5 23708	33.37 1.75 0.00	27.50 1.71 0.00	23.20 1.57 0.00	24.80 1.61 0.00	27.70 1.57 0.00	29.41 1.49 0.00	35.94 1.64 0.00	28.76 1.46 0.00	29.77 1.39 0.00	41.43 1.77 0.00	40.53 2.25 0.00	41.09 2.45 0.00	41.95 2.12 0.00	45.12 2.07 -0.13	47.47 2.28 -0.35	49.09 3.06 -0.46	93.02 6.44 -0.03	83.18 6.03 -0.17	86.73 6.47 0.00	78.53 5.93 0.00	79.59 5.13 0.00	83.66 5.47 0.00	79.48 3.98 0.00	71.89 3.99 0.00

BARRETT_IC_6 23709	33.37 1.75 0.00	27.50 1.71 0.00	23.20 1.57 0.00	24.80 1.61 0.00	27.70 1.57 0.00	29.41 1.49 0.00	35.94 1.64 0.00	28.76 1.46 0.00	29.77 1.39 0.00	41.43 1.77 0.00	40.53 2.25 0.00	41.09 2.45 0.00	41.95 2.12 0.00	45.12 2.07 -0.13	47.47 2.28 -0.35	49.09 3.06 -0.46	93.02 6.44 -0.03	83.18 6.03 -0.17	86.73 6.47 0.00	78.53 5.93 0.00	79.59 5.13 0.00	83.66 5.47 0.00	79.48 3.98 0.00	71.89 3.99 0.00
BARRETT_IC_7 23710	33.37 1.75 0.00	27.50 1.71 0.00	23.20 1.57 0.00	24.80 1.61 0.00	27.70 1.57 0.00	29.41 1.49 0.00	35.94 1.64 0.00	28.76 1.46 0.00	29.77 1.39 0.00	41.43 1.77 0.00	40.53 2.25 0.00	41.08 2.44 0.00	41.95 2.13 0.00	45.12 2.07 -0.13	47.47 2.28 -0.35	49.09 3.06 -0.46	93.02 6.44 -0.03	83.17 6.02 -0.17	86.73 6.47 0.00	78.53 5.93 0.00	79.59 5.13 0.00	83.66 5.47 0.00	79.49 3.98 0.00	71.90 4.00 0.00
BARRETT_IC_8 23711	33.37 1.75 0.00	27.50 1.71 0.00	23.20 1.57 0.00	24.80 1.61 0.00	27.70 1.57 0.00	29.41 1.49 0.00	35.94 1.64 0.00	28.76 1.46 0.00	29.77 1.39 0.00	41.43 1.77 0.00	40.53 2.25 0.00	41.09 2.45 0.00	41.95 2.12 0.00	45.12 2.07 -0.13	47.47 2.28 -0.35	49.09 3.06 -0.46	93.02 6.44 -0.03	83.18 6.03 -0.17	86.73 6.47 0.00	78.53 5.93 0.00	79.59 5.13 0.00	83.66 5.47 0.00	79.48 3.98 0.00	71.89 3.99 0.00
BARRETT_IC_9 23700	33.37 1.75 0.00	27.50 1.71 0.00	23.20 1.57 0.00	24.80 1.61 0.00	27.70 1.57 0.00	29.41 1.49 0.00	35.94 1.64 0.00	28.76 1.46 0.00	29.77 1.39 0.00	41.43 1.77 0.00	40.53 2.25 0.00	41.09 2.45 0.00	41.95 2.12 0.00	45.12 2.07 -0.13	47.47 2.28 -0.35	49.09 3.06 -0.46	93.02 6.44 -0.03	83.18 6.03 -0.17	86.73 6.47 0.00	78.53 5.93 0.00	79.59 5.13 0.00	83.66 5.47 0.00	79.48 3.98 0.00	71.89 3.99 0.00
BARRETT___1 23545	33.37 1.75 0.00	27.50 1.71 0.00	23.20 1.57 0.00	24.80 1.61 0.00	27.70 1.57 0.00	29.41 1.49 0.00	35.94 1.64 0.00	28.76 1.46 0.00	29.77 1.39 0.00	41.43 1.77 0.00	40.53 2.25 0.00	41.09 2.45 0.00	41.95 2.12 0.00	45.12 2.07 -0.13	47.47 2.28 -0.35	49.09 3.06 -0.46	93.02 6.44 -0.03	83.18 6.03 -0.17	86.73 6.47 0.00	78.53 5.93 0.00	79.59 5.13 0.00	83.66 5.47 0.00	79.48 3.98 0.00	71.89 3.99 0.00
BARRETT___2 23546	33.37 1.75 0.00	27.50 1.71 0.00	23.20 1.57 0.00	24.80 1.61 0.00	27.70 1.57 0.00	29.41 1.49 0.00	35.94 1.64 0.00	28.76 1.46 0.00	29.77 1.39 0.00	41.43 1.77 0.00	40.53 2.25 0.00	41.09 2.45 0.00	41.95 2.12 0.00	45.12 2.07 -0.13	47.47 2.28 -0.35	49.09 3.06 -0.46	93.02 6.44 -0.03	83.18 6.03 -0.17	86.73 6.47 0.00	78.53 5.93 0.00	79.59 5.13 0.00	83.66 5.47 0.00	79.48 3.98 0.00	71.89 3.99 0.00
BATAVIA___115KV_TB1 55881	32.92 1.30 0.00	26.33 0.53 0.00	22.01 0.37 0.00	23.55 0.36 0.00	26.54 0.40 0.00	28.08 0.17 0.00	34.56 0.26 0.00	27.73 0.43 0.00	29.11 0.73 0.00	41.71 2.05 0.00	40.13 1.85 0.00	42.04 2.06 -1.34	45.10 2.26 -3.01	49.12 2.60 -3.59	50.44 2.02 -3.58	48.92 1.29 -2.06	76.78 1.14 10.91	77.28 1.47 1.17	81.95 1.69 0.00	73.80 1.20 0.00	75.51 1.05 0.00	78.83 0.64 0.00	76.55 1.04 0.00	68.83 0.93 0.00
BAYONEEC___CTG1 323682	33.37 1.75 0.00	27.54 1.75 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.80 1.66 0.00	29.48 1.57 0.00	36.06 1.76 0.00	28.88 1.57 0.00	29.95 1.56 0.00	41.73 2.07 0.00	40.59 2.31 0.00	40.98 2.34 0.00	42.13 2.30 0.00	45.52 2.47 -0.13	48.00 2.81 -0.35	49.26 3.23 -0.46	93.02 6.44 -0.03	83.31 6.16 -0.17	86.80 6.54 0.00	78.67 6.07 0.00	79.98 5.52 0.00	84.08 5.88 0.00	80.26 4.75 0.00	72.50 4.60 0.00
BAYONEEC___CTG10 323750	33.37 1.75 0.00	27.54 1.75 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.80 1.66 0.00	29.48 1.57 0.00	36.06 1.76 0.00	28.88 1.57 0.00	29.95 1.56 0.00	41.73 2.07 0.00	40.59 2.31 0.00	40.98 2.34 0.00	42.13 2.30 0.00	45.52 2.47 -0.13	48.00 2.81 -0.35	49.26 3.23 -0.46	93.02 6.44 -0.03	83.31 6.16 -0.17	86.80 6.54 0.00	78.67 6.07 0.00	79.98 5.52 0.00	84.08 5.88 0.00	80.26 4.75 0.00	72.50 4.60 0.00
BAYONEEC___CTG2 323683	33.37 1.75 0.00	27.54 1.75 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.80 1.66 0.00	29.48 1.57 0.00	36.06 1.76 0.00	28.88 1.57 0.00	29.95 1.56 0.00	41.73 2.07 0.00	40.59 2.31 0.00	40.98 2.34 0.00	42.13 2.30 0.00	45.52 2.47 -0.13	48.00 2.81 -0.35	49.26 3.23 -0.46	93.02 6.44 -0.03	83.31 6.16 -0.17	86.80 6.54 0.00	78.67 6.07 0.00	79.98 5.52 0.00	84.08 5.88 0.00	80.26 4.75 0.00	72.50 4.60 0.00
BAYONEEC___CTG3 323684	33.37 1.75 0.00	27.54 1.75 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.80 1.66 0.00	29.48 1.57 0.00	36.06 1.76 0.00	28.88 1.57 0.00	29.95 1.56 0.00	41.73 2.07 0.00	40.59 2.31 0.00	40.98 2.34 0.00	42.13 2.30 0.00	45.52 2.47 -0.13	48.00 2.81 -0.35	49.26 3.23 -0.46	93.02 6.44 -0.03	83.31 6.16 -0.17	86.80 6.54 0.00	78.67 6.07 0.00	79.98 5.52 0.00	84.08 5.88 0.00	80.26 4.75 0.00	72.50 4.60 0.00
BAYONEEC___CTG4 323685	33.37 1.75 0.00	27.54 1.75 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.80 1.66 0.00	29.48 1.57 0.00	36.06 1.76 0.00	28.88 1.57 0.00	29.95 1.56 0.00	41.73 2.07 0.00	40.59 2.31 0.00	40.98 2.34 0.00	42.13 2.30 0.00	45.52 2.47 -0.13	48.00 2.81 -0.35	49.26 3.23 -0.46	93.02 6.44 -0.03	83.31 6.16 -0.17	86.80 6.54 0.00	78.67 6.07 0.00	79.98 5.52 0.00	84.08 5.88 0.00	80.26 4.75 0.00	72.50 4.60 0.00
BAYONEEC___CTG5 323686	33.37 1.75 0.00	27.54 1.75 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.80 1.66 0.00	29.48 1.57 0.00	36.06 1.76 0.00	28.88 1.57 0.00	29.95 1.56 0.00	41.73 2.07 0.00	40.59 2.31 0.00	40.98 2.34 0.00	42.13 2.30 0.00	45.52 2.47 -0.13	48.00 2.81 -0.35	49.26 3.23 -0.46	93.02 6.44 -0.03	83.31 6.16 -0.17	86.80 6.54 0.00	78.67 6.07 0.00	79.98 5.52 0.00	84.08 5.88 0.00	80.26 4.75 0.00	72.50 4.60 0.00
BAYONEEC___CTG6 323687	33.37 1.75 0.00	27.54 1.75 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.80 1.66 0.00	29.48 1.57 0.00	36.06 1.76 0.00	28.88 1.57 0.00	29.95 1.56 0.00	41.73 2.07 0.00	40.59 2.31 0.00	40.98 2.34 0.00	42.13 2.30 0.00	45.52 2.47 -0.13	48.00 2.81 -0.35	49.26 3.23 -0.46	93.02 6.44 -0.03	83.31 6.16 -0.17	86.80 6.54 0.00	78.67 6.07 0.00	79.98 5.52 0.00	84.08 5.88 0.00	80.26 4.75 0.00	72.50 4.60 0.00
BAYONEEC___CTG7 323688	33.37 1.75 0.00	27.54 1.75 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.80 1.66 0.00	29.48 1.57 0.00	36.06 1.76 0.00	28.88 1.57 0.00	29.95 1.56 0.00	41.73 2.07 0.00	40.59 2.31 0.00	40.98 2.34 0.00	42.13 2.30 0.00	45.52 2.47 -0.13	48.00 2.81 -0.35	49.26 3.23 -0.46	93.02 6.44 -0.03	83.31 6.16 -0.17	86.80 6.54 0.00	78.67 6.07 0.00	79.98 5.52 0.00	84.08 5.88 0.00	80.26 4.75 0.00	72.50 4.60 0.00

BAYONEEC___CTG8 323689	33.37 1.75 0.00	27.54 1.75 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.80 1.66 0.00	29.48 1.57 0.00	36.06 1.76 0.00	28.88 1.57 0.00	29.95 1.56 0.00	41.73 2.07 0.00	40.59 2.31 0.00	40.98 2.34 0.00	42.13 2.30 0.00	45.52 2.47 -0.13	48.00 2.81 -0.35	49.26 3.23 -0.46	93.02 6.44 -0.03	83.31 6.16 -0.17	86.80 6.54 0.00	78.67 6.07 0.00	79.98 5.52 0.00	84.08 5.88 0.00	80.26 4.75 0.00	72.50 4.60 0.00
BAYONEEC___CTG9 323749	33.37 1.75 0.00	27.54 1.75 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.80 1.66 0.00	29.48 1.57 0.00	36.06 1.76 0.00	28.88 1.57 0.00	29.95 1.56 0.00	41.73 2.07 0.00	40.59 2.31 0.00	40.98 2.34 0.00	42.13 2.30 0.00	45.52 2.47 -0.13	48.00 2.81 -0.35	49.26 3.23 -0.46	93.02 6.44 -0.03	83.31 6.16 -0.17	86.80 6.54 0.00	78.67 6.07 0.00	79.98 5.52 0.00	84.08 5.88 0.00	80.26 4.75 0.00	72.50 4.60 0.00
BEACON___LESR 323632	32.19 0.56 0.00	26.42 0.63 0.00	22.34 0.71 0.00	24.01 0.82 0.00	26.87 0.74 0.00	28.61 0.69 0.00	35.03 0.74 0.00	27.84 0.53 0.00	28.89 0.50 0.00	40.25 0.59 0.00	38.73 0.45 0.00	39.21 0.56 0.00	40.29 0.45 0.00	43.29 0.50 0.12	45.11 0.60 0.33	46.00 0.88 0.44	88.82 2.30 0.03	79.31 2.50 0.17	83.16 2.91 0.00	75.47 2.87 0.00	77.10 2.65 0.00	81.11 2.92 0.00	77.74 2.24 0.00	69.80 1.90 0.00
BEAVER RIVER___HYD 24048	31.23 -0.39 0.00	25.33 -0.46 0.00	21.17 -0.47 0.00	22.78 -0.41 0.00	25.93 -0.20 0.00	27.68 -0.23 0.00	34.06 -0.23 0.00	27.23 -0.07 0.00	28.22 -0.17 0.00	39.52 -0.14 0.00	37.94 -0.34 0.00	38.17 -0.48 0.00	39.45 -0.38 0.00	42.49 -0.43 0.00	44.81 -0.04 -0.01	44.84 -0.72 0.00	85.89 -1.94 -1.27	75.97 -1.38 -0.37	80.85 0.44 -0.15	73.71 1.11 0.00	76.92 1.95 -0.52	81.52 2.45 -0.88	78.17 2.45 -0.22	69.60 1.66 -0.04
BEEBEE_GT_13 23619	32.26 0.63 0.00	25.97 0.18 0.00	21.75 0.11 0.00	23.29 0.10 0.00	26.20 0.07 0.00	27.80 -0.11 0.00	34.18 -0.12 0.00	27.38 0.07 0.00	28.71 0.32 0.00	40.87 1.20 0.00	39.50 1.22 0.00	41.67 1.37 -1.65	45.16 1.62 -3.71	49.30 1.94 -4.44	50.80 1.53 -4.42	49.69 1.03 -3.09	87.39 0.84 0.00	77.78 0.80 0.00	81.06 0.81 0.00	73.20 0.60 0.00	74.78 0.32 0.00	78.13 -0.06 0.00	75.55 0.04 0.00	67.98 0.07 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.61 1.99 0.00	27.73 1.93 0.00	23.44 1.81 0.00	25.11 1.93 0.00	27.97 1.83 0.00	29.65 1.74 0.00	36.29 2.00 0.00	29.08 1.78 0.00	30.15 1.76 0.00	42.07 2.40 0.00	40.94 2.66 0.00	41.32 2.68 0.00	42.52 2.69 0.00	45.94 2.89 -0.13	48.45 3.25 -0.35	49.70 3.67 -0.46	93.70 7.12 -0.03	84.06 6.91 -0.17	87.65 7.39 0.00	79.45 6.85 0.00	80.75 6.30 0.00	84.85 6.67 0.00	81.03 5.52 0.00	73.29 5.38 0.00
BETHLEHEM___GRP 23843	31.74 0.12 0.00	26.08 0.29 0.00	22.05 0.42 0.00	23.70 0.52 0.00	26.54 0.41 0.00	28.26 0.35 0.00	34.55 0.25 0.00	27.43 0.12 0.00	28.46 0.07 0.00	39.57 -0.09 0.00	38.21 -0.07 0.00	38.55 -0.09 0.00	39.64 -0.19 0.00	42.57 -0.23 0.12	44.42 -0.11 0.31	45.28 0.14 0.42	87.04 0.52 0.03	77.64 0.82 0.16	81.34 1.09 0.00	73.79 1.20 0.00	75.40 0.94 0.00	79.35 1.16 0.00	76.11 0.60 0.00	68.54 0.64 0.00
BETHLEHEM___GS1 323560	31.74 0.12 0.00	26.08 0.29 0.00	22.05 0.41 0.00	23.70 0.52 0.00	26.54 0.41 0.00	28.26 0.35 0.00	34.55 0.25 0.00	27.43 0.12 0.00	28.46 0.07 0.00	39.57 -0.09 0.00	38.21 -0.07 0.00	38.55 -0.09 0.00	39.64 -0.20 0.00	42.57 -0.23 0.12	44.42 -0.11 0.31	45.29 0.14 0.42	87.05 0.52 0.03	77.64 0.82 0.16	81.34 1.09 0.00	73.79 1.20 0.00	75.40 0.94 0.00	79.35 1.16 0.00	76.11 0.60 0.00	68.53 0.63 0.00
BETHLEHEM___GS2 323561	31.74 0.12 0.00	26.08 0.29 0.00	22.05 0.41 0.00	23.70 0.52 0.00	26.54 0.41 0.00	28.26 0.35 0.00	34.55 0.25 0.00	27.43 0.12 0.00	28.46 0.07 0.00	39.57 -0.09 0.00	38.21 -0.07 0.00	38.55 -0.09 0.00	39.64 -0.20 0.00	42.57 -0.23 0.12	44.42 -0.11 0.31	45.29 0.14 0.42	87.05 0.52 0.03	77.64 0.82 0.16	81.34 1.09 0.00	73.79 1.20 0.00	75.40 0.94 0.00	79.35 1.16 0.00	76.11 0.60 0.00	68.53 0.63 0.00
BETHLEHEM___GS3 323562	31.74 0.12 0.00	26.08 0.29 0.00	22.05 0.41 0.00	23.70 0.52 0.00	26.54 0.41 0.00	28.26 0.35 0.00	34.55 0.25 0.00	27.43 0.12 0.00	28.46 0.07 0.00	39.57 -0.09 0.00	38.21 -0.07 0.00	38.55 -0.09 0.00	39.64 -0.20 0.00	42.57 -0.23 0.12	44.42 -0.11 0.31	45.29 0.14 0.42	87.05 0.52 0.03	77.64 0.82 0.16	81.34 1.09 0.00	73.79 1.20 0.00	75.40 0.94 0.00	79.35 1.16 0.00	76.11 0.60 0.00	68.53 0.63 0.00
BETHLEHEM___STEEL 23779	31.90 0.28 0.00	25.49 -0.30 0.00	21.37 -0.27 0.00	22.85 -0.34 0.00	25.72 -0.41 0.00	27.22 -0.69 0.00	33.49 -0.80 0.00	26.95 -0.36 0.00	28.39 0.00 0.00	40.80 1.14 0.00	39.23 0.95 -1.04	40.65 0.97 -2.33	43.28 1.11 -2.79	47.21 1.50 -2.78	48.36 0.74 -1.15	46.67 -0.04 19.57	65.44 -1.54 2.10	73.55 -1.33 0.00	78.99 -1.26 0.00	71.24 -1.36 0.00	73.18 -1.28 0.00	76.54 -1.64 0.00	74.48 -1.03 0.00	67.16 -0.74 0.00
BETHLHEM_115KV_TB1 79974	31.82 0.20 0.00	26.13 0.34 0.00	22.09 0.46 0.00	23.75 0.57 0.00	26.60 0.47 0.00	28.32 0.41 0.00	34.64 0.34 0.00	27.47 0.17 0.00	28.52 0.13 0.00	39.68 0.01 0.00	38.33 0.05 0.00	38.65 0.01 0.00	39.76 -0.08 0.00	42.72 -0.09 0.11	44.58 0.03 0.29	45.45 0.27 0.39	87.30 0.78 0.02	77.85 1.03 0.15	81.54 1.28 0.00	73.96 1.37 0.00	75.58 1.13 0.00	79.54 1.35 0.00	76.31 0.80 0.00	68.71 0.81 0.00
BETHPAGE_CC_5 323564	33.66 2.04 0.00	27.75 1.96 0.00	23.40 1.77 0.00	24.99 1.81 0.00	27.90 1.77 0.00	29.63 1.72 0.00	36.25 1.95 0.00	29.03 1.72 0.00	30.04 1.65 0.00	41.72 2.06 0.00	40.74 2.46 0.00	41.31 2.67 0.00	42.12 2.29 0.00	45.25 2.20 -0.13	47.64 2.45 -0.35	49.31 3.28 -0.46	93.51 6.93 -0.03	83.62 6.48 -0.17	87.33 7.08 0.00	78.94 6.34 0.00	79.89 5.44 0.00	83.98 5.79 0.00	79.79 4.28 0.00	72.20 4.30 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.95 0.33 0.00	25.52 -0.28 0.00	21.39 -0.24 0.00	22.87 -0.31 0.00	25.75 -0.39 0.00	27.25 -0.66 0.00	33.54 -0.76 0.00	27.00 -0.30 0.00	28.44 0.06 0.00	40.88 1.22 0.00	39.30 1.02 -1.07	40.75 1.04 -2.39	43.40 1.17 -2.86	47.34 1.56 -2.85	48.50 0.80 -2.85	46.86 0.06 -1.24	66.83 -1.31 18.42	73.90 -1.10 1.97	79.24 -1.02 0.00	71.43 -1.16 0.00	73.34 -1.12 0.00	76.74 -1.45 0.00	74.63 -0.88 0.00	67.26 -0.65 0.00
BINGHAMTON___COGEN 23790	31.80 0.17 0.00	25.87 0.07 0.00	21.91 0.28 0.00	23.47 0.29 0.00	26.36 0.22 0.00	28.07 0.15 0.00	34.40 0.11 0.00	27.41 0.10 0.00	28.49 0.10 0.00	40.06 0.39 0.00	38.62 0.34 1.57	37.37 0.29 3.52	36.56 0.25 4.21	39.28 0.58 4.21	41.06 0.41 4.20	43.05 0.42 2.94	87.39 0.84 0.00	77.74 0.77 0.00	81.10 0.85 0.00	73.62 1.02 0.00	75.36 0.90 0.00	79.12 0.93 0.00	75.93 0.42 0.00	68.38 0.47 0.00

BIXINCNT_115KV_LOAD 355685	31.64 0.02 0.00	25.09 -0.70 0.00	21.01 -0.62 0.00	22.52 -0.67 0.00	25.40 -0.73 0.00	26.95 -0.96 0.00	33.20 -1.09 0.00	26.93 -0.38 0.00	28.52 0.13 0.00	40.91 1.25 0.00	39.12 0.84 0.00	40.51 0.46 -1.41	43.37 0.37 -3.16	47.16 0.46 -3.78	48.22 -0.39 -3.77	46.59 -1.12 -2.14	71.50 -2.96 12.10	73.68 -2.00 1.30	78.58 -1.68 0.00	71.15 -1.45 0.00	72.99 -1.46 0.00	76.94 -1.26 0.00	74.82 -0.69 0.00	67.49 -0.41 0.00
BLACK RIVER___HYD 24047	31.35 -0.27 0.00	25.45 -0.34 0.00	21.29 -0.34 0.00	22.97 -0.21 0.00	26.07 -0.07 0.00	27.78 -0.13 0.00	34.19 -0.10 0.00	27.40 0.09 0.00	28.34 -0.05 0.00	39.75 0.09 0.00	38.10 -0.18 0.00	38.28 -0.37 0.00	39.34 -0.49 0.00	42.46 -0.46 0.00	44.92 0.06 -0.02	44.67 -0.90 0.00	86.43 -2.41 -2.29	76.24 -1.41 -0.67	81.48 0.95 -0.27	74.48 1.89 0.00	78.28 2.90 -0.93	83.23 3.46 -1.58	79.07 3.17 -0.39	70.23 2.26 -0.07
BLACKRVR_115KV_TB2 79977	31.35 -0.27 0.00	25.45 -0.34 0.00	21.29 -0.34 0.00	22.97 -0.22 0.00	26.07 -0.07 0.00	27.78 -0.13 0.00	34.19 -0.11 0.00	27.40 0.09 0.00	28.33 -0.05 0.00	39.75 0.09 0.00	38.10 -0.18 0.00	38.28 -0.37 0.00	39.34 -0.49 0.00	42.46 -0.46 0.00	44.92 0.06 -0.02	44.67 -0.90 0.00	86.43 -2.42 -2.29	76.24 -1.41 -0.67	81.48 0.95 -0.27	74.49 1.89 0.00	78.28 2.90 -0.93	83.23 3.46 -1.58	79.06 3.17 -0.39	70.22 2.26 -0.07
BLDWN_LI_69_KV_BK4 356085	33.65 2.03 0.00	27.71 1.92 0.00	23.37 1.74 0.00	24.97 1.79 0.00	27.90 1.76 0.00	29.62 1.70 0.00	36.22 1.92 0.00	29.01 1.70 0.00	30.06 1.67 0.00	41.80 2.13 0.00	40.77 2.49 0.00	41.43 2.78 0.00	42.31 2.48 0.00	45.55 2.50 -0.13	48.00 2.81 -0.35	49.65 3.63 -0.46	93.96 7.37 -0.03	83.83 6.68 -0.17	87.52 7.27 0.00	79.21 6.61 0.00	80.22 5.76 0.00	84.46 6.28 0.00	80.25 4.74 0.00	72.63 4.73 0.00
BLISS_WT_PWR 323608	31.47 -0.15 0.00	24.88 -0.91 0.00	20.83 -0.80 0.00	22.34 -0.84 0.00	25.21 -0.93 0.00	26.77 -1.14 0.00	33.02 -1.28 0.00	26.82 -0.49 0.00	28.47 0.08 0.00	40.84 1.18 0.00	39.02 0.74 0.00	40.33 0.28 -1.41	43.15 0.16 -3.16	46.82 0.12 -3.78	47.85 -0.76 -3.77	46.14 -1.57 -2.14	70.87 -3.58 12.10	73.32 -2.36 1.30	78.30 -1.95 0.00	70.92 -1.67 0.00	72.75 -1.71 0.00	76.77 -1.42 0.00	74.74 -0.77 0.00	67.45 -0.45 0.00
BLUESTONE___WT_PWR 323821	31.24 -0.38 0.00	25.53 -0.26 0.00	21.98 0.35 0.00	23.42 0.23 0.00	26.21 0.08 0.00	28.23 0.31 0.00	34.66 0.36 0.00	27.78 0.48 0.00	29.13 0.74 0.00	41.01 1.35 0.00	39.90 1.62 0.00	39.15 1.45 0.94	39.16 1.45 2.12	42.21 1.82 2.53	44.00 1.68 2.52	45.40 1.61 1.76	89.94 3.40 0.00	79.89 2.91 0.00	82.60 2.34 0.00	76.19 3.60 0.00	77.61 3.15 0.00	81.66 3.47 0.00	77.31 1.81 0.00	70.58 2.68 0.00
BLUE_CIRC_CHEM_DRP 24182	32.19 0.57 0.00	26.42 0.63 0.00	22.33 0.70 0.00	24.02 0.83 0.00	26.93 0.80 0.00	28.68 0.77 0.00	35.06 0.77 0.00	27.72 0.41 0.00	28.78 0.39 0.00	39.97 0.31 0.00	38.52 0.24 0.00	38.88 0.24 0.00	40.01 0.18 0.00	42.98 0.13 0.07	44.87 0.22 0.20	45.75 0.45 0.26	87.59 1.05 0.02	78.32 1.44 0.10	82.16 1.91 0.00	74.55 1.95 0.00	76.29 1.84 0.00	80.34 2.15 0.00	77.14 1.63 0.00	69.46 1.56 0.00
BOC_GAS_DRP 24189	32.01 0.39 0.00	26.28 0.48 0.00	22.21 0.58 0.00	23.89 0.70 0.00	26.77 0.63 0.00	28.49 0.58 0.00	34.85 0.56 0.00	27.64 0.33 0.00	28.68 0.29 0.00	39.97 0.30 0.00	38.64 0.36 0.00	38.99 0.35 0.00	40.11 0.28 0.00	43.15 0.29 0.07	45.07 0.40 0.18	45.95 0.62 0.23	87.85 1.31 0.01	78.33 1.44 0.09	81.89 1.63 0.00	74.26 1.67 0.00	75.90 1.44 0.00	79.88 1.69 0.00	76.68 1.18 0.00	69.06 1.16 0.00
BOONVILLE_115KV_TB1 79983	31.82 0.19 0.00	25.89 0.10 0.00	21.73 0.10 0.00	23.35 0.16 0.00	26.41 0.28 0.00	28.18 0.27 0.00	34.62 0.33 0.00	27.60 0.30 0.00	28.65 0.26 0.00	40.08 0.41 0.00	38.71 0.42 0.00	38.98 0.33 0.00	40.18 0.34 0.00	43.32 0.40 0.00	45.42 0.58 0.00	46.03 0.47 0.00	87.18 0.62 0.00	77.77 0.79 0.00	82.06 1.81 0.00	74.71 2.11 0.00	76.90 2.45 0.00	80.95 2.77 0.00	77.99 2.48 0.00	69.78 1.88 0.00
BORALEX_4TH_BRANCH 23824	33.10 1.48 0.00	27.60 1.81 0.00	23.37 1.74 0.00	25.06 1.87 0.00	28.02 1.89 0.00	29.79 1.88 0.00	36.45 2.15 0.00	28.99 1.69 0.00	30.09 1.70 0.00	41.71 2.04 0.00	40.16 1.88 0.00	40.43 1.78 0.00	41.13 1.30 0.00	43.01 0.88 0.79	43.63 0.89 2.11	43.86 1.10 2.80	89.09 2.71 0.17	78.10 2.17 1.05	83.07 2.82 0.00	75.75 3.16 0.00	77.56 3.10 0.00	81.73 3.54 0.00	77.84 2.34 0.00	70.39 2.49 0.00
BOWLINE___1 23526	33.10 1.48 0.00	27.27 1.47 0.00	23.05 1.42 0.00	24.72 1.53 0.00	27.59 1.45 0.00	29.30 1.38 0.00	35.86 1.56 0.00	28.65 1.34 0.00	29.71 1.33 0.00	41.45 1.79 0.00	40.26 1.98 0.00	40.60 1.96 0.00	41.70 1.87 0.00	45.08 2.04 -0.12	47.49 2.31 -0.33	48.76 2.75 -0.44	92.19 5.61 -0.03	82.52 5.38 -0.16	85.99 5.74 0.00	77.99 5.40 0.00	79.36 4.90 0.00	83.39 5.21 0.00	79.65 4.14 0.00	71.81 3.91 0.00
BOWLINE___2 23595	33.10 1.48 0.00	27.27 1.47 0.00	23.05 1.42 0.00	24.72 1.53 0.00	27.59 1.45 0.00	29.30 1.38 0.00	35.86 1.56 0.00	28.65 1.34 0.00	29.71 1.33 0.00	41.45 1.79 0.00	40.26 1.98 0.00	40.60 1.96 0.00	41.70 1.87 0.00	45.08 2.04 -0.12	47.49 2.31 -0.33	48.76 2.75 -0.44	92.19 5.61 -0.03	82.52 5.38 -0.16	85.99 5.74 0.00	77.99 5.40 0.00	79.36 4.90 0.00	83.39 5.21 0.00	79.65 4.14 0.00	71.81 3.91 0.00
BRADY___115KV_TB2 356060	31.99 0.37 0.00	25.80 0.01 0.00	21.38 -0.25 0.00	22.78 -0.41 0.00	25.87 -0.26 0.00	27.88 -0.03 0.00	34.57 0.27 0.00	27.66 0.36 0.00	28.94 0.55 0.00	40.41 0.75 0.00	38.51 0.22 0.00	38.85 0.20 0.00	40.03 0.20 0.00	42.96 0.05 0.00	45.16 0.31 0.00	45.46 -0.11 0.00	86.53 -0.03 0.00	77.01 0.04 0.00	80.53 0.28 0.00	72.46 -0.14 0.00	75.41 0.95 0.00	79.11 0.92 0.00	77.00 1.49 0.00	68.74 0.84 0.00
BRANSCOMB___SOLAR 323811	32.79 1.17 0.00	27.01 1.22 0.00	22.82 1.19 0.00	24.49 1.31 0.00	27.45 1.32 0.00	29.24 1.33 0.00	35.84 1.54 0.00	28.47 1.16 0.00	29.55 1.16 0.00	41.06 1.40 0.00	39.50 1.22 0.00	39.76 1.12 0.00	40.65 0.82 0.00	43.32 0.68 0.28	44.93 0.84 0.75	45.62 1.05 1.00	88.95 2.45 0.06	79.26 2.66 0.37	83.96 3.70 0.00	76.39 3.79 0.00	78.36 3.91 0.00	82.40 4.21 0.00	78.75 3.24 0.00	71.01 3.11 0.00
BRDGHMPT_69_KV_BK1 55812	33.92 2.30 0.00	28.18 2.39 0.00	23.45 1.82 0.00	24.89 1.70 0.00	27.79 1.65 0.00	29.54 1.63 0.00	36.11 1.81 0.00	29.05 1.75 0.00	30.09 1.70 0.00	41.65 1.98 0.00	40.88 2.60 0.00	41.58 2.94 0.00	42.29 2.46 0.00	45.24 2.19 -0.13	47.61 2.42 -0.35	49.98 3.95 -0.46	96.07 9.49 -0.03	86.30 9.16 -0.17	90.28 10.02 0.00	81.14 8.55 0.00	81.76 7.30 0.00	85.58 7.39 0.00	80.38 4.88 0.00	72.34 4.44 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	33.85 2.23 0.00	27.94 2.14 0.00	23.54 1.91 0.00	25.08 1.89 0.00	28.04 1.90 0.00	29.77 1.86 0.00	36.43 2.14 0.00	29.18 1.88 0.00	30.24 1.85 0.00	41.96 2.30 0.00	41.04 2.76 0.00	41.68 3.04 0.00	42.44 2.61 0.00	45.55 2.50 -0.13	47.90 2.70 -0.35	49.79 3.76 -0.46	94.51 7.93 -0.03	84.28 7.14 -0.17	88.17 7.92 0.00	79.63 7.03 0.00	80.23 5.78 0.00	84.22 6.03 0.00	79.97 4.47 0.00	72.70 4.80 0.00
BRISTLHL_115KV_TB1 79998	31.12 -0.50 0.00	25.37 -0.42 0.00	21.37 -0.26 0.00	22.92 -0.27 0.00	25.78 -0.36 0.00	27.47 -0.45 0.00	33.69 -0.60 0.00	26.82 -0.49 0.00	27.82 -0.57 0.00	38.93 -0.73 0.00	37.61 -0.67 0.00	37.97 -0.67 0.00	39.18 -0.65 0.00	42.42 -0.50 0.00	44.25 -0.63 -0.04	44.86 -0.71 0.00	90.52 -1.73 -5.70	77.24 -1.40 -1.67	79.74 -1.20 -0.68	71.72 -0.88 0.00	75.68 -1.09 -2.31	80.85 -1.26 -3.92	74.96 -1.51 -0.97	66.80 -1.26 -0.16
BROOKHAVEN___DRP 24191	33.43 1.80 0.00	27.72 1.93 0.00	23.29 1.66 0.00	24.75 1.56 0.00	27.65 1.51 0.00	29.38 1.47 0.00	35.99 1.69 0.00	28.90 1.60 0.00	29.93 1.55 0.00	41.36 1.70 0.00	40.49 2.20 0.00	41.11 2.47 0.00	41.85 2.02 0.00	44.82 1.77 -0.13	47.13 1.94 -0.35	49.15 3.12 -0.46	93.77 7.19 -0.03	84.03 6.89 -0.17	87.93 7.67 0.00	79.34 6.74 0.00	80.07 5.61 0.00	84.10 5.91 0.00	79.52 4.01 0.00	71.79 3.89 0.00
BROOKLYN_NAVY_YARD 23515	33.36 1.74 0.00	27.55 1.76 0.00	23.30 1.67 0.00	24.96 1.77 0.00	27.80 1.67 0.00	29.48 1.57 0.00	36.06 1.76 0.00	28.88 1.58 0.00	29.96 1.57 0.00	41.74 2.08 0.00	40.56 2.28 0.00	40.96 2.32 0.00	42.13 2.30 0.00	45.53 2.47 -0.13	48.02 2.83 -0.35	49.28 3.25 -0.46	93.09 6.51 -0.03	83.36 6.22 -0.17	86.86 6.60 0.00	78.71 6.11 0.00	80.01 5.56 0.00	84.10 5.91 0.00	80.36 4.85 0.00	72.54 4.64 0.00
BROOKLYN___ARMY_DRP 323595	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.83 1.70 0.00	29.51 1.60 0.00	36.12 1.83 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.83 2.17 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.62 2.57 -0.13	48.11 2.92 -0.35	49.33 3.31 -0.46	93.04 6.46 -0.03	83.44 6.29 -0.17	87.00 6.74 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.76 4.86 0.00
BROOME_2_LFGE 323671	31.80 0.17 0.00	25.87 0.07 0.00	21.91 0.28 0.00	23.48 0.29 0.00	26.36 0.22 0.00	28.07 0.15 0.00	34.41 0.11 0.00	27.41 0.10 0.00	28.49 0.10 0.00	40.05 0.39 0.00	38.62 0.34 0.00	37.37 0.30 1.57	36.56 0.26 3.52	39.29 0.58 4.21	41.06 0.42 4.20	43.03 0.40 2.94	87.37 0.82 0.00	77.75 0.77 0.00	81.11 0.86 0.00	73.62 1.03 0.00	75.35 0.90 0.00	79.12 0.93 0.00	75.94 0.43 0.00	68.37 0.47 0.00
BROOME___LFGE 323600	31.80 0.17 0.00	25.87 0.07 0.00	21.91 0.28 0.00	23.48 0.29 0.00	26.36 0.22 0.00	28.07 0.15 0.00	34.41 0.11 0.00	27.41 0.10 0.00	28.49 0.10 0.00	40.05 0.39 0.00	38.62 0.34 0.00	37.37 0.30 1.57	36.56 0.26 3.52	39.29 0.58 4.21	41.06 0.42 4.20	43.03 0.40 2.94	87.37 0.82 0.00	77.75 0.77 0.00	81.11 0.86 0.00	73.62 1.03 0.00	75.35 0.90 0.00	79.12 0.93 0.00	75.94 0.43 0.00	68.37 0.47 0.00
BROWNFLS_115KV_TB 3_5 80003	31.37 -0.25 0.00	25.38 -0.41 0.00	21.13 -0.50 0.00	22.65 -0.54 0.00	25.78 -0.36 0.00	27.63 -0.29 0.00	34.08 -0.22 0.00	27.26 -0.05 0.00	28.37 -0.02 0.00	39.67 0.00 0.00	37.98 -0.30 0.00	38.28 -0.37 0.00	39.50 -0.33 0.00	42.46 -0.46 0.00	44.70 -0.15 -0.01	44.89 -0.67 0.00	85.90 -1.51 -0.87	76.08 -1.15 -0.25	80.28 -0.07 -0.10	72.84 0.24 0.00	75.93 1.12 -0.35	80.15 1.36 -0.60	77.30 1.65 -0.15	68.96 1.04 -0.03
BROWNSV1_27_KV_LOAD 356125	33.79 2.17 0.00	27.88 2.08 0.00	23.56 1.93 0.00	25.24 2.05 0.00	28.12 1.98 0.00	29.82 1.91 0.00	36.49 2.19 0.00	29.23 1.93 0.00	30.32 1.93 0.00	42.29 2.63 0.00	41.14 2.86 0.00	41.56 2.91 0.00	42.76 2.93 0.00	46.23 3.18 -0.13	48.75 3.56 -0.35	50.05 4.03 -0.46	94.68 8.10 -0.03	84.78 7.63 -0.17	88.36 8.11 0.00	80.06 7.47 0.00	81.37 6.91 0.00	85.55 7.35 0.00	81.67 6.17 0.00	73.73 5.83 0.00
BURROWS___LYONSDAL 23803	31.56 -0.07 0.00	25.67 -0.13 0.00	21.51 -0.12 0.00	23.14 -0.05 0.00	26.24 0.10 0.00	27.99 0.08 0.00	34.40 0.11 0.00	27.43 0.13 0.00	28.45 0.06 0.00	39.82 0.16 0.00	38.41 0.13 0.00	38.70 0.06 0.00	39.93 0.10 0.00	43.03 0.11 0.00	45.17 0.32 0.00	45.64 0.07 0.00	86.90 -0.25 -0.60	77.20 0.05 -0.17	81.61 1.28 -0.07	74.33 1.73 0.00	76.88 2.18 -0.24	81.15 2.55 -0.41	78.00 2.39 -0.10	69.64 1.72 -0.02
CAITHNESS_CC_1 323624	33.44 1.81 0.00	27.71 1.92 0.00	23.29 1.66 0.00	24.77 1.59 0.00	27.67 1.54 0.00	29.40 1.49 0.00	35.99 1.69 0.00	28.89 1.59 0.00	29.93 1.54 0.00	41.36 1.70 0.00	40.49 2.20 0.00	41.12 2.48 0.00	41.86 2.03 0.00	44.84 1.79 -0.13	47.15 1.96 -0.35	49.14 3.12 -0.46	93.67 7.09 -0.03	83.90 6.75 -0.17	87.77 7.51 0.00	79.20 6.60 0.00	79.96 5.50 0.00	83.99 5.80 0.00	79.45 3.94 0.00	71.78 3.88 0.00
CALPINE BETH_PAGE_GT4 24209	33.67 2.05 0.00	27.76 1.96 0.00	23.40 1.77 0.00	25.00 1.81 0.00	27.92 1.79 0.00	29.64 1.73 0.00	36.26 1.96 0.00	29.03 1.73 0.00	30.07 1.68 0.00	41.80 2.14 0.00	40.81 2.53 0.00	41.38 2.74 0.00	42.22 2.39 0.00	45.36 2.31 -0.13	47.70 2.51 -0.35	49.36 3.33 -0.46	93.61 7.03 -0.03	83.70 6.55 -0.17	87.40 7.15 0.00	79.00 6.40 0.00	79.99 5.53 0.00	84.08 5.89 0.00	79.88 4.37 0.00	72.27 4.37 0.00
CALPINE_BETH_PAGE_GT_4 323586	33.66 2.04 0.00	27.75 1.96 0.00	23.40 1.77 0.00	25.00 1.81 0.00	27.92 1.78 0.00	29.64 1.73 0.00	36.26 1.96 0.00	29.03 1.73 0.00	30.07 1.68 0.00	41.79 2.13 0.00	40.81 2.53 0.00	41.38 2.74 0.00	42.22 2.38 0.00	45.36 2.31 -0.13	47.70 2.51 -0.35	49.37 3.33 -0.46	93.61 7.03 -0.03	83.69 6.55 -0.17	87.40 7.15 0.00	79.00 6.40 0.00	79.98 5.52 0.00	84.08 5.89 0.00	79.88 4.37 0.00	72.26 4.36 0.00
CALPINE_BP_GT1 23823	33.66 2.04 0.00	27.75 1.96 0.00	23.40 1.77 0.00	25.00 1.81 0.00	27.92 1.78 0.00	29.64 1.73 0.00	36.26 1.96 0.00	29.03 1.73 0.00	30.07 1.68 0.00	41.79 2.13 0.00	40.81 2.53 0.00	41.38 2.74 0.00	42.22 2.38 0.00	45.36 2.31 -0.13	47.70 2.51 -0.35	49.37 3.33 -0.46	93.61 7.03 -0.03	83.69 6.55 -0.17	87.40 7.15 0.00	79.00 6.40 0.00	79.98 5.52 0.00	84.08 5.89 0.00	79.88 4.37 0.00	72.26 4.36 0.00
CALSPAN___DRP 24200	31.90 0.28 0.00	25.49 -0.30 0.00	21.37 -0.27 0.00	22.85 -0.34 0.00	25.72 -0.41 0.00	27.22 -0.69 0.00	33.49 -0.80 0.00	26.95 -0.36 0.00	28.39 0.00 0.00	40.80 1.14 0.00	39.23 0.95 0.00	40.65 0.97 -1.04	43.28 1.11 -2.33	47.21 1.50 -2.79	48.36 0.74 -2.78	46.67 -0.04 -1.15	65.44 -1.54 19.57	73.55 -1.33 2.10	78.99 -1.26 0.00	71.24 -1.36 0.00	73.18 -1.28 0.00	76.54 -1.64 0.00	74.48 -1.03 0.00	67.16 -0.74 0.00

CALVERTON___SOLAR 323806	33.45 1.83 0.00	27.76 1.97 0.00	23.30 1.67 0.00	24.75 1.56 0.00	27.64 1.51 0.00	29.38 1.46 0.00	35.99 1.69 0.00	28.91 1.61 0.00	29.95 1.56 0.00	41.37 1.71 0.00	40.52 2.24 0.00	41.15 2.51 0.00	41.86 2.03 0.00	44.83 1.78 -0.13	47.15 1.95 -0.35	49.22 3.19 -0.46	94.00 7.42 -0.03	84.28 7.13 -0.17	88.22 7.97 0.00	79.56 6.97 0.00	80.28 5.82 0.00	84.29 6.10 0.00	79.62 4.11 0.00	71.85 3.95 0.00
CANDIGU_WT_PWR 323617	30.83 -0.79 0.00	24.81 -0.99 0.00	21.02 -0.61 0.00	22.49 -0.69 0.00	25.32 -0.81 0.00	26.98 -0.94 0.00	33.17 -1.12 0.00	26.55 -0.76 0.00	27.53 -0.86 0.00	39.38 -0.28 0.00	37.89 -0.40 0.00	19.51 -0.63 18.50	-2.40 -0.70 41.53	-7.00 -0.27 49.65	-5.42 -0.80 49.46	4.32 -1.52 39.72	-42.21 -3.04 125.73	60.90 -2.60 13.46	78.03 -2.23 0.00	71.31 -1.29 0.00	73.46 -0.99 0.00	77.34 -0.85 0.00	74.86 -0.64 0.00	67.72 -0.18 0.00
CARR STREET_E_SYR 24060	31.46 -0.16 0.00	25.63 -0.16 0.00	21.58 -0.05 0.00	23.15 -0.04 0.00	26.02 -0.11 0.00	27.72 -0.19 0.00	34.00 -0.29 0.00	27.08 -0.23 0.00	28.10 -0.29 0.00	39.34 -0.33 0.00	38.07 -0.21 0.00	38.44 -0.21 0.00	39.64 -0.20 0.00	42.89 -0.03 0.00	44.73 -0.11 0.00	45.45 -0.11 0.00	86.14 -0.42 0.00	76.73 -0.24 0.00	80.19 -0.07 0.00	72.74 0.15 0.00	74.38 -0.08 0.00	77.95 -0.25 0.00	74.91 -0.60 0.00	67.41 -0.49 0.00
CARTHAGE___PAPER 23857	31.45 -0.17 0.00	25.51 -0.29 0.00	21.31 -0.32 0.00	22.95 -0.23 0.00	26.11 -0.03 0.00	27.85 -0.06 0.00	34.28 -0.01 0.00	27.45 0.14 0.00	28.44 0.05 0.00	39.85 0.19 0.00	38.18 -0.10 0.00	38.31 -0.33 0.00	39.56 -0.27 0.00	42.65 -0.27 0.00	45.07 0.21 -0.01	44.91 -0.65 0.00	86.72 -1.73 -1.90	76.49 -1.04 -0.55	81.63 1.15 -0.23	74.50 1.90 0.00	78.09 2.87 -0.77	82.92 3.42 -1.31	79.10 3.27 -0.32	70.28 2.33 -0.05
CASSADAGA_WT_PWR 323784	31.35 -0.28 0.00	24.92 -0.88 0.00	21.10 -0.53 0.00	22.54 -0.65 0.00	25.32 -0.82 0.00	26.87 -1.04 0.00	33.38 -0.92 0.00	27.04 -0.26 0.00	28.65 0.26 0.00	41.20 1.54 0.00	39.34 1.06 0.00	40.90 0.82 -1.43	43.51 0.46 -3.21	47.59 0.83 -3.84	48.66 -0.01 -3.83	47.11 -0.63 -2.18	72.55 -1.82 12.18	74.39 -1.28 1.31	79.56 -0.69 0.00	72.44 -0.15 0.00	75.52 1.06 0.00	79.26 1.07 0.00	76.62 1.11 0.00	68.92 1.02 0.00
CE_DUNWOOD___DRP 24194	33.24 1.62 0.00	27.41 1.62 0.00	23.17 1.54 0.00	24.84 1.66 0.00	27.70 1.57 0.00	29.41 1.50 0.00	35.99 1.69 0.00	28.76 1.46 0.00	29.83 1.44 0.00	41.60 1.94 0.00	40.42 2.14 0.00	40.79 2.15 0.00	41.90 2.07 0.00	45.27 2.22 -0.13	47.70 2.51 -0.35	48.99 2.96 -0.46	92.59 6.01 -0.03	82.89 5.74 -0.17	86.41 6.15 0.00	78.35 5.75 0.00	79.69 5.23 0.00	83.76 5.56 0.00	79.96 4.45 0.00	72.13 4.23 0.00
CE_MILLWOOD___DRP 24193	33.18 1.56 0.00	27.35 1.56 0.00	23.13 1.49 0.00	24.80 1.61 0.00	27.66 1.53 0.00	29.37 1.46 0.00	35.93 1.63 0.00	28.71 1.40 0.00	29.77 1.39 0.00	41.52 1.86 0.00	40.34 2.06 0.00	40.70 2.06 0.00	41.80 1.97 0.00	45.16 2.12 -0.13	47.58 2.39 -0.35	48.86 2.83 -0.46	92.35 5.77 -0.03	82.66 5.51 -0.17	86.18 5.93 0.00	78.14 5.55 0.00	79.50 5.04 0.00	83.57 5.38 0.00	79.79 4.28 0.00	71.96 4.06 0.00
CE_NYC2_DRP 24202	33.44 1.81 0.00	27.61 1.82 0.00	23.34 1.71 0.00	25.01 1.83 0.00	27.86 1.73 0.00	29.54 1.63 0.00	36.13 1.83 0.00	28.95 1.64 0.00	29.98 1.59 0.00	41.78 2.12 0.00	40.67 2.38 0.00	41.03 2.39 0.00	42.20 2.37 0.00	45.59 2.54 -0.13	48.07 2.88 -0.35	49.35 3.32 -0.46	93.07 6.49 -0.03	83.38 6.23 -0.17	86.91 6.66 0.00	78.75 6.15 0.00	80.05 5.59 0.00	84.15 5.96 0.00	80.31 4.80 0.00	72.57 4.67 0.00
CE_NYC_DRP 24195	33.42 1.80 0.00	27.58 1.79 0.00	23.32 1.69 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.54 1.62 0.00	36.12 1.82 0.00	28.93 1.62 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.67 2.39 0.00	41.07 2.43 0.00	42.24 2.41 0.00	45.64 2.59 -0.13	48.11 2.92 -0.35	49.39 3.36 -0.46	93.26 6.68 -0.03	83.53 6.38 -0.17	87.03 6.77 0.00	78.88 6.28 0.00	80.18 5.72 0.00	84.29 6.10 0.00	80.44 4.94 0.00	72.65 4.74 0.00
CHAFFEE___LFGE 323603	32.10 0.48 0.00	25.65 -0.14 0.00	21.48 -0.15 0.00	22.96 -0.22 0.00	25.84 -0.30 0.00	27.36 -0.56 0.00	33.68 -0.62 0.00	27.08 -0.23 0.00	28.51 0.12 0.00	40.96 1.29 0.00	39.37 1.09 0.00	41.03 1.15 -1.24	43.93 1.32 -2.77	47.97 1.74 -3.32	49.15 1.00 -3.30	47.40 0.16 -1.67	69.79 -0.96 15.79	74.39 -0.89 1.69	79.47 -0.78 0.00	71.67 -0.92 0.00	73.56 -0.90 0.00	76.91 -1.27 0.00	74.77 -0.73 0.00	67.36 -0.55 0.00
CHATEAUG_35_KV_LOAD 355732	31.21 -0.41 0.00	25.11 -0.68 0.00	20.91 -0.72 0.00	22.14 -1.04 0.00	25.09 -1.05 0.00	27.12 -0.79 0.00	33.77 -0.52 0.00	26.95 -0.35 0.00	28.22 -0.17 0.00	39.53 -0.14 0.00	37.69 -0.58 0.00	38.01 -0.63 0.00	39.38 -0.45 0.00	42.08 -0.84 0.00	44.28 -0.57 0.00	45.02 -0.54 0.00	86.58 0.03 0.00	76.48 -0.49 0.00	79.12 -1.13 0.00	71.21 -1.38 0.00	73.77 -0.68 0.00	77.48 -0.71 0.00	75.24 -0.27 0.00	67.38 -0.52 0.00
CHATEAUG_WT_PWR 323614	31.21 -0.41 0.00	25.12 -0.68 0.00	20.94 -0.69 0.00	22.18 -1.01 0.00	25.13 -1.01 0.00	27.15 -0.77 0.00	33.80 -0.50 0.00	26.97 -0.34 0.00	28.21 -0.18 0.00	39.58 -0.09 0.00	37.68 -0.60 0.00	38.04 -0.60 0.00	39.40 -0.43 0.00	42.13 -0.79 0.00	44.34 -0.50 0.00	45.14 -0.43 0.00	86.67 0.12 0.00	76.63 -0.34 0.00	79.31 -0.94 0.00	71.25 -1.34 0.00	73.72 -0.73 0.00	77.45 -0.75 0.00	75.13 -0.37 0.00	67.30 -0.61 0.00
CHAT_HIGH_FALL_HYD 323578	31.21 -0.41 0.00	25.11 -0.68 0.00	20.91 -0.72 0.00	22.14 -1.04 0.00	25.09 -1.05 0.00	27.12 -0.79 0.00	33.77 -0.52 0.00	26.95 -0.35 0.00	28.22 -0.17 0.00	39.53 -0.14 0.00	37.69 -0.58 0.00	38.01 -0.63 0.00	39.38 -0.45 0.00	42.08 -0.84 0.00	44.28 -0.57 0.00	45.02 -0.54 0.00	86.58 0.03 0.00	76.48 -0.49 0.00	79.12 -1.13 0.00	71.21 -1.38 0.00	73.77 -0.68 0.00	77.48 -0.71 0.00	75.24 -0.27 0.00	67.38 -0.52 0.00
CHAUTAUQUA___LFGE 323629	31.74 0.12 0.00	25.29 -0.50 0.00	21.31 -0.32 0.00	22.76 -0.43 0.00	25.61 -0.53 0.00	27.12 -0.79 0.00	33.50 -0.80 0.00	27.05 -0.26 0.00	28.53 0.14 0.00	40.96 1.29 0.00	39.25 0.97 0.00	40.62 0.83 -1.15	43.09 0.69 -2.58	47.20 1.20 -3.08	48.31 0.40 -3.07	46.79 -0.31 -1.53	69.86 -1.60 15.09	74.10 -1.25 1.62	79.29 -0.96 0.00	71.93 -0.66 0.00	74.55 0.09 0.00	78.07 -0.12 0.00	75.61 0.10 0.00	68.07 0.17 0.00
CHERRYST_13_KV_LD 356241	33.50 1.88 0.00	27.65 1.86 0.00	23.38 1.74 0.00	25.05 1.86 0.00	27.90 1.77 0.00	29.60 1.69 0.00	36.21 1.91 0.00	29.01 1.70 0.00	30.09 1.70 0.00	41.94 2.28 0.00	40.79 2.51 0.00	41.20 2.55 0.00	42.39 2.55 0.00	45.79 2.74 -0.13	48.28 3.09 -0.35	49.57 3.54 -0.46	93.61 7.03 -0.03	83.84 6.69 -0.17	87.34 7.09 0.00	79.14 6.55 0.00	80.45 6.00 0.00	84.56 6.37 0.00	80.72 5.21 0.00	72.87 4.97 0.00

