

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/14/2025

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	41.11	37.25	37.53	35.34	33.37	30.80	43.12	80.23	59.97	36.47	35.32	30.17	28.20	28.94	26.39	22.61	26.34	34.37	49.83	57.27	47.02	38.48	33.97	34.60
24138	1.55	1.38	1.35	1.19	1.09	1.11	1.91	4.08	3.20	2.13	2.04	1.54	1.48	1.47	1.54	1.37	1.62	1.97	2.56	2.96	2.57	1.99	1.70	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	-0.16	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	41.28	37.40	37.68	35.49	33.50	30.91	43.29	80.44	60.42	36.59	35.35	30.17	28.20	28.93	26.35	22.58	26.31	34.34	49.86	57.32	47.07	38.51	34.00	34.64
24260	1.73	1.53	1.51	1.34	1.22	1.21	2.07	4.29	3.26	2.14	2.06	1.55	1.48	1.46	1.50	1.34	1.60	1.94	2.59	3.01	2.61	2.02	1.73	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	-0.26	0.00	0.00	0.00	0.00	-0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	41.28	37.40	37.68	35.49	33.50	30.91	43.29	80.44	60.42	36.59	35.35	30.17	28.20	28.93	26.35	22.58	26.31	34.34	49.86	57.32	47.07	38.51	34.00	34.64
24261	1.73	1.53	1.51	1.34	1.22	1.21	2.07	4.29	3.26	2.14	2.06	1.55	1.48	1.46	1.50	1.34	1.60	1.94	2.59	3.01	2.61	2.02	1.73	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	-0.26	0.00	0.00	0.00	0.00	-0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	41.44	37.51	37.84	35.83	33.85	31.28	43.88	80.98	59.18	35.64	34.74	29.90	27.84	28.54	25.81	22.18	26.02	34.32	50.29	57.80	47.47	39.04	34.46	35.19
24011	1.88	1.64	1.67	1.67	1.57	1.59	2.66	4.83	3.08	1.46	1.46	1.28	1.12	1.07	0.96	0.96	1.30	1.93	3.02	3.49	3.02	2.54	2.19	2.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	41.59	37.62	37.95	35.95	33.94	31.38	44.09	81.34	59.40	35.70	34.74	29.96	27.89	28.59	25.84	22.25	26.15	34.46	50.52	58.10	47.78	39.35	34.71	35.44
23798	2.03	1.75	1.77	1.79	1.67	1.69	2.88	5.20	3.30	1.51	1.46	1.34	1.18	1.13	1.00	1.03	1.44	2.07	3.25	3.79	3.32	2.85	2.44	2.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	41.44	37.51	37.84	35.83	33.85	31.28	43.88	80.98	59.18	35.64	34.74	29.90	27.84	28.54	25.81	22.18	26.02	34.32	50.29	57.80	47.47	39.04	34.46	35.19
24028	1.88	1.64	1.67	1.67	1.57	1.59	2.66	4.83	3.08	1.46	1.46	1.28	1.12	1.07	0.96	0.96	1.30	1.93	3.02	3.49	3.02	2.54	2.19	2.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	40.81	36.99	37.27	35.26	33.32	30.74	42.93	79.09	58.08	35.33	34.23	29.31	27.33	27.98	25.37	21.79	25.62	33.69	49.05	56.33	46.35	38.22	33.81	34.52
23527	1.25	1.12	1.09	1.11	1.04	1.05	1.72	2.94	1.98	1.14	0.95	0.68	0.61	0.51	0.53	0.57	0.91	1.30	1.78	2.03	1.90	1.73	1.54	1.58
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	40.50	36.72	37.02	34.99	33.05	30.44	42.42	78.31	57.58	35.08	34.08	29.21	27.27	27.99	25.40	21.74	25.43	33.39	48.69	55.93	45.88	37.69	33.35	34.02
24190	0.94	0.85	0.84	0.83	0.77	0.75	1.21	2.16	1.48	0.89	0.81	0.59	0.56	0.52	0.55	0.52	0.71	1.00	1.42	1.63	1.43	1.20	1.08	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	40.38	36.68	37.00	34.86	32.93	30.22	41.84	77.29	57.39	35.05	34.18	29.49	27.51	28.32	25.42	21.67	25.20	32.99	48.07	55.44	45.36	37.32	32.87	33.46
355683	0.83	0.81	0.82	0.71	0.66	0.53	0.63	1.14	1.28	0.86	0.89	0.86	0.79	0.85	0.58	0.44	0.48	0.59	0.81	1.13	0.90	0.82	0.59	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	40.86	37.05	37.36	35.32	33.38	30.74	42.93	79.23	57.93	34.97	33.88	29.02	27.13	27.97	25.23	21.57	25.25	33.41	49.00	56.36	46.19	37.96	33.58	34.24
323833	1.31	1.17	1.18	1.16	1.10	1.05	1.72	3.08	1.83	0.78	0.59	0.39	0.42	0.50	0.38	0.34	0.54	1.02	1.73	2.05	1.74	1.47	1.30	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	40.85	37.04	37.35	35.30	33.37	30.73	42.91	79.21	57.92	34.96	33.87	29.02	27.13	27.97	25.23	21.57	25.25	33.40	49.00	56.34	46.18	37.95	33.57	34.22
323834	1.30	1.16	1.17	1.15	1.09	1.04	1.70	3.06	1.82	0.77	0.59	0.39	0.42	0.50	0.38	0.34	0.53	1.01	1.73	2.04	1.72	1.45	1.29	1.28
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	40.50	36.72	37.02	34.99	33.05	30.44	42.42	78.31	57.58	35.08	34.08	29.21	27.27	27.99	25.40	21.74	25.43	33.39	48.69	55.93	45.88	37.69	33.35	34.02
23571	0.94	0.85	0.84	0.83	0.77	0.75	1.21	2.16	1.48	0.89	0.81	0.59	0.56	0.52	0.55	0.52	0.71	1.00	1.42	1.63	1.43	1.20	1.08	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	40.50 0.94 0.00	36.72 0.85 0.00	37.02 0.84 0.00	34.99 0.83 0.00	33.05 0.77 0.00	30.44 0.75 0.00	42.42 1.21 0.00	78.31 2.16 0.00	57.58 1.48 0.00	35.08 0.89 0.00	34.08 0.81 0.00	29.21 0.59 0.00	27.27 0.56 0.00	27.99 0.52 0.00	25.40 0.55 0.00	21.74 0.52 0.00	25.43 0.71 0.00	33.39 1.00 0.00	48.69 1.42 0.00	55.93 1.63 0.00	45.88 1.43 0.00	37.69 1.20 0.00	33.35 1.08 0.00	34.02 1.08 0.00
ALBANY___3 23573	40.50 0.94 0.00	36.72 0.85 0.00	37.02 0.84 0.00	34.99 0.83 0.00	33.05 0.77 0.00	30.44 0.75 0.00	42.42 1.21 0.00	78.31 2.16 0.00	57.58 1.48 0.00	35.08 0.89 0.00	34.08 0.81 0.00	29.21 0.59 0.00	27.27 0.56 0.00	27.99 0.52 0.00	25.40 0.55 0.00	21.74 0.52 0.00	25.43 0.71 0.00	33.39 1.00 0.00	48.69 1.42 0.00	55.93 1.63 0.00	45.88 1.43 0.00	37.69 1.20 0.00	33.35 1.08 0.00	34.02 1.08 0.00
ALBANY___4 23574	40.50 0.94 0.00	36.72 0.85 0.00	37.02 0.84 0.00	34.99 0.83 0.00	33.05 0.77 0.00	30.44 0.75 0.00	42.42 1.21 0.00	78.31 2.16 0.00	57.58 1.48 0.00	35.08 0.89 0.00	34.08 0.81 0.00	29.21 0.59 0.00	27.27 0.56 0.00	27.99 0.52 0.00	25.40 0.55 0.00	21.74 0.52 0.00	25.43 0.71 0.00	33.39 1.00 0.00	48.69 1.42 0.00	55.93 1.63 0.00	45.88 1.43 0.00	37.69 1.20 0.00	33.35 1.08 0.00	34.02 1.08 0.00
ALBANY___LFGE 323615	40.71 1.15 0.00	36.90 1.03 0.00	37.20 1.02 0.00	35.16 1.00 0.00	33.22 0.94 0.00	30.60 0.91 0.00	42.67 1.46 0.00	78.74 2.59 0.00	57.88 1.78 0.00	35.25 1.06 0.00	34.25 0.97 0.00	29.33 0.71 0.00	27.39 0.68 0.00	28.11 0.65 0.00	25.50 0.65 0.00	21.83 0.61 0.00	25.56 0.84 0.00	33.58 1.19 0.00	48.96 1.69 0.00	56.23 1.92 0.00	46.14 1.68 0.00	37.89 1.40 0.00	33.51 1.24 0.00	34.18 1.24 0.00
ALCOA_PA_115KV_PL-6C 55860	40.52 0.96 0.00	36.81 0.93 0.00	37.13 0.95 0.00	34.99 0.83 0.00	33.06 0.78 0.00	30.34 0.65 0.00	42.02 0.81 0.00	77.61 1.46 0.00	57.60 1.49 0.00	35.12 0.93 0.00	34.24 0.95 0.00	29.54 0.91 0.00	27.55 0.83 0.00	28.37 0.90 0.00	25.46 0.61 0.00	21.69 0.46 0.00	25.22 0.50 0.00	33.04 0.65 0.00	48.21 0.94 0.00	55.64 1.34 0.00	45.52 1.07 0.00	37.44 0.95 0.00	32.97 0.69 0.00	33.55 0.61 0.00
ALCOA_RYNLDS___DRP 24188	40.52 0.96 0.00	36.81 0.93 0.00	37.13 0.95 0.00	34.99 0.83 0.00	33.06 0.78 0.00	30.34 0.65 0.00	42.02 0.81 0.00	77.61 1.46 0.00	57.60 1.49 0.00	35.12 0.93 0.00	34.24 0.95 0.00	29.54 0.91 0.00	27.55 0.83 0.00	28.37 0.90 0.00	25.46 0.61 0.00	21.69 0.46 0.00	25.22 0.50 0.00	33.04 0.65 0.00	48.21 0.94 0.00	55.64 1.34 0.00	45.52 1.07 0.00	37.44 0.95 0.00	32.97 0.69 0.00	33.55 0.61 0.00
ALCOA___DSASP 323711	40.52 0.96 0.00	36.81 0.93 0.00	37.13 0.95 0.00	34.99 0.83 0.00	33.06 0.78 0.00	30.34 0.65 0.00	42.02 0.81 0.00	77.61 1.46 0.00	57.60 1.49 0.00	35.12 0.93 0.00	34.24 0.95 0.00	29.54 0.91 0.00	27.55 0.83 0.00	28.37 0.90 0.00	25.46 0.61 0.00	21.69 0.46 0.00	25.22 0.50 0.00	33.04 0.65 0.00	48.21 0.94 0.00	55.64 1.34 0.00	45.52 1.06 0.00	37.44 0.95 0.00	32.96 0.69 0.00	33.55 0.60 0.00
ALLEGHENY___COGEN 23514	39.61 0.05 0.00	35.86 -0.01 0.00	36.22 0.04 0.00	33.88 -0.28 0.00	32.06 -0.21 0.00	29.60 -0.09 0.00	41.10 -0.11 0.00	76.11 -0.04 0.00	55.36 -0.75 0.00	32.76 -1.43 0.00	31.77 -1.52 0.00	27.31 -1.31 0.00	25.38 -1.34 0.00	26.22 -1.25 0.00	23.73 -1.11 0.00	20.20 -1.02 0.00	23.36 -1.36 0.00	30.71 -1.69 0.00	45.16 -2.10 0.00	52.42 -1.88 0.00	43.55 -1.70 -0.79	34.85 -1.64 0.00	39.62 -1.62 -8.97	46.76 -1.65 -15.46
ALTAMONT_115KV_TB 2 55880	40.28 0.73 0.00	36.53 0.65 0.00	36.82 0.64 0.00	34.80 0.65 0.00	32.88 0.60 0.00	30.27 0.57 0.00	42.17 0.96 0.00	77.88 1.74 0.00	57.27 1.17 0.00	34.86 0.67 0.00	33.88 0.60 0.00	29.04 0.42 0.00	27.13 0.42 0.00	27.86 0.39 0.00	25.26 0.42 0.00	21.60 0.38 0.00	25.25 0.53 0.00	33.17 0.77 0.00	48.41 1.14 0.00	55.62 1.32 0.00	45.62 1.17 0.00	37.46 0.97 0.00	33.13 0.86 0.00	33.81 0.86 0.00
ALTONA_WT_PWR 323606	40.70 1.15 0.00	37.49 1.62 0.00	37.80 1.62 0.00	35.80 1.64 0.00	33.78 1.50 0.00	30.72 1.03 0.00	42.04 0.82 0.00	78.27 2.12 0.00	58.53 2.43 0.00	35.86 1.67 0.00	34.97 1.69 0.00	30.37 1.75 0.00	28.33 1.62 0.00	29.09 1.62 0.00	26.19 1.34 0.00	22.31 1.09 0.00	25.97 1.25 0.00	33.77 1.37 0.00	49.22 1.95 0.00	56.56 2.26 0.00	46.27 1.81 0.00	37.93 1.44 0.00	33.28 1.01 0.00	33.60 0.66 0.00
AMERICAN_REF_FUEL 24010	37.02 -2.54 0.00	33.59 -2.29 0.00	33.95 -2.23 0.00	31.64 -2.51 0.00	29.95 -2.32 0.00	27.46 -2.23 0.00	37.35 -3.86 0.00	68.30 -7.84 0.00	50.20 -5.90 0.00	30.90 -3.28 0.00	30.34 -2.94 0.00	26.18 -2.44 0.00	24.34 -2.37 0.00	25.30 -2.17 0.00	23.07 -1.78 0.00	19.61 -1.61 0.00	22.61 -2.11 0.00	29.39 -3.00 0.00	42.51 -4.76 0.00	48.06 -6.25 0.00	39.13 -5.15 0.18	32.26 -4.23 0.00	26.30 -3.95 2.03	25.09 -3.82 4.04
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.89 -0.67 0.00	35.15 -0.72 0.00	35.64 -0.54 0.00	33.10 -1.06 0.00	30.86 -1.42 0.00	28.19 -1.51 0.00	39.34 -1.88 0.00	73.19 -2.96 0.00	53.45 -2.65 0.00	32.79 -1.39 0.00	32.07 -1.22 0.00	27.78 -0.85 0.00	25.93 -0.79 0.00	26.86 -0.61 0.00	24.33 -0.52 0.00	20.81 -0.42 0.00	23.91 -0.80 0.00	31.00 -1.39 0.00	45.05 -2.22 0.00	50.77 -3.53 0.00	40.53 -3.85 0.08	32.86 -3.64 0.00	27.78 -3.60 0.89	27.22 -3.64 2.09
ARTHUR KILL_GT_1 23520	56.07 1.83 -14.67	55.53 1.64 -18.01	54.95 1.63 -17.14	54.96 1.48 -19.32	54.94 1.33 -21.33	55.15 1.29 -24.17	56.26 2.07 -12.97	81.58 4.06 -1.37	66.70 3.14 -7.45	57.10 2.12 -20.79	56.77 2.02 -21.47	53.15 1.48 -23.05	52.92 1.39 -24.82	52.90 1.38 -24.06	52.90 1.42 -26.63	53.13 1.28 -30.63	58.19 1.60 -31.88	58.92 1.92 -24.60	59.67 2.48 -9.93	102.12 2.85 -44.96	106.45 2.53 -59.46	62.29 2.02 -23.78	56.55 1.74 -22.54	54.13 1.70 -19.48
ARTHUR_KILL_2 23512	55.96 1.72 -14.67	55.44 1.55 -18.01	54.86 1.54 -17.14	54.86 1.38 -19.32	54.86 1.25 -21.33	55.06 1.21 -24.17	56.14 1.95 -12.97	81.36 3.84 -1.37	66.52 2.97 -7.45	57.01 2.03 -20.79	56.68 1.92 -21.47	53.08 1.41 -23.05	52.87 1.34 -24.82	52.85 1.32 -24.06	52.85 1.37 -26.63	53.08 1.23 -30.63	58.14 1.54 -31.88	58.83 1.84 -24.60	59.55 2.36 -9.93	101.96 2.69 -44.96	106.32 2.40 -59.46	62.18 1.91 -23.78	56.45 1.64 -22.54	54.04 1.61 -19.48
ARTHUR_KILL_3 23513	55.98 1.29 -15.13	55.86 1.13 -18.85	55.38 1.12 -18.09	55.39 0.95 -20.28	55.66 0.86 -22.51	55.54 0.89 -24.96	56.38 1.56 -13.61	79.54 3.39 0.00	63.89 2.59 -5.20	56.81 1.73 -20.89	57.59 1.63 -22.67	53.97 1.21 -24.13	53.43 1.17 -25.54	53.11 1.15 -24.50	52.71 1.23 -26.64	52.97 1.11 -30.63	58.62 1.32 -32.59	59.60 1.55 -25.66	59.24 2.05 -9.93	101.68 2.41 -44.96	106.06 2.14 -59.46	61.88 1.62 -23.77	56.19 1.38 -22.54	53.77 1.34 -19.48

ARTHUR_KILL_COGEN 323718	56.07 1.83 -14.67	55.53 1.64 -18.01	54.95 1.63 -17.14	54.96 1.48 -19.32	54.94 1.33 -21.33	55.15 1.29 -24.17	56.26 2.07 -12.97	81.58 4.06 -1.37	66.70 3.14 -7.45	57.10 2.12 -20.79	56.77 2.02 -21.47	53.15 1.48 -23.05	52.92 1.39 -24.82	52.90 1.38 -24.06	52.90 1.42 -26.63	53.13 1.28 -30.63	58.19 1.60 -31.88	58.92 1.92 -24.60	59.67 2.48 -9.93	102.12 2.85 -44.96	106.45 2.53 -59.46	62.29 2.02 -23.78	56.55 1.74 -22.54	54.13 1.70 -19.48
ASHOKAN____ 23654	41.42 1.87 0.00	37.54 1.67 0.00	37.85 1.67 0.00	35.75 1.60 0.00	33.82 1.54 0.00	31.19 1.50 0.00	43.97 2.76 0.00	81.82 5.67 0.00	60.02 3.92 0.00	36.23 2.04 0.00	34.83 1.54 0.00	29.65 1.03 0.00	27.63 0.92 0.00	28.37 0.90 0.00	25.81 0.97 0.00	22.11 0.89 0.00	25.82 1.10 0.00	34.08 1.68 0.00	49.94 2.67 0.00	57.60 3.30 0.00	47.29 2.83 0.00	38.72 2.23 0.00	34.19 1.91 0.00	34.79 1.84 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.79 1.23 -0.01	36.96 1.08 -0.01	37.29 1.10 -0.01	35.14 0.97 -0.01	33.12 0.84 -0.01	30.49 0.79 -0.01	42.71 1.50 0.00	79.43 3.29 0.00	59.53 2.55 -0.87	36.19 1.79 -0.21	34.97 1.69 0.00	29.90 1.29 0.01	27.93 1.22 0.00	28.66 1.19 0.00	26.10 1.25 0.00	22.36 1.13 -0.01	26.07 1.36 0.01	33.98 1.59 0.00	49.30 2.03 0.00	56.76 2.45 0.00	46.63 2.17 0.00	38.22 1.73 0.00	33.72 1.45 0.00	34.34 1.39 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.79 1.23 -0.01	36.96 1.07 -0.01	37.28 1.10 -0.01	35.14 0.97 -0.01	33.12 0.84 -0.01	30.49 0.79 -0.01	42.71 1.50 0.00	79.43 3.29 0.00	59.53 2.55 -0.87	36.19 1.79 -0.21	34.97 1.69 0.00	29.90 1.29 0.01	27.93 1.22 0.00	28.66 1.19 0.00	26.10 1.25 0.00	22.36 1.13 -0.01	26.07 1.36 0.01	33.98 1.59 0.00	49.30 2.03 0.00	56.76 2.45 0.00	46.63 2.17 0.00	38.22 1.73 0.00	33.72 1.45 0.00	34.34 1.39 0.00
ASTORIA_GT2_1 24094	40.81 1.25 -0.01	36.97 1.09 -0.01	37.30 1.12 -0.01	35.15 0.98 -0.01	33.14 0.86 -0.01	30.51 0.82 -0.01	42.74 1.53 0.00	79.48 3.34 0.00	59.56 2.59 -0.87	36.21 1.81 -0.21	35.02 1.74 0.00	29.92 1.30 0.00	27.95 1.23 0.00	28.67 1.20 0.00	26.11 1.26 -0.01	22.38 1.14 -0.02	26.09 1.37 0.00	34.01 1.61 0.00	49.31 2.05 0.00	56.77 2.46 0.00	46.64 2.18 0.00	38.23 1.74 0.00	33.73 1.46 0.00	34.36 1.42 0.00
ASTORIA_GT2_2 24095	40.81 1.25 -0.01	36.97 1.09 -0.01	37.30 1.12 -0.01	35.15 0.98 -0.01	33.14 0.86 -0.01	30.51 0.82 -0.01	42.74 1.53 0.00	79.48 3.34 0.00	59.56 2.59 -0.87	36.21 1.81 -0.21	35.02 1.74 0.00	29.92 1.30 0.00	27.95 1.23 0.00	28.67 1.20 0.00	26.11 1.26 -0.01	22.38 1.14 -0.02	26.09 1.37 0.00	34.01 1.61 0.00	49.31 2.05 0.00	56.77 2.46 0.00	46.64 2.18 0.00	38.23 1.74 0.00	33.73 1.46 0.00	34.36 1.42 0.00
ASTORIA_GT2_3 24096	40.81 1.25 -0.01	36.97 1.09 -0.01	37.30 1.12 -0.01	35.15 0.98 -0.01	33.14 0.86 -0.01	30.51 0.82 -0.01	42.74 1.53 0.00	79.48 3.34 0.00	59.56 2.59 -0.87	36.21 1.81 -0.21	35.02 1.74 0.00	29.92 1.30 0.00	27.95 1.23 0.00	28.67 1.20 0.00	26.11 1.26 -0.01	22.38 1.14 -0.02	26.09 1.37 0.00	34.01 1.61 0.00	49.31 2.05 0.00	56.77 2.46 0.00	46.64 2.18 0.00	38.23 1.74 0.00	33.73 1.46 0.00	34.36 1.42 0.00
ASTORIA_GT2_4 24097	40.81 1.25 -0.01	36.97 1.09 -0.01	37.30 1.12 -0.01	35.15 0.98 -0.01	33.14 0.86 -0.01	30.51 0.82 -0.01	42.74 1.53 0.00	79.48 3.34 0.00	59.56 2.59 -0.87	36.21 1.81 -0.21	35.02 1.74 0.00	29.92 1.30 0.00	27.95 1.23 0.00	28.67 1.20 0.00	26.11 1.26 -0.01	22.38 1.14 -0.02	26.09 1.37 0.00	34.01 1.61 0.00	49.31 2.05 0.00	56.77 2.46 0.00	46.64 2.18 0.00	38.23 1.74 0.00	33.73 1.46 0.00	34.36 1.42 0.00
ASTORIA_GT3_1 24098	40.81 1.25 -0.01	36.97 1.09 -0.01	37.30 1.12 -0.01	35.15 0.98 -0.01	33.14 0.86 -0.01	30.51 0.82 -0.01	42.74 1.53 0.00	79.48 3.34 0.00	59.56 2.59 -0.87	36.21 1.81 -0.21	35.02 1.74 0.00	29.92 1.30 0.00	27.95 1.23 0.00	28.67 1.20 0.00	26.11 1.26 -0.01	22.38 1.14 -0.02	26.09 1.37 0.00	34.01 1.61 0.00	49.31 2.05 0.00	56.77 2.46 0.00	46.64 2.18 0.00	38.23 1.74 0.00	33.73 1.46 0.00	34.36 1.42 0.00
ASTORIA_GT3_2 24099	40.81 1.25 -0.01	36.97 1.09 -0.01	37.30 1.12 -0.01	35.15 0.98 -0.01	33.14 0.86 -0.01	30.51 0.82 -0.01	42.74 1.53 0.00	79.48 3.34 0.00	59.56 2.59 -0.87	36.21 1.81 -0.21	35.02 1.74 0.00	29.92 1.30 0.00	27.95 1.23 0.00	28.67 1.20 0.00	26.11 1.26 -0.01	22.38 1.14 -0.02	26.09 1.37 0.00	34.01 1.61 0.00	49.31 2.05 0.00	56.77 2.46 0.00	46.64 2.18 0.00	38.23 1.74 0.00	33.73 1.46 0.00	34.36 1.42 0.00
ASTORIA_GT3_3 24100	40.81 1.25 -0.01	36.97 1.09 -0.01	37.30 1.12 -0.01	35.15 0.98 -0.01	33.14 0.86 -0.01	30.51 0.82 -0.01	42.74 1.53 0.00	79.48 3.34 0.00	59.56 2.59 -0.87	36.21 1.81 -0.21	35.02 1.74 0.00	29.92 1.30 0.00	27.95 1.23 0.00	28.67 1.20 0.00	26.11 1.26 -0.01	22.38 1.14 -0.02	26.09 1.37 0.00	34.01 1.61 0.00	49.31 2.05 0.00	56.77 2.46 0.00	46.64 2.18 0.00	38.23 1.74 0.00	33.73 1.46 0.00	34.36 1.42 0.00
ASTORIA_GT3_4 24101	40.81 1.25 -0.01	36.97 1.09 -0.01	37.30 1.12 -0.01	35.15 0.98 -0.01	33.14 0.86 -0.01	30.51 0.82 -0.01	42.74 1.53 0.00	79.48 3.34 0.00	59.56 2.59 -0.87	36.21 1.81 -0.21	35.02 1.74 0.00	29.92 1.30 0.00	27.95 1.23 0.00	28.67 1.20 0.00	26.11 1.26 -0.01	22.38 1.14 -0.02	26.09 1.37 0.00	34.01 1.61 0.00	49.31 2.05 0.00	56.77 2.46 0.00	46.64 2.18 0.00	38.23 1.74 0.00	33.73 1.46 0.00	34.36 1.42 0.00
ASTORIA_GT4_1 24102	40.81 1.25 -0.01	36.97 1.09 -0.01	37.30 1.12 -0.01	35.15 0.98 -0.01	33.14 0.86 -0.01	30.51 0.82 -0.01	42.74 1.53 0.00	79.48 3.34 0.00	59.56 2.59 -0.87	36.21 1.81 -0.21	35.02 1.74 0.00	29.92 1.30 0.00	27.95 1.23 0.00	28.67 1.20 0.00	26.11 1.26 -0.01	22.38 1.14 -0.02	26.09 1.37 0.00	34.01 1.61 0.00	49.31 2.05 0.00	56.77 2.46 0.00	46.64 2.18 0.00	38.23 1.74 0.00	33.73 1.46 0.00	34.36 1.42 0.00
ASTORIA_GT4_2 24103	40.81 1.25 -0.01	36.97 1.09 -0.01	37.30 1.12 -0.01	35.15 0.98 -0.01	33.14 0.86 -0.01	30.51 0.82 -0.01	42.74 1.53 0.00	79.48 3.34 0.00	59.56 2.59 -0.87	36.21 1.81 -0.21	35.02 1.74 0.00	29.92 1.30 0.00	27.95 1.23 0.00	28.67 1.20 0.00	26.11 1.26 -0.01	22.38 1.14 -0.02	26.09 1.37 0.00	34.01 1.61 0.00	49.31 2.05 0.00	56.77 2.46 0.00	46.64 2.18 0.00	38.23 1.74 0.00	33.73 1.46 0.00	34.36 1.42 0.00
ASTORIA_GT4_3 24104	40.81 1.25 -0.01	36.97 1.09 -0.01	37.30 1.12 -0.01	35.15 0.98 -0.01	33.14 0.86 -0.01	30.51 0.82 -0.01	42.74 1.53 0.00	79.48 3.34 0.00	59.56 2.59 -0.87	36.21 1.81 -0.21	35.02 1.74 0.00	29.92 1.30 0.00	27.95 1.23 0.00	28.67 1.20 0.00	26.11 1.26 -0.01	22.38 1.14 -0.02	26.09 1.37 0.00	34.01 1.61 0.00	49.31 2.05 0.00	56.77 2.46 0.00	46.64 2.18 0.00	38.23 1.74 0.00	33.73 1.46 0.00	34.36 1.42 0.00

ASTORIA_GT4_4 24105	40.81 1.25 -0.01	36.97 1.09 -0.01	37.30 1.12 -0.01	35.15 0.98 -0.01	33.14 0.86 -0.01	30.51 0.82 -0.01	42.74 1.53 0.00	79.48 3.34 0.00	59.56 2.59 -0.87	36.21 1.81 -0.21	35.02 1.74 0.00	29.92 1.30 0.00	27.95 1.23 0.00	28.67 1.20 0.00	26.11 1.26 -0.01	22.38 1.14 -0.02	26.09 1.37 0.00	34.01 1.61 0.00	49.31 2.05 0.00	56.77 2.46 0.00	46.64 2.18 0.00	38.23 1.74 0.00	33.73 1.46 0.00	34.36 1.42 0.00
ASTORIA_GT_1 23523	40.87 1.31 -0.01	37.02 1.14 -0.01	37.35 1.16 -0.01	35.20 1.03 -0.01	33.18 0.89 -0.01	30.54 0.85 -0.01	42.80 1.59 0.00	79.61 3.46 0.00	59.66 2.68 -0.87	36.27 1.87 -0.21	35.05 1.77 0.00	29.96 1.34 0.01	27.98 1.27 0.00	28.71 1.25 0.00	26.15 1.30 0.00	22.40 1.17 -0.01	26.12 1.41 0.01	34.05 1.66 0.00	49.40 2.13 0.00	56.87 2.57 0.00	46.73 2.27 0.00	38.30 1.80 0.00	33.79 1.51 0.00	34.40 1.45 0.00
ASTORIA_GT_10 24110	41.16 1.60 -0.01	37.32 1.44 -0.01	37.60 1.41 -0.01	35.42 1.26 -0.01	33.43 1.14 -0.01	31.35 1.13 -0.53	43.06 1.85 0.00	80.01 3.86 0.00	60.10 2.93 -1.06	36.40 1.96 -0.26	35.19 1.90 0.00	30.04 1.42 0.00	28.07 1.35 0.00	28.80 1.33 0.00	26.22 1.37 -0.01	22.47 1.23 -0.02	26.21 1.49 0.00	34.18 1.78 0.00	49.52 2.26 0.00	56.96 2.65 0.00	46.76 2.31 0.00	38.32 1.83 0.00	33.86 1.59 0.00	34.48 1.54 0.00
ASTORIA_GT_11 24225	41.16 1.60 -0.01	37.32 1.44 -0.01	37.60 1.41 -0.01	35.42 1.26 -0.01	33.43 1.14 -0.01	31.35 1.13 -0.53	43.06 1.85 0.00	80.01 3.86 0.00	60.10 2.93 -1.06	36.40 1.96 -0.26	35.19 1.90 0.00	30.04 1.42 0.00	28.07 1.35 0.00	28.80 1.33 0.00	26.22 1.37 -0.01	22.47 1.23 -0.02	26.21 1.49 0.00	34.18 1.78 0.00	49.52 2.26 0.00	56.96 2.65 0.00	46.76 2.31 0.00	38.32 1.83 0.00	33.86 1.59 0.00	34.48 1.54 0.00
ASTORIA_GT_12 24226	41.16 1.60 -0.01	37.32 1.44 -0.01	37.60 1.41 -0.01	35.42 1.26 -0.01	33.43 1.14 -0.01	31.35 1.13 -0.53	43.06 1.85 0.00	80.01 3.86 0.00	60.10 2.93 -1.06	36.40 1.96 -0.26	35.19 1.90 0.00	30.04 1.42 0.00	28.07 1.35 0.00	28.80 1.33 0.00	26.22 1.37 -0.01	22.47 1.23 -0.02	26.21 1.49 0.00	34.18 1.78 0.00	49.52 2.26 0.00	56.96 2.65 0.00	46.76 2.31 0.00	38.32 1.83 0.00	33.86 1.59 0.00	34.48 1.54 0.00
ASTORIA_GT_13 24227	41.16 1.60 -0.01	37.32 1.44 -0.01	37.60 1.41 -0.01	35.42 1.26 -0.01	33.43 1.14 -0.01	31.35 1.13 -0.53	43.06 1.85 0.00	80.01 3.86 0.00	60.10 2.93 -1.06	36.40 1.96 -0.26	35.19 1.90 0.00	30.04 1.42 0.00	28.07 1.35 0.00	28.80 1.33 0.00	26.22 1.37 -0.01	22.47 1.23 -0.02	26.21 1.49 0.00	34.18 1.78 0.00	49.52 2.26 0.00	56.96 2.65 0.00	46.76 2.31 0.00	38.32 1.83 0.00	33.86 1.59 0.00	34.48 1.54 0.00
ASTORIA_GT_5 24106	40.87 1.30 -0.01	37.02 1.14 -0.01	37.35 1.16 -0.01	35.19 1.02 -0.01	33.18 0.89 -0.01	30.55 0.86 -0.01	42.81 1.59 0.00	79.61 3.46 0.00	59.67 2.69 -0.87	36.26 1.87 -0.21	35.07 1.78 0.00	29.97 1.34 0.00	27.99 1.27 0.00	28.72 1.25 0.00	26.15 1.30 -0.01	22.41 1.18 -0.02	26.13 1.41 0.00	34.06 1.66 0.00	49.40 2.14 0.00	56.87 2.56 0.00	46.72 2.26 0.00	38.29 1.80 0.00	33.78 1.51 0.00	34.41 1.46 0.00
ASTORIA_GT_7 24107	40.87 1.30 -0.01	37.02 1.14 -0.01	37.35 1.16 -0.01	35.19 1.02 -0.01	33.18 0.89 -0.01	30.55 0.86 -0.01	42.81 1.59 0.00	79.61 3.46 0.00	59.67 2.69 -0.87	36.26 1.87 -0.21	35.07 1.78 0.00	29.97 1.34 0.00	27.99 1.27 0.00	28.72 1.25 0.00	26.15 1.30 -0.01	22.41 1.18 -0.02	26.13 1.41 0.00	34.06 1.66 0.00	49.40 2.14 0.00	56.87 2.56 0.00	46.72 2.26 0.00	38.29 1.80 0.00	33.78 1.51 0.00	34.41 1.46 0.00
ASTORIA_GT_8 24108	40.87 1.30 -0.01	37.02 1.14 -0.01	37.35 1.16 -0.01	35.19 1.02 -0.01	33.18 0.89 -0.01	30.55 0.86 -0.01	42.81 1.59 0.00	79.61 3.46 0.00	59.67 2.69 -0.87	36.26 1.87 -0.21	35.07 1.78 0.00	29.97 1.34 0.00	27.99 1.27 0.00	28.72 1.25 0.00	26.15 1.30 -0.01	22.41 1.18 -0.02	26.13 1.41 0.00	34.06 1.66 0.00	49.40 2.14 0.00	56.87 2.56 0.00	46.72 2.26 0.00	38.29 1.80 0.00	33.78 1.51 0.00	34.41 1.46 0.00
ASTORIA___2 24149	40.81 1.25 -0.01	36.97 1.09 -0.01	37.31 1.12 -0.01	35.15 0.98 -0.01	33.14 0.86 -0.01	30.50 0.81 -0.01	42.74 1.53 0.00	79.48 3.34 0.00	59.55 2.58 -0.87	36.21 1.81 -0.21	35.00 1.72 0.00	29.91 1.30 0.01	27.95 1.24 0.00	28.66 1.20 0.00	26.11 1.26 0.00	22.37 1.14 -0.01	26.08 1.37 0.01	34.00 1.61 0.00	49.32 2.05 0.00	56.77 2.46 0.00	46.65 2.19 0.00	38.23 1.74 0.00	33.73 1.46 0.00	34.35 1.41 0.00
ASTORIA___3 23516	41.16 1.60 -0.01	37.32 1.43 -0.01	37.60 1.41 -0.01	35.42 1.26 -0.01	33.43 1.14 -0.01	31.35 1.13 -0.53	43.06 1.85 0.00	80.00 3.85 0.00	60.09 2.93 -1.06	36.40 1.96 -0.26	35.17 1.88 0.00	30.04 1.42 0.00	28.07 1.35 0.00	28.80 1.33 0.00	26.23 1.37 -0.01	22.47 1.23 -0.02	26.21 1.49 0.00	34.18 1.78 0.00	49.53 2.26 0.00	56.96 2.66 0.00	46.77 2.32 0.00	38.32 1.83 0.00	33.85 1.58 0.00	34.48 1.53 0.00
ASTORIA___4 23517	41.16 1.60 -0.01	37.32 1.44 -0.01	37.60 1.41 -0.01	35.42 1.26 -0.01	33.43 1.14 -0.01	31.35 1.13 -0.53	43.06 1.85 0.00	80.01 3.86 0.00	60.10 2.93 -1.06	36.40 1.96 -0.26	35.19 1.90 0.00	30.04 1.42 0.00	28.07 1.35 0.00	28.80 1.33 0.00	26.22 1.37 -0.01	22.47 1.23 -0.02	26.21 1.49 0.00	34.18 1.78 0.00	49.52 2.26 0.00	56.96 2.65 0.00	46.76 2.31 0.00	38.32 1.83 0.00	33.86 1.59 0.00	34.48 1.54 0.00
ASTORIA___5 23518	41.16 1.60 -0.01	37.32 1.43 -0.01	37.60 1.41 -0.01	35.42 1.26 -0.01	33.43 1.14 -0.01	31.35 1.13 -0.53	43.06 1.85 0.00	80.00 3.85 0.00	60.09 2.93 -1.06	36.40 1.96 -0.26	35.17 1.88 0.00	30.04 1.42 0.00	28.07 1.35 0.00	28.80 1.33 0.00	26.23 1.37 -0.01	22.47 1.23 -0.02	26.21 1.49 0.00	34.18 1.78 0.00	49.53 2.26 0.00	56.96 2.66 0.00	46.77 2.32 0.00	38.32 1.83 0.00	33.85 1.58 0.00	34.48 1.53 0.00
AST_ENERGY_2_CC3 323677	41.03 1.47 0.00	37.18 1.31 0.00	37.46 1.28 0.00	35.28 1.12 0.00	33.31 1.03 0.00	30.72 1.03 0.00	42.98 1.76 0.00	79.87 3.72 0.00	59.84 2.87 -0.87	36.28 1.88 -0.21	35.08 1.80 0.00	29.96 1.34 0.00	28.01 1.29 0.00	28.74 1.26 0.00	26.18 1.33 0.00	22.43 1.20 -0.01	26.13 1.42 0.00	34.11 1.71 0.00	49.52 2.26 0.00	56.93 2.63 0.00	46.77 2.32 0.00	38.28 1.79 0.00	33.80 1.52 0.00	34.44 1.49 0.00
AST_ENERGY_2_CC4 323678	41.03 1.47 0.00	37.18 1.31 0.00	37.46 1.28 0.00	35.28 1.12 0.00	33.31 1.03 0.00	30.72 1.03 0.00	42.98 1.76 0.00	79.87 3.72 0.00	59.84 2.87 -0.87	36.28 1.88 -0.21	35.08 1.80 0.00	29.96 1.34 0.00	28.01 1.29 0.00	28.74 1.26 0.00	26.18 1.33 0.00	22.43 1.20 -0.01	26.13 1.42 0.00	34.11 1.71 0.00	49.52 2.26 0.00	56.93 2.63 0.00	46.77 2.32 0.00	38.28 1.79 0.00	33.80 1.52 0.00	34.44 1.49 0.00

ATHENS_STG_1 23668	40.19 0.64 0.00	36.44 0.57 0.00	36.74 0.56 0.00	34.72 0.56 0.00	32.77 0.50 0.00	30.17 0.48 0.00	42.09 0.87 0.00	77.82 1.67 0.00	57.30 1.20 0.00	34.97 0.79 0.00	34.05 0.77 0.00	29.19 0.56 0.00	27.28 0.56 0.00	28.00 0.53 0.00	25.42 0.58 0.00	21.74 0.52 0.00	25.39 0.67 0.00	33.28 0.88 0.00	48.48 1.21 0.00	55.71 1.40 0.00	45.70 1.24 0.00	37.49 1.00 0.00	33.14 0.87 0.00	33.80 0.86 0.00
ATHENS_STG_2 23670	40.19 0.64 0.00	36.44 0.57 0.00	36.74 0.56 0.00	34.72 0.56 0.00	32.77 0.50 0.00	30.17 0.48 0.00	42.09 0.87 0.00	77.82 1.67 0.00	57.30 1.20 0.00	34.97 0.79 0.00	34.05 0.77 0.00	29.19 0.56 0.00	27.28 0.56 0.00	28.00 0.53 0.00	25.42 0.58 0.00	21.74 0.52 0.00	25.39 0.67 0.00	33.28 0.88 0.00	48.48 1.21 0.00	55.71 1.40 0.00	45.70 1.24 0.00	37.49 1.00 0.00	33.14 0.87 0.00	33.80 0.86 0.00
ATHENS_STG_3 23677	40.19 0.64 0.00	36.44 0.57 0.00	36.74 0.56 0.00	34.72 0.56 0.00	32.77 0.50 0.00	30.17 0.48 0.00	42.09 0.87 0.00	77.82 1.67 0.00	57.30 1.20 0.00	34.97 0.79 0.00	34.05 0.77 0.00	29.19 0.56 0.00	27.28 0.56 0.00	28.00 0.53 0.00	25.42 0.58 0.00	21.74 0.52 0.00	25.39 0.67 0.00	33.28 0.88 0.00	48.48 1.21 0.00	55.71 1.40 0.00	45.70 1.24 0.00	37.49 1.00 0.00	33.14 0.87 0.00	33.80 0.86 0.00
AUBURN___LFGE 323710	39.17 -0.39 0.00	35.48 -0.40 0.00	35.81 -0.37 0.00	33.78 -0.38 0.00	31.96 -0.31 0.00	29.42 -0.28 0.00	40.82 -0.39 0.00	75.43 -0.72 0.00	55.25 -0.86 0.00	33.42 -0.76 0.00	32.33 -0.96 0.00	27.84 -0.79 0.00	25.99 -0.72 0.00	26.75 -0.72 0.00	24.20 -0.64 0.00	20.61 -0.61 0.00	23.94 -0.78 0.00	31.56 -0.84 0.00	46.37 -0.90 0.00	53.21 -1.10 0.00	43.49 -0.96 0.00	35.58 -0.92 0.00	31.44 -0.84 0.00	32.28 -0.82 -0.15
BABYLON_RES_REC 323704	40.92 1.36 0.00	36.93 1.06 0.00	37.24 1.06 0.00	35.14 0.98 0.00	33.18 0.90 0.00	30.76 1.07 0.00	43.22 2.00 0.00	79.89 3.75 0.00	58.98 2.83 -0.04	36.01 1.81 -0.01	35.22 1.94 0.00	29.91 1.29 0.00	27.81 1.09 0.00	28.39 0.92 0.00	25.98 1.14 0.00	22.23 1.01 0.00	26.06 1.34 0.00	34.34 1.95 0.00	49.90 2.63 0.00	57.47 3.17 0.00	47.14 2.68 0.00	38.73 2.24 0.00	34.01 1.74 0.00	34.50 1.55 0.00
BABYLON___69_KV_BK2 356345	41.30 1.74 0.00	37.22 1.35 0.00	37.54 1.36 0.00	35.42 1.26 0.00	33.44 1.17 0.00	31.04 1.35 0.00	43.63 2.42 0.00	80.66 4.51 0.00	59.49 3.35 -0.04	36.33 2.13 -0.01	35.53 2.25 0.00	30.17 1.54 0.00	28.02 1.31 0.00	28.59 1.12 0.00	26.19 1.34 0.00	22.41 1.19 0.00	26.29 1.57 0.00	34.66 2.26 0.00	50.36 3.09 0.00	58.02 3.72 0.00	47.59 3.14 0.00	39.12 2.63 0.00	34.31 2.04 0.00	34.77 1.82 0.00
BALL_HILL_WT_PWR 323825	38.56 -1.00 0.00	34.86 -1.01 0.00	35.33 -0.85 0.00	32.87 -1.29 0.00	30.87 -1.41 0.00	28.31 -1.39 0.00	39.27 -1.95 0.00	72.87 -3.28 0.00	53.37 -2.73 0.00	32.62 -1.57 0.00	31.79 -1.49 0.00	27.49 -1.14 0.00	25.64 -1.07 0.00	26.61 -0.86 0.00	24.12 -0.72 0.00	20.61 -0.62 0.00	23.73 -0.98 0.00	30.78 -1.61 0.00	44.72 -2.55 0.00	50.58 -3.72 0.00	40.80 -3.54 0.12	33.21 -3.29 0.00	27.82 -3.16 1.30	27.00 -3.16 2.79
BARON_WINDS___WT_PWR 323822	38.25 -1.31 0.00	34.63 -1.24 0.00	34.97 -1.21 0.00	32.66 -1.50 0.00	30.85 -1.43 0.00	28.47 -1.22 0.00	39.42 -1.79 0.00	73.07 -3.08 0.00	53.45 -2.66 0.00	32.37 -1.82 0.00	31.33 -1.95 0.00	27.01 -1.62 0.00	25.17 -1.54 0.00	25.99 -1.48 0.00	23.40 -1.45 0.00	19.91 -1.31 0.00	23.01 -1.71 0.00	30.08 -2.32 0.00	44.20 -3.07 0.00	50.25 -4.06 0.00	38.83 -3.79 1.84	33.09 -3.40 0.00	8.38 -3.12 20.78	-8.45 -3.23 38.16
BARRETT_IC_1 23704	40.88 1.32 0.00	36.92 1.05 0.00	37.18 1.00 0.00	35.07 0.92 0.00	33.11 0.83 0.00	30.64 0.95 0.00	42.90 1.68 0.00	79.32 3.18 0.00	58.61 2.47 -0.04	35.82 1.62 -0.01	35.03 1.75 0.00	29.87 1.25 0.00	27.82 1.11 0.00	28.47 1.00 0.00	26.01 1.16 0.00	22.26 1.04 0.00	26.00 1.29 0.00	34.09 1.69 0.00	49.35 2.08 0.00	56.82 2.51 0.00	46.71 2.25 0.00	38.38 1.89 0.00	33.79 1.52 0.00	34.34 1.39 0.00
BARRETT_IC_10 23701	40.88 1.32 0.00	36.92 1.05 0.00	37.18 1.00 0.00	35.07 0.92 0.00	33.11 0.83 0.00	30.64 0.95 0.00	42.90 1.68 0.00	79.32 3.18 0.00	58.61 2.47 -0.04	35.82 1.62 -0.01	35.03 1.75 0.00	29.87 1.25 0.00	27.82 1.11 0.00	28.47 1.00 0.00	26.01 1.16 0.00	22.26 1.04 0.00	26.00 1.29 0.00	34.09 1.69 0.00	49.35 2.08 0.00	56.82 2.51 0.00	46.71 2.25 0.00	38.38 1.89 0.00	33.79 1.52 0.00	34.34 1.39 0.00
BARRETT_IC_11 23702	40.88 1.32 0.00	36.92 1.05 0.00	37.18 1.00 0.00	35.07 0.92 0.00	33.11 0.83 0.00	30.64 0.95 0.00	42.90 1.68 0.00	79.32 3.18 0.00	58.61 2.47 -0.04	35.82 1.62 -0.01	35.03 1.75 0.00	29.87 1.25 0.00	27.82 1.11 0.00	28.47 1.00 0.00	26.01 1.16 0.00	22.26 1.04 0.00	26.00 1.29 0.00	34.09 1.69 0.00	49.35 2.08 0.00	56.82 2.51 0.00	46.71 2.25 0.00	38.38 1.89 0.00	33.79 1.52 0.00	34.34 1.39 0.00
BARRETT_IC_12 23703	40.88 1.32 0.00	36.92 1.05 0.00	37.18 1.00 0.00	35.07 0.92 0.00	33.11 0.83 0.00	30.64 0.95 0.00	42.90 1.68 0.00	79.32 3.18 0.00	58.61 2.47 -0.04	35.82 1.62 -0.01	35.03 1.75 0.00	29.87 1.25 0.00	27.82 1.11 0.00	28.47 1.00 0.00	26.01 1.16 0.00	22.26 1.04 0.00	26.00 1.29 0.00	34.09 1.69 0.00	49.35 2.08 0.00	56.82 2.51 0.00	46.71 2.25 0.00	38.38 1.89 0.00	33.79 1.52 0.00	34.34 1.39 0.00
BARRETT_IC_2 23705	40.88 1.32 0.00	36.92 1.05 0.00	37.18 1.00 0.00	35.07 0.92 0.00	33.11 0.83 0.00	30.64 0.95 0.00	42.90 1.68 0.00	79.32 3.18 0.00	58.61 2.47 -0.04	35.82 1.62 -0.01	35.03 1.75 0.00	29.87 1.25 0.00	27.82 1.11 0.00	28.47 1.00 0.00	26.01 1.16 0.00	22.26 1.04 0.00	26.00 1.29 0.00	34.09 1.69 0.00	49.35 2.08 0.00	56.82 2.51 0.00	46.71 2.25 0.00	38.38 1.89 0.00	33.79 1.52 0.00	34.34 1.39 0.00
BARRETT_IC_3 23706	40.88 1.32 0.00	36.92 1.05 0.00	37.18 1.00 0.00	35.07 0.92 0.00	33.11 0.83 0.00	30.64 0.95 0.00	42.90 1.68 0.00	79.32 3.18 0.00	58.61 2.47 -0.04	35.82 1.62 -0.01	35.03 1.75 0.00	29.87 1.25 0.00	27.82 1.11 0.00	28.47 1.00 0.00	26.01 1.16 0.00	22.26 1.04 0.00	26.00 1.29 0.00	34.09 1.69 0.00	49.35 2.08 0.00	56.82 2.51 0.00	46.71 2.25 0.00	38.38 1.89 0.00	33.79 1.52 0.00	34.34 1.39 0.00
BARRETT_IC_4 23707	40.88 1.32 0.00	36.92 1.05 0.00	37.18 1.00 0.00	35.07 0.92 0.00	33.11 0.83 0.00	30.64 0.95 0.00	42.90 1.68 0.00	79.32 3.18 0.00	58.61 2.47 -0.04	35.82 1.62 -0.01	35.03 1.75 0.00	29.87 1.25 0.00	27.82 1.11 0.00	28.47 1.00 0.00	26.01 1.16 0.00	22.26 1.04 0.00	26.00 1.29 0.00	34.09 1.69 0.00	49.35 2.08 0.00	56.82 2.51 0.00	46.71 2.25 0.00	38.38 1.89 0.00	33.79 1.52 0.00	34.34 1.39 0.00