CHESTROR_138KV_BK263 355645	32.95 1.32 0.00	27.11 1.32 0.00	22.93 1.30 0.00	24.59 1.40 0.00	27.47 1.34 0.00	29.19 1.28 0.00	35.72 1.42 0.00	28.49 1.19 0.00	29.57 1.18 0.00	41.22 1.56 0.00	40.00 1.72 0.00	40.32 1.67 0.00	41.39 1.56 0.00	44.74 1.70 -0.11	47.11 1.96 -0.31	48.36 2.39 -0.41	91.51 4.93 -0.02	81.95 4.82 -0.15	85.50 5.25 0.00	77.56 4.96 0.00	78.97 4.52 0.00	82.99 4.80 0.00	79.30 3.79 0.00	71.46 3.56 0.00
CH_MIDHUDSON___DRP 24192	33.08 1.45 0.00	27.24 1.44 0.00	23.03 1.40 0.00	24.72 1.53 0.00	27.60 1.47 0.00	29.32 1.41 0.00	35.86 1.57 0.00	28.60 1.30 0.00	29.68 1.30 0.00	41.41 1.75 0.00	40.17 1.88 0.00	40.50 1.86 0.00	41.55 1.72 0.00	44.82 1.84 -0.06	47.13 2.12 -0.17	48.35 2.56 -0.23	91.90 5.33 -0.01	82.26 5.19 -0.09	85.86 5.61 0.00	77.89 5.30 0.00	79.32 4.87 0.00	83.39 5.20 0.00	79.60 4.10 0.00	71.73 3.83 0.00
CH_MISC_IPPS 23765	33.28 1.65 0.00	27.39 1.60 0.00	23.16 1.53 0.00	24.84 1.66 0.00	27.74 1.61 0.00	29.47 1.56 0.00	36.06 1.76 0.00	28.78 1.48 0.00	29.87 1.48 0.00	41.70 2.03 0.00	40.45 2.17 0.00	40.78 2.14 0.00	41.85 2.02 0.00	45.20 2.20 -0.09	47.59 2.52 -0.23	48.88 3.01 -0.31	92.81 6.24 -0.02	83.17 6.08 -0.12	86.82 6.56 0.00	78.70 6.11 0.00	80.11 5.65 0.00	84.18 6.00 0.00	80.34 4.84 0.00	72.34 4.44 0.00
CH_RES_BVR_FALLS 23983	31.08 -0.54 0.00	25.27 -0.53 0.00	21.13 -0.50 0.00	22.61 -0.57 0.00	25.59 -0.54 0.00	27.47 -0.45 0.00	33.82 -0.48 0.00	26.93 -0.38 0.00	28.09 -0.29 0.00	39.33 -0.34 0.00	37.89 -0.39 0.00	38.32 -0.33 0.00	39.61 -0.22 0.00	42.58 -0.33 0.00	44.50 -0.34 0.00	45.12 -0.44 0.00	85.68 -0.87 0.00	76.26 -0.72 0.00	79.57 -0.69 0.00	71.94 -0.66 0.00	73.87 -0.58 0.00	77.63 -0.56 0.00	75.19 -0.32 0.00	67.49 -0.41 0.00
CH_RES_NIAGARA 23895	31.55 -0.07 0.00	25.20 -0.59 0.00	21.06 -0.57 0.00	22.55 -0.64 0.00	25.41 -0.72 0.00	26.84 -1.07 0.00	33.03 -1.27 0.00	26.55 -0.76 0.00	28.00 -0.39 0.00	40.26 0.60 0.00	38.76 0.48 0.00	40.21 0.56 -1.01	42.87 0.77 -2.27	46.62 0.99 -2.71	47.71 0.16 -2.70	46.13 -0.69 -1.26	67.66 -3.31 15.58	71.92 -3.39 1.67	76.83 -3.42 0.00	69.12 -3.48 0.00	70.85 -3.61 0.00	74.03 -4.17 0.00	72.64 -2.86 0.00	65.78 -2.12 0.00
CH_RES_SYRACUSE 23985	31.61 -0.01 0.00	25.75 -0.04 0.00	21.69 0.05 0.00	23.26 0.07 0.00	26.14 0.00 0.00	27.87 -0.05 0.00	34.18 -0.12 0.00	27.22 -0.08 0.00	28.25 -0.14 0.00	39.53 -0.13 0.00	38.24 -0.04 0.00	38.59 -0.05 0.00	39.81 -0.02 0.00	43.11 0.19 0.00	45.00 0.13 -0.02	45.69 0.12 0.00	88.91 0.08 -2.27	77.82 0.18 -0.66	80.88 0.35 -0.27	73.19 0.60 0.00	75.77 0.39 -0.92	80.00 0.24 -1.57	75.75 -0.14 -0.39	67.84 -0.13 -0.06
CLINTON_WT_PWR 323605	31.21 -0.41 0.00	25.12 -0.68 0.00	20.94 -0.69 0.00	22.18 -1.01 0.00	25.13 -1.01 0.00	27.15 -0.77 0.00	33.80 -0.50 0.00	26.97 -0.34 0.00	28.21 -0.18 0.00	39.58 -0.09 0.00	37.68 -0.60 0.00	38.04 -0.60 0.00	39.40 -0.43 0.00	42.13 -0.79 0.00	44.34 -0.50 0.00	45.14 -0.43 0.00	86.67 0.12 0.00	76.63 -0.34 0.00	79.31 -0.94 0.00	71.25 -1.34 0.00	73.72 -0.73 0.00	77.45 -0.75 0.00	75.13 -0.37 0.00	67.30 -0.61 0.00
CLINTON___LFGE 323618	31.65 0.03 0.00	25.43 -0.36 0.00	21.19 -0.44 0.00	22.43 -0.76 0.00	25.34 -0.79 0.00	27.38 -0.54 0.00	34.11 -0.18 0.00	27.23 -0.07 0.00	28.52 0.13 0.00	40.08 0.42 0.00	38.20 -0.08 0.00	38.52 -0.12 0.00	39.86 0.03 0.00	42.56 -0.36 0.00	44.71 -0.14 0.00	45.58 0.02 0.00	87.72 1.17 0.00	77.53 0.56 0.00	80.52 0.26 0.00	72.35 -0.24 0.00	74.88 0.42 0.00	78.69 0.50 0.00	76.20 0.69 0.00	68.19 0.29 0.00
COBBLENY_34_KV_TB1 80064	32.11 0.49 0.00	25.65 -0.14 0.00	21.48 -0.15 0.00	22.96 -0.23 0.00	25.84 -0.30 0.00	27.36 -0.56 0.00	33.67 -0.63 0.00	27.08 -0.23 0.00	28.51 0.12 0.00	40.95 1.29 0.00	39.38 1.10 0.00	41.03 1.15 -1.24	43.91 1.31 -2.77	47.97 1.74 -3.32	49.14 1.00 -3.30	47.47 0.23 -1.67	69.78 -0.98 15.79	74.42 -0.86 1.69	79.48 -0.77 0.00	71.67 -0.93 0.00	73.56 -0.89 0.00	76.91 -1.28 0.00	74.77 -0.73 0.00	67.35 -0.55 0.00
COFFEEN___115KV_TB3 355620	31.60 -0.03 0.00	25.64 -0.16 0.00	21.45 -0.18 0.00	23.13 -0.06 0.00	26.24 0.11 0.00	27.97 0.06 0.00	34.42 0.12 0.00	27.59 0.29 0.00	28.54 0.16 0.00	40.06 0.40 0.00	38.37 0.09 0.00	38.50 -0.14 0.00	39.40 -0.43 0.00	42.59 -0.33 0.00	45.12 0.26 -0.02	44.79 -0.78 0.00	86.79 -2.12 -2.36	76.63 -1.04 -0.69	81.98 1.45 -0.28	75.05 2.46 0.00	79.00 3.58 -0.96	83.96 4.15 -1.63	79.68 3.76 -0.40	70.72 2.75 -0.07
COLDSPRG_115KV_BK1 355956	32.23 0.60 0.00	25.74 -0.05 0.00	21.75 0.12 0.00	23.24 0.05 0.00	26.13 0.00 0.00	27.70 -0.21 0.00	34.22 -0.08 0.00	27.63 0.32 0.00	29.13 0.74 0.00	41.74 2.08 0.00	39.94 1.65 0.00	42.01 1.49 -1.88	45.44 1.38 -4.22	49.95 1.98 -5.04	51.04 1.17 -5.03	49.38 0.61 -3.20	79.32 0.37 7.60	76.45 0.28 0.81	80.83 0.58 0.00	73.41 0.81 0.00	75.87 1.42 0.00	79.62 1.43 0.00	76.83 1.33 0.00	69.12 1.22 0.00
COLONIE_LFGE___ 323577	32.52 0.90 0.00	26.86 1.07 0.00	22.71 1.08 0.00	24.38 1.19 0.00	27.29 1.16 0.00	29.05 1.14 0.00	35.57 1.28 0.00	28.24 0.93 0.00	29.32 0.94 0.00	40.74 1.08 0.00	39.30 1.02 0.00	39.60 0.96 0.00	40.57 0.74 0.00	43.18 0.60 0.34	44.65 0.71 0.90	45.27 0.91 1.20	88.64 2.16 0.07	78.63 2.11 0.45	82.90 2.65 0.00	75.39 2.79 0.00	77.16 2.70 0.00	81.18 3.00 0.00	77.70 2.19 0.00	70.07 2.16 0.00
COOPERNY_115KV_TB1 80082	32.71 1.08 0.00	26.87 1.08 0.00	22.73 1.10 0.00	24.39 1.21 0.00	27.28 1.14 0.00	28.99 1.08 0.00	35.49 1.19 0.00	28.27 0.96 0.00	29.33 0.94 0.00	40.92 1.26 0.00	39.68 1.40 0.00	40.01 1.37 0.00	41.12 1.28 0.00	44.45 1.44 -0.09	46.73 1.65 -0.24	47.89 2.00 -0.32	90.65 4.08 -0.02	81.11 4.02 -0.12	84.58 4.32 0.00	76.73 4.13 0.00	78.17 3.71 0.00	82.17 3.98 0.00	78.60 3.10 0.00	70.85 2.95 0.00
COPENHAGEN_WT_PWR 323753	30.91 -0.71 0.00	25.12 -0.67 0.00	21.03 -0.60 0.00	22.71 -0.47 0.00	25.79 -0.35 0.00	27.46 -0.45 0.00	33.79 -0.50 0.00	27.11 -0.20 0.00	27.96 -0.42 0.00	39.26 -0.40 0.00	37.66 -0.62 0.00	37.92 -0.73 0.00	39.07 -0.76 0.00	42.13 -0.79 0.00	44.53 -0.33 -0.02	44.27 -1.29 0.00	85.65 -3.38 -2.49	75.39 -2.31 -0.73	80.57 0.02 -0.30	73.66 1.06 0.00	77.45 1.98 -1.01	82.48 2.58 -1.71	78.28 2.35 -0.42	69.55 1.57 -0.07
CORNELL_____ 23752	32.04 0.42 0.00	26.07 0.27 0.00	22.01 0.38 0.00	23.60 0.42 0.00	26.51 0.37 0.00	28.26 0.35 0.00	34.69 0.39 0.00	27.63 0.33 0.00	28.69 0.31 0.00	40.24 0.58 0.00	38.77 0.48 0.00	39.02 0.38 0.00	40.08 0.25 0.00	43.52 0.60 0.00	45.42 0.57 0.00	46.61 0.74 -0.30	95.46 1.64 -7.27	79.20 1.45 -0.78	81.96 1.71 0.00	74.91 2.32 0.00	76.77 2.32 0.00	80.56 2.37 0.00	77.22 1.71 0.00	69.36 1.46 0.00

CORONA V_69_KV_TB1 355595	33.62 2.00 0.00	27.69 1.90 0.00	23.37 1.74 0.00	24.98 1.79 0.00	27.91 1.78 0.00	29.63 1.72 0.00	36.24 1.95 0.00	29.00 1.69 0.00	30.06 1.68 0.00	41.85 2.19 0.00	40.89 2.61 0.00	41.37 2.73 0.00	42.30 2.47 0.00	45.61 2.56 -0.13	48.09 2.90 -0.35	49.69 3.66 -0.46	94.16 7.58 -0.03	84.27 7.12 -0.17	87.90 7.64 0.00	79.57 6.97 0.00	80.66 6.21 0.00	84.76 6.57 0.00	80.54 5.03 0.00	72.77 4.87 0.00
CORTLAND_115KV_TB3 80093	31.89 0.27 0.00	25.96 0.17 0.00	21.92 0.29 0.00	23.50 0.32 0.00	26.41 0.28 0.00	28.14 0.23 0.00	34.53 0.23 0.00	27.49 0.19 0.00	28.53 0.14 0.00	39.97 0.31 0.00	38.62 0.34 0.00	38.89 0.25 0.00	40.00 0.17 0.00	43.35 0.43 0.00	45.23 0.38 0.00	46.06 0.50 0.00	87.60 1.04 0.00	78.08 1.11 0.00	81.54 1.28 0.00	74.17 1.57 0.00	75.97 1.51 0.00	79.76 1.57 0.00	76.52 1.01 0.00	68.77 0.87 0.00
COXSACKIE___GT 23611	33.08 1.46 0.00	27.11 1.31 0.00	22.88 1.25 0.00	24.60 1.41 0.00	27.57 1.43 0.00	29.36 1.44 0.00	35.88 1.59 0.00	28.49 1.19 0.00	29.45 1.07 0.00	40.80 1.14 0.00	39.21 0.93 0.00	39.55 0.90 0.00	40.80 0.97 0.00	43.80 0.94 0.06	45.85 1.16 0.15	46.91 1.54 0.20	90.10 3.56 0.01	81.29 4.39 0.08	85.99 5.73 0.00	78.10 5.50 0.00	79.95 5.49 0.00	84.23 6.04 0.00	80.64 5.14 0.00	72.30 4.40 0.00
CPV_VALLEY___CC1 323721	32.72 1.10 0.00	26.93 1.13 0.00	22.78 1.15 0.00	24.43 1.24 0.00	27.29 1.16 0.00	29.00 1.09 0.00	35.49 1.19 0.00	28.30 1.00 0.00	29.37 0.98 0.00	40.94 1.27 0.00	39.72 1.44 0.00	40.06 1.42 0.00	41.15 1.31 0.00	44.46 1.44 -0.11	46.79 1.66 -0.28	48.00 2.06 -0.38	90.81 4.24 -0.02	81.27 4.15 -0.14	84.74 4.49 0.00	76.88 4.28 0.00	78.29 3.84 0.00	82.29 4.10 0.00	78.65 3.14 0.00	70.89 2.98 0.00
CPV_VALLEY___CC2 323722	32.72 1.10 0.00	26.93 1.13 0.00	22.78 1.15 0.00	24.43 1.24 0.00	27.29 1.16 0.00	29.00 1.09 0.00	35.49 1.19 0.00	28.30 1.00 0.00	29.37 0.98 0.00	40.94 1.27 0.00	39.72 1.44 0.00	40.06 1.42 0.00	41.15 1.31 0.00	44.46 1.44 -0.11	46.79 1.66 -0.28	48.00 2.06 -0.38	90.81 4.24 -0.02	81.27 4.15 -0.14	84.74 4.49 0.00	76.88 4.28 0.00	78.29 3.84 0.00	82.29 4.10 0.00	78.65 3.14 0.00	70.89 2.98 0.00
CRESCENT___HYD 24018	32.52 0.90 0.00	26.86 1.07 0.00	22.71 1.08 0.00	24.38 1.19 0.00	27.29 1.16 0.00	29.05 1.14 0.00	35.57 1.28 0.00	28.24 0.93 0.00	29.32 0.94 0.00	40.74 1.08 0.00	39.30 1.02 0.00	39.60 0.96 0.00	40.57 0.74 0.00	43.18 0.60 0.34	44.65 0.71 0.90	45.27 0.91 1.20	88.64 2.16 0.07	78.63 2.11 0.45	82.90 2.65 0.00	75.39 2.79 0.00	77.16 2.70 0.00	81.18 3.00 0.00	77.70 2.19 0.00	70.07 2.16 0.00
CRICKET___VALLEY_CC1 323756	32.73 1.11 0.00	27.02 1.23 0.00	22.87 1.24 0.00	24.54 1.36 0.00	27.38 1.24 0.00	29.08 1.17 0.00	35.54 1.24 0.00	28.34 1.03 0.00	29.40 1.01 0.00	41.00 1.34 0.00	39.75 1.46 0.00	40.06 1.42 0.00	40.99 1.16 0.00	41.13 1.10 2.88	38.41 1.29 7.72	36.96 1.66 10.26	89.53 3.60 0.62	76.63 3.50 3.84	84.14 3.89 0.00	76.45 3.85 0.00	77.93 3.47 0.00	81.96 3.77 0.00	78.16 2.66 0.00	70.51 2.61 0.00
CRICKET___VALLEY_CC2 323757	32.73 1.11 0.00	27.02 1.23 0.00	22.87 1.24 0.00	24.54 1.36 0.00	27.38 1.24 0.00	29.08 1.17 0.00	35.54 1.24 0.00	28.34 1.03 0.00	29.40 1.01 0.00	41.00 1.34 0.00	39.75 1.46 0.00	40.06 1.42 0.00	40.99 1.16 0.00	41.13 1.10 2.88	38.41 1.29 7.72	36.96 1.66 10.26	89.53 3.60 0.62	76.63 3.50 3.84	84.14 3.89 0.00	76.45 3.85 0.00	77.93 3.47 0.00	81.96 3.77 0.00	78.16 2.66 0.00	70.51 2.61 0.00
CRICKET___VALLEY_CC3 323758	32.73 1.11 0.00	27.02 1.23 0.00	22.87 1.24 0.00	24.54 1.36 0.00	27.38 1.24 0.00	29.08 1.17 0.00	35.54 1.24 0.00	28.34 1.03 0.00	29.40 1.01 0.00	41.00 1.34 0.00	39.75 1.46 0.00	40.06 1.42 0.00	40.99 1.16 0.00	41.13 1.10 2.88	38.41 1.29 7.72	36.96 1.66 10.26	89.53 3.60 0.62	76.63 3.50 3.84	84.14 3.89 0.00	76.45 3.85 0.00	77.93 3.47 0.00	81.96 3.77 0.00	78.16 2.66 0.00	70.51 2.61 0.00
CRUCIBLE_METL_DRP 24180	31.61 -0.01 0.00	25.75 -0.05 0.00	21.69 0.05 0.00	23.26 0.07 0.00	26.13 0.00 0.00	27.87 -0.05 0.00	34.17 -0.13 0.00	27.22 -0.08 0.00	28.25 -0.14 0.00	39.53 -0.13 0.00	38.24 -0.04 0.00	38.59 -0.05 0.00	39.81 -0.02 0.00	43.12 0.19 0.00	45.00 0.13 -0.02	45.70 0.13 0.00	88.91 0.08 -2.27	77.82 0.18 -0.66	80.88 0.35 -0.27	73.20 0.60 0.00	75.77 0.40 -0.92	80.00 0.24 -1.57	75.75 -0.14 -0.39	67.84 -0.13 -0.06
DAHOWA___HYDRO 323763	32.87 1.25 0.00	27.06 1.27 0.00	22.86 1.23 0.00	24.54 1.35 0.00	27.51 1.38 0.00	29.30 1.39 0.00	35.92 1.62 0.00	28.54 1.24 0.00	29.64 1.25 0.00	41.20 1.54 0.00	39.58 1.30 0.00	39.84 1.20 0.00	40.73 0.89 0.00	43.38 0.73 0.27	45.03 0.90 0.71	45.73 1.12 0.95	89.10 2.61 0.06	79.50 2.87 0.35	84.30 4.04 0.00	76.69 4.09 0.00	78.69 4.24 0.00	82.74 4.55 0.00	79.03 3.52 0.00	71.26 3.35 0.00
DANC___LFGE 323619	31.07 -0.55 0.00	25.28 -0.51 0.00	21.21 -0.43 0.00	22.84 -0.35 0.00	25.83 -0.30 0.00	27.51 -0.40 0.00	33.82 -0.47 0.00	27.04 -0.26 0.00	27.96 -0.43 0.00	39.20 -0.46 0.00	37.70 -0.58 0.00	37.98 -0.67 0.00	39.15 -0.68 0.00	42.24 -0.68 0.00	44.45 -0.42 -0.02	44.45 -1.11 0.00	86.94 -2.78 -3.17	75.96 -1.94 -0.92	80.18 -0.45 -0.38	72.93 0.33 0.00	76.57 0.83 -1.29	81.50 1.14 -2.18	77.00 0.95 -0.54	68.60 0.61 -0.09
DANSKAMMER___1 23586	33.28 1.65 0.00	27.39 1.60 0.00	23.16 1.53 0.00	24.84 1.66 0.00	27.74 1.61 0.00	29.47 1.56 0.00	36.06 1.76 0.00	28.78 1.48 0.00	29.87 1.48 0.00	41.70 2.03 0.00	40.45 2.17 0.00	40.78 2.14 0.00	41.85 2.02 0.00	45.20 2.20 -0.09	47.59 2.52 -0.23	48.88 3.01 -0.31	92.81 6.24 -0.02	83.17 6.08 -0.12	86.82 6.56 0.00	78.70 6.11 0.00	80.11 5.65 0.00	84.18 6.00 0.00	80.34 4.84 0.00	72.34 4.44 0.00
DANSKAMMER___2 23589	33.28 1.65 0.00	27.39 1.60 0.00	23.16 1.53 0.00	24.84 1.66 0.00	27.74 1.61 0.00	29.47 1.56 0.00	36.06 1.76 0.00	28.78 1.48 0.00	29.87 1.48 0.00	41.70 2.03 0.00	40.45 2.17 0.00	40.78 2.14 0.00	41.85 2.02 0.00	45.20 2.20 -0.09	47.59 2.52 -0.23	48.88 3.01 -0.31	92.81 6.24 -0.02	83.17 6.08 -0.12	86.82 6.56 0.00	78.70 6.11 0.00	80.11 5.65 0.00	84.18 6.00 0.00	80.34 4.84 0.00	72.34 4.44 0.00
DANSKAMMER___3 23590	33.28 1.65 0.00	27.39 1.60 0.00	23.16 1.53 0.00	24.84 1.66 0.00	27.74 1.61 0.00	29.47 1.56 0.00	36.06 1.76 0.00	28.78 1.48 0.00	29.87 1.48 0.00	41.70 2.03 0.00	40.45 2.17 0.00	40.78 2.14 0.00	41.85 2.02 0.00	45.20 2.20 -0.09	47.59 2.52 -0.23	48.88 3.01 -0.31	92.81 6.24 -0.02	83.17 6.08 -0.12	86.82 6.56 0.00	78.70 6.11 0.00	80.11 5.65 0.00	84.18 6.00 0.00	80.34 4.84 0.00	72.34 4.44 0.00

DANSKAMMER___4 23591	33.28 1.65 0.00	27.39 1.60 0.00	23.16 1.53 0.00	24.84 1.66 0.00	27.74 1.61 0.00	29.47 1.56 0.00	36.06 1.76 0.00	28.78 1.48 0.00	29.87 1.48 0.00	41.70 2.03 0.00	40.45 2.17 0.00	40.78 2.14 0.00	41.85 2.02 0.00	45.20 2.20 -0.09	47.59 2.52 -0.23	48.88 3.01 -0.31	92.81 6.24 -0.02	83.17 6.08 -0.12	86.82 6.56 0.00	78.70 6.11 0.00	80.11 5.65 0.00	84.18 6.00 0.00	80.34 4.84 0.00	72.34 4.44 0.00
DANSKAMMER___DIESEL 23592	33.28 1.65 0.00	27.39 1.60 0.00	23.16 1.53 0.00	24.84 1.66 0.00	27.74 1.61 0.00	29.47 1.56 0.00	36.07 1.77 0.00	28.78 1.48 0.00	29.87 1.49 0.00	41.70 2.04 0.00	40.45 2.17 0.00	40.77 2.13 0.00	41.85 2.02 0.00	45.20 2.19 -0.09	47.59 2.52 -0.23	48.89 3.02 -0.31	92.81 6.24 -0.02	83.16 6.07 -0.12	86.82 6.56 0.00	78.70 6.11 0.00	80.11 5.66 0.00	84.18 5.99 0.00	80.34 4.84 0.00	72.34 4.44 0.00
DARBY___SOLAR 323810	32.77 1.15 0.00	26.99 1.19 0.00	22.80 1.17 0.00	24.48 1.29 0.00	27.44 1.30 0.00	29.22 1.31 0.00	35.81 1.52 0.00	28.45 1.15 0.00	29.53 1.15 0.00	41.05 1.39 0.00	39.49 1.21 0.00	39.75 1.10 0.00	40.63 0.79 0.00	43.29 0.64 0.28	44.90 0.81 0.75	45.62 1.05 1.00	88.91 2.42 0.06	79.27 2.67 0.37	83.95 3.69 0.00	76.38 3.78 0.00	78.36 3.90 0.00	82.39 4.20 0.00	78.74 3.23 0.00	70.99 3.09 0.00
DASHVILLE___HYD 23610	32.93 1.31 0.00	27.09 1.30 0.00	22.92 1.29 0.00	24.61 1.42 0.00	27.48 1.35 0.00	29.20 1.29 0.00	35.71 1.42 0.00	28.48 1.17 0.00	29.54 1.15 0.00	41.23 1.57 0.00	39.99 1.71 0.00	40.35 1.71 0.00	41.39 1.55 0.00	44.70 1.72 -0.05	47.03 2.04 -0.14	48.25 2.49 -0.19	91.70 5.14 -0.01	82.12 5.08 -0.07	85.70 5.45 0.00	77.71 5.11 0.00	79.13 4.67 0.00	83.18 4.99 0.00	79.47 3.96 0.00	71.54 3.64 0.00
DELAWARE___LFGE 323621	32.40 0.77 0.00	26.48 0.69 0.00	22.44 0.82 0.00	24.12 0.93 0.00	27.05 0.91 0.00	28.82 0.91 0.00	35.29 1.00 0.00	28.01 0.71 0.00	29.12 0.73 0.00	40.75 1.09 0.00	39.44 1.16 0.00	39.06 1.13 0.71	39.34 1.10 1.60	42.31 1.30 1.91	44.29 1.35 1.90	45.71 1.48 1.33	89.38 2.83 0.00	79.77 2.80 0.00	83.06 2.80 0.00	75.44 2.85 0.00	77.12 2.66 0.00	81.10 2.91 0.00	77.84 2.33 0.00	70.11 2.21 0.00
DERFIELD_115KV_TB7 355931	31.66 0.04 0.00	25.87 0.08 0.00	21.77 0.13 0.00	23.37 0.18 0.00	26.28 0.15 0.00	28.05 0.14 0.00	34.40 0.11 0.00	27.36 0.05 0.00	28.42 0.03 0.00	39.67 0.01 0.00	38.32 0.04 0.00	38.69 0.04 0.00	39.84 0.00 0.00	42.93 0.01 0.00	44.85 0.01 0.00	45.65 0.09 0.00	86.74 0.18 0.00	77.24 0.27 0.00	80.66 0.41 0.00	73.10 0.50 0.00	74.87 0.41 0.00	78.68 0.49 0.00	75.79 0.28 0.00	68.17 0.27 0.00
DOGLEVILLE___HYD 23807	31.73 0.11 0.00	26.19 0.40 0.00	22.21 0.58 0.00	23.96 0.77 0.00	26.80 0.67 0.00	28.50 0.59 0.00	34.83 0.53 0.00	27.60 0.29 0.00	28.52 0.13 0.00	39.41 -0.25 0.00	37.97 -0.31 0.00	38.15 -0.50 0.00	39.00 -0.83 0.00	41.97 -0.95 0.00	43.60 -1.25 0.00	44.60 -0.96 0.00	85.83 -0.72 0.00	77.44 0.47 0.00	81.45 1.20 0.00	75.12 2.53 0.00	76.86 2.41 0.00	80.79 2.60 0.00	76.89 1.38 0.00	69.21 1.31 0.00
DUNKIRK___115KV_TB_200 55889	31.76 0.14 0.00	25.32 -0.47 0.00	21.33 -0.30 0.00	22.78 -0.41 0.00	25.63 -0.50 0.00	27.16 -0.75 0.00	33.51 -0.78 0.00	27.05 -0.26 0.00	28.51 0.12 0.00	40.92 1.25 0.00	39.24 0.95 0.00	40.60 0.84 -1.12	43.06 0.71 -2.51	47.17 1.24 -3.01	48.28 0.44 -2.99	46.84 -0.19 -1.47	69.64 -1.54 15.37	74.13 -1.19 1.65	79.27 -0.98 0.00	71.87 -0.72 0.00	74.38 -0.07 0.00	77.89 -0.30 0.00	75.44 -0.07 0.00	67.93 0.03 0.00
DUNKIRK___1 23563	31.76 0.14 0.00	25.32 -0.47 0.00	21.33 -0.30 0.00	22.78 -0.41 0.00	25.63 -0.50 0.00	27.16 -0.75 0.00	33.51 -0.78 0.00	27.05 -0.26 0.00	28.51 0.12 0.00	40.92 1.25 0.00	39.24 0.95 0.00	40.60 0.84 -1.12	43.06 0.71 -2.51	47.17 1.24 -3.01	48.28 0.44 -2.99	46.84 -0.19 -1.47	69.64 -1.54 15.37	74.13 -1.19 1.65	79.27 -0.98 0.00	71.87 -0.72 0.00	74.38 -0.07 0.00	77.89 -0.30 0.00	75.44 -0.07 0.00	67.93 0.03 0.00
DUNKIRK___2 23564	31.76 0.14 0.00	25.32 -0.47 0.00	21.33 -0.30 0.00	22.78 -0.41 0.00	25.63 -0.50 0.00	27.16 -0.75 0.00	33.51 -0.78 0.00	27.05 -0.26 0.00	28.51 0.12 0.00	40.92 1.25 0.00	39.24 0.95 0.00	40.60 0.84 -1.12	43.06 0.71 -2.51	47.17 1.24 -3.01	48.28 0.44 -2.99	46.84 -0.19 -1.47	69.64 -1.54 15.37	74.13 -1.19 1.65	79.27 -0.98 0.00	71.87 -0.72 0.00	74.38 -0.07 0.00	77.89 -0.30 0.00	75.44 -0.07 0.00	67.93 0.03 0.00
DUNKIRK___3 23565	31.76 0.13 0.00	25.36 -0.44 0.00	21.35 -0.29 0.00	22.80 -0.38 0.00	25.67 -0.46 0.00	27.18 -0.73 0.00	33.50 -0.79 0.00	27.00 -0.30 0.00	28.43 0.04 0.00	40.79 1.13 0.00	39.13 0.85 0.00	40.39 0.78 -0.98	42.76 0.73 -2.19	46.77 1.23 -2.62	47.90 0.45 -2.61	46.54 -0.19 -1.17	68.99 -1.56 16.00	73.94 -1.32 1.71	79.07 -1.19 0.00	71.56 -1.03 0.00	73.84 -0.62 0.00	77.33 -0.86 0.00	74.93 -0.57 0.00	67.51 -0.39 0.00
DUNKIRK___4 23566	31.76 0.13 0.00	25.36 -0.44 0.00	21.35 -0.29 0.00	22.80 -0.38 0.00	25.67 -0.46 0.00	27.18 -0.73 0.00	33.50 -0.79 0.00	27.00 -0.30 0.00	28.43 0.04 0.00	40.79 1.13 0.00	39.13 0.85 0.00	40.39 0.78 -0.98	42.76 0.73 -2.19	46.77 1.23 -2.62	47.90 0.45 -2.61	46.54 -0.19 -1.17	68.99 -1.56 16.00	73.94 -1.32 1.71	79.07 -1.19 0.00	71.56 -1.03 0.00	73.84 -0.62 0.00	77.33 -0.86 0.00	74.93 -0.57 0.00	67.51 -0.39 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.33 1.71 0.00	27.48 1.69 0.00	23.24 1.61 0.00	24.90 1.72 0.00	27.77 1.64 0.00	29.47 1.56 0.00	36.05 1.75 0.00	28.83 1.52 0.00	29.89 1.51 0.00	41.68 2.02 0.00	40.51 2.23 0.00	40.90 2.25 0.00	42.01 2.18 0.00	45.41 2.35 -0.13	47.84 2.65 -0.35	49.13 3.10 -0.46	92.85 6.27 -0.03	83.11 5.97 -0.17	86.64 6.39 0.00	78.53 5.93 0.00	79.87 5.41 0.00	83.97 5.78 0.00	80.14 4.63 0.00	72.33 4.42 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.10 1.48 0.00	27.23 1.44 0.00	23.02 1.39 0.00	24.70 1.52 0.00	27.58 1.45 0.00	29.30 1.39 0.00	35.87 1.57 0.00	28.62 1.32 0.00	29.71 1.32 0.00	41.44 1.78 0.00	40.22 1.94 0.00	40.54 1.89 0.00	41.61 1.78 0.00	44.95 1.93 -0.10	47.32 2.22 -0.26	48.60 2.69 -0.34	92.16 5.59 -0.02	82.56 5.45 -0.13	86.15 5.90 0.00	78.13 5.54 0.00	79.55 5.09 0.00	83.59 5.40 0.00	79.82 4.31 0.00	71.89 3.99 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.41 1.79 0.00	27.61 1.82 0.00	23.34 1.71 0.00	25.01 1.82 0.00	27.85 1.72 0.00	29.50 1.58 0.00	36.12 1.83 0.00	28.97 1.67 0.00	30.00 1.62 0.00	41.81 2.14 0.00	40.73 2.44 0.00	41.08 2.44 0.00	42.21 2.38 0.00	45.63 2.58 -0.13	48.08 2.89 -0.35	49.42 3.39 -0.46	93.16 6.58 -0.03	83.57 6.42 -0.17	87.06 6.81 0.00	78.89 6.29 0.00	80.22 5.76 0.00	84.29 6.10 0.00	80.48 4.98 0.00	72.73 4.83 0.00

E179THST_13_KV_LOAD 356214	33.57 1.95 0.00	27.74 1.94 0.00	23.44 1.81 0.00	25.11 1.93 0.00	27.96 1.83 0.00	29.62 1.71 0.00	36.28 1.98 0.00	29.10 1.79 0.00	30.13 1.74 0.00	42.01 2.34 0.00	40.92 2.64 0.00	41.29 2.65 0.00	42.42 2.59 0.00	45.89 2.84 -0.13	48.35 3.16 -0.35	49.69 3.66 -0.46	93.69 7.12 -0.03	84.04 6.90 -0.17	87.57 7.32 0.00	79.35 6.75 0.00	80.68 6.22 0.00	84.82 6.63 0.00	80.98 5.47 0.00	73.15 5.24 0.00
EAST HAMPTON___GT 23717	34.08 2.45 0.00	28.37 2.58 0.00	23.36 1.73 0.00	24.81 1.62 0.00	27.67 1.54 0.00	29.45 1.53 0.00	35.83 1.53 0.00	28.87 1.56 0.00	29.83 1.44 0.00	41.30 1.63 0.00	40.62 2.34 0.00	41.41 2.76 0.00	42.04 2.21 0.00	44.88 1.84 -0.13	47.23 2.04 -0.35	49.86 3.83 -0.46	96.48 9.91 -0.03	86.81 9.66 -0.17	90.80 10.54 0.00	81.34 8.74 0.00	81.94 7.48 0.00	85.60 7.42 0.00	79.87 4.36 0.00	71.74 3.84 0.00
EAST RIVER___6 23660	33.45 1.83 0.00	27.60 1.81 0.00	23.34 1.71 0.00	25.01 1.82 0.00	27.86 1.72 0.00	29.55 1.64 0.00	36.14 1.84 0.00	28.96 1.66 0.00	30.04 1.65 0.00	41.86 2.20 0.00	40.72 2.44 0.00	41.14 2.50 0.00	42.32 2.49 0.00	45.72 2.67 -0.13	48.19 3.00 -0.35	49.47 3.44 -0.46	93.32 6.75 -0.03	83.63 6.48 -0.17	87.12 6.86 0.00	78.93 6.33 0.00	80.23 5.78 0.00	84.31 6.12 0.00	80.46 4.95 0.00	72.66 4.76 0.00
EAST RIVER___7 23524	33.45 1.83 0.00	27.60 1.81 0.00	23.34 1.71 0.00	25.01 1.82 0.00	27.86 1.72 0.00	29.55 1.64 0.00	36.14 1.84 0.00	28.96 1.66 0.00	30.04 1.65 0.00	41.86 2.20 0.00	40.72 2.44 0.00	41.14 2.50 0.00	42.32 2.49 0.00	45.72 2.67 -0.13	48.19 3.00 -0.35	49.47 3.44 -0.46	93.32 6.75 -0.03	83.63 6.48 -0.17	87.12 6.86 0.00	78.93 6.33 0.00	80.23 5.78 0.00	84.31 6.12 0.00	80.46 4.95 0.00	72.66 4.76 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.24 1.62 0.00	27.41 1.62 0.00	23.17 1.54 0.00	24.84 1.66 0.00	27.70 1.57 0.00	29.41 1.50 0.00	35.99 1.69 0.00	28.76 1.46 0.00	29.83 1.44 0.00	41.60 1.94 0.00	40.42 2.14 0.00	40.79 2.15 0.00	41.90 2.07 0.00	45.27 2.22 -0.13	47.70 2.51 -0.35	48.99 2.96 -0.46	92.59 6.01 -0.03	82.89 5.74 -0.17	86.41 6.15 0.00	78.35 5.75 0.00	79.69 5.23 0.00	83.76 5.56 0.00	79.96 4.45 0.00	72.13 4.23 0.00
EAST_HAMPTON___DIESEL 23722	34.05 2.43 0.00	28.36 2.57 0.00	23.32 1.69 0.00	24.77 1.58 0.00	27.62 1.49 0.00	29.40 1.48 0.00	35.74 1.44 0.00	28.80 1.49 0.00	29.75 1.36 0.00	41.18 1.52 0.00	40.53 2.25 0.00	41.30 2.66 0.00	41.93 2.10 0.00	44.76 1.71 -0.13	47.10 1.91 -0.35	49.75 3.72 -0.46	96.34 9.75 -0.03	86.69 9.54 -0.17	90.65 10.39 0.00	81.19 8.59 0.00	81.78 7.32 0.00	85.44 7.26 0.00	79.65 4.14 0.00	71.54 3.63 0.00
EAST_POINT___SOLAR 323840	33.47 1.85 0.00	27.16 1.37 0.00	22.82 1.18 0.00	24.44 1.26 0.00	27.54 1.41 0.00	29.42 1.51 0.00	36.17 1.87 0.00	28.72 1.42 0.00	29.74 1.35 0.00	41.12 1.46 0.00	39.67 1.38 0.00	39.73 1.09 0.00	40.38 0.55 0.00	43.27 0.49 0.14	44.68 0.20 0.36	45.19 0.11 0.48	87.61 1.09 0.03	79.18 2.39 0.18	82.87 2.62 0.00	76.89 4.30 0.00	80.32 5.87 0.00	84.22 6.03 0.00	81.03 5.52 0.00	72.62 4.71 0.00
EAST_PULASKI___ESR 323781	31.24 -0.38 0.00	25.44 -0.35 0.00	21.38 -0.25 0.00	22.96 -0.23 0.00	25.88 -0.25 0.00	27.57 -0.34 0.00	33.86 -0.44 0.00	27.00 -0.31 0.00	27.97 -0.42 0.00	39.16 -0.50 0.00	37.76 -0.52 0.00	38.08 -0.57 0.00	39.27 -0.56 0.00	42.42 -0.50 0.00	44.40 -0.48 -0.04	44.65 -0.91 0.00	89.14 -2.17 -4.76	76.75 -1.62 -1.39	79.90 -0.91 -0.57	72.23 -0.37 0.00	76.08 -0.31 -1.93	81.15 -0.31 -3.27	75.85 -0.46 -0.81	67.69 -0.35 -0.14
EAST_RIVER___1 323558	33.42 1.80 0.00	27.58 1.79 0.00	23.32 1.69 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.54 1.62 0.00	36.12 1.82 0.00	28.92 1.62 0.00	30.00 1.61 0.00	41.81 2.15 0.00	40.67 2.39 0.00	41.07 2.43 0.00	42.23 2.40 0.00	45.64 2.59 -0.13	48.11 2.92 -0.35	49.39 3.36 -0.46	93.26 6.68 -0.03	83.54 6.39 -0.17	87.03 6.77 0.00	78.87 6.28 0.00	80.18 5.72 0.00	84.29 6.10 0.00	80.45 4.94 0.00	72.63 4.73 0.00
EAST_RIVER___2 323559	33.45 1.83 0.00	27.60 1.81 0.00	23.34 1.71 0.00	25.01 1.82 0.00	27.86 1.72 0.00	29.55 1.64 0.00	36.14 1.84 0.00	28.96 1.66 0.00	30.04 1.65 0.00	41.86 2.20 0.00	40.72 2.44 0.00	41.14 2.50 0.00	42.32 2.49 0.00	45.72 2.67 -0.13	48.19 3.00 -0.35	49.47 3.44 -0.46	93.32 6.75 -0.03	83.63 6.48 -0.17	87.12 6.86 0.00	78.93 6.33 0.00	80.23 5.78 0.00	84.31 6.12 0.00	80.46 4.95 0.00	72.66 4.76 0.00
EAST___DELAWARE_HYD 23607	32.35 0.73 0.00	26.58 0.78 0.00	22.47 0.84 0.00	24.11 0.93 0.00	26.94 0.80 0.00	28.62 0.71 0.00	35.04 0.74 0.00	28.18 0.87 0.00	29.24 0.86 0.00	40.78 1.12 0.00	39.51 1.23 0.00	39.72 1.07 0.00	40.48 0.64 0.00	43.72 0.72 -0.08	46.06 1.00 -0.22	47.35 1.50 -0.29	90.19 3.62 -0.02	81.00 3.92 -0.11	84.64 4.39 0.00	76.81 4.21 0.00	78.11 3.66 0.00	82.05 3.86 0.00	78.35 2.84 0.00	70.54 2.64 0.00
EIGHT_POINT___WT_PWR 323820	30.64 -0.98 0.00	24.59 -1.20 0.00	20.85 -0.78 0.00	22.31 -0.88 0.00	25.14 -1.00 0.00	26.77 -1.15 0.00	32.92 -1.37 0.00	26.48 -0.82 0.00	27.56 -0.83 0.00	39.59 -0.07 0.00	38.02 -0.26 0.00	52.49 -0.63 -14.48	71.66 -0.67 -32.50	81.66 -0.11 -38.85	82.87 -0.68 -38.70	73.66 -1.70 -29.79	150.75 -2.61 -66.81	81.68 -2.45 -7.15	78.38 -1.87 0.00	71.78 -0.82 0.00	73.98 -0.48 0.00	77.95 -0.24 0.00	75.66 0.15 0.00	68.48 0.58 0.00
ELBRIDGE_115KV_TB2 80188	31.47 -0.15 0.00	25.62 -0.17 0.00	21.58 -0.05 0.00	23.17 -0.02 0.00	26.02 -0.12 0.00	27.75 -0.16 0.00	34.01 -0.29 0.00	27.11 -0.20 0.00	28.12 -0.27 0.00	39.34 -0.33 0.00	38.05 -0.23 0.00	38.39 -0.26 0.00	39.59 -0.24 0.00	42.88 -0.04 0.00	44.74 -0.12 -0.02	45.43 -0.13 0.00	88.38 -0.48 -2.31	77.30 -0.35 -0.67	80.25 -0.28 -0.28	72.71 0.11 0.00	75.34 -0.06 -0.94	79.58 -0.20 -1.59	75.36 -0.54 -0.39	67.43 -0.54 -0.07
ELEC_TRO_TEK 24086	33.46 1.84 0.00	27.57 1.78 0.00	23.27 1.63 0.00	24.88 1.69 0.00	27.79 1.66 0.00	29.50 1.59 0.00	36.09 1.80 0.00	28.88 1.58 0.00	29.93 1.54 0.00	41.65 1.99 0.00	40.66 2.38 0.00	41.15 2.51 0.00	42.08 2.25 0.00	45.34 2.29 -0.13	47.77 2.58 -0.35	49.33 3.30 -0.46	93.47 6.89 -0.03	83.58 6.44 -0.17	87.18 6.92 0.00	78.91 6.31 0.00	79.99 5.54 0.00	84.09 5.90 0.00	79.93 4.42 0.00	72.25 4.35 0.00
ELLENBURG_WT_PWR 323604	31.21 -0.41 0.00	25.12 -0.68 0.00	20.94 -0.69 0.00	22.18 -1.01 0.00	25.13 -1.01 0.00	27.15 -0.77 0.00	33.80 -0.50 0.00	26.97 -0.34 0.00	28.21 -0.18 0.00	39.58 -0.09 0.00	37.68 -0.60 0.00	38.04 -0.60 0.00	39.40 -0.43 0.00	42.13 -0.79 0.00	44.34 -0.50 0.00	45.14 -0.43 0.00	86.67 0.12 0.00	76.63 -0.34 0.00	79.31 -0.94 0.00	71.25 -1.34 0.00	73.72 -0.73 0.00	77.45 -0.75 0.00	75.13 -0.37 0.00	67.30 -0.61 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.86 0.24 0.00	25.46 -0.33 0.00	21.33 -0.30 0.00	22.82 -0.37 0.00	25.69 -0.45 0.00	27.17 -0.74 0.00	33.45 -0.84 0.00	26.91 -0.40 0.00	28.35 -0.04 0.00	40.74 1.08 0.00	39.17 0.89 0.00	40.58 0.93 -1.01	43.17 1.08 -2.26	47.04 1.42 -2.70	48.18 0.65 -2.69	46.62 -0.12 -1.18	67.54 -1.80 17.22	73.52 -1.61 1.84	78.68 -1.57 0.00	70.91 -1.68 0.00	72.83 -1.63 0.00	76.14 -2.05 0.00	74.17 -1.34 0.00	66.90 -1.00 0.00
EMPIRE_CC_1 323656	31.98 0.35 0.00	26.33 0.54 0.00	22.27 0.64 0.00	23.93 0.74 0.00	26.77 0.63 0.00	28.49 0.58 0.00	34.85 0.56 0.00	27.66 0.36 0.00	28.70 0.31 0.00	39.95 0.29 0.00	38.61 0.33 0.00	38.92 0.28 0.00	40.00 0.17 0.00	43.06 0.14 0.00	45.09 0.25 0.00	46.03 0.47 0.00	87.60 1.05 0.00	78.18 1.20 0.00	81.74 1.49 0.00	74.23 1.63 0.00	75.85 1.40 0.00	79.82 1.63 0.00	76.58 1.07 0.00	69.05 1.14 0.00
EMPIRE_CC_2 323658	31.98 0.35 0.00	26.33 0.54 0.00	22.27 0.64 0.00	23.93 0.74 0.00	26.77 0.63 0.00	28.49 0.58 0.00	34.85 0.56 0.00	27.66 0.36 0.00	28.70 0.31 0.00	39.95 0.29 0.00	38.61 0.33 0.00	38.92 0.28 0.00	40.00 0.17 0.00	43.06 0.14 0.00	45.09 0.25 0.00	46.03 0.47 0.00	87.60 1.05 0.00	78.18 1.20 0.00	81.74 1.49 0.00	74.23 1.63 0.00	75.85 1.40 0.00	79.82 1.63 0.00	76.58 1.07 0.00	69.05 1.14 0.00
ENORWICH_115KV_TB1 80156	32.20 0.58 0.00	26.20 0.41 0.00	22.27 0.63 0.00	23.86 0.67 0.00	26.79 0.66 0.00	28.74 0.83 0.00	35.41 1.12 0.00	28.39 1.09 0.00	29.63 1.24 0.00	41.65 1.98 0.00	40.26 1.98 0.00	39.79 1.80 0.66	40.05 1.69 1.48	43.30 2.14 1.76	45.28 2.19 1.76	46.68 2.19 1.08	95.18 4.95 -3.68	82.08 4.71 -0.39	84.61 4.36 0.00	78.48 5.89 0.00	80.06 5.60 0.00	83.85 5.65 0.00	80.17 4.66 0.00	72.48 4.58 0.00
ERIE_ST__34_KV_TB1-2 80199	32.01 0.39 0.00	25.58 -0.21 0.00	21.45 -0.18 0.00	22.91 -0.27 0.00	25.80 -0.33 0.00	27.30 -0.61 0.00	33.61 -0.69 0.00	27.02 -0.28 0.00	28.47 0.08 0.00	40.92 1.26 0.00	39.33 1.06 0.00	40.75 1.10 -1.01	43.32 1.24 -2.25	47.30 1.69 -2.69	48.46 0.94 -2.68	46.97 0.23 -1.17	68.39 -0.80 17.37	74.43 -0.69 1.86	79.52 -0.74 0.00	71.65 -0.95 0.00	73.45 -1.00 0.00	76.77 -1.42 0.00	74.55 -0.96 0.00	67.14 -0.76 0.00
ERIE_WT_PWR 323693	31.90 0.28 0.00	25.49 -0.30 0.00	21.36 -0.27 0.00	22.85 -0.34 0.00	25.71 -0.43 0.00	27.20 -0.71 0.00	33.49 -0.80 0.00	26.95 -0.36 0.00	28.38 -0.01 0.00	40.77 1.11 0.00	39.20 0.92 0.00	40.64 0.95 -1.04	43.25 1.08 -2.33	47.17 1.46 -2.79	48.32 0.69 -2.78	46.57 -0.14 -1.15	65.41 -1.57 19.57	73.48 -1.40 2.10	78.99 -1.27 0.00	71.28 -1.31 0.00	73.22 -1.23 0.00	76.61 -1.58 0.00	74.53 -0.98 0.00	67.19 -0.71 0.00
ESPRGFLD_115KV_TB1 80157	32.90 1.28 0.00	26.66 0.87 0.00	22.45 0.82 0.00	24.05 0.87 0.00	27.09 0.96 0.00	28.95 1.03 0.00	35.63 1.33 0.00	28.38 1.07 0.00	29.57 1.18 0.00	41.51 1.85 0.00	40.18 1.90 0.00	40.53 1.89 0.00	41.88 2.05 0.00	45.16 2.32 0.08	46.91 2.29 0.23	47.41 2.15 0.31	90.44 3.91 0.02	80.73 3.88 0.11	83.88 3.63 0.00	76.46 3.87 0.00	78.60 4.14 0.00	82.26 4.07 0.00	79.32 3.81 0.00	71.19 3.29 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.01 0.39 0.00	26.04 0.25 0.00	21.99 0.36 0.00	23.58 0.39 0.00	26.48 0.35 0.00	28.23 0.32 0.00	34.65 0.36 0.00	27.61 0.30 0.00	28.67 0.28 0.00	40.18 0.52 0.00	38.74 0.46 0.00	39.00 0.35 0.00	40.07 0.23 0.00	43.48 0.55 0.00	45.38 0.53 0.00	46.50 0.68 -0.25	94.11 1.48 -6.07	78.99 1.37 -0.65	81.80 1.54 0.00	74.73 2.13 0.00	76.60 2.14 0.00	80.35 2.16 0.00	77.06 1.55 0.00	69.22 1.32 0.00
ETNA____115KV_TB2 80207	32.01 0.39 0.00	26.04 0.25 0.00	21.99 0.36 0.00	23.58 0.39 0.00	26.48 0.35 0.00	28.23 0.32 0.00	34.65 0.36 0.00	27.61 0.30 0.00	28.67 0.28 0.00	40.18 0.52 0.00	38.74 0.46 0.00	39.00 0.35 0.00	40.07 0.23 0.00	43.48 0.55 0.00	45.38 0.53 0.00	46.50 0.68 -0.25	94.11 1.48 -6.07	78.99 1.37 -0.65	81.80 1.54 0.00	74.73 2.13 0.00	76.60 2.14 0.00	80.35 2.16 0.00	77.06 1.55 0.00	69.22 1.32 0.00
EUCLID__115KV_TB2 356179	31.35 -0.27 0.00	25.55 -0.25 0.00	21.50 -0.13 0.00	23.05 -0.13 0.00	25.92 -0.21 0.00	27.62 -0.29 0.00	33.89 -0.41 0.00	26.98 -0.33 0.00	28.00 -0.39 0.00	39.21 -0.45 0.00	37.93 -0.35 0.00	38.29 -0.35 0.00	39.50 -0.33 0.00	42.71 -0.21 0.00	44.55 -0.30 -0.01	45.23 -0.34 0.00	86.75 -0.90 -1.09	76.61 -0.68 -0.32	79.84 -0.54 -0.13	72.28 -0.31 0.00	74.36 -0.54 -0.44	78.25 -0.69 -0.75	74.73 -0.97 -0.19	67.11 -0.83 -0.03
E_CANADA_CAP_HY 24051	33.22 1.60 0.00	26.90 1.11 0.00	22.57 0.94 0.00	24.15 0.96 0.00	27.25 1.12 0.00	29.14 1.23 0.00	35.89 1.59 0.00	28.57 1.26 0.00	29.72 1.33 0.00	41.52 1.86 0.00	40.09 1.81 0.00	40.39 1.75 0.00	41.72 1.89 0.00	44.81 2.01 0.12	46.38 1.87 0.33	46.73 1.61 0.44	89.55 3.03 0.03	80.11 3.30 0.16	83.71 3.46 0.00	76.50 3.91 0.00	79.03 4.57 0.00	82.65 4.46 0.00	79.83 4.32 0.00	71.59 3.69 0.00
E_CANADA_MHWK_HY 24050	31.74 0.11 0.00	26.19 0.40 0.00	22.21 0.58 0.00	23.96 0.77 0.00	26.80 0.67 0.00	28.51 0.59 0.00	34.83 0.53 0.00	27.60 0.29 0.00	28.52 0.13 0.00	39.41 -0.25 0.00	37.97 -0.31 0.00	38.15 -0.49 0.00	39.00 -0.83 0.00	41.97 -0.95 0.00	43.59 -1.25 0.00	44.60 -0.96 0.00	85.83 -0.72 0.00	77.44 0.47 0.00	81.45 1.19 0.00	75.12 2.52 0.00	76.87 2.41 0.00	80.79 2.59 0.00	76.89 1.38 0.00	69.21 1.31 0.00
E_FISHKILL__LBMP 23776	32.93 1.30 0.00	27.12 1.33 0.00	22.95 1.32 0.00	24.62 1.43 0.00	27.48 1.35 0.00	29.19 1.28 0.00	35.70 1.41 0.00	28.47 1.17 0.00	29.54 1.15 0.00	41.18 1.52 0.00	39.96 1.68 0.00	40.32 1.67 0.00	41.38 1.55 0.00	44.68 1.62 -0.13	47.06 1.86 -0.36	48.29 2.25 -0.48	91.25 4.67 -0.03	81.65 4.50 -0.18	85.12 4.87 0.00	77.23 4.63 0.00	78.65 4.20 0.00	82.72 4.53 0.00	78.99 3.48 0.00	71.24 3.34 0.00
FALCON__SEABRD_CC1 323796	31.58 -0.04 0.00	25.38 -0.41 0.00	21.16 -0.47 0.00	22.40 -0.78 0.00	25.30 -0.83 0.00	27.32 -0.59 0.00	34.06 -0.24 0.00	27.19 -0.12 0.00	28.43 0.04 0.00	39.97 0.30 0.00	38.08 -0.20 0.00	38.41 -0.23 0.00	39.75 -0.08 0.00	42.50 -0.42 0.00	44.67 -0.17 0.00	45.56 -0.01 0.00	87.62 1.07 0.00	77.49 0.52 0.00	80.34 0.09 0.00	72.14 -0.45 0.00	74.58 0.12 0.00	78.40 0.21 0.00	75.91 0.40 0.00	67.95 0.05 0.00
FALCON__SEABRD_CC2 323797	31.58 -0.04 0.00	25.38 -0.41 0.00	21.16 -0.47 0.00	22.40 -0.78 0.00	25.30 -0.83 0.00	27.32 -0.59 0.00	34.06 -0.24 0.00	27.19 -0.12 0.00	28.43 0.04 0.00	39.97 0.30 0.00	38.08 -0.20 0.00	38.41 -0.23 0.00	39.75 -0.08 0.00	42.50 -0.42 0.00	44.67 -0.17 0.00	45.56 -0.01 0.00	87.62 1.07 0.00	77.49 0.52 0.00	80.34 0.09 0.00	72.14 -0.45 0.00	74.58 0.12 0.00	78.40 0.21 0.00	75.91 0.40 0.00	67.95 0.05 0.00

FAR ROCKAWAY___4 23548	33.87 2.25 0.00	27.89 2.09 0.00	23.53 1.90 0.00	25.16 1.97 0.00	28.11 1.97 0.00	29.83 1.92 0.00	36.51 2.21 0.00	29.22 1.91 0.00	30.30 1.91 0.00	42.22 2.56 0.00	41.25 2.97 0.00	41.74 3.09 0.00	42.67 2.84 0.00	46.05 3.00 -0.13	48.57 3.38 -0.35	50.21 4.18 -0.46	95.19 8.61 -0.03	85.17 8.02 -0.17	88.86 8.60 0.00	80.39 7.79 0.00	81.48 7.02 0.00	85.60 7.41 0.00	81.29 5.78 0.00	73.44 5.54 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.43 1.81 0.00	27.59 1.80 0.00	23.33 1.70 0.00	25.00 1.82 0.00	27.85 1.71 0.00	29.54 1.62 0.00	36.13 1.83 0.00	28.93 1.63 0.00	30.00 1.62 0.00	41.83 2.16 0.00	40.67 2.39 0.00	41.07 2.42 0.00	42.23 2.40 0.00	45.64 2.59 -0.13	48.11 2.92 -0.35	49.38 3.35 -0.46	93.30 6.72 -0.03	83.54 6.40 -0.17	87.04 6.78 0.00	78.89 6.29 0.00	80.19 5.73 0.00	84.30 6.11 0.00	80.47 4.97 0.00	72.66 4.76 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.44 1.82 0.00	27.61 1.81 0.00	23.34 1.71 0.00	25.01 1.82 0.00	27.86 1.73 0.00	29.56 1.64 0.00	36.15 1.85 0.00	28.95 1.64 0.00	30.01 1.63 0.00	41.85 2.19 0.00	40.69 2.41 0.00	41.09 2.44 0.00	42.26 2.43 0.00	45.66 2.61 -0.13	48.15 2.95 -0.35	49.42 3.39 -0.46	93.39 6.81 -0.03	83.64 6.50 -0.17	87.18 6.92 0.00	79.00 6.40 0.00	80.31 5.85 0.00	84.42 6.23 0.00	80.60 5.09 0.00	72.78 4.88 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.40 1.78 0.00	27.57 1.78 0.00	23.31 1.68 0.00	24.98 1.79 0.00	27.83 1.69 0.00	29.52 1.61 0.00	36.11 1.81 0.00	28.91 1.60 0.00	29.99 1.60 0.00	41.80 2.13 0.00	40.64 2.36 0.00	41.04 2.39 0.00	42.20 2.37 0.00	45.59 2.54 -0.13	48.06 2.87 -0.35	49.33 3.30 -0.46	93.18 6.60 -0.03	83.45 6.31 -0.17	86.95 6.70 0.00	78.81 6.22 0.00	80.12 5.66 0.00	84.22 6.03 0.00	80.40 4.89 0.00	72.60 4.69 0.00
FARRAGUT___LBMP 323566	33.38 1.76 0.00	27.56 1.76 0.00	23.30 1.67 0.00	24.96 1.78 0.00	27.81 1.68 0.00	29.50 1.59 0.00	36.09 1.79 0.00	28.90 1.59 0.00	29.96 1.57 0.00	41.76 2.10 0.00	40.61 2.33 0.00	41.00 2.36 0.00	42.16 2.33 0.00	45.55 2.50 -0.13	48.02 2.83 -0.35	49.30 3.27 -0.46	93.12 6.54 -0.03	83.38 6.24 -0.17	86.88 6.62 0.00	78.75 6.15 0.00	80.05 5.59 0.00	84.15 5.96 0.00	80.34 4.83 0.00	72.55 4.65 0.00
FENNER___WINDPWR 24204	31.96 0.33 0.00	26.01 0.22 0.00	21.90 0.27 0.00	23.50 0.31 0.00	26.44 0.31 0.00	28.21 0.29 0.00	34.66 0.37 0.00	27.56 0.25 0.00	28.61 0.22 0.00	40.03 0.36 0.00	38.78 0.49 0.00	39.06 0.42 0.00	40.24 0.41 0.00	43.52 0.60 0.00	45.45 0.61 0.00	46.33 0.77 0.00	88.09 1.54 0.00	78.60 1.63 0.00	82.38 2.12 0.00	74.82 2.22 0.00	76.65 2.19 0.00	80.53 2.35 0.00	77.35 1.84 0.00	69.37 1.47 0.00
FIBERTEK___ENERGY 23856	31.61 -0.01 0.00	25.75 -0.05 0.00	21.69 0.05 0.00	23.26 0.07 0.00	26.13 0.00 0.00	27.87 -0.05 0.00	34.17 -0.13 0.00	27.22 -0.08 0.00	28.25 -0.14 0.00	39.53 -0.13 0.00	38.24 -0.04 0.00	38.59 -0.05 0.00	39.81 -0.02 0.00	43.12 0.19 0.00	45.00 0.13 -0.02	45.70 0.13 0.00	88.91 0.08 -2.27	77.82 0.18 -0.66	80.88 0.35 -0.27	73.20 0.60 0.00	75.77 0.40 -0.92	80.00 0.24 -1.57	75.75 -0.14 -0.39	67.84 -0.13 -0.06
FITZPATRICK___ 23598	30.89 -0.73 0.00	25.18 -0.61 0.00	21.18 -0.45 0.00	22.71 -0.48 0.00	25.54 -0.59 0.00	27.24 -0.67 0.00	33.42 -0.88 0.00	26.61 -0.70 0.00	27.60 -0.79 0.00	38.56 -1.10 0.00	37.29 -1.00 0.00	37.64 -1.01 0.00	38.81 -1.02 0.00	41.92 -1.01 0.00	43.56 -1.13 0.16	44.37 -1.20 0.00	62.78 -2.51 21.27	68.62 -2.14 6.21	75.60 -2.12 2.53	70.87 -1.72 0.01	63.86 -1.96 8.64	61.40 -2.15 14.64	69.59 -2.30 3.62	65.31 -1.99 0.61
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.34 1.72 0.00	27.44 1.64 0.00	23.20 1.57 0.00	24.89 1.70 0.00	27.79 1.65 0.00	29.52 1.61 0.00	36.13 1.83 0.00	28.84 1.53 0.00	29.94 1.55 0.00	41.78 2.12 0.00	40.53 2.25 0.00	40.86 2.22 0.00	41.94 2.11 0.00	45.31 2.30 -0.09	47.70 2.62 -0.24	49.01 3.13 -0.32	93.06 6.49 -0.02	83.39 6.30 -0.12	87.05 6.79 0.00	78.91 6.31 0.00	80.32 5.86 0.00	84.40 6.21 0.00	80.53 5.02 0.00	72.50 4.60 0.00
FORT ORANGE___ 23900	32.07 0.45 0.00	26.34 0.54 0.00	22.26 0.63 0.00	23.92 0.74 0.00	26.80 0.66 0.00	28.52 0.61 0.00	34.88 0.58 0.00	27.68 0.38 0.00	28.68 0.29 0.00	39.87 0.21 0.00	38.49 0.21 0.00	38.83 0.18 0.00	39.93 0.10 0.00	42.90 0.09 0.12	44.76 0.23 0.31	45.64 0.49 0.42	87.79 1.26 0.03	78.47 1.65 0.16	82.39 2.13 0.00	74.79 2.19 0.00	76.43 1.97 0.00	80.46 2.27 0.00	77.16 1.65 0.00	69.42 1.52 0.00
FORT_DRUM_COGEN 23780	31.35 -0.27 0.00	25.45 -0.34 0.00	21.29 -0.34 0.00	22.96 -0.23 0.00	26.07 -0.07 0.00	27.78 -0.13 0.00	34.19 -0.11 0.00	27.40 0.09 0.00	28.33 -0.05 0.00	39.75 0.08 0.00	38.10 -0.18 0.00	38.29 -0.36 0.00	39.36 -0.47 0.00	42.48 -0.44 0.00	44.94 0.08 -0.02	44.71 -0.85 0.00	86.43 -2.35 -2.22	76.24 -1.38 -0.65	81.48 0.96 -0.27	74.48 1.88 0.00	78.23 2.87 -0.90	83.14 3.42 -1.53	79.04 3.16 -0.38	70.19 2.23 -0.06
FOX_HILLS___ESR 323835	33.41 1.78 0.00	27.58 1.79 0.00	23.32 1.69 0.00	24.99 1.80 0.00	27.83 1.70 0.00	29.51 1.60 0.00	36.13 1.83 0.00	28.94 1.63 0.00	30.00 1.61 0.00	41.83 2.17 0.00	40.70 2.42 0.00	41.03 2.39 0.00	42.22 2.39 0.00	45.57 2.52 -0.13	48.02 2.83 -0.35	49.22 3.19 -0.46	92.76 6.18 -0.03	83.24 6.09 -0.17	86.77 6.52 0.00	78.66 6.07 0.00	79.96 5.50 0.00	84.03 5.84 0.00	80.29 4.78 0.00	72.65 4.75 0.00
FPL_FAR_ROCK_GT1 24212	33.86 2.24 0.00	27.89 2.09 0.00	23.53 1.90 0.00	25.16 1.97 0.00	28.11 1.97 0.00	29.83 1.92 0.00	36.50 2.21 0.00	29.21 1.91 0.00	30.30 1.91 0.00	42.21 2.55 0.00	41.25 2.97 0.00	41.74 3.10 0.00	42.67 2.83 0.00	46.05 3.00 -0.13	48.57 3.38 -0.35	50.21 4.18 -0.46	95.19 8.61 -0.03	85.17 8.02 -0.17	88.86 8.60 0.00	80.39 7.79 0.00	81.48 7.02 0.00	85.60 7.41 0.00	81.29 5.78 0.00	73.43 5.53 0.00
FPL_FAR_ROCK_GT2 23815	33.86 2.24 0.00	27.89 2.09 0.00	23.53 1.90 0.00	25.16 1.97 0.00	28.11 1.97 0.00	29.83 1.92 0.00	36.50 2.21 0.00	29.21 1.91 0.00	30.30 1.91 0.00	42.21 2.55 0.00	41.25 2.97 0.00	41.74 3.10 0.00	42.67 2.83 0.00	46.05 3.00 -0.13	48.57 3.38 -0.35	50.21 4.18 -0.46	95.19 8.61 -0.03	85.17 8.02 -0.17	88.86 8.60 0.00	80.39 7.79 0.00	81.48 7.02 0.00	85.60 7.41 0.00	81.29 5.78 0.00	73.43 5.53 0.00
FRANKLIN_FALL_HYD 24054	31.51 -0.11 0.00	25.35 -0.45 0.00	21.07 -0.56 0.00	22.34 -0.85 0.00	25.35 -0.78 0.00	27.39 -0.52 0.00	34.07 -0.22 0.00	27.25 -0.05 0.00	28.57 0.18 0.00	40.04 0.38 0.00	38.20 -0.08 0.00	38.57 -0.08 0.00	39.83 0.00 0.00	42.57 -0.35 0.00	44.80 -0.04 0.00	45.57 0.00 0.00	87.23 0.68 0.00	77.27 0.30 0.00	80.29 0.03 0.00	72.31 -0.29 0.00	74.94 0.49 0.00	78.63 0.43 0.00	76.30 0.80 0.00	68.24 0.34 0.00