BARRETT_IC_5 23708	40.88 1.32 0.00	36.92 1.05 0.00	37.18 1.00 0.00	35.07 0.92 0.00	33.11 0.83 0.00	30.64 0.95 0.00	42.90 1.68 0.00	79.32 3.18 0.00	58.61 2.47 -0.04	35.82 1.62 -0.01	35.03 1.75 0.00	29.87 1.25 0.00	27.82 1.11 0.00	28.47 1.00 0.00	26.01 1.16 0.00	22.26 1.04 0.00	26.00 1.29 0.00	34.09 1.69 0.00	49.35 2.08 0.00	56.82 2.51 0.00	46.71 2.25 0.00	38.38 1.89 0.00	33.79 1.52 0.00	34.34 1.39 0.00
BARRETT_IC_6 23709	40.88 1.32 0.00	36.92 1.05 0.00	37.18 1.00 0.00	35.07 0.92 0.00	33.11 0.83 0.00	30.64 0.95 0.00	42.90 1.68 0.00	79.32 3.18 0.00	58.61 2.47 -0.04	35.82 1.62 -0.01	35.03 1.75 0.00	29.87 1.25 0.00	27.82 1.11 0.00	28.47 1.00 0.00	26.01 1.16 0.00	22.26 1.04 0.00	26.00 1.29 0.00	34.09 1.69 0.00	49.35 2.08 0.00	56.82 2.51 0.00	46.71 2.25 0.00	38.38 1.89 0.00	33.79 1.52 0.00	34.34 1.39 0.00
BARRETT_IC_7 23710	40.88 1.32 0.00	36.92 1.05 0.00	37.18 1.00 0.00	35.07 0.92 0.00	33.11 0.83 0.00	30.64 0.95 0.00	42.90 1.69 0.00	79.35 3.20 0.00	58.61 2.47 -0.04	35.82 1.62 -0.01	35.04 1.76 0.00	29.87 1.25 0.00	27.82 1.11 0.00	28.47 1.00 0.00	26.01 1.16 0.00	22.27 1.04 0.00	26.00 1.29 0.00	34.09 1.69 0.00	49.35 2.08 0.00	56.82 2.52 0.00	46.70 2.24 0.00	38.38 1.89 0.00	33.80 1.52 0.00	34.34 1.40 0.00
BARRETT_IC_8 23711	40.88 1.32 0.00	36.92 1.05 0.00	37.18 1.00 0.00	35.07 0.92 0.00	33.11 0.83 0.00	30.64 0.95 0.00	42.90 1.68 0.00	79.32 3.18 0.00	58.61 2.47 -0.04	35.82 1.62 -0.01	35.03 1.75 0.00	29.87 1.25 0.00	27.82 1.11 0.00	28.47 1.00 0.00	26.01 1.16 0.00	22.26 1.04 0.00	26.00 1.29 0.00	34.09 1.69 0.00	49.35 2.08 0.00	56.82 2.51 0.00	46.71 2.25 0.00	38.38 1.89 0.00	33.79 1.52 0.00	34.34 1.39 0.00
BARRETT_IC_9 23700	40.88 1.32 0.00	36.92 1.05 0.00	37.18 1.00 0.00	35.07 0.92 0.00	33.11 0.83 0.00	30.64 0.95 0.00	42.90 1.68 0.00	79.32 3.18 0.00	58.61 2.47 -0.04	35.82 1.62 -0.01	35.03 1.75 0.00	29.87 1.25 0.00	27.82 1.11 0.00	28.47 1.00 0.00	26.01 1.16 0.00	22.26 1.04 0.00	26.00 1.29 0.00	34.09 1.69 0.00	49.35 2.08 0.00	56.82 2.51 0.00	46.71 2.25 0.00	38.38 1.89 0.00	33.79 1.52 0.00	34.34 1.39 0.00
BARRETT___1 23545	40.88 1.32 0.00	36.92 1.05 0.00	37.18 1.00 0.00	35.07 0.92 0.00	33.11 0.83 0.00	30.64 0.95 0.00	42.90 1.68 0.00	79.32 3.18 0.00	58.61 2.47 -0.01	35.82 1.62 -0.01	35.03 1.75 0.00	29.87 1.25 0.00	27.82 1.11 0.00	28.47 1.00 0.00	26.01 1.16 0.00	22.26 1.04 0.00	26.00 1.29 0.00	34.09 1.69 0.00	49.35 2.08 0.00	56.82 2.51 0.00	46.71 2.25 0.00	38.38 1.89 0.00	33.79 1.52 0.00	34.34 1.39 0.00
BARRETT___2 23546	40.88 1.32 0.00	36.92 1.05 0.00	37.18 1.00 0.00	35.07 0.92 0.00	33.11 0.83 0.00	30.64 0.95 0.00	42.90 1.68 0.00	79.32 3.18 0.00	58.61 2.47 -0.04	35.82 1.62 -0.01	35.03 1.75 0.00	29.87 1.25 0.00	27.82 1.11 0.00	28.47 1.00 0.00	26.01 1.16 0.00	22.26 1.04 0.00	26.00 1.29 0.00	34.09 1.69 0.00	49.35 2.08 0.00	56.82 2.51 0.00	46.71 2.25 0.00	38.38 1.89 0.00	33.79 1.52 0.00	34.34 1.39 0.00
BATAVIA___115KV_TB1 55881	38.63 -0.93 0.00	34.99 -0.89 0.00	35.33 -0.85 0.00	33.08 -1.08 0.00	31.33 -0.95 0.00	28.80 -0.89 0.00	39.56 -1.65 0.00	72.77 -3.37 0.00	53.32 -2.78 0.00	32.39 -1.80 0.00	31.52 -1.76 0.00	27.07 -1.56 0.00	25.15 -1.56 0.00	26.15 -1.32 0.00	23.69 -1.15 0.00	20.15 -1.08 0.00	23.46 -1.26 0.00	30.57 -1.83 0.00	44.64 -2.62 0.00	50.83 -3.47 0.00	41.48 -2.84 0.14	34.02 -2.48 0.00	28.26 -2.41 1.61	27.39 -2.33 3.23
BAYONEEC___CTG1 323682	40.96 1.41 0.00	37.11 1.24 0.00	37.41 1.23 0.00	35.23 1.07 0.00	33.25 0.97 0.00	30.67 0.98 0.00	42.92 1.71 0.00	79.75 3.61 0.00	59.74 2.76 -0.87	36.24 1.84 -0.21	35.04 1.75 0.00	29.92 1.30 0.00	27.96 1.25 0.00	28.69 1.22 0.00	26.14 1.29 0.00	22.39 1.16 -0.01	26.10 1.38 0.00	34.05 1.66 0.00	49.45 2.18 0.00	56.86 2.55 0.00	46.72 2.26 0.00	38.22 1.73 0.00	33.75 1.48 0.00	34.39 1.44 0.00
BAYONEEC___CTG10 323750	40.96 1.41 0.00	37.11 1.24 0.00	37.41 1.23 0.00	35.23 1.07 0.00	33.25 0.97 0.00	30.67 0.98 0.00	42.92 1.71 0.00	79.75 3.61 0.00	59.74 2.76 -0.87	36.24 1.84 -0.21	35.04 1.75 0.00	29.92 1.30 0.00	27.96 1.25 0.00	28.69 1.22 0.00	26.14 1.29 0.00	22.39 1.16 -0.01	26.10 1.38 0.00	34.05 1.66 0.00	49.45 2.18 0.00	56.86 2.55 0.00	46.72 2.26 0.00	38.22 1.73 0.00	33.75 1.48 0.00	34.39 1.44 0.00
BAYONEEC___CTG2 323683	40.96 1.41 0.00	37.11 1.24 0.00	37.41 1.23 0.00	35.23 1.07 0.00	33.25 0.97 0.00	30.67 0.98 0.00	42.92 1.71 0.00	79.75 3.61 0.00	59.74 2.76 -0.87	36.24 1.84 -0.21	35.04 1.75 0.00	29.92 1.30 0.00	27.96 1.25 0.00	28.69 1.22 0.00	26.14 1.29 0.00	22.39 1.16 -0.01	26.10 1.38 0.00	34.05 1.66 0.00	49.45 2.18 0.00	56.86 2.55 0.00	46.72 2.26 0.00	38.22 1.73 0.00	33.75 1.48 0.00	34.39 1.44 0.00
BAYONEEC___CTG3 323684	40.96 1.41 0.00	37.11 1.24 0.00	37.41 1.23 0.00	35.23 1.07 0.00	33.25 0.97 0.00	30.67 0.98 0.00	42.92 1.71 0.00	79.75 3.61 0.00	59.74 2.76 -0.87	36.24 1.84 -0.21	35.04 1.75 0.00	29.92 1.30 0.00	27.96 1.25 0.00	28.69 1.22 0.00	26.14 1.29 0.00	22.39 1.16 -0.01	26.10 1.38 0.00	34.05 1.66 0.00	49.45 2.18 0.00	56.86 2.55 0.00	46.72 2.26 0.00	38.22 1.73 0.00	33.75 1.48 0.00	34.39 1.44 0.00
BAYONEEC___CTG4 323685	40.96 1.41 0.00	37.11 1.24 0.00	37.41 1.23 0.00	35.23 1.07 0.00	33.25 0.97 0.00	30.67 0.98 0.00	42.92 1.71 0.00	79.75 3.61 0.00	59.74 2.76 -0.87	36.24 1.84 -0.21	35.04 1.75 0.00	29.92 1.30 0.00	27.96 1.25 0.00	28.69 1.22 0.00	26.14 1.29 0.00	22.39 1.16 -0.01	26.10 1.38 0.00	34.05 1.66 0.00	49.45 2.18 0.00	56.86 2.55 0.00	46.72 2.26 0.00	38.22 1.73 0.00	33.75 1.48 0.00	34.39 1.44 0.00
BAYONEEC___CTG5 323686	40.96 1.41 0.00	37.11 1.24 0.00	37.41 1.23 0.00	35.23 1.07 0.00	33.25 0.97 0.00	30.67 0.98 0.00	42.92 1.71 0.00	79.75 3.61 0.00	59.74 2.76 -0.87	36.24 1.84 -0.21	35.04 1.75 0.00	29.92 1.30 0.00	27.96 1.25 0.00	28.69 1.22 0.00	26.14 1.29 0.00	22.39 1.16 -0.01	26.10 1.38 0.00	34.05 1.66 0.00	49.45 2.18 0.00	56.86 2.55 0.00	46.72 2.26 0.00	38.22 1.73 0.00	33.75 1.48 0.00	34.39 1.44 0.00
BAYONEEC___CTG6 323687	40.96 1.41 0.00	37.11 1.24 0.00	37.41 1.23 0.00	35.23 1.07 0.00	33.25 0.97 0.00	30.67 0.98 0.00	42.92 1.71 0.00	79.75 3.61 0.00	59.74 2.76 -0.87	36.24 1.84 -0.21	35.04 1.75 0.00	29.92 1.30 0.00	27.96 1.25 0.00	28.69 1.22 0.00	26.14 1.29 0.00	22.39 1.16 -0.01	26.10 1.38 0.00	34.05 1.66 0.00	49.45 2.18 0.00	56.86 2.55 0.00	46.72 2.26 0.00	38.22 1.73 0.00	33.75 1.48 0.00	34.39 1.44 0.00

BAYONEEC___CTG7 323688	40.96 1.41 0.00	37.11 1.24 0.00	37.41 1.23 0.00	35.23 1.07 0.00	33.25 0.97 0.00	30.67 0.98 0.00	42.92 1.71 0.00	79.75 3.61 0.00	59.74 2.76 -0.87	36.24 1.84 -0.21	35.04 1.75 0.00	29.92 1.30 0.00	27.96 1.25 0.00	28.69 1.22 0.00	26.14 1.29 0.00	22.39 1.16 -0.01	26.10 1.38 0.00	34.05 1.66 0.00	49.45 2.18 0.00	56.86 2.55 0.00	46.72 2.26 0.00	38.22 1.73 0.00	33.75 1.48 0.00	34.39 1.44 0.00
BAYONEEC___CTG8 323689	40.96 1.41 0.00	37.11 1.24 0.00	37.41 1.23 0.00	35.23 1.07 0.00	33.25 0.97 0.00	30.67 0.98 0.00	42.92 1.71 0.00	79.75 3.61 0.00	59.74 2.76 -0.87	36.24 1.84 -0.21	35.04 1.75 0.00	29.92 1.30 0.00	27.96 1.25 0.00	28.69 1.22 0.00	26.14 1.29 0.00	22.39 1.16 -0.01	26.10 1.38 0.00	34.05 1.66 0.00	49.45 2.18 0.00	56.86 2.55 0.00	46.72 2.26 0.00	38.22 1.73 0.00	33.75 1.48 0.00	34.39 1.44 0.00
BAYONEEC___CTG9 323749	40.96 1.41 0.00	37.11 1.24 0.00	37.41 1.23 0.00	35.23 1.07 0.00	33.25 0.97 0.00	30.67 0.98 0.00	42.92 1.71 0.00	79.75 3.61 0.00	59.74 2.76 -0.87	36.24 1.84 -0.21	35.04 1.75 0.00	29.92 1.30 0.00	27.96 1.25 0.00	28.69 1.22 0.00	26.14 1.29 0.00	22.39 1.16 -0.01	26.10 1.38 0.00	34.05 1.66 0.00	49.45 2.18 0.00	56.86 2.55 0.00	46.72 2.26 0.00	38.22 1.73 0.00	33.75 1.48 0.00	34.39 1.44 0.00
BEACON___LESR 323632	40.79 1.24 0.00	36.99 1.11 0.00	37.29 1.11 0.00	35.27 1.12 0.00	33.32 1.04 0.00	30.68 0.99 0.00	42.95 1.74 0.00	79.28 3.13 0.00	58.08 1.97 0.00	35.34 1.15 0.00	34.33 1.05 0.00	29.39 0.77 0.00	27.38 0.67 0.00	28.13 0.67 0.00	25.50 0.65 0.00	21.86 0.64 0.00	25.60 0.88 0.00	33.69 1.30 0.00	49.11 1.85 0.00	56.55 2.24 0.00	46.30 1.85 0.00	38.04 1.55 0.00	33.61 1.34 0.00	34.29 1.34 0.00
BEAVER RIVER___HYD 24048	39.53 -0.03 0.00	35.67 -0.21 0.00	36.04 -0.14 0.00	34.49 0.34 0.00	32.88 0.61 0.00	30.47 0.78 0.00	42.33 1.11 0.00	77.96 1.81 0.00	56.99 0.88 0.00	34.26 0.07 0.00	32.99 -0.29 0.00	28.31 -0.32 0.00	26.34 -0.37 0.00	27.05 -0.41 0.00	24.39 -0.45 0.00	20.74 -0.48 0.00	24.16 -0.56 0.00	32.17 -0.22 0.00	47.67 0.40 0.00	54.80 0.50 0.00	44.19 -0.27 0.00	35.97 -0.53 0.00	31.68 -0.60 0.00	32.15 -0.79 0.00
BEEBEE_GT_13 23619	38.22 -1.33 0.00	34.63 -1.24 0.00	34.96 -1.22 0.00	32.80 -1.35 0.00	31.05 -1.23 0.00	28.54 -1.15 0.00	39.34 -1.88 0.00	72.50 -3.65 0.00	53.19 -2.91 0.00	32.41 -1.78 0.00	31.66 -1.63 0.00	27.27 -1.35 0.00	25.36 -1.35 0.00	26.21 -1.26 0.00	23.81 -1.04 0.00	20.31 -0.92 0.00	23.46 -1.26 0.00	30.76 -1.64 0.00	44.80 -2.47 0.00	51.04 -3.26 0.00	41.76 -2.66 0.04	34.19 -2.30 0.00	29.74 -2.12 0.41	29.91 -2.04 0.99
BENSHRST_27_KV_BENSHRST_1 355998	56.34 2.11 -14.67	55.77 1.88 -18.01	55.18 1.86 -17.14	55.14 1.67 -19.32	55.14 1.53 -21.33	55.36 1.50 -24.17	56.59 2.40 -12.97	82.35 4.83 -1.37	67.23 3.67 -7.45	57.40 2.42 -20.79	57.08 2.32 -21.47	53.43 1.76 -23.05	53.20 1.67 -24.82	53.18 1.66 -24.06	53.14 1.67 -26.63	53.34 1.49 -30.63	58.41 1.82 -31.88	59.21 2.21 -24.60	60.10 2.91 -9.93	102.65 3.38 -44.96	106.84 2.92 -59.46	62.59 2.32 -23.78	56.81 2.00 -22.54	54.38 1.95 -19.48
BETHLEHEM___GRP 23843	40.50 0.94 0.00	36.72 0.85 0.00	37.02 0.84 0.00	34.99 0.83 0.00	33.05 0.77 0.00	30.44 0.75 0.00	42.42 1.21 0.00	78.31 2.16 0.00	57.58 1.48 0.00	35.08 0.89 0.00	34.08 0.81 0.00	29.21 0.59 0.00	27.27 0.56 0.00	27.99 0.52 0.00	25.40 0.55 0.00	21.74 0.52 0.00	25.43 0.71 0.00	33.39 1.00 0.00	48.69 1.42 0.00	55.93 1.63 0.00	45.88 1.43 0.00	37.69 1.20 0.00	33.35 1.08 0.00	34.02 1.08 0.00
BETHLEHEM___GS1 323560	40.50 0.94 0.00	36.72 0.85 0.00	37.02 0.84 0.00	34.99 0.83 0.00	33.05 0.77 0.00	30.44 0.75 0.00	42.42 1.21 0.00	78.31 2.16 0.00	57.58 1.48 0.00	35.08 0.89 0.00	34.09 0.81 0.00	29.21 0.59 0.00	27.27 0.56 0.00	27.99 0.52 0.00	25.39 0.55 0.00	21.74 0.52 0.00	25.42 0.71 0.00	33.39 1.00 0.00	48.69 1.42 0.00	55.93 1.63 0.00	45.90 1.44 0.00	37.69 1.20 0.00	33.35 1.07 0.00	34.02 1.07 0.00
BETHLEHEM___GS2 323561	40.50 0.94 0.00	36.72 0.85 0.00	37.02 0.84 0.00	34.99 0.83 0.00	33.05 0.77 0.00	30.44 0.75 0.00	42.42 1.21 0.00	78.31 2.16 0.00	57.58 1.48 0.00	35.08 0.89 0.00	34.09 0.81 0.00	29.21 0.59 0.00	27.27 0.56 0.00	27.99 0.52 0.00	25.39 0.55 0.00	21.74 0.52 0.00	25.42 0.71 0.00	33.39 1.00 0.00	48.69 1.42 0.00	55.93 1.63 0.00	45.90 1.44 0.00	37.69 1.20 0.00	33.35 1.07 0.00	34.02 1.07 0.00
BETHLEHEM___GS3 323562	40.50 0.94 0.00	36.72 0.85 0.00	37.02 0.84 0.00	34.99 0.83 0.00	33.05 0.77 0.00	30.44 0.75 0.00	42.42 1.21 0.00	78.31 2.16 0.00	57.58 1.48 0.00	35.08 0.89 0.00	34.09 0.81 0.00	29.21 0.59 0.00	27.27 0.56 0.00	27.99 0.52 0.00	25.39 0.55 0.00	21.74 0.52 0.00	25.42 0.71 0.00	33.39 1.00 0.00	48.69 1.42 0.00	55.93 1.63 0.00	45.90 1.44 0.00	37.69 1.20 0.00	33.35 1.07 0.00	34.02 1.07 0.00
BETHLEHEM___STEEL 23779	38.30 -1.26 0.00	34.70 -1.17 0.00	35.08 -1.10 0.00	32.73 -1.43 0.00	30.96 -1.33 0.00	28.37 -1.32 0.00	38.95 -2.27 0.00	71.56 -4.59 0.00	52.53 -3.57 0.00	32.27 -1.92 0.00	31.61 -1.67 0.00	27.26 -1.37 0.00	25.37 -1.34 0.00	26.33 -1.14 0.00	23.96 -0.88 0.00	20.39 -0.83 0.00	23.53 -1.19 0.00	30.64 -1.76 0.00	44.36 -2.91 0.00	50.13 -4.17 0.00	40.85 -3.46 0.14	33.49 -3.00 0.00	27.76 -2.90 1.62	26.81 -2.80 3.34
BETHLHEM_115KV_TB1 79974	40.44 0.89 0.00	36.67 0.80 0.00	36.97 0.79 0.00	34.94 0.79 0.00	33.01 0.73 0.00	30.39 0.70 0.00	42.36 1.14 0.00	78.19 2.04 0.00	57.51 1.41 0.00	35.03 0.85 0.00	34.05 0.77 0.00	29.18 0.56 0.00	27.25 0.54 0.00	27.97 0.51 0.00	25.37 0.53 0.00	21.72 0.49 0.00	25.39 0.67 0.00	33.35 0.95 0.00	48.62 1.35 0.00	55.84 1.54 0.00	45.82 1.36 0.00	37.63 1.14 0.00	33.29 1.02 0.00	33.97 1.03 0.00
BETHPAGE_CC_5 323564	40.86 1.31 0.00	36.92 1.05 0.00	37.21 1.03 0.00	35.11 0.95 0.00	33.15 0.87 0.00	30.71 1.02 0.00	43.11 1.89 0.00	79.72 3.58 0.00	58.88 2.74 -0.04	35.96 1.76 -0.01	35.14 1.86 0.00	29.91 1.29 0.00	27.83 1.12 0.00	28.44 0.97 0.00	26.01 1.16 0.00	22.27 1.04 0.00	26.07 1.35 0.00	34.30 1.90 0.00	49.78 2.52 0.00	57.35 3.05 0.00	47.04 2.59 0.00	38.63 2.14 0.00	33.95 1.68 0.00	34.45 1.50 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.47 -1.09 0.00	34.85 -1.03 0.00	35.22 -0.96 0.00	32.87 -1.29 0.00	31.09 -1.19 0.00	28.49 -1.19 0.00	39.14 -2.08 0.00	71.93 -4.21 0.00	52.82 -3.28 0.00	32.44 -1.75 0.00	31.76 -1.52 0.00	27.38 -1.24 0.00	25.49 -1.22 0.00	26.45 -1.02 0.00	24.06 -0.79 0.00	20.48 -0.75 0.00	23.63 -1.09 0.00	30.77 -1.63 0.00	44.55 -2.72 0.00	50.35 -3.96 0.00	41.05 -3.28 0.13	33.64 -2.85 0.00	28.00 -2.79 1.49	27.12 -2.70 3.12

BINGHAMTON___COGEN 23790	39.03 -0.53 0.00	35.33 -0.54 0.00	35.70 -0.48 0.00	33.62 -0.54 0.00	31.77 -0.50 0.00	29.27 -0.42 0.00	40.69 -0.52 0.00	75.36 -0.79 0.00	55.28 -0.83 0.00	33.61 -0.57 0.00	32.60 -0.68 0.00	28.05 -0.57 0.00	26.19 -0.52 0.00	26.98 -0.49 0.00	24.42 -0.43 0.00	20.88 -0.35 0.00	24.25 -0.47 0.00	31.73 -0.66 0.00	46.39 -0.88 0.00	53.07 -1.23 0.00	43.44 -1.02 0.00	35.52 -0.97 0.00	31.39 -0.88 0.00	31.80 -0.93 0.21
BIXINCNT_115KV_LOAD 355685	39.11 -0.45 0.00	35.36 -0.51 0.00	35.77 -0.41 0.00	33.36 -0.79 0.00	31.46 -0.82 0.00	28.77 -0.92 0.00	39.69 -1.53 0.00	73.17 -2.97 0.00	53.82 -2.29 0.00	33.03 -1.16 0.00	32.35 -0.93 0.00	27.89 -0.74 0.00	25.95 -0.77 0.00	26.87 -0.60 0.00	24.36 -0.49 0.00	20.70 -0.52 0.00	23.85 -0.87 0.00	31.00 -1.40 0.00	44.90 -2.37 0.00	50.47 -3.83 0.00	41.06 -3.34 0.06	33.53 -2.97 0.00	28.47 -3.10 0.71	27.97 -3.20 1.78
BLACK RIVER___HYD 24047	39.41 -0.15 0.00	35.52 -0.36 0.00	35.92 -0.26 0.00	34.44 0.28 0.00	32.96 0.68 0.00	30.56 0.87 0.00	42.45 1.24 0.00	78.13 1.98 0.00	56.83 0.73 0.00	33.96 -0.23 0.00	32.55 -0.73 0.00	27.87 -0.75 0.00	25.92 -0.79 0.00	26.63 -0.84 0.00	24.04 -0.81 0.00	20.46 -0.76 0.00	23.83 -0.89 0.00	31.88 -0.51 0.00	47.59 0.32 0.00	54.81 0.50 0.00	44.08 -0.37 0.00	35.77 -0.72 0.00	31.49 -0.78 0.00	31.97 -0.98 0.00
BLACKRVR_115KV_TB2 79977	39.41 -0.15 0.00	35.52 -0.36 0.00	35.92 -0.26 0.00	34.44 0.28 0.00	32.96 0.68 0.00	30.56 0.87 0.00	42.45 1.24 0.00	78.12 1.97 0.00	56.83 0.73 0.00	33.96 -0.23 0.00	32.55 -0.73 0.00	27.87 -0.76 0.00	25.92 -0.79 0.00	26.63 -0.84 0.00	24.04 -0.81 0.00	20.46 -0.76 0.00	23.83 -0.89 0.00	31.88 -0.51 0.00	47.59 0.32 0.00	54.81 0.50 0.00	44.08 -0.37 0.00	35.77 -0.72 0.00	31.49 -0.78 0.00	31.97 -0.98 0.00
BLISS_WT_PWR 323608	39.14 -0.42 0.00	35.41 -0.46 0.00	35.85 -0.33 0.00	33.36 -0.79 0.00	31.45 -0.83 0.00	28.75 -0.95 0.00	39.68 -1.54 0.00	73.13 -3.02 0.00	53.80 -2.30 0.00	33.04 -1.14 0.00	32.39 -0.90 0.00	27.92 -0.70 0.00	25.97 -0.74 0.00	26.89 -0.58 0.00	24.36 -0.48 0.00	20.69 -0.53 0.00	23.83 -0.89 0.00	30.99 -1.41 0.00	44.85 -2.42 0.00	50.31 -3.99 0.00	40.83 -3.56 0.06	33.36 -3.13 0.00	28.28 -3.28 0.71	27.75 -3.42 1.78
BLUESTONE___WT_PWR 323821	38.82 -0.74 0.00	35.48 -0.40 0.00	35.92 -0.26 0.00	34.09 -0.07 0.00	32.35 0.07 0.00	30.02 0.33 0.00	42.09 0.88 0.00	78.08 1.93 0.00	57.46 1.35 0.00	34.67 0.49 0.00	33.67 0.39 0.00	28.89 0.26 0.00	26.91 0.20 0.00	27.54 0.07 0.00	24.87 0.02 0.00	21.27 0.05 0.00	24.73 0.01 0.00	32.47 0.08 0.00	47.13 -0.13 0.00	53.06 -1.24 0.00	43.20 -1.25 0.00	35.17 -1.32 0.00	31.00 -1.28 0.00	31.73 -1.45 -0.23
BLUE_CIRC_CHEM_DRP 24182	40.58 1.02 0.00	36.79 0.92 0.00	37.10 0.92 0.00	35.07 0.91 0.00	33.14 0.86 0.00	30.51 0.82 0.00	42.52 1.31 0.00	78.43 2.28 0.00	57.51 1.40 0.00	34.89 0.70 0.00	33.87 0.59 0.00	29.04 0.42 0.00	27.14 0.43 0.00	27.93 0.46 0.00	25.25 0.41 0.00	21.59 0.37 0.00	25.27 0.55 0.00	33.30 0.91 0.00	48.68 1.41 0.00	55.94 1.64 0.00	45.86 1.41 0.00	37.68 1.19 0.00	33.34 1.06 0.00	34.02 1.07 0.00
BOC_GAS_DRP 24189	40.18 0.62 0.00	36.43 0.56 0.00	36.73 0.55 0.00	34.72 0.56 0.00	32.79 0.51 0.00	30.18 0.48 0.00	42.04 0.82 0.00	77.62 1.47 0.00	57.12 1.01 0.00	34.83 0.64 0.00	33.88 0.60 0.00	29.04 0.42 0.00	27.13 0.42 0.00	27.87 0.40 0.00	25.28 0.43 0.00	21.61 0.39 0.00	25.25 0.53 0.00	33.12 0.73 0.00	48.29 1.02 0.00	55.46 1.16 0.00	45.49 1.04 0.00	37.35 0.86 0.00	33.04 0.77 0.00	33.72 0.77 0.00
BOONVILLE_115KV_TB1 79983	40.04 0.48 0.00	36.17 0.29 0.00	36.51 0.33 0.00	34.71 0.55 0.00	32.95 0.67 0.00	30.47 0.78 0.00	42.43 1.22 0.00	78.35 2.20 0.00	57.36 1.26 0.00	34.65 0.46 0.00	33.52 0.24 0.00	28.75 0.13 0.00	26.78 0.06 0.00	27.49 0.03 0.00	24.85 0.00 0.00	21.18 -0.04 0.00	24.72 0.01 0.00	32.71 0.32 0.00	48.14 0.87 0.00	55.26 0.95 0.00	44.89 0.43 0.00	36.68 0.18 0.00	32.37 0.09 0.00	32.94 0.00 0.00
BORALEX_4TH_BRANCH 23824	40.81 1.25 0.00	36.99 1.12 0.00	37.27 1.09 0.00	35.26 1.11 0.00	33.32 1.04 0.00	30.74 1.05 0.00	42.93 1.72 0.00	79.09 2.94 0.00	58.08 1.98 0.00	35.33 1.14 0.00	34.23 0.95 0.00	29.31 0.68 0.00	27.33 0.61 0.00	27.98 0.51 0.00	25.37 0.52 0.00	21.79 0.57 0.00	25.62 0.91 0.00	33.69 1.30 0.00	49.05 1.78 0.00	56.33 2.02 0.00	46.35 1.90 0.00	38.22 1.73 0.00	33.81 1.53 0.00	34.53 1.58 0.00
BOWLINE___1 23526	40.43 0.87 0.00	36.63 0.75 0.00	36.92 0.74 0.00	34.78 0.62 0.00	32.84 0.56 0.00	30.29 0.59 0.00	42.34 1.13 0.00	78.67 2.52 0.00	57.96 1.86 0.00	35.39 1.20 0.00	34.40 1.12 0.00	29.40 0.78 0.00	27.46 0.74 0.00	28.19 0.72 0.00	25.67 0.82 0.00	21.98 0.76 0.00	25.66 0.95 0.00	33.55 1.15 0.00	48.84 1.57 0.00	56.19 1.89 0.00	46.08 1.63 0.00	37.70 1.21 0.00	33.31 1.04 0.00	33.96 1.01 0.00
BOWLINE___2 23595	40.43 0.88 0.00	36.63 0.75 0.00	36.92 0.74 0.00	34.78 0.63 0.00	32.84 0.56 0.00	30.29 0.59 0.00	42.35 1.13 0.00	78.67 2.52 0.00	57.96 1.86 0.00	35.39 1.20 0.00	34.40 1.12 0.00	29.40 0.78 0.00	27.46 0.74 0.00	28.19 0.72 0.00	25.67 0.83 0.00	21.98 0.76 0.00	25.66 0.95 0.00	33.55 1.15 0.00	48.84 1.57 0.00	56.19 1.89 0.00	46.08 1.63 0.00	37.70 1.21 0.00	33.31 1.04 0.00	33.96 1.01 0.00
BRADY___115KV_TB2 356060	40.97 1.41 0.00	37.19 1.32 0.00	37.52 1.34 0.00	35.36 1.20 0.00	33.43 1.15 0.00	30.70 1.01 0.00	42.56 1.34 0.00	78.66 2.51 0.00	58.14 2.03 0.00	35.22 1.03 0.00	34.26 0.97 0.00	29.55 0.93 0.00	27.55 0.83 0.00	28.37 0.90 0.00	25.45 0.60 0.00	21.67 0.44 0.00	25.20 0.48 0.00	33.07 0.68 0.00	48.54 1.27 0.00	56.28 1.98 0.00	46.05 1.60 0.00	37.86 1.36 0.00	33.30 1.03 0.00	33.86 0.92 0.00
BRANSCOMB___SOLAR 323811	41.00 1.44 0.00	37.14 1.27 0.00	37.45 1.27 0.00	35.42 1.27 0.00	33.48 1.20 0.00	30.90 1.20 0.00	43.21 1.99 0.00	79.74 3.59 0.00	58.36 2.26 0.00	35.25 1.06 0.00	34.23 0.95 0.00	29.37 0.75 0.00	27.38 0.67 0.00	28.08 0.61 0.00	25.42 0.58 0.00	21.82 0.59 0.00	25.63 0.92 0.00	33.85 1.45 0.00	49.57 2.30 0.00	56.95 2.64 0.00	46.76 2.31 0.00	38.43 1.94 0.00	33.97 1.69 0.00	34.65 1.71 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	41.18 1.63 0.00	37.08 1.21 0.00	37.41 1.23 0.00	35.31 1.16 0.00	33.37 1.10 0.00	30.98 1.28 0.00	43.52 2.30 0.00	80.30 4.15 0.00	59.23 3.09 -0.04	36.18 1.99 -0.01	35.42 2.13 0.00	30.11 1.48 0.00	27.96 1.25 0.00	28.55 1.08 0.00	26.17 1.32 0.00	22.36 1.14 0.00	26.25 1.53 0.00	34.55 2.16 0.00	50.19 2.92 0.00	57.77 3.46 0.00	47.40 2.95 0.00	38.95 2.46 0.00	34.17 1.90 0.00	34.64 1.69 0.00

BRISTLHL_115KV_TB1 79998	38.23 -1.33 0.00	34.64 -1.23 0.00	34.97 -1.21 0.00	33.02 -1.14 0.00	31.23 -1.06 0.00	28.73 -0.97 0.00	39.72 -1.50 0.00	73.36 -2.79 0.00	53.82 -2.28 0.00	32.71 -1.48 0.00	31.80 -1.48 0.00	27.41 -1.22 0.00	25.54 -1.17 0.00	26.28 -1.19 0.00	23.80 -1.05 0.00	20.33 -0.89 0.00	23.62 -1.10 0.00	30.98 -1.42 0.00	45.34 -1.93 0.00	51.99 -2.31 0.00	42.54 -1.92 0.00	34.87 -1.62 0.00	30.96 -1.31 0.00	31.69 -1.26 0.00
BROOKHAVEN___DRP 24191	40.02 0.46 0.00	36.10 0.22 0.00	36.39 0.21 0.00	34.47 0.31 0.00	32.51 0.24 0.00	30.37 0.68 0.00	42.83 1.61 0.00	78.75 2.60 0.00	58.11 1.97 -0.04	35.37 1.18 -0.01	34.72 1.44 0.00	29.58 0.95 0.00	27.46 0.75 0.00	27.95 0.48 0.00	25.74 0.89 0.00	21.92 0.70 0.00	25.76 1.05 0.00	34.04 1.64 0.00	49.20 1.94 0.00	56.68 2.37 0.00	46.44 1.99 0.00	38.48 1.98 0.00	33.73 1.46 0.00	34.11 1.17 0.00
BROOKLYN_NAVY_YARD 23515	41.01 1.45 0.00	37.17 1.30 0.00	37.44 1.26 0.00	35.27 1.11 0.00	33.28 1.00 0.00	30.68 0.99 0.00	42.93 1.71 0.00	79.77 3.62 0.00	59.74 2.77 -0.87	36.21 1.81 -0.21	35.02 1.73 0.00	29.91 1.29 0.00	27.97 1.26 0.00	28.71 1.24 0.00	26.15 1.29 0.00	22.40 1.17 -0.01	26.09 1.38 0.00	34.04 1.64 0.00	49.44 2.18 0.00	56.84 2.53 0.00	46.70 2.25 0.00	38.23 1.74 0.00	33.76 1.48 0.00	34.41 1.46 0.00
BROOKLYN___ARMY_DRP 323595	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.14 -21.47	53.27 1.60 -23.05	53.06 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.84 2.64 -9.93	102.33 3.07 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48
BROOKVLE_69_KV_TB1 55790	41.08 1.52 0.00	37.14 1.27 0.00	37.41 1.23 0.00	35.29 1.13 0.00	33.33 1.05 0.00	30.85 1.16 0.00	43.26 2.05 0.00	80.14 3.99 0.00	59.20 3.06 -0.04	36.16 1.96 -0.01	35.30 2.02 0.00	30.07 1.45 0.00	28.01 1.30 0.00	28.64 1.17 0.00	26.16 1.31 0.00	22.40 1.18 0.00	26.20 1.48 0.00	34.44 2.05 0.00	49.95 2.68 0.00	57.52 3.21 0.00	47.16 2.71 0.00	38.72 2.23 0.00	34.06 1.79 0.00	34.59 1.65 0.00
BROOME_2_LFGE 323671	39.03 -0.53 0.00	35.33 -0.54 0.00	35.71 -0.47 0.00	33.62 -0.54 0.00	31.77 -0.51 0.00	29.27 -0.42 0.00	40.70 -0.52 0.00	75.36 -0.78 0.00	55.27 -0.83 0.00	33.61 -0.57 0.00	32.59 -0.69 0.00	28.05 -0.57 0.00	26.19 -0.52 0.00	26.98 -0.49 0.00	24.42 -0.43 0.00	20.88 -0.35 0.00	24.25 -0.47 0.00	31.73 -0.66 0.00	46.38 -0.89 0.00	53.07 -1.23 0.00	43.42 -1.03 0.00	35.52 -0.97 0.00	31.39 -0.88 0.00	31.81 -0.93 0.21
BROOME___LFGE 323600	39.03 -0.53 0.00	35.33 -0.54 0.00	35.71 -0.47 0.00	33.62 -0.54 0.00	31.77 -0.51 0.00	29.27 -0.42 0.00	40.70 -0.52 0.00	75.36 -0.78 0.00	55.27 -0.83 0.00	33.61 -0.57 0.00	32.59 -0.69 0.00	28.05 -0.57 0.00	26.19 -0.52 0.00	26.98 -0.49 0.00	24.42 -0.43 0.00	20.88 -0.35 0.00	24.25 -0.47 0.00	31.73 -0.66 0.00	46.38 -0.89 0.00	53.07 -1.23 0.00	43.42 -1.03 0.00	35.52 -0.97 0.00	31.39 -0.88 0.00	31.81 -0.93 0.21
BROWNFLS_115KV_TB_3_5 80003	39.67 0.11 0.00	35.89 0.02 0.00	36.24 0.06 0.00	34.47 0.31 0.00	32.74 0.46 0.00	30.22 0.53 0.00	41.91 0.70 0.00	77.31 1.17 0.00	56.86 0.76 0.00	34.34 0.15 0.00	33.22 -0.07 0.00	28.56 -0.06 0.00	26.60 -0.12 0.00	27.34 -0.13 0.00	24.59 -0.26 0.00	20.91 -0.32 0.00	24.34 -0.37 0.00	32.21 -0.18 0.00	47.50 0.24 0.00	54.78 0.47 0.00	44.44 -0.02 0.00	36.34 -0.16 0.00	31.97 -0.30 0.00	32.47 -0.47 0.00
BROWNSV1_27_KV_LOAD 356125	41.37 1.81 0.00	37.47 1.60 0.00	37.74 1.57 0.00	35.55 1.39 0.00	33.54 1.26 0.00	30.95 1.26 0.00	43.35 2.13 0.00	80.59 4.44 0.00	60.36 3.39 -0.87	36.62 2.22 -0.21	35.41 2.13 0.00	30.23 1.60 0.00	28.24 1.53 0.00	28.97 1.50 0.00	26.39 1.54 0.00	22.61 1.37 -0.01	26.35 1.64 0.00	34.40 2.01 0.00	49.96 2.70 0.00	57.46 3.16 0.00	47.19 2.74 0.00	38.62 2.13 0.00	34.09 1.82 0.00	34.72 1.77 0.00
BURROWS___LYONSDAL 23803	39.85 0.30 0.00	35.98 0.11 0.00	36.33 0.15 0.00	34.62 0.46 0.00	32.90 0.62 0.00	30.46 0.78 0.00	42.40 1.18 0.00	78.21 2.06 0.00	57.24 1.14 0.00	34.55 0.36 0.00	33.38 0.10 0.00	28.64 0.01 0.00	26.67 -0.05 0.00	27.38 -0.09 0.00	24.73 -0.12 0.00	21.06 -0.16 0.00	24.57 -0.15 0.00	32.57 0.17 0.00	47.99 0.73 0.00	55.07 0.76 0.00	44.62 0.16 0.00	36.40 -0.10 0.00	32.11 -0.16 0.00	32.65 -0.29 0.00
CAITHNESS_CC_1 323624	40.14 0.58 0.00	36.21 0.33 0.00	36.50 0.32 0.00	34.56 0.40 0.00	32.61 0.34 0.00	30.41 0.72 0.00	42.82 1.60 0.00	78.80 2.66 0.00	58.17 2.03 -0.04	35.45 1.25 -0.01	34.76 1.48 0.00	29.62 1.00 0.00	27.52 0.80 0.00	28.01 0.55 0.00	25.77 0.92 0.00	21.97 0.74 0.00	25.81 1.09 0.00	34.06 1.67 0.00	49.25 1.99 0.00	56.73 2.43 0.00	46.51 2.05 0.00	38.47 1.98 0.00	33.75 1.48 0.00	34.17 1.22 0.00
CALPINE BETH_PAGE_GT4 24209	40.79 1.23 0.00	36.86 0.99 0.00	37.14 0.96 0.00	35.04 0.89 0.00	33.09 0.81 0.00	30.65 0.96 0.00	43.02 1.81 0.00	79.58 3.43 0.00	58.77 2.62 -0.04	35.90 1.70 -0.01	35.08 1.80 0.00	29.85 1.23 0.00	27.78 1.07 0.00	28.39 0.92 0.00	25.96 1.11 0.00	22.22 1.00 0.00	26.02 1.30 0.00	34.24 1.84 0.00	49.70 2.44 0.00	57.26 2.96 0.00	46.95 2.50 0.00	38.55 2.06 0.00	33.89 1.62 0.00	34.39 1.45 0.00
CALPINE_BETH_PAGE_GT_4 323586	40.79 1.23 0.00	36.85 0.98 0.00	37.14 0.96 0.00	35.04 0.89 0.00	33.09 0.82 0.00	30.66 0.96 0.00	43.02 1.80 0.00	79.56 3.41 0.00	58.77 2.63 -0.04	35.90 1.70 -0.01	35.07 1.79 0.00	29.85 1.23 0.00	27.78 1.07 0.00	28.39 0.92 0.00	25.96 1.11 0.00	22.23 1.00 0.00	26.02 1.30 0.00	34.24 1.84 0.00	49.70 2.44 0.00	57.27 2.96 0.00	46.96 2.50 0.00	38.55 2.06 0.00	33.88 1.61 0.00	34.39 1.44 0.00
CALPINE_BP_GT1 23823	40.79 1.23 0.00	36.85 0.98 0.00	37.14 0.96 0.00	35.04 0.89 0.00	33.09 0.82 0.00	30.66 0.96 0.00	43.02 1.80 0.00	79.56 3.41 0.00	58.77 2.63 -0.04	35.90 1.70 -0.01	35.07 1.79 0.00	29.85 1.23 0.00	27.78 1.07 0.00	28.39 0.92 0.00	25.96 1.11 0.00	22.23 1.00 0.00	26.02 1.30 0.00	34.24 1.84 0.00	49.70 2.44 0.00	57.27 2.96 0.00	46.96 2.50 0.00	38.55 2.06 0.00	33.88 1.61 0.00	34.39 1.44 0.00
CALSPAN___DRP 24200	38.30 -1.26 0.00	34.70 -1.17 0.00	35.08 -1.10 0.00	32.73 -1.43 0.00	30.96 -1.33 0.00	28.37 -1.32 0.00	38.95 -2.27 0.00	71.56 -4.59 0.00	52.53 -3.57 0.00	32.27 -1.92 0.00	31.61 -1.67 0.00	27.26 -1.37 0.00	25.37 -1.34 0.00	26.33 -1.14 0.00	23.96 -0.88 0.00	20.39 -0.83 0.00	23.53 -1.19 0.00	30.64 -1.76 0.00	44.36 -2.91 0.00	50.13 -4.17 0.00	40.85 -3.46 0.14	33.49 -3.00 0.00	27.76 -2.90 1.62	26.81 -2.80 3.34

CALVERTON___SOLAR 323806	39.92 0.37 0.00	36.01 0.13 0.00	36.31 0.13 0.00	34.40 0.24 0.00	32.44 0.16 0.00	30.34 0.65 0.00	42.83 1.62 0.00	78.72 2.58 0.00	58.10 1.95 -0.04	35.30 1.11 -0.01	34.66 1.38 0.00	29.55 0.93 0.00	27.45 0.73 0.00	27.91 0.44 0.00	25.72 0.87 0.00	21.89 0.67 0.00	25.75 1.04 0.00	34.06 1.67 0.00	49.22 1.95 0.00	56.72 2.41 0.00	46.45 2.00 0.00	38.54 2.05 0.00	33.74 1.47 0.00	34.10 1.15 0.00
CANDIGU_WT_PWR 323617	38.25 -1.31 0.00	34.63 -1.24 0.00	34.97 -1.21 0.00	32.66 -1.50 0.00	30.85 -1.43 0.00	28.47 -1.22 0.00	39.42 -1.79 0.00	73.07 -3.08 0.00	53.45 -2.66 0.00	32.37 -1.82 0.00	31.33 -1.95 0.00	27.01 -1.62 0.00	25.17 -1.54 0.00	25.99 -1.48 0.00	23.40 -1.45 0.00	19.91 -1.31 0.00	23.01 -1.71 0.00	30.08 -2.32 0.00	44.20 -3.07 0.00	50.25 -4.06 0.00	38.83 -3.79 1.84	33.09 -3.40 0.00	8.38 -3.12 20.78	-8.45 -3.23 38.16
CARR STREET_E_SYR 24060	38.57 -0.99 0.00	34.94 -0.93 0.00	35.27 -0.91 0.00	33.28 -0.87 0.00	31.48 -0.80 0.00	28.97 -0.72 0.00	40.07 -1.15 0.00	74.06 -2.09 0.00	54.34 -1.76 0.00	33.03 -1.16 0.00	32.13 -1.15 0.00	27.70 -0.93 0.00	25.82 -0.90 0.00	26.57 -0.90 0.00	24.07 -0.78 0.00	20.57 -0.66 0.00	23.88 -0.84 0.00	31.29 -1.10 0.00	45.75 -1.52 0.00	52.43 -1.87 0.00	42.89 -1.57 0.00	35.16 -1.34 0.00	31.19 -1.08 0.00	31.92 -1.03 0.00
CARTHAGE___PAPER 23857	39.82 0.26 0.00	35.91 0.04 0.00	36.29 0.11 0.00	34.76 0.60 0.00	33.20 0.92 0.00	30.78 1.08 0.00	42.77 1.56 0.00	78.77 2.62 0.00	57.41 1.31 0.00	34.37 0.18 0.00	32.99 -0.29 0.00	28.26 -0.36 0.00	26.29 -0.43 0.00	27.01 -0.46 0.00	24.35 -0.49 0.00	20.71 -0.51 0.00	24.14 -0.58 0.00	32.27 -0.13 0.00	48.04 0.78 0.00	55.31 1.01 0.00	44.55 0.09 0.00	36.21 -0.28 0.00	31.88 -0.40 0.00	32.34 -0.60 0.00
CASSADAGA_WT_PWR 323784	39.21 -0.34 0.00	35.44 -0.43 0.00	35.92 -0.26 0.00	33.30 -0.86 0.00	30.99 -1.29 0.00	28.29 -1.40 0.00	39.55 -1.66 0.00	73.69 -2.46 0.00	53.82 -2.28 0.00	33.08 -1.10 0.00	32.39 -0.89 0.00	28.07 -0.56 0.00	26.21 -0.51 0.00	27.13 -0.34 0.00	24.55 -0.29 0.00	20.99 -0.24 0.00	24.09 -0.62 0.00	31.23 -1.17 0.00	45.32 -1.94 0.00	51.11 -3.20 0.00	40.72 -3.67 0.07	33.07 -3.42 0.00	28.01 -3.49 0.78	27.46 -3.59 1.89
CE_DUNWOOD___DRP 24194	40.74 1.18 0.00	36.91 1.03 0.00	37.19 1.01 0.00	35.05 0.90 0.00	33.09 0.81 0.00	30.52 0.83 0.00	42.71 1.49 0.00	79.27 3.12 0.00	58.48 2.35 -0.03	35.75 1.56 -0.01	34.76 1.48 0.00	29.70 1.07 0.00	27.74 1.02 0.00	28.46 0.99 0.00	25.91 1.06 0.00	22.19 0.97 0.00	25.90 1.18 0.00	33.87 1.47 0.00	49.23 1.97 0.00	56.63 2.33 0.00	46.48 2.02 0.00	38.07 1.58 0.00	33.61 1.34 0.00	34.25 1.30 0.00
CE_MILLWOOD___DRP 24193	40.61 1.06 0.00	36.80 0.93 0.00	37.08 0.90 0.00	34.95 0.79 0.00	32.99 0.71 0.00	30.43 0.74 0.00	42.57 1.35 0.00	79.02 2.87 0.00	58.27 2.14 -0.02	35.59 1.40 0.00	34.61 1.33 0.00	29.57 0.95 0.00	27.62 0.90 0.00	28.34 0.87 0.00	25.80 0.96 0.00	22.10 0.88 0.00	25.79 1.08 0.00	33.74 1.34 0.00	49.07 1.80 0.00	56.45 2.15 0.00	46.31 1.85 0.00	37.92 1.43 0.00	33.50 1.22 0.00	34.14 1.20 0.00
CE_NYC2_DRP 24202	41.18 1.62 -0.01	37.34 1.46 -0.01	37.62 1.43 -0.01	35.43 1.27 -0.01	33.44 1.16 -0.01	31.37 1.15 -0.53	43.10 1.88 0.00	80.06 3.92 0.00	60.15 2.99 -1.06	36.43 1.98 -0.26	35.22 1.93 0.00	30.07 1.44 0.00	28.09 1.38 0.00	28.82 1.35 0.00	26.24 1.39 -0.01	22.48 1.24 -0.02	26.22 1.50 0.00	34.21 1.81 0.00	49.58 2.31 0.00	57.02 2.72 0.00	46.81 2.35 0.00	38.35 1.86 0.00	33.87 1.60 0.00	34.50 1.56 0.00
CE_NYC_DRP 24195	41.00 1.45 0.00	37.15 1.28 0.00	37.44 1.26 0.00	35.25 1.10 0.00	33.28 1.00 0.00	30.70 1.01 0.00	42.97 1.75 0.00	79.88 3.73 0.00	59.78 2.86 -0.82	36.28 1.89 -0.20	35.11 1.82 0.00	29.97 1.34 0.00	28.01 1.29 0.00	28.74 1.27 0.00	26.18 1.33 0.00	22.43 1.20 -0.01	26.14 1.42 0.00	34.11 1.72 0.00	49.54 2.27 0.00	56.94 2.64 0.00	46.76 2.31 0.00	38.28 1.79 0.00	33.80 1.52 0.00	34.44 1.49 0.00
CHAFFEE___LFGE 323603	38.80 -0.76 0.00	35.08 -0.79 0.00	35.56 -0.61 0.00	33.12 -1.04 0.00	31.19 -1.09 0.00	28.48 -1.20 0.00	39.57 -1.65 0.00	73.51 -2.64 0.00	53.98 -2.12 0.00	32.91 -1.28 0.00	32.11 -1.17 0.00	27.73 -0.89 0.00	25.84 -0.87 0.00	26.77 -0.70 0.00	24.28 -0.57 0.00	20.68 -0.55 0.00	23.78 -0.93 0.00	30.83 -1.57 0.00	44.80 -2.47 0.00	50.94 -3.36 0.00	41.73 -2.72 0.00	34.03 -2.47 0.00	29.79 -2.49 0.00	29.90 -2.48 0.57
CHATEAUG_35_KV_LOAD 355732	40.32 0.76 0.00	36.91 1.03 0.00	37.21 1.02 0.00	35.16 1.00 0.00	33.21 0.93 0.00	30.36 0.67 0.00	41.79 0.57 0.00	77.53 1.39 0.00	57.73 1.63 0.00	35.25 1.06 0.00	34.35 1.07 0.00	29.69 1.06 0.00	27.68 0.96 0.00	28.47 1.00 0.00	25.56 0.72 0.00	21.78 0.56 0.00	25.34 0.61 0.00	33.11 0.72 0.00	48.35 1.09 0.00	55.82 1.51 0.00	45.62 1.16 0.00	37.47 0.98 0.00	32.91 0.64 0.00	33.35 0.41 0.00
CHATEAUG_WT_PWR 323614	40.24 0.68 0.00	36.83 0.95 0.00	37.12 0.94 0.00	35.09 0.93 0.00	33.14 0.86 0.00	30.28 0.59 0.00	41.68 0.46 0.00	77.32 1.17 0.00	57.58 1.48 0.00	35.20 1.02 0.00	34.34 1.06 0.00	29.69 1.07 0.00	27.70 0.98 0.00	28.48 1.02 0.00	25.60 0.76 0.00	21.82 0.59 0.00	25.38 0.66 0.00	33.15 0.76 0.00	48.35 1.08 0.00	55.67 1.36 0.00	45.49 1.03 0.00	37.35 0.86 0.00	32.81 0.54 0.00	33.26 0.31 0.00
CHAT_HIGH_FALL_HYD 323578	40.32 0.76 0.00	36.91 1.03 0.00	37.21 1.02 0.00	35.16 1.00 0.00	33.21 0.93 0.00	30.36 0.67 0.00	41.79 0.57 0.00	77.53 1.39 0.00	57.73 1.63 0.00	35.25 1.06 0.00	34.35 1.07 0.00	29.69 1.06 0.00	27.68 0.96 0.00	28.47 1.00 0.00	25.56 0.72 0.00	21.78 0.56 0.00	25.34 0.61 0.00	33.11 0.72 0.00	48.35 1.09 0.00	55.82 1.51 0.00	45.62 1.16 0.00	37.47 0.98 0.00	32.91 0.64 0.00	33.35 0.41 0.00
CHAUTAUQUA___LFGE 323629	38.81 -0.75 0.00	35.07 -0.80 0.00	35.56 -0.62 0.00	33.05 -1.10 0.00	30.98 -1.30 0.00	28.39 -1.30 0.00	39.50 -1.71 0.00	73.43 -2.72 0.00	53.69 -2.41 0.00	32.84 -1.35 0.00	31.98 -1.31 0.00	27.67 -0.95 0.00	25.82 -0.89 0.00	26.79 -0.68 0.00	24.27 -0.57 0.00	20.75 -0.48 0.00	23.88 -0.84 0.00	30.96 -1.43 0.00	45.01 -2.26 0.00	50.87 -3.43 0.00	40.91 -3.45 0.10	33.23 -3.26 0.00	27.94 -3.18 1.15	27.20 -3.21 2.54
CHERRYST_13_KV_LD 356241	41.11 1.55 0.00	37.25 1.38 0.00	37.53 1.35 0.00	35.35 1.19 0.00	33.37 1.10 0.00	30.79 1.10 0.00	43.10 1.89 0.00	80.12 3.98 0.00	59.99 3.06 -0.83	36.41 2.02 -0.20	35.22 1.94 0.00	30.08 1.45 0.00	28.11 1.39 0.00	28.84 1.37 0.00	26.27 1.41 0.00	22.50 1.27 -0.01	26.22 1.51 0.00	34.23 1.84 0.00	49.69 2.43 0.00	57.12 2.82 0.00	46.89 2.44 0.00	38.39 1.89 0.00	33.89 1.61 0.00	34.53 1.59 0.00

CHESTROR_138KV_BK263 355645	40.34 0.78 0.00	36.55 0.67 0.00	36.85 0.67 0.00	34.74 0.58 0.00	32.80 0.52 0.00	30.24 0.55 0.00	42.25 1.04 0.00	78.39 2.24 0.00	57.72 1.62 0.00	35.21 1.03 0.00	34.21 0.93 0.00	29.24 0.62 0.00	27.31 0.59 0.00	28.03 0.57 0.00	25.51 0.66 0.00	21.85 0.62 0.00	25.50 0.79 0.00	33.37 0.98 0.00	48.63 1.36 0.00	55.95 1.64 0.00	45.88 1.42 0.00	37.57 1.08 0.00	33.20 0.93 0.00	33.84 0.90 0.00
CH_MIDHUDSON___DRP 24192	40.65 1.09 0.00	36.85 0.97 0.00	37.14 0.96 0.00	35.04 0.88 0.00	33.08 0.80 0.00	30.49 0.80 0.00	42.66 1.44 0.00	79.08 2.93 0.00	58.26 2.15 0.00	35.55 1.36 0.00	34.55 1.27 0.00	29.54 0.91 0.00	27.57 0.86 0.00	28.30 0.83 0.00	25.73 0.89 0.00	22.04 0.82 0.00	25.74 1.02 0.00	33.76 1.37 0.00	49.14 1.87 0.00	56.55 2.25 0.00	46.40 1.94 0.00	38.02 1.53 0.00	33.58 1.31 0.00	34.22 1.27 0.00
CH_MISC_IPPS 23765	40.98 1.42 0.00	37.14 1.26 0.00	37.44 1.26 0.00	35.31 1.15 0.00	33.34 1.06 0.00	30.74 1.05 0.00	43.03 1.82 0.00	79.84 3.70 0.00	58.80 2.69 0.00	35.85 1.66 0.00	34.79 1.51 0.00	29.71 1.09 0.00	27.73 1.02 0.00	28.47 1.00 0.00	25.89 1.05 0.00	22.19 0.97 0.00	25.93 1.21 0.00	33.91 1.52 0.00	49.38 2.12 0.00	56.83 2.53 0.00	46.63 2.17 0.00	38.18 1.69 0.00	33.71 1.44 0.00	34.34 1.40 0.00
CH_RES_BVR_FALLS 23983	39.28 -0.28 0.00	35.62 -0.25 0.00	35.83 -0.34 0.00	33.90 -0.26 0.00	32.13 -0.14 0.00	29.61 -0.08 0.00	41.13 -0.09 0.00	75.86 -0.29 0.00	56.13 0.03 0.00	34.40 0.21 0.00	33.60 0.32 0.00	28.93 0.31 0.00	27.00 0.29 0.00	27.76 0.30 0.00	25.02 0.18 0.00	21.34 0.12 0.00	24.81 0.09 0.00	32.52 0.13 0.00	47.40 0.13 0.00	54.18 -0.13 0.00	43.95 -0.51 0.00	36.02 -0.47 0.00	31.74 -0.53 0.00	32.36 -0.59 0.00
CH_RES_NIAGARA 23895	36.81 -2.75 0.00	33.38 -2.49 0.00	33.71 -2.47 0.00	31.47 -2.69 0.00	29.80 -2.48 0.00	27.30 -2.39 0.00	37.27 -3.95 0.00	68.13 -8.02 0.00	50.06 -6.05 0.00	30.88 -3.31 0.00	30.36 -2.92 0.00	26.21 -2.42 0.00	24.38 -2.34 0.00	25.30 -2.17 0.00	23.07 -1.77 0.00	19.63 -1.59 0.00	22.63 -2.09 0.00	29.43 -2.96 0.00	42.49 -4.78 0.00	47.94 -6.37 0.00	39.11 -5.16 0.18	32.17 -4.32 0.00	26.22 -3.98 2.08	24.99 -3.83 4.12
CH_RES_SYRACUSE 23985	38.83 -0.72 0.00	35.19 -0.69 0.00	35.52 -0.66 0.00	33.52 -0.64 0.00	31.70 -0.58 0.00	29.17 -0.52 0.00	40.40 -0.82 0.00	74.63 -1.52 0.00	54.75 -1.36 0.00	33.25 -0.94 0.00	32.30 -0.98 0.00	27.84 -0.79 0.00	25.95 -0.76 0.00	26.71 -0.76 0.00	24.18 -0.66 0.00	20.65 -0.57 0.00	23.98 -0.73 0.00	31.48 -0.91 0.00	46.09 -1.18 0.00	52.83 -1.47 0.00	43.21 -1.25 0.00	35.39 -1.10 0.00	31.40 -0.88 0.00	32.11 -0.83 0.00
CLINTON_WT_PWR 323605	40.24 0.68 0.00	36.83 0.95 0.00	37.12 0.94 0.00	35.09 0.93 0.00	33.14 0.86 0.00	30.28 0.59 0.00	41.68 0.46 0.00	77.32 1.17 0.00	57.58 1.48 0.00	35.20 1.02 0.00	34.34 1.06 0.00	29.69 1.07 0.00	27.70 0.98 0.00	28.48 1.02 0.00	25.60 0.76 0.00	21.82 0.59 0.00	25.38 0.66 0.00	33.15 0.76 0.00	48.35 1.08 0.00	55.67 1.36 0.00	45.49 1.03 0.00	37.35 0.86 0.00	32.81 0.54 0.00	33.26 0.31 0.00
CLINTON___LFGE 323618	40.95 1.39 0.00	37.59 1.71 0.00	37.90 1.72 0.00	35.85 1.69 0.00	33.84 1.57 0.00	30.82 1.13 0.00	42.33 1.11 0.00	78.70 2.56 0.00	58.73 2.63 0.00	35.89 1.70 0.00	34.97 1.69 0.00	30.34 1.72 0.00	28.27 1.56 0.00	29.04 1.57 0.00	26.12 1.27 0.00	22.25 1.03 0.00	25.90 1.18 0.00	33.74 1.34 0.00	49.29 2.03 0.00	56.78 2.47 0.00	46.46 2.00 0.00	38.12 1.62 0.00	33.44 1.17 0.00	33.82 0.88 0.00
COBBLENY_34_KV_TB1 80064	38.81 -0.75 0.00	35.05 -0.82 0.00	35.51 -0.67 0.00	33.12 -1.04 0.00	31.20 -1.09 0.00	28.48 -1.21 0.00	39.56 -1.65 0.00	73.50 -2.64 0.00	53.98 -2.12 0.00	32.91 -1.28 0.00	32.11 -1.17 0.00	27.73 -0.90 0.00	25.84 -0.88 0.00	26.77 -0.70 0.00	24.29 -0.56 0.00	20.68 -0.55 0.00	23.78 -0.93 0.00	30.82 -1.57 0.00	44.81 -2.46 0.00	50.95 -3.36 0.00	41.79 -2.66 0.00	34.02 -2.47 0.00	29.78 -2.49 0.00	29.89 -2.49 0.57
COFFEEN___115KV_TB3 355620	39.64 0.08 0.00	35.71 -0.16 0.00	36.13 -0.05 0.00	34.61 0.46 0.00	33.12 0.84 0.00	30.72 1.02 0.00	42.71 1.49 0.00	78.61 2.46 0.00	57.12 1.02 0.00	34.02 -0.16 0.00	32.54 -0.75 0.00	27.83 -0.79 0.00	25.89 -0.82 0.00	26.60 -0.87 0.00	24.02 -0.83 0.00	20.45 -0.78 0.00	23.80 -0.91 0.00	31.91 -0.49 0.00	47.77 0.51 0.00	55.12 0.82 0.00	44.38 -0.07 0.00	36.01 -0.48 0.00	31.70 -0.57 0.00	32.17 -0.77 0.00
COLDSPRG_115KV_BK1 355956	39.65 0.09 0.00	35.83 -0.04 0.00	36.27 0.09 0.00	33.77 -0.38 0.00	31.66 -0.62 0.00	28.98 -0.72 0.00	40.38 -0.83 0.00	75.13 -1.02 0.00	55.04 -1.06 0.00	33.65 -0.54 0.00	32.84 -0.44 0.00	28.38 -0.24 0.00	26.47 -0.25 0.00	27.41 -0.06 0.00	24.83 -0.02 0.00	21.18 -0.04 0.00	24.36 -0.36 0.00	31.57 -0.83 0.00	45.88 -1.39 0.00	51.95 -2.36 0.00	42.07 -2.39 0.00	34.18 -2.32 0.00	29.85 -2.42 0.00	29.92 -2.48 0.54
COLONIE_LFGE___ 323577	40.51 0.95 0.00	36.72 0.85 0.00	37.01 0.83 0.00	34.99 0.84 0.00	33.06 0.78 0.00	30.48 0.79 0.00	42.55 1.33 0.00	78.48 2.34 0.00	57.63 1.53 0.00	35.02 0.83 0.00	34.02 0.74 0.00	29.15 0.53 0.00	27.20 0.48 0.00	27.89 0.42 0.00	25.29 0.44 0.00	21.68 0.45 0.00	25.41 0.69 0.00	33.44 1.04 0.00	48.79 1.52 0.00	56.04 1.74 0.00	46.04 1.58 0.00	37.84 1.35 0.00	33.46 1.19 0.00	34.15 1.21 0.00
COOPERNY_115KV_TB1 80082	40.07 0.51 0.00	36.30 0.43 0.00	36.61 0.43 0.00	34.53 0.38 0.00	32.62 0.34 0.00	30.06 0.36 0.00	41.92 0.70 0.00	77.65 1.51 0.00	57.17 1.07 0.00	34.87 0.68 0.00	33.89 0.61 0.00	29.02 0.39 0.00	27.09 0.38 0.00	27.83 0.36 0.00	25.28 0.44 0.00	21.64 0.42 0.00	25.23 0.52 0.00	33.04 0.64 0.00	48.15 0.88 0.00	55.37 1.06 0.00	45.37 0.91 0.00	37.18 0.69 0.00	32.86 0.59 0.00	33.51 0.57 0.00
COPENHAGEN_WT_PWR 323753	38.98 -0.58 0.00	35.09 -0.78 0.00	35.51 -0.67 0.00	34.14 -0.02 0.00	32.72 0.44 0.00	30.33 0.64 0.00	42.08 0.86 0.00	77.35 1.20 0.00	56.31 0.21 0.00	33.78 -0.41 0.00	32.46 -0.82 0.00	27.81 -0.82 0.00	25.87 -0.85 0.00	26.58 -0.89 0.00	24.00 -0.85 0.00	20.43 -0.79 0.00	23.76 -0.96 0.00	31.74 -0.66 0.00	47.25 -0.02 0.00	54.31 0.00 0.00	43.54 -0.92 0.00	35.26 -1.23 0.00	31.05 -1.22 0.00	31.53 -1.41 0.00
CORNELL_____ 23752	39.58 0.02 0.00	35.84 -0.03 0.00	36.20 0.03 0.00	34.12 -0.03 0.00	32.29 0.01 0.00	29.77 0.08 0.00	41.39 0.17 0.00	76.64 0.49 0.00	56.08 -0.03 0.00	33.85 -0.34 0.00	32.64 -0.64 0.00	28.03 -0.59 0.00	26.12 -0.60 0.00	26.87 -0.60 0.00	24.31 -0.54 0.00	20.77 -0.45 0.00	24.16 -0.55 0.00	31.86 -0.54 0.00	46.94 -0.33 0.00	53.91 -0.39 0.00	44.16 -0.38 0.00	36.02 -0.47 0.00	32.78 -0.44 -0.95	36.21 -0.48 -3.75

CORONA_69_KV_TB1 355595	41.07 1.51 0.00	37.13 1.25 0.00	37.40 1.22 0.00	35.26 1.11 0.00	33.29 1.02 0.00	30.80 1.11 0.00	43.18 1.96 0.00	79.94 3.79 0.00	59.03 2.89 -0.04	36.06 1.87 -0.01	35.20 1.92 0.00	30.01 1.38 0.00	27.94 1.23 0.00	28.60 1.13 0.00	26.12 1.27 0.00	22.38 1.15 0.00	26.15 1.43 0.00	34.31 1.92 0.00	49.77 2.50 0.00	57.30 3.00 0.00	47.06 2.60 0.00	38.67 2.18 0.00	34.04 1.76 0.00	34.58 1.63 0.00
CORTLAND_115KV_TB3 80093	39.33 -0.22 0.00	35.62 -0.26 0.00	35.96 -0.22 0.00	33.91 -0.24 0.00	32.09 -0.19 0.00	29.57 -0.12 0.00	41.09 -0.12 0.00	76.07 -0.08 0.00	55.74 -0.36 0.00	33.77 -0.42 0.00	32.68 -0.60 0.00	28.10 -0.53 0.00	26.20 -0.51 0.00	26.97 -0.50 0.00	24.40 -0.44 0.00	20.86 -0.36 0.00	24.25 -0.46 0.00	31.86 -0.54 0.00	46.76 -0.50 0.00	53.67 -0.64 0.00	43.88 -0.58 0.00	35.91 -0.59 0.00	31.77 -0.51 0.00	32.96 -0.53 -0.55
COXSACKIE___GT 23611	42.00 2.44 0.00	38.06 2.18 0.00	38.37 2.19 0.00	36.28 2.12 0.00	34.32 2.04 0.00	31.67 1.98 0.00	44.86 3.64 0.00	83.54 7.40 0.00	61.06 4.95 0.00	36.43 2.24 0.00	34.85 1.57 0.00	29.67 1.05 0.00	27.69 0.98 0.00	28.42 0.95 0.00	25.76 0.92 0.00	22.07 0.85 0.00	25.77 1.05 0.00	34.23 1.83 0.00	50.53 3.26 0.00	58.24 3.94 0.00	47.74 3.29 0.00	39.16 2.67 0.00	34.59 2.31 0.00	35.20 2.25 0.00
CPV_VALLEY___CC1 323721	40.07 0.52 0.00	36.30 0.43 0.00	36.61 0.44 0.00	34.52 0.37 0.00	32.59 0.32 0.00	30.04 0.35 0.00	41.95 0.74 0.00	77.79 1.64 0.00	57.30 1.20 0.00	34.98 0.79 0.00	33.99 0.71 0.00	29.08 0.46 0.00	27.17 0.45 0.00	27.89 0.42 0.00	25.38 0.53 0.00	21.74 0.51 0.00	25.35 0.63 0.00	33.16 0.77 0.00	48.28 1.01 0.00	55.53 1.22 0.00	45.53 1.07 0.00	37.30 0.80 0.00	32.97 0.69 0.00	33.61 0.66 0.00
CPV_VALLEY___CC2 323722	40.07 0.52 0.00	36.30 0.43 0.00	36.61 0.44 0.00	34.52 0.37 0.00	32.59 0.32 0.00	30.04 0.35 0.00	41.95 0.74 0.00	77.79 1.64 0.00	57.30 1.20 0.00	34.98 0.79 0.00	33.99 0.71 0.00	29.08 0.46 0.00	27.17 0.45 0.00	27.89 0.42 0.00	25.38 0.53 0.00	21.74 0.51 0.00	25.35 0.63 0.00	33.16 0.77 0.00	48.28 1.01 0.00	55.53 1.22 0.00	45.53 1.07 0.00	37.30 0.80 0.00	32.97 0.69 0.00	33.61 0.66 0.00
CRESCENT___HYD 24018	40.51 0.95 0.00	36.72 0.85 0.00	37.01 0.83 0.00	34.99 0.84 0.00	33.06 0.78 0.00	30.48 0.79 0.00	42.55 1.33 0.00	78.48 2.34 0.00	57.63 1.53 0.00	35.02 0.83 0.00	34.02 0.74 0.00	29.15 0.53 0.00	27.20 0.48 0.00	27.89 0.42 0.00	25.29 0.44 0.00	21.68 0.45 0.00	25.41 0.69 0.00	33.44 1.04 0.00	48.79 1.52 0.00	56.04 1.74 0.00	46.04 1.58 0.00	37.84 1.35 0.00	33.46 1.19 0.00	34.15 1.21 0.00
CRICKET___VALLEY_CC1 323756	40.22 0.66 0.00	36.50 0.63 0.00	36.80 0.62 0.00	34.75 0.59 0.00	32.81 0.53 0.00	30.20 0.51 0.00	42.26 1.05 0.00	78.25 2.10 0.00	57.62 1.52 0.00	35.16 0.97 0.00	34.19 0.91 0.00	29.26 0.63 0.00	27.32 0.61 0.00	28.05 0.58 0.00	25.50 0.65 0.00	21.83 0.61 0.00	25.51 0.79 0.00	33.41 1.01 0.00	48.58 1.31 0.00	55.91 1.60 0.00	45.92 1.46 0.00	37.66 1.17 0.00	33.28 1.01 0.00	33.95 1.01 0.00
CRICKET___VALLEY_CC2 323757	40.22 0.66 0.00	36.50 0.63 0.00	36.80 0.62 0.00	34.75 0.59 0.00	32.81 0.53 0.00	30.20 0.51 0.00	42.26 1.05 0.00	78.25 2.10 0.00	57.62 1.52 0.00	35.16 0.97 0.00	34.19 0.91 0.00	29.26 0.63 0.00	27.32 0.61 0.00	28.05 0.58 0.00	25.50 0.65 0.00	21.83 0.61 0.00	25.51 0.79 0.00	33.41 1.01 0.00	48.58 1.31 0.00	55.91 1.60 0.00	45.92 1.46 0.00	37.66 1.17 0.00	33.28 1.01 0.00	33.95 1.01 0.00
CRICKET___VALLEY_CC3 323758	40.22 0.66 0.00	36.50 0.63 0.00	36.80 0.62 0.00	34.75 0.59 0.00	32.81 0.53 0.00	30.20 0.51 0.00	42.26 1.05 0.00	78.25 2.10 0.00	57.62 1.52 0.00	35.16 0.97 0.00	34.19 0.91 0.00	29.26 0.63 0.00	27.32 0.61 0.00	28.05 0.58 0.00	25.50 0.65 0.00	21.83 0.61 0.00	25.51 0.79 0.00	33.41 1.01 0.00	48.58 1.31 0.00	55.91 1.60 0.00	45.92 1.46 0.00	37.66 1.17 0.00	33.28 1.01 0.00	33.95 1.01 0.00
CRUCIBLE_METL_DRP 24180	38.83 -0.72 0.00	35.19 -0.69 0.00	35.52 -0.66 0.00	33.52 -0.64 0.00	31.70 -0.58 0.00	29.17 -0.52 0.00	40.40 -0.82 0.00	74.63 -1.52 0.00	54.75 -1.36 0.00	33.24 -0.94 0.00	32.30 -0.98 0.00	27.84 -0.79 0.00	25.95 -0.76 0.00	26.71 -0.76 0.00	24.18 -0.66 0.00	20.65 -0.57 0.00	23.98 -0.73 0.00	31.48 -0.92 0.00	46.09 -1.18 0.00	52.83 -1.47 0.00	43.21 -1.25 0.00	35.40 -1.10 0.00	31.39 -0.88 0.00	32.11 -0.84 0.00
DAHOWA___HYDRO 323763	41.19 1.64 0.00	37.30 1.43 0.00	37.63 1.45 0.00	35.59 1.44 0.00	33.64 1.36 0.00	31.06 1.36 0.00	43.48 2.27 0.00	80.25 4.11 0.00	58.71 2.61 0.00	35.43 1.24 0.00	34.42 1.14 0.00	29.53 0.91 0.00	27.52 0.81 0.00	28.23 0.76 0.00	25.55 0.70 0.00	21.94 0.71 0.00	25.77 1.05 0.00	34.03 1.63 0.00	49.83 2.56 0.00	57.26 2.96 0.00	47.02 2.56 0.00	38.65 2.16 0.00	34.14 1.86 0.00	34.85 1.91 0.00
DANC___LFGE 323619	38.69 -0.86 0.00	34.92 -0.96 0.00	35.29 -0.89 0.00	33.70 -0.46 0.00	32.15 -0.13 0.00	29.72 0.03 0.00	41.15 -0.06 0.00	75.79 -0.36 0.00	55.33 -0.77 0.00	33.32 -0.87 0.00	32.15 -1.13 0.00	27.59 -1.03 0.00	25.69 -1.03 0.00	26.41 -1.06 0.00	23.87 -0.98 0.00	20.36 -0.87 0.00	23.65 -1.06 0.00	31.39 -1.00 0.00	46.45 -0.81 0.00	53.37 -0.93 0.00	43.12 -1.34 0.00	35.10 -1.39 0.00	31.01 -1.26 0.00	31.58 -1.36 0.00
DANSKAMMER___1 23586	40.98 1.42 0.00	37.14 1.26 0.00	37.44 1.26 0.00	35.31 1.15 0.00	33.34 1.06 0.00	30.74 1.05 0.00	43.03 1.82 0.00	79.84 3.70 0.00	58.80 2.69 0.00	35.85 1.66 0.00	34.79 1.51 0.00	29.71 1.09 0.00	27.73 1.02 0.00	28.47 1.00 0.00	25.89 1.05 0.00	22.19 0.97 0.00	25.93 1.21 0.00	33.91 1.52 0.00	49.38 2.12 0.00	56.83 2.53 0.00	46.63 2.17 0.00	38.18 1.69 0.00	33.71 1.44 0.00	34.34 1.40 0.00
DANSKAMMER___2 23589	40.98 1.42 0.00	37.14 1.26 0.00	37.44 1.26 0.00	35.31 1.15 0.00	33.34 1.06 0.00	30.74 1.05 0.00	43.03 1.82 0.00	79.84 3.70 0.00	58.80 2.69 0.00	35.85 1.66 0.00	34.79 1.51 0.00	29.71 1.09 0.00	27.73 1.02 0.00	28.47 1.00 0.00	25.89 1.05 0.00	22.19 0.97 0.00	25.93 1.21 0.00	33.91 1.52 0.00	49.38 2.12 0.00	56.83 2.53 0.00	46.63 2.17 0.00	38.18 1.69 0.00	33.71 1.44 0.00	34.34 1.40 0.00
DANSKAMMER___3 23590	40.98 1.42 0.00	37.14 1.26 0.00	37.44 1.26 0.00	35.31 1.15 0.00	33.34 1.06 0.00	30.74 1.05 0.00	43.03 1.82 0.00	79.84 3.70 0.00	58.80 2.69 0.00	35.85 1.66 0.00	34.79 1.51 0.00	29.71 1.09 0.00	27.73 1.02 0.00	28.47 1.00 0.00	25.89 1.05 0.00	22.19 0.97 0.00	25.93 1.21 0.00	33.91 1.52 0.00	49.38 2.12 0.00	56.83 2.53 0.00	46.63 2.17 0.00	38.18 1.69 0.00	33.71 1.44 0.00	34.34 1.40 0.00

DANSKAMMER___4 23591	40.98 1.42 0.00	37.14 1.26 0.00	37.44 1.26 0.00	35.31 1.15 0.00	33.34 1.06 0.00	30.74 1.05 0.00	43.03 1.82 0.00	79.84 3.70 0.00	58.80 2.69 0.00	35.85 1.66 0.00	34.79 1.51 0.00	29.71 1.09 0.00	27.73 1.02 0.00	28.47 1.00 0.00	25.89 1.05 0.00	22.19 0.97 0.00	25.93 1.21 0.00	33.91 1.52 0.00	49.38 2.12 0.00	56.83 2.53 0.00	46.63 2.17 0.00	38.18 1.69 0.00	33.71 1.44 0.00	34.34 1.40 0.00
DANSKAMMER___DIESEL 23592	40.98 1.43 0.00	37.14 1.26 0.00	37.44 1.25 0.00	35.30 1.15 0.00	33.34 1.06 0.00	30.75 1.06 0.00	43.03 1.82 0.00	79.84 3.70 0.00	58.80 2.69 0.00	35.85 1.66 0.00	34.79 1.51 0.00	29.71 1.09 0.00	27.73 1.02 0.00	28.47 1.00 0.00	25.89 1.04 0.00	22.19 0.96 0.00	25.93 1.21 0.00	33.91 1.52 0.00	49.38 2.12 0.00	56.83 2.53 0.00	46.62 2.17 0.00	38.18 1.69 0.00	33.72 1.44 0.00	34.35 1.40 0.00
DARBY___SOLAR 323810	41.00 1.44 0.00	37.15 1.28 0.00	37.46 1.28 0.00	35.43 1.28 0.00	33.49 1.21 0.00	30.90 1.21 0.00	43.24 2.02 0.00	79.78 3.64 0.00	58.38 2.28 0.00	35.26 1.07 0.00	34.26 0.98 0.00	29.40 0.78 0.00	27.41 0.69 0.00	28.10 0.63 0.00	25.45 0.60 0.00	21.85 0.63 0.00	25.67 0.95 0.00	33.87 1.48 0.00	49.60 2.33 0.00	56.99 2.68 0.00	46.79 2.33 0.00	38.46 1.97 0.00	33.98 1.71 0.00	34.69 1.74 0.00
DASHVILLE___HYD 23610	40.65 1.09 0.00	36.85 0.97 0.00	37.15 0.97 0.00	35.04 0.89 0.00	33.10 0.82 0.00	30.50 0.81 0.00	42.70 1.48 0.00	79.21 3.06 0.00	58.34 2.24 0.00	35.57 1.39 0.00	34.52 1.24 0.00	29.51 0.88 0.00	27.55 0.84 0.00	28.27 0.80 0.00	25.72 0.88 0.00	22.02 0.80 0.00	25.70 0.98 0.00	33.67 1.28 0.00	49.05 1.78 0.00	56.45 2.15 0.00	46.31 1.85 0.00	37.93 1.44 0.00	33.50 1.23 0.00	34.13 1.19 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	39.82 0.26 0.00	35.88 0.00 0.00	36.20 0.02 0.00	34.33 0.18 0.00	32.29 0.01 0.00	30.28 0.58 0.00	42.84 1.63 0.00	79.02 2.88 0.00	58.27 2.13 -0.04	35.31 1.11 -0.01	34.80 1.52 0.00	29.77 1.14 0.00	27.73 1.02 0.00	28.16 0.69 0.00	25.97 1.13 0.00	22.13 0.91 0.00	26.11 1.39 0.00	34.60 2.21 0.00	50.06 2.80 0.00	57.70 3.40 0.00	47.14 2.68 0.00	39.14 2.65 0.00	34.27 2.00 0.00	34.59 1.64 0.00
DELAWARE___LFGE 323621	40.14 0.58 0.00	36.40 0.52 0.00	36.73 0.54 0.00	34.70 0.54 0.00	32.79 0.51 0.00	30.20 0.50 0.00	42.07 0.85 0.00	77.82 1.67 0.00	57.21 1.11 0.00	34.83 0.64 0.00	33.85 0.57 0.00	29.05 0.43 0.00	27.14 0.43 0.00	27.89 0.42 0.00	25.27 0.43 0.00	21.58 0.36 0.00	25.15 0.43 0.00	32.99 0.60 0.00	48.13 0.86 0.00	55.18 0.88 0.00	45.17 0.72 0.00	37.00 0.51 0.00	32.70 0.43 0.00	33.34 0.40 0.00
DERFIELD_115KV_TB7 355931	39.58 0.02 0.00	35.86 -0.01 0.00	36.15 -0.04 0.00	34.17 0.02 0.00	32.31 0.03 0.00	29.75 0.06 0.00	41.40 0.19 0.00	76.50 0.35 0.00	56.25 0.15 0.00	34.25 0.06 0.00	33.31 0.03 0.00	28.61 -0.02 0.00	26.71 0.00 0.00	27.44 -0.03 0.00	24.85 0.00 0.00	21.24 0.01 0.00	24.78 0.06 0.00	32.52 0.13 0.00	47.48 0.21 0.00	54.51 0.20 0.00	44.59 0.13 0.00	36.60 0.10 0.00	32.37 0.09 0.00	33.03 0.09 0.00
DOGLEVILLE___HYD 23807	39.41 -0.15 0.00	35.67 -0.21 0.00	35.91 -0.27 0.00	33.97 -0.19 0.00	32.14 -0.14 0.00	29.71 0.03 0.00	41.74 0.53 0.00	77.06 0.91 0.00	56.00 -0.10 0.00	33.47 -0.72 0.00	32.26 -1.02 0.00	27.59 -1.03 0.00	25.75 -0.96 0.00	26.38 -1.09 0.00	23.92 -0.93 0.00	20.49 -0.73 0.00	24.23 -0.49 0.00	32.20 -0.19 0.00	47.53 0.26 0.00	54.85 0.54 0.00	45.00 0.54 0.00	36.99 0.50 0.00	32.74 0.47 0.00	33.36 0.42 0.00
DUNKIRK___115KV_TB_200 55889	38.75 -0.80 0.00	35.00 -0.87 0.00	35.46 -0.72 0.00	33.01 -1.15 0.00	30.97 -1.31 0.00	28.39 -1.30 0.00	39.48 -1.73 0.00	73.35 -2.80 0.00	53.65 -2.46 0.00	32.80 -1.39 0.00	31.94 -1.34 0.00	27.62 -1.00 0.00	25.79 -0.92 0.00	26.74 -0.73 0.00	24.24 -0.60 0.00	20.71 -0.51 0.00	23.85 -0.87 0.00	30.93 -1.47 0.00	44.99 -2.28 0.00	50.83 -3.48 0.00	40.96 -3.39 0.11	33.27 -3.22 0.00	27.95 -3.14 1.19	27.18 -3.17 2.60
DUNKIRK___1 23563	38.75 -0.80 0.00	35.00 -0.87 0.00	35.46 -0.72 0.00	33.01 -1.15 0.00	30.97 -1.31 0.00	28.39 -1.30 0.00	39.48 -1.73 0.00	73.35 -2.80 0.00	53.65 -2.46 0.00	32.80 -1.39 0.00	31.94 -1.34 0.00	27.62 -1.00 0.00	25.79 -0.92 0.00	26.74 -0.73 0.00	24.24 -0.60 0.00	20.71 -0.51 0.00	23.85 -0.87 0.00	30.93 -1.47 0.00	44.99 -2.28 0.00	50.83 -3.48 0.00	40.96 -3.39 0.11	33.27 -3.22 0.00	27.95 -3.14 1.19	27.18 -3.17 2.60
DUNKIRK___2 23564	38.75 -0.80 0.00	35.00 -0.87 0.00	35.46 -0.72 0.00	33.01 -1.15 0.00	30.97 -1.31 0.00	28.39 -1.30 0.00	39.48 -1.73 0.00	73.35 -2.80 0.00	53.65 -2.46 0.00	32.80 -1.39 0.00	31.94 -1.34 0.00	27.62 -1.00 0.00	25.79 -0.92 0.00	26.74 -0.73 0.00	24.24 -0.60 0.00	20.71 -0.51 0.00	23.85 -0.87 0.00	30.93 -1.47 0.00	44.99 -2.28 0.00	50.83 -3.48 0.00	40.96 -3.39 0.11	33.27 -3.22 0.00	27.95 -3.14 1.19	27.18 -3.17 2.60
DUNKIRK___3 23565	38.57 -0.99 0.00	34.85 -1.02 0.00	35.29 -0.89 0.00	32.87 -1.29 0.00	30.90 -1.38 0.00	28.34 -1.35 0.00	39.31 -1.91 0.00	72.88 -3.26 0.00	53.37 -2.73 0.00	32.64 -1.55 0.00	31.80 -1.48 0.00	27.49 -1.13 0.00	25.65 -1.06 0.00	26.61 -0.86 0.00	24.13 -0.72 0.00	20.61 -0.61 0.00	23.74 -0.97 0.00	30.80 -1.59 0.00	44.77 -2.50 0.00	50.64 -3.67 0.00	40.92 -3.43 0.12	33.31 -3.18 0.00	27.90 -3.08 1.30	27.06 -3.10 2.79
DUNKIRK___4 23566	38.57 -0.99 0.00	34.85 -1.02 0.00	35.29 -0.89 0.00	32.87 -1.29 0.00	30.90 -1.38 0.00	28.34 -1.35 0.00	39.31 -1.91 0.00	72.88 -3.26 0.00	53.37 -2.73 0.00	32.64 -1.55 0.00	31.80 -1.48 0.00	27.49 -1.13 0.00	25.65 -1.06 0.00	26.61 -0.86 0.00	24.13 -0.72 0.00	20.61 -0.61 0.00	23.74 -0.97 0.00	30.80 -1.59 0.00	44.77 -2.50 0.00	50.64 -3.67 0.00	40.92 -3.43 0.12	33.31 -3.18 0.00	27.90 -3.08 1.30	27.06 -3.10 2.79
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.82 1.26 0.00	36.98 1.11 0.00	37.27 1.09 0.00	35.13 0.98 0.00	33.17 0.89 0.00	30.58 0.90 0.00	42.79 1.58 0.00	79.42 3.27 0.00	58.55 2.45 0.00	35.83 1.64 0.00	34.87 1.59 0.00	29.78 1.16 0.00	27.82 1.10 0.00	28.54 1.07 0.00	25.98 1.14 0.00	22.25 1.03 0.00	25.97 1.25 0.00	33.95 1.56 0.00	49.34 2.07 0.00	56.74 2.44 0.00	46.58 2.12 0.00	38.15 1.66 0.00	33.68 1.41 0.00	34.32 1.38 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.63 1.07 0.00	36.80 0.93 0.00	37.10 0.92 0.00	34.98 0.82 0.00	33.03 0.75 0.00	30.45 0.77 0.00	42.60 1.38 0.00	79.05 2.90 0.00	58.22 2.11 0.00	35.50 1.31 0.00	34.46 1.18 0.00	29.44 0.82 0.00	27.48 0.77 0.00	28.21 0.75 0.00	25.67 0.82 0.00	21.99 0.77 0.00	25.68 0.96 0.00	33.61 1.21 0.00	48.97 1.70 0.00	56.36 2.06 0.00	46.22 1.76 0.00	37.84 1.35 0.00	33.43 1.16 0.00	34.07 1.12 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	40.97 1.41 -0.01	37.12 1.24 -0.01	37.42 1.24 -0.01	35.26 1.09 -0.01	33.26 0.98 -0.01	30.66 0.96 -0.01	42.94 1.73 0.00	79.85 3.70 0.00	59.99 2.83 -1.06	36.20 1.80 -0.21	34.99 1.71 0.00	29.88 1.26 0.00	27.91 1.19 0.00	28.64 1.17 0.00	26.07 1.22 -0.01	22.34 1.10 -0.02	26.05 1.33 0.00	33.99 1.59 0.00	49.32 2.05 0.00	56.77 2.47 0.00	46.63 2.17 0.00	38.21 1.72 0.00	33.72 1.44 0.00	34.33 1.39 0.00
E179THST_13_KV_LOAD 356214	41.13 1.57 -0.01	37.27 1.39 -0.01	37.56 1.37 -0.01	35.38 1.22 -0.01	33.38 1.09 -0.01	30.77 1.07 -0.01	43.11 1.89 0.00	80.17 4.02 0.00	60.24 3.07 -1.06	36.35 1.96 -0.21	35.16 1.87 0.00	30.01 1.39 0.00	28.04 1.32 0.00	28.76 1.29 0.00	26.18 1.33 -0.01	22.44 1.20 -0.02	26.17 1.45 0.00	34.14 1.74 0.00	49.55 2.28 0.00	57.03 2.72 0.00	46.83 2.37 0.00	38.38 1.88 0.00	33.86 1.59 0.00	34.47 1.53 0.00
EAST HAMPTON___GT 23717	39.38 -0.18 0.00	35.42 -0.45 0.00	35.82 -0.36 0.00	33.98 -0.18 0.00	31.87 -0.41 0.00	29.90 0.21 0.00	42.37 1.15 0.00	78.47 2.33 0.00	57.86 1.71 -0.04	34.97 0.78 -0.01	34.60 1.31 0.00	29.76 1.14 0.00	27.84 1.12 0.00	28.26 0.79 0.00	26.07 1.22 0.00	22.24 1.02 0.00	26.31 1.60 0.00	34.92 2.52 0.00	50.54 3.27 0.00	58.27 3.97 0.00	47.46 3.00 0.00	39.40 2.91 0.00	34.51 2.24 0.00	34.83 1.89 0.00
EAST RIVER___6 23660	41.01 1.45 0.00	37.15 1.28 0.00	37.44 1.26 0.00	35.26 1.10 0.00	33.28 1.00 0.00	30.70 1.01 0.00	42.97 1.76 0.00	79.84 3.70 0.00	59.81 2.87 -0.84	36.30 1.91 -0.21	35.10 1.82 0.00	29.98 1.36 0.00	28.02 1.30 0.00	28.76 1.28 0.00	26.19 1.34 0.00	22.43 1.20 -0.01	26.15 1.43 0.00	34.13 1.73 0.00	49.55 2.28 0.00	56.95 2.65 0.00	46.79 2.33 0.00	38.28 1.79 0.00	33.80 1.52 0.00	34.47 1.52 0.00
EAST RIVER___7 23524	41.01 1.45 0.00	37.15 1.28 0.00	37.44 1.26 0.00	35.26 1.10 0.00	33.28 1.00 0.00	30.70 1.01 0.00	42.97 1.76 0.00	79.84 3.70 0.00	59.81 2.87 -0.84	36.30 1.91 -0.21	35.10 1.82 0.00	29.98 1.36 0.00	28.02 1.30 0.00	28.76 1.28 0.00	26.19 1.34 0.00	22.43 1.20 -0.01	26.15 1.43 0.00	34.13 1.73 0.00	49.55 2.28 0.00	56.95 2.65 0.00	46.79 2.33 0.00	38.28 1.79 0.00	33.80 1.52 0.00	34.47 1.52 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.74 1.18 0.00	36.91 1.03 0.00	37.19 1.01 0.00	35.05 0.90 0.00	33.09 0.81 0.00	30.52 0.83 0.00	42.71 1.49 0.00	79.27 3.12 0.00	58.48 2.35 -0.03	35.75 1.56 -0.01	34.76 1.48 0.00	29.70 1.07 0.00	27.74 1.02 0.00	28.46 0.99 0.00	25.91 1.06 0.00	22.19 0.97 0.00	25.90 1.18 0.00	33.87 1.47 0.00	49.23 1.97 0.00	56.63 2.33 0.00	46.48 2.02 0.00	38.07 1.58 0.00	33.61 1.34 0.00	34.25 1.30 0.00
EAST_HAMPTON___DIESEL 23722	39.28 -0.28 0.00	35.34 -0.53 0.00	35.74 -0.44 0.00	33.90 -0.26 0.00	31.77 -0.51 0.00	29.82 0.13 0.00	42.27 1.05 0.00	78.32 2.17 0.00	57.74 1.60 -0.04	34.90 0.70 -0.01	34.54 1.26 0.00	29.74 1.12 0.00	27.83 1.11 0.00	28.25 0.78 0.00	26.06 1.22 0.00	22.24 1.01 0.00	26.32 1.60 0.00	34.93 2.53 0.00	50.56 3.29 0.00	58.28 3.97 0.00	47.45 3.00 0.00	39.40 2.90 0.00	34.52 2.24 0.00	34.83 1.89 0.00
EAST_POINT___SOLAR 323840	41.84 2.28 0.00	37.90 2.03 0.00	38.19 2.02 0.00	36.07 1.92 0.00	34.17 1.89 0.00	31.53 1.84 0.00	43.90 2.68 0.00	81.25 5.11 0.00	58.25 2.15 0.00	34.24 0.05 0.00	33.16 -0.12 0.00	28.42 -0.21 0.00	26.50 -0.21 0.00	27.26 -0.21 0.00	24.67 -0.17 0.00	21.02 -0.20 0.00	24.64 -0.07 0.00	33.00 0.61 0.00	49.57 2.30 0.00	57.26 2.96 0.00	46.76 2.30 0.00	38.31 1.82 0.00	33.86 1.59 0.00	34.42 1.48 0.00
EAST_PULASKI___ESR 323781	38.48 -1.08 0.00	34.83 -1.04 0.00	35.17 -1.01 0.00	33.34 -0.81 0.00	31.64 -0.64 0.00	29.16 -0.53 0.00	40.32 -0.89 0.00	74.41 -1.74 0.00	54.45 -1.65 0.00	32.96 -1.22 0.00	31.95 -1.34 0.00	27.47 -1.15 0.00	25.59 -1.12 0.00	26.32 -1.14 0.00	23.82 -1.03 0.00	20.33 -0.89 0.00	23.63 -1.09 0.00	31.14 -1.25 0.00	45.80 -1.47 0.00	52.58 -1.72 0.00	42.80 -1.65 0.00	35.04 -1.46 0.00	31.03 -1.24 0.00	31.70 -1.24 0.00
EAST_RIVER___1 323558	41.00 1.45 0.00	37.15 1.28 0.00	37.44 1.26 0.00	35.25 1.10 0.00	33.28 1.00 0.00	30.70 1.01 0.00	42.97 1.75 0.00	79.88 3.73 0.00	59.79 2.86 -0.82	36.28 1.89 -0.20	35.10 1.81 0.00	29.97 1.35 0.00	28.01 1.29 0.00	28.74 1.27 0.00	26.18 1.33 0.00	22.43 1.20 -0.01	26.14 1.42 0.00	34.11 1.72 0.00	49.54 2.27 0.00	56.95 2.64 0.00	46.78 2.32 0.00	38.28 1.79 0.00	33.80 1.52 0.00	34.44 1.50 0.00
EAST_RIVER___2 323559	41.01 1.45 0.00	37.15 1.28 0.00	37.44 1.26 0.00	35.26 1.10 0.00	33.28 1.00 0.00	30.70 1.01 0.00	42.97 1.76 0.00	79.84 3.70 0.00	59.81 2.87 -0.84	36.30 1.91 -0.21	35.10 1.82 0.00	29.98 1.36 0.00	28.02 1.30 0.00	28.76 1.28 0.00	26.19 1.34 0.00	22.43 1.20 -0.01	26.15 1.43 0.00	34.13 1.73 0.00	49.55 2.28 0.00	56.95 2.65 0.00	46.79 2.33 0.00	38.28 1.79 0.00	33.80 1.52 0.00	34.47 1.52 0.00
EAST___DELAWARE_HYD 23607	41.07 1.51 0.00	37.23 1.36 0.00	37.58 1.40 0.00	35.46 1.30 0.00	33.51 1.23 0.00	30.93 1.24 0.00	43.25 2.03 0.00	80.14 3.99 0.00	58.87 2.76 0.00	35.79 1.61 0.00	34.62 1.34 0.00	29.63 1.01 0.00	27.65 0.93 0.00	28.21 0.74 0.00	25.49 0.65 0.00	21.81 0.58 0.00	25.49 0.77 0.00	33.52 1.13 0.00	48.99 1.72 0.00	56.41 2.11 0.00	46.28 1.82 0.00	37.87 1.38 0.00	33.43 1.16 0.00	34.05 1.11 0.00
EIGHT_POINT___WT_PWR 323820	38.03 -1.52 0.00	34.74 -1.13 0.00	35.01 -1.17 0.00	32.44 -1.72 0.00	30.65 -1.63 0.00	28.33 -1.36 0.00	39.28 -1.94 0.00	73.08 -3.06 0.00	53.67 -2.43 0.00	32.55 -1.64 0.00	31.47 -1.82 0.00	27.08 -1.54 0.00	25.17 -1.54 0.00	25.90 -1.56 0.00	23.27 -1.58 0.00	19.74 -1.49 0.00	22.81 -1.91 0.00	29.90 -2.50 0.00	44.00 -3.27 0.00	49.93 -4.38 0.00	40.90 -4.35 -0.80	32.47 -4.02 0.00	37.57 -3.67 -8.97	44.31 -3.68 -15.05
ELBRIDGE_115KV_TB2 80188	38.65 -0.91 0.00	35.03 -0.84 0.00	35.35 -0.82 0.00	33.36 -0.80 0.00	31.56 -0.72 0.00	29.02 -0.66 0.00	40.19 -1.02 0.00	74.25 -1.90 0.00	54.47 -1.63 0.00	33.08 -1.11 0.00	32.13 -1.15 0.00	27.69 -0.93 0.00	25.82 -0.89 0.00	26.58 -0.89 0.00	24.07 -0.78 0.00	20.53 -0.69 0.00	23.85 -0.87 0.00	31.30 -1.09 0.00	45.82 -1.45 0.00	52.54 -1.76 0.00	42.99 -1.47 0.00	35.21 -1.28 0.00	31.20 -1.07 0.00	31.91 -1.03 0.00
ELEC_TRO_TEK 24086	40.86 1.30 0.00	36.94 1.07 0.00	37.22 1.04 0.00	35.10 0.95 0.00	33.14 0.87 0.00	30.68 0.99 0.00	42.99 1.78 0.00	79.62 3.47 0.00	58.79 2.65 -0.04	35.91 1.72 -0.01	35.06 1.78 0.00	29.88 1.26 0.00	27.84 1.13 0.00	28.50 1.03 0.00	26.01 1.17 0.00	22.28 1.05 0.00	26.04 1.32 0.00	34.18 1.78 0.00	49.57 2.30 0.00	57.07 2.76 0.00	46.84 2.38 0.00	38.45 1.96 0.00	33.86 1.58 0.00	34.40 1.46 0.00