FREEPORT_EQUS_GT1 23764	33.67 2.05 0.00	27.74 1.95 0.00	23.39 1.76 0.00	24.99 1.81 0.00	27.92 1.78 0.00	29.64 1.72 0.00	36.25 1.95 0.00	29.03 1.73 0.00	30.09 1.70 0.00	41.82 2.16 0.00	40.77 2.49 0.00	41.46 2.82 0.00	42.32 2.49 0.00	45.57 2.52 -0.13	48.04 2.85 -0.35	49.70 3.67 -0.46	93.96 7.38 -0.03	83.79 6.64 -0.17	87.48 7.23 0.00	79.14 6.54 0.00	80.15 5.69 0.00	84.43 6.24 0.00	80.24 4.73 0.00	72.65 4.74 0.00
FREEPORT___CT2 23818	33.67 2.05 0.00	27.74 1.95 0.00	23.39 1.76 0.00	24.99 1.81 0.00	27.92 1.78 0.00	29.64 1.72 0.00	36.25 1.95 0.00	29.03 1.73 0.00	30.09 1.70 0.00	41.82 2.16 0.00	40.77 2.49 0.00	41.46 2.82 0.00	42.32 2.49 0.00	45.57 2.52 -0.13	48.04 2.85 -0.35	49.70 3.67 -0.46	93.96 7.38 -0.03	83.79 6.64 -0.17	87.48 7.23 0.00	79.14 6.54 0.00	80.15 5.69 0.00	84.43 6.24 0.00	80.24 4.73 0.00	72.65 4.74 0.00
FRESHKLS_33_KV_LOAD 356253	33.45 1.82 0.00	27.62 1.82 0.00	23.35 1.72 0.00	25.03 1.84 0.00	27.89 1.75 0.00	29.56 1.65 0.00	36.19 1.90 0.00	28.98 1.67 0.00	30.04 1.65 0.00	41.90 2.24 0.00	40.76 2.47 0.00	41.07 2.43 0.00	42.27 2.44 0.00	45.59 2.54 -0.13	48.03 2.83 -0.35	49.20 3.17 -0.46	92.62 6.04 -0.03	83.22 6.07 -0.17	86.73 6.48 0.00	78.66 6.07 0.00	79.98 5.53 0.00	84.05 5.86 0.00	80.34 4.83 0.00	72.77 4.86 0.00
FULTON COGEN____ 23766	31.12 -0.50 0.00	25.37 -0.42 0.00	21.37 -0.26 0.00	22.92 -0.27 0.00	25.78 -0.36 0.00	27.47 -0.45 0.00	33.69 -0.60 0.00	26.82 -0.49 0.00	27.82 -0.57 0.00	38.93 -0.73 0.00	37.61 -0.67 0.00	37.97 -0.67 0.00	39.18 -0.65 0.00	42.42 -0.50 0.00	44.25 -0.63 -0.04	44.86 -0.71 0.00	90.52 -1.73 -5.70	77.24 -1.40 -1.67	79.74 -1.20 -0.68	71.72 -0.88 0.00	75.68 -1.09 -2.31	80.85 -1.26 -3.92	74.96 -1.51 -0.97	66.80 -1.26 -0.16
FULTON___LFGE 323630	33.25 1.63 0.00	27.05 1.25 0.00	22.73 1.11 0.00	24.37 1.18 0.00	27.44 1.30 0.00	29.28 1.37 0.00	35.98 1.69 0.00	28.60 1.30 0.00	29.65 1.27 0.00	41.14 1.48 0.00	39.66 1.38 0.00	39.90 1.26 0.00	41.15 1.32 0.00	44.06 1.28 0.14	45.31 0.84 0.37	45.64 0.57 0.49	88.12 1.60 0.03	79.40 2.61 0.18	83.69 3.43 0.00	76.99 4.39 0.00	79.59 5.13 0.00	83.45 5.26 0.00	80.25 4.74 0.00	71.99 4.09 0.00
G.F.CEMENT___DRP 24184	32.85 1.22 0.00	27.02 1.23 0.00	22.81 1.18 0.00	24.49 1.30 0.00	27.47 1.34 0.00	29.27 1.36 0.00	35.89 1.59 0.00	28.55 1.25 0.00	29.64 1.25 0.00	41.25 1.59 0.00	39.55 1.27 0.00	39.82 1.17 0.00	40.64 0.80 0.00	43.30 0.62 0.24	44.98 0.79 0.65	45.76 1.06 0.86	89.04 2.55 0.05	79.65 3.00 0.32	84.59 4.34 0.00	76.94 4.35 0.00	79.00 4.54 0.00	83.04 4.85 0.00	79.21 3.70 0.00	71.48 3.58 0.00
GARDENVILLE___LBMP 24039	31.72 0.10 0.00	25.35 -0.44 0.00	21.26 -0.37 0.00	22.76 -0.43 0.00	25.61 -0.53 0.00	27.11 -0.80 0.00	33.36 -0.93 0.00	26.84 -0.47 0.00	28.24 -0.15 0.00	40.58 0.92 0.00	39.01 0.73 0.00	40.39 0.72 -1.03	42.98 0.84 -2.31	46.88 1.20 -2.76	48.01 0.42 -2.75	45.49 -0.37 -0.30	44.74 -2.07 39.75	70.88 -1.84 4.26	78.51 -1.75 0.00	70.89 -1.71 0.00	72.88 -1.58 0.00	76.34 -1.85 0.00	74.32 -1.19 0.00	67.05 -0.85 0.00
GARDNVLA_35_KV_LD 355827	31.98 0.36 0.00	25.54 -0.25 0.00	21.40 -0.24 0.00	22.88 -0.31 0.00	25.75 -0.38 0.00	27.25 -0.66 0.00	33.53 -0.76 0.00	26.99 -0.31 0.00	28.43 0.04 0.00	40.87 1.21 0.00	39.31 1.03 -1.05	40.76 1.07 -1.05	43.41 1.22 -2.35	47.36 1.62 -2.82	48.52 0.87 -2.81	46.87 0.10 -1.21	66.71 -1.30 18.54	73.90 -1.09 1.99	79.24 -1.02 0.00	71.45 -1.14 0.00	73.37 -1.09 0.00	76.74 -1.45 0.00	74.65 -0.86 0.00	67.28 -0.62 0.00
GELCKHM___115KV_LOAD 80723	31.45 -0.17 0.00	25.62 -0.18 0.00	21.56 -0.07 0.00	23.13 -0.06 0.00	26.00 -0.13 0.00	27.71 -0.21 0.00	33.99 -0.31 0.00	27.06 -0.24 0.00	28.09 -0.30 0.00	39.33 -0.34 0.00	38.03 -0.25 0.00	38.39 -0.25 0.00	39.61 -0.22 0.00	42.85 -0.06 0.00	44.71 -0.14 -0.01	45.40 -0.16 0.00	87.60 -0.55 -1.61	77.07 -0.37 -0.47	80.22 -0.23 -0.19	72.61 0.01 0.00	74.91 -0.20 -0.65	78.95 -0.35 -1.11	75.11 -0.67 -0.27	67.38 -0.57 -0.05
GENERAL___MILLS 23808	31.90 0.28 0.00	25.49 -0.30 0.00	21.37 -0.27 0.00	22.85 -0.34 0.00	25.72 -0.41 0.00	27.22 -0.69 0.00	33.49 -0.80 0.00	26.95 -0.36 0.00	28.39 0.00 0.00	40.80 1.14 0.00	39.23 0.95 0.00	40.65 0.97 -1.04	43.28 1.11 -2.33	47.21 1.50 -2.79	48.36 0.74 -2.78	46.67 -0.04 -1.15	65.44 -1.54 19.57	73.55 -1.33 2.10	78.99 -1.26 0.00	71.24 -1.36 0.00	73.18 -1.28 0.00	76.54 -1.64 0.00	74.48 -1.03 0.00	67.16 -0.74 0.00
GE_PLASTICS___DRP 24183	32.02 0.40 0.00	26.28 0.49 0.00	22.22 0.58 0.00	23.89 0.70 0.00	26.76 0.63 0.00	28.49 0.58 0.00	34.85 0.56 0.00	27.64 0.33 0.00	28.68 0.29 0.00	39.93 0.27 0.00	38.58 0.30 0.00	38.92 0.28 0.00	40.04 0.21 0.00	43.04 0.21 0.09	44.94 0.33 0.23	45.82 0.56 0.31	87.78 1.24 0.02	78.32 1.45 0.11	81.99 1.73 0.00	74.36 1.77 0.00	75.99 1.54 0.00	79.99 1.80 0.00	76.77 1.27 0.00	69.13 1.22 0.00
GILBOA___1 23756	32.24 0.62 0.00	26.49 0.70 0.00	22.54 0.91 0.00	24.34 1.15 0.00	27.27 1.13 0.00	29.02 1.11 0.00	35.41 1.11 0.00	27.86 0.55 0.00	28.91 0.52 0.00	40.33 0.67 0.00	39.01 0.73 0.00	39.36 0.71 0.00	40.46 0.63 0.00	43.64 0.69 -0.04	45.72 0.78 -0.10	46.68 0.99 -0.13	88.41 1.85 -0.01	78.71 1.69 -0.05	81.97 1.71 0.00	74.41 1.81 0.00	76.02 1.56 0.00	80.27 2.08 0.00	77.14 1.63 0.00	69.53 1.63 0.00
GILBOA___2 23757	32.24 0.62 0.00	26.49 0.70 0.00	22.54 0.91 0.00	24.34 1.15 0.00	27.27 1.13 0.00	29.02 1.11 0.00	35.41 1.11 0.00	27.86 0.55 0.00	28.91 0.52 0.00	40.33 0.67 0.00	39.01 0.73 0.00	39.36 0.71 0.00	40.46 0.63 0.00	43.64 0.69 -0.04	45.72 0.78 -0.10	46.68 0.99 -0.13	88.41 1.85 -0.01	78.71 1.69 -0.05	81.97 1.71 0.00	74.41 1.81 0.00	76.02 1.56 0.00	80.27 2.08 0.00	77.14 1.63 0.00	69.53 1.63 0.00
GILBOA___3 23758	32.24 0.62 0.00	26.49 0.70 0.00	22.54 0.91 0.00	24.34 1.15 0.00	27.27 1.13 0.00	29.02 1.11 0.00	35.41 1.11 0.00	27.86 0.55 0.00	28.91 0.52 0.00	40.33 0.67 0.00	39.01 0.73 0.00	39.36 0.71 0.00	40.46 0.63 0.00	43.64 0.69 -0.04	45.72 0.78 -0.10	46.68 0.99 -0.13	88.41 1.85 -0.01	78.71 1.69 -0.05	81.97 1.71 0.00	74.41 1.81 0.00	76.02 1.56 0.00	80.27 2.08 0.00	77.14 1.63 0.00	69.53 1.63 0.00
GILBOA___4 23759	32.24 0.62 0.00	26.49 0.70 0.00	22.54 0.91 0.00	24.34 1.15 0.00	27.27 1.13 0.00	29.02 1.11 0.00	35.41 1.11 0.00	27.86 0.55 0.00	28.91 0.52 0.00	40.33 0.67 0.00	39.01 0.73 0.00	39.36 0.71 0.00	40.46 0.63 0.00	43.64 0.69 -0.04	45.72 0.78 -0.10	46.68 0.99 -0.13	88.41 1.85 -0.01	78.71 1.69 -0.05	81.97 1.71 0.00	74.41 1.81 0.00	76.02 1.56 0.00	80.27 2.08 0.00	77.14 1.63 0.00	69.53 1.63 0.00

GILBOA____ 23599	32.24 0.62 0.00	26.49 0.70 0.00	22.54 0.91 0.00	24.34 1.15 0.00	27.27 1.13 0.00	29.02 1.11 0.00	35.41 1.11 0.00	27.86 0.55 0.00	28.91 0.52 0.00	40.33 0.67 0.00	39.01 0.73 0.00	39.35 0.71 0.00	40.46 0.63 0.00	43.65 0.69 -0.04	45.72 0.78 -0.10	46.68 0.99 -0.13	88.41 1.85 -0.01	78.71 1.69 -0.05	81.97 1.71 0.00	74.41 1.81 0.00	76.02 1.57 0.00	80.27 2.08 0.00	77.14 1.63 0.00	69.54 1.64 0.00
GINNA____ 23603	30.72 -0.90 0.00	24.78 -1.01 0.00	20.76 -0.88 0.00	22.23 -0.96 0.00	25.02 -1.12 0.00	26.57 -1.35 0.00	32.66 -1.64 0.00	26.14 -1.16 0.00	27.38 -1.01 0.00	38.90 -0.77 0.00	37.62 -0.66 0.00	39.51 -0.52 -1.39	42.60 -0.36 -3.13	46.46 -0.20 -3.74	48.00 -0.58 -3.73	47.11 -1.06 -2.61	83.67 -2.88 0.00	74.43 -2.55 0.00	77.65 -2.61 0.00	70.17 -2.43 0.00	71.63 -2.83 0.00	74.84 -3.35 0.00	72.23 -3.28 0.00	64.94 -2.97 0.00
GLEN PARK____ 23778	31.51 -0.11 0.00	25.57 -0.22 0.00	21.40 -0.23 0.00	23.07 -0.12 0.00	26.18 0.05 0.00	27.91 0.00 0.00	34.35 0.05 0.00	27.53 0.22 0.00	28.48 0.09 0.00	39.98 0.32 0.00	38.29 0.01 0.00	38.43 -0.21 0.00	39.37 -0.46 0.00	42.53 -0.39 0.00	45.06 0.20 -0.02	44.74 -0.82 0.00	86.68 -2.22 -2.34	76.49 -1.17 -0.68	81.81 1.27 -0.28	74.86 2.27 0.00	78.76 3.35 -0.95	83.73 3.93 -1.61	79.47 3.57 -0.40	70.54 2.57 -0.07
GLENDALE_27_KV_LOAD 356172	33.58 1.96 0.00	27.72 1.93 0.00	23.43 1.80 0.00	25.11 1.92 0.00	27.96 1.83 0.00	29.65 1.73 0.00	36.27 1.97 0.00	29.07 1.76 0.00	30.12 1.73 0.00	41.97 2.31 0.00	40.85 2.57 0.00	41.24 2.59 0.00	42.42 2.58 0.00	45.84 2.78 -0.13	48.32 3.12 -0.35	49.60 3.58 -0.46	93.58 7.00 -0.03	83.84 6.69 -0.17	87.38 7.12 0.00	79.18 6.58 0.00	80.47 6.02 0.00	84.61 6.42 0.00	80.77 5.26 0.00	72.96 5.06 0.00
GLENWOOD_IC_1_G5 23712	33.56 1.94 0.00	27.64 1.85 0.00	23.34 1.71 0.00	24.99 1.80 0.00	27.89 1.75 0.00	29.61 1.70 0.00	36.23 1.93 0.00	28.99 1.68 0.00	30.06 1.67 0.00	41.87 2.21 0.00	40.83 2.55 0.00	41.29 2.65 0.00	42.31 2.48 0.00	45.67 2.62 -0.13	48.12 2.93 -0.35	49.31 3.28 -0.46	93.36 6.78 -0.03	83.57 6.42 -0.17	87.14 6.88 0.00	78.87 6.27 0.00	80.02 5.56 0.00	84.16 5.97 0.00	80.51 5.00 0.00	72.67 4.77 0.00
GLENWOOD_IC_2_G1 23688	33.43 1.80 0.00	27.54 1.75 0.00	23.26 1.63 0.00	24.91 1.72 0.00	27.79 1.66 0.00	29.50 1.59 0.00	36.09 1.80 0.00	28.87 1.56 0.00	29.93 1.54 0.00	41.70 2.04 0.00	40.65 2.37 0.00	41.08 2.44 0.00	42.11 2.28 0.00	45.46 2.42 -0.13	47.91 2.72 -0.35	49.28 3.25 -0.46	93.25 6.67 -0.03	83.45 6.30 -0.17	87.01 6.76 0.00	78.82 6.22 0.00	80.06 5.60 0.00	84.15 5.95 0.00	80.17 4.66 0.00	72.37 4.47 0.00
GLENWOOD_IC_3_G1 23689	33.43 1.80 0.00	27.54 1.75 0.00	23.26 1.63 0.00	24.91 1.72 0.00	27.79 1.66 0.00	29.50 1.59 0.00	36.09 1.80 0.00	28.87 1.56 0.00	29.93 1.54 0.00	41.70 2.04 0.00	40.65 2.37 0.00	41.08 2.44 0.00	42.11 2.28 0.00	45.46 2.42 -0.13	47.91 2.72 -0.35	49.28 3.25 -0.46	93.25 6.67 -0.03	83.45 6.30 -0.17	87.01 6.76 0.00	78.82 6.22 0.00	80.06 5.60 0.00	84.15 5.95 0.00	80.17 4.66 0.00	72.37 4.47 0.00
GLENWOOD____4 23550	33.56 1.94 0.00	27.64 1.85 0.00	23.34 1.71 0.00	24.99 1.80 0.00	27.89 1.75 0.00	29.61 1.70 0.00	36.23 1.93 0.00	28.99 1.68 0.00	30.06 1.67 0.00	41.87 2.21 0.00	40.83 2.55 0.00	41.29 2.65 0.00	42.31 2.48 0.00	45.67 2.62 -0.13	48.13 2.94 -0.35	49.43 3.40 -0.46	93.59 7.01 -0.03	83.76 6.62 -0.17	87.35 7.10 0.00	79.06 6.46 0.00	80.22 5.76 0.00	84.33 6.15 0.00	80.51 5.00 0.00	72.67 4.77 0.00
GLENWOOD____5 23614	33.56 1.94 0.00	27.64 1.85 0.00	23.34 1.71 0.00	24.99 1.80 0.00	27.89 1.75 0.00	29.61 1.70 0.00	36.23 1.93 0.00	28.99 1.68 0.00	30.06 1.67 0.00	41.87 2.21 0.00	40.83 2.55 0.00	41.29 2.65 0.00	42.31 2.48 0.00	45.67 2.62 -0.13	48.13 2.94 -0.35	49.43 3.40 -0.46	93.59 7.01 -0.03	83.76 6.62 -0.17	87.35 7.10 0.00	79.06 6.46 0.00	80.22 5.76 0.00	84.33 6.15 0.00	80.51 5.00 0.00	72.67 4.77 0.00
GLOBAL GREEN_PORT_GT1 23814	34.11 2.48 0.00	28.36 2.57 0.00	23.47 1.84 0.00	24.93 1.75 0.00	27.82 1.69 0.00	29.59 1.68 0.00	36.09 1.80 0.00	29.06 1.76 0.00	30.09 1.70 0.00	41.67 2.01 0.00	40.96 2.67 0.00	41.70 3.05 0.00	42.36 2.53 0.00	45.31 2.26 -0.13	47.69 2.50 -0.35	50.20 4.17 -0.46	96.83 10.25 -0.03	87.09 9.94 -0.17	91.10 10.85 0.00	81.75 9.15 0.00	82.34 7.88 0.00	86.09 7.90 0.00	80.59 5.08 0.00	72.41 4.51 0.00
GLOBE____DSASP 323697	31.49 -0.13 0.00	25.17 -0.62 0.00	21.03 -0.60 0.00	22.52 -0.67 0.00	25.38 -0.76 0.00	26.81 -1.11 0.00	32.99 -1.31 0.00	26.50 -0.80 0.00	27.95 -0.44 0.00	40.20 0.54 0.00	38.69 0.41 0.00	40.13 0.48 -1.01	42.79 0.69 -2.26	46.52 0.90 -2.70	47.61 0.08 -2.69	46.04 -0.78 -1.25	67.59 -3.46 15.50	71.74 -3.57 1.66	76.66 -3.60 0.00	68.97 -3.62 0.00	70.70 -3.76 0.00	73.86 -4.33 0.00	72.52 -2.98 0.00	65.68 -2.23 0.00
GOETHSLN____LBMP 323567	33.20 1.58 0.00	27.42 1.62 0.00	23.18 1.55 0.00	24.84 1.65 0.00	27.67 1.54 0.00	29.34 1.43 0.00	35.91 1.61 0.00	28.74 1.44 0.00	29.81 1.42 0.00	41.54 1.88 0.00	40.40 2.12 0.00	40.77 2.13 0.00	41.93 2.10 0.00	45.30 2.25 -0.13	47.76 2.57 -0.35	49.05 3.02 -0.46	92.63 6.05 -0.03	82.93 5.79 -0.17	86.45 6.19 0.00	78.36 5.77 0.00	79.65 5.19 0.00	83.73 5.54 0.00	79.94 4.43 0.00	72.21 4.31 0.00
GOLAH____69_KV_TB 1_2 80279	32.47 0.85 0.00	26.11 0.32 0.00	21.86 0.22 0.00	23.40 0.21 0.00	26.34 0.21 0.00	27.94 0.03 0.00	34.34 0.05 0.00	27.52 0.21 0.00	28.83 0.44 0.00	41.09 1.43 0.00	39.65 1.37 0.00	41.85 1.53 -1.68	45.41 1.80 -3.77	49.54 2.11 -4.51	51.00 1.67 -4.49	49.83 1.12 -3.14	87.57 1.02 0.00	78.03 1.05 0.00	81.51 1.26 0.00	73.56 0.96 0.00	75.17 0.72 0.00	78.56 0.37 0.00	75.99 0.49 0.00	68.37 0.47 0.00
GOODYEAR_LAKE_HYD 323669	32.62 1.00 0.00	26.58 0.79 0.00	22.50 0.87 0.00	24.15 0.97 0.00	27.11 0.97 0.00	28.91 1.00 0.00	35.47 1.18 0.00	28.20 0.89 0.00	29.36 0.97 0.00	41.16 1.49 0.00	39.86 1.58 0.00	39.59 1.55 0.60	40.06 1.58 1.36	43.14 1.84 1.62	45.12 1.89 1.61	46.38 1.94 1.13	90.21 3.65 0.00	80.60 3.63 0.00	83.73 3.48 0.00	76.19 3.59 0.00	77.99 3.53 0.00	81.88 3.69 0.00	78.64 3.13 0.00	70.73 2.82 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.83 0.20 0.00	25.89 0.10 0.00	21.94 0.31 0.00	23.50 0.32 0.00	26.39 0.26 0.00	28.10 0.18 0.00	34.44 0.15 0.00	27.44 0.13 0.00	28.52 0.13 0.00	40.11 0.44 0.00	38.66 0.38 0.00	37.38 0.33 1.59	36.54 0.28 3.57	39.29 0.63 4.27	41.05 0.45 4.25	43.05 0.45 2.97	87.44 0.89 0.00	77.78 0.81 0.00	81.13 0.87 0.00	73.64 1.05 0.00	75.39 0.93 0.00	79.16 0.97 0.00	75.97 0.46 0.00	68.41 0.51 0.00

GOUDEY___7 23579	31.83 0.20 0.00	25.89 0.10 0.00	21.94 0.31 0.00	23.50 0.32 0.00	26.39 0.26 0.00	28.10 0.18 0.00	34.44 0.15 0.00	27.44 0.13 0.00	28.52 0.13 0.00	40.11 0.44 0.00	38.66 0.38 0.00	37.38 0.33 1.59	36.54 0.28 3.57	39.29 0.63 4.27	41.05 0.45 4.25	43.05 0.45 2.97	87.44 0.89 0.00	77.78 0.81 0.00	81.13 0.87 0.00	73.64 1.05 0.00	75.39 0.93 0.00	79.16 0.97 0.00	75.97 0.46 0.00	68.41 0.51 0.00
GOUDEY___8 23580	31.83 0.20 0.00	25.89 0.10 0.00	21.94 0.31 0.00	23.50 0.32 0.00	26.39 0.26 0.00	28.10 0.18 0.00	34.44 0.15 0.00	27.44 0.13 0.00	28.52 0.13 0.00	40.11 0.44 0.00	38.66 0.38 0.00	37.38 0.33 1.59	36.54 0.28 3.57	39.29 0.63 4.27	41.05 0.45 4.25	43.05 0.45 2.97	87.44 0.89 0.00	77.78 0.81 0.00	81.13 0.87 0.00	73.64 1.05 0.00	75.39 0.93 0.00	79.16 0.97 0.00	75.97 0.46 0.00	68.41 0.51 0.00
GOWANUS_GT1_1 24077	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.83 1.70 0.00	29.51 1.60 0.00	36.12 1.83 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.83 2.17 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.62 2.57 -0.13	48.11 2.92 -0.35	49.33 3.31 -0.46	93.04 6.46 -0.03	83.44 6.29 -0.17	87.00 6.74 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.76 4.86 0.00
GOWANUS_GT1_2 24078	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.83 1.70 0.00	29.51 1.60 0.00	36.12 1.83 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.83 2.17 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.62 2.57 -0.13	48.11 2.92 -0.35	49.33 3.31 -0.46	93.04 6.46 -0.03	83.44 6.29 -0.17	87.00 6.74 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.76 4.86 0.00
GOWANUS_GT1_3 24079	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.83 1.70 0.00	29.51 1.60 0.00	36.12 1.83 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.83 2.17 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.62 2.57 -0.13	48.11 2.92 -0.35	49.33 3.31 -0.46	93.04 6.46 -0.03	83.44 6.29 -0.17	87.00 6.74 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.76 4.86 0.00
GOWANUS_GT1_4 24080	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.83 1.70 0.00	29.51 1.60 0.00	36.12 1.83 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.83 2.17 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.62 2.57 0.00	48.11 2.92 -0.35	49.33 3.31 -0.46	93.04 6.46 -0.03	83.44 6.29 -0.17	87.00 6.74 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.76 4.86 0.00
GOWANUS_GT1_5 24084	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.83 1.70 0.00	29.51 1.60 0.00	36.12 1.83 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.83 2.17 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.62 2.57 -0.13	48.11 2.92 -0.35	49.33 3.31 -0.46	93.04 6.46 -0.03	83.44 6.29 -0.17	87.00 6.74 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.76 4.86 0.00
GOWANUS_GT1_6 24111	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.83 1.70 0.00	29.51 1.60 0.00	36.12 1.83 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.83 2.17 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.62 2.57 -0.13	48.11 2.92 -0.35	49.33 3.31 -0.46	93.04 6.46 -0.03	83.44 6.29 -0.17	87.00 6.74 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.76 4.86 0.00
GOWANUS_GT1_7 24112	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.83 1.70 0.00	29.51 1.60 0.00	36.12 1.83 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.83 2.17 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.62 2.57 -0.13	48.11 2.92 -0.35	49.33 3.31 -0.46	93.04 6.46 -0.03	83.44 6.29 -0.17	87.00 6.74 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.76 4.86 0.00
GOWANUS_GT1_8 24113	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.83 1.70 0.00	29.51 1.60 0.00	36.12 1.83 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.83 2.17 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.62 2.57 -0.13	48.11 2.92 -0.35	49.33 3.31 -0.46	93.04 6.46 -0.03	83.44 6.29 -0.17	87.00 6.74 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.76 4.86 0.00
GOWANUS_GT2_1 24114	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
GOWANUS_GT2_2 24115	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
GOWANUS_GT2_3 24116	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
GOWANUS_GT2_4 24117	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
GOWANUS_GT2_5 24118	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00

GOWANUS_GT2_6 24119	33.43 <span>1.81</span> <span>0.00</span>	27.60 <span>1.80</span> <span>0.00</span>	23.33 <span>1.70</span> <span>0.00</span>	24.99 <span>1.80</span> <span>0.00</span>	27.84 <span>1.70</span> <span>0.00</span>	29.51 <span>1.60</span> <span>0.00</span>	36.12 <span>1.82</span> <span>0.00</span>	28.94 <span>1.64</span> <span>0.00</span>	30.00 <span>1.61</span> <span>0.00</span>	41.82 <span>2.16</span> <span>0.00</span>	40.71 <span>2.43</span> <span>0.00</span>	41.08 <span>2.43</span> <span>0.00</span>	42.25 <span>2.42</span> <span>0.00</span>	45.63 <span>2.58</span> <span>-0.13</span>	48.11 <span>2.91</span> <span>-0.35</span>	49.33 <span>3.31</span> <span>-0.46</span>	93.03 <span>6.46</span> <span>-0.03</span>	83.43 <span>6.28</span> <span>-0.17</span>	87.00 <span>6.75</span> <span>0.00</span>	78.86 <span>6.27</span> <span>0.00</span>	80.16 <span>5.70</span> <span>0.00</span>	84.25 <span>6.06</span> <span>0.00</span>	80.43 <span>4.93</span> <span>0.00</span>	72.75 <span>4.84</span> <span>0.00</span>
GOWANUS_GT2_7 24120	33.43 <span>1.81</span> <span>0.00</span>	27.60 <span>1.80</span> <span>0.00</span>	23.33 <span>1.70</span> <span>0.00</span>	24.99 <span>1.80</span> <span>0.00</span>	27.84 <span>1.70</span> <span>0.00</span>	29.51 <span>1.60</span> <span>0.00</span>	36.12 <span>1.82</span> <span>0.00</span>	28.94 <span>1.64</span> <span>0.00</span>	30.00 <span>1.61</span> <span>0.00</span>	41.82 <span>2.16</span> <span>0.00</span>	40.71 <span>2.43</span> <span>0.00</span>	41.08 <span>2.43</span> <span>0.00</span>	42.25 <span>2.42</span> <span>0.00</span>	45.63 <span>2.58</span> <span>-0.13</span>	48.11 <span>2.91</span> <span>-0.35</span>	49.33 <span>3.31</span> <span>-0.46</span>	93.03 <span>6.46</span> <span>-0.03</span>	83.43 <span>6.28</span> <span>-0.17</span>	87.00 <span>6.75</span> <span>0.00</span>	78.86 <span>6.27</span> <span>0.00</span>	80.16 <span>5.70</span> <span>0.00</span>	84.25 <span>6.06</span> <span>0.00</span>	80.43 <span>4.93</span> <span>0.00</span>	72.75 <span>4.84</span> <span>0.00</span>
GOWANUS_GT2_8 24121	33.43 <span>1.81</span> <span>0.00</span>	27.60 <span>1.80</span> <span>0.00</span>	23.33 <span>1.70</span> <span>0.00</span>	24.99 <span>1.80</span> <span>0.00</span>	27.84 <span>1.70</span> <span>0.00</span>	29.51 <span>1.60</span> <span>0.00</span>	36.12 <span>1.82</span> <span>0.00</span>	28.94 <span>1.64</span> <span>0.00</span>	30.00 <span>1.61</span> <span>0.00</span>	41.82 <span>2.16</span> <span>0.00</span>	40.71 <span>2.43</span> <span>0.00</span>	41.08 <span>2.43</span> <span>0.00</span>	42.25 <span>2.42</span> <span>0.00</span>	45.63 <span>2.58</span> <span>-0.13</span>	48.11 <span>2.91</span> <span>-0.35</span>	49.33 <span>3.31</span> <span>-0.46</span>	93.03 <span>6.46</span> <span>-0.03</span>	83.43 <span>6.28</span> <span>-0.17</span>	87.00 <span>6.75</span> <span>0.00</span>	78.86 <span>6.27</span> <span>0.00</span>	80.16 <span>5.70</span> <span>0.00</span>	84.25 <span>6.06</span> <span>0.00</span>	80.43 <span>4.93</span> <span>0.00</span>	72.75 <span>4.84</span> <span>0.00</span>
GOWANUS_GT3_1 24122	33.43 <span>1.81</span> <span>0.00</span>	27.60 <span>1.80</span> <span>0.00</span>	23.33 <span>1.70</span> <span>0.00</span>	24.99 <span>1.80</span> <span>0.00</span>	27.84 <span>1.70</span> <span>0.00</span>	29.51 <span>1.60</span> <span>0.00</span>	36.12 <span>1.82</span> <span>0.00</span>	28.94 <span>1.64</span> <span>0.00</span>	30.00 <span>1.61</span> <span>0.00</span>	41.82 <span>2.16</span> <span>0.00</span>	40.71 <span>2.43</span> <span>0.00</span>	41.08 <span>2.43</span> <span>0.00</span>	42.25 <span>2.42</span> <span>0.00</span>	45.63 <span>2.58</span> <span>-0.13</span>	48.11 <span>2.91</span> <span>-0.35</span>	49.33 <span>3.31</span> <span>-0.46</span>	93.03 <span>6.46</span> <span>-0.03</span>	83.43 <span>6.28</span> <span>-0.17</span>	87.00 <span>6.75</span> <span>0.00</span>	78.86 <span>6.27</span> <span>0.00</span>	80.16 <span>5.70</span> <span>0.00</span>	84.25 <span>6.06</span> <span>0.00</span>	80.43 <span>4.93</span> <span>0.00</span>	72.75 <span>4.84</span> <span>0.00</span>
GOWANUS_GT3_2 24123	33.43 <span>1.81</span> <span>0.00</span>	27.60 <span>1.80</span> <span>0.00</span>	23.33 <span>1.70</span> <span>0.00</span>	24.99 <span>1.80</span> <span>0.00</span>	27.84 <span>1.70</span> <span>0.00</span>	29.51 <span>1.60</span> <span>0.00</span>	36.12 <span>1.82</span> <span>0.00</span>	28.94 <span>1.64</span> <span>0.00</span>	30.00 <span>1.61</span> <span>0.00</span>	41.82 <span>2.16</span> <span>0.00</span>	40.71 <span>2.43</span> <span>0.00</span>	41.08 <span>2.43</span> <span>0.00</span>	42.25 <span>2.42</span> <span>0.00</span>	45.63 <span>2.58</span> <span>-0.13</span>	48.11 <span>2.91</span> <span>-0.35</span>	49.33 <span>3.31</span> <span>-0.46</span>	93.03 <span>6.46</span> <span>-0.03</span>	83.43 <span>6.28</span> <span>-0.17</span>	87.00 <span>6.75</span> <span>0.00</span>	78.86 <span>6.27</span> <span>0.00</span>	80.16 <span>5.70</span> <span>0.00</span>	84.25 <span>6.06</span> <span>0.00</span>	80.43 <span>4.93</span> <span>0.00</span>	72.75 <span>4.84</span> <span>0.00</span>
GOWANUS_GT3_3 24124	33.43 <span>1.81</span> <span>0.00</span>	27.60 <span>1.80</span> <span>0.00</span>	23.33 <span>1.70</span> <span>0.00</span>	24.99 <span>1.80</span> <span>0.00</span>	27.84 <span>1.70</span> <span>0.00</span>	29.51 <span>1.60</span> <span>0.00</span>	36.12 <span>1.82</span> <span>0.00</span>	28.94 <span>1.64</span> 																

GOWANUS_GT4_5 24134	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.83 1.70 0.00	29.51 1.60 0.00	36.12 1.83 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.83 2.17 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.62 2.57 -0.13	48.11 2.92 -0.35	49.33 3.31 -0.46	93.04 6.46 -0.03	83.44 6.29 -0.17	87.00 6.74 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.76 4.86 0.00
GOWANUS_GT4_6 24135	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.83 1.70 0.00	29.51 1.60 0.00	36.12 1.83 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.83 2.17 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.62 2.57 -0.13	48.11 2.92 -0.35	49.33 3.31 -0.46	93.04 6.46 -0.03	83.44 6.29 -0.17	87.00 6.74 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.76 4.86 0.00
GOWANUS_GT4_7 24136	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.83 1.70 0.00	29.51 1.60 0.00	36.12 1.83 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.83 2.17 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.62 2.57 -0.13	48.11 2.92 -0.35	49.33 3.31 -0.46	93.04 6.46 -0.03	83.44 6.29 -0.17	87.00 6.74 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.76 4.86 0.00
GOWANUS_GT4_8 24137	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.83 1.70 0.00	29.51 1.60 0.00	36.12 1.83 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.83 2.17 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.62 2.57 -0.13	48.11 2.92 -0.35	49.33 3.31 -0.46	93.04 6.46 -0.03	83.44 6.29 -0.17	87.00 6.74 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.76 4.86 0.00
GREATVR_69_KV_BK1 356245	34.06 2.43 0.00	28.10 2.31 0.00	23.66 2.03 0.00	25.21 2.02 0.00	28.15 2.01 0.00	29.91 1.99 0.00	36.62 2.32 0.00	29.36 2.06 0.00	30.45 2.06 0.00	42.26 2.60 0.00	41.36 3.08 0.00	42.02 3.38 0.00	42.78 2.95 0.00	45.89 2.84 -0.13	48.31 3.12 -0.35	50.29 4.26 -0.46	95.72 9.14 -0.03	85.63 8.48 -0.17	89.57 9.31 0.00	80.82 8.22 0.00	81.54 7.08 0.00	85.59 7.40 0.00	81.10 5.59 0.00	73.39 5.49 0.00
GREENBSH_115KV_TB3 55895	31.88 0.26 0.00	26.19 0.40 0.00	22.14 0.51 0.00	23.80 0.61 0.00	26.65 0.52 0.00	28.38 0.46 0.00	34.70 0.40 0.00	27.55 0.25 0.00	28.58 0.19 0.00	39.75 0.09 0.00	38.39 0.11 0.00	38.72 0.08 0.00	39.83 0.00 0.00	42.77 -0.03 0.12	44.61 0.10 0.33	45.47 0.36 0.44	87.47 0.95 0.03	78.01 1.20 0.17	81.75 1.49 0.00	74.18 1.58 0.00	75.79 1.34 0.00	79.74 1.56 0.00	76.49 0.98 0.00	68.89 0.98 0.00
GREENDGE_115KV_TB5 80291	31.79 0.16 0.00	25.69 -0.10 0.00	21.68 0.05 0.00	23.20 0.01 0.00	26.09 -0.04 0.00	27.77 -0.14 0.00	34.12 -0.18 0.00	27.28 -0.02 0.00	28.35 -0.03 0.00	40.14 0.48 0.00	38.65 0.37 0.00	43.86 0.22 -4.99	51.12 0.09 -11.20	56.79 0.48 -13.39	58.36 0.18 -13.34	56.00 -0.08 -10.51	114.62 -1.00 -29.07	79.29 -0.80 -3.11	80.27 0.02 0.00	73.40 0.80 0.00	75.29 0.83 0.00	78.66 0.47 0.00	75.74 0.23 0.00	68.15 0.25 0.00
GREENIDGE___3 23582	31.79 0.16 0.00	25.69 -0.10 0.00	21.68 0.05 0.00	23.20 0.01 0.00	26.09 -0.04 0.00	27.77 -0.14 0.00	34.12 -0.18 0.00	27.28 -0.02 0.00	28.35 -0.03 0.00	40.14 0.48 0.00	38.65 0.37 0.00	43.86 0.22 -4.99	51.12 0.09 -11.20	56.79 0.48 -13.39	58.36 0.18 -13.34	56.00 -0.08 -10.51	114.62 -1.00 -29.07	79.29 -0.80 -3.11	80.27 0.02 0.00	73.40 0.80 0.00	75.29 0.83 0.00	78.66 0.47 0.00	75.74 0.23 0.00	68.15 0.25 0.00
GREENIDGE___4 23583	31.79 0.16 0.00	25.69 -0.10 0.00	21.68 0.05 0.00	23.20 0.01 0.00	26.09 -0.04 0.00	27.77 -0.14 0.00	34.12 -0.17 0.00	27.28 -0.02 0.00	28.35 -0.03 0.00	40.14 0.48 0.00	38.65 0.36 0.00	43.86 0.22 -4.99	51.12 0.08 -11.20	56.79 0.48 -13.39	58.36 0.18 -13.34	55.97 -0.11 -10.51	114.62 -1.00 -29.07	79.28 -0.81 -3.11	80.26 0.01 0.00	73.40 0.80 0.00	75.28 0.82 0.00	78.69 0.50 0.00	75.75 0.24 0.00	68.15 0.25 0.00
GREENLWN_69_KV_BK 3 55738	33.35 1.73 0.00	27.51 1.72 0.00	23.20 1.57 0.00	24.76 1.57 0.00	27.66 1.52 0.00	29.37 1.46 0.00	35.90 1.61 0.00	28.70 1.40 0.00	29.73 1.34 0.00	41.29 1.63 0.00	40.39 2.11 0.00	41.02 2.38 0.00	41.81 1.98 0.00	44.93 1.88 -0.13	47.23 2.04 -0.35	48.97 2.94 -0.46	92.99 6.41 -0.03	83.24 6.09 -0.17	86.89 6.64 0.00	78.50 5.91 0.00	79.40 4.94 0.00	83.39 5.20 0.00	79.07 3.57 0.00	71.43 3.52 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.83 1.70 0.00	29.51 1.60 0.00	36.12 1.83 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.83 2.17 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.62 2.57 -0.13	48.11 2.92 -0.35	49.33 3.31 -0.46	93.04 6.46 -0.03	83.44 6.29 -0.17	87.00 6.74 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.76 4.86 0.00
GRISSOM___SOLAR 323813	33.19 1.57 0.00	27.04 1.24 0.00	22.74 1.11 0.00	24.38 1.19 0.00	27.42 1.29 0.00	29.25 1.34 0.00	35.95 1.65 0.00	28.56 1.26 0.00	29.58 1.19 0.00	40.95 1.29 0.00	39.44 1.16 0.00	39.69 1.04 0.00	40.90 1.06 0.00	43.77 0.99 0.14	44.91 0.45 0.38	45.24 0.18 0.51	87.46 0.94 0.03	78.92 2.14 0.19	83.47 3.22 0.00	76.86 4.26 0.00	79.41 4.95 0.00	83.31 5.12 0.00	80.08 4.57 0.00	71.85 3.95 0.00
GROVEVILLE___HYD 323602	33.34 1.72 0.00	27.44 1.64 0.00	23.20 1.57 0.00	24.89 1.70 0.00	27.79 1.65 0.00	29.52 1.61 0.00	36.13 1.83 0.00	28.84 1.53 0.00	29.94 1.55 0.00	41.78 2.12 0.00	40.53 2.25 0.00	40.86 2.22 0.00	41.94 2.11 0.00	45.31 2.30 -0.09	47.70 2.62 -0.24	49.01 3.13 -0.32	93.06 6.49 -0.02	83.39 6.30 -0.12	87.05 6.79 0.00	78.91 6.31 0.00	80.32 5.86 0.00	84.40 6.21 0.00	80.53 5.02 0.00	72.50 4.60 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.61 -0.01 0.00	25.75 -0.05 0.00	21.69 0.05 0.00	23.26 0.07 0.00	26.13 0.00 0.00	27.87 -0.05 0.00	34.17 -0.13 0.00	27.22 -0.08 0.00	28.25 -0.14 0.00	39.53 -0.13 0.00	38.24 -0.04 0.00	38.59 -0.05 0.00	39.81 -0.02 0.00	43.12 0.19 0.00	45.00 0.13 -0.02	45.70 0.13 0.00	88.91 0.08 -2.27	77.82 0.18 -0.66	80.88 0.35 -0.27	73.20 0.60 0.00	75.77 0.40 -0.92	80.00 0.24 -1.57	75.75 -0.14 -0.39	67.84 -0.13 -0.06
HAMLTNNY_34_KV_TB 80303	31.86 0.23 0.00	25.89 0.10 0.00	21.77 0.14 0.00	23.35 0.16 0.00	26.23 0.10 0.00	27.95 0.03 0.00	34.26 -0.04 0.00	27.31 0.00 0.00	28.39 0.00 0.00	39.83 0.17 0.00	38.54 0.25 0.00	39.52 0.30 -0.58	41.47 0.34 -1.30	45.10 0.63 -1.55	46.91 0.50 -1.56	47.14 0.50 -1.08	89.07 0.39 -2.13	77.96 0.36 -0.62	81.01 0.50 -0.25	73.39 0.79 0.00	75.97 0.65 -0.87	80.13 0.47 -1.47	75.99 0.12 -0.36	68.05 0.08 -0.06

HAMPSHIRE___PAPER_HYD 323593	31.37 -0.25 0.00	25.38 -0.41 0.00	21.13 -0.50 0.00	22.65 -0.54 0.00	25.78 -0.36 0.00	27.63 -0.29 0.00	34.08 -0.22 0.00	27.26 -0.05 0.00	28.37 -0.02 0.00	39.67 0.00 0.00	37.98 -0.30 0.00	38.27 -0.37 0.00	39.50 -0.33 0.00	42.46 -0.46 0.00	44.70 -0.15 -0.01	44.91 -0.66 0.00	85.90 -1.51 -0.87	76.09 -1.14 -0.25	80.29 -0.07 -0.10	72.84 0.24 0.00	75.93 1.12 -0.35	80.15 1.37 -0.60	77.30 1.65 -0.15	68.96 1.04 -0.03
HARDSCRABBLE_WT_PWR 323673	31.70 0.07 0.00	26.11 0.32 0.00	22.10 0.47 0.00	23.82 0.63 0.00	26.70 0.56 0.00	28.42 0.50 0.00	34.77 0.48 0.00	27.58 0.27 0.00	28.55 0.16 0.00	39.55 -0.12 0.00	38.13 -0.15 0.00	38.34 -0.30 0.00	39.30 -0.54 0.00	42.31 -0.61 0.00	43.99 -0.85 0.00	44.93 -0.63 0.00	86.18 -0.37 0.00	77.59 0.61 0.00	81.40 1.14 0.00	74.77 2.17 0.00	76.44 1.98 0.00	80.20 2.01 0.00	76.54 1.03 0.00	68.86 0.95 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.27 1.65 0.00	27.37 1.58 0.00	23.14 1.51 0.00	24.81 1.62 0.00	27.71 1.58 0.00	29.43 1.51 0.00	36.03 1.73 0.00	28.77 1.46 0.00	29.85 1.47 0.00	41.65 1.99 0.00	40.46 2.18 0.00	40.80 2.15 0.00	41.92 2.09 0.00	45.36 2.32 -0.12	47.81 2.66 -0.31	49.14 3.16 -0.42	93.06 6.48 -0.03	83.40 6.27 -0.16	86.92 6.67 0.00	78.78 6.18 0.00	80.16 5.70 0.00	84.18 6.00 0.00	80.37 4.86 0.00	72.37 4.47 0.00
HARSNRAD_115KV_TB1 81005	31.84 0.22 0.00	25.43 -0.36 0.00	21.26 -0.38 0.00	22.75 -0.44 0.00	25.63 -0.50 0.00	27.09 -0.82 0.00	33.34 -0.96 0.00	26.79 -0.51 0.00	28.22 -0.16 0.00	40.60 0.93 0.00	39.07 0.79 0.00	40.64 0.86 -1.14	43.43 1.04 -2.56	47.29 1.32 -3.06	48.42 0.53 -3.05	46.71 -0.29 -1.44	67.43 -2.15 16.96	73.13 -2.03 1.82	78.15 -2.11 0.00	70.24 -2.35 0.00	72.00 -2.45 0.00	75.28 -2.92 0.00	73.51 -1.99 0.00	66.36 -1.54 0.00
HARZA MOOSE___RIVER 24016	31.56 -0.07 0.00	25.67 -0.13 0.00	21.51 -0.12 0.00	23.14 -0.05 0.00	26.24 0.10 0.00	27.99 0.08 0.00	34.40 0.11 0.00	27.43 0.13 0.00	28.45 0.06 0.00	39.82 0.16 0.00	38.41 0.13 0.00	38.70 0.06 0.00	39.93 0.10 0.00	43.03 0.11 0.00	45.17 0.32 0.00	45.64 0.07 0.00	86.90 -0.25 -0.60	77.20 0.05 -0.17	81.61 1.28 -0.07	74.33 1.73 0.00	76.88 2.18 -0.24	81.15 2.55 -0.41	78.00 2.39 -0.10	69.64 1.72 -0.02
HDSNBRDG_115KV_BRDG_TB1 355580	31.44 -0.18 0.00	25.62 -0.18 0.00	21.58 -0.05 0.00	23.14 -0.05 0.00	26.01 -0.13 0.00	27.71 -0.20 0.00	33.99 -0.31 0.00	27.06 -0.24 0.00	28.08 -0.31 0.00	39.31 -0.35 0.00	38.05 -0.23 0.00	38.40 -0.24 0.00	39.61 -0.23 0.00	42.85 -0.06 0.00	44.70 -0.15 0.00	45.43 -0.14 0.00	86.08 -0.47 0.00	76.69 -0.28 0.00	80.12 -0.13 0.00	72.69 0.10 0.00	74.31 -0.14 0.00	77.88 -0.30 0.00	74.86 -0.65 0.00	67.34 -0.56 0.00
HELLGATE_13_KV_LD 55870	33.64 2.02 0.00	27.78 1.99 0.00	23.48 1.85 0.00	25.16 1.97 0.00	28.02 1.89 0.00	29.70 1.79 0.00	36.34 2.04 0.00	29.13 1.83 0.00	30.17 1.78 0.00	42.04 2.37 0.00	40.93 2.65 0.00	41.32 2.68 0.00	42.51 2.68 0.00	45.94 2.89 -0.13	48.44 3.25 -0.35	49.73 3.70 -0.46	93.79 7.21 -0.03	84.08 6.93 -0.17	87.62 7.37 0.00	79.38 6.78 0.00	80.70 6.24 0.00	84.85 6.66 0.00	80.99 5.48 0.00	73.15 5.25 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.64 2.02 0.00	27.78 1.99 0.00	23.48 1.85 0.00	25.16 1.97 0.00	28.02 1.89 0.00	29.70 1.79 0.00	36.34 2.04 0.00	29.13 1.83 0.00	30.17 1.78 0.00	42.04 2.37 0.00	40.93 2.65 0.00	41.32 2.68 0.00	42.51 2.68 0.00	45.94 2.89 -0.13	48.44 3.25 -0.35	49.73 3.70 -0.46	93.79 7.21 -0.03	84.08 6.93 -0.17	87.62 7.37 0.00	79.38 6.78 0.00	80.70 6.24 0.00	84.85 6.66 0.00	80.99 5.48 0.00	73.15 5.25 0.00
HEMPSTEAD____ 23647	33.45 1.83 0.00	27.57 1.77 0.00	23.26 1.63 0.00	24.86 1.68 0.00	27.77 1.63 0.00	29.48 1.57 0.00	36.07 1.77 0.00	28.88 1.57 0.00	29.92 1.53 0.00	41.62 1.96 0.00	40.63 2.35 0.00	41.17 2.53 0.00	42.07 2.24 0.00	45.33 2.28 -0.13	47.77 2.58 -0.35	49.29 3.26 -0.46	93.37 6.79 -0.03	83.48 6.34 -0.17	87.10 6.85 0.00	78.80 6.20 0.00	79.85 5.39 0.00	83.99 5.80 0.00	79.91 4.40 0.00	72.22 4.32 0.00
HICKLING___1 23621	31.57 -0.05 0.00	25.49 -0.30 0.00	21.65 0.02 0.00	23.14 -0.05 0.00	26.01 -0.12 0.00	27.69 -0.23 0.00	34.00 -0.30 0.00	27.18 -0.12 0.00	28.24 -0.15 0.00	40.12 0.46 0.00	38.54 0.26 0.00	34.78 0.15 4.02	30.89 0.07 9.01	32.81 0.66 10.77	34.41 0.30 10.73	38.56 0.05 7.05	97.58 -0.08 -11.11	78.00 -0.16 -1.19	80.44 0.19 0.00	73.18 0.59 0.00	75.16 0.70 0.00	78.87 0.68 0.00	75.77 0.27 0.00	68.30 0.39 0.00
HICKLING___2 23622	31.57 -0.05 0.00	25.49 -0.30 0.00	21.65 0.02 0.00	23.14 -0.05 0.00	26.01 -0.12 0.00	27.69 -0.23 0.00	34.00 -0.30 0.00	27.18 -0.12 0.00	28.24 -0.15 0.00	40.12 0.46 0.00	38.54 0.26 0.00	34.78 0.15 4.02	30.89 0.07 9.01	32.81 0.66 10.77	34.41 0.30 10.73	38.56 0.05 7.05	97.58 -0.08 -11.11	78.00 -0.16 -1.19	80.44 0.19 0.00	73.18 0.59 0.00	75.16 0.70 0.00	78.87 0.68 0.00	75.77 0.27 0.00	68.30 0.39 0.00
HIGH FALLS___HY 23754	33.29 1.67 0.00	27.34 1.55 0.00	23.12 1.49 0.00	24.80 1.61 0.00	27.69 1.55 0.00	29.41 1.49 0.00	36.01 1.71 0.00	28.84 1.54 0.00	29.95 1.56 0.00	41.83 2.16 0.00	40.53 2.24 0.00	40.79 2.15 0.00	41.71 1.88 0.00	45.03 2.04 -0.06	47.42 2.41 -0.17	48.78 2.99 -0.23	93.05 6.48 -0.01	83.62 6.56 -0.08	87.40 7.14 0.00	79.29 6.70 0.00	80.57 6.11 0.00	84.65 6.46 0.00	80.75 5.24 0.00	72.66 4.76 0.00
HIGH_RIVER___SOLAR 323847	32.67 1.05 0.00	26.71 0.92 0.00	22.51 0.88 0.00	24.16 0.97 0.00	27.14 1.00 0.00	28.94 1.03 0.00	35.48 1.19 0.00	28.14 0.83 0.00	29.12 0.73 0.00	40.35 0.69 0.00	38.87 0.59 0.00	39.16 0.52 0.00	40.44 0.61 0.00	43.40 0.63 0.15	44.92 0.48 0.41	45.30 0.28 0.54	87.36 0.84 0.03	78.42 1.65 0.20	82.75 2.50 0.00	75.73 3.14 0.00	77.86 3.40 0.00	81.78 3.59 0.00	78.58 3.07 0.00	70.66 2.76 0.00
HILLBURN___GT 23639	33.22 1.60 0.00	27.34 1.55 0.00	23.11 1.48 0.00	24.78 1.59 0.00	27.66 1.53 0.00	29.37 1.46 0.00	35.97 1.67 0.00	28.74 1.43 0.00	29.83 1.44 0.00	41.61 1.95 0.00	40.43 2.14 0.00	40.77 2.12 0.00	41.90 2.07 0.00	45.31 2.27 -0.12	47.74 2.57 -0.32	49.03 3.04 -0.43	92.72 6.14 -0.03	83.00 5.87 -0.16	86.48 6.22 0.00	78.41 5.81 0.00	79.78 5.32 0.00	83.81 5.63 0.00	80.04 4.53 0.00	72.13 4.23 0.00
HILLSIDE_115KV_TB1 80332	31.30 -0.32 0.00	25.32 -0.47 0.00	21.55 -0.08 0.00	23.01 -0.17 0.00	25.87 -0.27 0.00	27.52 -0.40 0.00	33.75 -0.54 0.00	26.97 -0.34 0.00	28.01 -0.37 0.00	39.66 0.00 0.00	38.08 -0.20 0.00	35.92 -0.26 2.47	33.93 -0.37 5.54	36.50 0.19 6.62	38.07 -0.17 6.60	40.97 -0.34 4.26	94.42 -0.79 -8.66	77.14 -0.76 -0.93	79.59 -0.66 0.00	72.30 -0.30 0.00	74.17 -0.29 0.00	77.84 -0.35 0.00	74.64 -0.86 0.00	67.24 -0.66 0.00

HISHELDN_WT_PWR 323625	31.14 -0.48 0.00	24.94 -0.86 0.00	20.96 -0.67 0.00	22.49 -0.70 0.00	25.27 -0.86 0.00	26.81 -1.11 0.00	32.98 -1.31 0.00	26.51 -0.79 0.00	27.77 -0.62 0.00	39.91 0.25 0.00	38.33 0.05 0.00	16.09 -0.08 22.47	-10.57 0.03 50.44	-14.40 0.33 57.65	-13.14 -0.47 57.52	-0.53 -1.38 44.71	16.65 -3.51 66.39	66.84 -3.03 7.11	77.50 -2.76 0.00	70.26 -2.34 0.00	72.54 -1.91 0.00	76.30 -1.89 0.00	74.26 -1.25 0.00	67.09 -0.81 0.00
HOLTSVILLE_IC_1 23690	33.56 1.94 0.00	27.76 1.97 0.00	23.36 1.73 0.00	24.87 1.69 0.00	27.79 1.65 0.00	29.52 1.61 0.00	36.12 1.83 0.00	28.97 1.67 0.00	30.00 1.61 0.00	41.52 1.85 0.00	40.63 2.35 0.00	41.26 2.61 0.00	42.02 2.19 0.00	45.05 2.00 -0.13	47.37 2.17 -0.35	49.29 3.26 -0.46	93.86 7.28 -0.03	83.98 6.83 -0.17	87.83 7.58 0.00	79.29 6.70 0.00	80.08 5.63 0.00	84.16 5.97 0.00	79.68 4.18 0.00	72.01 4.11 0.00
HOLTSVILLE_IC_10 23699	33.69 2.07 0.00	27.87 2.08 0.00	23.44 1.81 0.00	24.94 1.76 0.00	27.88 1.74 0.00	29.62 1.70 0.00	36.25 1.95 0.00	29.09 1.79 0.00	30.14 1.75 0.00	41.73 2.07 0.00	40.85 2.57 0.00	41.49 2.85 0.00	42.26 2.43 0.00	45.31 2.26 -0.13	47.67 2.47 -0.35	49.64 3.61 -0.46	94.60 8.02 -0.03	84.67 7.52 -0.17	88.57 8.31 0.00	79.92 7.32 0.00	80.69 6.23 0.00	84.82 6.63 0.00	80.25 4.75 0.00	72.46 4.56 0.00
HOLTSVILLE_IC_2 23691	33.56 1.94 0.00	27.76 1.97 0.00	23.36 1.73 0.00	24.87 1.69 0.00	27.79 1.65 0.00	29.52 1.61 0.00	36.12 1.83 0.00	28.97 1.67 0.00	30.00 1.61 0.00	41.52 1.85 0.00	40.63 2.35 0.00	41.26 2.61 0.00	42.02 2.19 0.00	45.05 2.00 -0.13	47.37 2.17 -0.35	49.29 3.26 -0.46	93.86 7.28 -0.03	83.98 6.83 -0.17	87.83 7.58 0.00	79.29 6.70 0.00	80.08 5.63 0.00	84.16 5.97 0.00	79.68 4.18 0.00	72.01 4.11 0.00
HOLTSVILLE_IC_3 23692	33.56 1.94 0.00	27.76 1.97 0.00	23.36 1.73 0.00	24.87 1.69 0.00	27.79 1.65 0.00	29.52 1.61 0.00	36.12 1.83 0.00	28.97 1.67 0.00	30.00 1.61 0.00	41.52 1.85 0.00	40.63 2.35 0.00	41.26 2.61 0.00	42.02 2.19 0.00	45.05 2.00 -0.13	47.37 2.17 -0.35	49.29 3.26 -0.46	93.86 7.28 -0.03	83.98 6.83 -0.17	87.83 7.58 0.00	79.29 6.70 0.00	80.08 5.63 0.00	84.16 5.97 0.00	79.68 4.18 0.00	72.01 4.11 0.00
HOLTSVILLE_IC_4 23693	33.56 1.94 0.00	27.76 1.97 0.00	23.36 1.73 0.00	24.87 1.69 0.00	27.79 1.65 0.00	29.52 1.61 0.00	36.12 1.83 0.00	28.97 1.67 0.00	30.00 1.61 0.00	41.52 1.85 0.00	40.63 2.35 0.00	41.26 2.61 0.00	42.02 2.19 0.00	45.05 2.00 -0.13	47.37 2.17 -0.35	49.29 3.26 -0.46	93.86 7.28 -0.03	83.98 6.83 -0.17	87.83 7.58 0.00	79.29 6.70 0.00	80.08 5.63 0.00	84.16 5.97 0.00	79.68 4.18 0.00	72.01 4.11 0.00
HOLTSVILLE_IC_5 23694	33.56 1.94 0.00	27.76 1.97 0.00	23.36 1.73 0.00	24.87 1.69 0.00	27.79 1.65 0.00	29.52 1.61 0.00	36.12 1.83 0.00	28.97 1.67 0.00	30.00 1.61 0.00	41.52 1.85 0.00	40.63 2.35 0.00	41.26 2.61 0.00	42.02 2.19 0.00	45.05 2.00 -0.13	47.37 2.17 -0.35	49.29 3.26 -0.46	93.86 7.28 -0.03	83.98 6.83 -0.17	87.83 7.58 0.00	79.29 6.70 0.00	80.08 5.63 0.00	84.16 5.97 0.00	79.68 4.18 0.00	72.01 4.11 0.00
HOLTSVILLE_IC_6 23695	33.69 2.07 0.00	27.87 2.08 0.00	23.44 1.81 0.00	24.94 1.76 0.00	27.88 1.74 0.00	29.62 1.70 0.00	36.25 1.95 0.00	29.09 1.79 0.00	30.14 1.75 0.00	41.73 2.07 0.00	40.85 2.57 0.00	41.49 2.85 0.00	42.26 2.43 0.00	45.31 2.26 -0.13	47.67 2.47 -0.35	49.64 3.61 -0.46	94.60 8.02 -0.03	84.67 7.52 -0.17	88.57 8.31 0.00	79.92 7.32 0.00	80.69 6.23 0.00	84.82 6.63 0.00	80.25 4.75 0.00	72.46 4.56 0.00
HOLTSVILLE_IC_7 23696	33.69 2.07 0.00	27.87 2.08 0.00	23.44 1.81 0.00	24.94 1.76 0.00	27.88 1.74 0.00	29.62 1.70 0.00	36.25 1.95 0.00	29.09 1.79 0.00	30.14 1.75 0.00	41.73 2.07 0.00	40.85 2.57 0.00	41.49 2.85 0.00	42.26 2.43 0.00	45.31 2.26 -0.13	47.67 2.47 -0.35	49.64 3.61 -0.46	94.60 8.02 -0.03	84.67 7.52 -0.17	88.57 8.31 0.00	79.92 7.32 0.00	80.69 6.23 0.00	84.82 6.63 0.00	80.25 4.75 0.00	72.46 4.56 0.00
HOLTSVILLE_IC_8 23697	33.69 2.07 0.00	27.87 2.08 0.00	23.44 1.81 0.00	24.94 1.76 0.00	27.88 1.74 0.00	29.62 1.70 0.00	36.25 1.95 0.00	29.09 1.79 0.00	30.14 1.75 0.00	41.73 2.07 0.00	40.85 2.57 0.00	41.49 2.85 0.00	42.26 2.43 0.00	45.31 2.26 -0.13	47.67 2.47 -0.35	49.64 3.61 -0.46	94.60 8.02 -0.03	84.67 7.52 -0.17	88.57 8.31 0.00	79.92 7.32 0.00	80.69 6.23 0.00	84.82 6.63 0.00	80.25 4.75 0.00	72.46 4.56 0.00
HOLTSVILLE_IC_9 23698	33.69 2.07 0.00	27.87 2.08 0.00	23.44 1.81 0.00	24.94 1.76 0.00	27.88 1.74 0.00	29.62 1.70 0.00	36.25 1.95 0.00	29.09 1.79 0.00	30.14 1.75 0.00	41.73 2.07 0.00	40.85 2.57 0.00	41.49 2.85 0.00	42.26 2.43 0.00	45.31 2.26 -0.13	47.67 2.47 -0.35	49.64 3.61 -0.46	94.60 8.02 -0.03	84.67 7.52 -0.17	88.57 8.31 0.00	79.92 7.32 0.00	80.69 6.23 0.00	84.82 6.63 0.00	80.25 4.75 0.00	72.46 4.56 0.00
HOMER_HL_115KV_TB2 355744	31.84 0.22 0.00	25.56 -0.23 0.00	21.61 -0.02 0.00	23.15 -0.04 0.00	26.02 -0.11 0.00	27.55 -0.36 0.00	33.91 -0.38 0.00	27.26 -0.04 0.00	28.57 0.18 0.00	40.78 1.12 0.00	38.98 0.70 0.00	41.34 0.43 -2.27	45.36 0.43 -5.10	50.04 1.03 -6.09	51.17 0.26 -6.07	49.29 -0.37 -4.10	81.57 -1.38 3.61	74.91 -1.68 0.39	78.54 -1.71 0.00	71.29 -1.30 0.00	73.38 -1.08 0.00	77.22 -0.97 0.00	74.45 -1.06 0.00	67.13 -0.77 0.00
HOWARD_WT_PWR 323690	30.70 -0.92 0.00	24.63 -1.17 0.00	20.89 -0.75 0.00	22.34 -0.85 0.00	25.19 -0.95 0.00	26.80 -1.11 0.00	32.94 -1.35 0.00	26.52 -0.79 0.00	27.63 -0.76 0.00	39.71 0.04 0.00	38.14 -0.14 0.00	51.08 -0.52 -12.96	68.36 -0.55 -29.08	77.71 0.03 -34.76	78.94 -0.53 -34.63	70.70 -1.58 -26.72	145.56 -2.33 -61.34	81.28 -2.26 -6.57	78.60 -1.65 0.00	71.97 -0.62 0.00	74.16 -0.30 0.00	78.13 -0.06 0.00	75.82 0.31 0.00	68.59 0.69 0.00
HQ_GEN_CEDARS 23644	31.73 0.11 0.00	25.62 -0.18 0.00	21.24 -0.39 0.00	22.63 -0.56 0.00	25.69 -0.44 0.00	27.68 -0.23 0.00	34.30 0.00 0.00	27.44 0.13 0.00	28.71 0.33 0.00	40.06 0.40 0.00	38.33 0.05 0.00	38.73 0.08 0.00	40.01 0.17 0.00	42.90 -0.02 0.00	44.97 0.13 0.00	45.39 -0.17 0.00	86.44 -0.11 0.00	76.87 -0.10 0.00	79.98 -0.28 0.00	71.96 -0.63 0.00	74.57 0.11 0.00	78.13 -0.07 0.00	76.16 0.64 0.00	68.00 0.09 0.00
HQ_GEN_CEDARS_PROXY 323590	31.73 0.11 0.00	25.62 -0.18 0.00	20.10 -0.39 1.14	22.63 -0.55 0.00	25.69 -0.44 0.00	27.68 -0.23 0.00	34.95 0.00 -0.65	27.44 0.13 0.00	28.71 0.33 0.00	40.06 0.40 0.00	38.33 0.05 0.00	38.72 0.08 0.00	40.01 0.17 0.00	42.90 -0.02 0.00	44.97 0.13 0.00	45.42 -0.14 0.00	86.44 -0.11 0.00	76.89 -0.09 0.00	79.98 -0.28 0.00	71.96 -0.63 0.00	74.57 0.11 0.00	78.13 -0.06 0.00	76.15 0.65 0.00	69.27 0.09 -1.27

HQ_GEN_IMPORT 323601	31.61 -0.01 0.00	26.79 -0.12 -1.12	21.16 -0.27 0.20	22.83 -0.36 0.00	25.86 -0.28 0.00	27.73 -0.18 0.00	34.22 -0.08 0.00	27.32 0.02 0.00	28.47 0.09 0.00	39.81 0.15 0.00	37.95 0.03 0.36	38.69 0.05 0.00	40.06 0.11 -0.12	42.95 0.03 0.00	44.97 0.07 -0.06	45.52 -0.04 0.00	86.58 0.03 0.00	76.80 -0.17 0.00	79.85 0.00 0.00	71.92 -0.68 0.00	74.07 -0.39 0.00	77.72 -0.47 0.00	75.51 0.01 0.00	67.78 -0.13 0.00
HQ_GEN_WHEEL 23651	31.61 -0.01 0.00	26.79 -0.12 -1.12	21.16 -0.27 0.20	22.83 -0.36 0.00	25.86 -0.28 0.00	27.73 -0.18 0.00	34.22 -0.08 0.00	27.32 0.02 0.00	28.47 0.09 0.00	39.81 0.15 0.00	37.95 0.03 0.36	38.69 0.05 0.00	40.06 0.11 -0.12	42.95 0.03 0.00	44.97 0.07 -0.06	45.52 -0.04 0.00	86.58 0.03 0.00	76.80 -0.17 0.00	79.85 -0.40 0.00	71.92 -0.68 0.00	74.07 -0.39 0.00	77.72 -0.47 0.00	75.51 0.01 0.00	67.78 -0.13 0.00
HUDSON AVE_GT_3 23810	33.43 1.81 0.00	27.60 1.81 0.00	23.33 1.70 0.00	25.00 1.82 0.00	27.85 1.72 0.00	29.54 1.63 0.00	36.13 1.84 0.00	28.94 1.63 0.00	30.01 1.62 0.00	41.84 2.18 0.00	40.68 2.39 0.00	41.08 2.44 0.00	42.24 2.41 0.00	45.65 2.60 -0.13	48.13 2.94 -0.35	49.41 3.38 -0.46	93.33 6.75 -0.03	83.57 6.42 -0.17	87.10 6.84 0.00	78.91 6.31 0.00	80.23 5.77 0.00	84.33 6.14 0.00	80.51 5.01 0.00	72.71 4.81 0.00
HUDSON AVE_GT_4 23540	33.43 1.81 0.00	27.60 1.81 0.00	23.33 1.70 0.00	25.00 1.82 0.00	27.85 1.72 0.00	29.54 1.63 0.00	36.13 1.84 0.00	28.94 1.63 0.00	30.01 1.62 0.00	41.84 2.18 0.00	40.68 2.39 0.00	41.08 2.44 0.00	42.24 2.41 0.00	45.65 2.60 -0.13	48.13 2.94 -0.35	49.41 3.38 -0.46	93.33 6.75 -0.03	83.57 6.42 -0.17	87.10 6.84 0.00	78.91 6.31 0.00	80.23 5.77 0.00	84.33 6.14 0.00	80.51 5.01 0.00	72.71 4.81 0.00
HUDSON AVE_GT_5 23657	33.43 1.81 0.00	27.60 1.81 0.00	23.33 1.70 0.00	25.00 1.82 0.00	27.85 1.72 0.00	29.54 1.63 0.00	36.13 1.84 0.00	28.94 1.63 0.00	30.01 1.62 0.00	41.84 2.18 0.00	40.68 2.39 0.00	41.08 2.44 0.00	42.24 2.41 0.00	45.65 2.60 -0.13	48.13 2.94 -0.35	49.41 3.38 -0.46	93.33 6.75 -0.03	83.57 6.42 -0.17	87.10 6.84 0.00	78.91 6.31 0.00	80.23 5.77 0.00	84.33 6.14 0.00	80.51 5.01 0.00	72.71 4.81 0.00
HUDSON_AVE_10 24168	33.36 1.74 0.00	27.55 1.76 0.00	23.30 1.67 0.00	24.96 1.77 0.00	27.80 1.67 0.00	29.49 1.57 0.00	36.06 1.76 0.00	28.89 1.58 0.00	29.96 1.57 0.00	41.75 2.08 0.00	40.56 2.28 0.00	40.96 2.32 0.00	42.14 2.31 0.00	45.53 2.48 -0.13	48.02 2.83 -0.35	49.28 3.25 -0.46	93.08 6.50 -0.03	83.36 6.21 -0.17	86.86 6.60 0.00	78.71 6.11 0.00	80.01 5.56 0.00	84.10 5.91 0.00	80.36 4.85 0.00	72.54 4.64 0.00
HUDSON___115KV_TB 4 355613	32.55 0.93 0.00	26.70 0.91 0.00	22.56 0.93 0.00	24.24 1.05 0.00	27.16 1.02 0.00	28.91 1.00 0.00	35.34 1.05 0.00	28.04 0.74 0.00	28.99 0.60 0.00	40.25 0.58 0.00	38.79 0.50 0.00	39.13 0.48 0.00	40.26 0.43 0.00	43.27 0.43 0.08	45.22 0.61 0.23	46.16 0.90 0.30	88.67 2.14 0.02	79.62 2.76 0.11	83.91 3.66 0.00	76.26 3.67 0.00	78.01 3.55 0.00	82.15 3.96 0.00	78.73 3.23 0.00	70.74 2.84 0.00
HUNTER MOUNT___DRP 323613	32.67 1.04 0.00	26.79 1.00 0.00	22.63 1.00 0.00	24.32 1.13 0.00	27.26 1.12 0.00	29.02 1.11 0.00	35.50 1.20 0.00	28.15 0.84 0.00	29.13 0.74 0.00	40.42 0.76 0.00	38.91 0.63 0.00	39.27 0.63 0.00	40.43 0.60 0.00	43.47 0.61 0.06	45.48 0.79 0.15	46.47 1.11 0.20	89.10 2.55 0.01	80.07 3.17 0.08	84.35 4.10 0.00	76.66 4.06 0.00	78.44 3.98 0.00	82.61 4.42 0.00	79.17 3.66 0.00	71.08 3.17 0.00
HUNTINGTON_RES_REC 323705	33.49 1.87 0.00	27.66 1.86 0.00	23.29 1.66 0.00	24.82 1.63 0.00	27.73 1.59 0.00	29.46 1.54 0.00	36.02 1.72 0.00	28.84 1.54 0.00	29.89 1.51 0.00	41.49 1.83 0.00	40.62 2.34 0.00	41.27 2.62 0.00	42.03 2.20 0.00	45.14 2.09 -0.13	47.50 2.31 -0.35	49.37 3.34 -0.46	93.96 7.38 -0.03	84.08 6.93 -0.17	87.89 7.63 0.00	79.33 6.74 0.00	80.11 5.66 0.00	84.21 6.02 0.00	79.73 4.22 0.00	71.98 4.08 0.00
HUNTLEY___63 23557	32.07 0.45 0.00	25.61 -0.18 0.00	21.41 -0.22 0.00	22.92 -0.27 0.00	25.81 -0.33 0.00	27.28 -0.63 0.00	33.57 -0.73 0.00	26.99 -0.31 0.00	28.47 0.08 0.00	40.97 1.31 0.00	39.45 1.17 0.00	40.95 1.24 -1.07	43.67 1.44 -2.40	47.57 1.79 -2.86	48.73 1.04 -2.85	47.11 0.23 -1.32	68.55 -1.27 16.73	73.83 -1.35 1.79	78.90 -1.35 0.00	70.87 -1.72 0.00	72.66 -1.79 0.00	75.95 -2.24 0.00	74.17 -1.34 0.00	66.98 -0.92 0.00
HUNTLEY___64 23558	32.07 0.45 0.00	25.61 -0.18 0.00	21.41 -0.22 0.00	22.92 -0.27 0.00	25.81 -0.33 0.00	27.28 -0.63 0.00	33.57 -0.73 0.00	26.99 -0.31 0.00	28.47 0.08 0.00	40.97 1.31 0.00	39.45 1.17 0.00	40.95 1.24 -1.07	43.67 1.44 -2.40	47.57 1.79 -2.86	48.73 1.04 -2.85	47.11 0.23 -1.32	68.55 -1.27 16.73	73.83 -1.35 1.79	78.90 -1.35 0.00	70.87 -1.72 0.00	72.66 -1.79 0.00	75.95 -2.24 0.00	74.17 -1.34 0.00	66.98 -0.92 0.00
HUNTLEY___65 23559	32.07 0.45 0.00	25.61 -0.18 0.00	21.41 -0.22 0.00	22.92 -0.27 0.00	25.81 -0.33 0.00	27.28 -0.63 0.00	33.57 -0.73 0.00	26.99 -0.31 0.00	28.47 0.08 0.00	40.97 1.31 0.00	39.45 1.17 0.00	40.95 1.24 -1.07	43.67 1.44 -2.40	47.57 1.79 -2.86	48.73 1.04 -2.85	47.11 0.23 -1.32	68.55 -1.27 16.73	73.83 -1.35 1.79	78.90 -1.35 0.00	70.87 -1.72 0.00	72.66 -1.79 0.00	75.95 -2.24 0.00	74.17 -1.34 0.00	66.98 -0.92 0.00
HUNTLEY___66 23560	32.07 0.45 0.00	25.61 -0.18 0.00	21.41 -0.22 0.00	22.92 -0.27 0.00	25.81 -0.33 0.00	27.28 -0.63 0.00	33.57 -0.73 0.00	26.99 -0.31 0.00	28.47 0.08 0.00	40.97 1.31 0.00	39.45 1.17 0.00	40.95 1.24 -1.07	43.67 1.44 -2.40	47.57 1.79 -2.86	48.73 1.04 -2.85	47.11 0.23 -1.32	68.55 -1.27 16.73	73.83 -1.35 1.79	78.90 -1.35 0.00	70.87 -1.72 0.00	72.66 -1.79 0.00	75.95 -2.24 0.00	74.17 -1.34 0.00	66.98 -0.92 0.00
HUNTLEY___67 23561	31.73 0.11 0.00	25.37 -0.43 0.00	21.23 -0.40 0.00	22.72 -0.47 0.00	25.58 -0.55 0.00	27.05 -0.86 0.00	33.29 -1.01 0.00	26.77 -0.54 0.00	28.21 -0.18 0.00	40.54 0.87 0.00	38.98 0.70 0.00	40.40 0.76 -1.00	42.99 0.92 -2.24	46.82 1.23 -2.67	47.96 0.45 -2.67	46.40 -0.36 -1.19	67.69 -2.33 16.53	73.09 -2.11 1.77	78.17 -2.09 0.00	70.41 -2.19 0.00	72.23 -2.23 0.00	75.54 -2.65 0.00	73.65 -1.86 0.00	66.49 -1.41 0.00
HUNTLEY___68 23562	31.73 0.11 0.00	25.37 -0.43 0.00	21.23 -0.40 0.00	22.72 -0.47 0.00	25.58 -0.55 0.00	27.05 -0.86 0.00	33.29 -1.01 0.00	26.77 -0.54 0.00	28.21 -0.18 0.00	40.54 0.87 0.00	38.98 0.70 0.00	40.40 0.76 -1.00	42.99 0.92 -2.24	46.82 1.23 -2.67	47.96 0.45 -2.67	46.40 -0.36 -1.19	67.69 -2.33 16.53	73.09 -2.11 1.77	78.17 -2.09 0.00	70.41 -2.19 0.00	72.23 -2.23 0.00	75.54 -2.65 0.00	73.65 -1.86 0.00	66.49 -1.41 0.00



HYLAND___LFGE 323620	33.18 1.56 0.00	26.62 0.83 0.00	22.35 0.72 0.00	23.95 0.76 0.00	26.94 0.80 0.00	28.65 0.73 0.00	35.28 0.98 0.00	28.11 0.81 0.00	28.93 0.54 0.00	41.08 1.42 0.00	39.55 1.27 0.00	55.61 1.24 -15.73	76.54 1.39 -35.31	86.87 1.74 -42.21	87.90 1.00 -42.05	77.52 -0.23 -32.19	152.34 -2.29 -68.08	82.49 -1.77 -7.29	78.83 -1.43 0.00	72.83 0.24 0.00	76.06 1.61 0.00	80.38 2.19 0.00	77.73 2.22 0.00	71.37 3.47 0.00
INDECK___CORINTH 23802	32.45 0.83 0.00	26.68 0.88 0.00	22.51 0.88 0.00	24.17 0.98 0.00	27.13 1.00 0.00	28.91 1.00 0.00	35.45 1.16 0.00	28.22 0.92 0.00	29.28 0.89 0.00	40.76 1.10 0.00	39.01 0.73 0.00	39.31 0.67 0.00	40.07 0.24 0.00	42.68 -0.01 0.23	44.38 0.14 0.61	45.23 0.47 0.81	87.95 1.44 0.05	78.76 2.08 0.30	83.75 3.50 0.00	76.20 3.60 0.00	78.23 3.78 0.00	82.24 4.05 0.00	78.34 2.84 0.00	70.73 2.83 0.00
INDECK___ILION 23567	31.72 0.10 0.00	26.03 0.23 0.00	21.96 0.33 0.00	23.62 0.43 0.00	26.53 0.39 0.00	28.26 0.35 0.00	34.62 0.32 0.00	27.49 0.18 0.00	28.51 0.12 0.00	39.65 -0.01 0.00	38.27 -0.01 0.00	38.55 -0.09 0.00	39.61 -0.23 0.00	42.65 -0.26 0.00	44.47 -0.37 0.00	45.34 -0.22 0.00	86.59 0.04 0.00	77.55 0.57 0.00	81.18 0.93 0.00	74.08 1.48 0.00	75.83 1.37 0.00	79.65 1.47 0.00	76.34 0.83 0.00	68.67 0.77 0.00
INDECK___OLEAN 23982	31.84 0.22 0.00	25.56 -0.23 0.00	21.61 -0.02 0.00	23.15 -0.04 0.00	26.02 -0.11 0.00	27.55 -0.36 0.00	33.92 -0.37 0.00	27.26 -0.04 0.00	28.57 0.18 0.00	40.79 1.13 0.00	38.98 0.69 0.00	41.34 0.43 -2.27	45.37 0.44 -5.10	50.04 1.02 -6.09	51.17 0.26 -6.07	49.23 -0.44 -4.10	81.59 -1.36 3.61	74.88 -1.71 0.39	78.54 -1.72 0.00	71.29 -1.31 0.00	73.39 -1.07 0.00	77.22 -0.97 0.00	74.45 -1.06 0.00	67.14 -0.76 0.00
INDECK___OSWEGO 23783	31.03 -0.60 0.00	25.30 -0.49 0.00	21.29 -0.34 0.00	22.84 -0.35 0.00	25.70 -0.44 0.00	27.38 -0.53 0.00	33.59 -0.70 0.00	26.74 -0.56 0.00	27.72 -0.67 0.00	38.75 -0.91 0.00	37.44 -0.84 0.00	37.79 -0.85 0.00	38.98 -0.85 0.00	42.11 -0.81 0.00	43.97 -0.93 -0.06	44.31 -1.26 0.00	91.25 -2.84 -7.55	76.73 -2.45 -2.21	78.90 -2.25 -0.90	70.82 -1.78 0.00	75.57 -1.96 -3.07	81.26 -2.13 -5.20	74.54 -2.25 -1.28	66.49 -1.63 -0.21
INDECK___YERKES 23781	32.10 0.47 0.00	25.63 -0.16 0.00	21.43 -0.20 0.00	22.94 -0.25 0.00	25.83 -0.31 0.00	27.30 -0.61 0.00	33.61 -0.69 0.00	27.02 -0.29 0.00	28.50 0.11 0.00	41.02 1.35 0.00	39.48 1.20 0.00	40.97 1.26 -1.07	43.71 1.48 -2.40	47.61 1.82 -2.86	48.78 1.08 -2.85	47.07 0.19 -1.32	68.67 -1.14 16.73	73.86 -1.33 1.79	78.94 -1.31 0.00	70.95 -1.65 0.00	72.73 -1.73 0.00	76.01 -2.19 0.00	74.23 -1.28 0.00	67.04 -0.86 0.00
INDIAN POINT_GT_1 24139	33.16 1.54 0.00	27.33 1.54 0.00	23.11 1.48 0.00	24.78 1.59 0.00	27.65 1.51 0.00	29.35 1.44 0.00	35.91 1.62 0.00	28.70 1.40 0.00	29.77 1.38 0.00	41.51 1.85 0.00	40.33 2.05 0.00	40.69 2.04 0.00	41.79 1.95 0.00	45.16 2.11 -0.13	47.58 2.39 -0.34	48.86 2.83 -0.46	92.35 5.77 -0.03	82.68 5.54 -0.17	86.19 5.93 0.00	78.15 5.55 0.00	79.50 5.04 0.00	83.57 5.38 0.00	79.79 4.28 0.00	71.96 4.06 0.00
INDIAN POINT_GT_2 23659	33.16 1.54 0.00	27.33 1.54 0.00	23.11 1.48 0.00	24.78 1.59 0.00	27.65 1.51 0.00	29.35 1.44 0.00	35.91 1.62 0.00	28.70 1.40 0.00	29.77 1.38 0.00	41.51 1.85 0.00	40.33 2.05 0.00	40.69 2.04 0.00	41.79 1.95 0.00	45.16 2.11 -0.13	47.58 2.39 -0.34	48.86 2.83 -0.46	92.35 5.77 -0.03	82.68 5.54 -0.17	86.19 5.93 0.00	78.15 5.55 0.00	79.50 5.04 0.00	83.57 5.38 0.00	79.79 4.28 0.00	71.96 4.06 0.00
INDIAN POINT_GT_3 24019	33.16 1.54 0.00	27.33 1.54 0.00	23.11 1.48 0.00	24.78 1.59 0.00	27.65 1.51 0.00	29.35 1.44 0.00	35.91 1.62 0.00	28.70 1.40 0.00	29.77 1.38 0.00	41.51 1.85 0.00	40.33 2.05 0.00	40.69 2.04 0.00	41.79 1.95 0.00	45.16 2.11 -0.13	47.58 2.39 -0.34	48.86 2.83 -0.46	92.35 5.77 -0.03	82.68 5.54 -0.17	86.19 5.93 0.00	78.15 5.55 0.00	79.50 5.04 0.00	83.57 5.38 0.00	79.79 4.28 0.00	71.96 4.06 0.00
INDIAN POINT___2 23530	33.15 1.53 0.00	27.30 1.51 0.00	23.09 1.46 0.00	24.76 1.57 0.00	27.62 1.48 0.00	29.33 1.41 0.00	35.89 1.60 0.00	28.68 1.37 0.00	29.74 1.36 0.00	41.49 1.83 0.00	40.30 2.02 0.00	40.66 2.01 0.00	41.77 1.93 0.00	45.14 2.10 -0.12	47.56 2.38 -0.34	48.83 2.82 -0.45	92.30 5.72 -0.03	82.62 5.48 -0.17	86.13 5.87 0.00	78.10 5.50 0.00	79.46 5.00 0.00	83.51 5.32 0.00	79.74 4.23 0.00	71.89 3.99 0.00
INDIAN POINT___3 23531	33.13 1.51 0.00	27.30 1.51 0.00	23.09 1.46 0.00	24.75 1.57 0.00	27.62 1.48 0.00	29.33 1.41 0.00	35.89 1.60 0.00	28.67 1.37 0.00	29.74 1.36 0.00	41.47 1.81 0.00	40.28 2.00 0.00	40.63 1.99 0.00	41.74 1.91 0.00	45.11 2.06 -0.13	47.52 2.34 -0.34	48.79 2.77 -0.46	92.21 5.63 -0.03	82.55 5.40 -0.17	86.05 5.79 0.00	78.03 5.43 0.00	79.39 4.94 0.00	83.44 5.25 0.00	79.67 4.16 0.00	71.86 3.96 0.00
INGHAM_C_115KV_TB7 356103	31.73 0.11 0.00	26.19 0.40 0.00	22.21 0.58 0.00	23.96 0.77 0.00	26.80 0.67 0.00	28.50 0.59 0.00	34.83 0.53 0.00	27.60 0.29 0.00	28.52 0.13 0.00	39.41 -0.25 0.00	37.97 -0.31 0.00	38.15 -0.50 0.00	39.00 -0.83 0.00	41.97 -0.95 0.00	43.60 -1.25 0.00	44.60 -0.96 0.00	85.83 -0.72 0.00	77.44 0.47 0.00	81.45 1.20 0.00	75.12 2.53 0.00	76.86 2.41 0.00	80.79 2.60 0.00	76.89 1.38 0.00	69.21 1.31 0.00
IP CORINTH___1 23988	32.61 0.99 0.00	26.81 1.02 0.00	22.63 0.99 0.00	24.29 1.10 0.00	27.27 1.13 0.00	29.06 1.15 0.00	35.63 1.34 0.00	28.36 1.05 0.00	29.43 1.04 0.00	40.99 1.32 0.00	39.22 0.94 0.00	39.52 0.87 0.00	40.28 0.45 0.00	42.94 0.25 0.23	44.64 0.41 0.61	45.49 0.73 0.81	88.46 1.96 0.05	79.19 2.52 0.30	84.22 3.96 0.00	76.62 4.03 0.00	78.66 4.20 0.00	82.67 4.48 0.00	78.77 3.27 0.00	71.11 3.21 0.00
IP___TICONDEROGA 23804	32.71 1.09 0.00	27.17 1.38 0.00	22.90 1.27 0.00	24.61 1.42 0.00	27.75 1.61 0.00	29.65 1.73 0.00	36.33 2.04 0.00	29.17 1.86 0.00	29.78 1.39 0.00	41.83 2.17 0.00	40.01 1.73 0.00	40.24 1.60 0.00	40.26 0.43 0.00	42.65 -0.04 0.23	44.53 0.30 0.61	46.12 1.36 0.81	90.37 3.87 0.05	80.87 4.19 0.30	87.11 6.86 0.00	79.22 6.63 0.00	80.80 6.35 0.00	85.24 7.05 0.00	80.32 4.81 0.00	72.97 5.07 0.00
ISLIP_RES_REC 323679	33.83 2.21 0.00	27.97 2.18 0.00	23.52 1.89 0.00	25.02 1.84 0.00	27.96 1.83 0.00	29.71 1.80 0.00	36.37 2.08 0.00	29.20 1.90 0.00	30.27 1.89 0.00	41.94 2.28 0.00	41.06 2.78 0.00	41.71 3.07 0.00	42.48 2.64 0.00	45.55 2.50 -0.13	47.92 2.72 -0.35	49.95 3.92 -0.46	95.22 8.64 -0.03	85.24 8.10 -0.17	89.20 8.94 0.00	80.48 7.88 0.00	81.20 6.74 0.00	85.32 7.14 0.00	80.70 5.20 0.00	72.86 4.96 0.00

JAMAICA__27_KV_LOAD 355505	33.61 1.98 0.00	27.80 2.00 0.00	23.50 1.87 0.00	25.16 1.97 0.00	28.03 1.90 0.00	29.73 1.82 0.00	36.34 2.04 0.00	29.13 1.82 0.00	30.20 1.81 0.00	42.05 2.38 0.00	40.75 2.47 0.00	41.18 2.53 0.00	42.38 2.55 0.00	45.79 2.74 -0.13	48.36 3.17 -0.35	49.59 3.56 -0.46	93.71 7.13 -0.03	83.94 6.79 -0.17	87.43 7.17 0.00	79.28 6.68 0.00	80.60 6.14 0.00	84.70 6.51 0.00	81.06 5.56 0.00	73.16 5.26 0.00
JANIS__SOLAR 323808	32.22 0.60 0.00	26.19 0.40 0.00	22.16 0.53 0.00	23.75 0.56 0.00	26.68 0.55 0.00	28.51 0.60 0.00	35.08 0.78 0.00	28.02 0.71 0.00	29.14 0.75 0.00	40.89 1.23 0.00	39.40 1.12 0.00	39.42 0.77 0.00	40.37 0.54 0.00	43.81 0.89 0.00	45.79 0.94 0.00	46.78 1.02 -0.19	93.93 2.62 -4.76	80.21 2.73 -0.51	82.73 2.48 0.00	76.48 3.88 0.00	78.40 3.94 0.00	82.30 4.11 0.00	78.82 3.32 0.00	70.95 3.05 0.00
JARVIS____ 23743	31.66 0.04 0.00	25.87 0.08 0.00	21.77 0.13 0.00	23.37 0.18 0.00	26.29 0.15 0.00	28.05 0.14 0.00	34.40 0.11 0.00	27.36 0.05 0.00	28.42 0.03 0.00	39.67 0.01 0.00	38.32 0.04 0.00	38.69 0.04 0.00	39.84 0.00 0.00	42.93 0.01 0.00	44.85 0.01 0.00	45.65 0.09 0.00	86.74 0.18 0.00	77.24 0.27 0.00	80.67 0.41 0.00	73.10 0.51 0.00	74.87 0.41 0.00	78.68 0.49 0.00	75.79 0.28 0.00	68.17 0.27 0.00
JENNISON____1 23625	31.82 0.20 0.00	25.96 0.17 0.00	22.17 0.54 0.00	23.70 0.51 0.00	26.57 0.43 0.00	28.49 0.58 0.00	34.99 0.69 0.00	27.98 0.68 0.00	29.24 0.85 0.00	41.11 1.45 0.00	39.84 1.55 0.00	39.12 1.41 0.94	39.09 1.38 2.12	42.12 1.73 2.53	43.94 1.62 2.52	45.41 1.61 1.76	90.03 3.48 0.00	80.24 3.26 0.00	83.22 2.96 0.00	76.45 3.86 0.00	78.00 3.54 0.00	81.95 3.76 0.00	78.07 2.56 0.00	70.81 2.90 0.00
JENNISON____2 23626	31.82 0.20 0.00	25.96 0.17 0.00	22.17 0.54 0.00	23.70 0.51 0.00	26.57 0.43 0.00	28.49 0.58 0.00	34.99 0.69 0.00	27.98 0.68 0.00	29.24 0.85 0.00	41.11 1.45 0.00	39.84 1.55 0.00	39.12 1.41 0.94	39.09 1.38 2.12	42.12 1.73 2.53	43.94 1.62 2.52	45.41 1.61 1.76	90.03 3.48 0.00	80.24 3.26 0.00	83.22 2.96 0.00	76.45 3.86 0.00	78.00 3.54 0.00	81.95 3.76 0.00	78.07 2.56 0.00	70.81 2.90 0.00
JERICOHO_RISE_WT_PWR 323719	31.13 -0.49 0.00	25.04 -0.75 0.00	20.86 -0.77 0.00	22.08 -1.11 0.00	25.03 -1.10 0.00	27.06 -0.85 0.00	33.70 -0.59 0.00	26.89 -0.41 0.00	28.15 -0.23 0.00	39.48 -0.18 0.00	37.61 -0.68 0.00	37.99 -0.66 0.00	39.35 -0.49 0.00	42.07 -0.85 0.00	44.26 -0.58 0.00	45.05 -0.52 0.00	86.51 -0.04 0.00	76.47 -0.50 0.00	79.11 -1.15 0.00	71.07 -1.53 0.00	73.56 -0.90 0.00	77.23 -0.96 0.00	75.00 -0.51 0.00	67.21 -0.69 0.00
KATONAH__115KV_46KV_TB4 355592	33.21 1.59 0.00	27.43 1.64 0.00	23.24 1.61 0.00	24.90 1.72 0.00	27.78 1.65 0.00	29.51 1.59 0.00	36.10 1.81 0.00	28.85 1.55 0.00	29.95 1.56 0.00	41.79 2.13 0.00	40.55 2.27 0.00	40.77 2.13 0.00	41.86 2.03 0.00	45.23 2.18 -0.13	47.65 2.46 -0.34	48.92 2.90 -0.46	92.55 5.97 -0.03	82.89 5.74 -0.17	86.46 6.20 0.00	78.36 5.76 0.00	79.74 5.28 0.00	83.82 5.63 0.00	79.99 4.48 0.00	72.10 4.19 0.00
KCE_NY_1 323755	32.86 1.24 0.00	27.02 1.22 0.00	22.82 1.19 0.00	24.51 1.32 0.00	27.48 1.34 0.00	29.26 1.34 0.00	35.88 1.58 0.00	28.50 1.20 0.00	29.58 1.20 0.00	41.20 1.54 0.00	39.62 1.34 0.00	39.96 1.32 0.00	40.93 1.10 0.00	43.75 1.07 0.25	45.37 1.20 0.66	46.12 1.44 0.88	89.84 3.34 0.05	79.99 3.35 0.33	84.58 4.32 0.00	76.82 4.23 0.00	78.84 4.39 0.00	82.72 4.53 0.00	79.06 3.55 0.00	71.29 3.39 0.00
KCE_NY_6_ESR 323823	31.90 0.28 0.00	25.49 -0.30 0.00	21.36 -0.27 0.00	22.85 -0.34 0.00	25.71 -0.43 0.00	27.20 -0.71 0.00	33.49 -0.80 0.00	26.95 -0.36 0.00	28.38 -0.01 0.00	40.77 1.11 0.00	39.20 0.92 0.00	40.64 0.95 -1.04	43.25 1.08 -2.33	47.17 1.46 -2.79	48.32 0.69 -2.78	46.57 -0.14 -1.15	65.41 -1.57 19.57	73.48 -1.40 2.10	78.99 -1.27 0.00	71.28 -1.31 0.00	73.22 -1.23 0.00	76.61 -1.58 0.00	74.53 -0.98 0.00	67.19 -0.71 0.00
KEDC_PORT_JEFF_GT2 24210	33.63 2.01 0.00	27.82 2.03 0.00	23.41 1.78 0.00	24.91 1.72 0.00	27.83 1.70 0.00	29.57 1.66 0.00	36.20 1.91 0.00	29.04 1.73 0.00	30.10 1.71 0.00	41.67 2.01 0.00	40.79 2.51 0.00	41.43 2.79 0.00	42.20 2.37 0.00	45.27 2.22 -0.13	47.63 2.44 -0.35	49.60 3.57 -0.46	94.46 7.88 -0.03	84.16 7.01 -0.17	88.01 7.75 0.00	79.42 6.82 0.00	80.22 5.76 0.00	84.69 6.50 0.00	80.13 4.62 0.00	72.37 4.47 0.00
KEDC_PORT_JEFF_GT3 24211	33.63 2.01 0.00	27.82 2.03 0.00	23.41 1.78 0.00	24.91 1.72 0.00	27.83 1.70 0.00	29.57 1.66 0.00	36.20 1.91 0.00	29.04 1.73 0.00	30.10 1.71 0.00	41.67 2.01 0.00	40.79 2.51 0.00	41.43 2.79 0.00	42.20 2.37 0.00	45.27 2.22 -0.13	47.63 2.44 -0.35	49.60 3.57 -0.46	94.46 7.88 -0.03	84.16 7.01 -0.17	88.01 7.75 0.00	79.42 6.82 0.00	80.22 5.76 0.00	84.69 6.50 0.00	80.13 4.62 0.00	72.37 4.47 0.00
KEDC_GLWD_GT4 24219	33.56 1.94 0.00	27.64 1.85 0.00	23.34 1.71 0.00	24.98 1.80 0.00	27.89 1.75 0.00	29.61 1.70 0.00	36.23 1.93 0.00	28.99 1.68 0.00	30.06 1.67 0.00	41.86 2.20 0.00	40.84 2.56 0.00	41.30 2.66 0.00	42.31 2.47 0.00	45.67 2.62 -0.13	48.12 2.93 -0.35	49.31 3.28 -0.46	93.36 6.78 -0.03	83.57 6.42 -0.17	87.14 6.88 0.00	78.86 6.27 0.00	80.02 5.57 0.00	84.17 5.98 0.00	80.50 5.00 0.00	72.66 4.76 0.00
KEDC_GLWD_GT5 24220	33.56 1.94 0.00	27.64 1.85 0.00	23.34 1.71 0.00	24.98 1.80 0.00	27.89 1.75 0.00	29.61 1.70 0.00	36.23 1.93 0.00	28.99 1.68 0.00	30.06 1.67 0.00	41.86 2.20 0.00	40.84 2.56 0.00	41.30 2.66 0.00	42.31 2.47 0.00	45.67 2.62 -0.13	48.12 2.93 -0.35	49.31 3.28 -0.46	93.36 6.78 -0.03	83.57 6.42 -0.17	87.14 6.88 0.00	78.86 6.27 0.00	80.02 5.57 0.00	84.17 5.98 0.00	80.50 5.00 0.00	72.66 4.76 0.00
KENSICO____ 23655	33.24 1.62 0.00	27.41 1.62 0.00	23.17 1.54 0.00	24.84 1.66 0.00	27.70 1.57 0.00	29.41 1.50 0.00	35.99 1.69 0.00	28.76 1.46 0.00	29.83 1.44 0.00	41.60 1.94 0.00	40.42 2.14 0.00	40.79 2.15 0.00	41.90 2.07 0.00	45.27 2.22 -0.13	47.70 2.51 -0.35	48.99 2.96 -0.46	92.59 6.01 -0.03	82.89 5.74 -0.17	86.41 6.15 0.00	78.35 5.75 0.00	79.69 5.23 0.00	83.76 5.56 0.00	79.96 4.45 0.00	72.13 4.23 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.22 1.59 0.00	27.29 1.49 0.00	23.07 1.44 0.00	24.75 1.56 0.00	27.64 1.50 0.00	29.36 1.45 0.00	35.96 1.66 0.00	28.82 1.52 0.00	29.92 1.54 0.00	41.76 2.10 0.00	40.44 2.16 0.00	40.69 2.05 0.00	41.57 1.74 0.00	44.87 1.88 -0.07	47.26 2.22 -0.20	48.61 2.78 -0.26	92.70 6.13 -0.02	83.30 6.23 -0.10	87.06 6.80 0.00	78.99 6.40 0.00	80.34 5.88 0.00	84.39 6.20 0.00	80.54 5.03 0.00	72.48 4.58 0.00

KIAC_JFK_GT1 23816	33.40 1.78 0.00	27.64 1.85 0.00	23.37 1.74 0.00	25.03 1.84 0.00	27.88 1.75 0.00	29.57 1.65 0.00	36.13 1.83 0.00	28.95 1.65 0.00	30.02 1.63 0.00	41.76 2.09 0.00	40.37 2.09 0.00	40.79 2.15 0.00	41.98 2.15 0.00	45.38 2.33 -0.13	48.04 2.84 -0.35	49.26 3.23 -0.46	92.82 6.24 -0.03	83.15 6.00 -0.17	86.58 6.32 0.00	78.48 5.89 0.00	79.78 5.33 0.00	83.85 5.65 0.00	80.25 4.74 0.00	72.42 4.52 0.00
KIAC_JFK_GT2 23817	33.40 1.78 0.00	27.64 1.85 0.00	23.37 1.74 0.00	25.03 1.84 0.00	27.88 1.75 0.00	29.57 1.65 0.00	36.13 1.83 0.00	28.95 1.65 0.00	30.02 1.63 0.00	41.76 2.09 0.00	40.37 2.09 0.00	40.79 2.15 0.00	41.98 2.15 0.00	45.38 2.33 -0.13	48.04 2.84 -0.35	49.26 3.23 -0.46	92.82 6.24 -0.03	83.15 6.00 -0.17	86.58 6.32 0.00	78.48 5.89 0.00	79.78 5.33 0.00	83.85 5.65 0.00	80.25 4.74 0.00	72.42 4.52 0.00
KIAC_JFK____ 323774	33.40 1.78 0.00	27.64 1.85 0.00	23.37 1.74 0.00	25.03 1.84 0.00	27.88 1.75 0.00	29.57 1.65 0.00	36.13 1.83 0.00	28.96 1.65 0.00	30.02 1.63 0.00	41.75 2.09 0.00	40.37 2.09 0.00	40.79 2.15 0.00	41.98 2.15 0.00	45.37 2.32 -0.13	48.04 2.85 -0.35	49.26 3.23 -0.46	92.83 6.25 -0.03	83.14 5.99 -0.17	86.58 6.33 0.00	78.48 5.89 0.00	79.79 5.34 0.00	83.84 5.65 0.00	80.25 4.74 0.00	72.41 4.51 0.00
KINTIGH__24_KV_GSU 356498	31.88 0.26 0.00	25.58 -0.21 0.00	21.41 -0.22 0.00	22.93 -0.26 0.00	25.81 -0.32 0.00	27.32 -0.59 0.00	33.62 -0.68 0.00	26.97 -0.34 0.00	28.35 -0.03 0.00	40.58 0.91 0.00	39.06 0.77 0.00	40.54 0.85 -1.05	43.25 1.05 -2.36	47.04 1.30 -2.82	48.31 0.65 -2.81	47.03 -0.09 -1.56	74.93 -1.58 10.04	74.37 -1.52 1.08	78.76 -1.50 0.00	71.02 -1.57 0.00	72.74 -1.72 0.00	76.08 -2.11 0.00	73.99 -1.52 0.00	66.76 -1.14 0.00
KINTIGH____ 23543	31.86 0.24 0.00	25.55 -0.24 0.00	21.40 -0.23 0.00	22.91 -0.28 0.00	25.79 -0.34 0.00	27.30 -0.61 0.00	33.58 -0.71 0.00	26.95 -0.36 0.00	28.33 -0.06 0.00	40.53 0.87 0.00	39.03 0.75 0.00	40.51 0.82 -1.05	43.21 1.02 -2.36	47.01 1.27 -2.82	48.27 0.62 -2.81	47.03 -0.08 -1.56	74.85 -1.67 10.04	74.35 -1.55 1.08	78.70 -1.55 0.00	70.97 -1.63 0.00	72.68 -1.78 0.00	76.02 -2.17 0.00	73.92 -1.59 0.00	66.70 -1.20 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.65 0.03 0.00	25.44 -0.36 0.00	21.19 -0.44 0.00	22.43 -0.76 0.00	25.34 -0.79 0.00	27.38 -0.53 0.00	34.11 -0.19 0.00	27.23 -0.07 0.00	28.52 0.13 0.00	40.09 0.42 0.00	38.20 -0.08 0.00	38.52 -0.12 0.00	39.86 0.03 0.00	42.56 -0.36 0.00	44.70 -0.14 0.00	45.55 -0.01 0.00	87.72 1.17 0.00	77.53 0.56 0.00	80.52 0.26 0.00	72.35 -0.24 0.00	74.88 0.42 0.00	78.69 0.50 0.00	76.20 0.70 0.00	68.19 0.29 0.00
LACHUTE____HYDRO 323717	32.71 1.09 0.00	27.17 1.38 0.00	22.90 1.27 0.00	24.61 1.42 0.00	27.75 1.61 0.00	29.65 1.73 0.00	36.33 2.04 0.00	29.17 1.86 0.00	29.78 1.39 0.00	41.83 2.16 0.00	40.01 1.73 0.00	40.24 1.60 0.00	40.26 0.43 0.00	42.65 -0.05 0.23	44.53 0.30 0.61	46.11 1.36 0.81	90.37 3.87 0.05	80.86 4.19 0.30	87.11 6.86 0.00	79.23 6.63 0.00	80.80 6.35 0.00	85.24 7.05 0.00	80.32 4.81 0.00	72.98 5.08 0.00
LAWRNCALV_115KV_TB1 80681	31.65 0.03 0.00	25.53 -0.27 0.00	21.16 -0.47 0.00	22.55 -0.64 0.00	25.65 -0.49 0.00	27.65 -0.27 0.00	34.27 -0.02 0.00	27.43 0.13 0.00	28.71 0.32 0.00	40.07 0.41 0.00	38.26 -0.02 0.00	38.63 -0.01 0.00	39.83 0.00 0.00	42.72 -0.20 0.00	44.88 0.04 0.00	45.25 -0.32 0.00	86.11 -0.44 0.00	76.60 -0.37 0.00	80.02 -0.23 0.00	72.14 -0.46 0.00	74.91 0.45 0.00	78.58 0.39 0.00	76.53 1.02 0.00	68.33 0.42 0.00
LEDERLE____ 23769	33.36 1.74 0.00	27.46 1.67 0.00	23.21 1.58 0.00	24.89 1.70 0.00	27.78 1.64 0.00	29.50 1.59 0.00	36.12 1.82 0.00	28.86 1.56 0.00	29.95 1.56 0.00	41.80 2.14 0.00	40.60 2.32 0.00	40.95 2.31 0.00	42.09 2.26 0.00	45.52 2.48 -0.12	47.97 2.79 -0.33	49.27 3.26 -0.44	93.19 6.61 -0.03	83.41 6.27 -0.16	86.91 6.65 0.00	78.79 6.19 0.00	80.17 5.71 0.00	84.22 6.03 0.00	80.41 4.91 0.00	72.46 4.56 0.00
LIGHTHSE_115KV_TB6 355974	31.26 -0.36 0.00	25.44 -0.35 0.00	21.37 -0.26 0.00	22.97 -0.22 0.00	25.90 -0.23 0.00	27.60 -0.31 0.00	33.89 -0.40 0.00	27.04 -0.26 0.00	27.99 -0.39 0.00	39.20 -0.46 0.00	37.80 -0.48 0.00	38.09 -0.56 0.00	39.28 -0.56 0.00	42.41 -0.51 0.00	44.45 -0.42 -0.03	44.66 -0.90 0.00	88.09 -2.15 -3.70	76.51 -1.55 -1.08	80.01 -0.69 -0.44	72.48 -0.12 0.00	76.00 0.04 -1.50	80.85 0.12 -2.54	76.10 -0.03 -0.63	67.96 -0.04 -0.11
LINDEN COGEN____ 23786	33.19 1.57 0.00	27.41 1.61 0.00	23.17 1.54 0.00	24.84 1.65 0.00	27.66 1.52 0.00	29.33 1.42 0.00	35.88 1.58 0.00	28.73 1.43 0.00	29.79 1.40 0.00	41.51 1.85 0.00	40.39 2.10 0.00	40.76 2.11 0.00	41.90 2.07 0.00	45.28 2.23 -0.13	47.74 2.55 -0.35	49.02 2.99 -0.46	92.57 5.99 -0.03	82.89 5.74 -0.17	86.39 6.14 0.00	78.31 5.71 0.00	79.61 5.15 0.00	83.69 5.50 0.00	79.88 4.37 0.00	72.17 4.27 0.00
LINDHRST_69_KV_BK1 356055	33.87 2.24 0.00	27.93 2.14 0.00	23.53 1.90 0.00	25.11 1.92 0.00	28.04 1.91 0.00	29.77 1.86 0.00	36.44 2.14 0.00	29.19 1.89 0.00	30.26 1.87 0.00	42.04 2.38 0.00	41.11 2.83 0.00	41.72 3.08 0.00	42.49 2.66 0.00	45.61 2.56 -0.13	48.05 2.85 -0.35	49.87 3.84 -0.46	94.74 8.15 -0.03	84.72 7.58 -0.17	88.56 8.30 0.00	80.01 7.42 0.00	80.88 6.42 0.00	84.97 6.78 0.00	80.63 5.12 0.00	72.93 5.03 0.00
LIPA_MISC_IPP 23656	33.43 1.80 0.00	27.72 1.93 0.00	23.29 1.66 0.00	24.75 1.56 0.00	27.65 1.51 0.00	29.38 1.47 0.00	35.99 1.69 0.00	28.90 1.60 0.00	29.93 1.55 0.00	41.36 1.70 0.00	40.49 2.20 0.00	41.11 2.47 0.00	41.85 2.02 0.00	44.82 1.77 -0.13	47.13 1.94 -0.35	49.15 3.12 -0.46	93.77 7.19 -0.03	84.03 6.89 -0.17	87.93 7.67 0.00	79.34 6.74 0.00	80.07 5.61 0.00	84.10 5.91 0.00	79.52 4.01 0.00	71.79 3.89 0.00
LISF____SOLAR 323691	33.49 1.87 0.00	27.78 1.98 0.00	23.34 1.70 0.00	24.79 1.61 0.00	27.69 1.56 0.00	29.43 1.51 0.00	36.05 1.75 0.00	28.96 1.66 0.00	30.00 1.61 0.00	41.44 1.77 0.00	40.58 2.30 0.00	41.20 2.56 0.00	41.92 2.09 0.00	44.87 1.82 -0.13	47.18 1.99 -0.35	49.22 3.20 -0.46	93.96 7.38 -0.03	84.24 7.09 -0.17	88.19 7.93 0.00	79.57 6.97 0.00	80.33 5.88 0.00	84.36 6.17 0.00	79.71 4.21 0.00	71.96 4.05 0.00
LITTLE FALLS____HYD 24013	31.73 0.11 0.00	26.19 0.40 0.00	22.21 0.58 0.00	23.96 0.77 0.00	26.80 0.67 0.00	28.50 0.59 0.00	34.83 0.53 0.00	27.60 0.29 0.00	28.52 0.13 0.00	39.41 -0.25 0.00	37.97 -0.31 0.00	38.15 -0.50 0.00	39.00 -0.83 0.00	41.97 -0.95 0.00	43.60 -1.25 0.00	44.60 -0.96 0.00	85.83 -0.72 0.00	77.44 0.47 1.20	81.45 1.20 0.00	75.12 2.53 0.00	76.86 2.41 0.00	80.79 2.60 0.00	76.89 1.38 0.00	69.21 1.31 0.00

LITTLRIV_115KV_TB1 356100	32.09 0.47 0.00	25.86 0.06 0.00	21.41 -0.22 0.00	22.80 -0.38 0.00	25.94 -0.19 0.00	27.98 0.06 0.00	34.72 0.42 0.00	27.79 0.48 0.00	29.07 0.69 0.00	40.58 0.92 0.00	38.57 0.29 0.00	38.89 0.24 0.00	39.92 0.09 0.00	42.85 -0.07 0.00	45.15 0.31 0.00	45.40 -0.17 0.00	86.31 -0.23 0.00	76.84 -0.13 0.00	80.68 0.42 0.00	72.80 0.20 0.00	76.02 1.56 0.00	79.83 1.64 0.00	77.70 2.19 0.00	69.29 1.39 0.00
LI_NEWBRDGE___DRP 323616	33.34 1.72 0.00	27.50 1.70 0.00	23.20 1.57 0.00	24.79 1.60 0.00	27.68 1.55 0.00	29.39 1.48 0.00	35.95 1.65 0.00	28.77 1.46 0.00	29.80 1.41 0.00	41.44 1.77 0.00	40.48 2.20 0.00	41.00 2.36 0.00	41.88 2.04 0.00	45.06 2.01 -0.13	47.45 2.26 -0.35	49.09 3.06 -0.46	93.05 6.47 -0.03	83.21 6.07 -0.17	86.85 6.60 0.00	78.56 5.97 0.00	79.60 5.14 0.00	83.66 5.47 0.00	79.48 3.97 0.00	71.87 3.97 0.00
LOCKPORT_115KV_TB60_63_64 80432	31.90 0.28 0.00	25.48 -0.32 0.00	21.29 -0.34 0.00	22.78 -0.41 0.00	25.68 -0.46 0.00	27.14 -0.77 0.00	33.39 -0.91 0.00	26.82 -0.48 0.00	28.26 -0.13 0.00	40.65 0.99 0.00	39.14 0.86 0.00	40.73 0.92 -1.16	43.55 1.11 -2.61	47.44 1.40 -3.12	48.57 0.62 -3.11	46.92 -0.19 -1.55	69.35 -1.91 15.29	73.48 -1.86 1.64	78.30 -1.95 0.00	70.35 -2.25 0.00	72.09 -2.37 0.00	75.33 -2.86 0.00	73.57 -1.94 0.00	66.40 -1.50 0.00
LOCKPORT___CC1 323769	31.84 0.22 0.00	25.43 -0.36 0.00	21.26 -0.38 0.00	22.75 -0.44 0.00	25.63 -0.50 0.00	27.09 -0.82 0.00	33.35 -0.95 0.00	26.79 -0.51 0.00	28.22 -0.16 0.00	40.61 0.95 0.00	39.07 0.79 0.00	40.63 0.85 -1.14	43.43 1.04 -2.56	47.30 1.32 -3.06	48.42 0.53 -3.05	46.62 -0.38 -1.44	67.48 -2.11 16.96	73.08 -2.08 1.82	78.13 -2.12 0.00	70.25 -2.35 0.00	72.01 -2.45 0.00	75.27 -2.91 0.00	73.51 -1.99 0.00	66.37 -1.53 0.00
LOCKPORT___CC2 323770	31.84 0.22 0.00	25.43 -0.36 0.00	21.26 -0.38 0.00	22.75 -0.44 0.00	25.63 -0.50 0.00	27.09 -0.82 0.00	33.35 -0.95 0.00	26.79 -0.51 0.00	28.22 -0.16 0.00	40.61 0.95 0.00	39.07 0.79 0.00	40.63 0.85 -1.14	43.43 1.04 -2.56	47.30 1.32 -3.06	48.42 0.53 -3.05	46.62 -0.38 -1.44	67.48 -2.11 16.96	73.08 -2.08 1.82	78.13 -2.12 0.00	70.25 -2.35 0.00	72.01 -2.45 0.00	75.27 -2.91 0.00	73.51 -1.99 0.00	66.37 -1.53 0.00
LOCKPORT___CC3 323771	31.84 0.22 0.00	25.43 -0.36 0.00	21.26 -0.38 0.00	22.75 -0.44 0.00	25.63 -0.50 0.00	27.09 -0.82 0.00	33.35 -0.95 0.00	26.79 -0.51 0.00	28.22 -0.16 0.00	40.61 0.95 0.00	39.07 0.79 0.00	40.63 0.85 -1.14	43.43 1.04 -2.56	47.30 1.32 -3.06	48.42 0.53 -3.05	46.62 -0.38 -1.44	67.48 -2.11 16.96	73.08 -2.08 1.82	78.13 -2.12 0.00	70.25 -2.35 0.00	72.01 -2.45 0.00	75.27 -2.91 0.00	73.51 -1.99 0.00	66.37 -1.53 0.00
LOCUSVLY_69_KV_BK2 55797	33.65 2.03 0.00	27.73 1.94 0.00	23.40 1.77 0.00	25.02 1.83 0.00	27.93 1.79 0.00	29.65 1.74 0.00	36.28 1.98 0.00	29.02 1.72 0.00	30.09 1.71 0.00	41.90 2.24 0.00	40.92 2.64 0.00	41.43 2.78 0.00	42.36 2.53 0.00	45.69 2.64 -0.13	48.14 2.95 -0.35	49.65 3.63 -0.46	94.14 7.56 -0.03	84.28 7.13 -0.17	87.89 7.64 0.00	79.46 6.86 0.00	80.55 6.09 0.00	84.65 6.46 0.00	80.57 5.07 0.00	72.76 4.85 0.00
LONG_LAKE_PHOENIX 24014	31.12 -0.50 0.00	25.37 -0.42 0.00	21.37 -0.26 0.00	22.92 -0.27 0.00	25.78 -0.36 0.00	27.47 -0.45 0.00	33.69 -0.60 0.00	26.82 -0.49 0.00	27.82 -0.57 0.00	38.93 -0.73 0.00	37.61 -0.67 0.00	37.97 -0.67 0.00	39.18 -0.65 0.00	42.42 -0.50 0.00	44.25 -0.63 -0.04	44.86 -0.71 0.00	90.52 -1.73 -5.70	77.24 -1.40 -1.67	79.74 -1.20 -0.68	71.72 -0.88 0.00	75.68 -1.09 -2.31	80.85 -1.26 -3.92	74.96 -1.51 -0.97	66.80 -1.26 -0.16
LOVETT___3 23632	33.12 1.50 0.00	27.28 1.48 0.00	23.07 1.44 0.00	24.73 1.55 0.00	27.60 1.46 0.00	29.31 1.40 0.00	35.88 1.58 0.00	28.66 1.36 0.00	29.72 1.34 0.00	41.46 1.80 0.00	40.27 1.99 0.00	40.62 1.98 0.00	41.73 1.90 0.00	45.11 2.06 -0.12	47.51 2.34 -0.33	48.79 2.78 -0.44	92.21 5.63 -0.03	82.54 5.40 -0.17	86.03 5.77 0.00	78.01 5.42 0.00	79.37 4.92 0.00	83.42 5.23 0.00	79.66 4.16 0.00	71.84 3.94 0.00
LOVETT___4 23642	33.12 1.50 0.00	27.28 1.48 0.00	23.07 1.44 0.00	24.73 1.55 0.00	27.60 1.46 0.00	29.31 1.40 0.00	35.88 1.58 0.00	28.66 1.36 0.00	29.72 1.34 0.00	41.46 1.80 0.00	40.27 1.99 0.00	40.62 1.98 0.00	41.73 1.90 0.00	45.11 2.06 -0.12	47.51 2.34 -0.33	48.79 2.78 -0.44	92.21 5.63 -0.03	82.54 5.40 -0.17	86.03 5.77 0.00	78.01 5.42 0.00	79.37 4.92 0.00	83.42 5.23 0.00	79.66 4.16 0.00	71.84 3.94 0.00
LOVETT___5 23593	33.12 1.50 0.00	27.28 1.48 0.00	23.07 1.44 0.00	24.73 1.55 0.00	27.60 1.46 0.00	29.31 1.40 0.00	35.88 1.58 0.00	28.66 1.36 0.00	29.72 1.34 0.00	41.46 1.80 0.00	40.27 1.99 0.00	40.62 1.98 0.00	41.73 1.90 0.00	45.11 2.06 -0.12	47.51 2.34 -0.33	48.79 2.78 -0.44	92.21 5.63 -0.03	82.54 5.40 -0.17	86.03 5.77 0.00	78.01 5.42 0.00	79.37 4.92 0.00	83.42 5.23 0.00	79.66 4.16 0.00	71.84 3.94 0.00
LOWER RAQUET___HYD 24057	31.62 0.00 0.00	25.50 -0.29 0.00	21.13 -0.50 0.00	22.52 -0.67 0.00	25.63 -0.50 0.00	27.64 -0.28 0.00	34.27 -0.03 0.00	27.43 0.13 0.00	28.70 0.31 0.00	40.07 0.41 0.00	38.24 -0.04 0.00	38.59 -0.05 0.00	39.78 -0.05 0.00	42.66 -0.26 0.00	44.84 -0.01 0.00	45.23 -0.33 0.00	86.01 -0.54 0.00	76.53 -0.45 0.00	80.05 -0.21 0.00	72.20 -0.40 0.00	75.02 0.57 0.00	78.74 0.55 0.00	76.65 1.14 0.00	68.43 0.52 0.00
LOWER___HUDSON 24059	32.52 0.90 0.00	26.86 1.07 0.00	22.71 1.08 0.00	24.38 1.19 0.00	27.29 1.16 0.00	29.05 1.14 0.00	35.57 1.28 0.00	28.24 0.93 0.00	29.32 0.94 0.00	40.74 1.08 0.00	39.30 1.02 0.00	39.60 0.96 0.00	40.57 0.74 0.00	43.18 0.60 0.34	44.65 0.71 0.90	45.27 0.91 1.20	88.64 2.16 0.07	78.63 2.11 0.45	82.90 2.65 0.00	75.39 2.79 0.00	77.16 2.70 0.00	81.18 3.00 0.00	77.70 2.19 0.00	70.07 2.16 0.00
LOWVILLE_115KV_TB2 356335	31.17 -0.45 0.00	25.30 -0.49 0.00	21.16 -0.47 0.00	22.79 -0.39 0.00	25.98 -0.15 0.00	27.73 -0.18 0.00	34.09 -0.21 0.00	27.22 -0.08 0.00	28.19 -0.20 0.00	39.46 -0.20 0.00	37.98 -0.30 0.00	38.30 -0.34 0.00	39.58 -0.25 0.00	42.59 -0.33 0.00	44.86 0.01 -0.01	45.00 -0.57 0.00	85.72 -1.77 -0.94	76.02 -1.23 -0.27	80.89 0.52 -0.11	73.86 1.26 0.00	76.82 1.98 -0.38	81.38 2.54 -0.65	78.20 2.54 -0.16	69.65 1.72 -0.03
LUTHERFT_115KV_GLOB_FND_222 355753	32.85 1.22 0.00	27.02 1.22 0.00	22.82 1.18 0.00	24.50 1.31 0.00	27.46 1.33 0.00	29.26 1.35 0.00	35.86 1.56 0.00	28.49 1.18 0.00	29.58 1.19 0.00	41.16 1.50 0.00	39.62 1.34 0.00	39.92 1.28 0.00	40.89 1.05 0.00	43.69 1.02 0.25	45.33 1.15 0.66	46.07 1.39 0.88	89.60 3.10 0.05	79.88 3.23 0.33	84.36 4.11 0.00	76.69 4.09 0.00	78.65 4.19 0.00	82.64 4.46 0.00	79.02 3.51 0.00	71.22 3.32 0.00