ELLENBURG_WT_PWR 323604	40.24 0.68 0.00	36.83 0.95 0.00	37.12 0.94 0.00	35.09 0.93 0.00	33.14 0.86 0.00	30.28 0.59 0.00	41.68 0.46 0.00	77.32 1.17 0.00	57.58 1.48 0.00	35.20 1.02 0.00	34.34 1.06 0.00	29.69 1.07 0.00	27.70 0.98 0.00	28.48 1.02 0.00	25.60 0.76 0.00	21.82 0.59 0.00	25.38 0.66 0.00	33.15 0.76 0.00	48.35 1.08 0.00	55.67 1.36 0.00	45.49 1.03 0.00	37.35 0.86 0.00	32.81 0.54 0.00	33.26 0.31 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.97 -1.59 0.00	34.41 -1.47 0.00	34.77 -1.41 0.00	32.44 -1.71 0.00	30.69 -1.59 0.00	28.13 -1.56 0.00	38.58 -2.63 0.00	70.86 -5.29 0.00	52.04 -4.06 0.00	31.97 -2.22 0.00	31.35 -1.94 0.00	27.04 -1.59 0.00	25.16 -1.55 0.00	26.11 -1.36 0.00	23.78 -1.07 0.00	20.24 -0.99 0.00	23.34 -1.38 0.00	30.39 -2.01 0.00	43.97 -3.30 0.00	49.70 -4.60 0.00	40.48 -3.82 0.16	33.21 -3.28 0.00	27.36 -3.12 1.80	26.29 -3.02 3.64
EMPIRE_CC_1 323656	40.17 0.62 0.00	36.44 0.57 0.00	36.73 0.54 0.00	34.72 0.56 0.00	32.80 0.52 0.00	30.21 0.52 0.00	42.01 0.79 0.00	77.34 1.19 0.00	56.91 0.81 0.00	34.76 0.57 0.00	33.83 0.55 0.00	28.98 0.36 0.00	27.06 0.34 0.00	27.74 0.27 0.00	25.18 0.33 0.00	21.57 0.34 0.00	25.25 0.53 0.00	33.11 0.72 0.00	48.17 0.90 0.00	55.26 0.95 0.00	45.47 1.01 0.00	37.38 0.89 0.00	33.17 0.89 0.00	33.85 0.91 0.00
EMPIRE_CC_2 323658	40.17 0.62 0.00	36.44 0.57 0.00	36.73 0.54 0.00	34.72 0.56 0.00	32.80 0.52 0.00	30.21 0.52 0.00	42.01 0.79 0.00	77.34 1.19 0.00	56.91 0.81 0.00	34.76 0.57 0.00	33.83 0.55 0.00	28.98 0.36 0.00	27.06 0.34 0.00	27.74 0.27 0.00	25.18 0.33 0.00	21.57 0.34 0.00	25.25 0.53 0.00	33.11 0.72 0.00	48.17 0.90 0.00	55.26 0.95 0.00	45.47 1.01 0.00	37.38 0.89 0.00	33.17 0.89 0.00	33.85 0.91 0.00
ENORWICH_115KV_TB1 80156	40.68 1.12 0.00	36.92 1.04 0.00	37.30 1.12 0.00	35.31 1.15 0.00	33.39 1.11 0.00	30.92 1.22 0.00	43.32 2.10 0.00	80.33 4.18 0.00	58.63 2.53 0.00	35.19 1.00 0.00	33.93 0.65 0.00	29.10 0.48 0.00	27.06 0.35 0.00	27.72 0.25 0.00	24.97 0.13 0.00	21.38 0.16 0.00	24.99 0.27 0.00	33.18 0.79 0.00	48.80 1.54 0.00	55.62 1.31 0.00	45.34 0.84 -0.04	36.76 0.27 0.00	32.81 0.05 -0.49	34.41 -0.07 -1.54
ERIE_ST_34_KV_TB1-2 80199	38.67 -0.89 0.00	35.01 -0.87 0.00	35.38 -0.80 0.00	33.03 -1.13 0.00	31.22 -1.06 0.00	28.61 -1.08 0.00	39.36 -1.86 0.00	72.45 -3.70 0.00	53.23 -2.88 0.00	32.64 -1.55 0.00	31.93 -1.36 0.00	27.52 -1.11 0.00	25.61 -1.10 0.00	26.56 -0.90 0.00	24.16 -0.68 0.00	20.58 -0.64 0.00	23.73 -0.98 0.00	30.93 -1.47 0.00	44.83 -2.44 0.00	50.72 -3.58 0.00	41.38 -2.94 0.13	33.91 -2.58 0.00	28.22 -2.55 1.51	27.32 -2.47 3.16
ERIE_WT_PWR 323693	38.30 -1.26 0.00	34.76 -1.11 0.00	35.16 -1.02 0.00	32.74 -1.42 0.00	30.99 -1.29 0.00	28.39 -1.30 0.00	38.98 -2.24 0.00	71.62 -4.53 0.00	52.55 -3.55 0.00	32.29 -1.89 0.00	31.63 -1.65 0.00	27.27 -1.35 0.00	25.37 -1.34 0.00	26.34 -1.13 0.00	23.96 -0.89 0.00	20.40 -0.82 0.00	23.54 -1.18 0.00	30.66 -1.74 0.00	44.37 -2.90 0.00	50.16 -4.14 0.00	40.85 -3.47 0.14	33.51 -2.99 0.00	27.78 -2.88 1.62	26.84 -2.77 3.34
ESPRGFLD_115KV_TB1 80157	40.85 1.29 0.00	37.04 1.16 0.00	37.36 1.18 0.00	35.28 1.12 0.00	33.40 1.12 0.00	30.77 1.07 0.00	42.73 1.51 0.00	79.13 2.98 0.00	57.94 1.83 0.00	35.08 0.90 0.00	34.15 0.87 0.00	29.38 0.76 0.00	27.39 0.67 0.00	28.18 0.71 0.00	25.48 0.63 0.00	21.69 0.46 0.00	25.17 0.45 0.00	33.11 0.71 0.00	48.61 1.34 0.00	55.70 1.39 0.00	45.39 0.93 0.00	37.14 0.65 0.00	32.81 0.53 0.00	33.39 0.45 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.53 -0.03 0.00	35.80 -0.07 0.00	36.15 -0.03 0.00	34.08 -0.07 0.00	32.25 -0.03 0.00	29.72 0.03 0.00	41.33 0.11 0.00	76.51 0.36 0.00	55.99 -0.11 0.00	33.81 -0.37 0.00	32.63 -0.65 0.00	28.03 -0.60 0.00	26.13 -0.58 0.00	26.88 -0.59 0.00	24.31 -0.54 0.00	20.78 -0.45 0.00	24.17 -0.55 0.00	31.85 -0.55 0.00	46.89 -0.38 0.00	53.84 -0.46 0.00	44.09 -0.44 -0.07	35.99 -0.51 0.00	32.59 -0.47 -0.79	35.50 -0.50 -3.05
ETNA____115KV_TB2 80207	39.53 -0.03 0.00	35.80 -0.07 0.00	36.15 -0.03 0.00	34.08 -0.07 0.00	32.25 -0.03 0.00	29.72 0.03 0.00	41.33 0.11 0.00	76.51 0.36 0.00	55.99 -0.11 0.00	33.81 -0.37 0.00	32.63 -0.65 0.00	28.03 -0.60 0.00	26.13 -0.58 0.00	26.88 -0.59 0.00	24.31 -0.54 0.00	20.78 -0.45 0.00	24.17 -0.55 0.00	31.85 -0.55 0.00	46.89 -0.38 0.00	53.84 -0.46 0.00	44.09 -0.44 -0.07	35.99 -0.51 0.00	32.59 -0.47 -0.79	35.50 -0.50 -3.05
EUCLID____115KV_TB2 356179	38.40 -1.16 0.00	34.80 -1.08 0.00	35.12 -1.06 0.00	33.14 -1.02 0.00	31.34 -0.94 0.00	28.83 -0.86 0.00	39.85 -1.36 0.00	73.63 -2.52 0.00	54.05 -2.05 0.00	32.87 -1.32 0.00	32.00 -1.28 0.00	27.58 -1.04 0.00	25.71 -1.01 0.00	26.47 -1.00 0.00	23.97 -0.87 0.00	20.48 -0.74 0.00	23.77 -0.94 0.00	31.15 -1.25 0.00	45.53 -1.74 0.00	52.19 -2.11 0.00	42.69 -1.76 0.00	35.00 -1.50 0.00	31.06 -1.21 0.00	31.79 -1.16 0.00
E_CANADA_CAP_HY 24051	41.32 1.77 0.00	37.46 1.58 0.00	37.73 1.55 0.00	35.62 1.47 0.00	33.73 1.45 0.00	31.08 1.39 0.00	43.08 1.86 0.00	79.71 3.57 0.00	58.07 1.97 0.00	34.91 0.72 0.00	34.03 0.74 0.00	29.25 0.62 0.00	27.27 0.55 0.00	28.06 0.59 0.00	25.37 0.52 0.00	21.55 0.32 0.00	25.04 0.32 0.00	33.11 0.71 0.00	48.94 1.67 0.00	56.22 1.92 0.00	45.82 1.36 0.00	37.54 1.05 0.00	33.22 0.95 0.00	33.81 0.86 0.00
E_CANADA_MHWK_HY 24050	39.41 -0.15 0.00	35.67 -0.21 0.00	35.91 -0.27 0.00	33.97 -0.19 0.00	32.14 -0.14 0.00	29.71 0.03 0.00	41.74 0.53 0.00	77.06 0.91 0.00	56.00 -0.10 0.00	33.47 -0.72 0.00	32.26 -1.02 0.00	27.59 -1.03 0.00	25.75 -0.96 0.00	26.38 -1.09 0.00	23.92 -0.93 0.00	20.49 -0.73 0.00	24.23 -0.49 0.00	32.20 -0.19 0.00	47.53 0.26 0.00	54.85 0.54 0.00	45.00 0.54 0.00	36.99 0.50 0.00	32.74 0.47 0.00	33.36 0.42 0.00
E_FISHKILL____LBMP 23776	40.50 0.94 0.00	36.71 0.84 0.00	37.00 0.82 0.00	34.90 0.75 0.00	32.95 0.67 0.00	30.37 0.68 0.00	42.48 1.26 0.00	78.74 2.59 0.00	58.02 1.92 0.00	35.43 1.25 0.00	34.47 1.19 0.00	29.48 0.85 0.00	27.53 0.81 0.00	28.25 0.79 0.00	25.70 0.86 0.00	22.01 0.79 0.00	25.69 0.97 0.00	33.62 1.23 0.00	48.91 1.65 0.00	56.25 1.95 0.00	46.17 1.71 0.00	37.83 1.34 0.00	33.42 1.15 0.00	34.08 1.13 0.00
FALCON____SEABRD_CC1 323796	40.87 1.31 0.00	37.55 1.68 0.00	37.89 1.71 0.00	35.85 1.70 0.00	33.80 1.52 0.00	30.72 1.02 0.00	42.11 0.89 0.00	78.28 2.14 0.00	58.50 2.40 0.00	35.88 1.69 0.00	35.01 1.72 0.00	30.39 1.77 0.00	28.34 1.63 0.00	29.11 1.64 0.00	26.20 1.36 0.00	22.33 1.11 0.00	25.99 1.27 0.00	33.80 1.41 0.00	49.30 2.03 0.00	56.70 2.40 0.00	46.41 1.95 0.00	38.07 1.58 0.00	33.40 1.13 0.00	33.77 0.82 0.00

FALCON___SEABRD_CC2 323797	40.87 1.31 0.00	37.55 1.68 0.00	37.89 1.71 0.00	35.85 1.70 0.00	33.80 1.52 0.00	30.72 1.02 0.00	42.11 0.89 0.00	78.28 2.14 0.00	58.50 2.40 0.00	35.88 1.69 0.00	35.01 1.72 0.00	30.39 1.77 0.00	28.34 1.63 0.00	29.11 1.64 0.00	26.20 1.36 0.00	22.33 1.11 0.00	25.99 1.27 0.00	33.80 1.41 0.00	49.30 2.03 0.00	56.70 2.40 0.00	46.41 1.95 0.00	38.07 1.58 0.00	33.40 1.13 0.00	33.77 0.82 0.00
FAR ROCKAWAY___4 23548	41.36 1.80 0.00	37.38 1.51 0.00	37.64 1.46 0.00	35.48 1.33 0.00	33.51 1.23 0.00	31.01 1.32 0.00	43.49 2.27 0.00	80.54 4.40 0.00	59.47 3.33 -0.04	36.31 2.12 -0.01	35.43 2.15 0.00	30.19 1.57 0.00	28.12 1.41 0.00	28.79 1.32 0.00	26.29 1.44 0.00	22.53 1.31 0.00	26.34 1.62 0.00	34.57 2.17 0.00	50.15 2.88 0.00	57.74 3.44 0.00	47.42 2.97 0.00	38.96 2.46 0.00	34.27 2.00 0.00	34.81 1.86 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.04 1.49 0.00	37.19 1.32 0.00	37.47 1.29 0.00	35.29 1.14 0.00	33.31 1.03 0.00	30.73 1.04 0.00	43.00 1.79 0.00	79.94 3.80 0.00	59.87 2.90 -0.87	36.32 1.92 -0.21	35.12 1.84 0.00	29.99 1.37 0.00	28.03 1.31 0.00	28.76 1.29 0.00	26.20 1.34 0.00	22.44 1.21 -0.01	26.15 1.44 0.00	34.14 1.75 0.00	49.57 2.30 0.00	56.99 2.68 0.00	46.80 2.34 0.00	38.31 1.82 0.00	33.82 1.55 0.00	34.46 1.52 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.06 1.50 0.00	37.21 1.34 0.00	37.49 1.31 0.00	35.31 1.15 0.00	33.33 1.05 0.00	30.74 1.05 0.00	43.03 1.82 0.00	79.97 3.83 0.00	59.90 2.93 -0.87	36.33 1.93 -0.21	35.14 1.86 0.00	30.00 1.37 0.00	28.04 1.32 0.00	28.76 1.29 0.00	26.20 1.35 0.00	22.45 1.22 -0.01	26.16 1.44 0.00	34.14 1.75 0.00	49.59 2.32 0.00	57.01 2.71 0.00	46.83 2.37 0.00	38.33 1.84 0.00	33.84 1.57 0.00	34.48 1.53 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.02 1.47 0.00	37.18 1.31 0.00	37.45 1.27 0.00	35.28 1.12 0.00	33.30 1.02 0.00	30.72 1.03 0.00	43.00 1.78 0.00	79.91 3.76 0.00	59.87 2.89 -0.87	36.31 1.91 -0.21	35.12 1.83 0.00	29.98 1.36 0.00	28.02 1.30 0.00	28.75 1.28 0.00	26.19 1.33 0.00	22.43 1.20 -0.01	26.15 1.43 0.00	34.13 1.73 0.00	49.55 2.28 0.00	56.96 2.66 0.00	46.79 2.33 0.00	38.29 1.80 0.00	33.81 1.53 0.00	34.44 1.50 0.00
FARRAGUT___LBMP 323566	41.00 1.45 0.00	37.15 1.28 0.00	37.44 1.26 0.00	35.26 1.10 0.00	33.28 1.00 0.00	30.70 1.01 0.00	42.96 1.74 0.00	79.83 3.68 0.00	59.81 2.84 -0.87	36.27 1.87 -0.21	35.08 1.80 0.00	29.94 1.32 0.00	27.98 1.27 0.00	28.72 1.25 0.00	26.16 1.31 0.00	22.42 1.18 -0.01	26.12 1.40 0.00	34.09 1.70 0.00	49.50 2.23 0.00	56.91 2.61 0.00	46.75 2.30 0.00	38.26 1.77 0.00	33.79 1.51 0.00	34.43 1.48 0.00
FENNER___WINDPWR 24204	39.71 0.15 0.00	35.92 0.05 0.00	36.25 0.07 0.00	34.25 0.10 0.00	32.45 0.17 0.00	29.98 0.30 0.00	41.72 0.50 0.00	77.19 1.05 0.00	56.58 0.48 0.00	34.24 0.05 0.00	33.17 -0.11 0.00	28.49 -0.13 0.00	26.55 -0.16 0.00	27.28 -0.19 0.00	24.68 -0.16 0.00	21.09 -0.13 0.00	24.58 -0.13 0.00	32.38 -0.02 0.00	47.54 0.27 0.00	54.56 0.26 0.00	44.48 0.02 0.00	36.38 -0.11 0.00	32.17 -0.11 0.00	33.11 -0.15 -0.31
FIBERTEK___ENERGY 23856	38.83 -0.72 0.00	35.19 -0.69 0.00	35.52 -0.66 0.00	33.52 -0.64 0.00	31.70 -0.58 0.00	29.17 -0.52 0.00	40.40 -0.82 0.00	74.63 -1.52 0.00	54.75 -1.36 0.00	33.24 -0.94 0.00	32.30 -0.98 0.00	27.84 -0.79 0.00	25.95 -0.76 0.00	26.71 -0.76 0.00	24.18 -0.66 0.00	20.65 -0.57 0.00	23.98 -0.73 0.00	31.48 -0.92 0.00	46.09 -1.18 0.00	52.83 -1.47 0.00	43.21 -1.25 0.00	35.40 -1.10 0.00	31.39 -0.88 0.00	32.11 -0.84 0.00
FITZPATRICK____ 23598	38.02 -1.53 0.00	34.47 -1.40 0.00	34.79 -1.40 0.00	32.84 -1.32 0.00	31.06 -1.22 0.00	28.54 -1.15 0.00	39.42 -1.80 0.00	72.79 -3.35 0.00	53.50 -2.61 0.00	32.58 -1.61 0.00	31.74 -1.54 0.00	27.38 -1.25 0.00	25.53 -1.19 0.00	26.27 -1.20 0.00	23.78 -1.06 0.00	20.31 -0.91 0.00	23.59 -1.13 0.00	30.86 -1.54 0.00	45.06 -2.20 0.00	51.70 -2.60 0.00	42.30 -2.16 0.00	34.71 -1.78 0.00	30.82 -1.45 0.00	31.57 -1.37 0.00
FLOWRFLD_69_KV_BK1 356044	40.58 1.03 0.00	36.61 0.74 0.00	36.90 0.72 0.00	34.89 0.73 0.00	32.95 0.67 0.00	30.66 0.97 0.00	43.15 1.93 0.00	79.52 3.37 0.00	58.68 2.54 -0.04	35.82 1.62 -0.01	35.10 1.82 0.00	29.86 1.24 0.00	27.71 1.00 0.00	28.23 0.76 0.00	25.93 1.08 0.00	22.14 0.91 0.00	26.01 1.29 0.00	34.34 1.94 0.00	49.79 2.52 0.00	57.37 3.07 0.00	47.02 2.57 0.00	38.77 2.28 0.00	34.02 1.74 0.00	34.44 1.50 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.06 1.50 0.00	37.21 1.33 0.00	37.49 1.32 0.00	35.36 1.20 0.00	33.40 1.12 0.00	30.81 1.11 0.00	43.12 1.91 0.00	80.01 3.86 0.00	58.91 2.81 0.00	35.92 1.73 0.00	34.86 1.58 0.00	29.77 1.14 0.00	27.78 1.07 0.00	28.52 1.05 0.00	25.94 1.09 0.00	22.23 1.01 0.00	25.99 1.27 0.00	33.99 1.59 0.00	49.49 2.23 0.00	56.94 2.64 0.00	46.71 2.25 0.00	38.26 1.77 0.00	33.78 1.51 0.00	34.41 1.46 0.00
FORT ORANGE____ 23900	40.72 1.16 0.00	36.92 1.05 0.00	37.22 1.04 0.00	35.17 1.02 0.00	33.24 0.96 0.00	30.62 0.93 0.00	42.76 1.55 0.00	79.03 2.89 0.00	58.04 1.94 0.00	35.25 1.06 0.00	34.18 0.90 0.00	29.25 0.63 0.00	27.31 0.60 0.00	28.05 0.58 0.00	25.43 0.58 0.00	21.77 0.55 0.00	25.46 0.74 0.00	33.48 1.08 0.00	48.92 1.65 0.00	56.26 1.95 0.00	46.16 1.71 0.00	37.90 1.41 0.00	33.53 1.26 0.00	34.19 1.25 0.00
FORT_DRUM_COGEN 23780	39.44 -0.12 0.00	35.53 -0.34 0.00	35.94 -0.24 0.00	34.46 0.31 0.00	32.97 0.69 0.00	30.57 0.88 0.00	42.46 1.25 0.00	78.15 2.01 0.00	56.87 0.77 0.00	34.00 -0.19 0.00	32.59 -0.69 0.00	27.91 -0.72 0.00	25.96 -0.75 0.00	26.67 -0.80 0.00	24.07 -0.77 0.00	20.49 -0.73 0.00	23.86 -0.86 0.00	31.92 -0.48 0.00	47.61 0.34 0.00	54.84 0.53 0.00	44.11 -0.35 0.00	35.80 -0.70 0.00	31.51 -0.76 0.00	31.99 -0.96 0.00
FOX_HILLS___ESR 323835	56.08 1.85 -14.67	55.55 1.66 -18.01	54.96 1.64 -17.14	54.95 1.48 -19.32	54.94 1.34 -21.33	55.16 1.30 -24.17	56.29 2.10 -12.97	81.71 4.19 -1.37	66.77 3.22 -7.45	57.14 2.16 -20.79	56.82 2.07 -21.47	53.20 1.53 -23.05	52.98 1.45 -24.82	52.97 1.44 -24.06	52.94 1.47 -26.63	53.17 1.32 -30.63	58.22 1.63 -31.88	58.95 1.96 -24.60	59.72 2.53 -9.93	102.18 2.92 -44.96	106.48 2.56 -59.46	62.31 2.04 -23.78	56.57 1.76 -22.54	54.14 1.71 -19.48
FPL FAR_ROCK_GT1 24212	41.36 1.80 0.00	37.38 1.51 0.00	37.65 1.47 0.00	35.48 1.32 0.00	33.51 1.23 0.00	31.01 1.32 0.00	43.49 2.27 0.00	80.53 4.38 0.00	59.48 3.34 -0.04	36.32 2.12 -0.01	35.42 2.14 0.00	30.19 1.57 0.00	28.12 1.41 0.00	28.79 1.32 0.00	26.29 1.44 0.00	22.53 1.31 0.00	26.34 1.63 0.00	34.57 2.17 0.00	50.15 2.88 0.00	57.74 3.44 0.00	47.43 2.97 0.00	38.96 2.46 0.00	34.27 1.99 0.00	34.80 1.85 0.00

FPL FAR_ROCK_GT2 23815	41.36 1.80 0.00	37.38 1.51 0.00	37.65 1.47 0.00	35.48 1.32 0.00	33.51 1.23 0.00	31.01 1.32 0.00	43.49 2.27 0.00	80.53 4.38 0.00	59.48 3.34 -0.04	36.32 2.12 -0.01	35.42 2.14 0.00	30.19 1.57 0.00	28.12 1.41 0.00	28.79 1.32 0.00	26.29 1.44 0.00	22.53 1.31 0.00	26.34 1.63 0.00	34.57 2.17 0.00	50.15 2.88 0.00	57.74 3.44 0.00	47.43 2.97 0.00	38.96 2.46 0.00	34.27 1.99 0.00	34.80 1.85 0.00
FRANKLIN_FALL_HYD 24054	40.70 1.14 0.00	37.16 1.28 0.00	37.45 1.27 0.00	35.37 1.21 0.00	33.43 1.15 0.00	30.62 0.93 0.00	42.29 1.08 0.00	78.47 2.32 0.00	58.36 2.26 0.00	35.55 1.36 0.00	34.58 1.30 0.00	29.82 1.20 0.00	27.77 1.05 0.00	28.56 1.09 0.00	25.61 0.77 0.00	21.79 0.56 0.00	25.35 0.64 0.00	33.23 0.83 0.00	48.60 1.34 0.00	56.16 1.85 0.00	45.91 1.45 0.00	37.69 1.20 0.00	33.10 0.83 0.00	33.54 0.60 0.00
FREEPORT_EQUS_GT1 23764	40.99 1.44 0.00	37.03 1.16 0.00	37.31 1.13 0.00	35.20 1.04 0.00	33.23 0.95 0.00	30.78 1.09 0.00	43.17 1.96 0.00	79.92 3.78 0.00	59.02 2.88 -0.04	36.04 1.84 -0.01	35.18 1.90 0.00	29.96 1.34 0.00	27.89 1.17 0.00	28.51 1.04 0.00	26.05 1.20 0.00	22.30 1.08 0.00	26.10 1.39 0.00	34.33 1.93 0.00	49.81 2.54 0.00	57.39 3.09 0.00	47.09 2.64 0.00	38.70 2.21 0.00	34.01 1.74 0.00	34.51 1.57 0.00
FREEPORT___CT2 23818	40.99 1.44 0.00	37.03 1.16 0.00	37.31 1.13 0.00	35.20 1.04 0.00	33.23 0.95 0.00	30.78 1.09 0.00	43.17 1.96 0.00	79.92 3.78 0.00	59.02 2.88 -0.04	36.04 1.84 -0.01	35.18 1.90 0.00	29.96 1.34 0.00	27.89 1.17 0.00	28.51 1.04 0.00	26.05 1.20 0.00	22.30 1.08 0.00	26.10 1.39 0.00	34.33 1.93 0.00	49.81 2.54 0.00	57.39 3.09 0.00	47.09 2.64 0.00	38.70 2.21 0.00	34.01 1.74 0.00	34.51 1.57 0.00
FRESHKLS_33_KV_LOAD 356253	56.07 1.84 -14.67	55.53 1.64 -18.01	54.95 1.63 -17.14	54.95 1.47 -19.32	54.94 1.34 -21.33	55.14 1.28 -24.17	56.26 2.07 -12.97	81.58 4.06 -1.37	66.69 3.14 -7.45	57.11 2.13 -20.79	56.79 2.03 -21.47	53.15 1.48 -23.05	52.93 1.39 -24.82	52.90 1.38 -24.06	52.90 1.42 -26.63	53.13 1.28 -30.63	58.19 1.60 -31.88	58.92 1.92 -24.60	59.67 2.48 -9.93	102.12 2.85 -44.96	106.44 2.53 -59.46	62.29 2.02 -23.78	56.55 1.74 -22.54	54.14 1.71 -19.48
FULTON COGEN____ 23766	38.23 -1.33 0.00	34.64 -1.23 0.00	34.97 -1.21 0.00	33.02 -1.14 0.00	31.23 -1.06 0.00	28.73 -0.97 0.00	39.72 -1.50 0.00	73.36 -2.79 0.00	53.82 -2.28 0.00	32.71 -1.48 0.00	31.80 -1.48 0.00	27.41 -1.22 0.00	25.54 -1.17 0.00	26.28 -1.19 0.00	23.80 -1.05 0.00	20.33 -0.89 0.00	23.62 -1.10 0.00	30.98 -1.42 0.00	45.34 -1.93 0.00	51.99 -2.31 0.00	42.54 -1.92 0.00	34.87 -1.62 0.00	30.96 -1.31 0.00	31.69 -1.26 0.00
FULTON___LFGE 323630	41.48 1.93 0.00	37.59 1.71 0.00	37.87 1.69 0.00	35.77 1.61 0.00	33.86 1.58 0.00	31.23 1.54 0.00	43.46 2.25 0.00	80.41 4.26 0.00	58.23 2.13 0.00	34.61 0.42 0.00	33.58 0.30 0.00	28.78 0.16 0.00	26.84 0.13 0.00	27.58 0.11 0.00	24.98 0.13 0.00	21.25 0.02 0.00	24.81 0.09 0.00	33.10 0.70 0.00	49.33 2.06 0.00	56.91 2.60 0.00	46.51 2.05 0.00	38.13 1.64 0.00	33.69 1.42 0.00	34.27 1.32 0.00
G.F.CEMENT___DRP 24184	41.44 1.88 0.00	37.51 1.64 0.00	37.84 1.67 0.00	35.83 1.67 0.00	33.85 1.57 0.00	31.28 1.59 0.00	43.88 2.66 0.00	80.98 4.83 0.00	59.18 3.08 0.00	35.64 1.46 0.00	34.74 1.46 0.00	29.90 1.28 0.00	27.84 1.12 0.00	28.54 1.07 0.00	25.81 0.96 0.00	22.18 0.96 0.00	26.02 1.30 0.00	34.32 1.93 0.00	50.29 3.02 0.00	57.80 3.49 0.00	47.47 3.02 0.00	39.04 2.54 0.00	34.46 2.19 0.00	35.19 2.25 0.00
GARDENVILLE___LBMP 24039	38.17 -1.39 0.00	34.57 -1.30 0.00	34.94 -1.24 0.00	32.61 -1.55 0.00	30.83 -1.45 0.00	28.26 -1.44 0.00	38.79 -2.42 0.00	71.30 -4.84 0.00	52.35 -3.75 0.00	32.15 -2.04 0.00	31.49 -1.79 0.00	27.16 -1.46 0.00	25.28 -1.43 0.00	26.24 -1.23 0.00	23.88 -0.97 0.00	20.33 -0.90 0.00	23.44 -1.28 0.00	30.52 -1.88 0.00	44.18 -3.08 0.00	49.95 -4.35 0.00	40.68 -3.63 0.15	33.35 -3.14 0.00	27.56 -3.01 1.70	26.54 -2.92 3.48
GARDNVLA_35_KV_LD 355827	38.40 -1.15 0.00	34.81 -1.07 0.00	35.17 -1.01 0.00	32.81 -1.34 0.00	31.05 -1.23 0.00	28.46 -1.23 0.00	39.07 -2.15 0.00	71.77 -4.38 0.00	52.70 -3.40 0.00	32.38 -1.81 0.00	31.72 -1.56 0.00	27.34 -1.28 0.00	25.45 -1.26 0.00	26.42 -1.05 0.00	24.04 -0.80 0.00	20.47 -0.76 0.00	23.61 -1.11 0.00	30.75 -1.64 0.00	44.52 -2.75 0.00	50.30 -4.01 0.00	41.01 -3.31 0.14	33.62 -2.87 0.00	27.91 -2.78 1.58	26.98 -2.70 3.27
GELCKHM___115KV_LOAD 80723	38.54 -1.02 0.00	34.93 -0.95 0.00	35.25 -0.93 0.00	33.27 -0.89 0.00	31.47 -0.81 0.00	28.95 -0.74 0.00	40.04 -1.18 0.00	73.96 -2.19 0.00	54.28 -1.82 0.00	33.00 -1.19 0.00	32.09 -1.19 0.00	27.66 -0.97 0.00	25.78 -0.93 0.00	26.54 -0.93 0.00	24.04 -0.81 0.00	20.52 -0.69 0.00	23.84 -0.88 0.00	31.24 -1.15 0.00	45.71 -1.56 0.00	52.41 -1.90 0.00	42.86 -1.59 0.00	35.13 -1.36 0.00	31.17 -1.11 0.00	31.89 -1.05 0.00
GENERAL___MILLS 23808	38.30 -1.26 0.00	34.70 -1.17 0.00	35.08 -1.10 0.00	32.73 -1.43 0.00	30.96 -1.33 0.00	28.37 -1.32 0.00	38.95 -2.27 0.00	71.56 -4.59 0.00	52.53 -3.57 0.00	32.27 -1.92 0.00	31.61 -1.67 0.00	27.26 -1.37 0.00	25.37 -1.34 0.00	26.33 -1.14 0.00	23.96 -0.88 0.00	20.39 -0.83 0.00	23.53 -1.19 0.00	30.64 -1.76 0.00	44.36 -2.91 0.00	50.13 -4.17 0.00	40.85 -3.46 0.14	33.49 -3.00 0.00	27.76 -2.90 1.62	26.81 -2.80 3.34
GE_PLASTICS___DRP 24183	40.37 0.81 0.00	36.61 0.73 0.00	36.91 0.73 0.00	34.89 0.73 0.00	32.95 0.67 0.00	30.33 0.64 0.00	42.25 1.03 0.00	77.96 1.82 0.00	57.34 1.24 0.00	34.94 0.75 0.00	33.96 0.68 0.00	29.11 0.49 0.00	27.20 0.48 0.00	27.93 0.46 0.00	25.33 0.48 0.00	21.67 0.44 0.00	25.33 0.61 0.00	33.27 0.87 0.00	48.51 1.24 0.00	55.73 1.43 0.00	45.73 1.27 0.00	37.55 1.06 0.00	33.22 0.95 0.00	33.89 0.94 0.00
GILBOA___1 23756	40.04 0.48 0.00	36.30 0.43 0.00	36.62 0.44 0.00	34.67 0.51 0.00	32.72 0.44 0.00	30.07 0.37 0.00	41.89 0.67 0.00	77.32 1.18 0.00	56.92 0.82 0.00	34.75 0.56 0.00	33.81 0.52 0.00	29.00 0.37 0.00	27.16 0.45 0.00	27.90 0.43 0.00	25.31 0.46 0.00	21.58 0.36 0.00	25.19 0.47 0.00	33.03 0.63 0.00	48.14 0.87 0.00	55.27 0.97 0.00	45.29 0.83 0.00	37.19 0.70 0.00	32.89 0.61 0.00	33.55 0.60 0.00
GILBOA___2 23757	40.04 0.48 0.00	36.30 0.43 0.00	36.62 0.44 0.00	34.67 0.51 0.00	32.72 0.44 0.00	30.07 0.37 0.00	41.89 0.67 0.00	77.32 1.18 0.00	56.92 0.82 0.00	34.75 0.56 0.00	33.81 0.52 0.00	29.00 0.37 0.00	27.16 0.45 0.00	27.90 0.43 0.00	25.31 0.46 0.00	21.58 0.36 0.00	25.19 0.47 0.00	33.03 0.63 0.00	48.14 0.87 0.00	55.27 0.97 0.00	45.29 0.83 0.00	37.19 0.70 0.00	32.89 0.61 0.00	33.55 0.60 0.00

GILBOA___3 23758	40.04 0.48 0.00	36.30 0.43 0.00	36.62 0.44 0.00	34.67 0.51 0.00	32.72 0.44 0.00	30.07 0.37 0.00	41.89 0.67 0.00	77.32 1.18 0.00	56.92 0.82 0.00	34.75 0.56 0.00	33.81 0.52 0.00	29.00 0.37 0.00	27.16 0.45 0.00	27.90 0.43 0.00	25.31 0.46 0.00	21.58 0.36 0.00	25.19 0.47 0.00	33.03 0.63 0.00	48.14 0.87 0.00	55.27 0.97 0.00	45.29 0.83 0.00	37.19 0.70 0.00	32.89 0.61 0.00	33.55 0.60 0.00
GILBOA___4 23759	40.04 0.48 0.00	36.30 0.43 0.00	36.62 0.44 0.00	34.67 0.51 0.00	32.72 0.44 0.00	30.07 0.37 0.00	41.89 0.67 0.00	77.32 1.18 0.00	56.92 0.82 0.00	34.75 0.56 0.00	33.81 0.52 0.00	29.00 0.37 0.00	27.16 0.45 0.00	27.90 0.43 0.00	25.31 0.46 0.00	21.58 0.36 0.00	25.19 0.47 0.00	33.03 0.63 0.00	48.14 0.87 0.00	55.27 0.97 0.00	45.29 0.83 0.00	37.19 0.70 0.00	32.89 0.61 0.00	33.55 0.60 0.00
GILBOA___ 23599	40.04 0.48 0.00	36.30 0.42 0.00	36.62 0.44 0.00	34.67 0.51 0.00	32.72 0.44 0.00	30.07 0.37 0.00	41.89 0.67 0.00	77.32 1.18 0.00	56.92 0.82 0.00	34.75 0.56 0.00	33.81 0.52 0.00	29.00 0.37 0.00	27.16 0.45 0.00	27.89 0.43 0.00	25.31 0.46 0.00	21.58 0.36 0.00	25.19 0.47 0.00	33.03 0.63 0.00	48.14 0.87 0.00	55.28 0.97 0.00	45.29 0.84 0.00	37.20 0.70 0.00	32.89 0.61 0.00	33.55 0.61 0.00
GINNA___ 23603	36.65 -2.91 0.00	33.22 -2.65 0.00	33.54 -2.64 0.00	31.51 -2.65 0.00	29.85 -2.42 0.00	27.46 -2.23 0.00	37.86 -3.36 0.00	69.10 -7.04 0.00	50.61 -5.49 0.00	30.65 -3.54 0.00	30.00 -3.28 0.00	25.80 -2.83 0.00	24.00 -2.71 0.00	24.74 -2.73 0.00	22.52 -2.33 0.00	19.40 -1.83 0.00	22.46 -2.25 0.00	29.56 -2.84 0.00	43.15 -4.11 0.00	49.21 -5.09 0.00	40.25 -4.21 0.00	32.93 -3.56 0.00	29.08 -3.20 0.00	29.56 -3.15 0.23
GLEN PARK___ 23778	39.57 0.01 0.00	35.66 -0.21 0.00	36.07 -0.11 0.00	34.57 0.41 0.00	33.07 0.79 0.00	30.67 0.98 0.00	42.63 1.42 0.00	78.47 2.32 0.00	57.03 0.93 0.00	34.00 -0.19 0.00	32.54 -0.75 0.00	27.84 -0.78 0.00	25.89 -0.82 0.00	26.60 -0.87 0.00	24.02 -0.83 0.00	20.45 -0.78 0.00	23.80 -0.91 0.00	31.89 -0.50 0.00	47.72 0.45 0.00	55.04 0.74 0.00	44.30 -0.16 0.00	35.94 -0.55 0.00	31.64 -0.63 0.00	32.11 -0.83 0.00
GLENDALE_27_KV_LOAD 356172	41.33 1.77 -0.01	37.46 1.57 -0.01	37.73 1.55 -0.01	35.54 1.37 -0.01	33.54 1.26 -0.01	31.47 1.25 -0.53	43.27 2.05 0.00	80.40 4.25 0.00	60.40 3.24 -1.06	36.59 2.14 -0.26	35.35 2.07 0.00	30.19 1.57 0.00	28.20 1.49 0.00	28.94 1.46 0.00	26.35 1.49 -0.01	22.58 1.34 -0.02	26.33 1.61 0.00	34.36 1.96 0.00	49.80 2.53 0.00	57.25 2.95 0.00	47.02 2.56 0.00	38.52 2.03 0.00	34.00 1.73 0.00	34.63 1.69 0.00
GLENWOOD_IC_1_G5 23712	41.00 1.44 0.00	37.07 1.20 0.00	37.34 1.16 0.00	35.22 1.07 0.00	33.26 0.98 0.00	30.79 1.09 0.00	43.17 1.95 0.00	79.95 3.80 0.00	59.05 2.91 -0.04	36.08 1.89 -0.01	35.22 1.94 0.00	30.01 1.39 0.00	27.96 1.24 0.00	28.59 1.13 0.00	26.12 1.27 0.00	22.36 1.14 0.00	26.15 1.43 0.00	34.35 1.96 0.00	49.83 2.56 0.00	57.39 3.08 0.00	47.06 2.60 0.00	38.64 2.15 0.00	34.00 1.73 0.00	34.53 1.58 0.00
GLENWOOD_IC_2_G1 23688	40.94 1.38 0.00	37.01 1.14 0.00	37.29 1.12 0.00	35.18 1.02 0.00	33.21 0.93 0.00	30.74 1.04 0.00	43.08 1.86 0.00	79.78 3.63 0.00	58.92 2.77 -0.04	36.00 1.80 -0.01	35.13 1.85 0.00	29.94 1.32 0.00	27.90 1.19 0.00	28.55 1.08 0.00	26.07 1.22 0.00	22.32 1.09 0.00	26.09 1.37 0.00	34.25 1.86 0.00	49.71 2.44 0.00	57.21 2.91 0.00	46.96 2.50 0.00	38.54 2.05 0.00	33.93 1.65 0.00	34.46 1.52 0.00
GLENWOOD_IC_3_G1 23689	40.94 1.38 0.00	37.01 1.14 0.00	37.29 1.12 0.00	35.18 1.02 0.00	33.21 0.93 0.00	30.74 1.04 0.00	43.08 1.86 0.00	79.78 3.63 0.00	58.92 2.77 -0.04	36.00 1.80 -0.01	35.13 1.85 0.00	29.94 1.32 0.00	27.90 1.19 0.00	28.55 1.08 0.00	26.07 1.22 0.00	22.32 1.09 0.00	26.09 1.37 0.00	34.25 1.86 0.00	49.71 2.44 0.00	57.21 2.91 0.00	46.96 2.50 0.00	38.54 2.05 0.00	33.93 1.65 0.00	34.46 1.52 0.00
GLENWOOD___4 23550	41.00 1.44 0.00	37.07 1.20 0.00	37.34 1.16 0.00	35.22 1.07 0.00	33.26 0.98 0.00	30.79 1.09 0.00	43.17 1.95 0.00	79.95 3.80 0.00	59.05 2.91 -0.04	36.08 1.89 -0.01	35.22 1.94 0.00	30.01 1.39 0.00	27.96 1.24 0.00	28.59 1.13 0.00	26.12 1.27 0.00	22.36 1.14 0.00	26.15 1.43 0.00	34.35 1.96 0.00	49.83 2.56 0.00	57.39 3.08 0.00	47.06 2.60 0.00	38.64 2.15 0.00	34.00 1.73 0.00	34.53 1.58 0.00
GLENWOOD___5 23614	41.00 1.44 0.00	37.07 1.20 0.00	37.34 1.16 0.00	35.22 1.07 0.00	33.26 0.98 0.00	30.79 1.09 0.00	43.17 1.95 0.00	79.95 3.80 0.00	59.05 2.91 -0.04	36.08 1.89 -0.01	35.22 1.94 0.00	30.01 1.39 0.00	27.96 1.24 0.00	28.59 1.13 0.00	26.12 1.27 0.00	22.36 1.14 0.00	26.15 1.43 0.00	34.35 1.96 0.00	49.83 2.56 0.00	57.39 3.08 0.00	47.06 2.60 0.00	38.64 2.15 0.00	34.00 1.73 0.00	34.53 1.58 0.00
GLOBAL GREEN_PORT_GT1 23814	39.74 0.18 0.00	35.78 -0.10 0.00	36.14 -0.04 0.00	34.28 0.12 0.00	32.19 -0.09 0.00	30.19 0.50 0.00	42.75 1.54 0.00	79.03 2.88 0.00	58.29 2.15 -0.04	35.29 1.09 -0.01	34.81 1.53 0.00	29.86 1.23 0.00	27.85 1.14 0.00	28.28 0.81 0.00	26.08 1.23 0.00	22.24 1.01 0.00	26.28 1.56 0.00	34.85 2.45 0.00	50.44 3.17 0.00	58.17 3.87 0.00	47.44 2.98 0.00	39.37 2.88 0.00	34.47 2.20 0.00	34.79 1.85 0.00
GLOBE___DSASP 323697	36.74 -2.82 0.00	33.32 -2.56 0.00	33.65 -2.53 0.00	31.41 -2.74 0.00	29.74 -2.54 0.00	27.24 -2.45 0.00	37.19 -4.02 0.00	67.98 -8.17 0.00	49.95 -6.15 0.00	30.82 -3.37 0.00	30.30 -2.98 0.00	26.16 -2.46 0.00	24.33 -2.38 0.00	25.25 -2.22 0.00	23.03 -1.82 0.00	19.59 -1.63 0.00	22.58 -2.13 0.00	29.37 -3.03 0.00	42.40 -4.87 0.00	47.85 -6.45 0.00	39.02 -5.25 0.18	32.11 -4.38 0.00	26.15 -4.03 2.09	24.91 -3.90 4.14
GOETHSLN___LBMP 323567	40.84 1.28 0.00	37.00 1.13 0.00	37.29 1.11 0.00	35.11 0.95 0.00	33.13 0.86 0.00	30.57 0.88 0.00	42.78 1.56 0.00	79.53 3.39 0.00	59.57 2.59 -0.87	36.12 1.72 -0.21	34.92 1.63 0.00	29.82 1.20 0.00	27.88 1.16 0.00	28.61 1.14 0.00	26.07 1.22 0.00	22.35 1.11 -0.01	26.03 1.31 0.00	33.94 1.54 0.00	49.31 2.04 0.00	56.71 2.41 0.00	46.58 2.12 0.00	38.10 1.61 0.00	33.65 1.38 0.00	34.28 1.34 0.00
GOLAH___69_KV_TB 1_2 80279	38.42 -1.14 0.00	34.81 -1.06 0.00	35.17 -1.01 0.00	33.04 -1.12 0.00	31.27 -1.01 0.00	28.71 -0.99 0.00	39.53 -1.68 0.00	72.86 -3.29 0.00	53.40 -2.71 0.00	32.46 -1.73 0.00	31.65 -1.63 0.00	27.23 -1.40 0.00	25.31 -1.40 0.00	26.16 -1.31 0.00	23.77 -1.08 0.00	20.25 -0.97 0.00	23.43 -1.28 0.00	30.72 -1.68 0.00	44.82 -2.44 0.00	51.15 -3.15 0.00	41.85 -2.57 0.04	34.26 -2.24 0.00	29.72 -2.10 0.46	29.83 -2.02 1.09

GOODYEAR_LAKE_HYD 323669	40.52 0.96 0.00	36.73 0.86 0.00	37.07 0.88 0.00	35.02 0.86 0.00	33.12 0.84 0.00	30.51 0.82 0.00	42.50 1.28 0.00	78.67 2.52 0.00	57.75 1.65 0.00	35.09 0.90 0.00	34.10 0.82 0.00	29.26 0.64 0.00	27.33 0.62 0.00	28.08 0.61 0.00	25.43 0.58 0.00	21.69 0.47 0.00	25.26 0.55 0.00	33.19 0.79 0.00	48.50 1.24 0.00	55.58 1.27 0.00	45.42 0.96 0.00	37.20 0.70 0.00	32.85 0.58 0.00	33.47 0.53 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.04 -0.51 0.00	35.34 -0.53 0.00	35.72 -0.46 0.00	33.63 -0.53 0.00	31.78 -0.50 0.00	29.27 -0.42 0.00	40.70 -0.52 0.00	75.39 -0.76 0.00	55.28 -0.82 0.00	33.62 -0.57 0.00	32.59 -0.69 0.00	28.06 -0.57 0.00	26.19 -0.52 0.00	27.01 -0.46 0.00	24.43 -0.41 0.00	20.89 -0.33 0.00	24.26 -0.46 0.00	31.73 -0.67 0.00	46.39 -0.88 0.00	53.07 -1.23 0.00	43.44 -1.02 0.00	35.51 -0.98 0.00	31.39 -0.89 0.00	31.78 -0.94 0.23
GOUDEY___7 23579	39.04 -0.51 0.00	35.34 -0.53 0.00	35.72 -0.46 0.00	33.63 -0.53 0.00	31.78 -0.50 0.00	29.27 -0.42 0.00	40.70 -0.52 0.00	75.39 -0.76 0.00	55.28 -0.82 0.00	33.62 -0.57 0.00	32.59 -0.69 0.00	28.06 -0.57 0.00	26.19 -0.52 0.00	27.01 -0.46 0.00	24.43 -0.41 0.00	20.89 -0.33 0.00	24.26 -0.46 0.00	31.73 -0.67 0.00	46.39 -0.88 0.00	53.07 -1.23 0.00	43.44 -1.02 0.00	35.51 -0.98 0.00	31.39 -0.89 0.00	31.78 -0.94 0.23
GOUDEY___8 23580	39.04 -0.51 0.00	35.34 -0.53 0.00	35.72 -0.46 0.00	33.63 -0.53 0.00	31.78 -0.50 0.00	29.27 -0.42 0.00	40.70 -0.52 0.00	75.39 -0.76 0.00	55.28 -0.82 0.00	33.62 -0.57 0.00	32.59 -0.69 0.00	28.06 -0.57 0.00	26.19 -0.52 0.00	27.01 -0.46 0.00	24.43 -0.41 0.00	20.89 -0.33 0.00	24.26 -0.46 0.00	31.73 -0.67 0.00	46.39 -0.88 0.00	53.07 -1.23 0.00	43.44 -1.02 0.00	35.51 -0.98 0.00	31.39 -0.89 0.00	31.78 -0.94 0.23
GOWANUS_GT1_1 24077	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.67 -31.88	59.02 2.03 -24.60	59.82 2.63 -9.93	102.32 3.06 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48
GOWANUS_GT1_2 24078	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.67 -31.88	59.02 2.03 -24.60	59.82 2.63 -9.93	102.32 3.06 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48
GOWANUS_GT1_3 24079	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.67 -31.88	59.02 2.03 -24.60	59.82 2.63 -9.93	102.32 3.06 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48
GOWANUS_GT1_4 24080	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.67 -31.88	59.02 2.03 -24.60	59.82 2.63 -9.93	102.32 3.06 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48
GOWANUS_GT1_5 24084	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.67 -31.88	59.02 2.03 -24.60	59.82 2.63 -9.93	102.32 3.06 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48
GOWANUS_GT1_6 24111	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.67 -31.88	59.02 2.03 -24.60	59.82 2.63 -9.93	102.32 3.06 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48
GOWANUS_GT1_7 24112	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.67 -31.88	59.02 2.03 -24.60	59.82 2.63 -9.93	102.32 3.06 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48
GOWANUS_GT1_8 24113	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.67 -31.88	59.02 2.03 -24.60	59.82 2.63 -9.93	102.32 3.06 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48
GOWANUS_GT2_1 24114	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
GOWANUS_GT2_2 24115	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
GOWANUS_GT2_3 24116	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48

GOWANUS_GT2_4 24117	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
GOWANUS_GT2_5 24118	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
GOWANUS_GT2_6 24119	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
GOWANUS_GT2_7 24120	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
GOWANUS_GT2_8 24121	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
GOWANUS_GT3_1 24122	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.12 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.67 -31.88	59.02 2.03 -24.60	59.82 2.63 -9.93	102.32 3.06 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
GOWANUS_GT3_2 24123	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.12 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.67 -31.88	59.02 2.03 -24.60	59.82 2.63 -9.93	102.32 3.06 -44.96	106.5			

GOWANUS_GT4_3 24132	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.14 -21.47	53.27 1.60 -23.05	53.06 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.84 2.64 -9.93	102.33 3.07 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48
GOWANUS_GT4_4 24133	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.14 -21.47	53.27 1.60 -23.05	53.06 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.84 2.64 -9.93	102.33 3.07 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48
GOWANUS_GT4_5 24134	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.14 -21.47	53.27 1.60 -23.05	53.06 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.84 2.64 -9.93	102.33 3.07 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48
GOWANUS_GT4_6 24135	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.14 -21.47	53.27 1.60 -23.05	53.06 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.84 2.64 -9.93	102.33 3.07 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48
GOWANUS_GT4_7 24136	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.14 -21.47	53.27 1.60 -23.05	53.06 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.84 2.64 -9.93	102.33 3.07 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48
GOWANUS_GT4_8 24137	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.14 -21.47	53.27 1.60 -23.05	53.06 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.84 2.64 -9.93	102.33 3.07 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48
GREENBSH_115KV_TB3 55895	40.52 0.96 0.00	36.74 0.87 0.00	37.03 0.85 0.00	35.00 0.84 0.00	33.07 0.79 0.00	30.45 0.76 0.00	42.46 1.24 0.00	78.35 2.20 0.00	57.61 1.51 0.00	35.10 0.91 0.00	34.10 0.82 0.00	29.21 0.59 0.00	27.27 0.56 0.00	27.99 0.52 0.00	25.39 0.55 0.00	21.74 0.52 0.00	25.43 0.72 0.00	33.41 1.01 0.00	48.70 1.43 0.00	55.94 1.64 0.00	45.91 1.46 0.00	37.71 1.22 0.00	33.37 1.10 0.00	34.05 1.10 0.00
GREENDGE_115KV_TB5 80291	38.85 -0.71 0.00	35.19 -0.69 0.00	35.54 -0.64 0.00	33.37 -0.79 0.00	31.58 -0.70 0.00	29.13 -0.55 0.00	40.46 -0.75 0.00	74.68 -1.47 0.00	54.64 -1.46 0.00	33.09 -1.10 0.00	31.91 -1.37 0.00	27.45 -1.17 0.00	25.53 -1.19 0.00	26.31 -1.15 0.00	23.78 -1.06 0.00	20.28 -0.94 0.00	23.51 -1.21 0.00	30.94 -1.46 0.00	45.60 -1.67 0.00	52.18 -2.12 0.00	42.89 -1.90 -0.34	34.71 -1.79 0.00	34.43 -1.66 -3.82	36.82 -1.71 -5.58
GREENIDGE___3 23582	38.85 -0.71 0.00	35.19 -0.69 0.00	35.54 -0.64 0.00	33.37 -0.79 0.00	31.58 -0.70 0.00	29.13 -0.55 0.00	40.46 -0.75 0.00	74.68 -1.47 0.00	54.64 -1.46 0.00	33.09 -1.10 0.00	31.91 -1.37 0.00	27.45 -1.17 0.00	25.53 -1.19 0.00	26.31 -1.15 0.00	23.78 -1.06 0.00	20.28 -0.94 0.00	23.51 -1.21 0.00	30.94 -1.46 0.00	45.60 -1.67 0.00	52.18 -2.12 0.00	42.89 -1.90 -0.34	34.71 -1.79 0.00	34.43 -1.66 -3.82	36.82 -1.71 -5.58
GREENIDGE___4 23583	38.85 -0.71 0.00	35.20 -0.68 0.00	35.56 -0.62 0.00	33.37 -0.79 0.00	31.58 -0.70 0.00	29.13 -0.56 0.00	40.46 -0.75 0.00	74.68 -1.46 0.00	54.64 -1.46 0.00	33.09 -1.10 0.00	31.91 -1.37 0.00	27.45 -1.17 0.00	25.53 -1.19 0.00	26.31 -1.15 0.00	23.78 -1.07 0.00	20.28 -0.94 0.00	23.51 -1.20 0.00	30.94 -1.46 0.00	45.59 -1.68 0.00	52.18 -2.12 0.00	42.89 -1.91 -0.34	34.70 -1.79 0.00	34.44 -1.65 -3.82	36.83 -1.70 -5.58
GREENLWN_69_KV_BK 3 55738	40.64 1.08 0.00	36.67 0.80 0.00	37.00 0.82 0.00	34.92 0.77 0.00	33.00 0.72 0.00	30.54 0.85 0.00	42.85 1.64 0.00	78.87 2.73 0.00	58.31 2.16 -0.04	35.68 1.48 -0.01	35.07 1.79 0.00	29.80 1.18 0.00	27.73 1.02 0.00	28.31 0.84 0.00	25.92 1.08 0.00	22.16 0.94 0.00	25.98 1.26 0.00	34.31 1.92 0.00	49.88 2.62 0.00	57.41 3.10 0.00	47.05 2.59 0.00	38.50 2.01 0.00	33.81 1.53 0.00	34.31 1.37 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.14 -21.47	53.27 1.60 -23.05	53.06 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.84 2.64 -9.93	102.33 3.07 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48
GRISSOM___SOLAR 323813	41.41 1.85 0.00	37.53 1.66 0.00	37.82 1.64 0.00	35.72 1.56 0.00	33.80 1.52 0.00	31.17 1.48 0.00	43.42 2.20 0.00	80.31 4.16 0.00	58.07 1.97 0.00	34.42 0.24 0.00	33.42 0.14 0.00	28.63 0.01 0.00	26.71 -0.01 0.00	27.44 -0.03 0.00	24.87 0.02 0.00	21.13 -0.09 0.00	24.70 -0.02 0.00	33.01 0.62 0.00	49.29 2.02 0.00	56.93 2.62 0.00	46.57 2.12 0.00	38.17 1.68 0.00	33.74 1.47 0.00	34.33 1.39 0.00
GROVEVILLE___HYD 323602	41.06 1.50 0.00	37.21 1.33 0.00	37.49 1.32 0.00	35.36 1.20 0.00	33.40 1.12 0.00	30.81 1.11 0.00	43.12 1.91 0.00	80.01 3.86 0.00	58.91 2.81 0.00	35.92 1.73 0.00	34.86 1.58 0.00	29.77 1.14 0.00	27.78 1.07 0.00	28.52 1.05 0.00	25.94 1.09 0.00	22.23 1.01 0.00	25.99 1.27 0.00	33.99 1.59 0.00	49.49 2.23 0.00	56.94 2.64 0.00	46.71 2.25 0.00	38.26 1.77 0.00	33.78 1.51 0.00	34.41 1.46 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.83 -0.72 0.00	35.19 -0.69 0.00	35.52 -0.66 0.00	33.52 -0.64 0.00	31.70 -0.58 0.00	29.17 -0.52 0.00	40.40 -0.82 0.00	74.63 -1.52 0.00	54.75 -1.36 0.00	33.24 -0.94 0.00	32.30 -0.98 0.00	27.84 -0.79 0.00	25.95 -0.76 0.00	26.71 -0.76 0.00	24.18 -0.66 0.00	20.65 -0.57 0.00	23.98 -0.73 0.00	31.48 -0.92 0.00	46.09 -1.18 0.00	52.83 -1.47 0.00	43.21 -1.25 0.00	35.40 -1.10 0.00	31.39 -0.88 0.00	32.11 -0.84 0.00