LUTHERNY_35_KV_BK2 355980	32.86 1.24 0.00	27.02 1.22 0.00	22.82 1.19 0.00	24.51 1.32 0.00	27.48 1.34 0.00	29.26 1.34 0.00	35.88 1.58 0.00	28.50 1.20 0.00	29.58 1.20 0.00	41.20 1.54 0.00	39.62 1.34 0.00	39.96 1.31 0.00	40.93 1.10 0.00	43.74 1.07 0.25	45.37 1.20 0.66	46.13 1.45 0.88	89.84 3.34 0.05	79.99 3.35 0.33	84.58 4.33 0.00	76.82 4.23 0.00	78.85 4.39 0.00	82.72 4.53 0.00	79.06 3.55 0.00	71.29 3.39 0.00
LWR___OSWEGATCHIE_HYD 23850	31.37 -0.25 0.00	25.38 -0.41 0.00	21.13 -0.50 0.00	22.65 -0.54 0.00	25.78 -0.36 0.00	27.63 -0.29 0.00	34.08 -0.22 0.00	27.26 -0.05 0.00	28.37 -0.02 0.00	39.67 0.00 0.00	37.98 -0.30 0.00	38.28 -0.37 0.00	39.50 -0.33 0.00	42.46 -0.46 0.00	44.70 -0.15 -0.01	44.89 -0.67 0.00	85.90 -1.51 -0.87	76.08 -1.15 -0.25	80.28 -0.07 -0.10	72.84 0.24 0.00	75.93 1.12 -0.35	80.15 1.36 -0.60	77.30 1.65 -0.15	68.96 1.04 -0.03
LYONS_FALL_HYD 23570	31.56 -0.07 0.00	25.67 -0.13 0.00	21.51 -0.12 0.00	23.14 -0.05 0.00	26.24 0.10 0.00	27.99 0.08 0.00	34.40 0.11 0.00	27.43 0.13 0.00	28.45 0.06 0.00	39.82 0.16 0.00	38.41 0.13 0.00	38.70 0.06 0.00	39.93 0.10 0.00	43.03 0.11 0.00	45.17 0.32 0.00	45.64 0.07 0.00	86.90 -0.25 -0.60	77.20 0.05 -0.17	81.61 1.28 -0.07	74.32 1.72 0.00	76.87 2.17 -0.24	81.15 2.54 -0.41	78.00 2.39 -0.10	69.64 1.72 -0.02
MADISON___COUNTY_LFGE 323628	32.23 0.61 0.00	26.25 0.46 0.00	22.09 0.46 0.00	23.71 0.52 0.00	26.69 0.55 0.00	28.47 0.56 0.00	34.96 0.66 0.00	27.81 0.51 0.00	28.88 0.49 0.00	40.36 0.70 0.00	39.13 0.84 0.00	39.32 0.68 0.00	40.51 0.68 0.00	43.78 0.86 0.00	45.74 0.89 0.00	46.72 1.15 0.00	88.69 2.14 0.00	79.18 2.21 0.00	83.02 2.76 0.00	75.42 2.82 0.00	77.39 2.93 0.00	81.29 3.10 0.00	78.08 2.57 0.00	69.96 2.06 0.00
MALONE___115KV_TB1 356076	31.51 -0.11 0.00	25.35 -0.45 0.00	21.07 -0.56 0.00	22.34 -0.85 0.00	25.35 -0.78 0.00	27.39 -0.52 0.00	34.07 -0.22 0.00	27.25 -0.05 0.00	28.57 0.18 0.00	40.04 0.38 0.00	38.20 -0.08 0.00	38.57 -0.08 0.00	39.83 0.00 0.00	42.57 -0.35 0.00	44.80 -0.04 0.00	45.57 0.00 0.00	87.23 0.68 0.00	77.27 0.30 0.00	80.29 0.03 0.00	72.31 -0.29 0.00	74.94 0.49 0.00	78.63 0.43 0.00	76.30 0.80 0.00	68.24 0.34 0.00
MAPLEWOD_115KV_TB3 80458	32.24 0.62 0.00	26.48 0.69 0.00	22.38 0.75 0.00	24.05 0.86 0.00	26.93 0.80 0.00	28.68 0.77 0.00	35.08 0.79 0.00	27.87 0.56 0.00	28.92 0.53 0.00	40.26 0.59 0.00	38.87 0.59 0.00	39.20 0.56 0.00	40.32 0.48 0.00	43.27 0.50 0.15	45.12 0.67 0.40	45.99 0.95 0.53	88.60 2.08 0.03	79.10 2.32 0.20	82.96 2.71 0.00	75.29 2.70 0.00	76.97 2.52 0.00	80.97 2.78 0.00	77.63 2.12 0.00	69.88 1.98 0.00
MAPLE_RIDGE_WT_1 323574	30.79 -0.83 0.00	25.07 -0.72 0.00	21.00 -0.63 0.00	22.50 -0.68 0.00	25.49 -0.64 0.00	27.36 -0.55 0.00	33.64 -0.66 0.00	26.74 -0.57 0.00	27.90 -0.49 0.00	39.09 -0.57 0.00	37.74 -0.54 0.00	38.21 -0.44 0.00	39.53 -0.30 0.00	42.50 -0.42 0.00	44.37 -0.47 0.00	45.02 -0.55 0.00	85.35 -1.20 0.00	76.00 -0.98 0.00	79.39 -0.86 0.00	71.89 -0.71 0.00	73.73 -0.73 0.00	77.58 -0.61 0.00	75.14 -0.37 0.00	67.47 -0.44 0.00
MAPLE_RIDGE_WT_2 323611	30.79 -0.83 0.00	25.07 -0.72 0.00	21.00 -0.63 0.00	22.50 -0.68 0.00	25.49 -0.64 0.00	27.36 -0.55 0.00	33.64 -0.66 0.00	26.74 -0.57 0.00	27.90 -0.49 0.00	39.09 -0.57 0.00	37.74 -0.54 0.00	38.21 -0.44 0.00	39.53 -0.30 0.00	42.50 -0.42 0.00	44.37 -0.47 0.00	45.02 -0.55 0.00	85.35 -1.20 0.00	76.00 -0.98 0.00	79.39 -0.86 0.00	71.89 -0.71 0.00	73.73 -0.73 0.00	77.58 -0.61 0.00	75.14 -0.37 0.00	67.47 -0.44 0.00
MARBLE_RIVER_WT_PWR 323696	31.23 -0.40 0.00	25.13 -0.67 0.00	20.95 -0.68 0.00	22.18 -1.01 0.00	25.11 -1.03 0.00	27.14 -0.77 0.00	33.80 -0.49 0.00	26.96 -0.34 0.00	28.20 -0.18 0.00	39.57 -0.09 0.00	37.69 -0.59 0.00	38.04 -0.61 0.00	39.39 -0.44 0.00	42.13 -0.79 0.00	44.33 -0.51 0.00	45.14 -0.42 0.00	86.68 0.13 0.00	76.68 -0.30 0.00	79.34 -0.91 0.00	71.26 -1.34 0.00	73.70 -0.76 0.00	77.43 -0.76 0.00	75.13 -0.38 0.00	67.30 -0.60 0.00
MARSHVLE_115KV_TB1 80742	33.26 1.63 0.00	26.96 1.16 0.00	22.62 0.99 0.00	24.22 1.03 0.00	27.32 1.18 0.00	29.20 1.28 0.00	35.95 1.65 0.00	28.60 1.29 0.00	29.72 1.34 0.00	41.46 1.80 0.00	40.02 1.74 0.00	40.30 1.65 0.00	41.57 1.74 0.00	44.61 1.82 0.13	46.13 1.63 0.34	46.51 1.40 0.45	89.30 2.77 0.03	80.01 3.21 0.17	83.70 3.45 0.00	76.68 4.08 0.00	79.29 4.84 0.00	82.97 4.78 0.00	80.04 4.53 0.00	71.78 3.88 0.00
MARSH_HILL_WT_PWR 323713	30.64 -0.98 0.00	24.59 -1.20 0.00	20.85 -0.78 0.00	22.31 -0.88 0.00	25.14 -1.00 0.00	26.77 -1.15 0.00	32.92 -1.37 0.00	26.48 -0.82 0.00	27.56 -0.83 0.00	39.59 -0.07 0.00	38.02 -0.26 0.00	52.50 -0.63 -14.48	71.67 -0.67 -32.51	81.67 -0.11 -38.86	82.88 -0.68 -38.71	73.66 -1.70 -29.80	150.77 -2.61 -66.83	81.68 -2.45 -7.16	78.38 -1.87 0.00	71.78 -0.82 0.00	73.98 -0.48 0.00	77.94 -0.25 0.00	75.66 0.15 0.00	68.48 0.58 0.00
MCINTYRE_115KV_TB2 80467	32.29 0.66 0.00	26.00 0.21 0.00	21.51 -0.12 0.00	22.90 -0.29 0.00	26.05 -0.09 0.00	28.10 0.18 0.00	34.87 0.58 0.00	27.92 0.62 0.00	29.21 0.83 0.00	40.77 1.11 0.00	38.69 0.41 0.00	38.97 0.33 0.00	40.04 0.21 0.00	42.99 0.07 0.00	45.33 0.49 0.00	45.47 -0.10 0.00	86.52 -0.03 0.00	77.09 0.12 0.00	80.97 0.71 0.00	72.84 0.25 0.00	76.26 1.81 0.00	80.12 1.93 0.00	77.99 2.48 0.00	69.53 1.63 0.00
MECO_____69_KV_BK1 80468	33.50 1.87 0.00	27.25 1.46 0.00	22.91 1.28 0.00	24.56 1.37 0.00	27.63 1.49 0.00	29.49 1.58 0.00	36.25 1.95 0.00	28.80 1.49 0.00	29.84 1.46 0.00	41.43 1.77 0.00	39.88 1.60 0.00	40.16 1.52 0.00	41.51 1.68 0.00	44.44 1.66 0.14	45.56 1.10 0.37	45.92 0.85 0.50	88.71 2.19 0.03	80.04 3.25 0.19	84.54 4.29 0.00	77.93 5.33 0.00	80.50 6.04 0.00	84.36 6.16 0.00	81.09 5.58 0.00	72.70 4.80 0.00
MENANDS___115KV_TB5 355628	32.05 0.43 0.00	26.34 0.55 0.00	22.27 0.64 0.00	23.93 0.74 0.00	26.79 0.66 0.00	28.53 0.61 0.00	34.89 0.59 0.00	27.71 0.41 0.00	28.75 0.36 0.00	40.02 0.36 0.00	38.66 0.38 0.00	38.98 0.34 0.00	40.10 0.27 0.00	43.04 0.27 0.15	44.86 0.41 0.39	45.72 0.67 0.52	88.08 1.56 0.03	78.53 1.75 0.19	82.33 2.08 0.00	74.70 2.11 0.00	76.33 1.87 0.00	80.33 2.14 0.00	77.01 1.50 0.00	69.35 1.44 0.00
MG INDUSTRY___DRP 24185	32.19 0.57 0.00	26.42 0.63 0.00	22.33 0.70 0.00	24.02 0.83 0.00	26.93 0.80 0.00	28.68 0.77 0.00	35.06 0.77 0.00	27.72 0.41 0.00	28.78 0.39 0.00	39.97 0.31 0.00	38.52 0.24 0.00	38.88 0.24 0.00	40.01 0.18 0.00	42.98 0.13 0.07	44.87 0.22 0.20	45.75 0.45 0.26	87.59 1.05 0.02	78.32 1.44 0.10	82.16 1.91 0.00	74.55 1.95 0.00	76.29 1.84 0.00	80.34 2.15 0.00	77.14 1.63 0.00	69.46 1.56 0.00

MID___OSWEGATCHIE_HYD 23849	31.37 -0.25 0.00	25.38 -0.41 0.00	21.13 -0.50 0.00	22.65 -0.54 0.00	25.78 -0.36 0.00	27.63 -0.29 0.00	34.08 -0.22 0.00	27.26 -0.05 0.00	28.37 -0.02 0.00	39.67 0.00 0.00	37.98 -0.30 0.00	38.28 -0.37 0.00	39.50 -0.33 0.00	42.46 -0.46 0.00	44.70 -0.15 0.00	44.89 -0.67 0.00	85.90 -1.51 -0.87	76.08 -1.15 -0.25	80.28 -0.07 -0.10	72.84 0.24 0.00	75.93 1.12 -0.35	80.15 1.36 -0.60	77.30 1.65 -0.15	68.96 1.04 -0.03
MID___RAQUETTE_HYD 23851	31.62 0.00 0.00	25.50 -0.29 0.00	21.13 -0.50 0.00	22.52 -0.67 0.00	25.63 -0.50 0.00	27.64 -0.28 0.00	34.27 -0.03 0.00	27.43 0.13 0.00	28.70 0.31 0.00	40.08 0.41 0.00	38.24 -0.04 0.00	38.60 -0.05 0.00	39.78 -0.05 0.00	42.66 -0.26 0.00	44.84 -0.01 0.00	45.20 -0.37 0.00	86.01 -0.54 0.00	76.51 -0.46 0.00	80.05 -0.21 0.00	72.20 -0.40 0.00	75.02 0.57 0.00	78.74 0.55 0.00	76.65 1.14 0.00	68.43 0.52 0.00
MILLIKEN___1 23584	32.04 0.42 0.00	26.06 0.27 0.00	22.00 0.37 0.00	23.61 0.42 0.00	26.50 0.37 0.00	28.26 0.35 0.00	34.66 0.37 0.00	27.64 0.34 0.00	28.70 0.31 0.00	40.20 0.54 0.00	38.77 0.49 0.00	39.03 0.38 0.00	40.14 0.31 0.00	43.57 0.65 0.00	45.50 0.65 0.00	46.53 0.75 -0.21	93.89 1.57 -5.77	79.12 1.41 -0.74	81.90 1.57 -0.08	74.77 2.18 0.00	76.93 2.21 -0.26	80.84 2.21 -0.44	77.22 1.60 -0.11	69.25 1.33 -0.02
MILLIKEN___2 23585	32.04 0.42 0.00	26.06 0.27 0.00	22.00 0.37 0.00	23.61 0.42 0.00	26.50 0.37 0.00	28.26 0.35 0.00	34.66 0.37 0.00	27.64 0.34 0.00	28.70 0.31 0.00	40.20 0.54 0.00	38.77 0.49 0.00	39.03 0.38 0.00	40.14 0.31 0.00	43.57 0.65 0.00	45.50 0.65 0.00	46.53 0.75 -0.21	93.89 1.57 -5.77	79.12 1.41 -0.74	81.90 1.57 -0.08	74.77 2.18 0.00	76.93 2.21 -0.26	80.84 2.21 -0.44	77.22 1.60 -0.11	69.25 1.33 -0.02
MILLIKEN___DIESEL 23629	32.04 0.42 0.00	26.06 0.27 0.00	22.00 0.37 0.00	23.61 0.42 0.00	26.50 0.37 0.00	28.26 0.35 0.00	34.66 0.37 0.00	27.64 0.34 0.00	28.70 0.31 0.00	40.20 0.54 0.00	38.77 0.49 0.00	39.03 0.38 0.00	40.14 0.31 0.00	43.57 0.65 0.00	45.50 0.65 0.00	46.53 0.75 -0.21	93.89 1.57 -5.77	79.12 1.41 -0.74	81.90 1.57 -0.08	74.77 2.18 0.00	76.93 2.21 -0.26	80.84 2.21 -0.44	77.22 1.60 -0.11	69.25 1.33 -0.02
MILLSEAT___LFGE 323607	32.61 0.99 0.00	26.07 0.27 0.00	21.78 0.15 0.00	23.31 0.12 0.00	26.27 0.13 0.00	27.79 -0.13 0.00	34.21 -0.09 0.00	27.45 0.15 0.00	28.84 0.46 0.00	41.40 1.73 0.00	39.82 1.53 0.00	41.64 1.71 -1.29	44.64 1.91 -2.89	48.61 2.24 -3.46	49.88 1.59 -3.44	48.23 0.76 -1.91	74.61 0.24 12.19	76.12 0.45 1.31	80.83 0.57 0.00	72.74 0.14 0.00	74.49 0.04 0.00	77.77 -0.42 0.00	75.64 0.13 0.00	68.09 0.19 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.18 1.56 0.00	27.35 1.56 0.00	23.13 1.49 0.00	24.80 1.61 0.00	27.66 1.53 0.00	29.37 1.46 0.00	35.93 1.63 0.00	28.71 1.40 0.00	29.77 1.39 0.00	41.52 1.86 0.00	40.34 2.06 0.00	40.70 2.06 0.00	41.80 1.97 0.00	45.16 2.12 -0.13	47.58 2.39 -0.35	48.86 2.83 -0.46	92.35 5.77 -0.03	82.66 5.51 -0.17	86.18 5.93 0.00	78.14 5.55 0.00	79.50 5.04 0.00	83.57 5.38 0.00	79.79 4.28 0.00	71.96 4.06 0.00
MILLWOOD_13_KV_LOAD 356217	33.22 1.60 0.00	27.38 1.59 0.00	23.15 1.52 0.00	24.82 1.63 0.00	27.69 1.56 0.00	29.40 1.49 0.00	35.98 1.68 0.00	28.75 1.44 0.00	29.83 1.44 0.00	41.59 1.92 0.00	40.40 2.12 0.00	40.76 2.12 0.00	41.87 2.04 0.00	45.24 2.19 -0.13	47.66 2.47 -0.35	48.94 2.91 -0.46	92.52 5.94 -0.03	82.84 5.69 -0.17	86.38 6.12 0.00	78.31 5.71 0.00	79.68 5.22 0.00	83.75 5.56 0.00	79.94 4.44 0.00	72.09 4.19 0.00
MODEL_CITY_ENERGY 24167	31.62 -0.01 0.00	25.25 -0.54 0.00	21.10 -0.53 0.00	22.58 -0.61 0.00	25.46 -0.67 0.00	26.91 -1.00 0.00	33.12 -1.18 0.00	26.59 -0.71 0.00	28.02 -0.36 0.00	40.34 0.67 0.00	38.82 0.53 0.00	40.32 0.57 -1.10	43.07 0.76 -2.48	46.88 1.00 -2.96	47.98 0.19 -2.95	46.25 -0.74 -1.42	68.26 -2.65 15.64	72.63 -2.67 1.68	77.40 -2.85 0.00	69.52 -3.07 0.00	71.26 -3.19 0.00	74.43 -3.75 0.00	72.78 -2.73 0.00	65.72 -2.18 0.00
MODERN_LFGE___ 323580	31.62 -0.01 0.00	25.25 -0.54 0.00	21.10 -0.53 0.00	22.58 -0.61 0.00	25.46 -0.67 0.00	26.91 -1.00 0.00	33.12 -1.18 0.00	26.59 -0.71 0.00	28.02 -0.36 0.00	40.34 0.67 0.00	38.82 0.53 0.00	40.32 0.57 -1.10	43.07 0.76 -2.48	46.88 1.00 -2.96	47.98 0.19 -2.95	46.25 -0.74 -1.42	68.26 -2.65 15.64	72.63 -2.67 1.68	77.40 -2.85 0.00	69.52 -3.07 0.00	71.26 -3.19 0.00	74.43 -3.75 0.00	72.78 -2.73 0.00	65.72 -2.18 0.00
MOHAWK_PAPER___DRP 24187	32.24 0.62 0.00	26.48 0.69 0.00	22.38 0.75 0.00	24.05 0.86 0.00	26.93 0.80 0.00	28.68 0.77 0.00	35.08 0.79 0.00	27.87 0.56 0.00	28.92 0.53 0.00	40.26 0.59 0.00	38.87 0.59 0.00	39.20 0.56 0.00	40.32 0.48 0.00	43.27 0.50 0.15	45.12 0.67 0.40	45.99 0.95 0.53	88.60 2.08 0.03	79.10 2.32 0.20	82.96 2.71 0.00	75.29 2.70 0.00	76.97 2.52 0.00	80.97 2.78 0.00	77.63 2.12 0.00	69.88 1.98 0.00
MOHICAN___35_KV_115KV_LD 80490	32.85 1.22 0.00	27.02 1.23 0.00	22.81 1.18 0.00	24.49 1.30 0.00	27.47 1.34 0.00	29.27 1.36 0.00	35.89 1.59 0.00	28.55 1.25 0.00	29.64 1.25 0.00	41.25 1.59 0.00	39.55 1.27 0.00	39.82 1.17 0.00	40.64 0.80 0.00	43.30 0.62 0.24	44.98 0.79 0.65	45.76 1.06 0.86	89.04 2.55 0.05	79.65 3.00 0.32	84.59 4.34 0.00	76.94 4.35 0.00	79.00 4.54 0.00	83.04 4.85 0.00	79.21 3.70 0.00	71.48 3.58 0.00
MONGAUP___HYD 23641	33.25 1.63 0.00	27.32 1.53 0.00	23.10 1.47 0.00	24.77 1.59 0.00	27.68 1.55 0.00	29.41 1.50 0.00	36.02 1.72 0.00	28.71 1.40 0.00	29.78 1.39 0.00	41.43 1.77 0.00	40.09 1.81 0.00	40.31 1.67 0.00	41.16 1.33 0.00	44.44 1.41 -0.11	46.79 1.65 -0.30	48.01 2.04 -0.40	91.12 4.54 -0.02	82.04 4.91 -0.15	86.48 6.23 0.00	78.72 6.12 0.00	80.13 5.67 0.00	84.23 6.04 0.00	80.45 4.94 0.00	72.35 4.44 0.00
MONTAUK___DIESEL 23721	34.08 2.46 0.00	28.37 2.58 0.00	23.36 1.73 0.00	24.81 1.62 0.00	27.68 1.54 0.00	29.45 1.53 0.00	35.83 1.53 0.00	28.87 1.56 0.00	29.83 1.44 0.00	41.30 1.64 0.00	40.62 2.34 0.00	41.40 2.76 0.00	42.05 2.21 0.00	44.89 1.84 -0.13	47.23 2.04 -0.35	49.86 3.83 -0.46	96.49 9.91 -0.03	86.83 9.68 -0.17	90.79 10.53 0.00	81.34 8.74 0.00	81.94 7.48 0.00	85.60 7.42 0.00	79.87 4.36 0.00	71.75 3.85 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.34 -0.28 0.00	24.92 -0.88 0.00	21.10 -0.53 0.00	22.53 -0.65 0.00	25.32 -0.82 0.00	26.88 -1.03 0.00	33.37 -0.93 0.00	27.04 -0.26 0.00	28.65 0.27 0.00	41.20 1.53 0.00	39.34 1.06 0.00	40.90 0.83 -1.43	43.51 0.46 -3.21	47.59 0.83 -3.84	48.66 -0.01 -3.83	47.17 -0.58 -2.18	72.53 -1.84 12.18	74.42 -1.25 1.31	79.58 -0.68 0.00	72.44 -0.15 0.00	75.51 1.05 0.00	79.26 1.07 0.00	76.62 1.11 0.00	68.93 1.02 0.00

MORRIS_RIDGE___SOLAR 323848	30.94 -0.69 0.00	24.83 -0.96 0.00	20.96 -0.67 0.00	22.46 -0.73 0.00	25.27 -0.87 0.00	26.88 -1.03 0.00	33.04 -1.26 0.00	26.44 -0.86 0.00	27.44 -0.95 0.00	39.38 -0.29 0.00	37.80 -0.49 0.00	15.45 -0.71 22.48	-11.33 -0.69 50.46	-17.82 -0.41 60.32	-16.35 -1.10 60.10	-2.80 -1.93 46.44	-25.38 -3.85 108.08	61.94 -3.46 11.57	77.30 -2.96 0.00	70.69 -1.91 0.00	73.08 -1.37 0.00	76.98 -1.20 0.00	74.71 -0.80 0.00	67.56 -0.34 0.00
MORTIMER_115KV_TB3 55949	32.19 0.57 0.00	25.92 0.12 0.00	21.70 0.07 0.00	23.24 0.06 0.00	26.16 0.02 0.00	27.75 -0.16 0.00	34.11 -0.18 0.00	27.33 0.02 0.00	28.64 0.25 0.00	40.76 1.10 0.00	39.39 1.11 0.00	41.58 1.24 -1.70	45.14 1.49 -3.82	49.27 1.79 -4.57	50.77 1.38 -4.55	49.62 0.87 -3.18	87.07 0.52 0.00	77.52 0.54 0.00	80.83 0.58 0.00	73.00 0.40 0.00	74.57 0.11 0.00	77.95 -0.24 0.00	75.39 -0.12 0.00	67.85 -0.06 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.37 1.75 0.00	27.53 1.74 0.00	23.28 1.65 0.00	24.95 1.77 0.00	27.80 1.67 0.00	29.50 1.59 0.00	36.09 1.79 0.00	28.88 1.57 0.00	29.95 1.56 0.00	41.75 2.08 0.00	40.58 2.30 0.00	40.98 2.34 0.00	42.12 2.29 0.00	45.51 2.46 -0.13	47.97 2.78 -0.35	49.26 3.23 -0.46	93.05 6.47 -0.03	83.32 6.17 -0.17	86.86 6.60 0.00	78.71 6.11 0.00	80.02 5.56 0.00	84.13 5.94 0.00	80.30 4.79 0.00	72.51 4.61 0.00
MUNSVILLE_WIND_PWR 323609	32.18 0.56 0.00	26.18 0.39 0.00	22.25 0.62 0.00	23.84 0.66 0.00	26.79 0.65 0.00	28.74 0.82 0.00	35.47 1.18 0.00	28.48 1.18 0.00	29.72 1.33 0.00	41.79 2.13 0.00	40.42 2.13 0.00	39.97 1.98 0.66	40.24 1.89 1.48	43.53 2.37 1.76	45.52 2.43 1.76	46.91 2.42 1.08	95.69 5.45 -3.68	82.49 5.12 -0.39	85.04 4.79 0.00	79.07 6.48 0.00	80.56 6.10 0.00	84.29 6.10 0.00	80.66 5.15 0.00	72.93 5.03 0.00
N SALMON___HYD 24042	31.51 -0.11 0.00	25.35 -0.45 0.00	21.07 -0.56 0.00	22.34 -0.85 0.00	25.35 -0.78 0.00	27.39 -0.52 0.00	34.07 -0.22 0.00	27.25 -0.05 0.00	28.57 0.18 0.00	40.04 0.37 0.00	38.20 -0.08 0.00	38.56 -0.08 0.00	39.83 0.00 0.00	42.56 -0.36 0.00	44.80 -0.04 0.00	45.60 0.03 0.00	87.23 0.68 0.00	77.28 0.31 0.00	80.29 0.03 0.00	72.31 -0.28 0.00	74.95 0.49 0.00	78.63 0.44 0.00	76.30 0.80 0.00	68.24 0.34 0.00
N.AKRON__115KV_KNAPP 355671	32.55 0.93 0.00	26.01 0.21 0.00	21.74 0.11 0.00	23.26 0.07 0.00	26.21 0.08 0.00	27.73 -0.19 0.00	34.11 -0.18 0.00	27.40 0.09 0.00	28.81 0.43 0.00	41.36 1.69 0.00	39.80 1.52 0.00	41.56 1.67 -1.25	44.47 1.84 -2.81	48.45 2.18 -3.35	49.69 1.51 -3.34	48.12 0.76 -1.80	73.41 0.01 13.16	75.81 0.24 1.41	80.55 0.30 0.00	72.45 -0.14 0.00	74.18 -0.28 0.00	77.46 -0.73 0.00	75.38 -0.13 0.00	67.89 -0.01 0.00
N.E_GEN_SANDY PD 24062	32.86 1.23 0.00	32.13 1.54 -4.80	27.39 1.53 -4.23	29.65 1.64 -4.82	31.53 1.56 -3.84	33.02 1.52 -3.58	36.09 1.71 -0.09	34.14 1.34 -5.50	37.39 1.36 -7.64	41.28 1.62 0.00	39.60 1.68 0.36	40.25 1.61 0.00	41.22 1.26 -0.12	41.67 1.00 2.25	38.95 1.12 7.01	34.57 1.37 12.37	89.34 3.27 0.48	71.46 2.88 8.39	83.19 3.35 0.41	76.10 3.50 0.00	77.67 3.21 0.00	81.75 3.56 0.00	76.41 2.44 1.54	69.77 2.50 0.63
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.21 1.59 0.00	27.35 1.56 0.00	23.13 1.49 0.00	24.79 1.61 0.00	27.67 1.53 0.00	29.38 1.47 0.00	35.96 1.67 0.00	28.73 1.43 0.00	29.81 1.42 0.00	41.59 1.93 0.00	40.40 2.12 0.00	40.74 2.10 0.00	41.88 2.05 0.00	45.28 2.24 -0.12	47.70 2.53 -0.33	49.00 2.99 -0.44	92.67 6.09 -0.03	82.95 5.81 -0.16	86.44 6.19 0.00	78.38 5.78 0.00	79.73 5.27 0.00	83.78 5.59 0.00	79.99 4.48 0.00	72.11 4.21 0.00
N.QUEENS_27_KV_LOAD 356247	33.46 1.85 0.00	27.69 1.90 0.00	23.40 1.77 0.00	25.08 1.89 0.00	27.91 1.78 0.00	29.54 1.62 0.00	36.16 1.86 0.00	29.05 1.74 0.00	30.06 1.67 0.00	41.86 2.19 0.00	40.79 2.51 0.00	41.12 2.48 0.00	42.23 2.40 0.00	45.71 2.66 -0.13	48.17 2.98 -0.35	49.57 3.54 -0.46	93.39 6.81 -0.03	83.74 6.60 -0.17	87.26 7.00 0.00	79.02 6.42 0.00	80.34 5.88 0.00	84.44 6.25 0.00	80.67 5.16 0.00	72.94 5.03 0.00
N.TROY___115KV_TB1 355778	32.52 0.90 0.00	26.86 1.07 0.00	22.71 1.08 0.00	24.38 1.19 0.00	27.29 1.16 0.00	29.05 1.14 0.00	35.58 1.28 0.00	28.24 0.94 0.00	29.32 0.94 0.00	40.75 1.08 0.00	39.30 1.02 0.00	39.60 0.96 0.00	40.57 0.74 0.00	43.18 0.60 0.34	44.65 0.71 0.90	45.28 0.91 1.20	88.65 2.17 0.07	78.63 2.11 0.45	82.91 2.65 0.00	75.39 2.79 0.00	77.16 2.70 0.00	81.19 3.00 0.00	77.70 2.19 0.00	70.06 2.16 0.00
NARROWS_GT1_1 24228	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
NARROWS_GT1_2 24229	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
NARROWS_GT1_3 24230	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
NARROWS_GT1_4 24231	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
NARROWS_GT1_5 24232	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00

NARROWS_GT1_6 24233	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
NARROWS_GT1_7 24234	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
NARROWS_GT1_8 24235	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
NARROWS_GT2_1 24236	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
NARROWS_GT2_2 24237	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
NARROWS_GT2_3 24238	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
NARROWS_GT2_4 24239	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
NARROWS_GT2_5 24240	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
NARROWS_GT2_6 24241	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
NARROWS_GT2_7 24242	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
NARROWS_GT2_8 24243	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.93 0.00	72.75 4.84 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.67 1.04 0.00	26.79 1.00 0.00	22.63 1.00 0.00	24.32 1.13 0.00	27.26 1.12 0.00	29.02 1.11 0.00	35.50 1.20 0.00	28.15 0.84 0.00	29.13 0.74 0.00	40.42 0.76 0.00	38.91 0.63 0.00	39.27 0.63 0.00	40.43 0.60 0.00	43.47 0.61 0.06	45.48 0.79 0.15	46.47 1.11 0.20	89.10 2.55 0.01	80.07 3.17 0.08	84.35 4.10 0.00	76.66 4.06 0.00	78.44 3.98 0.00	82.61 4.42 0.00	79.17 3.66 0.00	71.08 3.17 0.00
NCHELSEA_115KV_TR2 355582	33.30 1.67 0.00	27.40 1.61 0.00	23.17 1.54 0.00	24.86 1.67 0.00	27.75 1.62 0.00	29.49 1.57 0.00	36.08 1.79 0.00	28.80 1.49 0.00	29.89 1.51 0.00	41.71 2.05 0.00	40.47 2.19 0.00	40.80 2.16 0.00	41.87 2.04 0.00	45.22 2.22 -0.09	47.62 2.54 -0.23	48.91 3.03 -0.31	92.89 6.32 -0.02	83.22 6.12 -0.12	86.86 6.61 0.00	78.75 6.16 0.00	80.17 5.71 0.00	84.24 6.05 0.00	80.38 4.88 0.00	72.38 4.48 0.00
NEG CAPITAL___MECHNVIL 23645	32.92 1.29 0.00	27.10 1.31 0.00	22.89 1.26 0.00	24.57 1.38 0.00	27.54 1.40 0.00	29.33 1.42 0.00	35.95 1.65 0.00	28.56 1.25 0.00	29.67 1.28 0.00	41.26 1.60 0.00	39.75 1.47 0.00	40.06 1.42 0.00	41.04 1.20 0.00	43.83 1.19 0.28	45.41 1.33 0.76	46.13 1.57 1.01	89.92 3.42 0.06	80.14 3.54 0.38	84.64 4.39 0.00	76.96 4.36 0.00	78.88 4.42 0.00	82.89 4.70 0.00	79.28 3.77 0.00	71.42 3.52 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.53 -0.09 0.00	25.43 -0.36 0.00	21.32 -0.31 0.00	22.84 -0.34 0.00	25.70 -0.44 0.00	27.30 -0.61 0.00	33.56 -0.73 0.00	26.85 -0.45 0.00	28.11 -0.27 0.00	39.87 0.20 0.00	38.54 0.26 0.00	40.31 0.36 -1.31	43.34 0.57 -2.93	47.24 0.81 -3.51	48.80 0.46 -3.50	48.01 0.01 -2.44	86.37 -0.81 -0.62	76.47 -0.69 -0.18	79.75 -0.59 -0.07	72.02 -0.58 0.00	73.82 -0.88 -0.25	77.31 -1.31 -0.43	74.33 -1.28 -0.11	66.74 -1.18 -0.02



NEG CENTRAL___DRP 24199	31.83 0.21 0.00	25.81 0.01 0.00	21.75 0.11 0.00	23.30 0.12 0.00	26.18 0.05 0.00	27.89 -0.02 0.00	34.22 -0.08 0.00	27.33 0.02 0.00	28.41 0.02 0.00	40.03 0.37 0.00	38.67 0.39 0.00	40.60 0.32 -1.63	43.83 0.33 -3.67	48.01 0.70 -4.39	49.74 0.52 -4.38	49.26 0.37 -3.32	94.64 0.21 -7.88	78.32 0.23 -1.11	81.13 0.71 -0.17	73.69 1.09 0.00	76.03 0.99 -0.58	79.94 0.76 -0.99	76.15 0.40 -0.24	68.26 0.32 -0.04
NEG CENTRAL___INDECK 23768	32.69 1.07 0.00	26.25 0.46 0.00	22.04 0.41 0.00	23.61 0.43 0.00	26.57 0.44 0.00	28.25 0.34 0.00	34.79 0.49 0.00	27.81 0.50 0.00	28.76 0.37 0.00	41.07 1.40 0.00	39.55 1.27 0.00	55.68 1.24 -15.80	76.70 1.41 -35.46	87.05 1.75 -42.38	88.06 1.00 -42.22	77.65 -0.23 -32.32	152.66 -2.29 -68.39	82.53 -1.77 -7.33	78.83 -1.43 0.00	72.30 -0.30 0.00	74.79 0.34 0.00	78.72 0.52 0.00	76.18 0.68 0.00	70.07 2.16 0.00
NEG CENTRAL___SENECA 23627	31.92 0.30 0.00	25.83 0.03 0.00	21.77 0.14 0.00	23.30 0.11 0.00	26.20 0.07 0.00	27.89 -0.02 0.00	34.25 -0.04 0.00	27.37 0.07 0.00	28.48 0.09 0.00	40.29 0.63 0.00	38.86 0.58 0.00	41.60 0.48 -2.48	45.87 0.46 -5.57	50.48 0.90 -6.66	52.11 0.63 -6.64	51.02 0.40 -5.05	97.70 0.10 -11.05	78.49 0.17 -1.34	81.19 0.83 -0.10	73.87 1.27 0.00	76.02 1.21 -0.34	79.70 0.93 -0.59	76.24 0.59 -0.14	68.46 0.54 -0.02
NEG CENTRAL___STATE_STREET 24147	31.85 0.23 0.00	25.90 0.11 0.00	21.82 0.19 0.00	23.45 0.27 0.00	26.29 0.16 0.00	28.09 0.17 0.00	34.37 0.08 0.00	27.48 0.18 0.00	28.51 0.12 0.00	39.85 0.19 0.00	38.54 0.26 0.00	39.52 0.19 -0.69	41.61 0.22 -1.56	45.36 0.58 -1.86	47.26 0.55 -1.86	47.37 0.51 -1.30	89.05 0.74 -1.76	78.23 0.74 -0.51	81.21 0.74 -0.21	73.93 1.33 0.00	76.50 1.32 -0.72	80.59 1.19 -1.21	76.58 0.77 -0.30	68.39 0.44 -0.05
NEG MILLWOOD___DRP 24198	33.33 1.71 0.00	27.46 1.67 0.00	23.22 1.59 0.00	24.91 1.73 0.00	27.81 1.67 0.00	29.54 1.63 0.00	36.15 1.86 0.00	28.88 1.57 0.00	29.98 1.59 0.00	41.86 2.20 0.00	40.62 2.34 0.00	40.93 2.28 0.00	42.02 2.19 0.00	45.38 2.36 -0.10	47.79 2.67 -0.28	49.08 3.14 -0.37	93.09 6.52 -0.02	83.44 6.33 -0.14	87.08 6.83 0.00	78.90 6.30 0.00	80.30 5.85 0.00	84.38 6.20 0.00	80.52 5.01 0.00	72.49 4.59 0.00
NEG NORTH_FLCN_SEA 23793	31.58 -0.04 0.00	25.38 -0.41 0.00	21.16 -0.47 0.00	22.40 -0.78 0.00	25.30 -0.83 0.00	27.32 -0.59 0.00	34.05 -0.24 0.00	27.18 -0.12 0.00	28.43 0.04 0.00	39.97 0.30 0.00	38.08 -0.20 0.00	38.41 -0.23 0.00	39.75 -0.08 0.00	42.50 -0.42 0.00	44.67 -0.17 0.00	45.53 -0.03 0.00	87.62 1.07 0.00	77.48 0.50 0.00	80.34 0.09 0.00	72.14 -0.45 0.00	74.58 0.12 0.00	78.40 0.21 0.00	75.91 0.40 0.00	67.95 0.05 0.00
NEG NORTH_KES_CHATEGAY 23792	31.21 -0.41 0.00	25.11 -0.68 0.00	20.91 -0.72 0.00	22.14 -1.04 0.00	25.09 -1.05 0.00	27.12 -0.79 0.00	33.77 -0.52 0.00	26.95 -0.35 0.00	28.22 -0.17 0.00	39.53 -0.14 0.00	37.69 -0.58 0.00	38.01 -0.63 0.00	39.38 -0.45 0.00	42.08 -0.84 0.00	44.28 -0.57 0.00	45.02 -0.54 0.00	86.58 0.03 0.00	76.48 -0.49 0.00	79.12 -1.13 0.00	71.21 -1.38 0.00	73.77 -0.68 0.00	77.48 -0.71 0.00	75.24 -0.27 0.00	67.38 -0.52 0.00
NEG NORTH___ALICE_FALLS 23915	31.65 0.03 0.00	25.44 -0.36 0.00	21.19 -0.44 0.00	22.43 -0.76 0.00	25.34 -0.79 0.00	27.38 -0.53 0.00	34.11 -0.19 0.00	27.23 -0.07 0.00	28.52 0.13 0.00	40.09 0.42 0.00	38.20 -0.08 0.00	38.52 -0.12 0.00	39.86 0.03 0.00	42.56 -0.36 0.00	44.70 -0.14 0.00	45.55 -0.01 0.00	87.72 1.17 0.00	77.53 0.56 0.00	80.52 0.26 0.00	72.35 -0.24 0.00	74.88 0.42 0.00	78.69 0.50 0.00	76.20 0.70 0.00	68.19 0.29 0.00
NEG NORTH___LWR_SARANAC 23913	31.65 0.03 0.00	25.44 -0.36 0.00	21.19 -0.44 0.00	22.43 -0.76 0.00	25.34 -0.79 0.00	27.38 -0.53 0.00	34.11 -0.19 0.00	27.23 -0.07 0.00	28.52 0.13 0.00	40.09 0.42 0.00	38.20 -0.08 0.00	38.52 -0.12 0.00	39.86 0.03 0.00	42.56 -0.36 0.00	44.70 -0.14 0.00	45.55 -0.01 0.00	87.72 1.17 0.00	77.53 0.56 0.00	80.52 0.26 0.00	72.35 -0.24 0.00	74.88 0.42 0.00	78.69 0.50 0.00	76.20 0.70 0.00	68.19 0.29 0.00
NEG NORTH___PLATTSBURG 23628	31.65 0.03 0.00	25.43 -0.36 0.00	21.19 -0.44 0.00	22.43 -0.76 0.00	25.34 -0.79 0.00	27.38 -0.54 0.00	34.11 -0.18 0.00	27.23 -0.07 0.00	28.52 0.13 0.00	40.08 0.42 0.00	38.20 -0.08 0.00	38.52 -0.12 0.00	39.86 0.03 0.00	42.56 -0.36 0.00	44.71 -0.14 0.00	45.58 0.02 0.00	87.72 1.17 0.00	77.53 0.56 0.00	80.52 0.26 0.00	72.35 -0.24 0.00	74.88 0.42 0.00	78.69 0.50 0.00	76.20 0.69 0.00	68.19 0.29 0.00
NEG WEST_LEA_LOCKPORT 23791	31.84 0.22 0.00	25.43 -0.36 0.00	21.26 -0.38 0.00	22.75 -0.44 0.00	25.63 -0.50 0.00	27.09 -0.82 0.00	33.34 -0.96 0.00	26.79 -0.51 0.00	28.22 -0.16 0.00	40.60 0.93 0.00	39.07 0.79 0.00	40.64 0.86 -1.14	43.43 1.04 -2.56	47.29 1.32 -3.06	48.42 0.53 -3.05	46.71 -0.29 -1.44	67.43 -2.15 16.96	73.13 -2.03 1.82	78.15 -2.11 0.00	70.24 -2.35 0.00	72.00 -2.45 0.00	75.28 -2.92 0.00	73.51 -1.99 0.00	66.36 -1.54 0.00
NEG WEST___LANCASTR 23811	31.53 -0.09 0.00	25.24 -0.56 0.00	21.21 -0.43 0.00	22.67 -0.52 0.00	25.52 -0.61 0.00	27.01 -0.90 0.00	33.25 -1.05 0.00	26.72 -0.58 0.00	28.09 -0.30 0.00	40.26 0.59 0.00	38.66 0.38 0.00	39.96 0.38 -0.94	42.43 0.49 -2.11	46.35 0.91 -2.52	47.51 0.15 -2.51	46.19 -0.51 -1.14	69.19 -2.13 15.23	73.35 -1.99 1.63	78.24 -2.01 0.00	70.61 -1.99 0.00	72.46 -2.00 0.00	75.83 -2.35 0.00	73.54 -1.97 0.00	66.30 -1.61 0.00
NEG_PENN_ALLEGHNY 23528	31.83 0.21 0.00	25.90 0.11 0.00	21.94 0.31 0.00	23.50 0.32 0.00	26.39 0.26 0.00	28.10 0.19 0.00	34.45 0.15 0.00	27.44 0.14 0.00	28.53 0.14 0.00	40.10 0.43 0.00	38.67 0.39 0.00	37.41 0.34 1.57	36.60 0.31 3.53	39.35 0.65 4.22	41.13 0.50 4.21	43.12 0.49 2.94	87.57 1.01 0.00	77.90 0.92 0.00	81.27 1.02 0.00	73.77 1.17 0.00	75.49 1.03 0.00	79.26 1.07 0.00	76.04 0.53 0.00	68.46 0.56 0.00
NEG___GEN_MONROE 24207	32.47 0.85 0.00	26.11 0.32 0.00	21.86 0.22 0.00	23.40 0.21 0.00	26.34 0.21 0.00	27.94 0.03 0.00	34.34 0.05 0.00	27.52 0.21 0.00	28.83 0.44 0.00	41.09 1.43 0.00	39.65 1.37 0.00	41.85 1.53 -1.68	45.41 1.80 -3.77	49.54 2.11 -4.51	51.00 1.67 -4.49	49.83 1.12 -3.14	87.57 1.02 0.00	78.03 1.05 0.00	81.51 1.26 0.00	73.56 0.96 0.00	75.17 0.72 0.00	78.56 0.37 0.00	75.99 0.49 0.00	68.37 0.47 0.00
NEPA___ENERGY 23901	31.65 0.03 0.00	25.32 -0.48 0.00	21.44 -0.19 0.00	22.87 -0.32 0.00	25.74 -0.40 0.00	27.27 -0.64 0.00	33.57 -0.73 0.00	27.03 -0.28 0.00	28.35 -0.04 0.00	40.58 0.91 0.00	38.87 0.59 0.00	39.92 0.54 -0.74	41.96 0.47 -1.66	46.03 1.12 -1.99	47.21 0.39 -1.98	46.23 -0.13 -0.80	70.96 -1.23 14.35	74.32 -1.12 1.54	79.10 -1.15 0.00	71.59 -1.00 0.00	73.76 -0.69 0.00	77.22 -0.97 0.00	74.54 -0.97 0.00	67.16 -0.74 0.00

NEVERSINK___HYD 23608	32.59 0.97 0.00	26.77 0.98 0.00	22.64 1.01 0.00	24.29 1.10 0.00	27.13 1.00 0.00	28.83 0.92 0.00	35.31 1.01 0.00	28.40 1.10 0.00	29.48 1.10 0.00	41.12 1.46 0.00	39.84 1.56 0.00	40.04 1.39 0.00	40.80 0.96 0.00	44.07 1.07 -0.08	46.43 1.36 -0.22	47.71 1.86 -0.29	90.84 4.27 -0.02	81.58 4.50 -0.11	85.23 4.97 0.00	77.34 4.75 0.00	78.65 4.19 0.00	82.63 4.44 0.00	78.91 3.40 0.00	71.06 3.16 0.00
NEWKRMKL_115KV_TB1 55635	31.96 0.33 0.00	26.25 0.46 0.00	22.19 0.56 0.00	23.85 0.66 0.00	26.71 0.57 0.00	28.44 0.52 0.00	34.77 0.47 0.00	27.61 0.31 0.00	28.66 0.27 0.00	39.86 0.20 0.00	38.51 0.23 0.00	38.84 0.19 0.00	39.95 0.12 0.00	42.89 0.10 0.13	44.74 0.25 0.35	45.63 0.53 0.47	87.82 1.30 0.03	78.35 1.56 0.17	82.11 1.86 0.00	74.50 1.90 0.00	76.14 1.68 0.00	80.10 1.91 0.00	76.80 1.29 0.00	69.14 1.23 0.00
NEWTON___FALLS_HYD 23847	31.37 -0.25 0.00	25.38 -0.41 0.00	21.13 -0.50 0.00	22.65 -0.54 0.00	25.78 -0.36 0.00	27.63 -0.29 0.00	34.08 -0.22 0.00	27.26 -0.05 0.00	28.37 -0.02 0.00	39.67 0.00 0.00	37.98 -0.30 0.00	38.28 -0.37 0.00	39.50 -0.33 0.00	42.46 -0.46 0.00	44.70 -0.15 -0.01	44.89 -0.67 0.00	85.90 -1.51 -0.87	76.08 -1.15 -0.25	80.28 -0.07 -0.10	72.84 0.24 0.00	75.93 1.12 -0.35	80.15 1.36 -0.60	77.30 1.65 -0.15	68.96 1.04 -0.03
NGRID_A1_DSASP 323792	31.55 -0.07 0.00	25.21 -0.59 0.00	21.06 -0.57 0.00	22.55 -0.64 0.00	25.41 -0.72 0.00	26.84 -1.07 0.00	33.04 -1.25 0.00	26.55 -0.76 0.00	28.00 -0.39 0.00	40.28 0.62 0.00	38.76 0.48 0.00	40.21 0.56 -1.01	42.88 0.78 -2.27	46.62 0.98 -2.71	47.71 0.17 -2.70	46.05 -0.77 -1.26	67.72 -3.25 15.58	71.87 -3.44 1.67	76.82 -3.44 0.00	69.12 -3.48 0.00	70.85 -3.61 0.00	74.03 -4.17 0.00	72.65 -2.86 0.00	65.78 -2.12 0.00
NGRID_A2_DSASP 323793	31.55 -0.07 0.00	25.21 -0.59 0.00	21.06 -0.57 0.00	22.55 -0.64 0.00	25.41 -0.72 0.00	26.84 -1.07 0.00	33.04 -1.25 0.00	26.55 -0.76 0.00	28.00 -0.39 0.00	40.28 0.62 0.00	38.76 0.48 0.00	40.21 0.56 -1.01	42.88 0.78 -2.27	46.62 0.98 -2.71	47.71 0.17 -2.70	46.05 -0.77 -1.26	67.72 -3.25 15.58	71.87 -3.44 1.67	76.82 -3.44 0.00	69.12 -3.48 0.00	70.85 -3.61 0.00	74.03 -4.17 0.00	72.65 -2.86 0.00	65.78 -2.12 0.00
NGRID_A4_DSASP 323807	31.55 -0.07 0.00	25.21 -0.59 0.00	21.06 -0.57 0.00	22.55 -0.64 0.00	25.41 -0.72 0.00	26.84 -1.07 0.00	33.04 -1.25 0.00	26.55 -0.76 0.00	28.00 -0.39 0.00	40.28 0.62 0.00	38.76 0.48 0.00	40.21 0.56 -1.01	42.88 0.78 -2.27	46.62 0.98 -2.71	47.71 0.17 -2.70	46.05 -0.77 -1.26	67.72 -3.25 15.58	71.87 -3.44 1.67	76.82 -3.48 0.00	69.12 -3.48 0.00	70.85 -3.61 0.00	74.03 -4.17 0.00	72.65 -2.86 0.00	65.78 -2.12 0.00
NIAGARA_115E_LBMP 323715	31.46 -0.16 0.00	25.13 -0.66 0.00	21.00 -0.63 0.00	22.47 -0.71 0.00	25.35 -0.79 0.00	26.79 -1.13 0.00	32.95 -1.34 0.00	26.46 -0.84 0.00	27.89 -0.50 0.00	40.15 0.49 0.00	38.63 0.35 0.00	40.11 0.39 -1.07	42.81 0.57 -2.41	46.57 0.77 -2.88	47.67 -0.05 -2.87	45.95 -0.98 -1.36	67.68 -3.06 15.81	72.17 -3.11 1.69	76.94 -3.32 0.00	69.05 -3.54 0.00	70.80 -3.66 0.00	73.94 -4.25 0.00	72.32 -3.18 0.00	65.35 -2.55 0.00
NIAGARA_115W_LBMP 323714	31.49 -0.13 0.00	25.17 -0.62 0.00	21.03 -0.60 0.00	22.52 -0.67 0.00	25.38 -0.76 0.00	26.81 -1.11 0.00	33.00 -1.30 0.00	26.50 -0.81 0.00	27.95 -0.44 0.00	40.21 0.55 0.00	38.69 0.41 0.00	40.13 0.48 -1.01	42.79 0.70 -2.26	46.52 0.90 -2.70	47.62 0.08 -2.69	45.96 -0.86 -1.25	67.64 -3.42 15.50	71.71 -3.61 1.66	76.65 -3.61 0.00	68.97 -3.62 0.00	70.70 -3.76 0.00	73.86 -4.33 0.00	72.53 -2.98 0.00	65.68 -2.22 0.00
NIAGARA_230_LBMP 323716	31.54 -0.08 0.00	25.22 -0.57 0.00	21.09 -0.55 0.00	22.57 -0.61 0.00	25.43 -0.71 0.00	26.87 -1.05 0.00	33.07 -1.22 0.00	26.57 -0.74 0.00	28.00 -0.39 0.00	40.22 0.56 0.00	38.69 0.40 0.00	40.11 0.48 -0.98	42.72 0.69 -2.19	46.45 0.91 -2.62	47.57 0.12 -2.61	45.99 -0.80 -1.22	68.54 -3.19 14.82	72.39 -2.99 1.59	77.29 -2.96 0.00	69.56 -3.04 0.00	71.30 -3.16 0.00	74.52 -3.67 0.00	72.80 -2.71 0.00	65.78 -2.12 0.00
NIAGARA___115KV_198_GIBSON 55903	31.49 -0.13 0.00	25.17 -0.62 0.00	21.03 -0.60 0.00	22.52 -0.67 0.00	25.38 -0.76 0.00	26.81 -1.11 0.00	32.99 -1.31 0.00	26.50 -0.80 0.00	27.95 -0.44 0.00	40.20 0.54 0.00	38.69 0.41 0.00	40.13 0.48 -1.01	42.79 0.69 -2.26	46.52 0.90 -2.70	47.61 0.08 -2.69	46.04 -0.78 -1.25	67.59 -3.46 15.50	71.74 -3.57 1.66	76.66 -3.60 0.00	68.97 -3.62 0.00	70.70 -3.76 0.00	73.86 -4.33 0.00	72.52 -2.98 0.00	65.68 -2.23 0.00
NIAGARA___ 23760	31.54 -0.08 0.00	25.22 -0.57 0.00	21.09 -0.55 0.00	22.57 -0.61 0.00	25.43 -0.71 0.00	26.87 -1.05 0.00	33.07 -1.22 0.00	26.57 -0.74 0.00	28.00 -0.39 0.00	40.22 0.56 0.00	38.69 0.40 0.00	40.15 0.48 -1.02	42.81 0.69 -2.28	46.56 0.91 -2.73	47.66 0.12 -2.71	46.04 -0.80 -1.27	68.37 -3.19 14.99	72.37 -2.99 1.61	77.29 -2.96 0.00	69.56 -3.04 0.00	71.30 -3.16 0.00	74.52 -3.67 0.00	72.80 -2.71 0.00	65.78 -2.12 0.00
NINE_MILE_1 23575	30.89 -0.73 0.00	25.18 -0.61 0.00	21.18 -0.45 0.00	22.71 -0.48 0.00	25.54 -0.59 0.00	27.24 -0.67 0.00	33.42 -0.88 0.00	26.61 -0.70 0.00	27.60 -0.79 0.00	38.56 -1.10 0.00	37.29 -1.00 0.00	37.64 -1.01 0.00	38.81 -1.02 0.00	41.92 0.00 0.00	43.56 -0.16 0.00	44.37 0.00 0.00	62.40 -2.50 21.66	68.50 -2.14 6.33	75.56 -2.11 2.58	70.87 -1.72 0.01	63.70 -1.96 8.79	61.13 -2.15 14.91	69.53 -2.30 3.68	65.29 -1.99 0.62
NINE_MILE_2 23744	30.90 -0.73 0.00	25.18 -0.61 0.00	21.18 -0.45 0.00	22.71 -0.48 0.00	25.54 -0.59 0.00	27.24 -0.67 0.00	33.42 -0.88 0.00	26.61 -0.70 0.00	27.60 -0.79 0.00	38.56 -1.10 0.00	37.29 -1.00 0.00	37.64 -1.01 0.00	38.81 -1.02 0.00	41.92 0.00 0.00	43.55 -0.16 0.00	44.37 0.00 0.00	62.21 -2.50 21.85	68.47 -2.12 6.39	75.54 -2.11 2.61	70.87 -1.72 0.01	63.63 -1.95 8.87	61.00 -2.14 15.05	69.49 -2.30 3.72	65.29 -1.99 0.63
NM_CAPITAL___DRP 24208	31.99 0.36 0.00	26.29 0.50 0.00	22.23 0.59 0.00	23.89 0.70 0.00	26.74 0.61 0.00	28.48 0.56 0.00	34.82 0.52 0.00	27.65 0.35 0.00	28.69 0.31 0.00	39.93 0.27 0.00	38.56 0.28 0.00	38.90 0.26 0.00	40.00 0.17 0.00	42.94 0.16 0.14	44.76 0.30 0.38	45.63 0.57 0.51	87.86 1.34 0.03	78.36 1.57 0.19	82.12 1.87 0.00	74.51 1.91 0.00	76.14 1.68 0.00	80.12 1.93 0.00	76.82 1.32 0.00	69.16 1.26 0.00
NM_CENTRAL___DRP 24181	31.49 -0.13 0.00	25.65 -0.14 0.00	21.60 -0.03 0.00	23.17 -0.02 0.00	26.05 -0.09 0.00	27.74 -0.17 0.00	34.03 -0.26 0.00	27.10 -0.21 0.00	28.13 -0.26 0.00	39.38 -0.29 0.00	38.12 -0.16 0.00	38.48 -0.17 0.00	39.68 -0.15 0.00	42.95 0.03 0.00	44.80 -0.05 0.00	45.52 -0.05 0.00	86.91 -0.31 -0.67	77.03 -0.14 -0.20	80.36 0.03 -0.08	72.83 0.24 0.00	74.73 0.00 -0.27	78.51 -0.15 -0.46	75.12 -0.51 -0.11	67.50 -0.43 -0.02

NM_FRONTIER___DRP 24179	31.49 -0.13 0.00	25.17 -0.62 0.00	21.03 -0.60 0.00	22.52 -0.67 0.00	25.38 -0.76 0.00	26.81 -1.11 0.00	32.99 -1.31 0.00	26.50 -0.80 0.00	27.95 -0.44 0.00	40.20 0.54 0.00	38.69 0.41 0.00	40.13 0.48 -1.01	42.79 0.69 -2.26	46.52 0.90 -2.70	47.61 0.08 -2.69	46.04 -0.78 -1.25	67.59 -3.46 15.50	71.74 -3.57 1.66	76.66 -3.60 0.00	68.97 -3.62 0.00	70.70 -3.76 0.00	73.86 -4.33 0.00	72.52 -2.98 0.00	65.68 -2.23 0.00
NM_ST_REGIS___HYD 24053	31.60 -0.02 0.00	25.46 -0.34 0.00	21.11 -0.52 0.00	22.47 -0.72 0.00	25.55 -0.58 0.00	27.58 -0.34 0.00	34.23 -0.07 0.00	27.38 0.08 0.00	28.68 0.30 0.00	40.08 0.41 0.00	38.23 -0.05 0.00	38.60 -0.04 0.00	39.78 -0.05 0.00	42.62 -0.30 0.00	44.82 -0.02 0.00	45.30 -0.27 0.00	86.32 -0.23 0.00	76.70 -0.27 0.00	80.11 -0.14 0.00	72.25 -0.34 0.00	75.04 0.59 0.00	78.74 0.55 0.00	76.61 1.10 0.00	68.42 0.51 0.00
NORTHPORT___1 23551	33.49 1.87 0.00	27.66 1.87 0.00	23.32 1.69 0.00	24.86 1.67 0.00	27.79 1.66 0.00	29.51 1.60 0.00	36.08 1.78 0.00	28.84 1.54 0.00	29.83 1.45 0.00	41.39 1.73 0.00	40.51 2.23 0.00	41.16 2.52 0.00	41.88 2.05 0.00	44.98 1.93 -0.13	47.16 1.97 -0.35	48.94 2.91 -0.46	92.96 6.39 -0.02	83.19 6.04 -0.17	86.92 6.67 0.00	78.55 5.95 0.00	79.41 4.95 0.00	83.43 5.24 0.00	79.13 3.62 0.00	71.57 3.67 0.00
NORTHPORT___2 23552	33.49 1.87 0.00	27.66 1.87 0.00	23.32 1.69 0.00	24.86 1.67 0.00	27.79 1.66 0.00	29.51 1.60 0.00	36.08 1.78 0.00	28.84 1.54 0.00	29.83 1.45 0.00	41.39 1.73 0.00	40.51 2.23 0.00	41.16 2.52 0.00	41.88 2.05 0.00	44.98 1.93 -0.13	47.16 1.97 -0.35	48.94 2.91 -0.46	92.96 6.39 -0.02	83.19 6.04 -0.17	86.92 6.67 0.00	78.55 5.95 0.00	79.41 4.95 0.00	83.43 5.24 0.00	79.13 3.62 0.00	71.57 3.67 0.00
NORTHPORT___3 23553	33.24 1.62 0.00	27.44 1.65 0.00	23.14 1.51 0.00	24.69 1.51 0.00	27.58 1.45 0.00	29.28 1.37 0.00	35.78 1.48 0.00	28.60 1.29 0.00	29.61 1.22 0.00	41.09 1.43 0.00	40.22 1.94 0.00	40.86 2.22 0.00	41.58 1.75 0.00	44.69 1.64 -0.13	46.91 1.71 -0.35	48.62 2.59 -0.46	92.32 5.74 -0.03	82.60 5.45 -0.17	86.24 5.99 0.00	77.94 5.35 0.00	78.81 4.36 0.00	82.82 4.63 0.00	78.54 3.03 0.00	70.98 3.08 0.00
NORTHPORT___4 23650	33.24 1.62 0.00	27.44 1.65 0.00	23.14 1.51 0.00	24.69 1.51 0.00	27.58 1.45 0.00	29.28 1.37 0.00	35.78 1.48 0.00	28.60 1.29 0.00	29.61 1.22 0.00	41.09 1.43 0.00	40.22 1.94 0.00	40.86 2.22 0.00	41.58 1.75 0.00	44.69 1.64 -0.13	46.91 1.71 -0.35	48.62 2.59 -0.46	92.32 5.74 -0.03	82.60 5.45 -0.17	86.24 5.99 0.00	77.94 5.35 0.00	78.81 4.36 0.00	82.82 4.63 0.00	78.54 3.03 0.00	70.98 3.08 0.00
NORTHPORT___IC 23718	33.50 1.87 0.00	27.66 1.87 0.00	23.32 1.69 0.00	24.86 1.68 0.00	27.79 1.66 0.00	29.51 1.60 0.00	36.08 1.79 0.00	28.84 1.54 0.00	29.84 1.45 0.00	41.40 1.73 0.00	40.51 2.23 0.00	41.16 2.51 0.00	41.89 2.06 0.00	44.98 1.93 -0.13	47.16 1.97 -0.35	48.94 2.91 -0.46	92.98 6.40 -0.03	83.20 6.06 -0.17	86.92 6.67 0.00	78.55 5.95 0.00	79.40 4.95 0.00	83.44 5.25 0.00	79.14 3.63 0.00	71.58 3.68 0.00
NORTH___COUNTRY_ESR 323785	31.13 -0.49 0.00	25.04 -0.75 0.00	20.86 -0.77 0.00	22.08 -1.11 0.00	25.03 -1.10 0.00	27.06 -0.85 0.00	33.70 -0.59 0.00	26.89 -0.41 0.00	28.15 -0.23 0.00	39.48 -0.18 0.00	37.61 -0.68 0.00	37.99 -0.66 0.00	39.35 -0.49 0.00	42.07 -0.85 0.00	44.26 -0.58 0.00	45.05 -0.52 0.00	86.51 -0.04 0.00	76.47 -0.50 0.00	79.11 -1.15 0.00	71.07 -1.53 0.00	73.56 -0.90 0.00	77.23 -0.96 0.00	75.00 -0.51 0.00	67.21 -0.69 0.00
NPX_GEN_1385_PROXY 323591	9.56 1.76 23.82	27.57 1.77 0.00	22.18 1.69 1.14	24.82 1.64 0.00	27.83 1.70 0.00	29.56 1.64 0.00	36.78 1.83 -0.65	28.84 1.54 0.00	29.83 1.45 0.00	41.35 1.69 0.00	-10.67 2.08 51.03	9.97 2.37 31.05	11.18 1.90 30.55	17.05 1.77 27.64	18.50 1.80 28.14	17.01 2.75 31.30	92.39 6.06 0.22	56.18 5.76 26.55	16.82 6.39 69.82	25.60 5.70 52.69	34.58 4.66 44.53	83.15 4.96 0.00	78.86 3.35 0.00	72.61 3.43 -1.27
NPX_GEN_CSC 323557	33.25 1.62 0.00	27.63 1.84 0.00	22.05 1.56 1.14	24.60 1.41 0.00	27.48 1.34 0.00	29.19 1.28 0.00	36.48 1.53 -0.65	28.78 1.48 0.00	29.82 1.43 0.00	41.12 1.45 0.00	40.29 2.01 0.00	40.91 2.27 0.00	41.62 1.79 0.00	44.58 1.53 -0.13	46.90 1.71 -0.35	48.97 2.94 -0.46	93.52 6.94 -0.03	83.83 6.69 -0.17	87.75 7.50 0.00	79.14 6.55 0.00	79.84 5.38 0.00	83.83 5.64 0.00	79.17 3.66 0.00	72.73 3.55 -1.27
NSINS_S_GLNS_FALLS 23858	32.78 1.16 0.00	26.96 1.16 0.00	22.75 1.12 0.00	24.43 1.24 0.00	27.41 1.28 0.00	29.21 1.29 0.00	35.81 1.52 0.00	28.50 1.19 0.00	29.58 1.19 0.00	41.18 1.52 0.00	39.46 1.18 0.00	39.74 1.10 0.00	40.55 0.72 0.00	43.22 0.53 0.24	44.90 0.70 0.63	45.71 0.99 0.84	88.94 2.44 0.05	79.57 2.92 0.31	84.53 4.28 0.00	76.92 4.32 0.00	78.95 4.49 0.00	82.99 4.80 0.00	79.14 3.63 0.00	71.43 3.52 0.00
NUCOR_STEEL___DRP 24197	31.82 0.20 0.00	25.88 0.09 0.00	21.80 0.17 0.00	23.45 0.26 0.00	26.28 0.14 0.00	28.08 0.16 0.00	34.35 0.05 0.00	27.47 0.16 0.00	28.49 0.11 0.00	39.78 0.12 0.00	38.49 0.21 0.00	38.79 0.15 0.00	40.01 0.18 0.00	43.47 0.55 0.00	45.37 0.52 -0.01	46.06 0.50 0.00	89.19 0.73 -1.90	78.23 0.70 -0.56	81.14 0.66 -0.23	73.84 1.24 0.00	76.46 1.23 -0.77	80.62 1.11 -1.31	76.54 0.71 -0.32	68.32 0.36 -0.05
NUMBER_THREE_WT_PWR 323818	31.09 -0.53 0.00	25.24 -0.55 0.00	21.11 -0.52 0.00	22.73 -0.46 0.00	25.93 -0.20 0.00	27.67 -0.24 0.00	34.02 -0.28 0.00	27.17 -0.14 0.00	28.12 -0.26 0.00	39.38 -0.28 0.00	37.90 -0.38 0.00	38.23 -0.41 0.00	39.52 -0.31 0.00	42.54 -0.38 0.00	44.79 -0.06 -0.01	44.92 -0.64 0.00	85.58 -1.95 -0.98	75.87 -1.39 -0.29	80.75 0.38 -0.12	73.73 1.14 0.00	76.71 1.86 -0.40	81.28 2.42 -0.67	78.12 2.44 -0.17	69.57 1.64 -0.03
NYISO_LBMP_REFERENCE 24008	31.62 0.00 0.00	25.79 0.00 0.00	21.63 0.00 0.00	23.19 0.00 0.00	26.13 0.00 0.00	27.91 0.00 0.00	34.30 0.00 0.00	27.30 0.00 0.00	28.39 0.00 0.00	39.66 0.00 0.00	38.28 0.00 0.00	38.64 0.00 0.00	39.83 0.00 0.00	42.92 0.00 0.00	44.84 0.00 0.00	45.56 0.00 0.00	86.55 0.00 0.00	76.97 0.00 0.00	80.25 0.00 0.00	72.60 0.00 0.00	74.46 0.00 0.00	78.19 0.00 0.00	75.51 0.00 0.00	67.90 0.00 0.00
NYPA_BRENTWD____GT 24164	33.85 2.23 0.00	27.94 2.14 0.00	23.54 1.90 0.00	25.08 1.89 0.00	28.04 1.90 0.00	29.77 1.86 0.00	36.43 2.14 0.00	29.19 1.88 0.00	30.23 1.85 0.00	41.95 2.29 0.00	41.04 2.76 0.00	41.70 3.06 0.00	42.43 2.60 0.00	45.55 2.50 -0.13	47.89 2.70 -0.35	49.79 3.76 -0.46	94.51 7.93 -0.03	84.27 7.12 -0.17	88.17 7.92 0.00	79.63 7.03 0.00	80.23 5.77 0.00	84.22 6.03 0.00	79.98 4.47 0.00	72.70 4.79 0.00

NYPA_GOWANUS____GT5 24156	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.74 4.84 0.00
NYPA_GOWANUS____GT6 24157	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.82 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.82 2.16 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.63 2.58 -0.13	48.11 2.91 -0.35	49.33 3.31 -0.46	93.03 6.46 -0.03	83.43 6.28 -0.17	87.00 6.75 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.74 4.84 0.00
NYPA_HARLEM__RVR__GT1 24160	33.41 1.79 0.00	27.64 1.85 0.00	23.35 1.72 0.00	25.04 1.85 0.00	27.86 1.73 0.00	29.49 1.58 0.00	36.11 1.81 0.00	28.99 1.69 0.00	30.00 1.62 0.00	41.78 2.12 0.00	40.72 2.43 0.00	41.06 2.42 0.00	42.16 2.33 0.00	45.61 2.56 -0.13	48.08 2.89 -0.35	49.44 3.41 -0.46	93.15 6.57 -0.03	83.54 6.39 -0.17	87.00 6.74 0.00	78.82 6.22 0.00	80.14 5.68 0.00	84.22 6.03 0.00	80.44 4.93 0.00	72.69 4.79 0.00
NYPA_HARLEM__RVR__GT2 24161	33.41 1.79 0.00	27.64 1.85 0.00	23.35 1.72 0.00	25.04 1.85 0.00	27.86 1.73 0.00	29.49 1.58 0.00	36.11 1.81 0.00	28.99 1.69 0.00	30.00 1.62 0.00	41.78 2.12 0.00	40.72 2.43 0.00	41.06 2.42 0.00	42.16 2.33 0.00	45.61 2.56 -0.13	48.08 2.89 -0.35	49.44 3.41 -0.46	93.15 6.57 -0.03	83.54 6.39 -0.17	87.00 6.74 0.00	78.82 6.22 0.00	80.14 5.68 0.00	84.22 6.03 0.00	80.44 4.93 0.00	72.69 4.79 0.00
NYPA_KENT____GT 24152	33.45 1.82 0.00	27.61 1.82 0.00	23.33 1.70 0.00	25.00 1.82 0.00	27.85 1.71 0.00	29.53 1.61 0.00	36.12 1.83 0.00	28.95 1.64 0.00	29.99 1.60 0.00	41.80 2.14 0.00	40.68 2.40 0.00	41.07 2.42 0.00	42.23 2.40 0.00	45.61 2.56 -0.13	48.09 2.90 -0.35	49.34 3.31 -0.46	93.05 6.48 -0.03	83.41 6.26 -0.17	86.93 6.68 0.00	78.78 6.18 0.00	80.08 5.62 0.00	84.17 5.97 0.00	80.34 4.83 0.00	72.64 4.74 0.00
NYPA_POUCH1____GT 24155	33.40 1.78 0.00	27.58 1.79 0.00	23.32 1.69 0.00	24.99 1.80 0.00	27.84 1.70 0.00	29.51 1.60 0.00	36.12 1.83 0.00	28.94 1.63 0.00	29.99 1.61 0.00	41.82 2.16 0.00	40.70 2.42 0.00	41.04 2.40 0.00	42.21 2.38 0.00	45.57 2.52 -0.13	48.02 2.83 -0.35	49.22 3.19 -0.46	92.74 6.16 -0.03	83.24 6.09 -0.17	86.78 6.52 0.00	78.66 6.07 0.00	79.96 5.50 0.00	84.03 5.84 0.00	80.29 4.78 0.00	72.64 4.74 0.00
NYPA_VERNON____GT2 24162	33.46 1.84 0.00	27.63 1.84 0.00	23.34 1.71 0.00	25.01 1.82 0.00	27.86 1.72 0.00	29.53 1.62 0.00	36.13 1.83 0.00	28.95 1.64 0.00	29.98 1.59 0.00	41.78 2.12 0.00	40.67 2.38 0.00	41.04 2.40 0.00	42.20 2.37 0.00	45.60 2.55 -0.13	48.07 2.88 -0.35	49.35 3.32 -0.46	93.08 6.50 -0.03	83.39 6.25 -0.17	86.93 6.68 0.00	78.75 6.16 0.00	80.07 5.62 0.00	84.17 5.98 0.00	80.32 4.81 0.00	72.57 4.67 0.00
NYPA_VERNON____GT3 24163	33.46 1.84 0.00	27.63 1.84 0.00	23.34 1.71 0.00	25.01 1.82 0.00	27.86 1.72 0.00	29.53 1.62 0.00	36.13 1.83 0.00	28.95 1.64 0.00	29.98 1.59 0.00	41.78 2.12 0.00	40.67 2.38 0.00	41.04 2.40 0.00	42.20 2.37 0.00	45.60 2.55 -0.13	48.07 2.88 -0.35	49.35 3.32 -0.46	93.08 6.50 -0.03	83.39 6.25 -0.17	86.93 6.68 0.00	78.75 6.16 0.00	80.07 5.62 0.00	84.17 5.98 0.00	80.32 4.81 0.00	72.57 4.67 0.00
NYPA____ASTORIA_CC1 323568	33.44 1.81 0.00	27.62 1.82 0.00	23.34 1.71 0.00	25.01 1.82 0.00	27.86 1.73 0.00	29.54 1.62 0.00	36.12 1.82 0.00	28.95 1.64 0.00	29.97 1.58 0.00	41.74 2.08 0.00	40.63 2.35 0.00	41.02 2.38 0.00	42.17 2.34 0.00	45.57 2.52 -0.13	48.04 2.85 -0.35	49.32 3.28 -0.46	92.99 6.41 -0.03	83.32 6.17 -0.17	86.86 6.60 0.00	78.69 6.09 0.00	80.00 5.54 0.00	84.09 5.90 0.00	80.24 4.74 0.00	72.49 4.59 0.00
NYPA____ASTORIA_CC2 323569	33.44 1.81 0.00	27.62 1.82 0.00	23.34 1.71 0.00	25.01 1.82 0.00	27.86 1.73 0.00	29.54 1.62 0.00	36.12 1.82 0.00	28.95 1.64 0.00	29.97 1.58 0.00	41.74 2.08 0.00	40.63 2.35 0.00	41.02 2.38 0.00	42.17 2.34 0.00	45.57 2.52 -0.13	48.04 2.85 -0.35	49.32 3.28 -0.46	92.99 6.41 -0.03	83.32 6.17 -0.17	86.86 6.60 0.00	78.69 6.09 0.00	80.00 5.54 0.00	84.09 5.90 0.00	80.24 4.74 0.00	72.49 4.59 0.00
NYPA____HOLTSVILL 23794	33.56 1.94 0.00	27.76 1.97 0.00	23.36 1.73 0.00	24.87 1.69 0.00	27.79 1.65 0.00	29.52 1.61 0.00	36.12 1.83 0.00	28.97 1.66 0.00	29.99 1.61 0.00	41.52 1.85 0.00	40.63 2.35 0.00	41.26 2.61 0.00	42.00 2.17 0.00	45.04 1.99 -0.13	47.36 2.16 -0.35	49.29 3.25 -0.46	93.82 7.24 -0.03	83.96 6.81 -0.17	87.80 7.55 0.00	79.26 6.67 0.00	80.06 5.60 0.00	84.13 5.94 0.00	79.66 4.15 0.00	72.00 4.10 0.00
NYPA____HELLGATE_GT1 24158	33.41 1.79 0.00	27.64 1.85 0.00	23.35 1.72 0.00	25.04 1.85 0.00	27.86 1.73 0.00	29.49 1.58 0.00	36.11 1.81 0.00	28.99 1.69 0.00	30.00 1.62 0.00	41.78 2.12 0.00	40.72 2.43 0.00	41.06 2.42 0.00	42.16 2.33 0.00	45.61 2.56 -0.13	48.08 2.89 -0.35	49.44 3.41 -0.46	93.14 6.56 -0.03	83.49 6.34 -0.17	87.00 6.74 0.00	78.82 6.22 0.00	80.14 5.68 0.00	84.22 6.03 0.00	80.44 4.93 0.00	72.69 4.79 0.00
NYPA____HELLGATE_GT2 24159	33.41 1.79 0.00	27.64 1.85 0.00	23.35 1.72 0.00	25.04 1.85 0.00	27.86 1.73 0.00	29.49 1.58 0.00	36.11 1.81 0.00	28.99 1.69 0.00	30.00 1.62 0.00	41.78 2.12 0.00	40.72 2.43 0.00	41.06 2.42 0.00	42.16 2.33 0.00	45.61 2.56 -0.13	48.08 2.89 -0.35	49.44 3.41 -0.46	93.14 6.56 -0.03	83.49 6.34 -0.17	87.00 6.74 0.00	78.82 6.22 0.00	80.14 5.68 0.00	84.22 6.03 0.00	80.44 4.93 0.00	72.69 4.79 0.00
NYS_BARGE____HYD 23848	31.90 0.28 0.00	25.48 -0.32 0.00	21.29 -0.34 0.00	22.78 -0.41 0.00	25.67 -0.46 0.00	27.14 -0.77 0.00	33.40 -0.90 0.00	26.82 -0.48 0.00	28.26 -0.13 0.00	40.67 1.00 0.00	39.13 0.85 0.00	40.72 0.91 -1.16	43.56 1.11 -2.61	47.43 1.40 -3.12	48.57 0.62 -3.11	46.82 -0.29 -1.55	69.40 -1.86 15.29	73.43 -1.90 1.64	78.29 -1.96 0.00	70.34 -2.25 0.00	72.09 -2.37 0.00	75.34 -2.85 0.00	73.57 -1.94 0.00	66.40 -1.50 0.00
OAK ORCHARD____HYD 24046	32.18 0.56 0.00	25.92 0.12 0.00	21.71 0.07 0.00	23.25 0.06 0.00	26.16 0.02 0.00	27.75 -0.16 0.00	34.12 -0.18 0.00	27.33 0.02 0.00	28.64 0.25 0.00	40.77 1.11 0.00	39.39 1.11 0.00	41.58 1.24 -1.70	45.14 1.49 -3.82	49.28 1.79 -4.57	50.77 1.37 -4.55	49.57 0.83 -3.18	87.10 0.54 0.00	77.50 0.52 0.00	80.83 0.57 0.00	73.00 0.40 0.00	74.58 0.12 0.00	77.97 -0.22 0.00	75.39 -0.12 0.00	67.85 -0.06 0.00

OAKDALE___35_KV_LOAD 356122	31.77 0.15 0.00	25.85 0.06 0.00	21.90 0.27 0.00	23.46 0.28 0.00	26.36 0.22 0.00	28.06 0.14 0.00	34.40 0.10 0.00	27.40 0.09 0.00	28.47 0.08 0.00	40.02 0.36 0.00	38.59 0.31 0.00	37.26 0.27 1.66	36.34 0.23 3.72	39.01 0.54 4.45	40.79 0.38 4.43	42.85 0.38 3.10	87.28 0.72 0.00	77.65 0.67 0.00	80.98 0.73 0.00	73.51 0.91 0.00	75.22 0.76 0.00	79.01 0.82 0.00	75.82 0.31 0.00	68.29 0.38 0.00
OCC_CHEM___DRP 24175	31.55 -0.07 0.00	25.20 -0.59 0.00	21.06 -0.57 0.00	22.55 -0.64 0.00	25.41 -0.72 0.00	26.84 -1.07 0.00	33.03 -1.27 0.00	26.55 -0.76 0.00	28.00 -0.39 0.00	40.26 0.60 0.00	38.76 0.48 0.00	40.21 0.56 -1.01	42.87 0.77 -2.27	46.62 0.99 -2.71	47.71 0.16 -2.70	46.13 -0.69 -1.26	67.66 -3.31 15.58	71.92 -3.39 1.67	76.83 -3.42 0.00	69.12 -3.48 0.00	70.85 -3.61 0.00	74.03 -4.17 0.00	72.64 -2.86 0.00	65.78 -2.12 0.00
OH_GEN_PROXY 24063	31.54 -0.08 0.00	25.23 -0.56 0.00	19.97 -0.53 1.14	22.60 -0.59 0.00	25.44 -0.69 0.00	26.89 -1.02 0.00	33.76 -1.19 -0.65	26.58 -0.73 0.00	28.01 -0.38 0.00	40.22 0.56 0.00	38.69 0.40 0.00	40.04 0.48 -0.91	42.56 0.68 -2.04	46.27 0.91 -2.44	47.42 0.14 -2.43	45.98 -0.75 -1.16	70.19 -3.01 13.35	72.70 -2.85 1.43	77.44 -2.82 0.00	69.72 -2.88 0.00	71.45 -3.00 0.00	74.69 -3.49 0.00	72.85 -2.66 0.00	67.08 -2.10 -1.27
OLIN_CORP_DRP 24177	31.51 -0.11 0.00	25.17 -0.63 0.00	21.02 -0.61 0.00	22.50 -0.68 0.00	25.38 -0.76 0.00	26.83 -1.09 0.00	33.00 -1.30 0.00	26.50 -0.80 0.00	27.93 -0.45 0.00	40.20 0.54 0.00	38.70 0.41 0.00	40.17 0.46 -1.06	42.85 0.63 -2.38	46.61 0.85 -2.85	47.72 0.04 -2.84	46.10 -0.79 -1.33	67.59 -2.98 15.98	72.33 -2.93 1.71	77.12 -3.13 0.00	69.24 -3.36 0.00	70.95 -3.51 0.00	74.12 -4.07 0.00	72.49 -3.02 0.00	65.48 -2.42 0.00
OLIN_CORP_DSASP 323712	31.55 -0.07 0.00	25.21 -0.59 0.00	21.06 -0.57 0.00	22.55 -0.64 0.00	25.41 -0.72 0.00	26.84 -1.07 0.00	33.04 -1.25 0.00	26.55 -0.76 0.00	28.00 -0.39 0.00	40.28 0.62 0.00	38.76 0.48 0.00	40.21 0.56 -1.01	42.88 0.78 -2.27	46.62 0.98 -2.71	47.71 0.17 -2.70	46.05 -0.77 -1.26	67.72 -3.25 15.58	71.87 -3.44 1.67	76.82 -3.44 0.00	69.12 -3.48 0.00	70.85 -3.61 0.00	74.03 -4.17 0.00	72.65 -2.86 0.00	65.78 -2.12 0.00
ONEIDA_HERK_LFGE 323681	31.82 0.19 0.00	25.90 0.11 0.00	21.73 0.10 0.00	23.35 0.17 0.00	26.41 0.28 0.00	28.18 0.27 0.00	34.62 0.33 0.00	27.59 0.29 0.00	28.64 0.25 0.00	40.07 0.41 0.00	38.70 0.42 0.00	38.97 0.33 0.00	40.17 0.34 0.00	43.31 0.39 0.00	45.41 0.56 0.00	46.02 0.46 0.00	87.19 0.64 0.00	77.77 0.80 0.00	82.01 1.75 0.00	74.64 2.04 0.00	76.82 2.36 0.00	80.84 2.65 0.00	77.90 2.40 0.00	69.70 1.80 0.00
ONEIDA___115KV_TB4 55905	32.23 0.61 0.00	26.25 0.46 0.00	22.09 0.46 0.00	23.71 0.52 0.00	26.69 0.55 0.00	28.47 0.56 0.00	34.96 0.66 0.00	27.81 0.51 0.00	28.88 0.49 0.00	40.36 0.70 0.00	39.13 0.84 0.00	39.32 0.68 0.00	40.51 0.68 0.00	43.78 0.86 0.00	45.74 0.89 0.00	46.72 1.15 0.00	88.69 2.14 0.00	79.18 2.21 0.00	83.02 2.76 0.00	75.42 2.82 0.00	77.39 2.93 0.00	81.29 3.10 0.00	78.08 2.57 0.00	69.96 2.06 0.00
ONONDAGA_REF_OCCRA 23987	31.64 0.02 0.00	25.77 -0.02 0.00	21.71 0.08 0.00	23.29 0.10 0.00	26.17 0.04 0.00	27.89 -0.02 0.00	34.21 -0.09 0.00	27.24 -0.06 0.00	28.26 -0.13 0.00	39.57 -0.09 0.00	38.29 0.01 0.00	38.63 -0.01 0.00	39.84 0.00 0.00	43.13 0.21 0.00	45.00 0.15 0.00	45.77 0.21 0.00	87.50 0.25 -0.69	77.56 0.38 -0.20	80.92 0.59 -0.08	73.37 0.77 0.00	75.32 0.58 -0.28	79.12 0.45 -0.48	75.66 0.03 -0.12	67.95 0.03 -0.02
ONONDAGA___COGEN 23986	31.61 -0.01 0.00	25.75 -0.05 0.00	21.69 0.05 0.00	23.26 0.07 0.00	26.13 0.00 0.00	27.87 -0.05 0.00	34.17 -0.13 0.00	27.22 -0.08 0.00	28.25 -0.14 0.00	39.53 -0.13 0.00	38.24 -0.04 0.00	38.59 -0.05 0.00	39.81 -0.02 0.00	43.12 0.19 0.00	45.00 0.13 -0.02	45.70 0.13 0.00	88.91 0.08 -2.27	77.82 0.18 -0.66	80.88 0.35 -0.27	73.20 0.60 0.00	75.77 0.40 -0.92	80.00 0.24 -1.57	75.75 -0.14 -0.39	67.84 -0.13 -0.06
ONTARIO___LFGE 23819	31.93 0.30 0.00	25.82 0.03 0.00	21.77 0.14 0.00	23.30 0.11 0.00	26.20 0.07 0.00	27.89 -0.02 0.00	34.25 -0.04 0.00	27.37 0.07 0.00	28.48 0.09 0.00	40.29 0.63 0.00	38.86 0.58 0.00	41.61 0.48 -2.48	45.87 0.47 -5.57	50.48 0.90 -6.66	52.11 0.63 -6.64	50.99 0.37 -5.05	97.71 0.11 -11.05	78.49 0.17 -1.34	81.18 0.83 -0.10	73.87 1.27 0.00	76.01 1.21 -0.34	79.71 0.94 -0.59	76.25 0.59 -0.14	68.46 0.54 -0.02
ORANGEVILLE_WT_PWR 323706	31.00 -0.63 0.00	24.83 -0.96 0.00	20.90 -0.74 0.00	22.41 -0.78 0.00	25.19 -0.94 0.00	26.75 -1.16 0.00	32.91 -1.39 0.00	26.43 -0.87 0.00	27.63 -0.76 0.00	39.68 0.02 0.00	38.10 -0.19 0.00	15.81 -0.35 22.47	-10.89 -0.28 50.44	-17.39 -0.01 60.30	-16.03 -0.80 60.08	-1.33 -1.68 45.21	4.32 -3.88 78.35	65.28 -3.30 8.39	77.28 -2.98 0.00	70.24 -2.36 0.00	72.55 -1.90 0.00	76.43 -1.76 0.00	74.35 -1.16 0.00	67.18 -0.72 0.00
ORANGEVILLE___ESR 323794	31.00 -0.63 0.00	24.83 -0.96 0.00	20.90 -0.74 0.00	22.41 -0.78 0.00	25.19 -0.94 0.00	26.75 -1.16 0.00	32.91 -1.39 0.00	26.43 -0.87 0.00	27.63 -0.76 0.00	39.68 0.02 0.00	38.10 -0.19 0.00	15.81 -0.35 22.47	-10.89 -0.28 50.44	-17.39 -0.01 60.30	-16.03 -0.80 60.08	-1.33 -1.68 45.21	4.32 -3.88 78.35	65.28 -3.30 8.39	77.28 -2.98 0.00	70.24 -2.36 0.00	72.55 -1.90 0.00	76.43 -1.76 0.00	74.35 -1.16 0.00	67.18 -0.72 0.00
OSWEGATCHIE___HYD 24044	31.37 -0.25 0.00	25.38 -0.41 0.00	21.13 -0.50 0.00	22.65 -0.54 0.00	25.78 -0.36 0.00	27.63 -0.29 0.00	34.08 -0.22 0.00	27.26 -0.05 0.00	28.37 -0.02 0.00	39.67 0.00 0.00	37.98 -0.30 0.00	38.27 -0.37 0.00	39.50 -0.33 0.00	42.46 -0.46 0.00	44.70 -0.15 -0.01	44.91 -0.66 0.00	85.90 -1.51 -0.87	76.09 -1.14 -0.25	80.29 -0.07 -0.10	72.84 0.24 0.00	75.93 1.12 -0.35	80.15 1.37 -0.60	77.30 1.65 -0.15	68.96 1.04 -0.03
OSWEGO___5 23606	31.10 -0.52 0.00	25.34 -0.46 0.00	21.31 -0.32 0.00	22.86 -0.33 0.00	25.72 -0.42 0.00	27.41 -0.50 0.00	33.63 -0.67 0.00	26.78 -0.52 0.00	27.80 -0.59 0.00	38.87 -0.79 0.00	37.57 -0.71 0.00	37.94 -0.71 0.00	39.12 -0.71 0.00	42.26 -0.66 0.00	44.17 -0.77 -0.10	44.73 -0.84 0.00	98.54 -1.83 -13.82	79.47 -1.55 -4.04	80.42 -1.48 -1.65	71.45 -1.16 -0.01	78.72 -1.35 -5.61	86.18 -1.52 -9.51	76.17 -1.69 -2.35	66.85 -1.45 -0.39
OSWEGO___6 23613	31.10 -0.52 0.00	25.34 -0.46 0.00	21.31 -0.32 0.00	22.86 -0.33 0.00	25.72 -0.42 0.00	27.41 -0.50 0.00	33.63 -0.67 0.00	26.78 -0.52 0.00	27.80 -0.59 0.00	38.87 -0.79 0.00	37.57 -0.71 0.00	37.94 -0.71 0.00	39.12 -0.71 0.00	42.26 -0.66 0.00	44.17 -0.77 -0.10	44.73 -0.84 0.00	98.54 -1.83 -13.82	79.47 -1.55 -4.04	80.42 -1.48 -1.65	71.45 -1.16 -0.01	78.72 -1.35 -5.61	86.18 -1.52 -9.51	76.17 -1.69 -2.35	66.85 -1.45 -0.39

OUTOKUMPU-AB___DRP 24206	32.07 0.45 0.00	25.61 -0.18 0.00	21.41 -0.22 0.00	22.92 -0.27 0.00	25.81 -0.33 0.00	27.28 -0.63 0.00	33.57 -0.73 0.00	26.99 -0.31 0.00	28.47 0.08 0.00	40.97 1.31 0.00	39.45 1.17 0.00	40.95 1.24 -1.07	43.67 1.44 -2.40	47.57 1.79 -2.86	48.73 1.04 -2.85	47.11 0.23 -1.32	68.55 -1.27 16.73	73.83 -1.35 1.79	78.90 -1.35 0.00	70.87 -1.72 0.00	72.66 -1.79 0.00	75.95 -2.24 0.00	74.17 -1.34 0.00	66.98 -0.92 0.00
OXBOW___BTM 323836	31.82 0.20 0.00	25.41 -0.39 0.00	21.24 -0.39 0.00	22.73 -0.45 0.00	25.61 -0.52 0.00	27.06 -0.85 0.00	33.31 -0.98 0.00	26.77 -0.54 0.00	28.25 -0.14 0.00	40.65 0.99 0.00	39.13 0.85 0.00	40.62 0.94 -1.04	43.33 1.16 -2.33	47.16 1.45 -2.79	48.29 0.67 -2.78	46.60 -0.25 -1.29	68.26 -2.13 16.16	72.92 -2.33 1.73	77.93 -2.32 0.00	69.87 -2.73 0.00	71.76 -2.69 0.00	75.02 -3.17 0.00	73.44 -2.07 0.00	66.38 -1.52 0.00
OXBOW___ 24026	31.82 0.20 0.00	25.41 -0.38 0.00	21.24 -0.39 0.00	22.73 -0.46 0.00	25.61 -0.52 0.00	27.06 -0.85 0.00	33.30 -0.99 0.00	26.77 -0.54 0.00	28.24 -0.14 0.00	40.64 0.98 0.00	39.13 0.85 0.00	40.62 0.94 -1.04	43.33 1.16 -2.33	47.15 1.44 -2.79	48.29 0.67 -2.78	46.68 -0.17 -1.29	68.23 -2.15 16.16	72.97 -2.28 1.73	77.95 -2.31 0.00	69.87 -2.72 0.00	71.75 -2.70 0.00	75.03 -3.16 0.00	73.43 -2.08 0.00	66.39 -1.51 0.00
OXY_CHEM_DSASP 323612	31.55 -0.07 0.00	25.20 -0.59 0.00	21.06 -0.57 0.00	22.55 -0.64 0.00	25.41 -0.72 0.00	26.84 -1.07 0.00	33.03 -1.27 0.00	26.55 -0.76 0.00	28.00 -0.39 0.00	40.26 0.60 0.00	38.76 0.48 0.00	40.21 0.56 -1.01	42.87 0.77 -2.27	46.62 0.99 -2.71	47.71 0.16 -2.70	46.13 -0.69 -1.26	67.66 -3.31 15.58	71.92 -3.39 1.67	76.83 -3.42 0.00	69.12 -3.48 0.00	70.85 -3.61 0.00	74.03 -4.17 0.00	72.64 -2.86 0.00	65.78 -2.12 0.00
OZONE_PARK_ESR 323760	33.71 2.09 0.00	27.81 2.02 0.00	23.51 1.88 0.00	25.18 2.00 0.00	28.05 1.92 0.00	29.76 1.84 0.00	36.40 2.11 0.00	29.15 1.85 0.00	30.25 1.86 0.00	42.18 2.52 0.00	41.02 2.74 0.00	41.42 2.78 0.00	42.62 2.79 0.00	46.06 3.01 -0.13	48.58 3.39 -0.35	49.89 3.86 -0.46	94.58 8.00 -0.03	84.85 7.71 -0.17	88.45 8.20 0.00	80.15 7.56 0.00	81.47 7.01 0.00	85.64 7.45 0.00	81.77 6.26 0.00	73.83 5.93 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.55 -0.07 0.00	25.20 -0.59 0.00	21.06 -0.57 0.00	22.55 -0.64 0.00	25.41 -0.72 0.00	26.84 -1.07 0.00	33.03 -1.27 0.00	26.55 -0.76 0.00	28.00 -0.39 0.00	40.26 0.60 0.00	38.76 0.48 0.00	40.21 0.56 -1.01	42.87 0.77 -2.27	46.62 0.99 -2.71	47.71 0.16 -2.70	46.13 -0.69 -1.26	67.66 -3.31 15.58	71.92 -3.39 1.67	76.83 -3.42 0.00	69.12 -3.48 0.00	70.85 -3.61 0.00	74.03 -4.17 0.00	72.64 -2.86 0.00	65.78 -2.12 0.00
PACKARD__115KV_DUPONT_184 80571	31.55 -0.07 0.00	25.20 -0.59 0.00	21.06 -0.57 0.00	22.55 -0.64 0.00	25.41 -0.72 0.00	26.84 -1.07 0.00	33.03 -1.27 0.00	26.55 -0.76 0.00	28.00 -0.39 0.00	40.26 0.60 0.00	38.76 0.48 0.00	40.21 0.56 -1.01	42.87 0.77 -2.27	46.62 0.99 -2.71	47.71 0.16 -2.70	46.13 -0.69 -1.26	67.66 -3.31 15.58	71.92 -3.39 1.67	76.83 -3.42 0.00	69.12 -3.48 0.00	70.85 -3.61 0.00	74.03 -4.17 0.00	72.64 -2.86 0.00	65.78 -2.12 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.41 1.79 0.00	27.61 1.81 0.00	23.33 1.70 0.00	25.01 1.82 0.00	27.84 1.71 0.00	29.50 1.58 0.00	36.12 1.83 0.00	28.97 1.67 0.00	30.00 1.62 0.00	41.81 2.14 0.00	40.73 2.45 0.00	41.08 2.44 0.00	42.21 2.38 0.00	45.64 2.59 -0.13	48.08 2.89 -0.35	49.42 3.39 -0.46	93.18 6.60 -0.03	83.58 6.44 -0.17	87.08 6.83 0.00	78.91 6.31 0.00	80.22 5.77 0.00	84.33 6.14 0.00	80.52 5.01 0.00	72.74 4.84 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.08 2.46 0.00	28.19 2.39 0.00	23.82 2.19 0.00	25.55 2.37 0.00	28.54 2.40 0.00	30.27 2.35 0.00	37.10 2.81 0.00	29.75 2.44 0.00	30.81 2.42 0.00	42.97 3.31 0.00	41.85 3.57 0.00	42.19 3.54 0.00	43.36 3.53 0.00	46.97 3.92 -0.13	49.49 4.30 -0.35	50.71 4.68 -0.46	95.64 9.06 -0.03	85.86 8.71 -0.17	89.44 9.19 0.00	81.05 8.45 0.00	82.44 7.98 0.00	86.69 8.50 0.00	82.78 7.27 0.00	74.78 6.88 0.00
PATROON__115KV_TB1 80586	32.05 0.43 0.00	26.32 0.52 0.00	22.25 0.62 0.00	23.91 0.72 0.00	26.77 0.64 0.00	28.52 0.60 0.00	34.87 0.58 0.00	27.69 0.38 0.00	28.75 0.36 0.00	39.99 0.32 0.00	38.63 0.35 0.00	38.97 0.33 0.00	40.09 0.25 0.00	43.06 0.28 0.14	44.89 0.42 0.37	45.77 0.70 0.49	88.16 1.64 0.03	78.65 1.86 0.18	82.42 2.17 0.00	74.78 2.18 0.00	76.42 1.96 0.00	80.39 2.20 0.00	77.08 1.57 0.00	69.37 1.47 0.00
PATTRSNVILLE___SOLAR 323815	32.58 0.96 0.00	26.66 0.86 0.00	22.47 0.84 0.00	24.13 0.94 0.00	27.09 0.96 0.00	28.88 0.97 0.00	35.40 1.11 0.00	28.10 0.79 0.00	29.12 0.73 0.00	40.47 0.81 0.00	39.02 0.74 0.00	39.33 0.68 0.00	40.52 0.68 0.00	43.50 0.73 0.15	45.13 0.70 0.41	45.63 0.62 0.55	87.94 1.42 0.03	78.66 1.89 0.20	82.80 2.54 0.00	75.58 2.99 0.00	77.60 3.15 0.00	81.53 3.34 0.00	78.31 2.81 0.00	70.46 2.56 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.85 0.23 0.00	25.46 -0.33 0.00	21.36 -0.27 0.00	22.83 -0.36 0.00	25.70 -0.43 0.00	27.20 -0.72 0.00	33.47 -0.82 0.00	26.92 -0.39 0.00	28.33 -0.06 0.00	40.68 1.02 0.00	39.10 0.82 0.00	40.47 0.84 -0.99	43.01 0.96 -2.22	46.97 1.40 -2.65	48.13 0.65 -2.64	46.69 -0.04 -1.16	68.37 -1.32 16.86	73.97 -1.20 1.81	79.03 -1.22 0.00	71.24 -1.35 0.00	73.07 -1.39 0.00	76.44 -1.76 0.00	74.19 -1.32 0.00	66.84 -1.06 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.33 1.71 0.00	27.46 1.67 0.00	23.22 1.59 0.00	24.91 1.73 0.00	27.81 1.67 0.00	29.54 1.63 0.00	36.15 1.86 0.00	28.88 1.57 0.00	29.98 1.59 0.00	41.86 2.20 0.00	40.62 2.34 0.00	40.93 2.28 0.00	42.02 2.19 0.00	45.38 2.36 -0.10	47.79 2.67 -0.28	49.08 3.14 -0.37	93.09 6.52 -0.02	83.44 6.33 -0.14	87.08 6.83 0.00	78.90 6.30 0.00	80.30 5.85 0.00	84.38 6.20 0.00	80.52 5.01 0.00	72.49 4.59 0.00
PEEKSKILL___ 23653	33.16 1.54 0.00	27.33 1.54 0.00	23.11 1.48 0.00	24.78 1.59 0.00	27.64 1.51 0.00	29.35 1.44 0.00	35.91 1.62 0.00	28.70 1.39 0.00	29.77 1.38 0.00	41.51 1.85 0.00	40.33 2.05 0.00	40.69 2.05 0.00	41.79 1.95 0.00	45.16 2.11 -0.13	47.57 2.38 -0.34	48.85 2.83 -0.46	92.35 5.76 -0.03	82.68 5.54 -0.17	86.19 5.93 0.00	78.15 5.55 0.00	79.50 5.04 0.00	83.57 5.38 0.00	79.79 4.28 0.00	71.94 4.04 0.00
PGE MADISON___WINDPWR 24146	32.18 0.56 0.00	26.18 0.39 0.00	22.25 0.62 0.00	23.84 0.66 0.00	26.79 0.65 0.00	28.74 0.82 0.00	35.47 1.18 0.00	28.48 1.18 0.00	29.72 1.33 0.00	41.79 2.13 0.00	40.42 2.13 0.00	39.97 1.98 0.66	40.24 1.89 1.48	43.53 2.37 1.76	45.52 2.43 1.76	46.91 2.42 1.08	95.69 5.45 -3.68	82.49 5.12 -0.39	85.04 4.79 0.00	79.07 6.48 0.00	80.56 6.10 0.00	84.29 6.10 0.00	80.66 5.15 0.00	72.93 5.03 0.00

PIERCEFIELD___HYD 23852	31.62 0.00 0.00	25.50 -0.29 0.00	21.13 -0.50 0.00	22.52 -0.67 0.00	25.63 -0.50 0.00	27.64 -0.28 0.00	34.27 -0.03 0.00	27.43 0.13 0.00	28.70 0.31 0.00	40.08 0.41 0.00	38.24 -0.04 0.00	38.60 -0.05 0.00	39.78 -0.05 0.00	42.66 -0.26 0.00	44.84 -0.01 0.00	45.20 -0.37 0.00	86.01 -0.54 0.00	76.51 -0.46 0.00	80.05 -0.21 0.00	72.20 -0.40 0.00	75.02 0.57 0.00	78.74 0.55 0.00	76.65 1.14 0.00	68.43 0.52 0.00
PINELAWN_CC_1 323563	33.67 2.05 0.00	27.78 1.98 0.00	23.42 1.79 0.00	24.98 1.79 0.00	27.90 1.76 0.00	29.62 1.71 0.00	36.26 1.96 0.00	29.03 1.73 0.00	30.08 1.69 0.00	41.77 2.11 0.00	40.86 2.57 0.00	41.44 2.80 0.00	42.04 2.21 0.00	44.89 1.84 -0.13	47.20 2.01 -0.35	49.04 3.01 -0.46	93.15 6.57 -0.03	83.38 6.23 -0.17	87.16 6.91 0.00	78.77 6.18 0.00	79.63 5.18 0.00	83.68 5.49 0.00	79.39 3.88 0.00	71.88 3.98 0.00
PJM_GEN_HTTP_PROXY 323702	33.35 1.73 0.00	28.64 1.73 -1.12	23.07 1.65 0.20	24.94 1.76 0.00	27.78 1.65 0.00	29.47 1.56 0.00	36.05 1.75 0.00	28.85 1.55 0.00	29.93 1.54 0.00	41.72 2.06 0.00	40.21 2.28 0.36	40.96 2.32 0.00	42.23 2.28 -0.12	45.50 2.45 -0.13	48.02 2.77 -0.41	49.23 3.21 -0.46	93.01 6.43 -0.03	83.27 6.13 -0.17	86.79 6.54 0.00	78.67 6.07 0.00	79.98 5.52 0.00	84.07 5.88 0.00	80.26 4.75 0.00	72.44 4.54 0.00
PJM_GEN_KEystone 24065	32.26 0.64 0.00	27.41 0.50 -1.12	22.03 0.60 0.20	23.81 0.62 0.00	26.66 0.52 0.00	28.28 0.36 0.00	34.68 0.39 0.00	27.76 0.45 0.00	28.91 0.52 0.00	40.71 1.05 0.00	38.96 1.03 0.36	39.62 0.98 0.00	40.90 0.94 -0.12	44.25 1.26 -0.07	46.19 1.10 -0.26	46.77 1.08 -0.12	85.19 1.89 3.25	78.47 1.75 0.25	82.13 1.87 0.00	74.40 1.81 0.00	76.01 1.55 0.00	79.80 1.61 0.00	76.58 1.07 0.00	69.05 1.15 0.00
PJM_GEN_NEPTUNE_PROXY 323594	33.32 1.70 0.00	28.59 1.68 -1.12	22.98 1.55 0.20	24.77 1.58 0.00	27.66 1.53 0.00	29.37 1.46 0.00	35.92 1.62 0.00	28.74 1.44 0.00	29.78 1.39 0.00	41.40 1.74 0.00	40.10 2.18 0.36	40.99 2.34 0.00	41.96 2.00 -0.12	45.03 1.98 -0.13	47.48 2.23 -0.41	49.04 3.02 -0.46	92.96 6.38 -0.03	83.16 6.01 -0.17	86.80 6.54 0.00	78.51 5.92 0.00	79.54 5.08 0.00	83.60 5.42 0.00	79.42 3.91 0.00	71.80 3.90 0.00
PJM_GEN_VFT_PROXY 323633	33.19 1.57 0.00	28.52 1.61 -1.12	22.97 1.54 0.20	24.84 1.65 0.00	27.66 1.52 0.00	29.33 1.42 0.00	35.88 1.58 0.00	28.73 1.43 0.00	29.79 1.40 0.00	41.51 1.85 0.00	40.03 2.10 0.36	40.76 2.11 0.00	42.03 2.07 -0.12	45.28 2.23 -0.13	47.80 2.55 -0.41	49.01 2.99 -0.46	92.57 5.99 -0.03	82.89 5.74 -0.17	86.39 6.14 0.00	78.31 5.71 0.00	79.61 5.15 0.00	83.69 5.50 0.00	79.88 4.37 0.00	72.17 4.27 0.00
PLATSBURG_115KV_PMLD1 355749	31.56 -0.06 0.00	25.37 -0.42 0.00	21.15 -0.48 0.00	22.39 -0.80 0.00	25.29 -0.85 0.00	27.30 -0.61 0.00	34.03 -0.26 0.00	27.17 -0.14 0.00	28.41 0.02 0.00	39.93 0.28 0.00	38.05 -0.23 0.00	38.38 -0.27 0.00	39.72 -0.11 0.00	42.47 -0.45 0.00	44.65 -0.19 0.00	45.51 -0.06 0.00	87.56 1.01 0.00	77.42 0.45 0.00	80.29 0.04 0.00	72.09 -0.51 0.00	74.51 0.05 0.00	78.34 0.15 0.00	75.86 0.35 0.00	67.91 0.01 0.00
PLEASANTVLY___LBMP 24000	32.90 1.28 0.00	27.12 1.33 0.00	22.94 1.31 0.00	24.62 1.43 0.00	27.48 1.34 0.00	29.19 1.27 0.00	35.69 1.40 0.00	28.46 1.16 0.00	29.52 1.13 0.00	41.16 1.50 0.00	39.94 1.65 0.00	40.28 1.64 0.00	41.33 1.50 0.00	44.62 1.56 -0.14	47.02 1.79 -0.39	48.26 2.18 -0.52	91.09 4.51 -0.03	81.52 4.35 -0.19	84.98 4.72 0.00	77.11 4.51 0.00	78.54 4.09 0.00	82.59 4.40 0.00	78.88 3.37 0.00	71.15 3.25 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.28 1.66 0.00	27.44 1.65 0.00	23.20 1.57 0.00	24.87 1.68 0.00	27.74 1.60 0.00	29.45 1.53 0.00	36.02 1.72 0.00	28.79 1.49 0.00	29.86 1.48 0.00	41.64 1.98 0.00	40.47 2.19 0.00	40.86 2.22 0.00	41.97 2.14 0.00	45.35 2.29 -0.13	47.79 2.60 -0.35	49.07 3.04 -0.47	92.77 6.19 -0.03	83.08 5.93 -0.17	86.59 6.33 0.00	78.50 5.90 0.00	79.86 5.41 0.00	83.94 5.75 0.00	80.11 4.60 0.00	72.27 4.37 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	33.28 1.66 0.00	27.44 1.65 0.00	23.20 1.57 0.00	24.87 1.68 0.00	27.74 1.60 0.00	29.45 1.53 0.00	36.02 1.72 0.00	28.79 1.49 0.00	29.86 1.48 0.00	41.64 1.98 0.00	40.47 2.19 0.00	40.86 2.22 0.00	41.97 2.14 0.00	45.35 2.29 -0.13	47.79 2.60 -0.35	49.07 3.04 -0.47	92.77 6.19 -0.03	83.08 5.93 -0.17	86.59 6.33 0.00	78.50 5.90 0.00	79.86 5.41 0.00	83.94 5.75 0.00	80.11 4.60 0.00	72.27 4.37 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.17 1.55 0.00	27.28 1.49 0.00	23.07 1.44 0.00	24.76 1.57 0.00	27.64 1.50 0.00	29.37 1.46 0.00	35.92 1.63 0.00	28.66 1.35 0.00	29.74 1.35 0.00	41.53 1.87 0.00	40.27 1.99 0.00	40.59 1.95 0.00	41.62 1.79 0.00	44.71 1.93 0.14	46.68 2.22 0.38	47.77 2.71 0.51	92.23 5.71 0.03	82.37 5.59 0.19	86.34 6.08 0.00	78.31 5.72 0.00	79.75 5.30 0.00	83.82 5.63 0.00	79.99 4.48 0.00	72.02 4.12 0.00
POLETTI_____ 23519	33.32 1.70 0.00	27.53 1.74 0.00	23.28 1.65 0.00	24.94 1.75 0.00	27.79 1.65 0.00	29.47 1.56 0.00	36.01 1.72 0.00	28.85 1.55 0.00	29.91 1.52 0.00	41.66 2.00 0.00	40.52 2.23 0.00	40.91 2.26 0.00	42.07 2.24 0.00	45.44 2.39 -0.13	47.93 2.73 -0.35	49.20 3.17 -0.46	92.93 6.35 -0.03	83.22 6.08 -0.17	86.71 6.45 0.00	78.59 5.99 0.00	79.88 5.43 0.00	83.99 5.80 0.00	80.19 4.68 0.00	72.42 4.53 0.00
POMONA___ESR 323819	33.21 1.59 0.00	27.35 1.56 0.00	23.12 1.49 0.00	24.79 1.60 0.00	27.67 1.53 0.00	29.38 1.47 0.00	35.96 1.66 0.00	28.73 1.43 0.00	29.81 1.42 0.00	41.58 1.92 0.00	40.39 2.11 0.00	40.75 2.10 0.00	41.88 2.04 0.00	45.28 2.24 -0.12	47.70 2.52 -0.33	49.00 2.99 -0.44	92.67 6.09 -0.03	82.94 5.80 -0.16	86.44 6.19 0.00	78.38 5.78 0.00	79.73 5.27 0.00	83.78 5.59 0.00	79.98 4.48 0.00	72.10 4.20 0.00
PORT_JEFF_3 23555	33.63 2.00 0.00	27.82 2.02 0.00	23.40 1.77 0.00	24.91 1.72 0.00	27.83 1.70 0.00	29.57 1.65 0.00	36.18 1.89 0.00	29.03 1.72 0.00	30.07 1.69 0.00	41.63 1.97 0.00	40.75 2.47 0.00	41.38 2.73 0.00	42.14 2.31 0.00	45.21 2.15 -0.13	47.54 2.35 -0.35	49.49 3.46 -0.46	94.23 7.65 -0.03	84.20 7.05 -0.17	88.06 7.80 0.00	79.48 6.89 0.00	80.28 5.82 0.00	84.50 6.31 0.00	79.97 4.46 0.00	72.26 4.36 0.00
PORT_JEFF_4 23616	33.63 2.00 0.00	27.82 2.02 0.00	23.40 1.77 0.00	24.91 1.72 0.00	27.83 1.70 0.00	29.57 1.65 0.00	36.18 1.89 0.00	29.03 1.72 0.00	30.07 1.69 0.00	41.63 1.97 0.00	40.75 2.47 0.00	41.38 2.73 0.00	42.14 2.31 0.00	45.21 2.15 -0.13	47.54 2.35 -0.35	49.49 3.46 -0.46	94.23 7.65 -0.03	84.20 7.05 -0.17	88.06 7.80 0.00	79.48 6.89 0.00	80.28 5.82 0.00	84.50 6.31 0.00	79.97 4.46 0.00	72.26 4.36 0.00