HAMLTNNY_34_KV_TB 80303	38.89 -0.66 0.00	35.24 -0.63 0.00	35.58 -0.60 0.00	33.57 -0.59 0.00	31.76 -0.52 0.00	29.23 -0.46 0.00	40.49 -0.73 0.00	74.84 -1.31 0.00	54.85 -1.25 0.00	33.26 -0.93 0.00	32.23 -1.05 0.00	27.80 -0.82 0.00	25.89 -0.82 0.00	26.66 -0.81 0.00	24.16 -0.69 0.00	20.63 -0.60 0.00	23.97 -0.75 0.00	31.49 -0.91 0.00	46.14 -1.13 0.00	52.90 -1.41 0.00	43.26 -1.20 0.00	35.41 -1.09 0.00	31.37 -0.90 0.00	32.09 -0.86 0.00
HAMPSHIRE___PAPER_HYD 323593	39.67 0.11 0.00	35.89 0.02 0.00	36.24 0.06 0.00	34.47 0.31 0.00	32.74 0.46 0.00	30.22 0.53 0.00	41.91 0.70 0.00	77.31 1.17 0.00	56.86 0.76 0.00	34.34 0.15 0.00	33.22 -0.07 0.00	28.56 -0.06 0.00	26.60 -0.12 0.00	27.34 -0.13 0.00	24.59 -0.26 0.00	20.91 -0.32 0.00	24.34 -0.37 0.00	32.21 -0.18 0.00	47.51 0.24 0.00	54.78 0.47 0.00	44.44 -0.02 0.00	36.34 -0.15 0.00	31.98 -0.30 0.00	32.47 -0.47 0.00
HARDSCRABBLE_WT_PWR 323673	39.43 -0.13 0.00	35.69 -0.18 0.00	35.93 -0.25 0.00	33.99 -0.16 0.00	32.16 -0.12 0.00	29.71 0.02 0.00	41.65 0.44 0.00	76.93 0.78 0.00	56.05 -0.06 0.00	33.62 -0.56 0.00	32.49 -0.79 0.00	27.81 -0.82 0.00	25.95 -0.77 0.00	26.60 -0.87 0.00	24.11 -0.73 0.00	20.65 -0.58 0.00	24.33 -0.39 0.00	32.25 -0.15 0.00	47.48 0.21 0.00	54.70 0.40 0.00	44.79 0.34 0.00	36.81 0.32 0.00	32.58 0.31 0.00	33.20 0.26 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.63 1.07 0.00	36.81 0.94 0.00	37.11 0.93 0.00	34.97 0.82 0.00	33.01 0.74 0.00	30.45 0.76 0.00	42.58 1.37 0.00	79.09 2.95 0.00	58.25 2.14 0.00	35.54 1.35 0.00	34.50 1.22 0.00	29.47 0.85 0.00	27.52 0.81 0.00	28.25 0.78 0.00	25.72 0.87 0.00	22.04 0.81 0.00	25.74 1.02 0.00	33.70 1.30 0.00	49.09 1.82 0.00	56.48 2.18 0.00	46.30 1.85 0.00	37.88 1.39 0.00	33.46 1.19 0.00	34.09 1.15 0.00
HARSNRAD_115KV_TB1 81005	37.42 -2.14 0.00	33.92 -1.96 0.00	34.24 -1.94 0.00	31.98 -2.17 0.00	30.28 -2.00 0.00	27.77 -1.92 0.00	37.90 -3.32 0.00	69.40 -6.74 0.00	50.99 -5.11 0.00	31.29 -2.90 0.00	30.69 -2.60 0.00	26.46 -2.17 0.00	24.60 -2.11 0.00	25.56 -1.91 0.00	23.27 -1.57 0.00	19.78 -1.45 0.00	22.83 -1.88 0.00	29.71 -2.68 0.00	43.08 -4.18 0.00	48.71 -5.60 0.00	39.62 -4.61 0.23	32.62 -3.88 0.00	26.01 -3.63 2.64	24.29 -3.53 5.13
HARZA MOOSE___RIVER 24016	39.85 0.30 0.00	35.98 0.11 0.00	36.33 0.15 0.00	34.62 0.46 0.00	32.90 0.62 0.00	30.46 0.78 0.00	42.40 1.18 0.00	78.21 2.06 0.00	57.24 1.14 0.00	34.55 0.36 0.00	33.38 0.10 0.00	28.64 0.01 0.00	26.67 -0.05 0.00	27.38 -0.09 0.00	24.73 -0.12 0.00	21.06 -0.16 0.00	24.57 -0.15 0.00	32.57 0.17 0.00	47.99 0.73 0.00	55.07 0.76 0.00	44.62 0.16 0.00	36.40 -0.10 0.00	32.11 -0.16 0.00	32.65 -0.29 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.55 -1.01 0.00	34.93 -0.94 0.00	35.26 -0.92 0.00	33.27 -0.89 0.00	31.46 -0.82 0.00	28.95 -0.74 0.00	40.05 -1.17 0.00	74.01 -2.13 0.00	54.30 -1.80 0.00	33.01 -1.17 0.00	32.12 -1.16 0.00	27.68 -0.95 0.00	25.80 -0.91 0.00	26.56 -0.91 0.00	24.06 -0.79 0.00	20.56 -0.67 0.00	23.87 -0.85 0.00	31.28 -1.12 0.00	45.73 -1.54 0.00	52.41 -1.89 0.00	42.88 -1.58 0.00	35.14 -1.36 0.00	31.17 -1.10 0.00	31.89 -1.05 0.00
HELLGATE_13_KV_LD 55870	41.16 1.60 -0.01	37.31 1.43 -0.01	37.60 1.41 -0.01	35.42 1.26 -0.01	33.42 1.14 -0.01	31.35 1.13 -0.53	43.08 1.86 0.00	80.01 3.87 0.00	60.11 2.94 -1.06	36.41 1.96 -0.26	35.19 1.90 0.00	30.04 1.42 0.00	28.07 1.35 0.00	28.80 1.33 0.00	26.22 1.37 -0.01	22.47 1.23 -0.02	26.20 1.48 0.00	34.17 1.78 0.00	49.53 2.26 0.00	56.96 2.66 0.00	46.77 2.32 0.00	38.33 1.83 0.00	33.86 1.59 0.00	34.48 1.54 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.16 1.60 -0.01	37.31 1.43 -0.01	37.60 1.41 -0.01	35.42 1.26 -0.01	33.42 1.14 -0.01	31.35 1.13 -0.53	43.08 1.86 0.00	80.01 3.87 0.00	60.11 2.94 -1.06	36.41 1.96 -0.26	35.19 1.90 0.00	30.04 1.42 0.00	28.07 1.35 0.00	28.80 1.33 0.00	26.22 1.37 -0.01	22.47 1.23 -0.02	26.20 1.48 0.00	34.17 1.78 0.00	49.53 2.26 0.00	56.96 2.66 0.00	46.77 2.32 0.00	38.33 1.83 0.00	33.86 1.59 0.00	34.48 1.54 0.00
HEMPSTEAD____ 23647	40.77 1.22 0.00	36.86 0.98 0.00	37.14 0.96 0.00	35.04 0.88 0.00	33.08 0.80 0.00	30.63 0.93 0.00	42.96 1.74 0.00	79.53 3.38 0.00	58.74 2.60 -0.04	35.88 1.68 -0.01	35.03 1.75 0.00	29.84 1.21 0.00	27.79 1.08 0.00	28.41 0.94 0.00	25.96 1.12 0.00	22.23 1.01 0.00	26.01 1.29 0.00	34.18 1.78 0.00	49.58 2.31 0.00	57.10 2.80 0.00	46.84 2.38 0.00	38.47 1.97 0.00	33.84 1.56 0.00	34.35 1.41 0.00
HEWLETT_69_KV_BK3 55828	41.18 1.63 0.00	37.22 1.35 0.00	37.49 1.31 0.00	35.35 1.19 0.00	33.37 1.09 0.00	30.89 1.20 0.00	43.30 2.08 0.00	80.17 4.02 0.00	59.20 3.06 -0.04	36.16 1.96 -0.01	35.29 2.01 0.00	30.08 1.46 0.00	28.02 1.30 0.00	28.68 1.21 0.00	26.19 1.34 0.00	22.44 1.22 0.00	26.23 1.51 0.00	34.41 2.02 0.00	49.91 2.64 0.00	57.47 3.16 0.00	47.20 2.75 0.00	38.78 2.28 0.00	34.12 1.85 0.00	34.67 1.72 0.00
HICKLING___1 23621	38.74 -0.82 0.00	35.02 -0.85 0.00	35.42 -0.76 0.00	33.19 -0.97 0.00	31.37 -0.91 0.00	28.96 -0.74 0.00	40.27 -0.95 0.00	74.70 -1.45 0.00	54.59 -1.51 0.00	33.12 -1.06 0.00	31.95 -1.33 0.00	27.56 -1.07 0.00	25.69 -1.02 0.00	26.55 -0.92 0.00	23.95 -0.90 0.00	20.46 -0.77 0.00	23.70 -1.02 0.00	30.99 -1.41 0.00	45.46 -1.81 0.00	51.85 -2.46 0.00	42.36 -2.21 -0.11	34.40 -2.09 0.00	31.59 -1.93 -1.25	31.95 -2.06 -1.07
HICKLING___2 23622	38.74 -0.82 0.00	35.02 -0.85 0.00	35.42 -0.76 0.00	33.19 -0.97 0.00	31.37 -0.91 0.00	28.96 -0.74 0.00	40.27 -0.95 0.00	74.70 -1.45 0.00	54.59 -1.51 0.00	33.12 -1.06 0.00	31.95 -1.33 0.00	27.56 -1.07 0.00	25.69 -1.02 0.00	26.55 -0.92 0.00	23.95 -0.90 0.00	20.46 -0.77 0.00	23.70 -1.02 0.00	30.99 -1.41 0.00	45.46 -1.81 0.00	51.85 -2.46 0.00	42.36 -2.21 -0.11	34.40 -2.09 0.00	31.59 -1.93 -1.25	31.95 -2.06 -1.07
HIGH FALLS___HY 23754	40.98 1.42 0.00	37.13 1.26 0.00	37.44 1.26 0.00	35.31 1.15 0.00	33.35 1.07 0.00	30.78 1.08 0.00	43.06 1.85 0.00	79.97 3.82 0.00	58.86 2.76 0.00	35.83 1.64 0.00	34.67 1.39 0.00	29.58 0.95 0.00	27.58 0.86 0.00	28.26 0.79 0.00	25.67 0.83 0.00	21.99 0.76 0.00	25.69 0.97 0.00	33.74 1.34 0.00	49.28 2.01 0.00	56.80 2.50 0.00	46.59 2.14 0.00	38.12 1.63 0.00	33.65 1.38 0.00	34.27 1.33 0.00
HIGH_RIVER___SOLAR 323847	40.73 1.17 0.00	36.92 1.05 0.00	37.22 1.04 0.00	35.16 1.01 0.00	33.25 0.97 0.00	30.63 0.95 0.00	42.67 1.45 0.00	78.82 2.67 0.00	57.49 1.38 0.00	34.49 0.30 0.00	33.30 0.02 0.00	28.55 -0.07 0.00	26.64 -0.07 0.00	27.36 -0.11 0.00	24.78 -0.07 0.00	21.16 -0.06 0.00	24.83 0.11 0.00	32.98 0.58 0.00	48.72 1.45 0.00	56.13 1.82 0.00	45.96 1.51 0.00	37.71 1.22 0.00	33.33 1.05 0.00	33.97 1.02 0.00

HILLBURN___GT 23639	40.49 0.93 0.00	36.67 0.80 0.00	36.97 0.79 0.00	34.82 0.66 0.00	32.86 0.58 0.00	30.32 0.63 0.00	42.40 1.19 0.00	78.83 2.68 0.00	58.08 1.98 0.00	35.46 1.27 0.00	34.46 1.18 0.00	29.45 0.82 0.00	27.50 0.79 0.00	28.23 0.76 0.00	25.72 0.87 0.00	22.03 0.81 0.00	25.71 1.00 0.00	33.62 1.22 0.00	48.94 1.68 0.00	56.31 2.01 0.00	46.17 1.72 0.00	37.75 1.26 0.00	33.36 1.08 0.00	34.00 1.05 0.00
HILLSIDE_115KV_TB1 80332	38.27 -1.29 0.00	34.57 -1.30 0.00	34.98 -1.20 0.00	32.82 -1.33 0.00	31.03 -1.25 0.00	28.63 -1.07 0.00	39.84 -1.38 0.00	73.92 -2.23 0.00	54.06 -2.04 0.00	32.87 -1.31 0.00	31.71 -1.57 0.00	27.37 -1.25 0.00	25.56 -1.15 0.00	26.42 -1.04 0.00	23.85 -1.00 0.00	20.40 -0.82 0.00	23.64 -1.08 0.00	30.83 -1.57 0.00	45.13 -2.14 0.00	51.51 -2.80 0.00	42.19 -2.36 -0.10	34.31 -2.18 0.00	31.40 -1.99 -1.11	31.72 -2.12 -0.90
HISHELDN_WT_PWR 323625	37.68 -1.88 0.00	34.17 -1.70 0.00	34.51 -1.67 0.00	32.18 -1.98 0.00	30.40 -1.88 0.00	27.93 -1.76 0.00	38.36 -2.86 0.00	70.73 -5.42 0.00	51.87 -4.24 0.00	31.55 -2.64 0.00	30.74 -2.54 0.00	26.50 -2.12 0.00	24.68 -2.03 0.00	25.54 -1.93 0.00	23.11 -1.73 0.00	19.61 -1.61 0.00	22.65 -2.07 0.00	29.66 -2.74 0.00	43.41 -3.86 0.00	49.07 -5.23 0.00	38.53 -4.78 1.15	32.33 -4.16 0.00	15.52 -3.79 12.97	5.20 -3.80 23.93
HOLTSVILLE_IC_1 23690	40.46 0.90 0.00	36.51 0.64 0.00	36.81 0.63 0.00	34.81 0.65 0.00	32.87 0.59 0.00	30.58 0.89 0.00	42.98 1.76 0.00	79.21 3.07 0.00	58.47 2.33 -0.04	35.70 1.50 -0.01	34.97 1.68 0.00	29.78 1.16 0.00	27.67 0.95 0.00	28.19 0.72 0.00	25.88 1.03 0.00	22.10 0.87 0.00	25.93 1.21 0.00	34.19 1.80 0.00	49.52 2.25 0.00	57.03 2.72 0.00	46.77 2.31 0.00	38.58 2.09 0.00	33.89 1.62 0.00	34.34 1.40 0.00
HOLTSVILLE_IC_10 23699	40.55 0.99 0.00	36.58 0.70 0.00	36.88 0.69 0.00	34.87 0.72 0.00	32.93 0.65 0.00	30.67 0.98 0.00	43.15 1.94 0.00	79.50 3.35 0.00	58.69 2.54 -0.04	35.80 1.60 -0.01	35.07 1.78 0.00	29.86 1.24 0.00	27.71 0.99 0.00	28.23 0.76 0.00	25.93 1.08 0.00	22.13 0.91 0.00	25.99 1.27 0.00	34.31 1.91 0.00	49.70 2.44 0.00	57.27 2.97 0.00	46.96 2.50 0.00	38.75 2.26 0.00	33.99 1.72 0.00	34.42 1.48 0.00
HOLTSVILLE_IC_2 23691	40.46 0.90 0.00	36.51 0.64 0.00	36.81 0.63 0.00	34.81 0.65 0.00	32.87 0.59 0.00	30.58 0.89 0.00	42.98 1.76 0.00	79.21 3.07 0.00	58.47 2.33 -0.04	35.70 1.50 -0.01	34.97 1.68 0.00	29.78 1.16 0.00	27.67 0.95 0.00	28.19 0.72 0.00	25.88 1.03 0.00	22.10 0.87 0.00	25.93 1.21 0.00	34.19 1.80 0.00	49.52 2.25 0.00	57.03 2.72 0.00	46.77 2.31 0.00	38.58 2.09 0.00	33.89 1.62 0.00	34.34 1.40 0.00
HOLTSVILLE_IC_3 23692	40.46 0.90 0.00	36.51 0.64 0.00	36.81 0.63 0.00	34.81 0.65 0.00	32.87 0.59 0.00	30.58 0.89 0.00	42.98 1.76 0.00	79.21 3.07 0.00	58.47 2.33 -0.04	35.70 1.50 -0.01	34.97 1.68 0.00	29.78 1.16 0.00	27.67 0.95 0.00	28.19 0.72 0.00	25.88 1.03 0.00	22.10 0.87 0.00	25.93 1.21 0.00	34.19 1.80 0.00	49.52 2.25 0.00	57.03 2.72 0.00	46.77 2.31 0.00	38.58 2.09 0.00	33.89 1.62 0.00	34.34 1.40 0.00
HOLTSVILLE_IC_4 23693	40.46 0.90 0.00	36.51 0.64 0.00	36.81 0.63 0.00	34.81 0.65 0.00	32.87 0.59 0.00	30.58 0.89 0.00	42.98 1.76 0.00	79.21 3.07 0.00	58.47 2.33 -0.04	35.70 1.50 -0.01	34.97 1.68 0.00	29.78 1.16 0.00	27.67 0.95 0.00	28.19 0.72 0.00	25.88 1.03 0.00	22.10 0.87 0.00	25.93 1.21 0.00	34.19 1.80 0.00	49.52 2.25 0.00	57.03 2.72 0.00	46.77 2.31 0.00	38.58 2.09 0.00	33.89 1.62 0.00	34.34 1.40 0.00
HOLTSVILLE_IC_5 23694	40.46 0.90 0.00	36.51 0.64 0.00	36.81 0.63 0.00	34.81 0.65 0.00	32.87 0.59 0.00	30.58 0.89 0.00	42.98 1.76 0.00	79.21 3.07 0.00	58.47 2.33 -0.04	35.70 1.50 -0.01	34.97 1.68 0.00	29.78 1.16 0.00	27.67 0.95 0.00	28.19 0.72 0.00	25.88 1.03 0.00	22.10 0.87 0.00	25.93 1.21 0.00	34.19 1.80 0.00	49.52 2.25 0.00	57.03 2.72 0.00	46.77 2.31 0.00	38.58 2.09 0.00	33.89 1.62 0.00	34.34 1.40 0.00
HOLTSVILLE_IC_6 23695	40.55 0.99 0.00	36.58 0.70 0.00	36.88 0.69 0.00	34.87 0.72 0.00	32.93 0.65 0.00	30.67 0.98 0.00	43.15 1.94 0.00	79.50 3.35 0.00	58.69 2.54 -0.04	35.80 1.60 -0.01	35.07 1.78 0.00	29.86 1.24 0.00	27.71 0.99 0.00	28.23 0.76 0.00	25.93 1.08 0.00	22.13 0.91 0.00	25.99 1.27 0.00	34.31 1.91 0.00	49.70 2.44 0.00	57.27 2.97 0.00	46.96 2.50 0.00	38.75 2.26 0.00	33.99 1.72 0.00	34.42 1.48 0.00
HOLTSVILLE_IC_7 23696	40.55 0.99 0.00	36.58 0.70 0.00	36.88 0.69 0.00	34.87 0.72 0.00	32.93 0.65 0.00	30.67 0.98 0.00	43.15 1.94 0.00	79.50 3.35 0.00	58.69 2.54 -0.04	35.80 1.60 -0.01	35.07 1.78 0.00	29.86 1.24 0.00	27.71 0.99 0.00	28.23 0.76 0.00	25.93 1.08 0.00	22.13 0.91 0.00	25.99 1.27 0.00	34.31 1.91 0.00	49.70 2.44 0.00	57.27 2.97 0.00	46.96 2.50 0.00	38.75 2.26 0.00	33.99 1.72 0.00	34.42 1.48 0.00
HOLTSVILLE_IC_8 23697	40.55 0.99 0.00	36.58 0.70 0.00	36.88 0.69 0.00	34.87 0.72 0.00	32.93 0.65 0.00	30.67 0.98 0.00	43.15 1.94 0.00	79.50 3.35 0.00	58.69 2.54 -0.04	35.80 1.60 -0.01	35.07 1.78 0.00	29.86 1.24 0.00	27.71 0.99 0.00	28.23 0.76 0.00	25.93 1.08 0.00	22.13 0.91 0.00	25.99 1.27 0.00	34.31 1.91 0.00	49.70 2.44 0.00	57.27 2.97 0.00	46.96 2.50 0.00	38.75 2.26 0.00	33.99 1.72 0.00	34.42 1.48 0.00
HOLTSVILLE_IC_9 23698	40.55 0.99 0.00	36.58 0.70 0.00	36.88 0.69 0.00	34.87 0.72 0.00	32.93 0.65 0.00	30.67 0.98 0.00	43.15 1.94 0.00	79.50 3.35 0.00	58.69 2.54 -0.04	35.80 1.60 -0.01	35.07 1.78 0.00	29.86 1.24 0.00	27.71 0.99 0.00	28.23 0.76 0.00	25.93 1.08 0.00	22.13 0.91 0.00	25.99 1.27 0.00	34.31 1.91 0.00	49.70 2.44 0.00	57.27 2.97 0.00	46.96 2.50 0.00	38.75 2.26 0.00	33.99 1.72 0.00	34.42 1.48 0.00
HOMER_HL_115KV_TB2 355744	38.99 -0.57 0.00	35.22 -0.66 0.00	35.67 -0.51 0.00	33.28 -0.88 0.00	31.29 -0.99 0.00	28.59 -1.10 0.00	39.65 -1.57 0.00	73.65 -2.50 0.00	54.04 -2.06 0.00	32.98 -1.21 0.00	32.20 -1.08 0.00	27.85 -0.77 0.00	25.97 -0.74 0.00	26.91 -0.56 0.00	24.42 -0.43 0.00	20.81 -0.42 0.00	23.92 -0.80 0.00	30.98 -1.41 0.00	45.03 -2.24 0.00	51.20 -3.10 0.00	41.87 -2.59 0.00	34.09 -2.40 0.00	29.86 -2.41 0.00	29.95 -2.42 0.58
HOWARD_WT_PWR 323690	38.13 -1.43 0.00	34.81 -1.07 0.00	35.06 -1.12 0.00	32.50 -1.65 0.00	30.68 -1.59 0.00	28.38 -1.31 0.00	39.36 -1.86 0.00	73.21 -2.94 0.00	53.78 -2.32 0.00	32.61 -1.58 0.00	31.53 -1.75 0.00	27.14 -1.49 0.00	25.22 -1.50 0.00	25.95 -1.52 0.00	23.31 -1.53 0.00	19.77 -1.45 0.00	22.84 -1.87 0.00	29.94 -2.46 0.00	44.04 -3.23 0.00	49.98 -4.32 0.00	40.88 -4.31 -0.73	32.49 -4.00 0.00	36.83 -3.67 -8.23	42.88 -3.68 -13.62

HQ_GEN_CEDARS 23644	40.51 0.95 0.00	36.80 0.92 0.00	37.12 0.94 0.00	34.98 0.83 0.00	33.05 0.77 0.00	30.34 0.65 0.00	42.02 0.81 0.00	77.61 1.46 0.00	57.60 1.49 0.00	35.10 0.92 0.00	34.22 0.93 0.00	29.52 0.90 0.00	27.52 0.81 0.00	28.35 0.88 0.00	25.43 0.59 0.00	21.66 0.44 0.00	25.19 0.47 0.00	33.01 0.61 0.00	48.19 0.92 0.00	55.63 1.33 0.00	45.50 1.05 0.00	37.42 0.93 0.00	32.95 0.67 0.00	33.53 0.58 0.00
HQ_GEN_CEDARS_PROXY 323590	40.51 0.95 0.00	36.80 0.92 0.00	37.12 0.94 0.00	34.98 0.83 0.00	33.05 0.77 0.00	30.34 0.65 0.00	42.02 0.81 0.00	77.61 1.46 0.00	57.60 1.49 0.00	35.10 0.92 0.00	34.22 0.93 0.00	29.52 0.90 0.00	27.52 0.81 0.00	28.35 0.88 0.00	25.43 0.59 0.00	21.66 0.44 0.00	25.19 0.47 0.00	33.01 0.61 0.00	48.19 0.92 0.00	55.63 1.33 0.00	45.50 1.04 0.00	37.42 0.93 0.00	32.95 0.67 0.00	33.52 0.58 0.00
HQ_GEN_IMPORT 323601	40.06 0.51 0.00	36.38 0.50 0.00	36.69 0.51 0.00	34.60 0.44 0.00	32.69 0.41 0.00	30.03 0.34 0.00	41.60 0.38 0.00	76.85 0.71 0.00	56.90 0.79 0.00	34.65 0.52 0.06	33.83 0.55 0.00	29.16 0.54 0.00	27.13 0.49 0.07	28.00 0.53 0.00	25.21 0.36 0.00	21.51 0.28 0.00	25.02 0.30 0.00	32.77 0.37 0.00	47.77 0.50 0.00	55.01 0.70 0.00	45.02 0.56 0.00	36.99 0.50 0.00	32.64 0.37 0.00	33.26 0.32 0.00
HQ_GEN_WHEEL 23651	40.06 0.51 0.00	36.38 0.50 0.00	36.69 0.51 0.00	34.60 0.44 0.00	32.69 0.41 0.00	30.03 0.34 0.00	41.60 0.38 0.00	76.85 0.71 0.00	56.90 0.79 0.00	34.65 0.52 0.06	33.83 0.55 0.00	29.16 0.54 0.00	27.13 0.49 0.07	28.00 0.53 0.00	25.21 0.36 0.00	21.51 0.28 0.00	25.02 0.30 0.00	32.77 0.37 0.00	47.77 0.50 0.00	55.01 0.70 0.00	45.02 0.56 0.00	36.99 0.50 0.00	32.64 0.37 0.00	33.26 0.32 0.00
HUDSON AVE_GT_3 23810	41.06 1.50 0.00	37.22 1.35 0.00	37.49 1.32 0.00	35.32 1.16 0.00	33.34 1.06 0.00	30.76 1.06 0.00	43.04 1.82 0.00	79.98 3.83 0.00	59.92 2.95 -0.87	36.34 1.94 -0.21	35.15 1.87 0.00	30.01 1.39 0.00	28.05 1.33 0.00	28.78 1.31 0.00	26.21 1.36 0.00	22.46 1.22 -0.01	26.17 1.45 0.00	34.16 1.77 0.00	49.60 2.33 0.00	57.03 2.72 0.00	46.84 2.39 0.00	38.34 1.85 0.00	33.85 1.58 0.00	34.49 1.55 0.00
HUDSON AVE_GT_4 23540	41.06 1.50 0.00	37.22 1.35 0.00	37.49 1.32 0.00	35.32 1.16 0.00	33.34 1.06 0.00	30.76 1.06 0.00	43.04 1.82 0.00	79.98 3.83 0.00	59.92 2.95 -0.87	36.34 1.94 -0.21	35.15 1.87 0.00	30.01 1.39 0.00	28.05 1.33 0.00	28.78 1.31 0.00	26.21 1.36 0.00	22.46 1.22 -0.01	26.17 1.45 0.00	34.16 1.77 0.00	49.60 2.33 0.00	57.03 2.72 0.00	46.84 2.39 0.00	38.34 1.85 0.00	33.85 1.58 0.00	34.49 1.55 0.00
HUDSON AVE_GT_5 23657	41.06 1.50 0.00	37.22 1.35 0.00	37.49 1.32 0.00	35.32 1.16 0.00	33.34 1.06 0.00	30.76 1.06 0.00	43.04 1.82 0.00	79.98 3.83 0.00	59.92 2.95 -0.87	36.34 1.94 -0.21	35.15 1.87 0.00	30.01 1.39 0.00	28.05 1.33 0.00	28.78 1.31 0.00	26.21 1.36 0.00	22.46 1.22 -0.01	26.17 1.45 0.00	34.16 1.77 0.00	49.60 2.33 0.00	57.03 2.72 0.00	46.84 2.39 0.00	38.34 1.85 0.00	33.85 1.58 0.00	34.49 1.55 0.00
HUDSON_AVE_10 24168	41.01 1.45 0.00	37.17 1.30 0.00	37.44 1.26 0.00	35.27 1.11 0.00	33.28 1.00 0.00	30.68 0.99 0.00	42.93 1.72 0.00	79.77 3.62 0.00	59.74 2.76 -0.87	36.21 1.81 -0.21	35.03 1.74 0.00	29.91 1.29 0.00	27.97 1.26 0.00	28.71 1.24 0.00	26.14 1.29 0.00	22.40 1.17 -0.01	26.09 1.38 0.00	34.04 1.65 0.00	49.44 2.17 0.00	56.83 2.53 0.00	46.69 2.24 0.00	38.23 1.73 0.00	33.76 1.49 0.00	34.41 1.47 0.00
HUDSON___115KV_TB 4 355613	41.22 1.67 0.00	37.37 1.50 0.00	37.68 1.50 0.00	35.61 1.46 0.00	33.68 1.40 0.00	31.04 1.35 0.00	43.63 2.42 0.00	80.92 4.77 0.00	59.25 3.14 0.00	35.70 1.51 0.00	34.40 1.12 0.00	29.39 0.77 0.00	27.45 0.74 0.00	28.19 0.72 0.00	25.55 0.70 0.00	21.88 0.65 0.00	25.54 0.82 0.00	33.71 1.32 0.00	49.50 2.23 0.00	57.01 2.71 0.00	46.77 2.31 0.00	38.39 1.90 0.00	33.94 1.66 0.00	34.58 1.63 0.00
HUNTER MOUNT___DRP 323613	41.46 1.90 0.00	37.58 1.70 0.00	37.89 1.71 0.00	35.81 1.66 0.00	33.88 1.60 0.00	31.24 1.55 0.00	44.16 2.95 0.00	82.16 6.01 0.00	60.07 3.97 0.00	36.04 1.85 0.00	34.61 1.33 0.00	29.53 0.91 0.00	27.57 0.86 0.00	28.32 0.86 0.00	25.66 0.81 0.00	21.98 0.75 0.00	25.61 0.89 0.00	33.89 1.49 0.00	49.81 2.54 0.00	57.36 3.05 0.00	47.07 2.61 0.00	38.62 2.13 0.00	34.13 1.86 0.00	34.77 1.82 0.00
HUNTINGTON_RES_REC 323705	40.59 1.03 0.00	36.60 0.73 0.00	36.92 0.74 0.00	34.87 0.72 0.00	32.94 0.67 0.00	30.57 0.88 0.00	42.95 1.73 0.00	79.09 2.94 0.00	58.43 2.29 -0.04	35.71 1.52 -0.01	35.03 1.75 0.00	29.79 1.16 0.00	27.67 0.96 0.00	28.21 0.74 0.00	25.88 1.03 0.00	22.11 0.88 0.00	25.95 1.23 0.00	34.29 1.89 0.00	49.80 2.53 0.00	57.36 3.05 0.00	47.02 2.57 0.00	38.61 2.11 0.00	33.88 1.60 0.00	34.34 1.40 0.00
HUNTLEY___63 23557	37.77 -1.79 0.00	34.23 -1.65 0.00	34.58 -1.60 0.00	32.29 -1.87 0.00	30.55 -1.73 0.00	28.02 -1.68 0.00	38.32 -2.90 0.00	70.26 -5.88 0.00	51.61 -4.49 0.00	31.73 -2.46 0.00	31.14 -2.14 0.00	26.84 -1.79 0.00	24.96 -1.75 0.00	25.92 -1.55 0.00	23.61 -1.24 0.00	20.07 -1.15 0.00	23.16 -1.56 0.00	30.14 -2.26 0.00	43.62 -3.65 0.00	49.29 -5.01 0.00	40.18 -4.11 0.17	33.01 -3.48 0.00	27.01 -3.28 1.98	25.82 -3.18 3.95
HUNTLEY___64 23558	37.77 -1.79 0.00	34.23 -1.65 0.00	34.58 -1.60 0.00	32.29 -1.87 0.00	30.55 -1.73 0.00	28.02 -1.68 0.00	38.32 -2.90 0.00	70.26 -5.88 0.00	51.61 -4.49 0.00	31.73 -2.46 0.00	31.14 -2.14 0.00	26.84 -1.79 0.00	24.96 -1.75 0.00	25.92 -1.55 0.00	23.61 -1.24 0.00	20.07 -1.15 0.00	23.16 -1.56 0.00	30.14 -2.26 0.00	43.62 -3.65 0.00	49.29 -5.01 0.00	40.18 -4.11 0.17	33.01 -3.48 0.00	27.01 -3.28 1.98	25.82 -3.18 3.95
HUNTLEY___65 23559	37.77 -1.79 0.00	34.23 -1.65 0.00	34.58 -1.60 0.00	32.29 -1.87 0.00	30.55 -1.73 0.00	28.02 -1.68 0.00	38.32 -2.90 0.00	70.26 -5.88 0.00	51.61 -4.49 0.00	31.73 -2.46 0.00	31.14 -2.14 0.00	26.84 -1.79 0.00	24.96 -1.75 0.00	25.92 -1.55 0.00	23.61 -1.24 0.00	20.07 -1.15 0.00	23.16 -1.56 0.00	30.14 -2.26 0.00	43.62 -3.65 0.00	49.29 -5.01 0.00	40.18 -4.11 0.17	33.01 -3.48 0.00	27.01 -3.28 1.98	25.82 -3.18 3.95
HUNTLEY___66 23560	37.77 -1.79 0.00	34.23 -1.65 0.00	34.58 -1.60 0.00	32.29 -1.87 0.00	30.55 -1.73 0.00	28.02 -1.68 0.00	38.32 -2.90 0.00	70.26 -5.88 0.00	51.61 -4.49 0.00	31.73 -2.46 0.00	31.14 -2.14 0.00	26.84 -1.79 0.00	24.96 -1.75 0.00	25.92 -1.55 0.00	23.61 -1.24 0.00	20.07 -1.15 0.00	23.16 -1.56 0.00	30.14 -2.26 0.00	43.62 -3.65 0.00	49.29 -5.01 0.00	40.18 -4.11 0.17	33.01 -3.48 0.00	27.01 -3.28 1.98	25.82 -3.18 3.95

HUNTLEY___67 23561	37.64 -1.92 0.00	34.11 -1.76 0.00	34.47 -1.71 0.00	32.17 -1.98 0.00	30.43 -1.85 0.00	27.89 -1.80 0.00	38.20 -3.02 0.00	70.07 -6.08 0.00	51.48 -4.63 0.00	31.65 -2.54 0.00	31.05 -2.23 0.00	26.79 -1.84 0.00	24.93 -1.79 0.00	25.87 0.00	23.56 -1.29 0.00	20.05 -1.17 0.00	23.12 -1.60 0.00	30.11 -2.29 0.00	43.56 0.00	49.21 -5.09 0.00	40.11 -4.18 0.17	32.94 -3.56 0.00	27.04 -3.34 1.89	25.91 -3.23 3.80
HUNTLEY___68 23562	37.64 -1.92 0.00	34.11 -1.76 0.00	34.47 -1.71 0.00	32.17 -1.98 0.00	30.43 -1.85 0.00	27.89 -1.80 0.00	38.20 -3.02 0.00	70.07 -6.08 0.00	51.48 -4.63 0.00	31.65 -2.54 0.00	31.05 -2.23 0.00	26.79 -1.84 0.00	24.93 -1.79 0.00	25.87 -1.60 0.00	23.56 -1.29 0.00	20.05 -1.17 0.00	23.12 -1.60 0.00	30.11 -2.29 0.00	43.56 -3.71 0.00	49.21 -5.09 0.00	40.11 -4.18 0.17	32.94 -3.56 0.00	27.04 -3.34 1.89	25.91 -3.23 3.80
HYLAND___LFGE 323620	39.75 0.19 0.00	36.00 0.13 0.00	36.36 0.18 0.00	34.00 -0.15 0.00	32.19 -0.09 0.00	29.72 0.04 0.00	41.30 0.08 0.00	76.52 0.37 0.00	55.56 -0.54 0.00	32.74 -1.45 0.00	31.73 -1.56 0.00	27.27 -1.35 0.00	25.35 -1.37 0.00	26.18 -1.29 0.00	23.70 -1.14 0.00	20.17 -1.05 0.00	23.33 -1.39 0.00	30.67 -1.73 0.00	45.12 -2.15 0.00	52.60 -1.70 0.00	43.72 -1.53 -0.79	34.99 -1.50 0.00	39.73 -1.51 -8.97	46.86 -1.55 -15.46
INDECK___CORINTH 23802	40.63 1.08 0.00	36.78 0.91 0.00	37.11 0.93 0.00	35.13 0.97 0.00	33.20 0.92 0.00	30.68 0.99 0.00	43.01 1.80 0.00	79.42 3.27 0.00	58.06 1.96 0.00	35.02 0.83 0.00	34.56 1.28 0.00	29.82 1.19 0.00	27.74 1.03 0.00	28.43 0.97 0.00	25.71 0.87 0.00	22.09 0.86 0.00	25.94 1.22 0.00	34.21 1.82 0.00	50.13 2.86 0.00	57.61 3.30 0.00	47.30 2.84 0.00	38.88 2.39 0.00	34.33 2.05 0.00	35.06 2.12 0.00
INDECK___ILION 23567	39.58 0.02 0.00	35.84 -0.03 0.00	36.11 -0.06 0.00	34.15 0.00 0.00	32.30 0.02 0.00	29.80 0.11 0.00	41.63 0.41 0.00	76.89 0.75 0.00	56.28 0.18 0.00	34.01 -0.18 0.00	32.97 -0.31 0.00	28.27 -0.36 0.00	26.39 -0.33 0.00	27.08 -0.39 0.00	24.54 -0.31 0.00	20.98 -0.24 0.00	24.61 -0.11 0.00	32.46 0.06 0.00	47.58 0.31 0.00	54.71 0.40 0.00	44.80 0.34 0.00	36.79 0.30 0.00	32.56 0.29 0.00	33.19 0.24 0.00
INDECK___OLEAN 23982	38.99 -0.57 0.00	35.25 -0.63 0.00	35.72 -0.46 0.00	33.28 -0.88 0.00	31.29 -0.99 0.00	28.59 -1.10 0.00	39.65 -1.56 0.00	73.66 -2.49 0.00	54.04 -2.06 0.00	32.98 -1.21 0.00	32.20 -1.08 0.00	27.85 -0.78 0.00	25.96 -0.75 0.00	26.91 -0.56 0.00	24.41 -0.44 0.00	20.81 -0.41 0.00	23.92 -0.79 0.00	30.98 -1.41 0.00	45.01 -2.26 0.00	51.20 -3.11 0.00	41.82 -2.64 0.00	34.09 -2.40 0.00	29.87 -2.40 0.00	29.97 -2.39 0.58
INDECK___OSWEGO 23783	38.18 -1.38 0.00	34.60 -1.27 0.00	34.92 -1.26 0.00	33.00 -1.16 0.00	31.22 -1.06 0.00	28.73 -0.97 0.00	39.69 -1.53 0.00	73.26 -2.88 0.00	53.77 -2.34 0.00	32.69 -1.50 0.00	31.80 -1.48 0.00	27.41 -1.21 0.00	25.54 -1.17 0.00	26.30 -1.17 0.00	23.81 -1.04 0.00	20.33 -0.89 0.00	23.61 -1.11 0.00	30.96 -1.44 0.00	45.30 -1.97 0.00	51.96 -2.35 0.00	42.47 -1.99 0.00	34.82 -1.67 0.00	30.92 -1.36 0.00	31.65 -1.30 0.00
INDECK___YERKES 23781	37.81 -1.75 0.00	34.29 -1.58 0.00	34.68 -1.50 0.00	32.32 -1.84 0.00	30.58 -1.70 0.00	28.04 -1.65 0.00	38.36 -2.85 0.00	70.35 -5.80 0.00	51.67 -4.44 0.00	31.76 -2.43 0.00	31.17 -2.11 0.00	26.86 -1.76 0.00	24.99 -1.73 0.00	25.95 -1.52 0.00	23.62 -1.23 0.00	20.09 -1.13 0.00	23.18 -1.54 0.00	30.16 -2.23 0.00	43.65 -3.62 0.00	49.33 -4.97 0.00	40.17 -4.11 0.17	33.05 -3.44 0.00	27.06 -3.24 1.98	25.89 -3.11 3.95
INDIAN POINT_GT_1 24139	40.54 0.98 0.00	36.73 0.85 0.00	37.01 0.83 0.00	34.88 0.73 0.00	32.93 0.65 0.00	30.36 0.67 0.00	42.47 1.26 0.00	78.88 2.74 0.00	58.13 2.03 0.00	35.50 1.32 0.00	34.51 1.23 0.00	29.49 0.86 0.00	27.54 0.83 0.00	28.27 0.80 0.00	25.74 0.89 0.00	22.04 0.82 0.00	25.74 1.02 0.00	33.65 1.26 0.00	48.97 1.71 0.00	56.34 2.04 0.00	46.22 1.76 0.00	37.82 1.33 0.00	33.42 1.15 0.00	34.06 1.12 0.00
INDIAN POINT_GT_2 23659	40.54 0.98 0.00	36.73 0.85 0.00	37.01 0.83 0.00	34.88 0.73 0.00	32.93 0.65 0.00	30.36 0.67 0.00	42.47 1.26 0.00	78.88 2.74 0.00	58.13 2.03 0.00	35.50 1.32 0.00	34.51 1.23 0.00	29.49 0.86 0.00	27.54 0.83 0.00	28.27 0.80 0.00	25.74 0.89 0.00	22.04 0.82 0.00	25.74 1.02 0.00	33.65 1.26 0.00	48.97 1.71 0.00	56.34 2.04 0.00	46.22 1.76 0.00	37.82 1.33 0.00	33.42 1.15 0.00	34.06 1.12 0.00
INDIAN POINT_GT_3 24019	40.54 0.98 0.00	36.73 0.85 0.00	37.01 0.83 0.00	34.88 0.73 0.00	32.93 0.65 0.00	30.36 0.67 0.00	42.47 1.26 0.00	78.88 2.74 0.00	58.13 2.03 0.00	35.50 1.32 0.00	34.51 1.23 0.00	29.49 0.86 0.00	27.54 0.83 0.00	28.27 0.80 0.00	25.74 0.89 0.00	22.04 0.82 0.00	25.74 1.02 0.00	33.65 1.26 0.00	48.97 1.71 0.00	56.34 2.04 0.00	46.22 1.76 0.00	37.82 1.33 0.00	33.42 1.15 0.00	34.06 1.12 0.00
INDIAN POINT___2 23530	40.38 0.83 0.00	36.58 0.70 0.00	36.88 0.70 0.00	34.75 0.59 0.00	32.80 0.52 0.00	30.25 0.55 0.00	42.30 1.08 0.00	78.58 2.44 0.00	57.90 1.80 0.00	35.34 1.16 0.00	34.35 1.07 0.00	29.35 0.73 0.00	27.42 0.71 0.00	28.14 0.68 0.00	25.63 0.79 0.00	21.96 0.73 0.00	25.62 0.90 0.00	33.50 1.11 0.00	48.78 1.51 0.00	56.12 1.81 0.00	46.02 1.57 0.00	37.65 1.16 0.00	33.27 1.00 0.00	33.91 0.96 0.00
INDIAN POINT___3 23531	40.54 0.98 0.00	36.74 0.86 0.00	37.02 0.84 0.00	34.89 0.74 0.00	32.94 0.67 0.00	30.38 0.69 0.00	42.49 1.27 0.00	78.88 2.74 0.00	58.16 2.03 -0.02	35.52 1.33 0.00	34.54 1.26 0.00	29.52 0.89 0.00	27.56 0.85 0.00	28.29 0.82 0.00	25.76 0.91 0.00	22.06 0.84 0.00	25.74 1.03 0.00	33.67 1.28 0.00	48.98 1.72 0.00	56.34 2.04 0.00	46.23 1.77 0.00	37.84 1.35 0.00	33.43 1.16 0.00	34.08 1.13 0.00
INGHAM_C_115KV_TB7 356103	39.41 -0.15 0.00	35.66 -0.21 0.00	35.91 -0.27 0.00	33.97 -0.19 0.00	32.14 -0.14 0.00	29.72 0.03 0.00	41.74 0.53 0.00	77.06 0.91 0.00	56.00 -0.10 0.00	33.47 -0.72 0.00	32.27 -1.02 0.00	27.59 -1.03 0.00	25.75 -0.96 0.00	26.38 -1.09 0.00	23.91 -0.93 0.00	20.49 -0.73 0.00	24.22 -0.49 0.00	32.20 -0.19 0.00	47.53 0.26 0.00	54.85 0.54 0.00	45.00 0.54 0.00	36.99 0.50 0.00	32.74 0.47 0.00	33.36 0.42 0.00
IP CORINTH___1 23988	40.84 1.29 0.00	36.97 1.10 0.00	37.30 1.12 0.00	35.31 1.16 0.00	33.38 1.10 0.00	30.84 1.14 0.00	43.24 2.03 0.00	79.84 3.70 0.00	58.38 2.28 0.00	35.20 1.01 0.00	34.58 1.30 0.00	29.82 1.20 0.00	27.74 1.03 0.00	28.43 0.97 0.00	25.71 0.87 0.00	22.09 0.86 0.00	25.94 1.22 0.00	34.21 1.82 0.00	50.13 2.86 0.00	57.61 3.30 0.00	47.30 2.85 0.00	38.88 2.39 0.00	34.33 2.05 0.00	35.07 2.12 0.00

IP___TICONDEROGA 23804	42.86 3.30 0.00	38.72 2.85 0.00	39.15 2.97 0.00	37.09 2.93 0.00	34.93 2.65 0.00	32.32 2.63 0.00	45.65 4.43 0.00	84.09 7.95 0.00	61.12 5.02 0.00	36.50 2.31 0.00	35.15 1.87 0.00	30.41 1.79 0.00	28.34 1.63 0.00	29.01 1.54 0.00	26.22 1.38 0.00	22.75 1.52 0.00	26.81 2.09 0.00	35.15 2.76 0.00	51.44 4.17 0.00	59.31 5.00 0.00	48.92 4.46 0.00	40.51 4.01 0.00	35.66 3.39 0.00	36.40 3.46 0.00
ISLIP_RES_REC 323679	40.70 1.15 0.00	36.69 0.81 0.00	36.99 0.81 0.00	34.98 0.82 0.00	33.03 0.75 0.00	30.76 1.07 0.00	43.32 2.10 0.00	79.83 3.68 0.00	58.94 2.80 -0.04	35.95 1.75 -0.01	35.22 1.94 0.00	29.95 1.33 0.00	27.78 1.07 0.00	28.30 0.83 0.00	26.00 1.15 0.00	22.19 0.97 0.00	26.06 1.34 0.00	34.43 2.03 0.00	49.90 2.63 0.00	57.51 3.20 0.00	47.14 2.68 0.00	38.90 2.41 0.00	34.10 1.83 0.00	34.51 1.57 0.00
JAMAICA__27_KV_LOAD 355505	41.42 1.86 0.00	37.60 1.72 0.00	37.83 1.65 0.00	35.65 1.49 0.00	33.61 1.33 0.00	30.95 1.26 0.00	43.29 2.07 0.00	80.41 4.27 0.00	60.17 3.19 -0.87	36.40 2.00 -0.21	35.22 1.94 0.00	30.10 1.48 0.00	28.17 1.46 0.00	28.92 1.45 0.00	26.33 1.48 0.00	22.56 1.33 -0.01	26.27 1.55 0.00	34.19 1.79 0.00	49.72 2.45 0.00	57.14 2.84 0.00	47.00 2.54 0.00	38.49 2.00 0.00	34.03 1.76 0.00	34.71 1.76 0.00
JANIS___SOLAR 323808	40.16 0.60 0.00	36.40 0.52 0.00	36.76 0.58 0.00	34.71 0.55 0.00	32.85 0.57 0.00	30.35 0.65 0.00	42.35 1.14 0.00	78.49 2.35 0.00	57.18 1.07 0.00	34.20 0.01 0.00	32.91 -0.37 0.00	28.24 -0.39 0.00	26.28 -0.43 0.00	26.98 -0.49 0.00	24.36 -0.49 0.00	20.85 -0.37 0.00	24.33 -0.38 0.00	32.24 -0.16 0.00	47.65 0.38 0.00	54.70 0.40 0.00	44.71 0.20 -0.05	36.38 -0.11 0.00	32.70 -0.20 -0.62	34.88 -0.28 -2.22
JARVIS____ 23743	39.58 0.02 0.00	35.86 -0.02 0.00	36.15 -0.04 0.00	34.17 0.02 0.00	32.31 0.03 0.00	29.75 0.06 0.00	41.40 0.19 0.00	76.50 0.35 0.00	56.25 0.15 0.00	34.25 0.06 0.00	33.31 0.03 0.00	28.61 -0.02 0.00	26.71 0.00 0.00	27.44 -0.03 0.00	24.85 0.00 0.00	21.24 0.01 0.00	24.78 0.06 0.00	32.52 0.13 0.00	47.49 0.22 0.00	54.51 0.20 0.00	44.59 0.13 0.00	36.60 0.10 0.00	32.37 0.10 0.00	33.03 0.09 0.00
JENNISON___1 23625	39.48 -0.08 0.00	35.93 0.05 0.00	36.33 0.15 0.00	34.39 0.24 0.00	32.58 0.30 0.00	30.16 0.47 0.00	42.20 0.98 0.00	78.25 2.10 0.00	57.42 1.32 0.00	34.67 0.48 0.00	33.58 0.30 0.00	28.81 0.19 0.00	26.85 0.14 0.00	27.52 0.06 0.00	24.87 0.02 0.00	21.27 0.05 0.00	24.76 0.05 0.00	32.59 0.19 0.00	47.55 0.28 0.00	53.97 -0.34 0.00	44.02 -0.44 0.00	35.87 -0.63 0.00	31.62 -0.65 0.00	32.39 -0.79 -0.23
JENNISON___2 23626	39.48 -0.08 0.00	35.93 0.05 0.00	36.33 0.15 0.00	34.39 0.24 0.00	32.58 0.30 0.00	30.16 0.47 0.00	42.20 0.98 0.00	78.25 2.10 0.00	57.42 1.32 0.00	34.67 0.48 0.00	33.58 0.30 0.00	28.81 0.19 0.00	26.85 0.14 0.00	27.52 0.06 0.00	24.87 0.02 0.00	21.27 0.05 0.00	24.76 0.05 0.00	32.59 0.19 0.00	47.55 0.28 0.00	53.97 -0.34 0.00	44.02 -0.44 0.00	35.87 -0.63 0.00	31.62 -0.65 0.00	32.39 -0.79 -0.23
JERICHO_RISE_WT_PWR 323719	40.20 0.64 0.00	36.79 0.92 0.00	37.08 0.89 0.00	35.03 0.87 0.00	33.10 0.82 0.00	30.26 0.56 0.00	41.66 0.44 0.00	77.26 1.11 0.00	57.55 1.45 0.00	35.18 1.00 0.00	34.33 1.05 0.00	29.67 1.04 0.00	27.66 0.95 0.00	28.46 0.99 0.00	25.56 0.72 0.00	21.78 0.56 0.00	25.33 0.61 0.00	33.11 0.71 0.00	48.27 1.00 0.00	55.64 1.34 0.00	45.44 0.99 0.00	37.32 0.83 0.00	32.80 0.52 0.00	33.25 0.30 0.00
KATONAH__115KV_46KV_TB4 355592	40.94 1.39 0.00	37.09 1.22 0.00	37.38 1.20 0.00	35.24 1.09 0.00	33.28 1.00 0.00	30.70 1.01 0.00	42.98 1.76 0.00	79.77 3.62 0.00	58.80 2.70 0.00	35.92 1.73 0.00	34.89 1.61 0.00	29.80 1.18 0.00	27.83 1.11 0.00	28.56 1.09 0.00	25.99 1.14 0.00	22.25 1.03 0.00	25.98 1.27 0.00	34.01 1.62 0.00	49.48 2.21 0.00	56.92 2.61 0.00	46.70 2.25 0.00	38.25 1.76 0.00	33.77 1.50 0.00	34.39 1.45 0.00
KCE_NY_1 323755	40.95 1.39 0.00	37.10 1.22 0.00	37.40 1.22 0.00	35.36 1.21 0.00	33.44 1.17 0.00	30.86 1.17 0.00	43.16 1.94 0.00	79.77 3.62 0.00	58.34 2.24 0.00	35.26 1.07 0.00	34.28 1.00 0.00	29.46 0.83 0.00	27.44 0.72 0.00	28.15 0.68 0.00	25.48 0.64 0.00	21.87 0.64 0.00	25.72 1.00 0.00	33.96 1.56 0.00	49.65 2.38 0.00	56.89 2.58 0.00	46.72 2.27 0.00	38.41 1.92 0.00	33.95 1.67 0.00	34.65 1.70 0.00
KCE_NY_6_ESR 323823	38.30 -1.26 0.00	34.76 -1.11 0.00	35.16 -1.02 0.00	32.74 -1.42 0.00	30.99 -1.29 0.00	28.39 -1.30 0.00	38.98 -2.24 0.00	71.62 -4.53 0.00	52.55 -3.55 0.00	32.29 -1.89 0.00	31.63 -1.65 0.00	27.27 -1.35 0.00	25.37 -1.34 0.00	26.34 -1.13 0.00	23.96 -0.89 0.00	20.40 -0.82 0.00	23.54 -1.18 0.00	30.66 -1.74 0.00	44.37 -2.90 0.00	50.16 -4.14 0.00	40.85 -3.47 0.14	33.51 -2.99 0.00	27.78 -2.88 1.62	26.84 -2.77 3.34
KEDC_PORT_JEFF_GT2 24210	40.52 0.96 0.00	36.54 0.67 0.00	36.84 0.66 0.00	34.84 0.68 0.00	32.90 0.62 0.00	30.63 0.94 0.00	43.10 1.89 0.00	79.40 3.25 0.00	58.62 2.48 -0.04	35.76 1.57 -0.01	35.03 1.75 0.00	29.83 1.21 0.00	27.69 0.97 0.00	28.20 0.73 0.00	25.91 1.06 0.00	22.12 0.89 0.00	25.97 1.25 0.00	34.29 1.89 0.00	49.68 2.41 0.00	57.23 2.92 0.00	46.92 2.47 0.00	38.72 2.22 0.00	33.97 1.69 0.00	34.40 1.45 0.00
KEDC_PORT_JEFF_GT3 24211	40.52 0.96 0.00	36.54 0.67 0.00	36.84 0.66 0.00	34.84 0.68 0.00	32.90 0.62 0.00	30.63 0.94 0.00	43.10 1.89 0.00	79.40 3.25 0.00	58.62 2.48 -0.04	35.76 1.57 -0.01	35.03 1.75 0.00	29.83 1.21 0.00	27.69 0.97 0.00	28.20 0.73 0.00	25.91 1.06 0.00	22.12 0.89 0.00	25.97 1.25 0.00	34.29 1.89 0.00	49.68 2.41 0.00	57.23 2.92 0.00	46.92 2.47 0.00	38.72 2.22 0.00	33.97 1.69 0.00	34.40 1.45 0.00
KEDC_GLWD_GT4 24219	41.00 1.44 0.00	37.07 1.20 0.00	37.35 1.17 0.00	35.23 1.07 0.00	33.26 0.98 0.00	30.78 1.09 0.00	43.16 1.95 0.00	79.94 3.79 0.00	59.05 2.91 -0.04	36.08 1.88 -0.01	35.21 1.93 0.00	30.01 1.39 0.00	27.96 1.24 0.00	28.59 1.13 0.00	26.12 1.27 0.00	22.36 1.14 0.00	26.15 1.44 0.00	34.35 1.96 0.00	49.83 2.56 0.00	57.38 3.08 0.00	47.07 2.62 0.00	38.64 2.14 0.00	34.00 1.73 0.00	34.52 1.58 0.00
KEDC_GLWD_GT5 24220	41.00 1.44 0.00	37.07 1.20 0.00	37.35 1.17 0.00	35.23 1.07 0.00	33.26 0.98 0.00	30.78 1.09 0.00	43.16 1.95 0.00	79.94 3.79 0.00	59.05 2.91 -0.04	36.08 1.88 -0.01	35.21 1.93 0.00	30.01 1.39 0.00	27.96 1.24 0.00	28.59 1.13 0.00	26.12 1.27 0.00	22.36 1.14 0.00	26.15 1.44 0.00	34.35 1.96 0.00	49.83 2.56 0.00	57.38 3.08 0.00	47.07 2.62 0.00	38.64 2.14 0.00	34.00 1.73 0.00	34.52 1.58 0.00