PORT_JEFF_IC 23713	33.64 2.02 0.00	27.82 2.03 0.00	23.41 1.78 0.00	24.91 1.72 0.00	27.83 1.70 0.00	29.57 1.66 0.00	36.20 1.91 0.00	29.04 1.73 0.00	30.10 1.71 0.00	41.68 2.01 0.00	40.78 2.50 0.00	41.42 2.78 0.00	42.21 2.38 0.00	45.27 2.22 -0.13	47.63 2.44 -0.35	49.60 3.57 -0.46	94.46 7.89 -0.03	84.16 7.01 -0.17	88.01 7.75 0.00	79.42 6.82 0.00	80.22 5.76 0.00	84.69 6.51 0.00	80.13 4.62 0.00	72.39 4.49 0.00
PPL PILGRIM_ST_GT1 24216	33.85 2.23 0.00	27.94 2.14 0.00	23.54 1.90 0.00	25.08 1.89 0.00	28.04 1.90 0.00	29.77 1.86 0.00	36.43 2.14 0.00	29.19 1.88 0.00	30.23 1.85 0.00	41.95 2.29 0.00	41.04 2.76 0.00	41.70 3.06 0.00	42.43 2.60 0.00	45.55 2.50 -0.13	47.89 2.70 -0.35	49.79 3.76 -0.46	94.51 7.93 -0.03	84.27 7.12 -0.17	88.17 7.92 0.00	79.63 7.03 0.00	80.23 5.77 0.00	84.22 6.03 0.00	79.98 4.47 0.00	72.70 4.79 0.00
PPL PILGRIM_ST_GT2 24217	33.85 2.23 0.00	27.94 2.14 0.00	23.54 1.90 0.00	25.08 1.89 0.00	28.04 1.90 0.00	29.77 1.86 0.00	36.43 2.14 0.00	29.19 1.88 0.00	30.23 1.85 0.00	41.95 2.29 0.00	41.04 2.76 0.00	41.70 3.06 0.00	42.43 2.60 0.00	45.55 2.50 -0.13	47.89 2.70 -0.35	49.79 3.76 -0.46	94.51 7.93 -0.03	84.27 7.12 -0.17	88.17 7.92 0.00	79.63 7.03 0.00	80.23 5.77 0.00	84.22 6.03 0.00	79.98 4.47 0.00	72.70 4.79 0.00
PPL_SHRM_GT3 24213	33.28 1.66 0.00	27.66 1.87 0.00	23.22 1.59 0.00	24.63 1.44 0.00	27.50 1.37 0.00	29.23 1.31 0.00	35.86 1.56 0.00	28.81 1.50 0.00	29.84 1.45 0.00	41.16 1.49 0.00	40.32 2.04 0.00	40.95 2.30 0.00	41.66 1.83 0.00	44.61 1.56 -0.13	46.91 1.72 -0.35	49.01 2.98 -0.46	93.60 7.02 -0.03	83.98 6.83 -0.17	87.94 7.69 0.00	79.32 6.72 0.00	80.01 5.56 0.00	83.96 5.77 0.00	79.30 3.80 0.00	71.55 3.65 0.00
PPL_SHRM_GT4 24214	33.28 1.66 0.00	27.66 1.87 0.00	23.22 1.59 0.00	24.63 1.44 0.00	27.50 1.37 0.00	29.23 1.31 0.00	35.86 1.56 0.00	28.81 1.50 0.00	29.84 1.45 0.00	41.16 1.49 0.00	40.32 2.04 0.00	40.95 2.30 0.00	41.66 1.83 0.00	44.61 1.56 -0.13	46.91 1.72 -0.35	49.01 2.98 -0.46	93.60 7.02 -0.03	83.98 6.83 -0.17	87.94 7.69 0.00	79.32 6.72 0.00	80.01 5.56 0.00	83.96 5.77 0.00	79.30 3.80 0.00	71.55 3.65 0.00
PROJECT___ORANGE 1 24174	31.50 -0.12 0.00	25.66 -0.13 0.00	21.61 -0.02 0.00	23.17 -0.01 0.00	26.05 -0.08 0.00	27.75 -0.16 0.00	34.04 -0.26 0.00	27.10 -0.20 0.00	28.13 -0.26 0.00	39.39 -0.27 0.00	38.13 -0.15 0.00	38.49 -0.16 0.00	39.70 -0.13 0.00	42.97 0.05 0.00	44.81 -0.03 0.00	45.55 -0.02 0.00	86.82 -0.27 -0.54	77.02 -0.11 -0.16	80.41 0.09 -0.06	72.86 0.26 0.00	74.70 0.02 -0.22	78.43 -0.13 -0.37	75.11 -0.49 -0.09	67.49 -0.43 -0.02
PROJECT___ORANGE 2 24166	31.50 -0.12 0.00	25.66 -0.13 0.00	21.61 -0.02 0.00	23.17 -0.01 0.00	26.05 -0.08 0.00	27.75 -0.16 0.00	34.04 -0.26 0.00	27.10 -0.20 0.00	28.13 -0.26 0.00	39.39 -0.27 0.00	38.13 -0.15 0.00	38.49 -0.16 0.00	39.70 -0.13 0.00	42.97 0.05 0.00	44.81 -0.03 0.00	45.55 -0.02 0.00	86.82 -0.27 -0.54	77.02 -0.11 -0.16	80.41 0.09 -0.06	72.86 0.26 0.00	74.70 0.02 -0.22	78.43 -0.13 -0.37	75.11 -0.49 -0.09	67.49 -0.43 -0.02
PUCKETT___SOLAR 323809	31.88 0.25 0.00	25.95 0.16 0.00	22.03 0.40 0.00	23.59 0.40 0.00	26.48 0.34 0.00	28.26 0.34 0.00	34.65 0.36 0.00	27.63 0.32 0.00	28.75 0.36 0.00	40.42 0.76 0.00	38.99 0.71 0.00	37.87 0.60 1.37	37.20 0.46 3.09	39.90 0.67 3.69	41.66 0.50 3.68	43.51 0.52 2.57	88.12 1.57 0.00	78.56 1.59 0.00	81.78 1.53 0.00	74.62 2.02 0.00	76.38 1.92 0.00	80.25 2.06 0.00	76.82 1.31 0.00	69.33 1.42 0.00
PYRITES___HYD 24023	32.25 0.62 0.00	25.97 0.18 0.00	21.49 -0.14 0.00	22.89 -0.30 0.00	26.03 -0.10 0.00	28.09 0.17 0.00	34.86 0.56 0.00	27.91 0.60 0.00	29.20 0.81 0.00	40.74 1.08 0.00	38.67 0.39 0.00	38.97 0.33 0.00	39.97 0.13 0.00	42.89 -0.03 0.00	45.24 0.39 0.00	45.42 -0.14 0.00	86.39 -0.16 0.00	76.92 -0.05 0.00	80.83 0.58 0.00	72.94 0.35 0.00	76.32 1.87 0.00	80.20 2.01 0.00	78.03 2.52 0.00	69.56 1.66 0.00
QUAKERRD_115KV_BK1 80622	31.41 -0.21 0.00	25.35 -0.45 0.00	21.24 -0.39 0.00	22.75 -0.43 0.00	25.60 -0.53 0.00	27.19 -0.72 0.00	33.41 -0.88 0.00	26.74 -0.56 0.00	27.99 -0.40 0.00	39.72 0.06 0.00	38.39 0.11 0.00	40.24 0.21 -1.39	43.35 0.39 -3.13	47.26 0.60 -3.74	48.81 0.24 -3.73	47.98 -0.19 -2.61	85.22 -1.33 0.00	75.86 -1.12 0.00	79.17 -1.09 0.00	71.53 -1.07 0.00	73.11 -1.35 0.00	76.41 -1.78 0.00	73.81 -1.70 0.00	66.40 -1.50 0.00
QUENSBRY_115KV_TB8 356137	32.71 1.09 0.00	26.92 1.13 0.00	22.71 1.08 0.00	24.38 1.19 0.00	27.39 1.25 0.00	29.19 1.28 0.00	35.80 1.51 0.00	28.54 1.23 0.00	29.57 1.18 0.00	41.23 1.57 0.00	39.45 1.17 0.00	39.75 1.10 0.00	40.42 0.59 0.00	43.08 0.39 0.23	44.82 0.58 0.61	45.77 1.01 0.81	88.96 2.46 0.05	79.71 3.03 0.30	84.90 4.64 0.00	77.22 4.63 0.00	79.21 4.75 0.00	83.28 5.09 0.00	79.21 3.70 0.00	71.54 3.64 0.00
RAMAPO___LBMP 323565	33.06 1.44 0.00	27.23 1.43 0.00	23.02 1.39 0.00	24.69 1.50 0.00	27.56 1.42 0.00	29.26 1.35 0.00	35.82 1.53 0.00	28.62 1.31 0.00	29.68 1.30 0.00	41.40 1.74 0.00	40.22 1.94 0.00	40.54 1.90 0.00	41.65 1.82 0.00	45.03 1.99 -0.12	47.44 2.27 -0.33	48.70 2.70 -0.43	92.07 5.50 -0.03	82.40 5.26 -0.16	85.89 5.63 0.00	77.90 5.30 0.00	79.27 4.81 0.00	83.31 5.12 0.00	79.55 4.05 0.00	71.73 3.83 0.00
RANKINE____ 23646	31.90 0.28 0.00	25.49 -0.30 0.00	21.37 -0.27 0.00	22.85 -0.34 0.00	25.72 -0.41 0.00	27.22 -0.69 0.00	33.49 -0.80 0.00	26.95 -0.36 0.00	28.39 0.00 0.00	40.80 1.14 0.00	39.23 0.95 0.00	40.65 0.97 -1.04	43.28 1.11 -2.33	47.21 1.50 -2.79	48.36 0.74 -2.78	46.67 -0.04 -1.15	65.44 -1.54 19.57	73.55 -1.33 2.10	78.99 -1.26 0.00	71.24 -1.36 0.00	73.18 -1.28 0.00	76.54 -1.64 0.00	74.48 -1.03 0.00	67.16 -0.74 0.00
RAVENSWOOD_GT2_1 24244	33.37 1.75 0.00	27.55 1.75 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.80 1.67 0.00	29.50 1.59 0.00	36.08 1.78 0.00	28.88 1.57 0.00	29.95 1.56 0.00	41.74 2.08 0.00	40.59 2.31 0.00	40.98 2.34 0.00	42.14 2.31 0.00	45.52 2.47 -0.13	47.98 2.79 -0.35	49.27 3.24 -0.46	93.05 6.47 -0.03	83.33 6.18 -0.17	86.86 6.60 0.00	78.71 6.11 0.00	80.02 5.56 0.00	84.13 5.94 0.00	80.29 4.79 0.00	72.51 4.61 0.00
RAVENSWOOD_GT2_2 24245	33.37 1.75 0.00	27.55 1.75 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.80 1.67 0.00	29.50 1.59 0.00	36.08 1.78 0.00	28.88 1.57 0.00	29.95 1.56 0.00	41.74 2.08 0.00	40.59 2.31 0.00	40.98 2.34 0.00	42.14 2.31 0.00	45.52 2.47 -0.13	47.98 2.79 -0.35	49.27 3.24 -0.46	93.05 6.47 -0.03	83.33 6.18 -0.17	86.86 6.60 0.00	78.71 6.11 0.00	80.02 5.56 0.00	84.13 5.94 0.00	80.29 4.79 0.00	72.51 4.61 0.00



RAVENSWOOD_GT2_3 24246	33.39 1.76 0.00	27.56 1.76 0.00	23.30 1.67 0.00	24.97 1.78 0.00	27.82 1.68 0.00	29.51 1.60 0.00	36.09 1.80 0.00	28.90 1.59 0.00	29.97 1.58 0.00	41.78 2.11 0.00	40.62 2.34 0.00	41.01 2.36 0.00	42.16 2.33 0.00	45.55 2.50 -0.13	48.02 2.83 -0.35	49.31 3.28 -0.46	93.11 6.53 -0.03	83.40 6.25 -0.17	86.92 6.67 0.00	78.76 6.16 0.00	80.10 5.64 0.00	84.18 5.99 0.00	80.36 4.85 0.00	72.56 4.66 0.00
RAVENSWOOD_GT2_4 24247	33.39 1.76 0.00	27.56 1.76 0.00	23.30 1.67 0.00	24.97 1.78 0.00	27.82 1.68 0.00	29.51 1.60 0.00	36.09 1.80 0.00	28.90 1.59 0.00	29.97 1.58 0.00	41.78 2.11 0.00	40.62 2.34 0.00	41.01 2.36 0.00	42.16 2.33 0.00	45.55 2.50 -0.13	48.02 2.83 -0.35	49.31 3.28 -0.46	93.11 6.53 -0.03	83.40 6.25 -0.17	86.92 6.67 0.00	78.76 6.16 0.00	80.10 5.64 0.00	84.18 5.99 0.00	80.36 4.85 0.00	72.56 4.66 0.00
RAVENSWOOD_GT3_1 24248	33.38 1.76 0.00	27.55 1.76 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.81 1.67 0.00	29.50 1.59 0.00	36.08 1.78 0.00	28.89 1.58 0.00	29.95 1.56 0.00	41.75 2.09 0.00	40.60 2.32 0.00	40.99 2.34 0.00	42.14 2.31 0.00	45.53 2.48 -0.13	48.00 2.81 -0.35	49.29 3.25 -0.46	93.08 6.50 -0.03	83.35 6.20 -0.17	86.87 6.61 0.00	78.73 6.13 0.00	80.03 5.57 0.00	84.15 5.96 0.00	80.32 4.81 0.00	72.51 4.61 0.00
RAVENSWOOD_GT3_2 24249	33.38 1.76 0.00	27.55 1.76 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.81 1.67 0.00	29.50 1.59 0.00	36.08 1.78 0.00	28.89 1.58 0.00	29.95 1.56 0.00	41.75 2.09 0.00	40.60 2.32 0.00	40.99 2.34 0.00	42.14 2.31 0.00	45.53 2.48 -0.13	48.00 2.81 -0.35	49.29 3.25 -0.46	93.08 6.50 -0.03	83.35 6.20 -0.17	86.87 6.61 0.00	78.73 6.13 0.00	80.03 5.57 0.00	84.15 5.96 0.00	80.32 4.81 0.00	72.51 4.61 0.00
RAVENSWOOD_GT3_3 24250	33.43 1.81 0.00	27.59 1.79 0.00	23.32 1.69 0.00	25.00 1.81 0.00	27.85 1.72 0.00	29.54 1.63 0.00	36.14 1.84 0.00	28.93 1.63 0.00	30.00 1.62 0.00	41.82 2.16 0.00	40.67 2.39 0.00	41.06 2.42 0.00	42.23 2.40 0.00	45.63 2.58 -0.13	48.10 2.91 -0.35	49.38 3.35 -0.46	93.26 6.68 -0.03	83.53 6.38 -0.17	87.04 6.78 0.00	78.89 6.29 0.00	80.19 5.74 0.00	84.31 6.12 0.00	80.48 4.97 0.00	72.66 4.76 0.00
RAVENSWOOD_GT3_4 24251	33.43 1.81 0.00	27.59 1.79 0.00	23.32 1.69 0.00	25.00 1.81 0.00	27.85 1.72 0.00	29.54 1.63 0.00	36.14 1.84 0.00	28.93 1.63 0.00	30.00 1.62 0.00	41.82 2.16 0.00	40.67 2.39 0.00	41.06 2.42 0.00	42.23 2.40 0.00	45.63 2.58 -0.13	48.10 2.91 -0.35	49.38 3.35 -0.46	93.26 6.68 -0.03	83.53 6.38 -0.17	87.04 6.78 0.00	78.89 6.29 0.00	80.19 5.74 0.00	84.31 6.12 0.00	80.48 4.97 0.00	72.66 4.76 0.00
RAVENSWOOD_GT_1 23729	33.46 1.85 0.00	27.64 1.84 0.00	23.34 1.71 0.00	25.01 1.82 0.00	27.86 1.72 0.00	29.53 1.62 0.00	36.13 1.83 0.00	28.95 1.64 0.00	29.98 1.59 0.00	41.79 2.12 0.00	40.67 2.38 0.00	41.04 2.39 0.00	42.21 2.38 0.00	45.60 2.55 -0.13	48.08 2.89 -0.35	49.36 3.33 -0.46	93.08 6.50 -0.03	83.39 6.25 -0.17	86.93 6.68 0.00	78.75 6.16 0.00	80.08 5.62 0.00	84.17 5.98 0.00	80.32 4.81 0.00	72.58 4.68 0.00
RAVENSWOOD_GT_10 24258	33.37 1.75 0.00	27.55 1.75 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.80 1.67 0.00	29.50 1.59 0.00	36.08 1.78 0.00	28.88 1.58 0.00	29.95 1.56 0.00	41.75 2.09 0.00	40.59 2.31 0.00	40.99 2.34 0.00	42.14 2.31 0.00	45.53 2.48 -0.13	48.00 2.80 -0.35	49.28 3.25 -0.46	93.08 6.50 -0.03	83.34 6.19 -0.17	86.87 6.61 0.00	78.72 6.13 0.00	80.03 5.57 0.00	84.14 5.95 0.00	80.32 4.81 0.00	72.51 4.61 0.00
RAVENSWOOD_GT_11 24259	33.37 1.75 0.00	27.55 1.75 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.80 1.67 0.00	29.50 1.59 0.00	36.08 1.78 0.00	28.88 1.58 0.00	29.95 1.56 0.00	41.75 2.09 0.00	40.59 2.31 0.00	40.99 2.34 0.00	42.14 2.31 0.00	45.53 2.48 -0.13	48.00 2.80 -0.35	49.28 3.25 -0.46	93.08 6.50 -0.03	83.34 6.19 -0.17	86.87 6.61 0.00	78.72 6.13 0.00	80.03 5.57 0.00	84.14 5.95 0.00	80.32 4.81 0.00	72.51 4.61 0.00
RAVENSWOOD_GT_4 24252	33.37 1.75 0.00	27.54 1.75 0.00	23.28 1.65 0.00	24.95 1.76 0.00	27.80 1.67 0.00	29.49 1.58 0.00	36.07 1.77 0.00	28.87 1.57 0.00	29.94 1.56 0.00	41.74 2.08 0.00	40.58 2.30 0.00	40.97 2.33 0.00	42.12 2.29 0.00	45.51 2.46 -0.13	47.98 2.79 -0.35	49.26 3.24 -0.46	93.06 6.48 -0.03	83.33 6.18 -0.17	86.87 6.61 0.00	78.72 6.13 0.00	80.02 5.56 0.00	84.13 5.94 0.00	80.32 4.81 0.00	72.51 4.61 0.00
RAVENSWOOD_GT_5 24254	33.37 1.75 0.00	27.54 1.75 0.00	23.28 1.65 0.00	24.95 1.76 0.00	27.80 1.67 0.00	29.49 1.58 0.00	36.07 1.77 0.00	28.87 1.57 0.00	29.94 1.56 0.00	41.74 2.08 0.00	40.58 2.30 0.00	40.97 2.33 0.00	42.12 2.29 0.00	45.51 2.46 -0.13	47.98 2.79 -0.35	49.26 3.24 -0.46	93.06 6.48 -0.03	83.33 6.18 -0.17	86.87 6.61 0.00	78.72 6.13 0.00	80.02 5.56 0.00	84.13 5.94 0.00	80.32 4.81 0.00	72.51 4.61 0.00
RAVENSWOOD_GT_6 24253	33.37 1.75 0.00	27.54 1.75 0.00	23.28 1.65 0.00	24.95 1.76 0.00	27.80 1.67 0.00	29.49 1.58 0.00	36.07 1.77 0.00	28.87 1.57 0.00	29.94 1.56 0.00	41.74 2.08 0.00	40.58 2.30 0.00	40.97 2.33 0.00	42.12 2.29 0.00	45.51 2.46 -0.13	47.98 2.79 -0.35	49.26 3.24 -0.46	93.06 6.48 -0.03	83.33 6.18 -0.17	86.87 6.61 0.00	78.72 6.13 0.00	80.02 5.56 0.00	84.13 5.94 0.00	80.32 4.81 0.00	72.51 4.61 0.00
RAVENSWOOD_GT_7 24255	33.37 1.75 0.00	27.54 1.75 0.00	23.28 1.65 0.00	24.95 1.76 0.00	27.80 1.67 0.00	29.49 1.58 0.00	36.07 1.77 0.00	28.87 1.57 0.00	29.94 1.56 0.00	41.74 2.08 0.00	40.58 2.30 0.00	40.97 2.33 0.00	42.12 2.29 0.00	45.51 2.46 -0.13	47.98 2.79 -0.35	49.26 3.24 -0.46	93.06 6.48 -0.03	83.33 6.18 -0.17	86.87 6.61 0.00	78.72 6.13 0.00	80.02 5.56 0.00	84.13 5.94 0.00	80.32 4.81 0.00	72.51 4.61 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.37 1.75 0.00	27.55 1.75 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.80 1.67 0.00	29.50 1.59 0.00	36.08 1.78 0.00	28.88 1.58 0.00	29.95 1.56 0.00	41.75 2.09 0.00	40.59 2.31 0.00	40.99 2.34 0.00	42.14 2.31 0.00	45.53 2.48 -0.13	48.00 2.80 -0.35	49.28 3.25 -0.46	93.08 6.50 -0.03	83.34 6.19 -0.17	86.87 6.61 0.00	78.72 6.13 0.00	80.03 5.57 0.00	84.14 5.95 0.00	80.32 4.81 0.00	72.51 4.61 0.00
RAVENSWOOD_GT_9 24257	33.37 1.75 0.00	27.55 1.75 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.80 1.67 0.00	29.50 1.59 0.00	36.08 1.78 0.00	28.88 1.58 0.00	29.95 1.56 0.00	41.75 2.09 0.00	40.59 2.31 0.00	40.99 2.34 0.00	42.14 2.31 0.00	45.53 2.48 -0.13	48.00 2.80 -0.35	49.28 3.25 -0.46	93.08 6.50 -0.03	83.34 6.19 -0.17	86.87 6.61 0.00	78.72 6.13 0.00	80.03 5.57 0.00	84.14 5.95 0.00	80.32 4.81 0.00	72.51 4.61 0.00

RAVENSWOOD___1 23533	33.40 1.78 0.00	27.59 1.79 0.00	23.34 1.71 0.00	25.01 1.82 0.00	27.86 1.72 0.00	29.53 1.62 0.00	36.13 1.83 0.00	28.95 1.64 0.00	29.98 1.59 0.00	41.78 2.12 0.00	40.67 2.38 0.00	41.04 2.40 0.00	42.20 2.37 0.00	45.60 2.55 -0.13	48.07 2.88 -0.35	49.35 3.32 -0.46	93.08 6.50 -0.03	83.39 6.25 -0.17	86.93 6.68 0.00	78.75 6.16 0.00	80.07 5.62 0.00	84.17 5.98 0.00	80.32 4.81 0.00	72.57 4.67 0.00
RAVENSWOOD___2 23534	33.40 1.78 0.00	27.59 1.79 0.00	23.34 1.71 0.00	25.01 1.82 0.00	27.86 1.72 0.00	29.53 1.62 0.00	36.13 1.83 0.00	28.95 1.64 0.00	29.98 1.59 0.00	41.78 2.12 0.00	40.67 2.38 0.00	41.04 2.40 0.00	42.20 2.37 0.00	45.60 2.55 -0.13	48.07 2.88 -0.35	49.35 3.32 -0.46	93.08 6.50 -0.03	83.39 6.25 -0.17	86.93 6.68 0.00	78.75 6.16 0.00	80.07 5.62 0.00	84.17 5.98 0.00	80.32 4.81 0.00	72.57 4.67 0.00
RAVENSWOOD___3 23535	33.38 1.76 0.00	27.55 1.76 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.81 1.67 0.00	29.50 1.59 0.00	36.08 1.78 0.00	28.88 1.58 0.00	29.95 1.56 0.00	41.74 2.08 0.00	40.60 2.32 0.00	40.99 2.35 0.00	42.14 2.31 0.00	45.54 2.49 -0.13	48.00 2.81 -0.35	49.28 3.25 -0.46	93.08 6.50 -0.03	83.34 6.20 -0.17	86.86 6.61 0.00	78.73 6.13 0.00	80.03 5.57 0.00	84.15 5.96 0.00	80.32 4.81 0.00	72.50 4.60 0.00
RAVENSWOOD___4 23820	33.40 1.78 0.00	27.59 1.79 0.00	23.34 1.71 0.00	25.01 1.82 0.00	27.86 1.72 0.00	29.53 1.62 0.00	36.13 1.83 0.00	28.95 1.64 0.00	29.98 1.59 0.00	41.78 2.12 0.00	40.67 2.38 0.00	41.04 2.40 0.00	42.20 2.37 0.00	45.60 2.55 -0.13	48.07 2.88 -0.35	49.35 3.32 -0.46	93.08 6.50 -0.03	83.39 6.25 -0.17	86.93 6.68 0.00	78.75 6.16 0.00	80.07 5.62 0.00	84.17 5.98 0.00	80.32 4.81 0.00	72.57 4.67 0.00
RCPL_TRUST___DRP 24196	33.38 1.76 0.00	27.55 1.76 0.00	23.30 1.67 0.00	24.97 1.79 0.00	27.82 1.68 0.00	29.51 1.60 0.00	36.09 1.80 0.00	28.90 1.59 0.00	29.97 1.58 0.00	41.78 2.12 0.00	40.63 2.35 0.00	41.02 2.38 0.00	42.18 2.35 0.00	45.57 2.52 -0.13	48.04 2.85 -0.35	49.32 3.29 -0.46	93.16 6.58 -0.03	83.42 6.28 -0.17	86.94 6.69 0.00	78.80 6.20 0.00	80.10 5.64 0.00	84.20 6.01 0.00	80.37 4.86 0.00	72.56 4.66 0.00
RED___ROCHESTER 323720	32.45 0.83 0.00	26.11 0.32 0.00	21.86 0.23 0.00	23.41 0.23 0.00	26.34 0.21 0.00	27.95 0.04 0.00	34.36 0.06 0.00	27.54 0.24 0.00	28.88 0.50 0.00	41.16 1.50 0.00	39.81 1.53 0.00	41.99 1.70 -1.65	45.54 1.99 -3.71	49.73 2.37 -4.44	51.23 1.97 -4.42	50.10 1.44 -3.09	88.26 1.71 0.00	78.50 1.52 0.00	81.77 1.52 0.00	73.84 1.25 0.00	75.39 0.93 0.00	78.69 0.50 0.00	76.05 0.54 0.00	68.39 0.49 0.00
REGAN___SOLAR 323812	33.35 1.73 0.00	27.16 1.37 0.00	22.85 1.21 0.00	24.48 1.30 0.00	27.54 1.41 0.00	29.39 1.48 0.00	36.12 1.82 0.00	28.67 1.37 0.00	29.66 1.28 0.00	41.07 1.40 0.00	39.50 1.22 0.00	39.75 1.11 0.00	41.09 1.25 0.00	43.94 1.16 0.14	44.82 0.36 0.38	45.23 0.16 0.50	87.31 0.79 0.03	79.08 2.29 0.19	83.78 3.52 0.00	77.48 4.89 0.00	80.04 5.59 0.00	83.94 5.76 0.00	80.66 5.15 0.00	72.35 4.45 0.00
RENSSELAER___COGEN 23796	31.88 0.26 0.00	26.19 0.40 0.00	22.14 0.51 0.00	23.80 0.61 0.00	26.66 0.52 0.00	28.38 0.46 0.00	34.70 0.40 0.00	27.55 0.24 0.00	28.58 0.19 0.00	39.74 0.08 0.00	38.39 0.11 0.00	38.72 0.08 0.00	39.83 0.00 0.00	42.77 -0.03 0.12	44.61 0.10 0.33	45.47 0.35 0.44	87.47 0.95 0.03	78.01 1.20 0.17	81.75 1.49 0.00	74.17 1.58 0.00	75.79 1.33 0.00	79.75 1.56 0.00	76.49 0.98 0.00	68.88 0.98 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.01 1.38 0.00	27.40 1.61 0.00	23.10 1.47 0.00	24.80 1.62 0.00	27.96 1.83 0.00	29.88 1.96 0.00	36.63 2.33 0.00	29.41 2.11 0.00	30.05 1.67 0.00	42.19 2.53 0.00	40.39 2.11 0.00	40.61 1.97 0.00	40.66 0.83 0.00	43.09 0.40 0.23	44.98 0.74 0.61	46.57 1.81 0.81	91.29 4.78 0.05	81.77 5.09 0.30	88.06 7.81 0.00	80.10 7.50 0.00	81.67 7.22 0.00	86.16 7.97 0.00	81.21 5.70 0.00	73.72 5.82 0.00
REVERE_CPPR_DRP 24186	32.41 0.79 0.00	26.38 0.59 0.00	22.17 0.54 0.00	23.81 0.62 0.00	26.83 0.70 0.00	28.63 0.72 0.00	35.16 0.86 0.00	28.02 0.71 0.00	29.08 0.70 0.00	40.69 1.03 0.00	39.41 1.13 0.00	39.57 0.92 0.00	40.69 0.86 0.00	44.00 1.08 0.00	46.02 1.18 0.00	47.00 1.44 0.00	89.09 2.54 0.00	79.52 2.55 0.00	83.63 3.38 0.00	76.13 3.53 0.00	78.20 3.75 0.00	82.17 3.98 0.00	79.00 3.49 0.00	70.65 2.74 0.00
REYNLDPA_13_KV_LD 356490	31.69 0.07 0.00	25.59 -0.20 0.00	21.24 -0.39 0.00	22.63 -0.56 0.00	25.67 -0.46 0.00	27.64 -0.27 0.00	34.23 -0.06 0.00	27.37 0.06 0.00	28.65 0.27 0.00	40.09 0.42 0.00	38.40 0.12 0.00	38.82 0.17 0.00	40.13 0.30 0.00	43.04 0.12 0.00	45.05 0.21 0.00	45.51 -0.05 0.00	86.72 0.16 0.00	77.08 0.11 0.00	80.25 -0.01 0.00	72.15 -0.45 0.00	74.46 0.00 0.00	77.96 -0.23 0.00	75.80 0.29 0.00	67.87 -0.04 0.00
REYNOLDS_115KV_TB3 80639	32.05 0.43 0.00	26.35 0.56 0.00	22.28 0.65 0.00	23.94 0.75 0.00	26.81 0.67 0.00	28.53 0.62 0.00	34.90 0.60 0.00	27.71 0.40 0.00	28.75 0.36 0.00	40.02 0.36 0.00	38.67 0.39 0.00	38.99 0.35 0.00	40.08 0.25 0.00	43.01 0.24 0.15	44.82 0.38 0.41	45.66 0.64 0.54	87.97 1.46 0.03	78.42 1.64 0.20	82.19 1.94 0.00	74.58 1.99 0.00	76.20 1.75 0.00	80.19 2.00 0.00	76.89 1.38 0.00	69.26 1.35 0.00
RIVERBAY____ 323610	34.08 2.46 0.00	28.19 2.39 0.00	23.82 2.19 0.00	25.55 2.37 0.00	28.54 2.40 0.00	30.27 2.35 0.00	37.10 2.81 0.00	29.75 2.44 0.00	30.81 2.42 0.00	42.97 3.31 0.00	41.85 3.57 0.00	42.19 3.54 0.00	43.36 3.53 0.00	46.97 3.92 -0.13	49.49 4.30 -0.35	50.71 4.68 -0.46	95.64 9.06 -0.03	85.86 8.71 -0.17	89.44 9.19 0.00	81.05 8.45 0.00	82.44 7.98 0.00	86.69 8.50 0.00	82.78 7.27 0.00	74.78 6.88 0.00
RIVERSDE_115KV_TB3 55908	31.99 0.36 0.00	26.29 0.50 0.00	22.23 0.59 0.00	23.89 0.70 0.00	26.74 0.61 0.00	28.48 0.56 0.00	34.82 0.52 0.00	27.65 0.35 0.00	28.69 0.31 0.00	39.93 0.27 0.00	38.56 0.28 0.00	38.90 0.26 0.00	40.00 0.17 0.00	42.94 0.16 0.14	44.76 0.30 0.38	45.63 0.57 0.51	87.86 1.34 0.03	78.36 1.57 0.19	82.12 1.87 0.00	74.51 1.91 0.00	76.14 1.68 0.00	80.12 1.93 0.00	76.82 1.32 0.00	69.16 1.26 0.00
ROARING___BROOK_WT_PWR 323790	30.79 -0.83 0.00	25.07 -0.72 0.00	21.00 -0.63 0.00	22.50 -0.68 0.00	25.49 -0.64 0.00	27.36 -0.55 0.00	33.64 -0.66 0.00	26.74 -0.57 0.00	27.90 -0.49 0.00	39.09 -0.57 0.00	37.74 -0.54 0.00	38.21 -0.44 0.00	39.53 -0.30 0.00	42.50 -0.42 0.00	44.37 -0.47 0.00	45.02 -0.55 0.00	85.35 -1.20 0.00	76.00 -0.98 0.00	79.39 -0.86 0.00	71.89 -0.71 0.00	73.73 -0.73 0.00	77.58 -0.61 0.00	75.14 -0.37 0.00	67.47 -0.44 0.00

ROCHESRG_115KV_T4 355643	32.04 0.41 0.00	25.81 0.01 0.00	21.61 -0.02 0.00	23.15 -0.04 0.00	26.05 -0.08 0.00	27.64 -0.27 0.00	33.98 -0.32 0.00	27.21 -0.09 0.00	28.52 0.13 0.00	40.57 0.90 0.00	39.19 0.90 0.00	41.22 1.02 -1.55	44.57 1.24 -3.49	48.61 1.52 -4.17	50.09 1.10 -4.15	49.06 0.59 -2.90	86.54 -0.01 0.00	77.02 0.05 0.00	80.34 0.08 0.00	72.54 -0.06 0.00	74.16 -0.30 0.00	77.52 -0.67 0.00	75.00 -0.51 0.00	67.53 -0.37 0.00
ROCHESTER_9_IC 23652	32.26 0.63 0.00	25.97 0.18 0.00	21.75 0.11 0.00	23.29 0.10 0.00	26.20 0.07 0.00	27.80 -0.11 0.00	34.18 -0.12 0.00	27.38 0.07 0.00	28.71 0.32 0.00	40.87 1.20 0.00	39.50 1.22 0.00	41.67 1.37 -1.65	45.16 1.62 -3.71	49.30 1.94 -4.44	50.80 1.53 -4.42	49.69 1.03 -3.09	87.39 0.84 0.00	77.78 0.80 0.00	81.06 0.81 0.00	73.20 0.60 0.00	74.78 0.32 0.00	78.13 -0.06 0.00	75.55 0.04 0.00	67.98 0.07 0.00
ROCKVIEW_13_KV_LD 356306	33.41 1.79 0.00	27.55 1.76 0.00	23.29 1.66 0.00	24.96 1.77 0.00	27.83 1.70 0.00	29.54 1.62 0.00	36.14 1.85 0.00	28.91 1.60 0.00	29.97 1.58 0.00	41.81 2.14 0.00	40.63 2.35 0.00	41.02 2.38 0.00	42.16 2.33 0.00	45.56 2.51 -0.13	48.02 2.82 -0.35	49.31 3.29 -0.46	93.22 6.65 -0.03	83.48 6.34 -0.17	87.03 6.77 0.00	78.89 6.29 0.00	80.22 5.77 0.00	84.31 6.12 0.00	80.47 4.96 0.00	72.59 4.69 0.00
ROME____115KV_TB2 80656	32.41 0.79 0.00	26.38 0.59 0.00	22.17 0.54 0.00	23.81 0.62 0.00	26.83 0.70 0.00	28.63 0.72 0.00	35.16 0.86 0.00	28.02 0.71 0.00	29.08 0.70 0.00	40.69 1.03 0.00	39.41 1.13 0.00	39.57 0.92 0.00	40.69 0.86 0.00	44.00 1.08 0.00	46.02 1.18 0.00	47.00 1.44 0.00	89.09 2.54 0.00	79.52 2.55 0.00	83.63 3.38 0.00	76.13 3.53 0.00	78.20 3.75 0.00	82.17 3.98 0.00	79.00 3.49 0.00	70.65 2.74 0.00
ROSETON___1 23587	32.88 1.26 0.00	27.08 1.29 0.00	22.91 1.28 0.00	24.59 1.40 0.00	27.45 1.32 0.00	29.16 1.25 0.00	35.67 1.37 0.00	28.44 1.13 0.00	29.50 1.11 0.00	41.13 1.47 0.00	39.91 1.63 0.00	40.27 1.62 0.00	41.33 1.50 0.00	44.63 1.58 -0.12	46.99 1.82 -0.33	48.20 2.20 -0.43	91.14 4.56 -0.03	81.56 4.42 -0.16	85.04 4.79 0.00	77.15 4.55 0.00	78.58 4.13 0.00	82.62 4.44 0.00	78.94 3.43 0.00	71.17 3.27 0.00
ROSETON___2 23588	32.88 1.26 0.00	27.08 1.29 0.00	22.91 1.28 0.00	24.59 1.40 0.00	27.45 1.32 0.00	29.16 1.25 0.00	35.67 1.37 0.00	28.44 1.13 0.00	29.50 1.11 0.00	41.13 1.47 0.00	39.91 1.63 0.00	40.27 1.62 0.00	41.33 1.50 0.00	44.63 1.58 -0.12	46.99 1.82 -0.33	48.20 2.20 -0.43	91.14 4.56 -0.03	81.56 4.42 -0.16	85.04 4.79 0.00	77.15 4.55 0.00	78.58 4.13 0.00	82.62 4.44 0.00	78.94 3.43 0.00	71.17 3.27 0.00
ROTRDAM_115KV_TB3 80664	32.33 0.71 0.00	26.51 0.71 0.00	22.37 0.74 0.00	24.03 0.85 0.00	26.96 0.82 0.00	28.72 0.81 0.00	35.18 0.89 0.00	27.93 0.63 0.00	28.99 0.60 0.00	40.38 0.72 0.00	38.99 0.71 0.00	39.31 0.67 0.00	40.42 0.59 0.00	43.37 0.61 0.16	45.11 0.70 0.43	45.83 0.83 0.57	88.28 1.76 0.03	78.73 1.96 0.21	82.66 2.41 0.00	75.08 2.49 0.00	76.87 2.42 0.00	80.85 2.66 0.00	77.60 2.09 0.00	69.85 1.95 0.00
RUSSELL___1 23602	32.45 0.83 0.00	26.11 0.32 0.00	21.86 0.23 0.00	23.41 0.23 0.00	26.34 0.21 0.00	27.95 0.04 0.00	34.35 0.06 0.00	27.54 0.24 0.00	28.89 0.50 0.00	41.16 1.50 0.00	39.81 1.53 0.00	42.00 1.70 -1.65	45.54 1.99 -3.71	49.72 2.36 -4.44	51.23 1.96 -4.42	50.14 1.48 -3.09	88.23 1.67 0.00	78.52 1.55 0.00	81.78 1.53 0.00	73.85 1.25 0.00	75.37 0.91 0.00	78.70 0.51 0.00	76.05 0.54 0.00	68.38 0.48 0.00
RUSSELL___2 23532	32.45 0.83 0.00	26.11 0.32 0.00	21.86 0.23 0.00	23.41 0.23 0.00	26.34 0.21 0.00	27.95 0.04 0.00	34.35 0.06 0.00	27.54 0.24 0.00	28.89 0.50 0.00	41.16 1.50 0.00	39.81 1.53 0.00	42.00 1.70 -1.65	45.54 1.99 -3.71	49.72 2.36 -4.44	51.23 1.96 -4.42	50.14 1.48 -3.09	88.23 1.67 0.00	78.52 1.55 0.00	81.78 1.53 0.00	73.85 1.25 0.00	75.37 0.91 0.00	78.70 0.51 0.00	76.05 0.54 0.00	68.38 0.48 0.00
RUSSELL___3 23549	32.45 0.83 0.00	26.11 0.32 0.00	21.86 0.23 0.00	23.41 0.23 0.00	26.34 0.21 0.00	27.95 0.04 0.00	34.35 0.06 0.00	27.54 0.24 0.00	28.89 0.50 0.00	41.16 1.50 0.00	39.81 1.53 0.00	42.00 1.70 -1.65	45.54 1.99 -3.71	49.72 2.36 -4.44	51.23 1.96 -4.42	50.14 1.48 -3.09	88.23 1.67 0.00	78.52 1.55 0.00	81.78 1.53 0.00	73.85 1.25 0.00	75.37 0.91 0.00	78.70 0.51 0.00	76.05 0.54 0.00	68.38 0.48 0.00
RUSSELL___4 23556	32.45 0.83 0.00	26.11 0.32 0.00	21.86 0.23 0.00	23.41 0.23 0.00	26.34 0.21 0.00	27.95 0.04 0.00	34.35 0.06 0.00	27.54 0.24 0.00	28.89 0.50 0.00	41.16 1.50 0.00	39.81 1.53 0.00	42.00 1.70 -1.65	45.54 1.99 -3.71	49.72 2.36 -4.44	51.23 1.96 -4.42	50.14 1.48 -3.09	88.23 1.67 0.00	78.52 1.55 0.00	81.78 1.53 0.00	73.85 1.25 0.00	75.37 0.91 0.00	78.70 0.51 0.00	76.05 0.54 0.00	68.38 0.48 0.00
RUSSELL__STATION 23914	32.45 0.83 0.00	26.11 0.32 0.00	21.86 0.23 0.00	23.41 0.23 0.00	26.34 0.21 0.00	27.95 0.04 0.00	34.35 0.06 0.00	27.54 0.24 0.00	28.89 0.50 0.00	41.16 1.50 0.00	39.81 1.53 0.00	42.00 1.70 -1.65	45.54 1.99 -3.71	49.72 2.36 -4.44	51.23 1.96 -4.42	50.14 1.48 -3.09	88.23 1.67 0.00	78.52 1.55 0.00	81.78 1.53 0.00	73.85 1.25 0.00	75.37 0.91 0.00	78.70 0.51 0.00	76.05 0.54 0.00	68.38 0.48 0.00
S SALMON___HYD 24043	31.26 -0.36 0.00	25.44 -0.35 0.00	21.37 -0.26 0.00	22.97 -0.22 0.00	25.90 -0.23 0.00	27.60 -0.32 0.00	33.89 -0.40 0.00	27.04 -0.26 0.00	27.99 -0.39 0.00	39.20 -0.46 0.00	37.80 -0.48 0.00	38.08 -0.56 0.00	39.28 -0.55 0.00	42.41 -0.51 0.00	44.45 -0.41 -0.03	44.66 -0.91 0.00	88.10 -2.15 -3.70	76.51 -1.55 -1.08	80.01 -0.69 -0.44	72.48 -0.12 0.00	76.00 0.04 -1.50	80.86 0.12 -2.54	76.10 -0.03 -0.63	67.97 -0.04 -0.11
S.PERRY__115KV_TB1 80734	32.70 1.07 0.00	26.25 0.46 0.00	22.04 0.41 0.00	23.61 0.43 0.00	26.57 0.44 0.00	28.25 0.34 0.00	34.78 0.49 0.00	27.81 0.50 0.00	28.76 0.37 0.00	41.06 1.40 0.00	39.55 1.27 0.00	55.68 1.24 -15.80	76.68 1.40 -35.46	87.05 1.75 -42.38	88.07 1.01 -42.22	77.70 -0.18 -32.32	152.65 -2.30 -68.39	82.55 -1.75 -7.33	78.84 -1.41 0.00	72.29 -0.30 0.00	74.80 0.34 0.00	78.72 0.52 0.00	76.18 0.67 0.00	70.07 2.17 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.84 0.22 0.00	25.44 -0.35 0.00	21.30 -0.33 0.00	22.79 -0.40 0.00	25.66 -0.48 0.00	27.13 -0.79 0.00	33.39 -0.91 0.00	26.85 -0.46 0.00	28.29 -0.09 0.00	40.66 0.99 0.00	39.11 0.83 0.00	40.54 0.90 -1.00	43.14 1.07 -2.24	46.99 1.39 -2.67	48.13 0.62 -2.67	46.57 -0.18 -1.19	68.04 -2.00 16.51	73.38 -1.83 1.77	78.47 -1.78 0.00	70.69 -1.91 0.00	72.53 -1.93 0.00	75.81 -2.38 0.00	73.90 -1.61 0.00	66.69 -1.21 0.00

SAWYER___23_KV_LOAD 55526	31.84 0.22 0.00	25.44 -0.35 0.00	21.30 -0.33 0.00	22.79 -0.40 0.00	25.66 -0.48 0.00	27.13 -0.79 0.00	33.39 -0.91 0.00	26.85 -0.46 0.00	28.29 -0.09 0.00	40.66 0.99 0.00	39.11 0.83 0.00	40.54 0.90 -1.00	43.14 1.07 -2.24	46.99 1.39 -2.67	48.13 0.62 -2.67	46.57 -0.18 -1.19	68.04 -2.00 16.51	73.38 -1.83 1.77	78.47 -1.78 0.00	70.69 -1.91 0.00	72.53 -1.93 0.00	75.81 -2.38 0.00	73.90 -1.61 0.00	66.69 -1.21 0.00
SELKIRK___I 23801	32.19 0.57 0.00	26.42 0.62 0.00	22.33 0.70 0.00	24.02 0.83 0.00	26.93 0.80 0.00	28.68 0.76 0.00	35.06 0.76 0.00	27.72 0.41 0.00	28.78 0.39 0.00	39.97 0.31 0.00	38.53 0.25 0.00	38.88 0.24 0.00	40.02 0.18 0.00	42.98 0.13 0.07	44.87 0.22 0.20	45.75 0.45 0.26	87.59 1.06 0.02	78.31 1.43 0.10	82.16 1.90 0.00	74.55 1.95 0.00	76.29 1.84 0.00	80.34 2.15 0.00	77.14 1.63 0.00	69.46 1.56 0.00
SELKIRK___II 23799	32.02 0.40 0.00	26.28 0.49 0.00	22.22 0.59 0.00	23.89 0.70 0.00	26.76 0.63 0.00	28.49 0.58 0.00	34.85 0.55 0.00	27.64 0.33 0.00	28.68 0.29 0.00	39.93 0.27 0.00	38.58 0.29 0.00	38.92 0.28 0.00	40.04 0.21 0.00	43.05 0.21 0.09	44.94 0.33 0.23	45.82 0.56 0.31	87.78 1.25 0.02	78.32 1.46 0.11	81.99 1.73 0.00	74.36 1.77 0.00	75.99 1.54 0.00	79.99 1.79 0.00	76.77 1.26 0.00	69.12 1.22 0.00
SENECA OSWGO___HYD 24041	31.12 -0.50 0.00	25.37 -0.42 0.00	21.37 -0.26 0.00	22.92 -0.27 0.00	25.78 -0.36 0.00	27.46 -0.45 0.00	33.69 -0.60 0.00	26.82 -0.49 0.00	27.82 -0.57 0.00	38.92 -0.74 0.00	37.61 -0.67 0.00	37.98 -0.67 0.00	39.18 -0.65 0.00	42.42 -0.50 0.00	44.25 -0.63 -0.04	44.84 -0.72 0.00	90.53 -1.72 -5.70	77.24 -1.40 -1.67	79.74 -1.20 -0.68	71.72 -0.88 0.00	75.68 -1.09 -2.31	80.85 -1.26 -3.92	74.96 -1.52 -0.97	66.80 -1.26 -0.16
SENECA___115KV_TB3 355854	31.96 0.34 0.00	25.53 -0.26 0.00	21.40 -0.23 0.00	22.89 -0.29 0.00	25.77 -0.37 0.00	27.27 -0.65 0.00	33.56 -0.74 0.00	27.00 -0.30 0.00	28.44 0.05 0.00	40.88 1.22 0.00	39.30 1.02 0.00	40.74 1.05 -1.04	43.36 1.19 -2.33	47.30 1.59 -2.79	48.45 0.83 -2.78	46.77 0.06 -1.15	65.61 -1.37 19.57	73.73 -1.15 2.10	79.16 -1.10 0.00	71.39 -1.20 0.00	73.33 -1.13 0.00	76.70 -1.49 0.00	74.63 -0.88 0.00	67.28 -0.62 0.00
SENECA___ENERGY 23797	31.71 0.09 0.00	25.71 -0.08 0.00	21.64 0.01 0.00	23.20 0.01 0.00	26.06 -0.08 0.00	27.77 -0.15 0.00	34.06 -0.24 0.00	27.20 -0.10 0.00	28.31 -0.07 0.00	39.94 0.27 0.00	38.60 0.32 0.00	40.14 0.29 -1.21	42.87 0.32 -2.72	46.89 0.71 -3.26	48.60 0.49 -3.26	48.37 0.35 -2.46	93.04 0.18 -6.31	78.08 0.13 -0.97	80.98 0.54 -0.19	73.43 0.83 0.00	75.76 0.67 -0.64	79.67 0.39 -1.09	75.83 0.06 -0.27	67.93 -0.02 -0.05
SHOEMAKER___GT 23640	32.88 1.26 0.00	27.04 1.24 0.00	22.87 1.24 0.00	24.54 1.35 0.00	27.42 1.28 0.00	29.13 1.22 0.00	35.65 1.36 0.00	28.43 1.12 0.00	29.49 1.10 0.00	41.10 1.43 0.00	39.85 1.57 0.00	40.17 1.52 0.00	41.18 1.35 0.00	44.48 1.45 -0.11	46.84 1.69 -0.30	48.05 2.09 -0.40	90.97 4.40 -0.02	81.52 4.40 -0.15	85.19 4.94 0.00	77.33 4.73 0.00	78.75 4.30 0.00	82.79 4.60 0.00	79.12 3.62 0.00	71.27 3.37 0.00
SHOEMAKR_138KV_BK 111 55601	32.87 1.25 0.00	27.04 1.24 0.00	22.87 1.24 0.00	24.54 1.35 0.00	27.41 1.28 0.00	29.13 1.22 0.00	35.66 1.36 0.00	28.42 1.12 0.00	29.49 1.10 0.00	41.11 1.45 0.00	39.86 1.58 0.00	40.19 1.54 0.00	41.23 1.40 0.00	44.54 1.51 -0.11	46.89 1.75 -0.30	48.11 2.15 -0.40	91.07 4.49 -0.02	81.58 4.45 -0.15	85.18 4.93 0.00	77.30 4.70 0.00	78.73 4.27 0.00	82.75 4.56 0.00	79.10 3.59 0.00	71.26 3.36 0.00
SHOREHAM_IC_1 23715	33.28 1.66 0.00	27.66 1.87 0.00	23.22 1.59 0.00	24.63 1.44 0.00	27.50 1.37 0.00	29.23 1.31 0.00	35.86 1.56 0.00	28.81 1.50 0.00	29.84 1.45 0.00	41.16 1.49 0.00	40.32 2.04 0.00	40.95 2.30 0.00	41.66 1.83 0.00	44.61 1.56 -0.13	46.91 1.72 -0.35	49.01 2.98 -0.46	93.60 7.02 -0.03	83.98 6.83 -0.17	87.94 7.69 0.00	79.32 6.72 0.00	80.01 5.56 0.00	83.96 5.77 0.00	79.30 3.80 0.00	71.55 3.65 0.00
SHOREHAM_IC_2 23716	33.29 1.67 0.00	27.66 1.87 0.00	23.22 1.59 0.00	24.63 1.44 0.00	27.50 1.37 0.00	29.23 1.31 0.00	35.86 1.56 0.00	28.81 1.50 0.00	29.84 1.45 0.00	41.16 1.50 0.00	40.31 2.03 0.00	40.94 2.29 0.00	41.66 1.83 0.00	44.61 1.56 -0.13	46.91 1.72 -0.35	49.01 2.98 -0.46	93.61 7.03 -0.03	83.99 6.85 -0.17	87.94 7.69 0.00	79.32 6.72 0.00	80.01 5.55 0.00	83.96 5.77 0.00	79.31 3.80 0.00	71.56 3.66 0.00
SISSONVILLE____ 23735	31.62 0.00 0.00	25.50 -0.29 0.00	21.13 -0.50 0.00	22.52 -0.67 0.00	25.63 -0.50 0.00	27.64 -0.28 0.00	34.27 -0.03 0.00	27.43 0.13 0.00	28.70 0.31 0.00	40.08 0.41 0.00	38.24 -0.04 0.00	38.60 -0.05 0.00	39.78 -0.05 0.00	42.66 -0.26 0.00	44.84 -0.01 0.00	45.20 -0.37 0.00	86.01 -0.54 0.00	76.51 -0.46 0.00	80.05 -0.21 0.00	72.20 -0.40 0.00	75.02 0.57 0.00	78.74 0.55 0.00	76.65 1.14 0.00	68.43 0.52 0.00
SITHE_IND_GS1 24169	30.92 -0.70 0.00	25.20 -0.60 0.00	21.19 -0.44 0.00	22.72 -0.46 0.00	25.57 -0.57 0.00	27.25 -0.67 0.00	33.43 -0.87 0.00	26.61 -0.69 0.00	27.60 -0.79 0.00	38.56 -1.10 0.00	37.29 -1.00 0.00	37.64 -1.01 0.00	38.82 -1.01 0.00	41.92 -1.00 0.00	43.57 -1.13 0.15	44.37 -1.20 0.00	64.07 -2.54 19.95	68.99 -2.16 5.83	75.76 -2.12 2.38	70.84 -1.74 0.01	64.38 -1.98 8.10	62.26 -2.19 13.73	69.79 -2.33 3.39	65.31 -2.02 0.57
SITHE_IND_GS2 24170	30.92 -0.70 0.00	25.20 -0.60 0.00	21.19 -0.44 0.00	22.72 -0.46 0.00	25.57 -0.57 0.00	27.25 -0.67 0.00	33.43 -0.87 0.00	26.61 -0.69 0.00	27.60 -0.79 0.00	38.56 -1.10 0.00	37.29 -1.00 0.00	37.64 -1.01 0.00	38.82 -1.01 0.00	41.92 -1.00 0.00	43.57 -1.13 0.15	44.37 -1.20 0.00	64.07 -2.54 19.95	68.99 -2.16 5.83	75.76 -2.12 2.38	70.84 -1.74 0.01	64.38 -1.98 8.10	62.26 -2.19 13.73	69.79 -2.33 3.39	65.31 -2.02 0.57
SITHE_IND_GS3 24171	30.92 -0.70 0.00	25.20 -0.60 0.00	21.19 -0.44 0.00	22.72 -0.46 0.00	25.57 -0.57 0.00	27.25 -0.67 0.00	33.43 -0.87 0.00	26.61 -0.69 0.00	27.60 -0.79 0.00	38.56 -1.10 0.00	37.29 -1.00 0.00	37.64 -1.01 0.00	38.82 -1.01 0.00	41.92 -1.00 0.00	43.57 -1.13 0.15	44.37 -1.20 0.00	64.07 -2.54 19.95	68.99 -2.16 5.83	75.76 -2.12 2.38	70.84 -1.74 0.01	64.38 -1.98 8.10	62.26 -2.19 13.73	69.79 -2.33 3.39	65.31 -2.02 0.57
SITHE_IND_GS4 24172	30.92 -0.70 0.00	25.20 -0.60 0.00	21.19 -0.44 0.00	22.72 -0.46 0.00	25.57 -0.57 0.00	27.25 -0.67 0.00	33.43 -0.87 0.00	26.61 -0.69 0.00	27.60 -0.79 0.00	38.56 -1.10 0.00	37.29 -1.00 0.00	37.64 -1.01 0.00	38.82 -1.01 0.00	41.92 -1.00 0.00	43.57 -1.13 0.15	44.37 -1.20 0.00	64.07 -2.54 19.95	68.99 -2.16 5.83	75.76 -2.12 2.38	70.84 -1.74 0.01	64.38 -1.98 8.10	62.26 -2.19 13.73	69.79 -2.33 3.39	65.31 -2.02 0.57

SITHE___BATAVIA 24024	32.96 1.33 0.00	26.36 0.57 0.00	22.03 0.40 0.00	23.58 0.39 0.00	26.57 0.43 0.00	28.12 0.20 0.00	34.60 0.31 0.00	27.76 0.45 0.00	29.14 0.76 0.00	41.75 2.09 0.00	40.16 1.88 0.00	42.11 2.09 -1.37	45.22 2.31 -3.08	49.25 2.65 -3.68	50.59 2.08 -3.67	49.00 1.29 -2.15	77.74 1.32 10.13	77.45 1.56 1.09	82.07 1.81 0.00	73.91 1.32 0.00	75.66 1.20 0.00	78.97 0.78 0.00	76.66 1.15 0.00	68.93 1.02 0.00
SITHE___INDEPEND 23800	30.92 -0.70 0.00	25.20 -0.60 0.00	21.19 -0.44 0.00	22.72 -0.46 0.00	25.57 -0.57 0.00	27.25 -0.66 0.00	33.43 -0.86 0.00	26.61 -0.69 0.00	27.60 -0.79 0.00	38.56 -1.11 0.00	37.29 -1.00 0.00	37.64 -1.01 0.00	38.82 -1.01 0.00	41.92 -1.00 0.00	43.57 -1.13 0.15	44.37 -1.19 0.00	64.07 -2.53 19.95	68.99 -2.16 5.83	75.76 -2.12 2.38	70.84 -1.74 0.01	64.38 -1.98 8.10	62.26 -2.19 13.73	69.79 -2.33 3.39	65.31 -2.02 0.57
SITHE___MASSENA 23902	31.71 0.09 0.00	25.61 -0.19 0.00	21.24 -0.39 0.00	22.63 -0.55 0.00	25.68 -0.45 0.00	27.67 -0.25 0.00	34.28 -0.01 0.00	27.42 0.11 0.00	28.69 0.30 0.00	40.07 0.41 0.00	38.35 0.06 0.00	38.74 0.10 0.00	40.03 0.20 0.00	42.94 0.02 0.00	44.99 0.14 0.00	45.45 -0.12 0.00	86.51 -0.04 0.00	76.94 -0.04 0.00	80.07 -0.19 0.00	72.03 -0.57 0.00	74.53 0.08 0.00	78.09 -0.10 0.00	76.03 0.52 0.00	67.96 0.06 0.00
SITHE___OGDNSBRG 24021	32.19 0.57 0.00	25.94 0.15 0.00	21.47 -0.16 0.00	22.87 -0.32 0.00	25.99 -0.14 0.00	28.03 0.12 0.00	34.78 0.49 0.00	27.84 0.54 0.00	29.13 0.74 0.00	40.67 1.01 0.00	38.64 0.36 0.00	38.94 0.29 0.00	40.04 0.20 0.00	42.98 0.06 0.00	45.28 0.44 0.00	45.47 -0.10 0.00	86.52 -0.03 0.00	77.06 0.09 0.00	80.85 0.59 0.00	72.73 0.13 0.00	76.00 1.54 0.00	79.82 1.63 0.00	77.69 2.18 0.00	69.28 1.38 0.00
SITHE___STERLING 23777	32.23 0.61 0.00	26.25 0.46 0.00	22.09 0.46 0.00	23.71 0.52 0.00	26.69 0.55 0.00	28.47 0.56 0.00	34.96 0.66 0.00	27.81 0.51 0.00	28.88 0.49 0.00	40.36 0.69 0.00	39.13 0.85 0.00	39.32 0.68 0.00	40.51 0.68 0.00	43.78 0.86 0.00	45.73 0.89 0.00	46.71 1.14 0.00	88.69 2.14 0.00	79.17 2.20 0.00	83.02 2.76 0.00	75.42 2.82 0.00	77.39 2.93 0.00	81.29 3.10 0.00	78.08 2.57 0.00	69.96 2.05 0.00
SLEIGHT__34_KV_TB1 80719	31.82 0.20 0.00	25.72 -0.08 0.00	21.58 -0.05 0.00	23.13 -0.06 0.00	26.00 -0.13 0.00	27.66 -0.25 0.00	33.97 -0.32 0.00	27.18 -0.12 0.00	28.35 -0.04 0.00	40.09 0.43 0.00	38.80 0.51 0.00	40.43 0.59 -1.20	43.25 0.72 -2.69	47.25 1.11 -3.22	48.88 0.82 -3.21	48.29 0.48 -2.24	87.48 0.13 -0.80	77.45 0.24 -0.23	80.87 0.52 -0.09	73.09 0.49 0.00	75.10 0.32 -0.32	78.77 0.04 -0.55	75.49 -0.15 -0.14	67.70 -0.22 -0.02
SMITHTWN_69_KV_BK 1 55830	33.71 2.08 0.00	27.85 2.05 0.00	23.44 1.80 0.00	24.95 1.76 0.00	27.88 1.75 0.00	29.63 1.71 0.00	36.25 1.96 0.00	29.07 1.77 0.00	30.14 1.75 0.00	41.80 2.14 0.00	40.91 2.63 0.00	41.56 2.92 0.00	42.37 2.54 0.00	45.47 2.42 -0.13	47.86 2.67 -0.35	49.84 3.81 -0.46	94.94 8.37 -0.03	84.88 7.73 -0.17	88.74 8.48 0.00	80.06 7.46 0.00	80.81 6.35 0.00	85.05 6.86 0.00	80.46 4.95 0.00	72.62 4.72 0.00
SOUTH CAIRO___GT 23612	33.01 1.39 0.00	27.05 1.26 0.00	22.84 1.21 0.00	24.55 1.36 0.00	27.51 1.38 0.00	29.30 1.39 0.00	35.82 1.52 0.00	28.42 1.12 0.00	29.38 1.00 0.00	40.74 1.07 0.00	39.15 0.87 0.00	39.54 0.90 0.00	40.72 0.88 0.00	43.78 0.92 0.06	45.81 1.12 0.15	46.88 1.51 0.20	90.01 3.47 0.01	81.11 4.21 0.08	85.71 5.46 0.00	77.88 5.29 0.00	79.74 5.28 0.00	84.01 5.82 0.00	80.44 4.93 0.00	72.13 4.23 0.00
SOUTH HAMPTN___IC 23720	33.73 2.11 0.00	28.01 2.22 0.00	23.40 1.77 0.00	24.85 1.66 0.00	27.74 1.61 0.00	29.48 1.57 0.00	36.09 1.79 0.00	29.03 1.72 0.00	30.08 1.69 0.00	41.59 1.92 0.00	40.79 2.51 0.00	41.46 2.82 0.00	42.17 2.33 0.00	45.14 2.09 -0.13	47.50 2.31 -0.35	49.73 3.70 -0.46	95.32 8.75 -0.03	85.56 8.41 -0.17	89.52 9.27 0.00	80.57 7.97 0.00	81.23 6.77 0.00	85.13 6.94 0.00	80.15 4.64 0.00	72.21 4.31 0.00
SOUTHDOW_115KV_TB1 355954	32.20 0.57 0.00	25.67 -0.12 0.00	21.68 0.05 0.00	23.15 -0.04 0.00	26.02 -0.11 0.00	27.60 -0.32 0.00	34.13 -0.16 0.00	27.60 0.29 0.00	29.16 0.77 0.00	41.88 2.22 0.00	40.07 1.79 0.00	42.03 1.67 -1.72	45.20 1.51 -3.86	49.61 2.08 -4.61	50.70 1.26 -4.60	49.09 0.69 -2.84	77.79 0.49 9.25	76.53 0.54 0.99	81.19 0.94 0.00	73.73 1.13 0.00	76.35 1.90 0.00	80.02 1.83 0.00	77.27 1.76 0.00	69.47 1.57 0.00
SOUTHOLD_69_KV_BK 2 55809	34.11 2.49 0.00	28.36 2.57 0.00	23.47 1.84 0.00	24.93 1.75 0.00	27.82 1.69 0.00	29.59 1.68 0.00	36.10 1.80 0.00	29.06 1.76 0.00	30.09 1.70 0.00	41.68 2.01 0.00	40.95 2.67 0.00	41.69 3.05 0.00	42.37 2.54 0.00	45.31 2.26 -0.13	47.69 2.50 -0.35	50.20 4.17 -0.46	96.83 10.26 -0.03	87.09 9.94 -0.17	91.10 10.85 0.00	81.75 9.15 0.00	82.33 7.88 0.00	86.09 7.90 0.00	80.59 5.09 0.00	72.42 4.52 0.00
SOUTHOLD___IC 23719	34.11 2.48 0.00	28.36 2.57 0.00	23.47 1.84 0.00	24.93 1.75 0.00	27.82 1.69 0.00	29.59 1.68 0.00	36.09 1.80 0.00	29.06 1.76 0.00	30.09 1.70 0.00	41.67 2.01 0.00	40.96 2.67 0.00	41.70 3.05 0.00	42.36 2.53 0.00	45.31 2.26 -0.13	47.69 2.50 -0.35	50.20 4.17 -0.46	96.83 10.25 -0.03	87.09 9.94 -0.17	91.10 10.85 0.00	81.75 9.15 0.00	82.34 7.88 0.00	86.09 7.90 0.00	80.59 5.08 0.00	72.41 4.51 0.00
SOUTH_FORK_WT_PWR 323839	34.05 2.43 0.00	28.36 2.57 0.00	23.32 1.69 0.00	24.77 1.58 0.00	27.62 1.49 0.00	29.40 1.48 0.00	35.74 1.44 0.00	28.80 1.49 0.00	29.75 1.36 0.00	41.18 1.52 0.00	40.53 2.25 0.00	41.30 2.66 0.00	41.93 2.10 0.00	44.76 1.71 -0.13	47.10 1.91 -0.35	49.75 3.72 -0.46	96.34 9.75 -0.03	86.69 9.54 -0.17	90.65 10.39 0.00	81.19 8.59 0.00	81.78 7.32 0.00	85.44 7.26 0.00	79.65 4.14 0.00	71.54 3.63 0.00
SPIERFLS_115KV_TB 1 80737	32.61 0.99 0.00	26.81 1.02 0.00	22.63 0.99 0.00	24.29 1.10 0.00	27.27 1.13 0.00	29.06 1.15 0.00	35.63 1.34 0.00	28.36 1.05 0.00	29.43 1.04 0.00	40.99 1.32 0.00	39.22 0.94 0.00	39.52 0.87 0.00	40.28 0.45 0.00	42.94 0.25 0.23	44.64 0.41 0.61	45.49 0.73 0.81	88.46 1.96 0.05	79.19 2.52 0.30	84.22 3.96 0.00	76.62 4.03 0.00	78.66 4.20 0.00	82.67 4.48 0.00	78.77 3.27 0.00	71.11 3.21 0.00
ST LAWRENCE____ 23600	31.34 -0.28 0.00	25.33 -0.46 0.00	21.04 -0.60 0.00	22.42 -0.77 0.00	25.41 -0.72 0.00	27.36 -0.55 0.00	33.88 -0.42 0.00	27.08 -0.23 0.00	28.32 -0.07 0.00	39.62 -0.05 0.00	37.96 -0.32 0.00	38.37 -0.28 0.00	39.68 -0.16 0.00	42.56 -0.36 0.00	44.56 -0.29 0.00	45.07 -0.50 0.00	85.83 -0.72 0.00	76.30 -0.67 0.00	79.40 -0.85 0.00	71.42 -1.18 0.00	73.66 -0.80 0.00	77.19 -1.00 0.00	75.02 -0.49 0.00	67.19 -0.71 0.00