KENSICO____ 23655	40.74 1.18 0.00	36.91 1.03 0.00	37.19 1.01 0.00	35.05 0.90 0.00	33.09 0.81 0.00	30.52 0.83 0.00	42.71 1.49 0.00	79.27 3.12 0.00	58.48 2.35 -0.03	35.75 1.56 -0.01	34.76 1.48 0.00	29.70 1.07 0.00	27.74 1.02 0.00	28.46 0.99 0.00	25.91 1.06 0.00	22.19 0.97 0.00	25.90 1.18 0.00	33.87 1.47 0.00	49.23 1.97 0.00	56.63 2.33 0.00	46.48 2.02 0.00	38.07 1.58 0.00	33.61 1.34 0.00	34.25 1.30 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.10 1.54 0.00	37.23 1.36 0.00	37.55 1.37 0.00	35.41 1.26 0.00	33.46 1.18 0.00	30.87 1.18 0.00	43.21 2.00 0.00	80.20 4.05 0.00	58.98 2.88 0.00	35.87 1.68 0.00	34.70 1.42 0.00	29.62 0.99 0.00	27.61 0.90 0.00	28.28 0.81 0.00	25.67 0.83 0.00	21.99 0.76 0.00	25.69 0.97 0.00	33.77 1.37 0.00	49.36 2.10 0.00	56.88 2.58 0.00	46.67 2.21 0.00	38.18 1.69 0.00	33.70 1.43 0.00	34.33 1.39 0.00
KIAC_JFK_GT1 23816	41.17 1.62 0.00	37.38 1.51 0.00	37.62 1.45 0.00	35.45 1.29 0.00	33.33 1.05 0.00	30.65 0.96 0.00	42.85 1.64 0.00	79.61 3.46 0.00	59.59 2.62 -0.87	36.19 1.79 -0.21	35.03 1.75 0.00	29.95 1.32 0.00	28.03 1.31 0.00	28.77 1.30 0.00	26.19 1.34 0.00	22.44 1.21 -0.01	26.05 1.33 0.00	33.87 1.48 0.00	49.24 1.97 0.00	56.60 2.30 0.00	46.53 2.07 0.00	38.12 1.62 0.00	33.82 1.54 0.00	34.51 1.56 0.00
KIAC_JFK_GT2 23817	41.17 1.62 0.00	37.38 1.51 0.00	37.62 1.45 0.00	35.45 1.29 0.00	33.33 1.05 0.00	30.65 0.96 0.00	42.85 1.64 0.00	79.61 3.46 0.00	59.59 2.62 -0.87	36.19 1.79 -0.21	35.03 1.75 0.00	29.95 1.32 0.00	28.03 1.31 0.00	28.77 1.30 0.00	26.19 1.34 0.00	22.44 1.21 -0.01	26.05 1.33 0.00	33.87 1.48 0.00	49.24 1.97 0.00	56.60 2.30 0.00	46.53 2.07 0.00	38.12 1.62 0.00	33.82 1.54 0.00	34.51 1.56 0.00
KIAC_JFK____ 323774	41.17 1.62 0.00	37.38 1.51 0.00	37.63 1.45 0.00	35.44 1.28 0.00	33.33 1.05 0.00	30.65 0.96 0.00	42.85 1.64 0.00	79.60 3.45 0.00	59.59 2.62 -0.87	36.19 1.79 -0.21	35.02 1.74 0.00	29.95 1.33 0.00	28.03 1.31 0.00	28.77 1.30 0.00	26.19 1.34 0.00	22.44 1.21 -0.01	26.05 1.33 0.00	33.87 1.47 0.00	49.25 1.98 0.00	56.60 2.29 0.00	46.54 2.09 0.00	38.11 1.62 0.00	33.82 1.54 0.00	34.50 1.56 0.00
KINTIGH____ 23543	37.43 -2.13 0.00	33.92 -1.96 0.00	34.26 -1.92 0.00	32.04 -2.12 0.00	30.31 -1.97 0.00	27.79 -1.90 0.00	38.12 -3.10 0.00	70.03 -6.12 0.00	51.44 -4.66 0.00	31.54 -2.65 0.00	30.94 -2.35 0.00	26.70 -1.93 0.00	24.84 -1.88 0.00	25.73 -1.74 0.00	23.43 -1.42 0.00	19.95 -1.28 0.00	23.02 -1.70 0.00	30.02 -2.38 0.00	43.50 -3.77 0.00	49.31 -5.00 0.00	40.25 -4.07 0.13	33.05 -3.44 0.00	27.62 -3.17 1.48	26.90 -3.07 2.98
KNTFSRNC_46_KV_46KV_LOAD 80397	40.95 1.39 0.00	37.59 1.71 0.00	37.90 1.73 0.00	35.85 1.69 0.00	33.84 1.57 0.00	30.82 1.13 0.00	42.33 1.11 0.00	78.70 2.56 0.00	58.73 2.63 0.00	35.89 1.70 0.00	34.97 1.69 0.00	30.34 1.72 0.00	28.27 1.56 0.00	29.04 1.57 0.00	26.12 1.27 0.00	22.25 1.03 0.00	25.90 1.18 0.00	33.74 1.34 0.00	49.29 2.03 0.00	56.78 2.48 0.00	46.47 2.01 0.00	38.12 1.62 0.00	33.44 1.17 0.00	33.82 0.88 0.00
LACHUTE__HYDRO 323717	42.86 3.30 0.00	38.73 2.85 0.00	39.15 2.97 0.00	37.09 2.94 0.00	34.93 2.65 0.00	32.31 2.62 0.00	45.65 4.43 0.00	84.09 7.95 0.00	61.12 5.02 0.00	36.50 2.32 0.00	35.15 1.87 0.00	30.41 1.79 0.00	28.34 1.63 0.00	29.01 1.54 0.00	26.23 1.38 0.00	22.75 1.52 0.00	26.81 2.09 0.00	35.15 2.76 0.00	51.44 4.17 0.00	59.31 5.00 0.00	48.92 4.46 0.00	40.51 4.01 0.00	35.66 3.39 0.00	36.40 3.46 0.00
LAWRNCALV_115KV_TB1 80681	40.31 0.75 0.00	36.60 0.72 0.00	36.92 0.74 0.00	34.84 0.69 0.00	32.96 0.68 0.00	30.28 0.58 0.00	41.94 0.73 0.00	77.52 1.37 0.00	57.42 1.32 0.00	34.90 0.71 0.00	33.94 0.66 0.00	29.27 0.64 0.00	27.27 0.56 0.00	28.08 0.61 0.00	25.18 0.34 0.00	21.42 0.20 0.00	24.92 0.20 0.00	32.73 0.33 0.00	47.93 0.67 0.00	55.44 1.13 0.00	45.29 0.84 0.00	37.22 0.73 0.00	32.74 0.47 0.00	33.27 0.33 0.00
LEDERLE____ 23769	40.63 1.07 0.00	36.80 0.93 0.00	37.09 0.91 0.00	34.93 0.78 0.00	32.98 0.70 0.00	30.43 0.74 0.00	42.55 1.34 0.00	79.11 2.96 0.00	58.28 2.18 0.00	35.58 1.39 0.00	34.58 1.30 0.00	29.55 0.93 0.00	27.60 0.89 0.00	28.34 0.87 0.00	25.80 0.96 0.00	22.11 0.88 0.00	25.81 1.10 0.00	33.75 1.36 0.00	49.14 1.87 0.00	56.52 2.22 0.00	46.35 1.89 0.00	37.90 1.41 0.00	33.48 1.21 0.00	34.12 1.17 0.00
LIGHTHSE_115KV_TB6 355974	38.52 -1.04 0.00	34.84 -1.04 0.00	35.19 -0.99 0.00	33.40 -0.76 0.00	31.73 -0.55 0.00	29.27 -0.42 0.00	40.47 -0.74 0.00	74.65 -1.50 0.00	54.60 -1.50 0.00	33.00 -1.18 0.00	31.95 -1.33 0.00	27.46 -1.16 0.00	25.59 -1.13 0.00	26.32 -1.15 0.00	23.81 -1.04 0.00	20.32 -0.90 0.00	23.61 -1.11 0.00	31.17 -1.23 0.00	45.90 -1.36 0.00	52.71 -1.59 0.00	42.85 -1.61 0.00	35.04 -1.45 0.00	31.02 -1.25 0.00	31.66 -1.29 0.00
LINDEN COGEN____ 23786	40.81 1.26 0.00	36.98 1.11 0.00	37.27 1.09 0.00	35.09 0.93 0.00	33.12 0.84 0.00	30.56 0.87 0.00	42.75 1.53 0.00	79.49 3.35 0.00	59.54 2.56 -0.87	36.10 1.70 -0.21	34.89 1.61 0.00	29.81 1.19 0.00	27.87 1.16 0.00	28.60 1.13 0.00	26.06 1.21 0.00	22.33 1.10 -0.01	26.02 1.30 0.00	33.92 1.53 0.00	49.28 2.02 0.00	56.69 2.39 0.00	46.57 2.12 0.00	38.08 1.59 0.00	33.64 1.37 0.00	34.27 1.32 0.00
LINDHRST_69_KV_BK1 356055	41.14 1.59 0.00	37.12 1.24 0.00	37.42 1.24 0.00	35.30 1.14 0.00	33.33 1.05 0.00	30.92 1.23 0.00	43.43 2.22 0.00	80.32 4.17 0.00	59.29 3.15 -0.04	36.20 2.00 -0.01	35.38 2.10 0.00	30.07 1.45 0.00	27.95 1.23 0.00	28.54 1.08 0.00	26.12 1.28 0.00	22.36 1.14 0.00	26.21 1.49 0.00	34.52 2.13 0.00	50.12 2.85 0.00	57.76 3.46 0.00	47.38 2.92 0.00	38.95 2.46 0.00	34.19 1.92 0.00	34.66 1.72 0.00
LIPA_MISC_IPP 23656	40.02 0.46 0.00	36.10 0.22 0.00	36.39 0.21 0.00	34.47 0.31 0.00	32.51 0.24 0.00	30.37 0.68 0.00	42.83 1.61 0.00	78.75 2.60 0.00	58.11 1.97 -0.04	35.37 1.18 -0.01	34.72 1.44 0.00	29.58 0.95 0.00	27.46 0.75 0.00	27.95 0.48 0.00	25.74 0.89 0.00	21.92 0.70 0.00	25.76 1.05 0.00	34.04 1.64 0.00	49.20 1.94 0.00	56.68 2.37 0.00	46.44 1.99 0.00	38.48 1.98 0.00	33.73 1.46 0.00	34.11 1.17 0.00
LISF__SOLAR 323691	40.06 0.50 0.00	36.13 0.26 0.00	36.43 0.25 0.00	34.51 0.35 0.00	32.55 0.27 0.00	30.41 0.72 0.00	42.89 1.68 0.00	78.85 2.70 0.00	58.19 2.05 -0.04	35.41 1.21 -0.01	34.74 1.46 0.00	29.59 0.96 0.00	27.48 0.77 0.00	27.94 0.48 0.00	25.73 0.89 0.00	21.92 0.70 0.00	25.77 1.06 0.00	34.07 1.67 0.00	49.26 2.00 0.00	56.78 2.47 0.00	46.51 2.06 0.00	38.55 2.05 0.00	33.77 1.50 0.00	34.15 1.21 0.00

LITTLE FALLS___HYD 24013	39.41 -0.15 0.00	35.66 -0.21 0.00	35.91 -0.27 0.00	33.97 -0.19 0.00	32.14 -0.14 0.00	29.72 0.03 0.00	41.74 0.53 0.00	77.06 0.91 0.00	56.00 -0.10 0.00	33.47 -0.72 0.00	32.27 -1.02 0.00	27.59 -1.03 0.00	25.75 -0.96 0.00	26.38 -1.09 0.00	23.91 -0.93 0.00	20.49 -0.73 0.00	24.22 -0.49 0.00	32.20 -0.19 0.00	47.53 0.26 0.00	54.85 0.54 0.00	45.00 0.54 0.00	36.99 0.50 0.00	32.74 0.47 0.00	33.36 0.42 0.00
LITTLRIV_115KV_TB1 356100	40.98 1.42 0.00	37.19 1.32 0.00	37.52 1.34 0.00	35.39 1.23 0.00	33.48 1.20 0.00	30.78 1.09 0.00	42.66 1.45 0.00	78.88 2.73 0.00	58.23 2.13 0.00	35.17 0.98 0.00	34.11 0.83 0.00	29.41 0.78 0.00	27.40 0.69 0.00	28.22 0.75 0.00	25.31 0.46 0.00	21.52 0.29 0.00	25.03 0.31 0.00	32.93 0.54 0.00	48.54 1.27 0.00	56.37 2.06 0.00	46.07 1.61 0.00	37.86 1.36 0.00	33.28 1.01 0.00	33.79 0.85 0.00
LI_NEWBRDGE___DRP 323616	40.64 1.08 0.00	36.75 0.88 0.00	37.05 0.87 0.00	34.94 0.79 0.00	33.00 0.72 0.00	30.54 0.85 0.00	42.82 1.60 0.00	79.23 3.09 0.00	58.50 2.36 -0.04	35.74 1.55 -0.01	34.91 1.63 0.00	29.75 1.13 0.00	27.72 1.00 0.00	28.35 0.88 0.00	25.89 1.05 0.00	22.17 0.94 0.00	25.91 1.20 0.00	34.03 1.63 0.00	49.36 2.09 0.00	56.82 2.51 0.00	46.64 2.18 0.00	38.32 1.83 0.00	33.73 1.45 0.00	34.26 1.31 0.00
LOCKPORT_115KV_TB60_63_64 80432	37.46 -2.10 0.00	33.95 -1.93 0.00	34.28 -1.90 0.00	32.02 -2.14 0.00	30.31 -1.97 0.00	27.81 -1.88 0.00	37.92 -3.30 0.00	69.46 -6.68 0.00	51.03 -5.07 0.00	31.32 -2.87 0.00	30.71 -2.57 0.00	26.47 -2.16 0.00	24.61 -2.10 0.00	25.57 -1.90 0.00	23.28 -1.57 0.00	19.79 -1.44 0.00	22.86 -1.86 0.00	29.73 -2.67 0.00	43.09 -4.18 0.00	48.76 -5.54 0.00	39.70 -4.56 0.20	32.67 -3.83 0.00	26.47 -3.59 2.21	25.11 -3.49 4.35
LOCKPORT___CC1 323769	37.42 -2.14 0.00	33.95 -1.93 0.00	34.31 -1.87 0.00	31.99 -2.17 0.00	30.28 -2.00 0.00	27.77 -1.92 0.00	37.90 -3.31 0.00	69.41 -6.73 0.00	51.00 -5.10 0.00	31.29 -2.90 0.00	30.69 -2.60 0.00	26.45 -2.17 0.00	24.60 -2.11 0.00	25.56 -1.91 0.00	23.26 -1.58 0.00	19.78 -1.45 0.00	22.84 -1.88 0.00	29.72 -2.68 0.00	43.07 -4.20 0.00	48.71 -5.59 0.00	39.58 -4.64 0.23	32.62 -3.88 0.00	26.02 -3.62 2.64	24.32 -3.49 5.13
LOCKPORT___CC2 323770	37.42 -2.14 0.00	33.95 -1.93 0.00	34.31 -1.87 0.00	31.99 -2.17 0.00	30.28 -2.00 0.00	27.77 -1.92 0.00	37.90 -3.31 0.00	69.41 -6.73 0.00	51.00 -5.10 0.00	31.29 -2.90 0.00	30.69 -2.60 0.00	26.45 -2.17 0.00	24.60 -2.11 0.00	25.56 -1.91 0.00	23.26 -1.58 0.00	19.78 -1.45 0.00	22.84 -1.88 0.00	29.72 -2.68 0.00	43.07 -4.20 0.00	48.71 -5.59 0.00	39.58 -4.64 0.23	32.62 -3.88 0.00	26.02 -3.62 2.64	24.32 -3.49 5.13
LOCKPORT___CC3 323771	37.42 -2.14 0.00	33.95 -1.93 0.00	34.31 -1.87 0.00	31.99 -2.17 0.00	30.28 -2.00 0.00	27.77 -1.92 0.00	37.90 -3.31 0.00	69.41 -6.73 0.00	51.00 -5.10 0.00	31.29 -2.90 0.00	30.69 -2.60 0.00	26.45 -2.17 0.00	24.60 -2.11 0.00	25.56 -1.91 0.00	23.26 -1.58 0.00	19.78 -1.45 0.00	22.84 -1.88 0.00	29.72 -2.68 0.00	43.07 -4.20 0.00	48.71 -5.59 0.00	39.58 -4.64 0.23	32.62 -3.88 0.00	26.02 -3.62 2.64	24.32 -3.49 5.13
LONG_LAKE_PHOENIX 24014	38.23 -1.33 0.00	34.64 -1.23 0.00	34.97 -1.21 0.00	33.02 -1.14 0.00	31.23 -1.06 0.00	28.73 -0.97 0.00	39.72 -1.50 0.00	73.36 -2.79 0.00	53.82 -2.28 0.00	32.71 -1.48 0.00	31.80 -1.48 0.00	27.41 -1.22 0.00	25.54 -1.17 0.00	26.28 -1.19 0.00	23.80 -1.05 0.00	20.33 -0.89 0.00	23.62 -1.10 0.00	30.98 -1.42 0.00	45.34 -1.93 0.00	51.99 -2.31 0.00	42.54 -1.92 0.00	34.87 -1.62 0.00	30.96 -1.31 0.00	31.69 -1.26 0.00
LOVETT___3 23632	40.47 0.91 0.00	36.66 0.79 0.00	36.96 0.77 0.00	34.82 0.66 0.00	32.87 0.59 0.00	30.32 0.62 0.00	42.39 1.18 0.00	78.74 2.60 0.00	58.03 1.93 0.00	35.44 1.25 0.00	34.46 1.18 0.00	29.45 0.82 0.00	27.50 0.79 0.00	28.23 0.76 0.00	25.71 0.86 0.00	22.02 0.80 0.00	25.70 0.98 0.00	33.60 1.20 0.00	48.90 1.63 0.00	56.24 1.94 0.00	46.14 1.68 0.00	37.75 1.26 0.00	33.36 1.09 0.00	34.00 1.06 0.00
LOVETT___4 23642	40.47 0.91 0.00	36.66 0.79 0.00	36.96 0.77 0.00	34.82 0.66 0.00	32.87 0.59 0.00	30.32 0.62 0.00	42.39 1.18 0.00	78.74 2.60 0.00	58.03 1.93 0.00	35.44 1.25 0.00	34.46 1.18 0.00	29.45 0.82 0.00	27.50 0.79 0.00	28.23 0.76 0.00	25.71 0.86 0.00	22.02 0.80 0.00	25.70 0.98 0.00	33.60 1.20 0.00	48.90 1.63 0.00	56.24 1.94 0.00	46.14 1.68 0.00	37.75 1.26 0.00	33.36 1.09 0.00	34.00 1.06 0.00
LOVETT___5 23593	40.47 0.91 0.00	36.66 0.79 0.00	36.96 0.77 0.00	34.82 0.66 0.00	32.87 0.59 0.00	30.32 0.62 0.00	42.39 1.18 0.00	78.74 2.60 0.00	58.03 1.93 0.00	35.44 1.25 0.00	34.46 1.18 0.00	29.45 0.82 0.00	27.50 0.79 0.00	28.23 0.76 0.00	25.71 0.86 0.00	22.02 0.80 0.00	25.70 0.98 0.00	33.60 1.20 0.00	48.90 1.63 0.00	56.24 1.94 0.00	46.14 1.68 0.00	37.75 1.26 0.00	33.36 1.09 0.00	34.00 1.06 0.00
LOWER RAQUET___HYD 24057	40.23 0.68 0.00	36.53 0.66 0.00	36.86 0.68 0.00	34.80 0.64 0.00	32.93 0.65 0.00	30.27 0.57 0.00	41.92 0.71 0.00	77.47 1.32 0.00	57.38 1.28 0.00	34.82 0.63 0.00	33.85 0.57 0.00	29.18 0.56 0.00	27.19 0.48 0.00	27.99 0.52 0.00	25.09 0.24 0.00	21.35 0.12 0.00	24.83 0.11 0.00	32.64 0.25 0.00	47.85 0.59 0.00	55.37 1.06 0.00	45.21 0.75 0.00	37.16 0.67 0.00	32.67 0.40 0.00	33.19 0.24 0.00
LOWER___HUDSON 24059	40.51 0.95 0.00	36.72 0.85 0.00	37.01 0.83 0.00	34.99 0.84 0.00	33.06 0.78 0.00	30.48 0.79 0.00	42.55 1.33 0.00	78.48 2.34 0.00	57.63 1.53 0.00	35.02 0.83 0.00	34.02 0.74 0.00	29.15 0.53 0.00	27.20 0.48 0.00	27.89 0.42 0.00	25.29 0.44 0.00	21.68 0.45 0.00	25.41 0.69 0.00	33.44 1.04 0.00	48.79 1.52 0.00	56.04 1.74 0.00	46.04 1.58 0.00	37.84 1.35 0.00	33.46 1.19 0.00	34.15 1.21 0.00
LOWVILLE_115KV_TB2 356335	39.61 0.05 0.00	35.72 -0.15 0.00	36.09 -0.09 0.00	34.59 0.43 0.00	32.95 0.67 0.00	30.56 0.87 0.00	42.49 1.27 0.00	78.24 2.10 0.00	57.22 1.12 0.00	34.43 0.24 0.00	33.20 -0.08 0.00	28.49 -0.14 0.00	26.52 -0.20 0.00	27.21 -0.25 0.00	24.56 -0.29 0.00	20.88 -0.35 0.00	24.32 -0.39 0.00	32.36 -0.04 0.00	47.87 0.60 0.00	54.89 0.58 0.00	44.22 -0.23 0.00	35.96 -0.53 0.00	31.69 -0.58 0.00	32.17 -0.78 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.96 1.41 0.00	37.12 1.24 0.00	37.42 1.24 0.00	35.38 1.23 0.00	33.45 1.17 0.00	30.86 1.16 0.00	43.13 1.91 0.00	79.64 3.49 0.00	58.32 2.21 0.00	35.28 1.09 0.00	34.30 1.02 0.00	29.44 0.82 0.00	27.44 0.73 0.00	28.15 0.69 0.00	25.50 0.65 0.00	21.87 0.64 0.00	25.70 0.98 0.00	33.90 1.51 0.00	49.59 2.33 0.00	56.95 2.64 0.00	46.73 2.28 0.00	38.40 1.91 0.00	33.93 1.66 0.00	34.62 1.68 0.00

LUTHERNY_35_KV_BK2 355980	40.95 1.39 0.00	37.10 1.23 0.00	37.40 1.22 0.00	35.36 1.21 0.00	33.44 1.17 0.00	30.86 1.17 0.00	43.16 1.94 0.00	79.77 3.62 0.00	58.34 2.24 0.00	35.26 1.07 0.00	34.28 0.99 0.00	29.46 0.83 0.00	27.44 0.72 0.00	28.15 0.68 0.00	25.48 0.64 0.00	21.87 0.64 0.00	25.72 1.00 0.00	33.96 1.56 0.00	49.64 2.37 0.00	56.89 2.58 0.00	46.72 2.27 0.00	38.41 1.92 0.00	33.95 1.67 0.00	34.65 1.70 0.00
LWR___OSWEGATCHIE_HYD 23850	39.67 0.11 0.00	35.89 0.02 0.00	36.24 0.06 0.00	34.47 0.31 0.00	32.74 0.46 0.00	30.22 0.53 0.00	41.91 0.70 0.00	77.31 1.17 0.00	56.86 0.76 0.00	34.34 0.15 0.00	33.22 -0.07 0.00	28.56 -0.06 0.00	26.60 -0.12 0.00	27.34 -0.13 0.00	24.59 -0.26 0.00	20.91 -0.32 0.00	24.34 -0.37 0.00	32.21 -0.18 0.00	47.50 0.24 0.00	54.78 0.47 0.00	44.44 -0.02 0.00	36.34 -0.16 0.00	31.97 -0.30 0.00	32.47 -0.47 0.00
LYONS_FALL_HYD 23570	39.85 0.30 0.00	35.98 0.11 0.00	36.33 0.15 0.00	34.62 0.46 0.00	32.90 0.62 0.00	30.46 0.78 0.00	42.40 1.18 0.00	78.21 2.06 0.00	57.24 1.14 0.00	34.54 0.36 0.00	33.38 0.10 0.00	28.64 0.01 0.00	26.67 -0.05 0.00	27.38 -0.09 0.00	24.73 -0.12 0.00	21.06 -0.16 0.00	24.57 -0.15 0.00	32.57 0.17 0.00	47.99 0.72 0.00	55.07 0.76 0.00	44.62 0.16 0.00	36.40 -0.10 0.00	32.11 -0.16 0.00	32.65 -0.30 0.00
MADISON___COUNTY_LFGE 323628	40.11 0.56 0.00	36.27 0.40 0.00	36.60 0.42 0.00	34.60 0.44 0.00	32.77 0.50 0.00	30.29 0.60 0.00	42.20 0.99 0.00	78.09 1.94 0.00	57.17 1.07 0.00	34.51 0.33 0.00	33.40 0.12 0.00	28.66 0.04 0.00	26.70 -0.02 0.00	27.44 -0.03 0.00	24.83 -0.02 0.00	21.21 -0.02 0.00	24.75 0.04 0.00	32.63 0.24 0.00	47.99 0.73 0.00	55.15 0.84 0.00	45.00 0.54 0.00	36.83 0.33 0.00	32.55 0.28 0.00	33.18 0.24 0.00
MALONE___115KV_TB1 356076	40.70 1.14 0.00	37.16 1.28 0.00	37.45 1.27 0.00	35.37 1.21 0.00	33.43 1.15 0.00	30.62 0.93 0.00	42.29 1.08 0.00	78.47 2.32 0.00	58.36 2.26 0.00	35.55 1.36 0.00	34.58 1.30 0.00	29.82 1.20 0.00	27.77 1.05 0.00	28.56 1.09 0.00	25.61 0.77 0.00	21.79 0.56 0.00	25.35 0.64 0.00	33.23 0.83 0.00	48.60 1.34 0.00	56.16 1.85 0.00	45.91 1.45 0.00	37.69 1.20 0.00	33.10 0.83 0.00	33.54 0.60 0.00
MAPLEWOD_115KV_TB3 80458	40.67 1.11 0.00	36.86 0.99 0.00	37.15 0.97 0.00	35.11 0.95 0.00	33.18 0.90 0.00	30.57 0.88 0.00	42.63 1.41 0.00	78.66 2.51 0.00	57.83 1.73 0.00	35.19 1.01 0.00	34.17 0.89 0.00	29.27 0.64 0.00	27.32 0.60 0.00	28.03 0.56 0.00	25.42 0.57 0.00	21.77 0.54 0.00	25.48 0.76 0.00	33.51 1.12 0.00	48.89 1.62 0.00	56.16 1.86 0.00	46.09 1.64 0.00	37.87 1.38 0.00	33.51 1.24 0.00	34.18 1.24 0.00
MAPLE_RIDGE_WT_1 323574	39.07 -0.49 0.00	35.41 -0.46 0.00	35.61 -0.57 0.00	33.72 -0.44 0.00	31.98 -0.30 0.00	29.51 -0.18 0.00	41.03 -0.18 0.00	75.64 -0.51 0.00	55.90 -0.20 0.00	34.29 0.10 0.00	33.51 0.23 0.00	28.85 0.22 0.00	26.91 0.20 0.00	27.66 0.19 0.00	24.96 0.11 0.00	21.29 0.06 0.00	24.76 0.04 0.00	32.45 0.06 0.00	47.30 0.03 0.00	53.95 -0.36 0.00	43.65 -0.80 0.00	35.76 -0.74 0.00	31.51 -0.76 0.00	32.14 -0.81 0.00
MAPLE_RIDGE_WT_2 323611	39.07 -0.49 0.00	35.41 -0.46 0.00	35.61 -0.57 0.00	33.72 -0.44 0.00	31.98 -0.30 0.00	29.51 -0.18 0.00	41.03 -0.18 0.00	75.64 -0.51 0.00	55.90 -0.20 0.00	34.29 0.10 0.00	33.51 0.23 0.00	28.85 0.22 0.00	26.91 0.20 0.00	27.66 0.19 0.00	24.96 0.11 0.00	21.29 0.06 0.00	24.76 0.04 0.00	32.45 0.06 0.00	47.30 0.03 0.00	53.95 -0.36 0.00	43.65 -0.80 0.00	35.76 -0.74 0.00	31.51 -0.76 0.00	32.14 -0.81 0.00
MARBLE_RIVER_WT_PWR 323696	40.59 1.04 0.00	37.47 1.59 0.00	37.74 1.56 0.00	35.77 1.61 0.00	33.76 1.48 0.00	30.67 0.98 0.00	41.91 0.69 0.00	78.13 1.98 0.00	58.46 2.35 0.00	35.82 1.64 0.00	34.95 1.67 0.00	30.37 1.75 0.00	28.33 1.62 0.00	29.09 1.62 0.00	26.19 1.34 0.00	22.31 1.09 0.00	25.97 1.25 0.00	33.75 1.36 0.00	49.19 1.92 0.00	56.49 2.19 0.00	46.19 1.74 0.00	37.88 1.39 0.00	33.22 0.94 0.00	33.50 0.55 0.00
MARSHVLE_115KV_TB1 80742	41.42 1.86 0.00	37.54 1.67 0.00	37.82 1.64 0.00	35.71 1.56 0.00	33.82 1.54 0.00	31.17 1.48 0.00	43.24 2.02 0.00	80.02 3.87 0.00	58.18 2.08 0.00	34.87 0.68 0.00	33.92 0.64 0.00	29.14 0.51 0.00	27.17 0.45 0.00	27.95 0.48 0.00	25.28 0.43 0.00	21.49 0.26 0.00	25.00 0.29 0.00	33.14 0.74 0.00	49.08 1.81 0.00	56.46 2.15 0.00	46.04 1.58 0.00	37.71 1.22 0.00	33.37 1.09 0.00	33.94 0.99 0.00
MARSH_HILL_WT_PWR 323713	38.03 -1.52 0.00	34.74 -1.13 0.00	35.01 -1.17 0.00	32.44 -1.72 0.00	30.65 -1.63 0.00	28.33 -1.36 0.00	39.28 -1.94 0.00	73.08 -3.06 0.00	53.67 -2.43 0.00	32.55 -1.64 0.00	31.47 -1.82 0.00	27.08 -1.54 0.00	25.17 -1.54 0.00	25.90 -1.56 0.00	23.27 -1.58 0.00	19.74 -1.49 0.00	22.81 -1.91 0.00	29.90 -2.50 0.00	44.00 -3.27 0.00	49.93 -4.38 0.00	40.90 -4.35 0.00	32.47 -4.02 0.00	37.57 -3.67 0.00	44.31 -3.68 0.00
MCINTYRE_115KV_TB2 80467	41.37 1.82 0.00	37.56 1.69 0.00	37.89 1.71 0.00	35.70 1.54 0.00	33.77 1.49 0.00	31.03 1.34 0.00	43.04 1.82 0.00	79.57 3.42 0.00	58.68 2.58 0.00	35.38 1.19 0.00	34.34 1.06 0.00	29.62 0.99 0.00	27.61 0.90 0.00	28.44 0.97 0.00	25.48 0.64 0.00	21.68 0.46 0.00	25.23 0.51 0.00	33.16 0.76 0.00	48.87 1.60 0.00	56.89 2.58 0.00	46.54 2.08 0.00	38.25 1.76 0.00	33.62 1.34 0.00	34.14 1.20 0.00
MECO_____69_KV_BK1 80468	41.82 2.27 0.00	37.89 2.01 0.00	38.19 2.02 0.00	36.07 1.91 0.00	34.15 1.88 0.00	31.53 1.84 0.00	43.93 2.72 0.00	81.31 5.16 0.00	58.87 2.77 0.00	34.91 0.73 0.00	33.65 0.37 0.00	28.78 0.16 0.00	26.83 0.12 0.00	27.56 0.09 0.00	24.93 0.09 0.00	21.28 0.05 0.00	24.87 0.14 0.00	33.31 0.91 0.00	49.75 2.48 0.00	57.46 3.16 0.00	47.00 2.54 0.00	38.51 2.02 0.00	34.00 1.72 0.00	34.58 1.63 0.00
MENANDS___115KV_TB5 355628	40.56 1.01 0.00	36.78 0.91 0.00	37.07 0.89 0.00	35.04 0.88 0.00	33.11 0.83 0.00	30.49 0.80 0.00	42.51 1.29 0.00	78.43 2.29 0.00	57.68 1.58 0.00	35.15 0.96 0.00	34.14 0.86 0.00	29.25 0.63 0.00	27.31 0.59 0.00	28.02 0.55 0.00	25.41 0.57 0.00	21.77 0.54 0.00	25.48 0.76 0.00	33.47 1.07 0.00	48.77 1.50 0.00	56.01 1.70 0.00	45.99 1.53 0.00	37.78 1.29 0.00	33.43 1.16 0.00	34.11 1.17 0.00
MG INDUSTRY___DRP 24185	40.58 1.02 0.00	36.79 0.92 0.00	37.10 0.92 0.00	35.07 0.91 0.00	33.14 0.86 0.00	30.51 0.82 0.00	42.52 1.31 0.00	78.43 2.28 0.00	57.51 1.40 0.00	34.89 0.70 0.00	33.87 0.59 0.00	29.04 0.42 0.00	27.14 0.43 0.00	27.93 0.46 0.00	25.25 0.41 0.00	21.59 0.37 0.00	25.27 0.55 0.00	33.30 0.91 0.00	48.68 1.41 0.00	55.94 1.64 0.00	45.86 1.41 0.00	37.68 1.19 0.00	33.34 1.06 0.00	34.02 1.07 0.00

MID___OSWEGATCHIE_HYD 23849	39.67 0.11 0.00	35.89 0.02 0.00	36.24 0.06 0.00	34.47 0.31 0.00	32.74 0.46 0.00	30.22 0.53 0.00	41.91 0.70 0.00	77.31 1.17 0.00	56.86 0.76 0.00	34.34 0.15 0.00	33.22 -0.07 0.00	28.56 -0.06 0.00	26.60 -0.12 0.00	27.34 -0.13 0.00	24.59 -0.26 0.00	20.91 -0.32 0.00	24.34 -0.37 0.00	32.21 -0.18 0.00	47.50 0.24 0.00	54.78 0.47 0.00	44.44 -0.02 0.00	36.34 -0.16 0.00	31.97 -0.30 0.00	32.47 -0.47 0.00
MID___RAQUETTE_HYD 23851	40.23 0.68 0.00	36.53 0.66 0.00	36.86 0.68 0.00	34.80 0.65 0.00	32.93 0.65 0.00	30.27 0.57 0.00	41.92 0.71 0.00	77.47 1.32 0.00	57.38 1.28 0.00	34.82 0.63 0.00	33.85 0.57 0.00	29.18 0.56 0.00	27.19 0.48 0.00	27.99 0.52 0.00	25.09 0.24 0.00	21.35 0.12 0.00	24.83 0.11 0.00	32.64 0.25 0.00	47.85 0.59 0.00	55.37 1.06 0.00	45.21 0.76 0.00	37.16 0.67 0.00	32.67 0.40 0.00	33.20 0.25 0.00
MILLIKEN___1 23584	39.54 -0.02 0.00	35.81 -0.07 0.00	36.16 -0.01 0.00	34.10 -0.05 0.00	32.26 -0.02 0.00	29.73 0.05 0.00	41.33 0.11 0.00	76.50 0.35 0.00	55.97 -0.13 0.00	33.79 -0.40 0.00	32.60 -0.68 0.00	28.01 -0.61 0.00	26.11 -0.60 0.00	26.86 -0.60 0.00	24.31 -0.54 0.00	20.76 -0.47 0.00	24.14 -0.58 0.00	31.82 -0.57 0.00	46.88 -0.39 0.00	53.84 -0.46 0.00	44.08 -0.43 -0.06	35.98 -0.51 0.00	32.46 -0.48 -0.66	34.95 -0.50 -2.50
MILLIKEN___2 23585	39.54 -0.02 0.00	35.81 -0.07 0.00	36.16 -0.01 0.00	34.10 -0.05 0.00	32.26 -0.02 0.00	29.73 0.05 0.00	41.33 0.11 0.00	76.50 0.35 0.00	55.97 -0.13 0.00	33.79 -0.40 0.00	32.60 -0.68 0.00	28.01 -0.61 0.00	26.11 -0.60 0.00	26.86 -0.60 0.00	24.31 -0.54 0.00	20.76 -0.47 0.00	24.14 -0.58 0.00	31.82 -0.57 0.00	46.88 -0.39 0.00	53.84 -0.46 0.00	44.08 -0.43 -0.06	35.98 -0.51 0.00	32.46 -0.48 -0.66	34.95 -0.50 -2.50
MILLIKEN___DIESEL 23629	39.54 -0.02 0.00	35.81 -0.07 0.00	36.16 -0.01 0.00	34.10 -0.05 0.00	32.26 -0.02 0.00	29.73 0.05 0.00	41.33 0.11 0.00	76.50 0.35 0.00	55.97 -0.13 0.00	33.79 -0.40 0.00	32.60 -0.68 0.00	28.01 -0.61 0.00	26.11 -0.60 0.00	26.86 -0.60 0.00	24.31 -0.54 0.00	20.76 -0.47 0.00	24.14 -0.58 0.00	31.82 -0.57 0.00	46.88 -0.39 0.00	53.84 -0.46 0.00	44.08 -0.43 -0.06	35.98 -0.51 0.00	32.46 -0.48 -0.66	34.95 -0.50 -2.50
MILLSEAT___LFGE 323607	38.25 -1.30 0.00	34.69 -1.19 0.00	35.05 -1.13 0.00	32.74 -1.42 0.00	31.00 -1.28 0.00	28.49 -1.20 0.00	39.04 -2.17 0.00	71.75 -4.40 0.00	52.59 -3.51 0.00	32.03 -2.16 0.00	31.25 -2.04 0.00	26.86 -1.76 0.00	24.97 -1.75 0.00	25.95 -1.51 0.00	23.55 -1.29 0.00	20.03 -1.20 0.00	23.25 -1.47 0.00	30.30 -2.09 0.00	44.13 -3.13 0.00	50.16 -4.14 0.00	40.88 -3.42 0.16	33.58 -2.91 0.00	27.71 -2.78 1.78	26.70 -2.69 3.56
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.61 1.06 0.00	36.80 0.93 0.00	37.08 0.90 0.00	34.95 0.79 0.00	32.99 0.71 0.00	30.43 0.74 0.00	42.57 1.35 0.00	79.02 2.87 0.00	58.27 2.14 -0.02	35.59 1.40 0.00	34.61 1.33 0.00	29.57 0.95 0.00	27.62 0.90 0.00	28.34 0.87 0.00	25.80 0.96 0.00	22.10 0.88 0.00	25.79 1.08 0.00	33.74 1.34 0.00	49.07 1.80 0.00	56.45 2.15 0.00	46.31 1.85 0.00	37.92 1.43 0.00	33.50 1.22 0.00	34.14 1.20 0.00
MILLWOOD_13_KV_LOAD 356217	40.66 1.10 0.00	36.84 0.97 0.00	37.12 0.94 0.00	34.99 0.83 0.00	33.03 0.75 0.00	30.46 0.77 0.00	42.62 1.40 0.00	79.12 2.98 0.00	58.35 2.22 -0.02	35.65 1.46 0.00	34.64 1.36 0.00	29.60 0.98 0.00	27.65 0.93 0.00	28.37 0.90 0.00	25.83 0.98 0.00	22.13 0.90 0.00	25.82 1.10 0.00	33.77 1.38 0.00	49.14 1.87 0.00	56.52 2.22 0.00	46.37 1.92 0.00	37.97 1.48 0.00	33.54 1.27 0.00	34.18 1.23 0.00
MODEL_CITY_ENERGY 24167	37.14 -2.42 0.00	33.69 -2.18 0.00	34.05 -2.13 0.00	31.75 -2.41 0.00	30.05 -2.23 0.00	27.56 -2.13 0.00	37.51 -3.71 0.00	68.63 -7.52 0.00	50.43 -5.67 0.00	31.01 -3.18 0.00	30.43 -2.85 0.00	26.24 -2.38 0.00	24.40 -2.31 0.00	25.36 -2.11 0.00	23.10 -1.74 0.00	19.64 -1.58 0.00	22.66 -2.06 0.00	29.46 -2.93 0.00	42.65 -4.61 0.00	48.23 -6.08 0.00	39.26 -5.01 0.19	32.36 -4.13 0.00	26.30 -3.86 2.12	25.02 -3.74 4.19
MODERN_LFGE___ 323580	37.14 -2.42 0.00	33.69 -2.18 0.00	34.05 -2.13 0.00	31.75 -2.41 0.00	30.05 -2.23 0.00	27.56 -2.13 0.00	37.51 -3.71 0.00	68.63 -7.52 0.00	50.43 -5.67 0.00	31.01 -3.18 0.00	30.43 -2.85 0.00	26.24 -2.38 0.00	24.40 -2.31 0.00	25.36 -2.11 0.00	23.10 -1.74 0.00	19.64 -1.58 0.00	22.66 -2.06 0.00	29.46 -2.93 0.00	42.65 -4.61 0.00	48.23 -6.08 0.00	39.26 -5.01 0.19	32.36 -4.13 0.00	26.30 -3.86 2.12	25.02 -3.74 4.19
MOHAWK_PAPER___DRP 24187	40.67 1.11 0.00	36.86 0.99 0.00	37.15 0.97 0.00	35.11 0.95 0.00	33.18 0.90 0.00	30.57 0.88 0.00	42.63 1.41 0.00	78.66 2.51 0.00	57.83 1.73 0.00	35.19 1.01 0.00	34.17 0.89 0.00	29.27 0.64 0.00	27.32 0.60 0.00	28.03 0.56 0.00	25.42 0.57 0.00	21.77 0.54 0.00	25.48 0.76 0.00	33.51 1.12 0.00	48.89 1.62 0.00	56.16 1.86 0.00	46.09 1.64 0.00	37.87 1.38 0.00	33.51 1.24 0.00	34.18 1.24 0.00
MOHICAN___35_KV_115KV_LD 80490	41.44 1.88 0.00	37.51 1.64 0.00	37.84 1.67 0.00	35.83 1.67 0.00	33.85 1.57 0.00	31.28 1.59 0.00	43.88 2.66 0.00	80.98 4.83 0.00	59.18 3.08 0.00	35.64 1.46 0.00	34.74 1.46 0.00	29.90 1.28 0.00	27.84 1.12 0.00	28.54 1.07 0.00	25.81 0.96 0.00	22.18 0.96 0.00	26.02 1.30 0.00	34.32 1.93 0.00	50.29 3.02 0.00	57.80 3.49 0.00	47.47 3.02 0.00	39.04 2.54 0.00	34.46 2.19 0.00	35.19 2.25 0.00
MONGAUP___HYD 23641	41.01 1.45 0.00	37.13 1.26 0.00	37.42 1.25 0.00	35.29 1.14 0.00	33.34 1.06 0.00	30.76 1.07 0.00	42.78 1.57 0.00	78.85 2.70 0.00	57.85 1.74 0.00	35.19 1.00 0.00	34.17 0.89 0.00	29.10 0.47 0.00	27.17 0.45 0.00	27.89 0.42 0.00	25.36 0.52 0.00	21.72 0.50 0.00	25.34 0.62 0.00	33.15 0.76 0.00	48.88 1.61 0.00	56.53 2.22 0.00	46.40 1.94 0.00	38.01 1.51 0.00	33.73 1.45 0.00	34.34 1.40 0.00
MONTAUK___DIESEL 23721	39.38 -0.18 0.00	35.42 -0.45 0.00	35.81 -0.37 0.00	33.98 -0.18 0.00	31.87 -0.41 0.00	29.90 0.21 0.00	42.37 1.15 0.00	78.49 2.34 0.00	57.86 1.71 -0.04	34.98 0.78 -0.01	34.62 1.34 0.00	29.76 1.14 0.00	27.84 1.12 0.00	28.26 0.79 0.00	26.07 1.22 0.00	22.24 1.02 0.00	26.31 1.60 0.00	34.92 2.52 0.00	50.54 3.27 0.00	58.28 3.97 0.00	47.45 3.00 0.00	39.40 2.90 0.00	34.52 2.25 0.00	34.84 1.89 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.21 -0.35 0.00	35.42 -0.45 0.00	35.88 -0.31 0.00	33.30 -0.86 0.00	30.99 -1.29 0.00	28.29 -1.40 0.00	39.55 -1.67 0.00	73.67 -2.48 0.00	53.82 -2.28 0.00	33.08 -1.10 0.00	32.39 -0.89 0.00	28.07 -0.56 0.00	26.21 -0.51 0.00	27.13 -0.34 0.00	24.56 -0.29 0.00	20.99 -0.24 0.00	24.09 -0.63 0.00	31.22 -1.18 0.00	45.34 -1.93 0.00	51.10 -3.20 0.00	40.75 -3.64 0.07	33.07 -3.42 0.00	28.00 -3.49 0.78	27.45 -3.61 1.89

MORRIS_RIDGE___SOLAR 323848	38.03 -1.53 0.00	34.48 -1.40 0.00	34.82 -1.36 0.00	32.48 -1.68 0.00	30.68 -1.60 0.00	28.26 -1.43 0.00	39.01 -2.20 0.00	72.17 -3.97 0.00	52.77 -3.33 0.00	31.85 -2.34 0.00	30.87 -2.41 0.00	26.60 -2.02 0.00	24.79 -1.92 0.00	25.61 -1.85 0.00	23.10 -1.75 0.00	19.61 -1.61 0.00	22.67 -2.05 0.00	29.75 -2.64 0.00	43.84 -3.43 0.00	49.77 -4.53 0.00	38.60 -4.22 1.64	32.74 -3.75 0.00	10.39 -3.43 18.46	-4.48 -3.50 33.92
MORTIMER_115KV_TB3 55949	38.15 -1.41 0.00	34.57 -1.31 0.00	34.89 -1.28 0.00	32.74 -1.41 0.00	31.00 -1.28 0.00	28.48 -1.20 0.00	39.25 -1.96 0.00	72.34 -3.81 0.00	53.07 -3.03 0.00	32.33 -1.86 0.00	31.59 -1.70 0.00	27.21 -1.41 0.00	25.31 -1.40 0.00	26.15 -1.32 0.00	23.76 -1.08 0.00	20.26 -0.97 0.00	23.41 -1.30 0.00	30.69 -1.71 0.00	44.69 -2.58 0.00	50.93 -3.38 0.00	41.70 -2.76 0.00	34.12 -2.37 0.00	30.09 -2.18 0.00	30.58 -2.10 0.26
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.01 1.46 0.00	37.16 1.28 0.00	37.44 1.26 0.00	35.27 1.12 0.00	33.30 1.02 0.00	30.71 1.02 0.00	42.97 1.76 0.00	79.83 3.68 0.00	60.13 2.81 -1.22	36.34 1.85 -0.30	35.07 1.79 0.00	29.94 1.32 0.00	27.98 1.26 0.00	28.71 1.24 0.00	26.15 1.30 -0.01	22.40 1.16 -0.02	26.12 1.40 0.00	34.10 1.70 0.00	49.51 2.24 0.00	56.93 2.62 0.00	46.75 2.30 0.00	38.27 1.78 0.00	33.80 1.52 0.00	34.44 1.49 0.00
MUNSVILLE_WIND_PWR 323609	40.85 1.29 0.00	37.07 1.20 0.00	37.46 1.28 0.00	35.46 1.30 0.00	33.51 1.23 0.00	31.03 1.34 0.00	43.52 2.30 0.00	80.70 4.55 0.00	58.91 2.81 0.00	35.39 1.20 0.00	34.14 0.86 0.00	29.29 0.67 0.00	27.23 0.52 0.00	27.89 0.42 0.00	25.10 0.25 0.00	21.49 0.26 0.00	25.13 0.41 0.00	33.42 1.03 0.00	49.10 1.83 0.00	55.90 1.60 0.00	45.52 1.02 -0.04	36.87 0.38 0.00	32.87 0.12 -0.49	34.47 -0.01 -1.54
N SALMON___HYD 24042	40.70 1.14 0.00	37.16 1.28 0.00	37.45 1.27 0.00	35.37 1.21 0.00	33.43 1.15 0.00	30.62 0.93 0.00	42.29 1.08 0.00	78.47 2.32 0.00	58.36 2.25 0.00	35.55 1.37 0.00	34.59 1.30 0.00	29.82 1.20 0.00	27.77 1.05 0.00	28.56 1.09 0.00	25.61 0.77 0.00	21.79 0.56 0.00	25.35 0.64 0.00	33.23 0.83 0.00	48.60 1.34 0.00	56.16 1.85 0.00	45.90 1.44 0.00	37.69 1.20 0.00	33.10 0.83 0.00	33.54 0.60 0.00
N.AKRON__115KV_KNAPP 355671	38.19 -1.37 0.00	34.60 -1.27 0.00	34.93 -1.25 0.00	32.68 -1.48 0.00	30.96 -1.32 0.00	28.44 -1.25 0.00	38.95 -2.27 0.00	71.52 -4.63 0.00	52.46 -3.64 0.00	32.00 -2.18 0.00	31.24 -2.04 0.00	26.86 -1.76 0.00	24.99 -1.72 0.00	26.07 -1.40 0.00	23.59 -1.26 0.00	20.03 -1.19 0.00	23.43 -1.28 0.00	30.28 -2.12 0.00	44.05 -3.22 0.00	50.01 -4.29 0.00	40.77 -3.52 0.17	33.49 -3.00 0.00	27.48 -2.88 1.92	26.36 -2.78 3.80
N.BELMOR_69_KV_BK1 55787	40.93 1.38 0.00	36.99 1.12 0.00	37.27 1.09 0.00	35.15 1.00 0.00	33.20 0.92 0.00	30.74 1.05 0.00	43.12 1.91 0.00	79.84 3.70 0.00	58.95 2.81 -0.04	36.00 1.80 -0.01	35.15 1.87 0.00	29.92 1.29 0.00	27.86 1.15 0.00	28.48 1.01 0.00	26.02 1.17 0.00	22.28 1.06 0.00	26.07 1.36 0.00	34.28 1.89 0.00	49.75 2.48 0.00	57.32 3.02 0.00	47.03 2.57 0.00	38.64 2.15 0.00	33.98 1.70 0.00	34.49 1.54 0.00
N.E_GEN_SANDY PD 24062	40.39 0.84 0.00	36.65 0.77 0.00	36.94 0.76 0.00	34.90 0.74 0.00	32.97 0.69 0.00	30.23 0.67 0.13	42.97 1.22 -0.54	74.21 2.17 4.10	57.21 1.50 0.39	35.38 0.94 -0.25	34.14 0.85 0.00	29.23 0.60 0.00	27.21 0.56 0.07	27.98 0.51 0.00	25.41 0.57 0.00	21.78 0.55 0.00	25.35 0.77 0.14	33.59 1.05 -0.14	48.67 1.40 0.00	55.93 1.63 0.00	45.62 1.53 0.36	37.79 1.30 0.00	33.43 1.15 0.00	34.12 1.17 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.52 0.96 0.00	36.70 0.83 0.00	37.00 0.82 0.00	34.85 0.70 0.00	32.90 0.62 0.00	30.34 0.65 0.00	42.44 1.22 0.00	78.85 2.71 0.00	58.10 1.99 0.00	35.47 1.29 0.00	34.49 1.20 0.00	29.47 0.84 0.00	27.52 0.81 0.00	28.25 0.79 0.00	25.73 0.89 0.00	22.04 0.82 0.00	25.73 1.01 0.00	33.64 1.25 0.00	48.97 1.71 0.00	56.33 2.03 0.00	46.19 1.73 0.00	37.79 1.30 0.00	33.39 1.12 0.00	34.04 1.09 0.00
N.QUEENS_27_KV_LOAD 356247	40.87 1.30 -0.01	37.02 1.14 -0.01	37.35 1.16 -0.01	35.19 1.02 -0.01	33.18 0.89 -0.01	30.55 0.86 -0.01	42.81 1.59 0.00	79.61 3.46 0.00	59.67 2.69 -0.87	36.26 1.87 -0.21	35.07 1.78 0.00	29.97 1.34 0.00	27.99 1.27 0.00	28.72 1.25 0.00	26.15 1.30 -0.01	22.41 1.18 -0.02	26.13 1.41 0.00	34.06 1.66 0.00	49.40 2.14 0.00	56.87 2.56 0.00	46.72 2.26 0.00	38.29 1.80 0.00	33.78 1.51 0.00	34.41 1.46 0.00
N.TROY___115KV_TB1 355778	40.51 0.95 0.00	36.72 0.85 0.00	37.00 0.82 0.00	34.99 0.84 0.00	33.06 0.78 0.00	30.48 0.79 0.00	42.55 1.33 0.00	78.48 2.34 0.00	57.63 1.53 0.00	35.02 0.83 0.00	34.02 0.73 0.00	29.15 0.53 0.00	27.20 0.48 0.00	27.89 0.42 0.00	25.29 0.44 0.00	21.68 0.45 0.00	25.41 0.70 0.00	33.44 1.04 0.00	48.79 1.52 0.00	56.05 1.74 0.00	46.03 1.57 0.00	37.85 1.35 0.00	33.46 1.19 0.00	34.16 1.22 0.00
NARROWS_GT1_1 24228	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NARROWS_GT1_2 24229	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NARROWS_GT1_3 24230	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NARROWS_GT1_4 24231	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48

NARROWS_GT1_5 24232	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NARROWS_GT1_6 24233	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NARROWS_GT1_7 24234	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NARROWS_GT1_8 24235	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NARROWS_GT2_1 24236	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NARROWS_GT2_2 24237	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NARROWS_GT2_3 24238	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NARROWS_GT2_4 24239	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NARROWS_GT2_5 24240	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NARROWS_GT2_6 24241	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NARROWS_GT2_7 24242	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NARROWS_GT2_8 24243	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.46 1.90 0.00	37.58 1.70 0.00	37.89 1.71 0.00	35.81 1.66 0.00	33.88 1.60 0.00	31.24 1.55 0.00	44.16 2.95 0.00	82.16 6.01 0.00	60.07 3.97 0.00	36.04 1.85 0.00	34.61 1.33 0.00	29.53 0.91 0.00	27.57 0.86 0.00	28.32 0.86 0.00	25.66 0.81 0.00	21.98 0.75 0.00	25.61 0.89 0.00	33.89 1.49 0.00	49.81 2.54 0.00	57.36 3.05 0.00	47.07 2.61 0.00	38.62 2.13 0.00	34.13 1.86 0.00	34.77 1.82 0.00
NCHELSEA_115KV_TR2 355582	41.02 1.46 0.00	37.16 1.29 0.00	37.45 1.27 0.00	35.32 1.16 0.00	33.36 1.08 0.00	30.76 1.07 0.00	43.06 1.84 0.00	79.90 3.75 0.00	58.84 2.73 0.00	35.88 1.69 0.00	34.81 1.54 0.00	29.73 1.11 0.00	27.75 1.03 0.00	28.49 1.02 0.00	25.91 1.06 0.00	22.20 0.98 0.00	25.95 1.23 0.00	33.93 1.54 0.00	49.41 2.15 0.00	56.87 2.56 0.00	46.65 2.19 0.00	38.20 1.71 0.00	33.73 1.45 0.00	34.36 1.42 0.00
NEG CAPITAL___MECHNVIL 23645	41.02 1.46 0.00	37.17 1.30 0.00	37.47 1.29 0.00	35.43 1.28 0.00	33.50 1.22 0.00	30.90 1.20 0.00	43.20 1.98 0.00	79.75 3.60 0.00	58.42 2.32 0.00	35.37 1.18 0.00	34.36 1.08 0.00	29.48 0.86 0.00	27.48 0.78 0.00	28.19 0.72 0.00	25.54 0.70 0.00	21.91 0.68 0.00	25.74 1.02 0.00	33.95 1.56 0.00	49.65 2.38 0.00	57.05 2.75 0.00	46.80 2.34 0.00	38.44 1.95 0.00	33.97 1.69 0.00	34.65 1.71 0.00

NEG CENTRAL_HIGH_ACRES 23767	37.68 -1.88 0.00	34.16 -1.72 0.00	34.49 -1.69 0.00	32.40 -1.76 0.00	30.68 -1.60 0.00	28.21 -1.48 0.00	38.96 -2.26 0.00	71.94 -4.20 0.00	52.73 -3.37 0.00	32.04 -2.15 0.00	31.28 -2.00 0.00	26.91 -1.71 0.00	25.04 -1.67 0.00	25.83 -1.64 0.00	23.43 -1.41 0.00	19.96 -1.26 0.00	23.11 -1.61 0.00	30.36 -2.04 0.00	44.33 -2.93 0.00	50.60 -3.71 0.00	41.37 -3.08 0.00	33.86 -2.64 0.00	29.88 -2.39 0.00	30.43 -2.32 0.19
NEG CENTRAL___DRP 24199	38.87 -0.68 0.00	35.22 -0.65 0.00	35.57 -0.61 0.00	33.47 -0.69 0.00	31.68 -0.60 0.00	29.19 -0.49 0.00	40.51 -0.71 0.00	74.85 -1.30 0.00	54.77 -1.34 0.00	33.18 -1.00 0.00	32.09 -1.20 0.00	27.60 -1.02 0.00	25.72 -1.00 0.00	26.49 -0.98 0.00	23.96 -0.89 0.00	20.44 -0.78 0.00	23.72 -1.00 0.00	31.20 -1.20 0.00	45.87 -1.40 0.00	52.55 -1.75 0.00	43.01 -1.52 -0.07	35.08 -1.41 0.00	31.83 -1.26 -0.82	32.85 -1.28 -1.18
NEG CENTRAL___INDECK 23768	39.31 -0.24 0.00	35.61 -0.26 0.00	35.97 -0.21 0.00	33.62 -0.54 0.00	31.83 -0.44 0.00	29.36 -0.33 0.00	40.72 -0.50 0.00	75.38 -0.77 0.00	54.95 -1.15 0.00	32.82 -1.37 0.00	31.84 -1.44 0.00	27.37 -1.25 0.00	25.44 -1.27 0.00	26.28 -1.19 0.00	23.79 -1.05 0.00	20.25 -0.98 0.00	23.42 -1.30 0.00	30.78 -1.62 0.00	45.24 -2.03 0.00	52.09 -2.21 0.00	43.22 -2.04 -0.80	34.58 -1.91 0.00	39.44 -1.85 -9.01	46.61 -1.88 -15.54
NEG CENTRAL___SENECA 23627	38.89 -0.67 0.00	35.23 -0.64 0.00	35.58 -0.60 0.00	33.44 -0.72 0.00	31.65 -0.63 0.00	29.19 -0.49 0.00	40.55 -0.67 0.00	74.90 -1.25 0.00	54.78 -1.32 0.00	33.18 -1.01 0.00	32.05 -1.23 0.00	27.53 -1.09 0.00	25.63 -1.08 0.00	26.43 -1.04 0.00	23.89 -0.96 0.00	20.38 -0.84 0.00	23.64 -1.08 0.00	31.10 -1.29 0.00	45.78 -1.49 0.00	52.39 -1.92 0.00	42.89 -1.68 -0.12	34.91 -1.59 0.00	32.12 -1.46 -1.31	33.26 -1.51 -1.82
NEG CENTRAL___STATE_STREET 24147	39.17 -0.39 0.00	35.48 -0.40 0.00	35.81 -0.37 0.00	33.78 -0.38 0.00	31.96 -0.31 0.00	29.42 -0.28 0.00	40.82 -0.39 0.00	75.43 -0.72 0.00	55.25 -0.86 0.00	33.42 -0.76 0.00	32.33 -0.96 0.00	27.84 -0.79 0.00	25.99 -0.72 0.00	26.75 -0.72 0.00	24.20 -0.64 0.00	20.61 -0.61 0.00	23.94 -0.78 0.00	31.56 -0.84 0.00	46.37 -0.90 0.00	53.21 -1.10 0.00	43.49 -0.96 0.00	35.58 -0.92 0.00	31.44 -0.84 0.00	32.28 -0.82 -0.15
NEG MILLWOOD___DRP 24198	41.06 1.50 0.00	37.20 1.33 0.00	37.49 1.31 0.00	35.34 1.19 0.00	33.38 1.10 0.00	30.79 1.10 0.00	43.13 1.92 0.00	80.04 3.89 0.00	58.96 2.85 0.00	36.00 1.81 0.00	34.94 1.66 0.00	29.83 1.21 0.00	27.85 1.13 0.00	28.58 1.11 0.00	26.00 1.15 0.00	22.26 1.04 0.00	26.02 1.30 0.00	34.05 1.66 0.00	49.58 2.31 0.00	57.05 2.74 0.00	46.80 2.34 0.00	38.33 1.84 0.00	33.85 1.57 0.00	34.47 1.52 0.00
NEG NORTH_FLCN_SEA 23793	40.87 1.31 0.00	37.55 1.68 0.00	37.89 1.71 0.00	35.85 1.70 0.00	33.80 1.52 0.00	30.72 1.03 0.00	42.11 0.89 0.00	78.28 2.14 0.00	58.50 2.40 0.00	35.88 1.69 0.00	35.01 1.72 0.00	30.39 1.76 0.00	28.34 1.63 0.00	29.11 1.64 0.00	26.21 1.36 0.00	22.33 1.11 0.00	25.99 1.27 0.00	33.80 1.41 0.00	49.30 2.03 0.00	56.70 2.40 0.00	46.41 1.95 0.00	38.07 1.58 0.00	33.41 1.13 0.00	33.77 0.83 0.00
NEG NORTH_KES_CHATEGAY 23792	40.32 0.76 0.00	36.91 1.03 0.00	37.21 1.02 0.00	35.16 1.00 0.00	33.21 0.93 0.00	30.36 0.67 0.00	41.79 0.57 0.00	77.53 1.39 0.00	57.73 1.63 0.00	35.25 1.06 0.00	34.35 1.07 0.00	29.69 1.06 0.00	27.68 0.96 0.00	28.47 1.00 0.00	25.56 0.72 0.00	21.78 0.56 0.00	25.34 0.61 0.00	33.11 0.72 0.00	48.35 1.09 0.00	55.82 1.51 0.00	45.62 1.16 0.00	37.47 0.98 0.00	32.91 0.64 0.00	33.35 0.41 0.00
NEG NORTH___ALICE_FALLS 23915	40.95 1.39 0.00	37.59 1.71 0.00	37.90 1.73 0.00	35.85 1.69 0.00	33.84 1.57 0.00	30.82 1.13 0.00	42.33 1.11 0.00	78.70 2.56 0.00	58.73 2.63 0.00	35.89 1.70 0.00	34.97 1.69 0.00	30.34 1.72 0.00	28.27 1.56 0.00	29.04 1.57 0.00	26.12 1.27 0.00	22.25 1.03 0.00	25.90 1.18 0.00	33.74 1.34 0.00	49.29 2.03 0.00	56.78 2.48 0.00	46.47 2.01 0.00	38.12 1.62 0.00	33.44 1.17 0.00	33.82 0.88 0.00
NEG NORTH___LWR_SARANAC 23913	40.95 1.39 0.00	37.59 1.71 0.00	37.90 1.73 0.00	35.85 1.69 0.00	33.84 1.57 0.00	30.82 1.13 0.00	42.33 1.11 0.00	78.70 2.56 0.00	58.73 2.63 0.00	35.89 1.70 0.00	34.97 1.69 0.00	30.34 1.72 0.00	28.27 1.56 0.00	29.04 1.57 0.00	26.12 1.27 0.00	22.25 1.03 0.00	25.90 1.18 0.00	33.74 1.34 0.00	49.29 2.03 0.00	56.78 2.48 0.00	46.47 2.01 0.00	38.12 1.62 0.00	33.44 1.17 0.00	33.82 0.88 0.00
NEG NORTH___PLATTSBURG 23628	40.95 1.39 0.00	37.59 1.71 0.00	37.90 1.72 0.00	35.85 1.69 0.00	33.84 1.57 0.00	30.82 1.13 0.00	42.33 1.11 0.00	78.70 2.56 0.00	58.73 2.63 0.00	35.89 1.70 0.00	34.97 1.69 0.00	30.34 1.72 0.00	28.27 1.56 0.00	29.04 1.57 0.00	26.12 1.27 0.00	22.25 1.03 0.00	25.90 1.18 0.00	33.74 1.34 0.00	49.29 2.03 0.00	56.78 2.47 0.00	46.46 2.00 0.00	38.12 1.62 0.00	33.44 1.17 0.00	33.82 0.88 0.00
NEG WEST_LEA_LOCKPORT 23791	37.42 -2.14 0.00	33.92 -1.96 0.00	34.24 -1.94 0.00	31.98 -2.17 0.00	30.28 -2.00 0.00	27.77 -1.92 0.00	37.90 -3.32 0.00	69.40 -6.74 0.00	50.99 -5.11 0.00	31.29 -2.90 0.00	30.69 -2.60 0.00	26.46 -2.17 0.00	24.60 -2.11 0.00	25.56 -1.91 0.00	23.27 -1.57 0.00	19.78 -1.45 0.00	22.83 -1.88 0.00	29.71 -2.68 0.00	43.08 -4.18 0.00	48.71 -5.60 0.00	39.62 -4.61 0.23	32.62 -3.88 0.00	26.01 -3.63 2.64	24.29 -3.53 5.13
NEG WEST___LANCASTER 23811	38.78 -0.78 0.00	35.11 -0.77 0.00	35.51 -0.67 0.00	33.16 -1.00 0.00	31.34 -0.94 0.00	28.69 -1.00 0.00	39.50 -1.72 0.00	72.70 -3.45 0.00	53.39 -2.72 0.00	32.71 -1.48 0.00	31.97 -1.32 0.00	27.59 -1.04 0.00	25.70 -1.01 0.00	26.65 -0.82 0.00	24.23 -0.62 0.00	20.63 -0.60 0.00	23.81 -0.91 0.00	30.99 -1.41 0.00	44.93 -2.34 0.00	50.91 -3.39 0.00	41.55 -2.80 0.11	34.04 -2.46 0.00	28.64 -2.43 1.20	27.95 -2.37 2.63
NEG_PENN_ALLEGHNY 23528	39.05 -0.51 0.00	35.35 -0.52 0.00	35.72 -0.46 0.00	33.63 -0.52 0.00	31.80 -0.48 0.00	29.28 -0.40 0.00	40.74 -0.48 0.00	75.46 -0.69 0.00	55.33 -0.78 0.00	33.64 -0.55 0.00	32.61 -0.67 0.00	28.07 -0.56 0.00	26.19 -0.52 0.00	26.99 -0.48 0.00	24.42 -0.42 0.00	20.88 -0.34 0.00	24.25 -0.46 0.00	31.75 -0.64 0.00	46.42 -0.85 0.00	53.12 -1.19 0.00	43.45 -1.01 0.00	35.54 -0.96 0.00	31.40 -0.87 0.00	31.81 -0.93 0.21
NEG___GEN_MONROE 24207	38.42 -1.14 0.00	34.81 -1.06 0.00	35.17 -1.01 0.00	33.04 -1.12 0.00	31.27 -1.01 0.00	28.71 -0.99 0.00	39.53 -1.68 0.00	72.86 -3.29 0.00	53.40 -2.71 0.00	32.46 -1.73 0.00	31.65 -1.63 0.00	27.23 -1.40 0.00	25.31 -1.40 0.00	26.16 -1.31 0.00	23.77 -1.08 0.00	20.25 -0.97 0.00	23.43 -1.28 0.00	30.72 -1.68 0.00	44.82 -2.44 0.00	51.15 -3.15 0.00	41.85 -2.57 0.04	34.26 -2.24 0.00	29.72 -2.10 0.46	29.83 -2.02 1.09

NEPA___ENERGY 23901	38.36 -1.20 0.00	34.63 -1.24 0.00	35.11 -1.07 0.00	32.72 -1.43 0.00	30.80 -1.48 0.00	28.30 -1.39 0.00	39.32 -1.90 0.00	73.08 -3.07 0.00	53.43 -2.68 0.00	32.63 -1.56 0.00	31.65 -1.63 0.00	27.38 -1.25 0.00	25.58 -1.14 0.00	26.56 -0.91 0.00	24.06 -0.79 0.00	20.58 -0.65 0.00	23.72 -1.00 0.00	30.75 -1.65 0.00	44.77 -2.50 0.00	50.70 -3.60 0.00	41.13 -3.22 0.10	33.45 -3.04 0.00	28.21 -2.90 1.17	27.41 -2.96 2.58
NEVERSink___HYD 23608	41.23 1.67 0.00	37.37 1.50 0.00	37.74 1.56 0.00	35.61 1.45 0.00	33.66 1.38 0.00	31.06 1.37 0.00	43.43 2.22 0.00	80.44 4.30 0.00	59.07 2.97 0.00	35.91 1.72 0.00	34.75 1.47 0.00	29.76 1.13 0.00	27.76 1.05 0.00	28.32 0.85 0.00	25.56 0.71 0.00	21.86 0.64 0.00	25.56 0.84 0.00	33.61 1.22 0.00	49.12 1.85 0.00	56.55 2.25 0.00	46.38 1.92 0.00	37.95 1.46 0.00	33.51 1.24 0.00	34.14 1.19 0.00
NEWKRMKL_115KV_TB1 55635	40.64 1.08 0.00	36.85 0.98 0.00	37.14 0.97 0.00	35.11 0.95 0.00	33.18 0.90 0.00	30.55 0.86 0.00	42.60 1.38 0.00	78.64 2.49 0.00	57.81 1.71 0.00	35.20 1.02 0.00	34.20 0.92 0.00	29.29 0.67 0.00	27.36 0.65 0.00	28.08 0.61 0.00	25.47 0.62 0.00	21.80 0.58 0.00	25.52 0.80 0.00	33.54 1.14 0.00	48.88 1.61 0.00	56.15 1.85 0.00	46.07 1.61 0.00	37.84 1.34 0.00	33.47 1.20 0.00	34.15 1.20 0.00
NEWTON___FALLS_HYD 23847	39.67 0.11 0.00	35.89 0.02 0.00	36.24 0.06 0.00	34.47 0.31 0.00	32.74 0.46 0.00	30.22 0.53 0.00	41.91 0.70 0.00	77.31 1.17 0.00	56.86 0.76 0.00	34.34 0.15 0.00	33.22 -0.07 0.00	28.56 -0.06 0.00	26.60 -0.12 0.00	27.34 -0.13 0.00	24.59 -0.26 0.00	20.91 -0.32 0.00	24.34 -0.37 0.00	32.21 -0.18 0.00	47.50 0.24 0.00	54.78 0.47 0.00	44.44 -0.02 0.00	36.34 -0.16 0.00	31.97 -0.30 0.00	32.47 -0.47 0.00
NGRID_A1_DSASP 323792	36.80 -2.75 0.00	33.41 -2.46 0.00	33.77 -2.41 0.00	31.47 -2.69 0.00	29.79 -2.49 0.00	27.30 -2.39 0.00	37.28 -3.94 0.00	68.14 -8.01 0.00	50.06 -6.04 0.00	30.88 -3.31 0.00	30.36 -2.92 0.00	26.21 -2.42 0.00	24.37 -2.34 0.00	25.30 -2.17 0.00	23.06 -1.78 0.00	19.63 -1.59 0.00	22.63 -2.09 0.00	29.43 -2.96 0.00	42.47 -4.79 0.00	47.94 -6.36 0.00	39.08 -5.19 0.18	32.18 -4.32 0.00	26.24 -3.96 2.08	25.03 -3.79 4.12
NGRID_A2_DSASP 323793	36.80 -2.75 0.00	33.41 -2.46 0.00	33.77 -2.41 0.00	31.47 -2.69 0.00	29.79 -2.49 0.00	27.30 -2.39 0.00	37.28 -3.94 0.00	68.14 -8.01 0.00	50.06 -6.04 0.00	30.88 -3.31 0.00	30.36 -2.92 0.00	26.21 -2.42 0.00	24.37 -2.34 0.00	25.30 -2.17 0.00	23.06 -1.78 0.00	19.63 -1.59 0.00	22.63 -2.09 0.00	29.43 -2.96 0.00	42.47 -4.79 0.00	47.94 -6.36 0.00	39.08 -5.19 0.18	32.18 -4.32 0.00	26.24 -3.96 2.08	25.03 -3.79 4.12
NGRID_A4_DSASP 323807	36.80 -2.75 0.00	33.41 -2.46 0.00	33.77 -2.41 0.00	31.47 -2.69 0.00	29.79 -2.49 0.00	27.30 -2.39 0.00	37.28 -3.94 0.00	68.14 -8.01 0.00	50.06 -6.04 0.00	30.88 -3.31 0.00	30.36 -2.92 0.00	26.21 -2.42 0.00	24.37 -2.34 0.00	25.30 -2.17 0.00	23.06 -1.78 0.00	19.63 -1.59 0.00	22.63 -2.09 0.00	29.43 -2.96 0.00	42.47 -4.79 0.00	47.94 -6.36 0.00	39.08 -5.19 0.18	32.18 -4.32 0.00	26.24 -3.96 2.08	25.03 -3.79 4.12
NIAGARA_115E_LBMP 323715	36.97 -2.59 0.00	33.54 -2.33 0.00	33.90 -2.28 0.00	31.60 -2.56 0.00	29.91 -2.37 0.00	27.42 -2.27 0.00	37.27 -3.95 0.00	68.15 -8.00 0.00	50.11 -5.99 0.00	30.84 -3.35 0.00	30.28 -3.00 0.00	26.12 -2.50 0.00	24.29 -2.43 0.00	25.24 -2.22 0.00	23.02 -1.83 0.00	19.57 -1.66 0.00	22.56 -2.16 0.00	29.31 -3.08 0.00	42.41 -4.86 0.00	47.93 -6.37 0.00	39.03 -5.25 0.18	32.18 -4.31 0.00	26.18 -4.02 2.07	24.93 -3.90 4.11
NIAGARA_115W_LBMP 323714	36.73 -2.83 0.00	33.35 -2.52 0.00	33.71 -2.47 0.00	31.42 -2.74 0.00	29.74 -2.54 0.00	27.24 -2.45 0.00	37.20 -4.02 0.00	68.00 -8.15 0.00	49.95 -6.15 0.00	30.82 -3.37 0.00	30.30 -2.98 0.00	26.16 -2.47 0.00	24.32 -2.39 0.00	25.25 -2.22 0.00	23.02 -1.83 0.00	19.59 -1.63 0.00	22.58 -2.14 0.00	29.38 -3.02 0.00	42.38 -4.89 0.00	47.85 -6.46 0.00	38.99 -5.28 0.18	32.12 -4.38 0.00	26.17 -4.01 2.09	24.95 -3.86 4.14
NIAGARA_230_LBMP 323716	37.07 -2.48 0.00	33.64 -2.23 0.00	34.01 -2.17 0.00	31.71 -2.45 0.00	30.00 -2.27 0.00	27.48 -2.21 0.00	37.56 -3.66 0.00	68.77 -7.38 0.00	50.55 -5.55 0.00	31.10 -3.09 0.00	30.56 -2.73 0.00	26.37 -2.25 0.00	24.54 -2.18 0.00	25.46 -2.01 0.00	23.21 -1.64 0.00	19.75 -1.47 0.00	22.78 -1.94 0.00	29.65 -2.75 0.00	42.84 -4.43 0.00	48.40 -5.90 0.00	39.45 -4.82 0.19	32.48 -4.02 0.00	26.41 -3.70 2.17	25.14 -3.54 4.27
NIAGARA___115KV_198_GIBSON 55903	36.74 -2.82 0.00	33.32 -2.56 0.00	33.65 -2.53 0.00	31.41 -2.74 0.00	29.74 -2.54 0.00	27.24 -2.45 0.00	37.19 -4.02 0.00	67.98 -8.17 0.00	49.95 -6.15 0.00	30.82 -3.37 0.00	30.30 -2.98 0.00	26.16 -2.46 0.00	24.33 -2.38 0.00	25.25 -2.22 0.00	23.03 -1.82 0.00	19.59 -1.63 0.00	22.58 -2.13 0.00	29.37 -3.03 0.00	42.40 -4.87 0.00	47.85 -6.45 0.00	39.02 -5.25 0.18	32.11 -4.38 0.00	26.15 -4.03 2.09	24.91 -3.90 4.14
NIAGARA___ 23760	37.07 -2.48 0.00	33.64 -2.23 0.00	34.01 -2.17 0.00	31.71 -2.45 0.00	30.00 -2.27 0.00	27.48 -2.21 0.00	37.56 -3.66 0.00	68.77 -7.38 0.00	50.55 -5.55 0.00	31.10 -3.09 0.00	30.56 -2.73 0.00	26.37 -2.25 0.00	24.54 -2.18 0.00	25.46 -2.01 0.00	23.21 -1.64 0.00	19.75 -1.47 0.00	22.78 -1.94 0.00	29.65 -2.75 0.00	42.84 -4.43 0.00	48.40 -5.90 0.00	39.45 -4.82 0.19	32.48 -4.02 0.00	26.47 -3.70 2.11	25.25 -3.54 4.16
NINE_MILE_1 23575	38.02 -1.54 0.00	34.47 -1.40 0.00	34.78 -1.40 0.00	32.84 -1.32 0.00	31.05 -1.23 0.00	28.54 -1.15 0.00	39.41 -1.81 0.00	72.78 -3.37 0.00	53.49 -2.61 0.00	32.56 -1.62 0.00	31.74 -1.55 0.00	27.38 -1.25 0.00	25.52 -1.19 0.00	26.27 -1.20 0.00	23.78 -1.06 0.00	20.31 -0.91 0.00	23.58 -1.14 0.00	30.85 -1.55 0.00	45.06 -2.20 0.00	51.69 -2.61 0.00	42.30 -2.16 0.00	34.70 -1.79 0.00	30.82 -1.45 0.00	31.57 -1.38 0.00
NINE_MILE_2 23744	38.02 -1.54 0.00	34.47 -1.40 0.00	34.78 -1.40 0.00	32.84 -1.32 0.00	31.06 -1.22 0.00	28.54 -1.15 0.00	39.41 -1.80 0.00	72.78 -3.37 0.00	53.49 -2.61 0.00	32.57 -1.62 0.00	31.74 -1.54 0.00	27.38 -1.25 0.00	25.53 -1.19 0.00	26.27 -1.20 0.00	23.78 -1.06 0.00	20.31 -0.91 0.00	23.58 -1.13 0.00	30.85 -1.55 0.00	45.06 -2.20 0.00	51.70 -2.61 0.00	42.30 -2.16 0.00	34.70 -1.79 0.00	30.82 -1.45 0.00	31.57 -1.37 0.00
NM_CAPITAL___DRP 24208	40.56 1.00 0.00	36.77 0.90 0.00	37.06 0.88 0.00	35.03 0.87 0.00	33.10 0.82 0.00	30.48 0.79 0.00	42.50 1.29 0.00	78.41 2.26 0.00	57.65 1.55 0.00	35.13 0.95 0.00	34.14 0.85 0.00	29.25 0.63 0.00	27.30 0.59 0.00	28.02 0.55 0.00	25.41 0.57 0.00	21.76 0.54 0.00	25.47 0.75 0.00	33.46 1.07 0.00	48.75 1.49 0.00	56.00 1.70 0.00	45.96 1.51 0.00	37.76 1.27 0.00	33.42 1.15 0.00	34.10 1.15 0.00

NM_CENTRAL___DRP 24181	38.60 -0.95 0.00	34.97 -0.90 0.00	35.30 -0.88 0.00	33.31 -0.85 0.00	31.50 -0.78 0.00	28.99 -0.70 0.00	40.11 -1.11 0.00	74.11 -2.03 0.00	54.39 -1.72 0.00	33.05 -1.14 0.00	32.16 -1.12 0.00	27.72 -0.91 0.00	25.83 -0.88 0.00	26.59 -0.87 0.00	24.08 -0.76 0.00	20.57 -0.65 0.00	23.89 -0.83 0.00	31.31 -1.08 0.00	45.79 -1.48 0.00	52.48 -1.82 0.00	42.93 -1.53 0.00	35.18 -1.31 0.00	31.21 -1.06 0.00	31.92 -1.02 0.00
NM_FRONTIER___DRP 24179	36.74 -2.82 0.00	33.32 -2.56 0.00	33.65 -2.53 0.00	31.41 -2.74 0.00	29.74 -2.54 0.00	27.24 -2.45 0.00	37.19 -4.02 0.00	67.98 -8.17 0.00	49.95 -6.15 0.00	30.82 -3.37 0.00	30.30 -2.98 0.00	26.16 -2.46 0.00	24.33 -2.38 0.00	25.25 -2.22 0.00	23.03 -1.82 0.00	19.59 -1.63 0.00	22.58 -2.13 0.00	29.37 -3.03 0.00	42.40 -4.87 0.00	47.85 -6.45 0.00	39.02 -5.25 0.18	32.11 -4.38 0.00	26.15 -4.03 2.09	24.91 -3.90 4.14
NM_ST_REGIS___HYD 24053	40.42 0.86 0.00	36.75 0.88 0.00	37.07 0.89 0.00	35.00 0.85 0.00	33.11 0.83 0.00	30.40 0.71 0.00	42.07 0.86 0.00	77.85 1.70 0.00	57.72 1.62 0.00	35.07 0.89 0.00	34.10 0.82 0.00	29.40 0.77 0.00	27.38 0.67 0.00	28.16 0.69 0.00	25.26 0.41 0.00	21.48 0.26 0.00	24.99 0.28 0.00	32.83 0.43 0.00	48.08 0.82 0.00	55.65 1.34 0.00	45.44 0.99 0.00	37.34 0.85 0.00	32.83 0.55 0.00	33.31 0.37 0.00
NORTHPORT___1 23551	40.71 1.15 0.00	36.73 0.86 0.00	37.09 0.90 0.00	35.01 0.85 0.00	33.06 0.78 0.00	30.66 0.97 0.00	43.03 1.82 0.00	79.26 3.11 0.00	58.53 2.39 -0.04	35.79 1.59 -0.01	35.09 1.80 0.00	29.90 1.28 0.00	27.80 1.09 0.00	28.36 0.88 0.00	25.98 1.14 0.00	22.21 0.99 0.00	26.01 1.29 0.00	34.23 1.84 0.00	49.57 2.31 0.00	57.05 2.75 0.00	46.82 2.36 0.00	38.53 2.04 0.00	33.84 1.57 0.00	34.32 1.37 0.00
NORTHPORT___2 23552	40.71 1.15 0.00	36.73 0.86 0.00	37.09 0.90 0.00	35.01 0.85 0.00	33.06 0.78 0.00	30.66 0.97 0.00	43.03 1.82 0.00	79.26 3.11 0.00	58.53 2.39 -0.04	35.79 1.59 -0.01	35.09 1.80 0.00	29.90 1.28 0.00	27.80 1.09 0.00	28.36 0.88 0.00	25.98 1.14 0.00	22.21 0.99 0.00	26.01 1.29 0.00	34.23 1.84 0.00	49.57 2.31 0.00	57.05 2.75 0.00	46.82 2.36 0.00	38.53 2.04 0.00	33.84 1.57 0.00	34.32 1.37 0.00
NORTHPORT___3 23553	40.52 0.96 0.00	36.56 0.69 0.00	36.89 0.71 0.00	34.84 0.68 0.00	32.91 0.63 0.00	30.44 0.75 0.00	42.68 1.47 0.00	78.53 2.38 0.00	58.09 1.95 -0.04	35.56 1.37 -0.01	34.96 1.68 0.00	29.73 1.10 0.00	27.65 0.94 0.00	28.23 0.76 0.00	25.86 1.02 0.00	22.10 0.88 0.00	25.91 1.19 0.00	34.22 1.82 0.00	49.77 2.50 0.00	57.27 2.96 0.00	46.92 2.47 0.00	38.43 1.93 0.00	33.72 1.44 0.00	34.22 1.28 0.00
NORTHPORT___4 23650	40.52 0.96 0.00	36.56 0.69 0.00	36.89 0.71 0.00	34.84 0.68 0.00	32.91 0.63 0.00	30.44 0.75 0.00	42.68 1.47 0.00	78.53 2.38 0.00	58.09 1.95 -0.04	35.56 1.37 -0.01	34.96 1.68 0.00	29.73 1.10 0.00	27.65 0.94 0.00	28.23 0.76 0.00	25.86 1.02 0.00	22.10 0.88 0.00	25.91 1.19 0.00	34.22 1.82 0.00	49.77 2.50 0.00	57.27 2.96 0.00	46.92 2.47 0.00	38.43 1.93 0.00	33.72 1.44 0.00	34.22 1.28 0.00
NORTHPORT___IC 23718	40.71 1.15 0.00	36.74 0.86 0.00	37.08 0.90 0.00	35.01 0.85 0.00	33.06 0.78 0.00	30.66 0.97 0.00	43.04 1.82 0.00	79.27 3.13 0.00	58.53 2.39 -0.04	35.79 1.59 -0.01	35.11 1.82 0.00	29.90 1.28 0.00	27.80 1.09 0.00	28.35 0.88 0.00	25.99 1.14 0.00	22.21 0.99 0.00	26.01 1.29 0.00	34.23 1.84 0.00	49.57 2.30 0.00	57.05 2.75 0.00	46.81 2.35 0.00	38.53 2.04 0.00	33.85 1.57 0.00	34.33 1.38 0.00
NORTH___COUNTRY_ESR 323785	40.20 0.64 0.00	36.79 0.92 0.00	37.08 0.89 0.00	35.03 0.87 0.00	33.10 0.82 0.00	30.26 0.56 0.00	41.66 0.44 0.00	77.26 1.11 0.00	57.55 1.45 0.00	35.18 1.00 0.00	34.33 1.05 0.00	29.67 1.04 0.00	27.66 0.95 0.00	28.46 0.99 0.00	25.56 0.72 0.00	21.78 0.56 0.00	25.33 0.61 0.00	33.11 0.71 0.00	48.27 1.00 0.00	55.64 1.34 0.00	45.44 0.99 0.00	37.32 0.83 0.00	32.80 0.52 0.00	33.25 0.30 0.00
NPX_GEN_1385_PROXY 323591	40.42 0.86 0.00	36.23 0.36 0.00	36.83 0.65 0.00	34.77 0.61 0.00	32.84 0.56 0.00	30.45 0.76 0.00	42.76 1.55 0.00	78.26 2.11 0.00	57.85 1.71 -0.04	35.44 1.24 -0.01	34.85 1.57 0.00	29.77 1.15 0.00	27.69 0.98 0.00	28.07 0.61 0.00	25.81 0.96 0.00	22.05 0.83 0.00	25.66 0.95 0.00	33.99 1.60 0.00	48.88 1.61 0.00	55.97 1.66 0.00	45.92 1.46 0.00	38.02 1.53 0.00	33.37 1.09 0.00	33.83 0.89 0.00
NPX_GEN_CSC 323557	39.57 0.02 0.00	35.69 -0.18 0.00	35.99 -0.19 0.00	34.13 -0.03 0.00	32.16 -0.12 0.00	30.17 0.48 0.00	42.70 1.49 0.00	78.27 2.12 0.00	57.77 1.63 -0.04	35.03 0.83 -0.01	34.44 1.15 0.00	29.38 0.76 0.00	27.28 0.57 0.00	27.73 0.27 0.00	25.64 0.79 0.00	21.76 0.54 0.00	25.61 0.89 0.00	33.87 1.47 0.00	48.87 1.60 0.00	56.28 1.98 0.00	46.11 1.65 0.00	38.38 1.89 0.00	33.51 1.24 0.00	33.82 0.88 0.00
NSINS_S___GLNS_FALLS 23858	41.62 2.07 0.00	37.67 1.80 0.00	38.01 1.82 0.00	35.97 1.81 0.00	34.00 1.72 0.00	31.41 1.72 0.00	44.08 2.86 0.00	81.34 5.19 0.00	59.43 3.33 0.00	35.79 1.60 0.00	34.88 1.60 0.00	30.02 1.39 0.00	27.95 1.23 0.00	28.67 1.20 0.00	25.90 1.05 0.00	22.27 1.05 0.00	26.05 1.33 0.00	34.35 1.95 0.00	50.31 3.05 0.00	57.82 3.51 0.00	47.48 3.03 0.00	39.03 2.54 0.00	34.45 2.18 0.00	35.19 2.25 0.00
NUCOR_STEEL___DRP 24197	39.14 -0.41 0.00	35.45 -0.42 0.00	35.79 -0.38 0.00	33.76 -0.39 0.00	31.95 -0.33 0.00	29.39 -0.31 0.00	40.79 -0.43 0.00	75.36 -0.79 0.00	55.20 -0.90 0.00	33.40 -0.78 0.00	32.32 -0.96 0.00	27.84 -0.79 0.00	26.00 -0.71 0.00	26.75 -0.72 0.00	24.21 -0.63 0.00	20.61 -0.61 0.00	23.94 -0.78 0.00	31.57 -0.83 0.00	46.36 -0.90 0.00	53.19 -1.11 0.00	43.48 -0.98 0.00	35.59 -0.91 0.00	31.44 -0.84 0.00	32.31 -0.82 -0.18
NUMBER_THREE_WT_PWR 323818	39.54 -0.02 0.00	35.65 -0.22 0.00	36.01 -0.16 0.00	34.54 0.39 0.00	32.92 0.64 0.00	30.54 0.85 0.00	42.44 1.23 0.00	78.13 1.99 0.00	57.15 1.04 0.00	34.41 0.22 0.00	33.17 -0.11 0.00	28.47 -0.16 0.00	26.50 -0.21 0.00	27.19 -0.28 0.00	24.53 -0.31 0.00	20.85 -0.37 0.00	24.29 -0.43 0.00	32.32 -0.07 0.00	47.80 0.54 0.00	54.79 0.49 0.00	44.12 -0.34 0.00	35.87 -0.62 0.00	31.61 -0.67 0.00	32.08 -0.86 0.00
NYISO_LBMP_REFERENCE 24008	39.56 0.00 0.00	35.87 0.00 0.00	36.18 0.00 0.00	34.16 0.00 0.00	32.28 0.00 0.00	29.69 0.00 0.00	41.22 0.00 0.00	76.15 0.00 0.00	56.10 0.00 0.00	34.19 0.00 0.00	33.28 0.00 0.00	28.62 0.00 0.00	26.71 0.00 0.00	27.47 0.00 0.00	24.85 0.00 0.00	21.23 0.00 0.00	24.72 0.00 0.00	32.40 0.00 0.00	47.27 0.00 0.00	54.30 0.00 0.00	44.46 0.00 0.00	36.49 0.00 0.00	32.27 0.00 0.00	32.94 0.00 0.00

NYPA_BRENTWD____GT 24164	41.18 1.63 0.00	37.08 1.20 0.00	37.41 1.23 0.00	35.32 1.16 0.00	33.37 1.10 0.00	30.98 1.28 0.00	43.51 2.30 0.00	80.28 4.13 0.00	59.23 3.09 -0.04	36.18 1.98 -0.01	35.40 2.12 0.00	30.11 1.48 0.00	27.96 1.25 0.00	28.55 1.08 0.00	26.17 1.32 0.00	22.36 1.14 0.00	26.25 1.53 0.00	34.55 2.16 0.00	50.19 2.92 0.00	57.77 3.46 0.00	47.41 2.95 0.00	38.95 2.46 0.00	34.17 1.89 0.00	34.63 1.69 0.00
NYPA_GOWANUS____GT5 24156	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NYPA_GOWANUS____GT6 24157	56.14 1.91 -14.67	55.60 1.71 -18.01	55.02 1.70 -17.14	55.00 1.52 -19.32	54.99 1.38 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.95 4.43 -1.37	66.92 3.37 -7.45	57.21 2.23 -20.79	56.88 2.13 -21.47	53.27 1.60 -23.05	53.05 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.83 2.63 -9.93	102.33 3.07 -44.96	106.59 2.67 -59.46	62.38 2.11 -23.78	56.64 1.82 -22.54	54.20 1.78 -19.48
NYPA_HARLEM__RVR__GT1 24160	40.86 1.30 -0.01	37.02 1.13 -0.01	37.34 1.15 -0.01	35.18 1.02 -0.01	33.18 0.89 -0.01	30.55 0.85 -0.01	42.79 1.58 0.00	79.55 3.42 0.01	59.44 2.64 -0.70	36.21 1.81 -0.21	34.99 1.71 0.00	29.90 1.29 0.01	27.93 1.22 0.00	28.66 1.19 0.00	26.10 1.25 0.00	22.36 1.13 -0.01	26.07 1.36 0.01	34.00 1.61 0.00	49.32 2.05 0.00	56.77 2.46 0.00	46.64 2.19 0.00	38.22 1.73 0.00	33.73 1.45 0.00	34.34 1.40 0.00
NYPA_HARLEM__RVR__GT2 24161	40.86 1.30 -0.01	37.02 1.13 -0.01	37.34 1.15 -0.01	35.18 1.02 -0.01	33.18 0.89 -0.01	30.55 0.85 -0.01	42.79 1.58 0.00	79.55 3.42 0.01	59.44 2.64 -0.70	36.21 1.81 -0.21	34.99 1.71 0.00	29.90 1.29 0.01	27.93 1.22 0.00	28.66 1.19 0.00	26.10 1.25 0.00	22.36 1.13 -0.01	26.07 1.36 0.01	34.00 1.61 0.00	49.32 2.05 0.00	56.77 2.46 0.00	46.64 2.19 0.00	38.22 1.73 0.00	33.73 1.45 0.00	34.34 1.40 0.00
NYPA_KENT____GT 24152	50.30 1.78 -8.96	48.47 1.60 -11.00	48.22 1.57 -10.47	47.36 1.40 -11.80	46.59 1.29 -13.03	45.86 1.26 -14.91	51.18 2.05 -7.92	81.18 4.19 -0.84	64.26 3.20 -4.96	49.11 2.12 -12.80	48.43 2.03 -13.11	44.23 1.53 -14.07	43.33 1.45 -15.16	43.60 1.44 -14.69	42.58 1.47 -16.26	41.25 1.32 -18.71	45.78 1.60 -19.46	49.35 1.93 -15.02	55.82 2.49 -6.06	84.66 2.90 -27.45	83.30 2.54 -36.31	53.01 2.00 -14.52	47.76 1.72 -13.76	46.52 1.68 -11.90
NYPA_POUCH1____GT 24155	56.08 1.85 -14.67	55.54 1.65 -18.01	54.96 1.64 -17.14	54.95 1.48 -19.32	54.95 1.34 -21.33	55.17 1.31 -24.17	56.29 2.10 -12.97	81.70 4.18 -1.37	66.77 3.22 -7.45	57.14 2.15 -20.79	56.81 2.05 -21.47	53.20 1.53 -23.05	52.98 1.45 -24.82	52.97 1.43 -24.06	52.94 1.47 -26.63	53.17 1.32 -30.63	58.22 1.63 -31.88	58.95 1.96 -24.60	59.72 2.53 -9.93	102.18 2.91 -44.96	106.50 2.58 -59.46	62.31 2.04 -23.78	56.57 1.76 -22.54	54.13 1.70 -19.48
NYPA_VERNON____GT2 24162	44.45 1.64 -3.25	41.33 1.46 -3.99	41.43 1.45 -3.80	39.73 1.29 -4.28	38.17 1.17 -4.72	36.50 1.16 -5.65	46.00 1.91 -2.87	80.41 3.96 -0.30	61.61 3.03 -2.48	41.01 2.02 -4.80	39.97 1.94 -4.75	35.18 1.45 -5.10	33.59 1.39 -5.49	34.16 1.37 -5.33	32.15 1.41 -5.90	29.27 1.26 -6.79	33.29 1.52 -7.05	39.67 1.84 -5.44	51.82 2.35 -2.20	67.00 2.75 -9.95	60.01 2.40 -13.15	43.64 1.89 -5.26	38.89 1.63 -4.99	38.83 1.58 -4.31
NYPA_VERNON____GT3 24163	44.45 1.64 -3.25	41.33 1.46 -3.99	41.43 1.45 -3.80	39.73 1.29 -4.28	38.17 1.17 -4.72	36.50 1.16 -5.65	46.00 1.91 -2.87	80.41 3.96 -0.30	61.61 3.03 -2.48	41.01 2.02 -4.80	39.97 1.94 -4.75	35.18 1.45 -5.10	33.59 1.39 -5.49	34.16 1.37 -5.33	32.15 1.41 -5.90	29.27 1.26 -6.79	33.29 1.52 -7.05	39.67 1.84 -5.44	51.82 2.35 -2.20	67.00 2.75 -9.95	60.01 2.40 -13.15	43.64 1.89 -5.26	38.89 1.63 -4.99	38.83 1.58 -4.31
NYPA__ASTORIA_CC1 323568	41.16 1.60 -0.01	37.32 1.43 -0.01	37.60 1.41 -0.01	35.42 1.26 -0.01	33.43 1.14 -0.01	31.35 1.13 -0.53	43.06 1.85 0.00	80.00 3.85 0.00	60.09 2.93 -1.06	36.40 1.96 -0.26	35.17 1.88 0.00	30.04 1.42 0.00	28.07 1.35 0.00	28.80 1.33 0.00	26.23 1.37 -0.01	22.47 1.23 -0.02	26.21 1.49 0.00	34.18 1.78 0.00	49.53 2.26 0.00	56.96 2.66 0.00	46.77 2.32 0.00	38.32 1.83 0.00	33.85 1.58 0.00	34.48 1.53 0.00
NYPA__ASTORIA_CC2 323569	41.16 1.60 -0.01	37.32 1.43 -0.01	37.60 1.41 -0.01	35.42 1.26 -0.01	33.43 1.14 -0.01	31.35 1.13 -0.53	43.06 1.85 0.00	80.00 3.85 0.00	60.09 2.93 -1.06	36.40 1.96 -0.26	35.17 1.88 0.00	30.04 1.42 0.00	28.07 1.35 0.00	28.80 1.33 0.00	26.23 1.37 -0.01	22.47 1.23 -0.02	26.21 1.49 0.00	34.18 1.78 0.00	49.53 2.26 0.00	56.96 2.66 0.00	46.77 2.32 0.00	38.32 1.83 0.00	33.85 1.58 0.00	34.48 1.53 0.00
NYPA__HOLTSVILL 23794	40.46 0.90 0.00	36.51 0.64 0.00	36.81 0.63 0.00	34.81 0.65 0.00	32.87 0.59 0.00	30.58 0.89 0.00	42.98 1.76 0.00	79.21 3.07 0.00	58.47 2.33 -0.04	35.70 1.50 -0.01	34.97 1.68 0.00	29.78 1.16 0.00	27.67 0.95 0.00	28.19 0.72 0.00	25.88 1.03 0.00	22.10 0.87 0.00	25.93 1.21 0.00	34.19 1.80 0.00	49.52 2.25 0.00	57.03 2.72 0.00	46.77 2.31 0.00	38.58 2.09 0.00	33.89 1.62 0.00	34.34 1.40 0.00
NYPA__HELLGATE_GT1 24158	40.86 1.30 -0.01	37.01 1.13 -0.01	37.34 1.15 -0.01	35.18 1.02 -0.01	33.18 0.89 -0.01	30.55 0.85 -0.01	42.79 1.58 0.00	79.56 3.42 0.00	59.78 2.64 -1.04	36.21 1.81 -0.21	34.99 1.71 0.00	29.90 1.29 0.01	27.93 1.22 0.00	28.66 1.19 0.00	26.10 1.25 0.00	22.36 1.13 -0.01	26.07 1.36 0.01	34.00 1.61 0.00	49.32 2.05 0.00	56.77 2.46 0.00	46.64 2.19 0.00	38.22 1.73 0.00	33.73 1.45 0.00	34.34 1.40 0.00
NYPA__HELLGATE_GT2 24159	40.86 1.30 -0.01	37.01 1.13 -0.01	37.34 1.15 -0.01	35.18 1.02 -0.01	33.18 0.89 -0.01	30.55 0.85 -0.01	42.79 1.58 0.00	79.56 3.42 0.00	59.78 2.64 -1.04	36.21 1.81 -0.21	34.99 1.71 0.00	29.90 1.29 0.01	27.93 1.22 0.00	28.66 1.19 0.00	26.10 1.25 0.00	22.36 1.13 -0.01	26.07 1.36 0.01	34.00 1.61 0.00	49.32 2.05 0.00	56.77 2.46 0.00	46.64 2.19 0.00	38.22 1.73 0.00	33.73 1.45 0.00	34.34 1.40 0.00
NYS_BARGE__HYD 23848	37.46 -2.10 0.00	33.98 -1.89 0.00	34.34 -1.84 0.00	32.02 -2.13 0.00	30.31 -1.97 0.00	27.80 -1.89 0.00	37.93 -3.29 0.00	69.48 -6.67 0.00	51.03 -5.07 0.00	31.32 -2.87 0.00	30.71 -2.57 0.00	26.47 -2.16 0.00	24.61 -2.11 0.00	25.57 -1.90 0.00	23.27 -1.57 0.00	19.78 -1.44 0.00	22.86 -1.86 0.00	29.73 -2.66 0.00	43.08 -4.19 0.00	48.76 -5.55 0.00	39.67 -4.59 0.20	32.67 -3.82 0.00	26.49 -3.58 2.21	25.14 -3.45 4.35