STATE_CA_115KV_115_LB 55624	32.05 0.43 0.00	26.32 0.53 0.00	22.25 0.62 0.00	23.91 0.73 0.00	26.78 0.64 0.00	28.52 0.60 0.00	34.87 0.58 0.00	27.69 0.39 0.00	28.75 0.36 0.00	39.99 0.32 0.00	38.64 0.35 0.00	38.98 0.34 0.00	40.09 0.26 0.00	43.06 0.28 0.14	44.90 0.43 0.37	45.77 0.70 0.50	88.16 1.64 0.03	78.66 1.88 0.19	82.44 2.18 0.00	74.79 2.19 0.00	76.43 1.98 0.00	80.41 2.22 0.00	77.09 1.58 0.00	69.37 1.47 0.00
STATE_ST_34_KV_LOAD 55959	31.85 0.23 0.00	25.90 0.11 0.00	21.82 0.19 0.00	23.45 0.27 0.00	26.29 0.16 0.00	28.09 0.17 0.00	34.37 0.08 0.00	27.48 0.18 0.00	28.51 0.12 0.00	39.85 0.19 0.00	38.54 0.26 0.00	39.52 0.19 -0.69	41.61 0.22 -1.56	45.36 0.58 -1.86	47.26 0.55 -1.86	47.37 0.51 -1.30	89.05 0.74 -1.76	78.23 0.74 -0.51	81.21 0.74 -0.21	73.93 1.33 0.00	76.50 1.32 -0.72	80.59 1.19 -1.21	76.58 0.77 -0.30	68.39 0.44 -0.05
STATION_5_MISC_HYD 23604	32.26 0.63 0.00	25.97 0.18 0.00	21.75 0.11 0.00	23.29 0.10 0.00	26.20 0.07 0.00	27.81 -0.11 0.00	34.19 -0.11 0.00	27.38 0.07 0.00	28.71 0.33 0.00	40.87 1.21 0.00	39.50 1.22 0.00	41.66 1.36 -1.65	45.16 1.62 -3.71	49.30 1.94 -4.44	50.80 1.54 -4.42	49.65 0.99 -3.09	87.41 0.86 0.00	77.76 0.79 0.00	81.06 0.80 0.00	73.20 0.60 0.00	74.79 0.33 0.00	78.14 -0.05 0.00	75.55 0.04 0.00	67.98 0.07 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.95 0.33 0.00	25.81 0.02 0.00	21.67 0.04 0.00	23.21 0.02 0.00	26.10 -0.03 0.00	27.75 -0.16 0.00	34.09 -0.20 0.00	27.27 -0.04 0.00	28.49 0.11 0.00	40.39 0.73 0.00	39.03 0.75 0.00	41.02 0.79 -1.58	44.30 0.92 -3.55	48.42 1.25 -4.24	50.02 0.94 -4.23	49.14 0.62 -2.96	87.68 0.38 -0.75	77.61 0.42 -0.22	81.05 0.71 -0.09	73.33 0.74 0.00	75.26 0.50 -0.30	78.85 0.14 -0.52	75.66 0.02 -0.13	67.91 -0.02 -0.02
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.04 0.41 0.00	25.81 0.02 0.00	21.62 -0.01 0.00	23.16 -0.03 0.00	26.05 -0.08 0.00	27.65 -0.26 0.00	33.99 -0.31 0.00	27.23 -0.08 0.00	28.53 0.14 0.00	40.59 0.93 0.00	39.24 0.96 0.00	41.35 1.11 -1.60	44.78 1.35 -3.60	48.88 1.66 -4.30	50.40 1.27 -4.28	49.36 0.79 -3.00	86.99 0.43 0.00	77.43 0.46 0.00	80.73 0.47 0.00	72.90 0.31 0.00	74.46 0.01 0.00	77.80 -0.39 0.00	75.17 -0.34 0.00	67.62 -0.28 0.00
STA_56___34_KV_BUS2 355983	32.04 0.41 0.00	25.81 0.02 0.00	21.62 -0.01 0.00	23.16 -0.03 0.00	26.05 -0.08 0.00	27.65 -0.26 0.00	33.99 -0.31 0.00	27.23 -0.08 0.00	28.53 0.14 0.00	40.59 0.93 0.00	39.24 0.96 0.00	41.35 1.11 -1.60	44.78 1.35 -3.60	48.88 1.66 -4.30	50.40 1.27 -4.28	49.36 0.79 -3.00	86.99 0.43 0.00	77.43 0.46 0.00	80.73 0.47 0.00	72.90 0.31 0.00	74.46 0.01 0.00	77.80 -0.39 0.00	75.17 -0.34 0.00	67.62 -0.28 0.00
STA_67___115KV_BK2 355882	32.17 0.55 0.00	25.90 0.10 0.00	21.70 0.06 0.00	23.23 0.05 0.00	26.15 0.01 0.00	27.74 -0.17 0.00	34.10 -0.19 0.00	27.32 0.02 0.00	28.63 0.24 0.00	40.75 1.09 0.00	39.37 1.09 0.00	41.51 1.23 -1.64	44.97 1.46 -3.68	49.09 1.77 -4.40	50.58 1.35 -4.39	49.48 0.85 -3.07	87.03 0.48 0.00	77.47 0.50 0.00	80.77 0.51 0.00	72.95 0.35 0.00	74.55 0.09 0.00	77.90 -0.29 0.00	75.32 -0.19 0.00	67.80 -0.10 0.00
STA_7___115KV_9TRANS 80674	32.45 0.83 0.00	26.11 0.32 0.00	21.86 0.23 0.00	23.41 0.23 0.00	26.34 0.21 0.00	27.95 0.04 0.00	34.35 0.06 0.00	27.54 0.24 0.00	28.89 0.50 0.00	41.16 1.50 0.00	39.81 1.53 0.00	42.00 1.70 -1.65	45.54 1.99 -3.71	49.72 2.36 -4.44	51.23 1.96 -4.42	50.14 1.48 -3.09	88.23 1.67 0.00	78.52 1.55 0.00	81.78 1.53 0.00	73.85 1.25 0.00	75.37 0.91 0.00	78.70 0.51 0.00	76.05 0.54 0.00	68.38 0.48 0.00
STA_82___115KV_TB1 80780	32.18 0.56 0.00	25.91 0.12 0.00	21.70 0.07 0.00	23.24 0.05 0.00	26.15 0.02 0.00	27.75 -0.16 0.00	34.11 -0.19 0.00	27.32 0.02 0.00	28.63 0.24 0.00	40.75 1.09 0.00	39.38 1.10 0.00	41.60 1.23 -1.73	45.17 1.47 -3.87	49.32 1.78 -4.63	50.82 1.37 -4.61	49.65 0.86 -3.23	87.06 0.50 0.00	77.49 0.51 0.00	80.80 0.54 0.00	72.97 0.37 0.00	74.56 0.10 0.00	77.92 -0.27 0.00	75.35 -0.16 0.00	67.82 -0.09 0.00
STEEL___WIND 323596	31.90 0.28 0.00	25.49 -0.30 0.00	21.36 -0.27 0.00	22.85 -0.34 0.00	25.71 -0.43 0.00	27.20 -0.71 0.00	33.49 -0.80 0.00	26.95 -0.36 0.00	28.38 -0.01 0.00	40.77 1.11 0.00	39.20 0.92 0.00	40.64 0.95 -1.04	43.25 1.08 -2.33	47.17 1.46 -2.79	48.32 0.69 -2.78	46.57 -0.14 -1.15	65.41 -1.57 19.57	73.48 -1.40 2.10	78.99 -1.27 0.00	71.28 -1.31 0.00	73.22 -1.23 0.00	76.61 -1.58 0.00	74.53 -0.98 0.00	67.19 -0.71 0.00
STEPHTWN_115KV_BK_2 55603	32.19 0.57 0.00	26.42 0.63 0.00	22.34 0.71 0.00	24.01 0.82 0.00	26.87 0.74 0.00	28.61 0.70 0.00	35.04 0.74 0.00	27.83 0.53 0.00	28.89 0.50 0.00	40.26 0.59 0.00	38.73 0.45 0.00	39.21 0.56 0.00	40.29 0.46 0.00	43.29 0.49 0.12	45.11 0.60 0.33	46.00 0.88 0.44	88.82 2.30 0.03	79.30 2.50 0.17	83.16 2.91 0.00	75.47 2.88 0.00	77.10 2.65 0.00	81.11 2.92 0.00	77.74 2.24 0.00	69.80 1.90 0.00
STEUBEN_REC_LFGE 323667	31.21 -0.42 0.00	25.04 -0.76 0.00	21.20 -0.43 0.00	22.68 -0.51 0.00	25.56 -0.57 0.00	27.20 -0.71 0.00	33.44 -0.86 0.00	26.91 -0.40 0.00	28.08 -0.31 0.00	40.31 0.65 0.00	38.70 0.42 0.00	47.08 0.06 -8.37	58.69 0.06 -18.79	66.05 0.66 -22.47	67.33 0.10 -22.39	62.22 -0.83 -17.48	130.21 -1.18 -44.84	80.50 -1.28 -4.80	79.68 -0.57 0.00	72.84 0.24 0.00	75.01 0.56 0.00	78.95 0.76 0.00	76.54 1.03 0.00	69.20 1.30 0.00
STILLWATER___SOLAR 323814	32.81 1.19 0.00	27.01 1.21 0.00	22.81 1.18 0.00	24.49 1.30 0.00	27.45 1.32 0.00	29.24 1.33 0.00	35.83 1.54 0.00	28.47 1.16 0.00	29.56 1.17 0.00	41.11 1.44 0.00	39.57 1.28 0.00	39.84 1.20 0.00	40.79 0.96 0.00	43.54 0.88 0.26	45.16 1.03 0.70	45.90 1.27 0.94	89.33 2.84 0.06	79.64 3.01 0.35	84.16 3.91 0.00	76.52 3.93 0.00	78.47 4.01 0.00	82.49 4.30 0.00	78.87 3.37 0.00	71.10 3.20 0.00
STONY___BROOK 24151	33.66 2.04 0.00	27.84 2.05 0.00	23.41 1.78 0.00	24.93 1.74 0.00	27.85 1.72 0.00	29.59 1.68 0.00	36.22 1.93 0.00	29.06 1.76 0.00	30.12 1.73 0.00	41.73 2.07 0.00	40.86 2.58 0.00	41.52 2.87 0.00	42.31 2.48 0.00	45.39 2.34 -0.13	47.77 2.58 -0.35	49.75 3.72 -0.46	94.79 8.21 -0.03	84.57 7.42 -0.17	88.45 8.20 0.00	79.82 7.22 0.00	80.57 6.12 0.00	84.93 6.74 0.00	80.36 4.85 0.00	72.55 4.65 0.00
STURGEON_POOL_HYD 23609	33.00 1.38 0.00	27.15 1.35 0.00	22.97 1.34 0.00	24.66 1.47 0.00	27.53 1.40 0.00	29.24 1.33 0.00	35.77 1.47 0.00	28.54 1.23 0.00	29.60 1.22 0.00	41.33 1.67 0.00	40.10 1.82 0.00	40.46 1.82 0.00	41.48 1.65 0.00	44.80 1.82 -0.06	47.14 2.14 -0.15	48.38 2.61 -0.20	91.97 5.41 -0.01	82.34 5.29 -0.08	85.90 5.65 0.00	77.91 5.31 0.00	79.29 4.83 0.00	83.34 5.15 0.00	79.60 4.10 0.00	71.68 3.78 0.00

ST_LAW_115_BK7_LBMP 345037	31.34 -0.28 0.00	25.33 -0.46 0.00	21.01 -0.62 0.00	22.39 -0.80 0.00	25.39 -0.74 0.00	27.35 -0.57 0.00	33.87 -0.42 0.00	27.08 -0.23 0.00	28.34 -0.05 0.00	39.62 -0.04 0.00	37.96 -0.32 0.00	38.35 -0.29 0.00	39.67 -0.16 0.00	42.54 -0.37 0.00	44.54 -0.30 0.00	45.03 -0.53 0.00	85.77 -0.78 0.00	76.24 -0.73 0.00	79.35 -0.90 0.00	71.35 -1.25 0.00	73.64 -0.81 0.00	77.16 -1.03 0.00	75.02 -0.48 0.00	67.18 -0.72 0.00
ST_LAW_115_BK8_LBMP 345038	31.34 -0.28 0.00	25.33 -0.46 0.00	21.01 -0.62 0.00	22.39 -0.80 0.00	25.39 -0.74 0.00	27.35 -0.57 0.00	33.87 -0.42 0.00	27.08 -0.23 0.00	28.34 -0.05 0.00	39.62 -0.04 0.00	37.96 -0.32 0.00	38.35 -0.29 0.00	39.67 -0.16 0.00	42.54 -0.37 0.00	44.54 -0.30 0.00	45.03 -0.53 0.00	85.77 -0.78 0.00	76.24 -0.73 0.00	79.35 -0.90 0.00	71.35 -1.25 0.00	73.64 -0.81 0.00	77.16 -1.03 0.00	75.02 -0.48 0.00	67.18 -0.72 0.00
ST_LAW_230_BK5_LBMP 345035	31.34 -0.28 0.00	25.33 -0.46 0.00	21.04 -0.60 0.00	22.42 -0.77 0.00	25.41 -0.72 0.00	27.36 -0.55 0.00	33.88 -0.42 0.00	27.08 -0.23 0.00	28.32 -0.07 0.00	39.62 -0.05 0.00	37.96 -0.32 0.00	38.37 -0.28 0.00	39.68 -0.16 0.00	42.56 -0.36 0.00	44.56 -0.29 0.00	45.07 -0.50 0.00	85.83 -0.72 0.00	76.30 -0.67 0.00	79.40 -0.85 0.00	71.42 -1.18 0.00	73.66 -0.80 0.00	77.19 -1.00 0.00	75.02 -0.49 0.00	67.19 -0.71 0.00
ST_LAW_230_BK6_LBMP 345036	31.34 -0.28 0.00	25.33 -0.46 0.00	21.04 -0.60 0.00	22.42 -0.77 0.00	25.41 -0.72 0.00	27.36 -0.55 0.00	33.88 -0.42 0.00	27.08 -0.23 0.00	28.32 -0.07 0.00	39.62 -0.05 0.00	37.96 -0.32 0.00	38.37 -0.28 0.00	39.68 -0.16 0.00	42.56 -0.36 0.00	44.56 -0.29 0.00	45.07 -0.50 0.00	85.83 -0.72 0.00	76.30 -0.67 0.00	79.40 -0.85 0.00	71.42 -1.18 0.00	73.66 -0.80 0.00	77.19 -1.00 0.00	75.02 -0.49 0.00	67.19 -0.71 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.00 1.38 0.00	27.16 1.37 0.00	22.97 1.34 0.00	24.64 1.45 0.00	27.52 1.39 0.00	29.23 1.32 0.00	35.77 1.48 0.00	28.54 1.24 0.00	29.62 1.23 0.00	41.30 1.64 0.00	40.09 1.81 0.00	40.43 1.79 0.00	41.52 1.69 0.00	44.89 1.85 -0.12	47.28 2.12 -0.31	48.54 2.57 -0.41	91.85 5.28 -0.03	82.24 5.11 -0.15	85.76 5.50 0.00	77.77 5.17 0.00	79.17 4.71 0.00	83.19 5.01 0.00	79.47 3.97 0.00	71.61 3.71 0.00
SWANROAD_115KV_TB1 355699	31.56 -0.06 0.00	25.21 -0.58 0.00	21.06 -0.57 0.00	22.54 -0.65 0.00	25.41 -0.72 0.00	26.86 -1.05 0.00	33.04 -1.26 0.00	26.54 -0.76 0.00	27.97 -0.42 0.00	40.26 0.60 0.00	38.76 0.47 0.00	40.27 0.53 -1.10	42.99 0.69 -2.46	46.78 0.92 -2.94	47.88 0.10 -2.93	46.26 -0.72 -1.41	68.04 -2.84 15.68	72.48 -2.82 1.68	77.22 -3.04 0.00	69.32 -3.27 0.00	71.07 -3.39 0.00	74.23 -3.96 0.00	72.60 -2.91 0.00	65.56 -2.34 0.00
SYNERGY___BIOGAS 323694	32.96 1.33 0.00	26.36 0.56 0.00	22.03 0.40 0.00	23.58 0.39 0.00	26.57 0.44 0.00	28.12 0.20 0.00	34.59 0.30 0.00	27.76 0.46 0.00	29.15 0.76 0.00	41.74 2.08 0.00	40.17 1.89 0.00	42.11 2.10 -1.37	45.21 2.30 -3.08	49.25 2.65 -3.68	50.58 2.07 -3.67	49.08 1.37 -2.15	77.68 1.27 10.13	77.49 1.60 1.09	82.07 1.82 0.00	73.92 1.32 0.00	75.65 1.19 0.00	78.97 0.78 0.00	76.66 1.15 0.00	68.92 1.02 0.00
SYRACUSE___ENERGY_ST1 323597	31.61 -0.01 0.00	25.75 -0.05 0.00	21.69 0.05 0.00	23.26 0.07 0.00	26.13 0.00 0.00	27.87 -0.05 0.00	34.17 -0.13 0.00	27.22 -0.08 0.00	28.25 -0.14 0.00	39.53 -0.13 0.00	38.24 -0.04 0.00	38.59 -0.05 0.00	39.81 -0.02 0.00	43.12 0.19 0.00	45.00 0.13 -0.02	45.70 0.13 0.00	88.91 0.08 -2.27	77.82 0.18 -0.66	80.88 0.35 -0.27	73.20 0.60 0.00	75.77 0.40 -0.92	80.00 0.24 -1.57	75.75 -0.14 -0.39	67.84 -0.13 -0.06
SYRACUSE___ENERGY_ST2 323598	31.61 -0.01 0.00	25.75 -0.05 0.00	21.69 0.05 0.00	23.26 0.07 0.00	26.13 0.00 0.00	27.87 -0.05 0.00	34.17 -0.13 0.00	27.22 -0.08 0.00	28.25 -0.14 0.00	39.53 -0.13 0.00	38.24 -0.04 0.00	38.59 -0.05 0.00	39.81 -0.02 0.00	43.12 0.19 0.00	45.00 0.13 -0.02	45.70 0.13 0.00	88.91 0.08 -2.27	77.82 0.18 -0.66	80.88 0.35 -0.27	73.20 0.60 0.00	75.77 0.40 -0.92	80.00 0.24 -1.57	75.75 -0.14 -0.39	67.84 -0.13 -0.06
SYRACUSE___POWER 24017	31.61 -0.01 0.00	25.75 -0.04 0.00	21.69 0.06 0.00	23.27 0.08 0.00	26.15 0.01 0.00	27.86 -0.05 0.00	34.17 -0.13 0.00	27.21 -0.09 0.00	28.23 -0.15 0.00	39.53 -0.13 0.00	38.25 -0.03 0.00	38.60 -0.05 0.00	39.81 -0.03 0.00	43.10 0.18 0.00	44.96 0.12 0.00	45.73 0.16 0.00	87.41 0.15 -0.71	77.48 0.30 -0.21	80.83 0.50 -0.08	73.27 0.68 0.00	75.21 0.47 -0.29	79.03 0.35 -0.49	75.56 -0.07 -0.12	67.86 -0.06 -0.02
TALLMAN_138KV_BK151 55660	33.18 1.56 0.00	27.32 1.53 0.00	23.10 1.46 0.00	24.76 1.57 0.00	27.64 1.50 0.00	29.34 1.43 0.00	35.93 1.63 0.00	28.71 1.41 0.00	29.78 1.40 0.00	41.55 1.89 0.00	40.37 2.09 0.00	40.71 2.07 0.00	41.84 2.01 0.00	45.25 2.20 -0.12	47.67 2.50 -0.33	48.96 2.96 -0.43	92.55 5.97 -0.03	82.85 5.71 -0.16	86.32 6.07 0.00	78.27 5.68 0.00	79.64 5.18 0.00	83.67 5.48 0.00	79.90 4.39 0.00	72.03 4.13 0.00
TEALLAVE_115KV_TB7 355573	31.49 -0.13 0.00	25.65 -0.14 0.00	21.60 -0.03 0.00	23.17 -0.02 0.00	26.05 -0.09 0.00	27.74 -0.17 0.00	34.03 -0.26 0.00	27.10 -0.21 0.00	28.13 -0.26 0.00	39.38 -0.29 0.00	38.12 -0.16 0.00	38.48 -0.17 0.00	39.68 -0.15 0.00	42.95 0.03 0.00	44.80 -0.05 0.00	45.52 -0.05 0.00	86.91 -0.31 -0.67	77.03 -0.14 -0.20	80.36 0.03 -0.08	72.83 0.24 0.00	74.73 0.00 -0.27	78.51 -0.15 -0.46	75.12 -0.51 -0.11	67.50 -0.43 -0.02
TELGRAPH_34_KV_EAST 80808	32.28 0.66 0.00	25.80 0.01 0.00	21.56 -0.07 0.00	23.07 -0.12 0.00	26.00 -0.13 0.00	27.50 -0.42 0.00	33.84 -0.46 0.00	27.17 -0.13 0.00	28.59 0.20 0.00	41.04 1.38 0.00	39.53 1.25 0.00	41.25 1.37 -1.24	44.16 1.54 -2.79	48.13 1.88 -3.34	49.35 1.18 -3.32	47.77 0.42 -1.78	72.60 -0.65 13.30	74.97 -0.58 1.43	79.68 -0.57 0.00	71.64 -0.96 0.00	73.37 -1.09 0.00	76.63 -1.55 0.00	74.66 -0.84 0.00	67.29 -0.61 0.00
TEMPLE___115KV_TB 2 55572	31.50 -0.12 0.00	25.66 -0.13 0.00	21.61 -0.02 0.00	23.17 -0.01 0.00	26.05 -0.08 0.00	27.75 -0.16 0.00	34.04 -0.26 0.00	27.10 -0.20 0.00	28.13 -0.26 0.00	39.39 -0.27 0.00	38.13 -0.15 0.00	38.49 -0.16 0.00	39.70 -0.13 0.00	42.97 0.05 0.00	44.81 -0.03 0.00	45.55 -0.02 0.00	86.82 -0.27 -0.54	77.02 -0.11 -0.16	80.41 0.09 -0.06	72.86 0.26 0.00	74.70 0.02 -0.22	78.43 -0.13 -0.37	75.11 -0.49 -0.09	67.49 -0.43 -0.02
TIANA___69_KV_BK 1 55817	33.65 2.03 0.00	27.93 2.14 0.00	23.39 1.76 0.00	24.83 1.64 0.00	27.73 1.60 0.00	29.47 1.56 0.00	36.10 1.80 0.00	29.02 1.72 0.00	30.08 1.69 0.00	41.59 1.93 0.00	40.77 2.49 0.00	41.41 2.77 0.00	42.14 2.31 0.00	45.12 2.07 -0.13	47.47 2.28 -0.35	49.66 3.63 -0.46	95.05 8.47 -0.03	85.28 8.13 -0.17	89.24 8.98 0.00	80.37 7.78 0.00	81.03 6.58 0.00	84.97 6.78 0.00	80.13 4.62 0.00	72.23 4.33 0.00

TILDEN___115KV_TB1 80814	31.61 -0.01 0.00	25.75 -0.04 0.00	21.69 0.06 0.00	23.27 0.08 0.00	26.15 0.01 0.00	27.86 -0.05 0.00	34.17 -0.13 0.00	27.21 -0.09 0.00	28.23 -0.15 0.00	39.53 -0.13 0.00	38.25 -0.03 0.00	38.60 -0.05 0.00	39.81 -0.03 0.00	43.10 0.18 0.00	44.96 0.12 0.00	45.73 0.16 0.00	87.41 0.15 -0.71	77.48 0.30 -0.21	80.83 0.50 -0.08	73.27 0.68 0.00	75.21 0.47 -0.29	79.03 0.35 -0.49	75.56 -0.07 -0.12	67.86 -0.06 -0.02
TRIGEN___CC 323695	33.46 1.84 0.00	27.57 1.78 0.00	23.27 1.63 0.00	24.88 1.69 0.00	27.79 1.66 0.00	29.50 1.59 0.00	36.09 1.80 0.00	28.88 1.58 0.00	29.93 1.54 0.00	41.65 1.99 0.00	40.66 2.38 0.00	41.15 2.51 0.00	42.08 2.25 0.00	45.34 2.29 -0.13	47.77 2.58 -0.35	49.33 3.30 -0.46	93.47 6.89 -0.03	83.58 6.44 -0.17	87.18 6.92 0.00	78.91 6.31 0.00	79.99 5.54 0.00	84.09 5.90 0.00	79.93 4.42 0.00	72.25 4.35 0.00
TRINITY__115KV__4 BK 55933	31.92 0.30 0.00	26.23 0.44 0.00	22.17 0.54 0.00	23.83 0.65 0.00	26.69 0.55 0.00	28.41 0.49 0.00	34.75 0.45 0.00	27.58 0.27 0.00	28.62 0.24 0.00	39.82 0.16 0.00	38.45 0.17 0.00	38.79 0.15 0.00	39.90 0.06 0.00	42.84 0.05 0.13	44.67 0.17 0.34	45.54 0.43 0.45	87.62 1.09 0.03	78.14 1.33 0.17	81.88 1.62 0.00	74.30 1.70 0.00	75.92 1.46 0.00	79.89 1.70 0.00	76.61 1.11 0.00	68.97 1.07 0.00
UNION___PROCESSING_DRP 323587	32.19 0.57 0.00	25.92 0.12 0.00	21.70 0.07 0.00	23.24 0.06 0.00	26.16 0.02 0.00	27.75 -0.16 0.00	34.11 -0.18 0.00	27.33 0.02 0.00	28.64 0.25 0.00	40.76 1.10 0.00	39.39 1.11 0.00	41.58 1.24 -1.70	45.14 1.49 -3.82	49.27 1.79 -4.57	50.77 1.38 -4.55	49.62 0.87 -3.18	87.07 0.52 0.00	77.52 0.54 0.00	80.83 0.58 0.00	73.00 0.40 0.00	74.57 0.11 0.00	77.95 -0.24 0.00	75.39 -0.12 0.00	67.85 -0.06 0.00
UPPER HUDSON___HYD 24058	32.61 0.99 0.00	26.81 1.02 0.00	22.63 1.00 0.00	24.29 1.10 0.00	27.26 1.13 0.00	29.06 1.15 0.00	35.63 1.34 0.00	28.36 1.05 0.00	29.43 1.04 0.00	40.99 1.33 0.00	39.22 0.94 0.00	39.52 0.88 0.00	40.28 0.45 0.00	42.94 0.25 0.23	44.65 0.41 0.61	45.49 0.73 0.81	88.46 1.96 0.05	79.19 2.52 0.30	84.22 3.96 0.00	76.62 4.02 0.00	78.66 4.20 0.00	82.67 4.48 0.00	78.77 3.27 0.00	71.11 3.21 0.00
UPPER RAQUET___HYD 24056	31.62 0.00 0.00	25.50 -0.29 0.00	21.13 -0.50 0.00	22.52 -0.67 0.00	25.63 -0.50 0.00	27.64 -0.28 0.00	34.27 -0.03 0.00	27.43 0.13 0.00	28.70 0.31 0.00	40.07 0.41 0.00	38.24 -0.04 0.00	38.59 -0.05 0.00	39.78 -0.05 0.00	42.66 -0.26 0.00	44.84 -0.01 0.00	45.23 -0.33 0.00	86.01 -0.54 0.00	76.53 -0.45 0.00	80.05 -0.21 0.00	72.20 -0.40 0.00	75.02 0.57 0.00	78.74 0.55 0.00	76.65 1.14 0.00	68.43 0.52 0.00
VALLEY44_115KV_TB2 355964	31.89 0.27 0.00	25.60 -0.19 0.00	21.62 -0.01 0.00	23.15 -0.04 0.00	26.04 -0.10 0.00	27.56 -0.35 0.00	33.90 -0.39 0.00	27.25 -0.05 0.00	28.57 0.18 0.00	40.80 1.13 0.00	39.02 0.74 0.00	40.83 0.52 -1.66	44.12 0.56 -3.72	48.47 1.10 -4.45	49.64 0.36 -4.44	48.10 -0.26 -2.79	77.66 -1.32 7.57	74.59 -1.57 0.81	78.65 -1.61 0.00	71.31 -1.29 0.00	73.33 -1.12 0.00	77.10 -1.09 0.00	74.40 -1.11 0.00	67.09 -0.81 0.00
VALLEY___115KV_TB 1-4 80826	31.77 0.15 0.00	26.12 0.33 0.00	22.07 0.44 0.00	23.76 0.57 0.00	26.65 0.52 0.00	28.39 0.48 0.00	34.76 0.46 0.00	27.59 0.28 0.00	28.59 0.20 0.00	39.69 0.03 0.00	38.30 0.02 0.00	38.54 -0.11 0.00	39.56 -0.27 0.00	42.61 -0.31 0.00	44.37 -0.48 0.00	45.30 -0.27 0.00	86.63 0.08 0.00	77.81 0.84 0.00	81.53 1.28 0.00	74.63 2.03 0.00	76.31 1.86 0.00	80.10 1.91 0.00	76.61 1.10 0.00	68.92 1.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.86 1.23 0.00	26.83 1.04 0.00	22.75 1.11 0.00	24.42 1.23 0.00	27.38 1.24 0.00	29.18 1.26 0.00	35.76 1.46 0.00	28.39 1.08 0.00	29.56 1.17 0.00	41.38 1.72 0.00	40.05 1.77 0.00	39.68 1.75 0.71	39.98 1.74 1.60	43.02 2.01 1.91	45.05 2.11 1.90	46.51 2.28 1.33	90.98 4.43 0.00	81.36 4.38 0.00	84.72 4.47 0.00	76.94 4.34 0.00	78.55 4.09 0.00	82.60 4.41 0.00	79.22 3.71 0.00	71.24 3.34 0.00
VISCHER___FERRY HYD 24020	32.52 0.90 0.00	26.86 1.07 0.00	22.71 1.08 0.00	24.38 1.19 0.00	27.29 1.16 0.00	29.05 1.14 0.00	35.57 1.28 0.00	28.24 0.93 0.00	29.32 0.94 0.00	40.74 1.08 0.00	39.30 1.02 0.00	39.60 0.96 0.00	40.57 0.74 0.00	43.18 0.60 0.34	44.65 0.71 0.90	45.27 0.91 1.20	88.64 2.16 0.07	78.63 2.11 0.45	82.90 2.65 0.00	75.39 2.79 0.00	77.16 2.70 0.00	81.18 3.00 0.00	77.70 2.19 0.00	70.07 2.16 0.00
V_A_10_SYNC_DSASP 323832	31.86 0.24 0.00	25.55 -0.24 0.00	21.40 -0.23 0.00	22.91 -0.28 0.00	25.79 -0.34 0.00	27.30 -0.61 0.00	33.58 -0.71 0.00	26.95 -0.36 0.00	28.33 -0.06 0.00	40.53 0.87 0.00	39.03 0.75 0.00	40.51 0.82 -1.05	43.21 1.02 -2.36	47.01 1.27 -2.82	48.27 0.62 -2.81	47.03 -0.08 -1.56	74.85 -1.67 10.04	74.35 -1.55 1.08	78.70 -1.55 0.00	70.97 -1.63 0.00	72.68 -1.78 0.00	76.02 -2.17 0.00	73.92 -1.59 0.00	66.70 -1.20 0.00
V_CMM_10_SYNC_DSASP 323787	31.52 -0.10 0.00	25.46 -0.34 0.00	21.12 -0.51 0.00	22.51 -0.68 0.00	25.53 -0.60 0.00	27.49 -0.42 0.00	34.05 -0.24 0.00	27.23 -0.08 0.00	28.49 0.10 0.00	39.86 0.20 0.00	38.18 -0.10 0.00	38.59 -0.06 0.00	39.90 0.07 0.00	42.79 -0.13 0.00	44.79 -0.05 0.00	45.29 -0.27 0.00	86.25 -0.30 0.00	76.70 -0.28 0.00	79.80 -0.46 0.00	71.76 -0.83 0.00	74.06 -0.40 0.00	77.56 -0.63 0.00	75.42 -0.09 0.00	67.52 -0.38 0.00
V_CMP_10_SYNC_DSASP 323788	31.56 -0.07 0.00	25.37 -0.42 0.00	21.15 -0.48 0.00	22.39 -0.80 0.00	25.29 -0.85 0.00	27.30 -0.61 0.00	34.03 -0.26 0.00	27.17 -0.14 0.00	28.41 0.02 0.00	39.94 0.28 0.00	38.05 -0.23 0.00	38.38 -0.27 0.00	39.73 -0.11 0.00	42.47 -0.45 0.00	44.65 -0.19 0.00	45.53 -0.03 0.00	87.56 1.00 0.00	77.44 0.47 0.00	80.29 0.04 0.00	72.09 -0.51 0.00	74.51 0.05 0.00	78.34 0.15 0.00	75.86 0.35 0.00	67.91 0.01 0.00
V_D_10_SYNC_DSASP 323841	31.71 0.09 0.00	25.60 -0.19 0.00	21.24 -0.39 0.00	22.63 -0.55 0.00	25.68 -0.45 0.00	27.66 -0.25 0.00	34.28 -0.02 0.00	27.41 0.10 0.00	28.69 0.30 0.00	40.06 0.40 0.00	38.35 0.06 0.00	38.74 0.10 0.00	40.03 0.20 0.00	42.94 0.02 0.00	44.99 0.14 0.00	45.45 -0.11 0.00	86.53 -0.03 0.00	76.94 -0.04 0.00	80.08 -0.18 0.00	72.04 -0.56 0.00	74.53 0.08 0.00	78.09 -0.10 0.00	76.03 0.52 0.00	67.95 0.05 0.00
V_E_10_SYNC_DSASP 323830	32.18 0.56 0.00	26.18 0.39 0.00	22.25 0.62 0.00	23.84 0.66 0.00	26.79 0.65 0.00	28.74 0.82 0.00	35.47 1.18 0.00	28.48 1.18 0.00	29.72 1.33 0.00	41.79 2.13 0.00	40.42 2.13 0.00	39.97 1.98 0.66	40.24 1.89 1.48	43.53 2.37 1.76	45.52 2.43 1.76	46.91 2.42 1.08	95.69 5.45 -3.68	82.49 5.12 -0.39	85.04 4.79 0.00	79.07 6.48 0.00	80.56 6.10 0.00	84.29 6.10 0.00	80.66 5.15 0.00	72.93 5.03 0.00



V_F_30_NSYNC___DSASP 323816	32.85 1.23 0.00	27.02 1.22 0.00	22.81 1.18 0.00	24.50 1.31 0.00	27.46 1.33 0.00	29.26 1.35 0.00	35.86 1.57 0.00	28.49 1.18 0.00	29.58 1.19 0.00	41.16 1.50 0.00	39.62 1.34 0.00	39.92 1.28 0.00	40.89 1.06 0.00	43.69 1.02 0.25	45.33 1.15 0.66	46.07 1.38 0.88	89.59 3.09 0.05	79.88 3.23 0.33	84.36 4.11 0.00	76.69 4.09 0.00	78.65 4.19 0.00	82.64 4.46 0.00	79.02 3.51 0.00	71.22 3.32 0.00
V_F_30_SYNC_DSASP 323786	32.05 0.43 0.00	26.32 0.52 0.00	22.25 0.62 0.00	23.91 0.72 0.00	26.77 0.64 0.00	28.52 0.60 0.00	34.87 0.58 0.00	27.69 0.38 0.00	28.75 0.36 0.00	39.99 0.32 0.00	38.63 0.35 0.00	38.97 0.33 0.00	40.09 0.25 0.00	43.06 0.28 0.14	44.89 0.42 0.37	45.77 0.70 0.49	88.16 1.64 0.03	78.65 1.86 0.18	82.42 2.17 0.00	74.78 2.18 0.00	76.42 1.96 0.00	80.39 2.20 0.00	77.08 1.57 0.00	69.37 1.47 0.00
V_XM_10_SYNC_DSASP 323789	31.56 -0.07 0.00	25.37 -0.42 0.00	21.15 -0.48 0.00	22.39 -0.80 0.00	25.29 -0.85 0.00	27.30 -0.61 0.00	34.03 -0.26 0.00	27.17 -0.14 0.00	28.41 0.02 0.00	39.94 0.28 0.00	38.05 -0.23 0.00	38.38 -0.27 0.00	39.73 -0.11 0.00	42.47 -0.45 0.00	44.65 -0.19 0.00	45.53 -0.03 0.00	87.56 1.00 0.00	77.44 0.47 0.00	80.29 0.04 0.00	72.09 -0.51 0.00	74.51 0.05 0.00	78.34 0.15 0.00	75.86 0.35 0.00	67.91 0.01 0.00
W.BABYLN_69_KV_BK1 56697	33.96 2.34 0.00	28.01 2.22 0.00	23.60 1.97 0.00	25.16 1.98 0.00	28.11 1.97 0.00	29.85 1.94 0.00	36.53 2.24 0.00	29.27 1.97 0.00	30.34 1.96 0.00	42.15 2.49 0.00	41.24 2.96 0.00	41.86 3.21 0.00	42.59 2.76 0.00	45.67 2.62 -0.13	48.09 2.90 -0.35	49.97 3.94 -0.46	94.98 8.40 -0.03	84.96 7.81 -0.17	88.84 8.58 0.00	80.24 7.65 0.00	81.04 6.59 0.00	85.13 6.94 0.00	80.74 5.24 0.00	73.08 5.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.30 1.68 0.00	27.42 1.63 0.00	23.18 1.55 0.00	24.86 1.67 0.00	27.74 1.60 0.00	29.46 1.54 0.00	36.06 1.76 0.00	28.81 1.51 0.00	29.91 1.52 0.00	41.73 2.07 0.00	40.53 2.25 0.00	40.88 2.23 0.00	42.01 2.18 0.00	45.42 2.37 -0.12	47.86 2.69 -0.33	49.16 3.16 -0.44	92.98 6.41 -0.03	83.23 6.09 -0.16	86.72 6.47 0.00	78.64 6.04 0.00	80.01 5.56 0.00	84.07 5.88 0.00	80.26 4.76 0.00	72.33 4.43 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.39 1.77 0.00	27.55 1.76 0.00	23.30 1.67 0.00	24.97 1.78 0.00	27.81 1.67 0.00	29.50 1.59 0.00	36.09 1.80 0.00	28.89 1.58 0.00	29.97 1.58 0.00	41.78 2.11 0.00	40.62 2.34 0.00	41.01 2.37 0.00	42.16 2.33 0.00	45.55 2.50 -0.13	48.02 2.83 -0.35	49.31 3.28 -0.46	93.14 6.56 -0.03	83.40 6.25 -0.17	86.92 6.67 0.00	78.77 6.17 0.00	80.09 5.63 0.00	84.18 5.99 0.00	80.35 4.85 0.00	72.53 4.63 0.00
W50THST__13_KV_LOAD 356117	33.58 1.96 0.00	27.65 1.86 0.00	23.38 1.75 0.00	25.06 1.87 0.00	27.95 1.81 0.00	29.65 1.73 0.00	36.27 1.97 0.00	29.04 1.74 0.00	30.14 1.75 0.00	42.03 2.37 0.00	40.87 2.59 0.00	41.28 2.63 0.00	42.45 2.62 0.00	45.87 2.82 -0.13	48.35 3.16 -0.35	49.64 3.61 -0.46	93.77 7.19 -0.03	83.96 6.82 -0.17	87.50 7.25 0.00	79.27 6.67 0.00	80.60 6.15 0.00	84.71 6.52 0.00	80.86 5.35 0.00	72.98 5.08 0.00
WADING RIVER_IC_1 23522	33.23 1.61 0.00	27.63 1.84 0.00	23.18 1.55 0.00	24.58 1.40 0.00	27.46 1.32 0.00	29.18 1.27 0.00	35.81 1.52 0.00	28.77 1.47 0.00	29.81 1.42 0.00	41.10 1.43 0.00	40.26 1.98 0.00	40.91 2.26 0.00	41.62 1.79 0.00	44.56 1.51 -0.13	46.88 1.69 -0.35	48.96 2.93 -0.46	93.51 6.93 -0.03	83.83 6.68 -0.17	87.75 7.50 0.00	79.13 6.53 0.00	79.83 5.37 0.00	83.82 5.63 0.00	79.17 3.66 0.00	71.44 3.54 0.00
WADING RIVER_IC_2 23547	33.23 1.61 0.00	27.63 1.84 0.00	23.18 1.55 0.00	24.58 1.40 0.00	27.46 1.32 0.00	29.18 1.27 0.00	35.81 1.52 0.00	28.77 1.47 0.00	29.81 1.42 0.00	41.10 1.43 0.00	40.26 1.98 0.00	40.91 2.26 0.00	41.62 1.79 0.00	44.56 1.51 -0.13	46.88 1.69 -0.35	48.96 2.93 -0.46	93.51 6.93 -0.03	83.83 6.68 -0.17	87.75 7.50 0.00	79.13 6.53 0.00	79.83 5.37 0.00	83.82 5.63 0.00	79.17 3.66 0.00	71.44 3.54 0.00
WADING RIVER_IC_3 23601	33.23 1.61 0.00	27.63 1.84 0.00	23.18 1.55 0.00	24.58 1.40 0.00	27.46 1.32 0.00	29.18 1.27 0.00	35.81 1.52 0.00	28.77 1.47 0.00	29.81 1.42 0.00	41.10 1.43 0.00	40.26 1.98 0.00	40.91 2.26 0.00	41.62 1.79 0.00	44.56 1.51 -0.13	46.88 1.69 -0.35	48.96 2.93 -0.46	93.51 6.93 -0.03	83.83 6.68 -0.17	87.75 7.50 0.00	79.13 6.53 0.00	79.83 5.37 0.00	83.82 5.63 0.00	79.17 3.66 0.00	71.44 3.54 0.00
WALDENNY_12_KV_BK2 80841	32.05 0.43 0.00	25.60 -0.19 0.00	21.43 -0.20 0.00	22.92 -0.27 0.00	25.80 -0.33 0.00	27.31 -0.61 0.00	33.60 -0.70 0.00	27.04 -0.27 0.00	28.49 0.10 0.00	40.95 1.29 0.00	39.41 1.13 0.00	40.86 1.17 -1.04	43.49 1.32 -2.34	47.43 1.71 -2.80	48.60 0.96 -2.79	46.93 0.19 -1.17	66.34 -1.09 19.13	73.95 -0.97 2.05	79.29 -0.96 0.00	71.46 -1.13 0.00	73.33 -1.12 0.00	76.69 -1.50 0.00	74.63 -0.87 0.00	67.27 -0.63 0.00
WALDEN__HYDRO 24148	33.12 1.50 0.00	27.24 1.45 0.00	23.04 1.41 0.00	24.71 1.53 0.00	27.60 1.47 0.00	29.32 1.40 0.00	35.88 1.59 0.00	28.65 1.34 0.00	29.72 1.33 0.00	41.46 1.80 0.00	40.23 1.95 0.00	40.55 1.90 0.00	41.62 1.79 0.00	44.95 1.93 -0.10	47.34 2.24 -0.26	48.62 2.71 -0.34	92.21 5.64 -0.02	82.61 5.51 -0.13	86.24 5.99 0.00	78.21 5.62 0.00	79.63 5.18 0.00	83.68 5.49 0.00	79.90 4.39 0.00	71.96 4.06 0.00
WARRENSBURG____ 23737	32.61 0.99 0.00	26.81 1.02 0.00	22.63 0.99 0.00	24.29 1.10 0.00	27.27 1.13 0.00	29.06 1.15 0.00	35.63 1.34 0.00	28.36 1.05 0.00	29.43 1.04 0.00	40.99 1.32 0.00	39.22 0.94 0.00	39.52 0.87 0.00	40.28 0.45 0.00	42.94 0.25 0.23	44.64 0.41 0.61	45.49 0.73 0.81	88.46 1.96 0.05	79.19 2.52 0.30	84.22 3.96 0.00	76.62 4.03 0.00	78.66 4.20 0.00	82.67 4.48 0.00	78.77 3.27 0.00	71.11 3.21 0.00
WATERSIDE____6 8 9 23538	33.40 1.78 0.00	27.59 1.79 0.00	23.34 1.71 0.00	25.01 1.82 0.00	27.86 1.72 0.00	29.53 1.62 0.00	36.13 1.83 0.00	28.95 1.64 0.00	29.98 1.59 0.00	41.79 2.12 0.00	40.67 2.38 0.00	41.04 2.39 0.00	42.21 2.38 0.00	45.60 2.55 -0.13	48.08 2.89 -0.35	49.36 3.33 -0.46	93.08 6.50 -0.03	83.39 6.25 -0.17	86.93 6.68 0.00	78.75 6.16 0.00	80.08 5.62 0.00	84.17 5.98 0.00	80.32 4.81 0.00	72.58 4.68 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.72 0.10 0.00	26.03 0.23 0.00	21.96 0.33 0.00	23.62 0.43 0.00	26.53 0.39 0.00	28.26 0.35 0.00	34.62 0.32 0.00	27.49 0.18 0.00	28.51 0.12 0.00	39.65 -0.01 0.00	38.27 -0.01 0.00	38.55 -0.09 0.00	39.61 -0.23 0.00	42.65 -0.26 0.00	44.47 -0.37 0.00	45.34 -0.22 0.00	86.59 0.04 0.00	77.55 0.57 0.00	81.18 0.93 0.00	74.08 1.48 0.00	75.83 1.37 0.00	79.65 1.47 0.00	76.34 0.83 0.00	68.67 0.77 0.00

WDELAWARE___HYD 323627	32.37 0.74 0.00	26.59 0.80 0.00	22.48 0.85 0.00	24.12 0.94 0.00	26.95 0.82 0.00	28.64 0.72 0.00	35.06 0.77 0.00	28.19 0.88 0.00	29.27 0.88 0.00	40.82 1.16 0.00	39.54 1.26 0.00	39.75 1.10 0.00	40.50 0.67 0.00	43.75 0.75 -0.08	46.09 1.03 -0.22	47.37 1.52 -0.29	90.24 3.67 -0.02	81.04 3.96 -0.11	84.68 4.43 0.00	76.83 4.24 0.00	78.15 3.69 0.00	82.10 3.91 0.00	78.38 2.87 0.00	70.59 2.68 0.00
WEST BABYLON___IC 23714	33.96 2.34 0.00	28.01 2.22 0.00	23.60 1.97 0.00	25.16 1.98 0.00	28.11 1.97 0.00	29.85 1.94 0.00	36.53 2.24 0.00	29.27 1.97 0.00	30.34 1.96 0.00	42.15 2.49 0.00	41.24 2.96 0.00	41.86 3.21 0.00	42.59 2.76 0.00	45.67 2.62 -0.13	48.09 2.90 -0.35	49.97 3.94 -0.46	94.98 8.40 -0.03	84.96 7.81 -0.17	88.84 8.58 0.00	80.24 7.65 0.00	81.04 6.59 0.00	85.13 6.94 0.00	80.74 5.24 0.00	73.08 5.17 0.00
WEST CANADA___HYD 24049	31.66 0.04 0.00	25.87 0.08 0.00	21.77 0.13 0.00	23.37 0.18 0.00	26.29 0.15 0.00	28.05 0.14 0.00	34.40 0.11 0.00	27.36 0.05 0.00	28.42 0.03 0.00	39.67 0.01 0.00	38.32 0.04 0.00	38.69 0.04 0.00	39.84 0.00 0.00	42.93 0.01 0.00	44.85 0.01 0.00	45.65 0.09 0.00	86.74 0.18 0.00	77.24 0.27 0.00	80.67 0.41 0.00	73.10 0.51 0.00	74.87 0.41 0.00	78.68 0.49 0.00	75.79 0.28 0.00	68.17 0.27 0.00
WESTERN_NY_WIND 24143	32.92 1.30 0.00	26.33 0.53 0.00	22.01 0.37 0.00	23.55 0.36 0.00	26.54 0.40 0.00	28.08 0.17 0.00	34.56 0.26 0.00	27.73 0.43 0.00	29.11 0.73 0.00	41.71 2.05 0.00	40.13 1.85 0.00	42.04 2.06 -1.34	45.10 2.26 -3.01	49.12 2.60 -3.59	50.44 2.02 -3.58	48.92 1.29 -2.06	76.78 1.14 10.91	77.28 1.47 1.17	81.95 1.69 0.00	73.80 1.20 0.00	75.51 1.05 0.00	78.83 0.64 0.00	76.55 1.04 0.00	68.83 0.93 0.00
WESTOVER___LESR 323668	31.83 0.20 0.00	25.89 0.10 0.00	21.94 0.31 0.00	23.50 0.32 0.00	26.39 0.26 0.00	28.10 0.18 0.00	34.44 0.15 0.00	27.44 0.13 0.00	28.52 0.13 0.00	40.11 0.44 0.00	38.66 0.38 0.00	37.38 0.33 0.00	36.54 0.28 1.59	39.29 0.63 4.27	41.05 0.45 4.25	43.05 0.45 2.97	87.44 0.89 0.00	77.78 0.81 0.00	81.13 0.87 0.00	73.64 1.05 0.00	75.39 0.93 0.00	79.16 0.97 0.00	75.97 0.46 0.00	68.41 0.51 0.00
WETHRSFD_WT_PWR 323626	30.98 -0.64 0.00	24.82 -0.97 0.00	20.89 -0.75 0.00	22.40 -0.79 0.00	25.19 -0.94 0.00	26.76 -1.16 0.00	32.91 -1.39 0.00	26.43 -0.88 0.00	27.60 -0.79 0.00	39.64 -0.03 0.00	38.05 -0.23 0.00	15.75 -0.42 22.47	-10.96 -0.35 50.45	-17.45 -0.07 60.30	-16.09 -0.86 60.08	-1.52 -1.75 45.34	1.12 -3.93 81.50	64.89 -3.36 8.73	77.26 -3.00 0.00	70.25 -2.35 0.00	72.59 -1.86 0.00	76.47 -1.72 0.00	74.37 -1.14 0.00	67.22 -0.68 0.00
WHAVSTOR_138KV_BK127 55557	33.13 1.51 0.00	27.29 1.50 0.00	23.07 1.44 0.00	24.74 1.55 0.00	27.61 1.47 0.00	29.31 1.40 0.00	35.88 1.58 0.00	28.67 1.36 0.00	29.74 1.35 0.00	41.48 1.82 0.00	40.30 2.02 0.00	40.64 1.99 0.00	41.75 1.92 0.00	45.13 2.08 -0.12	47.55 2.37 -0.33	48.83 2.82 -0.44	92.29 5.71 -0.03	82.62 5.48 -0.16	86.09 5.84 0.00	78.07 5.48 0.00	79.43 4.97 0.00	83.47 5.29 0.00	79.73 4.22 0.00	71.88 3.98 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.13 1.51 0.00	27.29 1.50 0.00	23.07 1.44 0.00	24.74 1.55 0.00	27.61 1.47 0.00	29.31 1.40 0.00	35.88 1.58 0.00	28.67 1.36 0.00	29.74 1.35 0.00	41.48 1.82 0.00	40.30 2.02 0.00	40.64 1.99 0.00	41.75 1.92 0.00	45.13 2.08 -0.12	47.55 2.37 -0.33	48.83 2.82 -0.44	92.29 5.71 -0.03	82.62 5.48 -0.16	86.09 5.84 0.00	78.07 5.48 0.00	79.43 4.97 0.00	83.47 5.29 0.00	79.73 4.22 0.00	71.88 3.98 0.00
WHITEHAL_115KV_TB1 80871	32.02 0.40 0.00	26.64 0.85 0.00	22.47 0.84 0.00	24.16 0.97 0.00	27.26 1.12 0.00	29.12 1.21 0.00	35.69 1.39 0.00	28.65 1.35 0.00	29.32 0.93 0.00	41.18 1.52 0.00	39.34 1.06 0.00	39.58 0.94 0.00	39.57 -0.27 0.00	41.86 -0.83 0.23	43.70 -0.53 0.61	45.30 0.54 0.81	88.49 1.99 0.05	79.15 2.48 0.30	85.18 4.92 0.00	77.50 4.91 0.00	78.76 4.31 0.00	82.96 4.77 0.00	78.16 2.65 0.00	71.14 3.24 0.00
WHITEPLN_13_KV_LOAD 356215	33.55 1.92 0.00	27.64 1.84 0.00	23.36 1.73 0.00	25.04 1.85 0.00	27.93 1.80 0.00	29.65 1.74 0.00	36.29 1.99 0.00	29.02 1.71 0.00	30.12 1.73 0.00	42.02 2.36 0.00	40.83 2.55 0.00	41.22 2.58 0.00	42.37 2.54 0.00	45.79 2.75 -0.13	48.24 3.05 -0.35	49.56 3.53 -0.46	93.77 7.19 -0.03	83.99 6.84 -0.17	87.58 7.32 0.00	79.40 6.81 0.00	80.77 6.31 0.00	84.85 6.66 0.00	80.97 5.46 0.00	72.98 5.07 0.00
WM_FLOYD_69_KV_BK2 356380	33.58 1.96 0.00	27.84 2.04 0.00	23.38 1.75 0.00	24.85 1.66 0.00	27.76 1.62 0.00	29.50 1.58 0.00	36.13 1.83 0.00	29.03 1.72 0.00	30.08 1.69 0.00	41.56 1.90 0.00	40.69 2.41 0.00	41.31 2.67 0.00	42.05 2.22 0.00	45.01 1.95 -0.13	47.32 2.12 -0.35	49.36 3.33 -0.46	94.26 7.68 -0.03	84.50 7.35 -0.17	88.47 8.21 0.00	79.83 7.24 0.00	80.58 6.12 0.00	84.63 6.44 0.00	79.99 4.48 0.00	72.19 4.29 0.00
WOODARD__115KV_TB2 355635	31.44 -0.18 0.00	25.62 -0.18 0.00	21.56 -0.07 0.00	23.13 -0.06 0.00	26.00 -0.13 0.00	27.70 -0.21 0.00	33.98 -0.31 0.00	27.06 -0.25 0.00	28.08 -0.31 0.00	39.31 -0.35 0.00	38.03 -0.25 0.00	38.40 -0.25 0.00	39.61 -0.22 0.00	42.85 -0.06 0.00	44.71 -0.14 -0.01	45.41 -0.15 0.00	87.63 -0.52 -1.60	77.11 -0.34 -0.47	80.28 -0.16 -0.19	72.64 0.05 0.00	74.92 -0.18 -0.65	78.95 -0.34 -1.10	75.11 -0.67 -0.27	67.38 -0.57 -0.05
WOODMERE_69_KV_BK1 55827	33.79 2.17 0.00	27.83 2.04 0.00	23.49 1.86 0.00	25.10 1.91 0.00	28.05 1.91 0.00	29.77 1.86 0.00	36.43 2.14 0.00	29.15 1.85 0.00	30.23 1.84 0.00	42.11 2.44 0.00	41.15 2.87 0.00	41.63 2.98 0.00	42.57 2.74 0.00	45.94 2.89 -0.13	48.45 3.25 -0.35	50.09 4.06 -0.46	94.94 8.37 -0.03	84.95 7.80 -0.17	88.62 8.37 0.00	80.18 7.58 0.00	81.25 6.80 0.00	85.36 7.17 0.00	81.06 5.55 0.00	73.24 5.34 0.00
YORK___WARBASSE 23770	33.43 1.81 0.00	27.60 1.80 0.00	23.33 1.70 0.00	24.99 1.80 0.00	27.83 1.70 0.00	29.51 1.60 0.00	36.12 1.83 0.00	28.94 1.64 0.00	30.00 1.61 0.00	41.83 2.17 0.00	40.71 2.43 0.00	41.08 2.43 0.00	42.25 2.42 0.00	45.62 2.57 -0.13	48.11 2.92 -0.35	49.33 3.31 -0.46	93.04 6.46 -0.03	83.44 6.29 -0.17	87.00 6.74 0.00	78.86 6.27 0.00	80.16 5.70 0.00	84.25 6.06 0.00	80.43 4.92 0.00	72.76 4.86 0.00