OAK ORCHARD___HYD 24046	38.15 -1.41 0.00	34.58 -1.29 0.00	34.93 -1.25 0.00	32.74 -1.41 0.00	31.00 -1.28 0.00	28.48 -1.21 0.00	39.26 -1.96 0.00	72.34 -3.81 0.00	53.07 -3.03 0.00	32.32 -1.86 0.00	31.59 -1.70 0.00	27.21 -1.41 0.00	25.31 -1.40 0.00	26.15 -1.32 0.00	23.76 -1.09 0.00	20.26 -0.96 0.00	23.41 -1.30 0.00	30.69 -1.71 0.00	44.68 -2.58 0.00	50.93 -3.37 0.00	41.69 -2.76 0.00	34.12 -2.37 0.00	30.10 -2.17 0.00	30.60 -2.08 0.26
OAKDALE___35_KV_LOAD 356122	39.00 -0.56 0.00	35.31 -0.57 0.00	35.67 -0.51 0.00	33.60 -0.56 0.00	31.75 -0.53 0.00	29.24 -0.45 0.00	40.65 -0.56 0.00	75.27 -0.88 0.00	55.22 -0.88 0.00	33.60 -0.59 0.00	32.59 -0.69 0.00	28.05 -0.57 0.00	26.19 -0.52 0.00	26.99 -0.48 0.00	24.43 -0.42 0.00	20.89 -0.34 0.00	24.25 -0.47 0.00	31.73 -0.66 0.00	46.36 -0.91 0.00	53.05 -1.25 0.00	43.41 -1.05 0.00	35.51 -0.99 0.00	31.38 -0.89 0.00	31.72 -0.94 0.28
OCC_CHEM___DRP 24175	36.81 -2.75 0.00	33.38 -2.49 0.00	33.71 -2.47 0.00	31.47 -2.69 0.00	29.80 -2.48 0.00	27.30 -2.39 0.00	37.27 -3.95 0.00	68.13 -8.02 0.00	50.06 -6.05 0.00	30.88 -3.31 0.00	30.36 -2.92 0.00	26.21 -2.42 0.00	24.38 -2.34 0.00	25.30 -2.17 0.00	23.07 -1.77 0.00	19.63 -1.59 0.00	22.63 -2.09 0.00	29.43 -2.96 0.00	42.49 -4.78 0.00	47.94 -6.37 0.00	39.11 -5.16 0.18	32.17 -4.32 0.00	26.22 -3.98 2.08	24.99 -3.83 4.12
OH_GEN_PROXY 24063	37.11 -2.44 0.00	33.68 -2.20 0.00	34.06 -2.13 0.00	31.74 -2.41 0.00	30.04 -2.24 0.00	27.52 -2.17 0.00	37.64 -3.58 0.00	69.00 -7.15 0.00	50.71 -5.40 0.00	31.18 -3.01 0.00	30.63 -2.66 0.00	26.43 -2.19 0.00	24.59 -2.12 0.00	25.52 -1.94 0.00	23.25 -1.59 0.00	19.80 -1.43 0.00	22.82 -1.90 0.00	29.73 -2.67 0.00	42.96 -4.31 0.00	48.57 -5.73 0.00	39.62 -4.67 0.17	32.58 -3.92 0.00	26.74 -3.62 1.92	25.65 -3.47 3.82
OLIN_CORP_DRP 24177	37.02 -2.54 0.00	33.55 -2.32 0.00	33.88 -2.30 0.00	31.64 -2.51 0.00	29.96 -2.32 0.00	27.46 -2.23 0.00	37.34 -3.87 0.00	68.29 -7.85 0.00	50.20 -5.90 0.00	30.90 -3.28 0.00	30.35 -2.93 0.00	26.18 -2.44 0.00	24.35 -2.37 0.00	25.29 -2.18 0.00	23.07 -1.77 0.00	19.61 -1.61 0.00	22.61 -2.11 0.00	29.39 -3.01 0.00	42.54 -4.73 0.00	48.05 -6.25 0.00	39.17 -5.11 0.18	32.26 -4.23 0.00	26.29 -3.96 2.03	25.05 -3.85 4.04
OLIN_CORP_DSASP 323712	36.80 -2.75 0.00	33.41 -2.46 0.00	33.77 -2.41 0.00	31.47 -2.69 0.00	29.79 -2.49 0.00	27.30 -2.39 0.00	37.28 -3.94 0.00	68.14 -8.01 0.00	50.06 -6.04 0.00	30.88 -3.31 0.00	30.36 -2.92 0.00	26.21 -2.42 0.00	24.37 -2.34 0.00	25.30 -2.17 0.00	23.06 -1.78 0.00	19.63 -1.59 0.00	22.63 -2.09 0.00	29.43 -2.96 0.00	42.47 -4.79 0.00	47.94 -6.36 0.00	39.08 -5.19 0.18	32.18 -4.32 0.00	26.24 -3.96 2.08	25.03 -3.79 4.12
ONEIDA_HERK_LFGE 323681	40.03 0.47 0.00	36.17 0.30 0.00	36.51 0.33 0.00	34.69 0.53 0.00	32.93 0.65 0.00	30.44 0.75 0.00	42.40 1.18 0.00	78.27 2.12 0.00	57.33 1.23 0.00	34.65 0.46 0.00	33.52 0.24 0.00	28.75 0.13 0.00	26.78 0.06 0.00	27.49 0.03 0.00	24.86 0.01 0.00	21.19 -0.03 0.00	24.74 0.02 0.00	32.72 0.33 0.00	48.13 0.86 0.00	55.24 0.94 0.00	44.90 0.44 0.00	36.69 0.19 0.00	32.39 0.12 0.00	32.97 0.02 0.00
ONEIDA___115KV_TB4 55905	40.11 0.56 0.00	36.27 0.40 0.00	36.60 0.42 0.00	34.60 0.44 0.00	32.77 0.50 0.00	30.29 0.60 0.00	42.20 0.99 0.00	78.09 1.94 0.00	57.17 1.07 0.00	34.51 0.33 0.00	33.40 0.12 0.00	28.66 0.04 0.00	26.70 -0.02 0.00	27.44 -0.03 0.00	24.83 -0.02 0.00	21.21 -0.02 0.00	24.75 0.04 0.00	32.63 0.24 0.00	47.99 0.73 0.00	55.15 0.84 0.00	45.00 0.54 0.00	36.83 0.33 0.00	32.55 0.28 0.00	33.18 0.24 0.00
ONONDAGA_REF_OCCRA 23987	38.86 -0.70 0.00	35.20 -0.68 0.00	35.54 -0.64 0.00	33.53 -0.63 0.00	31.72 -0.56 0.00	29.20 -0.49 0.00	40.44 -0.78 0.00	74.76 -1.39 0.00	54.83 -1.27 0.00	33.29 -0.90 0.00	32.33 -0.95 0.00	27.86 -0.76 0.00	25.97 -0.75 0.00	26.73 -0.74 0.00	24.20 -0.65 0.00	20.68 -0.55 0.00	24.02 -0.70 0.00	31.50 -0.89 0.00	46.12 -1.14 0.00	52.88 -1.42 0.00	43.25 -1.21 0.00	35.44 -1.06 0.00	31.42 -0.86 0.00	32.24 -0.83 -0.12
ONONDAGA___COGEN 23986	38.83 -0.72 0.00	35.19 -0.69 0.00	35.52 -0.66 0.00	33.52 -0.64 0.00	31.70 -0.58 0.00	29.17 -0.52 0.00	40.40 -0.82 0.00	74.63 -1.52 0.00	54.75 -1.36 0.00	33.24 -0.94 0.00	32.30 -0.98 0.00	27.84 -0.79 0.00	25.95 -0.76 0.00	26.71 -0.76 0.00	24.18 -0.66 0.00	20.65 -0.57 0.00	23.98 -0.73 0.00	31.48 -0.92 0.00	46.09 -1.18 0.00	52.83 -1.47 0.00	43.21 -1.25 0.00	35.40 -1.10 0.00	31.39 -0.88 0.00	32.11 -0.84 0.00
ONTARIO___LFGE 23819	38.89 -0.67 0.00	35.23 -0.64 0.00	35.60 -0.58 0.00	33.44 -0.72 0.00	31.65 -0.63 0.00	29.19 -0.49 0.00	40.54 -0.67 0.00	74.91 -1.24 0.00	54.79 -1.32 0.00	33.18 -1.01 0.00	32.05 -1.23 0.00	27.53 -1.09 0.00	25.63 -1.08 0.00	26.43 -1.04 0.00	23.89 -0.96 0.00	20.39 -0.84 0.00	23.64 -1.08 0.00	31.11 -1.29 0.00	45.77 -1.50 0.00	52.39 -1.92 0.00	42.89 -1.68 -0.12	34.91 -1.59 0.00	32.13 -1.46 -1.31	33.27 -1.49 -1.82
ORANGEVILLE_WT_PWR 323706	37.76 -1.79 0.00	34.24 -1.63 0.00	34.58 -1.60 0.00	32.25 -1.91 0.00	30.46 -1.82 0.00	28.01 -1.69 0.00	38.51 -2.70 0.00	71.08 -5.06 0.00	52.10 -4.00 0.00	31.61 -2.57 0.00	30.77 -2.51 0.00	26.52 -2.10 0.00	24.70 -2.01 0.00	25.55 -1.92 0.00	23.10 -1.75 0.00	19.60 -1.62 0.00	22.65 -2.07 0.00	29.67 -2.73 0.00	43.50 -3.76 0.00	49.19 -5.11 0.00	38.46 -4.71 1.29	32.37 -4.13 0.00	13.99 -3.74 14.55	2.35 -3.80 26.80
ORANGEVILLE___ESR 323794	37.76 -1.79 0.00	34.24 -1.63 0.00	34.58 -1.60 0.00	32.25 -1.91 0.00	30.46 -1.82 0.00	28.01 -1.69 0.00	38.51 -2.70 0.00	71.08 -5.06 0.00	52.10 -4.00 0.00	31.61 -2.57 0.00	30.77 -2.51 0.00	26.52 -2.10 0.00	24.70 -2.01 0.00	25.55 -1.92 0.00	23.10 -1.75 0.00	19.60 -1.62 0.00	22.65 -2.07 0.00	29.67 -2.73 0.00	43.50 -3.76 0.00	49.19 -5.11 0.00	38.46 -4.71 1.29	32.37 -4.13 0.00	13.99 -3.74 14.55	2.35 -3.80 26.80
OSWEGATCHIE___HYD 24044	39.67 0.11 0.00	35.89 0.02 0.00	36.24 0.06 0.00	34.47 0.31 0.00	32.74 0.46 0.00	30.22 0.53 0.00	41.91 0.70 0.00	77.31 1.17 0.00	56.86 0.76 0.00	34.34 0.15 0.00	33.22 -0.07 0.00	28.56 -0.06 0.00	26.60 -0.12 0.00	27.34 -0.13 0.00	24.59 -0.26 0.00	20.91 -0.32 0.00	24.34 -0.37 0.00	32.21 -0.18 0.00	47.51 0.24 0.00	54.78 0.47 0.00	44.44 -0.02 0.00	36.34 -0.15 0.00	31.98 -0.30 0.00	32.47 -0.47 0.00
OSWEGO___5 23606	38.29 -1.27 0.00	34.70 -1.18 0.00	35.02 -1.16 0.00	33.05 -1.11 0.00	31.26 -1.02 0.00	28.74 -0.96 0.00	39.73 -1.49 0.00	73.37 -2.78 0.00	53.90 -2.20 0.00	32.80 -1.39 0.00	31.95 -1.33 0.00	27.54 -1.08 0.00	25.68 -1.04 0.00	26.43 -1.03 0.00	23.93 -0.92 0.00	20.44 -0.78 0.00	23.73 -0.99 0.00	31.07 -1.33 0.00	45.40 -1.87 0.00	52.07 -2.23 0.00	42.60 -1.86 0.00	34.94 -1.55 0.00	31.00 -1.27 0.00	31.74 -1.21 0.00

OSWEGO___6 23613	38.29 -1.27 0.00	34.70 -1.18 0.00	35.02 -1.16 0.00	33.05 -1.11 0.00	31.26 -1.02 0.00	28.74 -0.96 0.00	39.73 -1.49 0.00	73.37 -2.78 0.00	53.90 -2.20 0.00	32.80 -1.39 0.00	31.95 -1.33 0.00	27.54 -1.08 0.00	25.68 -1.04 0.00	26.43 -1.03 0.00	23.93 -0.92 0.00	20.44 -0.78 0.00	23.73 -0.99 0.00	31.07 -1.33 0.00	45.40 -1.87 0.00	52.07 -2.23 0.00	42.60 -1.86 0.00	34.94 -1.55 0.00	31.00 -1.27 0.00	31.74 -1.21 0.00
OUTOKUMPU-AB___DRP 24206	37.77 -1.79 0.00	34.23 -1.65 0.00	34.58 -1.60 0.00	32.29 -1.87 0.00	30.55 -1.73 0.00	28.02 -1.68 0.00	38.32 -2.90 0.00	70.26 -5.88 0.00	51.61 -4.49 0.00	31.73 -2.46 0.00	31.14 -2.14 0.00	26.84 -1.79 0.00	24.96 -1.75 0.00	25.92 -1.55 0.00	23.61 -1.24 0.00	20.07 -1.15 0.00	23.16 -1.56 0.00	30.14 -2.26 0.00	43.62 -3.65 0.00	49.29 -5.01 0.00	40.18 -4.11 0.17	33.01 -3.48 0.00	27.01 -3.28 1.98	25.82 -3.18 3.95
OXBOW___BTM 323836	37.23 -2.33 0.00	33.78 -2.09 0.00	34.15 -2.03 0.00	31.83 -2.33 0.00	30.12 -2.16 0.00	27.61 -2.08 0.00	37.75 -3.46 0.00	69.11 -7.03 0.00	50.78 -5.33 0.00	31.27 -2.92 0.00	30.71 -2.57 0.00	26.50 -2.13 0.00	24.64 -2.07 0.00	25.58 -1.89 0.00	23.30 -1.54 0.00	19.83 -1.39 0.00	22.87 -1.85 0.00	29.76 -2.63 0.00	42.99 -4.28 0.00	48.57 -5.74 0.00	39.57 -4.71 0.18	32.56 -3.93 0.00	26.60 -3.65 2.03	25.41 -3.51 4.03
OXBOW____ 24026	37.23 -2.32 0.00	33.75 -2.12 0.00	34.09 -2.09 0.00	31.83 -2.33 0.00	30.12 -2.16 0.00	27.62 -2.07 0.00	37.75 -3.47 0.00	69.11 -7.04 0.00	50.77 -5.33 0.00	31.26 -2.92 0.00	30.72 -2.56 0.00	26.50 -2.13 0.00	24.64 -2.07 0.00	25.58 -1.89 0.00	23.31 -1.54 0.00	19.83 -1.39 0.00	22.87 -1.85 0.00	29.76 -2.64 0.00	43.00 -4.26 0.00	48.57 -5.74 0.00	39.60 -4.68 0.18	32.56 -3.94 0.00	26.57 -3.67 2.03	25.37 -3.54 4.03
OXY_CHEM_DSASP 323612	36.81 -2.75 0.00	33.38 -2.49 0.00	33.71 -2.47 0.00	31.47 -2.69 0.00	29.80 -2.48 0.00	27.30 -2.39 0.00	37.27 -3.95 0.00	68.13 -8.02 0.00	50.06 -6.05 0.00	30.88 -3.31 0.00	30.36 -2.92 0.00	26.21 -2.42 0.00	24.38 -2.34 0.00	25.30 -2.17 0.00	23.07 -1.77 0.00	19.63 -1.59 0.00	22.63 -2.09 0.00	29.43 -2.96 0.00	42.49 -4.78 0.00	47.94 -6.37 0.00	39.11 -5.16 0.18	32.17 -4.32 0.00	26.22 -3.98 2.08	24.99 -3.83 4.12
OZONE_PARK_ESR 323760	41.34 1.78 0.00	37.45 1.58 0.00	37.73 1.55 0.00	35.53 1.37 0.00	33.54 1.26 0.00	30.94 1.25 0.00	43.33 2.11 0.00	80.58 4.44 0.00	60.35 3.38 -0.87	36.60 2.19 -0.21	35.38 2.10 0.00	30.20 1.58 0.00	28.22 1.50 0.00	28.94 1.47 0.00	26.36 1.51 0.00	22.59 1.35 -0.01	26.33 1.62 0.00	34.39 2.00 0.00	49.93 2.66 0.00	57.44 3.14 0.00	47.17 2.71 0.00	38.60 2.11 0.00	34.08 1.81 0.00	34.71 1.76 0.00
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	36.81 -2.75 0.00	33.38 -2.49 0.00	33.71 -2.47 0.00	31.47 -2.69 0.00	29.80 -2.48 0.00	27.30 -2.39 0.00	37.27 -3.95 0.00	68.13 -8.02 0.00	50.06 -6.05 0.00	30.88 -3.31 0.00	30.36 -2.92 0.00	26.21 -2.42 0.00	24.38 -2.34 0.00	25.30 -2.17 0.00	23.07 -1.77 0.00	19.63 -1.59 0.00	22.63 -2.09 0.00	29.43 -2.96 0.00	42.49 -4.78 0.00	47.94 -6.37 0.00	39.11 -5.16 0.18	32.17 -4.32 0.00	26.22 -3.98 2.08	24.99 -3.83 4.12
PACKARD__I15KV_DUPONT_I84 80571	36.81 -2.75 0.00	33.38 -2.49 0.00	33.71 -2.47 0.00	31.47 -2.69 0.00	29.80 -2.48 0.00	27.30 -2.39 0.00	37.27 -3.95 0.00	68.13 -8.02 0.00	50.06 -6.05 0.00	30.88 -3.31 0.00	30.36 -2.92 0.00	26.21 -2.42 0.00	24.38 -2.34 0.00	25.30 -2.17 0.00	23.07 -1.77 0.00	19.63 -1.59 0.00	22.63 -2.09 0.00	29.43 -2.96 0.00	42.49 -4.78 0.00	47.94 -6.37 0.00	39.11 -5.16 0.18	32.17 -4.32 0.00	26.22 -3.98 2.08	24.99 -3.83 4.12
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	40.94 1.37 -0.01	37.09 1.21 -0.01	37.39 1.20 -0.01	35.23 1.06 -0.01	33.23 0.94 -0.01	30.63 0.94 -0.01	42.90 1.69 0.00	79.79 3.64 0.00	59.95 2.78 -1.06	36.19 1.79 -0.21	34.98 1.70 0.00	29.87 1.25 0.00	27.90 1.19 0.00	28.62 1.15 0.00	26.06 1.21 -0.01	22.33 1.10 -0.02	26.04 1.32 0.00	33.98 1.58 0.00	49.31 2.04 0.00	56.75 2.45 0.00	46.62 2.16 0.00	38.20 1.71 0.00	33.71 1.44 0.00	34.32 1.38 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	41.05 1.48 -0.01	37.24 1.36 -0.01	37.53 1.35 -0.01	35.38 1.22 -0.01	33.39 1.10 -0.01	30.79 1.09 -0.01	43.16 1.94 0.00	80.24 4.09 0.00	60.36 3.20 -1.06	36.40 2.00 -0.21	35.07 1.78 0.00	29.92 1.30 0.00	28.00 1.29 0.00	28.67 1.20 0.00	26.08 1.23 -0.01	22.37 1.13 -0.02	26.07 1.35 0.00	34.02 1.63 0.00	49.50 2.23 0.00	56.99 2.69 0.00	46.76 2.31 0.00	38.36 1.87 0.00	33.82 1.55 0.00	34.44 1.49 0.00
PATROON__I15KV_TB1 80586	40.70 1.15 0.00	36.90 1.03 0.00	37.20 1.02 0.00	35.16 1.00 0.00	33.22 0.94 0.00	30.60 0.91 0.00	42.67 1.46 0.00	78.74 2.60 0.00	57.89 1.78 0.00	35.25 1.06 0.00	34.24 0.96 0.00	29.33 0.71 0.00	27.39 0.68 0.00	28.12 0.64 0.00	25.50 0.66 0.00	21.83 0.61 0.00	25.56 0.84 0.00	33.58 1.19 0.00	48.96 1.69 0.00	56.23 1.93 0.00	46.14 1.68 0.00	37.89 1.39 0.00	33.51 1.24 0.00	34.19 1.24 0.00
PATTRSNVILLE___SOLAR 323815	40.59 1.04 0.00	36.80 0.93 0.00	37.11 0.93 0.00	35.05 0.90 0.00	33.15 0.87 0.00	30.53 0.85 0.00	42.54 1.33 0.00	78.58 2.44 0.00	57.43 1.33 0.00	34.63 0.44 0.00	33.58 0.29 0.00	28.80 0.18 0.00	26.88 0.17 0.00	27.61 0.14 0.00	25.00 0.16 0.00	21.37 0.14 0.00	25.01 0.29 0.00	33.07 0.68 0.00	48.67 1.40 0.00	56.02 1.72 0.00	45.89 1.43 0.00	37.65 1.16 0.00	33.28 1.01 0.00	33.93 0.99 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	38.66 -0.89 0.00	35.01 -0.87 0.00	35.40 -0.78 0.00	33.04 -1.12 0.00	31.25 -1.03 0.00	28.62 -1.07 0.00	39.35 -1.87 0.00	72.41 -3.73 0.00	53.19 -2.92 0.00	32.61 -1.58 0.00	31.89 -1.40 0.00	27.50 -1.12 0.00	25.60 -1.11 0.00	26.55 -0.91 0.00	24.15 -0.69 0.00	20.56 -0.67 0.00	23.72 -1.00 0.00	30.90 -1.50 0.00	44.78 -2.49 0.00	50.70 -3.60 0.00	41.36 -2.97 0.13	33.90 -2.59 0.00	28.28 -2.56 1.44	27.44 -2.48 3.03
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	41.06 1.50 0.00	37.20 1.33 0.00	37.49 1.31 0.00	35.34 1.19 0.00	33.38 1.10 0.00	30.79 1.10 0.00	43.13 1.92 0.00	80.04 3.89 0.00	58.96 2.85 0.00	36.00 1.81 0.00	34.94 1.66 0.00	29.83 1.21 0.00	27.85 1.13 0.00	28.58 1.11 0.00	26.00 1.15 0.00	22.26 1.04 0.00	26.02 1.30 0.00	34.05 1.66 0.00	49.58 2.31 0.00	57.05 2.74 0.00	46.80 2.34 0.00	38.33 1.84 0.00	33.85 1.57 0.00	34.47 1.52 0.00
PEEKSKILL____ 23653	40.54 0.98 0.00	36.72 0.85 0.00	37.02 0.83 0.00	34.88 0.73 0.00	32.93 0.65 0.00	30.37 0.67 0.00	42.47 1.26 0.00	78.87 2.73 0.00	58.13 2.03 0.00	35.50 1.32 0.00	34.50 1.22 0.00	29.49 0.86 0.00	27.54 0.83 0.00	28.27 0.80 0.00	25.74 0.90 0.00	22.04 0.82 0.00	25.74 1.02 0.00	33.65 1.26 0.00	48.98 1.71 0.00	56.34 2.04 0.00	46.22 1.77 0.00	37.82 1.33 0.00	33.42 1.14 0.00	34.05 1.11 0.00

PGE MADISON___WINDPWR 24146	40.85 1.29 0.00	37.07 1.20 0.00	37.46 1.28 0.00	35.46 1.30 0.00	33.51 1.23 0.00	31.03 1.34 0.00	43.52 2.30 0.00	80.70 4.55 0.00	58.91 2.81 0.00	35.39 1.20 0.00	34.14 0.86 0.00	29.29 0.67 0.00	27.23 0.52 0.00	27.89 0.42 0.00	25.10 0.25 0.00	21.49 0.26 0.00	25.13 0.41 0.00	33.42 1.03 0.00	49.10 1.83 0.00	55.90 1.60 0.00	45.52 1.02 -0.04	36.87 0.38 0.00	32.87 0.12 -0.49	34.47 -0.01 -1.54
PIERCEFIELD___HYD 23852	40.23 0.68 0.00	36.53 0.66 0.00	36.86 0.68 0.00	34.80 0.65 0.00	32.93 0.65 0.00	30.27 0.57 0.00	41.92 0.71 0.00	77.47 1.32 0.00	57.38 1.28 0.00	34.82 0.63 0.00	33.85 0.57 0.00	29.18 0.56 0.00	27.19 0.48 0.00	27.99 0.52 0.00	25.09 0.24 0.00	21.35 0.12 0.00	24.83 0.11 0.00	32.64 0.25 0.00	47.85 0.59 0.00	55.37 1.06 0.00	45.21 0.76 0.00	37.16 0.67 0.00	32.67 0.40 0.00	33.20 0.25 0.00
PINELAWN_CC_1 323563	40.92 1.36 0.00	36.93 1.06 0.00	37.24 1.06 0.00	35.14 0.98 0.00	33.18 0.90 0.00	30.76 1.07 0.00	43.22 2.00 0.00	79.89 3.75 0.00	58.98 2.83 -0.04	36.01 1.81 -0.01	35.22 1.94 0.00	29.91 1.29 0.00	27.81 1.09 0.00	28.39 0.92 0.00	25.98 1.14 0.00	22.23 1.01 0.00	26.06 1.34 0.00	34.34 1.95 0.00	49.90 2.63 0.00	57.47 3.17 0.00	47.14 2.68 0.00	38.73 2.24 0.00	34.01 1.74 0.00	34.50 1.55 0.00
PJM_GEN_HTP_PROXY 323702	40.93 1.38 0.00	37.09 1.21 0.00	37.38 1.20 0.00	35.20 1.04 0.00	33.22 0.94 0.00	30.65 0.96 0.00	42.91 1.69 0.00	79.74 3.59 0.00	59.52 2.76 -0.66	36.11 1.82 -0.10	35.03 1.75 0.00	29.90 1.28 0.00	27.87 1.23 0.07	28.67 1.20 0.00	26.12 1.27 0.00	22.37 1.14 -0.01	26.07 1.35 0.00	34.04 1.65 0.00	49.44 2.18 0.00	56.84 2.54 0.00	46.70 2.24 0.00	38.22 1.73 0.00	33.74 1.46 0.00	34.37 1.43 0.00
PJM_GEN_KEystone 24065	39.07 -0.49 0.00	35.36 -0.51 0.00	35.73 -0.45 0.00	33.52 -0.64 0.00	31.62 -0.65 0.00	29.11 -0.58 0.00	32.45 -0.71 8.06	75.22 -0.93 0.00	55.38 -0.78 -0.06	33.75 -0.39 0.04	32.87 -0.41 0.00	28.23 -0.39 0.00	26.29 -0.35 0.07	27.37 -0.29 -0.20	24.72 -0.13 0.00	21.14 -0.08 0.00	24.54 -0.18 0.00	31.97 -0.43 0.00	46.51 -0.75 0.00	53.23 -1.07 0.00	43.62 -0.84 0.00	35.62 -0.87 0.00	31.43 -0.84 0.00	31.84 -0.86 0.24
PJM_GEN_NEPTUNE_PROXY 323594	40.62 1.06 0.00	36.73 0.85 0.00	37.02 0.84 0.00	34.92 0.77 0.00	32.97 0.69 0.00	30.52 0.83 0.00	42.79 1.58 0.00	79.17 3.02 0.00	58.47 2.32 -0.04	35.67 1.53 0.05	34.88 1.60 0.00	29.73 1.11 0.00	27.62 0.98 0.07	28.33 0.86 0.00	25.88 1.03 0.00	22.15 0.93 0.00	25.90 1.19 0.00	34.00 1.61 0.00	49.33 2.07 0.00	56.79 2.48 0.00	46.61 2.15 0.00	38.30 1.81 0.00	33.70 1.43 0.00	34.23 1.29 0.00
PJM_GEN_VFT_PROXY 323633	40.81 1.26 0.00	36.98 1.11 0.00	37.27 1.09 0.00	35.09 0.93 0.00	33.12 0.84 0.00	30.56 0.87 0.00	42.75 1.53 0.00	79.49 3.35 0.00	59.54 2.56 -0.87	36.04 1.70 -0.16	34.89 1.61 0.00	29.81 1.19 0.00	27.80 1.16 0.07	28.60 1.13 0.00	26.06 1.21 0.00	22.33 1.10 -0.01	26.02 1.30 0.00	33.92 1.53 0.00	49.28 2.02 0.00	56.69 2.39 0.00	46.57 2.12 0.00	38.08 1.59 0.00	33.64 1.37 0.00	34.27 1.32 0.00
PLATSBURG_115KV_PMLD1 355749	40.84 1.28 0.00	37.53 1.66 0.00	37.86 1.68 0.00	35.84 1.68 0.00	33.80 1.52 0.00	30.75 1.06 0.00	42.16 0.94 0.00	78.38 2.24 0.00	58.58 2.48 0.00	35.86 1.68 0.00	34.98 1.70 0.00	30.37 1.75 0.00	28.33 1.62 0.00	29.09 1.63 0.00	26.19 1.35 0.00	22.32 1.09 0.00	25.98 1.26 0.00	33.78 1.39 0.00	49.26 1.99 0.00	56.67 2.36 0.00	46.37 1.92 0.00	38.05 1.55 0.00	33.39 1.11 0.00	33.75 0.80 0.00
PLEASANTVLY___LBMP 24000	40.47 0.91 0.00	36.69 0.82 0.00	36.98 0.80 0.00	34.89 0.74 0.00	32.95 0.67 0.00	30.35 0.66 0.00	42.45 1.23 0.00	78.67 2.53 0.00	57.98 1.87 0.00	35.40 1.21 0.00	34.44 1.16 0.00	29.45 0.82 0.00	27.50 0.79 0.00	28.23 0.76 0.00	25.68 0.83 0.00	21.98 0.75 0.00	25.66 0.95 0.00	33.60 1.21 0.00	48.87 1.60 0.00	56.22 1.91 0.00	46.14 1.68 0.00	37.81 1.32 0.00	33.42 1.14 0.00	34.07 1.13 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.77 1.21 0.00	36.92 1.05 0.00	37.22 1.04 0.00	35.09 0.93 0.00	33.14 0.86 0.00	30.55 0.86 0.00	42.74 1.52 0.00	79.28 3.14 0.00	58.41 2.35 0.04	35.71 1.54 0.01	34.76 1.48 0.00	29.70 1.07 0.00	27.73 1.02 0.00	28.48 1.01 0.00	25.91 1.07 0.00	22.17 0.95 0.00	25.90 1.18 0.00	33.87 1.47 0.00	49.26 2.00 0.00	56.62 2.32 0.00	46.49 2.03 0.00	38.07 1.57 0.00	33.63 1.36 0.00	34.28 1.33 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.77 1.21 0.00	36.92 1.05 0.00	37.22 1.04 0.00	35.09 0.93 0.00	33.14 0.86 0.00	30.55 0.86 0.00	42.74 1.52 0.00	79.28 3.14 0.00	58.41 2.35 0.04	35.71 1.54 0.01	34.76 1.48 0.00	29.70 1.07 0.00	27.73 1.02 0.00	28.48 1.01 0.00	25.91 1.07 0.00	22.17 0.95 0.00	25.90 1.18 0.00	33.87 1.47 0.00	49.26 2.00 0.00	56.62 2.32 0.00	46.49 2.03 0.00	38.07 1.57 0.00	33.63 1.36 0.00	34.28 1.33 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.74 1.18 0.00	36.94 1.06 0.00	37.23 1.05 0.00	35.12 0.97 0.00	33.17 0.89 0.00	30.57 0.88 0.00	42.79 1.58 0.00	79.34 3.19 0.00	58.43 2.32 0.00	35.63 1.44 0.00	34.59 1.31 0.00	29.56 0.93 0.00	27.58 0.87 0.00	28.32 0.85 0.00	25.74 0.90 0.00	22.04 0.82 0.00	25.76 1.04 0.00	33.81 1.42 0.00	49.24 1.97 0.00	56.71 2.41 0.00	46.52 2.07 0.00	38.11 1.62 0.00	33.66 1.38 0.00	34.29 1.35 0.00
POLETTI___ 23519	41.02 1.47 0.00	37.18 1.31 0.00	37.46 1.28 0.00	35.28 1.13 0.00	33.31 1.03 0.00	30.72 1.03 0.00	42.98 1.76 0.00	79.87 3.72 0.00	59.84 2.87 -0.87	36.28 1.88 -0.21	35.09 1.81 0.00	29.96 1.34 0.00	28.01 1.29 0.00	28.73 1.26 0.00	26.18 1.32 0.00	22.43 1.20 -0.01	26.13 1.42 0.00	34.11 1.71 0.00	49.52 2.25 0.00	56.93 2.62 0.00	46.75 2.30 0.00	38.28 1.79 0.00	33.80 1.52 0.00	34.44 1.49 0.00
POMONA___ESR 323819	40.51 0.95 0.00	36.70 0.83 0.00	37.00 0.82 0.00	34.85 0.69 0.00	32.90 0.62 0.00	30.34 0.65 0.00	42.44 1.22 0.00	78.85 2.70 0.00	58.10 2.00 0.00	35.48 1.29 0.00	34.48 1.20 0.00	29.47 0.84 0.00	27.53 0.81 0.00	28.25 0.78 0.00	25.73 0.89 0.00	22.04 0.82 0.00	25.73 1.01 0.00	33.64 1.25 0.00	48.98 1.71 0.00	56.33 2.03 0.00	46.20 1.74 0.00	37.79 1.30 0.00	33.39 1.12 0.00	34.03 1.08 0.00
PORT_JEFF_3 23555	40.56 1.00 0.00	36.59 0.71 0.00	36.89 0.70 0.00	34.87 0.72 0.00	32.93 0.65 0.00	30.65 0.96 0.00	43.11 1.89 0.00	79.45 3.30 0.00	58.64 2.49 -0.04	35.78 1.58 -0.01	35.05 1.77 0.00	29.85 1.22 0.00	27.71 1.00 0.00	28.23 0.77 0.00	25.93 1.08 0.00	22.13 0.91 0.00	25.99 1.27 0.00	34.29 1.89 0.00	49.69 2.42 0.00	57.23 2.93 0.00	46.93 2.47 0.00	38.71 2.22 0.00	33.99 1.71 0.00	34.42 1.48 0.00

PORT_JEFF_4 23616	40.56 1.00 0.00	36.59 0.71 0.00	36.89 0.70 0.00	34.87 0.72 0.00	32.93 0.65 0.00	30.65 0.96 0.00	43.11 1.89 0.00	79.45 3.30 0.00	58.64 2.49 -0.04	35.78 1.58 -0.01	35.05 1.77 0.00	29.85 1.22 0.00	27.71 1.00 0.00	28.23 0.77 0.00	25.93 1.08 0.00	22.13 0.91 0.00	25.99 1.27 0.00	34.29 1.89 0.00	49.69 2.42 0.00	57.23 2.93 0.00	46.93 2.47 0.00	38.71 2.22 0.00	33.99 1.71 0.00	34.42 1.48 0.00
PORT_JEFF_IC 23713	40.52 0.96 0.00	36.55 0.67 0.00	36.84 0.66 0.00	34.84 0.68 0.00	32.90 0.62 0.00	30.63 0.94 0.00	43.10 1.89 0.00	79.41 3.26 0.00	58.62 2.48 -0.04	35.77 1.57 -0.01	35.05 1.77 0.00	29.83 1.21 0.00	27.69 0.97 0.00	28.20 0.73 0.00	25.91 1.06 0.00	22.11 0.89 0.00	25.97 1.25 0.00	34.29 1.89 0.00	49.68 2.41 0.00	57.23 2.93 0.00	46.92 2.47 0.00	38.72 2.23 0.00	33.97 1.70 0.00	34.40 1.46 0.00
PPL_PILGRIM_ST_GT1 24216	41.18 1.63 0.00	37.08 1.20 0.00	37.41 1.23 0.00	35.32 1.16 0.00	33.37 1.10 0.00	30.98 1.28 0.00	43.51 2.30 0.00	80.28 4.13 0.00	59.23 3.09 -0.04	36.18 1.98 -0.01	35.40 2.12 0.00	30.11 1.48 0.00	27.96 1.25 0.00	28.55 1.08 0.00	26.17 1.32 0.00	22.36 1.14 0.00	26.25 1.53 0.00	34.55 2.16 0.00	50.19 2.92 0.00	57.77 3.46 0.00	47.41 2.95 0.00	38.95 2.46 0.00	34.17 1.89 0.00	34.63 1.69 0.00
PPL_PILGRIM_ST_GT2 24217	41.18 1.63 0.00	37.08 1.20 0.00	37.41 1.23 0.00	35.32 1.16 0.00	33.37 1.10 0.00	30.98 1.28 0.00	43.51 2.30 0.00	80.28 4.13 0.00	59.23 3.09 -0.04	36.18 1.98 -0.01	35.40 2.12 0.00	30.11 1.48 0.00	27.96 1.25 0.00	28.55 1.08 0.00	26.17 1.32 0.00	22.36 1.14 0.00	26.25 1.53 0.00	34.55 2.16 0.00	50.19 2.92 0.00	57.77 3.46 0.00	47.41 2.95 0.00	38.95 2.46 0.00	34.17 1.89 0.00	34.63 1.69 0.00
PPL_SHRM_GT3 24213	39.66 0.10 0.00	35.77 -0.10 0.00	36.06 -0.12 0.00	34.19 0.04 0.00	32.23 -0.05 0.00	30.22 0.53 0.00	42.75 1.53 0.00	78.42 2.27 0.00	57.86 1.72 -0.04	35.10 0.90 -0.01	34.49 1.21 0.00	29.42 0.79 0.00	27.32 0.60 0.00	27.77 0.30 0.00	25.65 0.80 0.00	21.78 0.56 0.00	25.63 0.91 0.00	33.90 1.50 0.00	48.93 1.66 0.00	56.36 2.05 0.00	46.17 1.71 0.00	38.41 1.92 0.00	33.56 1.29 0.00	33.88 0.94 0.00
PPL_SHRM_GT4 24214	39.66 0.10 0.00	35.77 -0.10 0.00	36.06 -0.12 0.00	34.19 0.04 0.00	32.23 -0.05 0.00	30.22 0.53 0.00	42.75 1.53 0.00	78.42 2.27 0.00	57.86 1.72 -0.04	35.10 0.90 -0.01	34.49 1.21 0.00	29.42 0.79 0.00	27.32 0.60 0.00	27.77 0.30 0.00	25.65 0.80 0.00	21.78 0.56 0.00	25.63 0.91 0.00	33.90 1.50 0.00	48.93 1.66 0.00	56.36 2.05 0.00	46.17 1.71 0.00	38.41 1.92 0.00	33.56 1.29 0.00	33.88 0.94 0.00
PROJECT___ORANGE 1 24174	38.60 -0.95 0.00	34.98 -0.90 0.00	35.30 -0.88 0.00	33.32 -0.84 0.00	31.51 -0.77 0.00	28.99 -0.70 0.00	40.11 -1.11 0.00	74.15 -2.00 0.00	54.40 -1.71 0.00	33.07 -1.12 0.00	32.17 -1.12 0.00	27.73 -0.90 0.00	25.84 -0.87 0.00	26.60 -0.87 0.00	24.10 -0.75 0.00	20.59 -0.63 0.00	23.90 -0.81 0.00	31.34 -1.06 0.00	45.82 -1.45 0.00	52.48 -1.82 0.00	42.95 -1.51 0.00	35.19 -1.30 0.00	31.22 -1.05 0.00	31.95 -1.00 0.00
PROJECT___ORANGE 2 24166	38.60 -0.95 0.00	34.98 -0.90 0.00	35.30 -0.88 0.00	33.32 -0.84 0.00	31.51 -0.77 0.00	28.99 -0.70 0.00	40.11 -1.11 0.00	74.15 -2.00 0.00	54.40 -1.71 0.00	33.07 -1.12 0.00	32.17 -1.12 0.00	27.73 -0.90 0.00	25.84 -0.87 0.00	26.60 -0.87 0.00	24.10 -0.75 0.00	20.59 -0.63 0.00	23.90 -0.81 0.00	31.34 -1.06 0.00	45.82 -1.45 0.00	52.48 -1.82 0.00	42.95 -1.51 0.00	35.19 -1.30 0.00	31.22 -1.05 0.00	31.95 -1.00 0.00
PUCKETT___SOLAR 323809	39.32 -0.24 0.00	35.65 -0.22 0.00	36.04 -0.14 0.00	34.00 -0.15 0.00	32.16 -0.12 0.00	29.67 -0.02 0.00	41.36 0.14 0.00	76.64 0.50 0.00	56.11 0.01 0.00	33.86 -0.32 0.00	32.68 -0.60 0.00	28.05 -0.58 0.00	26.17 -0.54 0.00	26.92 -0.54 0.00	24.35 -0.50 0.00	20.84 -0.38 0.00	24.25 -0.46 0.00	31.88 -0.51 0.00	46.82 -0.45 0.00	53.54 -0.77 0.00	43.76 -0.70 0.00	35.75 -0.74 0.00	31.56 -0.71 0.00	32.17 -0.78 0.00
PYRITES___HYD 24023	41.22 1.66 0.00	37.41 1.53 0.00	37.74 1.56 0.00	35.58 1.42 0.00	33.67 1.39 0.00	30.94 1.25 0.00	42.90 1.69 0.00	79.34 3.20 0.00	58.51 2.41 0.00	35.28 1.09 0.00	34.19 0.91 0.00	29.48 0.86 0.00	27.47 0.76 0.00	28.29 0.82 0.00	25.37 0.52 0.00	21.56 0.34 0.00	25.10 0.38 0.00	33.02 0.63 0.00	48.75 1.48 0.00	56.68 2.38 0.00	46.35 1.89 0.00	38.08 1.59 0.00	33.47 1.20 0.00	33.98 1.04 0.00
QUAKERRD_115KV_BK1 80622	37.51 -2.05 0.00	33.98 -1.89 0.00	34.31 -1.87 0.00	32.25 -1.91 0.00	30.53 -1.75 0.00	28.07 -1.63 0.00	38.72 -2.50 0.00	71.44 -4.70 0.00	52.40 -3.70 0.00	31.89 -2.30 0.00	31.15 -2.13 0.00	26.82 -1.80 0.00	24.97 -1.75 0.00	25.76 -1.71 0.00	23.37 -1.47 0.00	19.91 -1.32 0.00	23.04 -1.68 0.00	30.25 -2.15 0.00	44.13 -3.14 0.00	50.33 -3.97 0.00	41.19 -3.27 0.00	33.69 -2.80 0.00	29.76 -2.51 0.00	30.26 -2.46 0.23
QUENSBRY_115KV_TB8 356137	41.20 1.64 0.00	37.28 1.41 0.00	37.61 1.43 0.00	35.61 1.46 0.00	33.66 1.38 0.00	31.10 1.41 0.00	43.66 2.44 0.00	80.59 4.44 0.00	58.89 2.79 0.00	35.45 1.27 0.00	34.70 1.42 0.00	29.93 1.31 0.00	27.84 1.13 0.00	28.54 1.07 0.00	25.80 0.96 0.00	22.19 0.96 0.00	26.07 1.35 0.00	34.37 1.97 0.00	50.37 3.10 0.00	57.89 3.59 0.00	47.56 3.11 0.00	39.11 2.62 0.00	34.51 2.24 0.00	35.25 2.31 0.00
RAMAPO___LBMP 323565	40.35 0.80 0.00	36.56 0.68 0.00	36.85 0.68 0.00	34.72 0.56 0.00	32.78 0.50 0.00	30.23 0.53 0.00	42.25 1.04 0.00	78.53 2.38 0.00	57.85 1.75 0.00	35.31 1.12 0.00	34.32 1.04 0.00	29.33 0.70 0.00	27.39 0.68 0.00	28.12 0.65 0.00	25.61 0.76 0.00	21.94 0.71 0.00	25.60 0.88 0.00	33.47 1.08 0.00	48.73 1.47 0.00	56.08 1.78 0.00	45.98 1.52 0.00	37.61 1.12 0.00	33.24 0.97 0.00	33.88 0.94 0.00
RANKINE____ 23646	38.30 -1.26 0.00	34.70 -1.17 0.00	35.08 -1.10 0.00	32.73 -1.43 0.00	30.96 -1.33 0.00	28.37 -1.32 0.00	38.95 -2.27 0.00	71.56 -4.59 0.00	52.53 -3.57 0.00	32.27 -1.92 0.00	31.61 -1.67 0.00	27.26 -1.37 0.00	25.37 -1.34 0.00	26.33 -1.14 0.00	23.96 -0.88 0.00	20.39 -0.83 0.00	23.53 -1.19 0.00	30.64 -1.76 0.00	44.36 -2.91 0.00	50.13 -4.17 0.00	40.85 -3.46 0.14	33.49 -3.00 0.00	27.76 -2.90 1.62	26.81 -2.80 3.34
RAVENSWOOD_GT2_1 24244	41.02 1.47 0.00	37.18 1.31 0.00	37.45 1.27 0.00	35.28 1.12 0.00	33.31 1.03 0.00	30.72 1.03 0.00	42.98 1.76 0.00	79.86 3.71 0.00	60.00 2.84 -1.06	36.32 1.87 -0.26	35.08 1.80 0.00	29.96 1.33 0.00	27.99 1.28 0.00	28.73 1.26 0.00	26.16 1.31 -0.01	22.42 1.18 -0.02	26.12 1.40 0.00	34.11 1.71 0.00	49.51 2.25 0.00	56.93 2.62 0.00	46.75 2.30 0.00	38.28 1.79 0.00	33.80 1.53 0.00	34.44 1.49 0.00

RAVENSWOOD_GT2_2 24245	41.02 1.47 0.00	37.18 1.31 0.00	37.45 1.27 0.00	35.28 1.12 0.00	33.31 1.03 0.00	30.72 1.03 0.00	42.98 1.76 0.00	79.86 3.71 0.00	60.00 2.84 -1.06	36.32 1.87 -0.26	35.08 1.80 0.00	29.96 1.33 0.00	27.99 1.28 0.00	28.73 1.26 0.00	26.16 1.31 -0.01	22.42 1.18 -0.02	26.12 1.40 0.00	34.11 1.71 0.00	49.51 2.25 0.00	56.93 2.62 0.00	46.75 2.30 0.00	38.28 1.79 0.00	33.80 1.53 0.00	34.44 1.49 0.00
RAVENSWOOD_GT2_3 24246	41.04 1.48 0.00	37.19 1.31 0.00	37.47 1.29 0.00	35.29 1.14 0.00	33.31 1.03 0.00	30.73 1.04 0.00	43.00 1.79 0.00	79.91 3.76 0.00	60.03 2.86 -1.06	36.33 1.88 -0.26	35.10 1.82 0.00	29.97 1.34 0.00	28.01 1.29 0.00	28.74 1.26 0.00	26.17 1.32 -0.01	22.43 1.19 -0.02	26.14 1.42 0.00	34.12 1.72 0.00	49.54 2.27 0.00	56.95 2.65 0.00	46.77 2.32 0.00	38.29 1.80 0.00	33.81 1.54 0.00	34.44 1.50 0.00
RAVENSWOOD_GT2_4 24247	41.04 1.48 0.00	37.19 1.31 0.00	37.47 1.29 0.00	35.29 1.14 0.00	33.31 1.03 0.00	30.73 1.04 0.00	43.00 1.79 0.00	79.91 3.76 0.00	60.03 2.86 -1.06	36.33 1.88 -0.26	35.10 1.82 0.00	29.97 1.34 0.00	28.01 1.29 0.00	28.74 1.26 0.00	26.17 1.32 -0.01	22.43 1.19 -0.02	26.14 1.42 0.00	34.12 1.72 0.00	49.54 2.27 0.00	56.95 2.65 0.00	46.77 2.32 0.00	38.29 1.80 0.00	33.81 1.54 0.00	34.44 1.50 0.00
RAVENSWOOD_GT3_1 24248	41.02 1.47 0.00	37.18 1.31 0.00	37.45 1.27 0.00	35.28 1.12 0.00	33.31 1.03 0.00	30.72 1.03 0.00	42.98 1.76 0.00	79.86 3.71 0.00	60.00 2.84 -1.06	36.32 1.87 -0.26	35.08 1.80 0.00	29.96 1.34 0.00	27.99 1.28 0.00	28.73 1.26 0.00	26.16 1.31 -0.01	22.42 1.18 -0.02	26.12 1.40 0.00	34.11 1.71 0.00	49.51 2.25 0.00	56.93 2.62 0.00	46.75 2.30 0.00	38.28 1.79 0.00	33.80 1.53 0.00	34.44 1.49 0.00
RAVENSWOOD_GT3_2 24249	41.02 1.47 0.00	37.18 1.31 0.00	37.45 1.27 0.00	35.28 1.12 0.00	33.31 1.03 0.00	30.72 1.03 0.00	42.98 1.76 0.00	79.86 3.71 0.00	60.00 2.84 -1.06	36.32 1.87 -0.26	35.08 1.80 0.00	29.96 1.34 0.00	27.99 1.28 0.00	28.73 1.26 0.00	26.16 1.31 -0.01	22.42 1.18 -0.02	26.12 1.40 0.00	34.11 1.71 0.00	49.51 2.25 0.00	56.93 2.62 0.00	46.75 2.30 0.00	38.28 1.79 0.00	33.80 1.53 0.00	34.44 1.49 0.00
RAVENSWOOD_GT3_3 24250	41.08 1.52 0.00	37.22 1.35 0.00	37.51 1.33 0.00	35.33 1.17 0.00	33.34 1.06 0.00	30.76 1.07 0.00	43.04 1.82 0.00	79.98 3.83 0.00	60.08 2.92 -1.06	36.38 1.93 -0.26	35.15 1.86 0.00	30.00 1.38 0.00	28.04 1.32 0.00	28.77 1.30 0.00	26.20 1.35 -0.01	22.46 1.22 -0.02	26.17 1.45 0.00	34.15 1.76 0.00	49.59 2.32 0.00	57.01 2.71 0.00	46.82 2.36 0.00	38.33 1.84 0.00	33.84 1.57 0.00	34.48 1.53 0.00
RAVENSWOOD_GT3_4 24251	41.08 1.52 0.00	37.22 1.35 0.00	37.51 1.33 0.00	35.33 1.17 0.00	33.34 1.06 0.00	30.76 1.07 0.00	43.04 1.82 0.00	79.98 3.83 0.00	60.08 2.92 -1.06	36.38 1.93 -0.26	35.15 1.86 0.00	30.00 1.38 0.00	28.04 1.32 0.00	28.77 1.30 0.00	26.20 1.35 -0.01	22.46 1.22 -0.02	26.17 1.45 0.00	34.15 1.76 0.00	49.59 2.32 0.00	57.01 2.71 0.00	46.82 2.36 0.00	38.33 1.84 0.00	33.84 1.57 0.00	34.48 1.53 0.00
RAVENSWOOD_GT_1 23729	44.45 1.64 -3.25	41.33 1.47 -3.99	41.42 1.44 -3.80	39.72 1.28 -4.28	38.17 1.17 -4.72	36.50 1.16 -5.65	45.99 1.91 -2.87	80.41 3.96 -0.30	61.61 3.03 -2.48	41.01 2.02 -4.80	39.98 1.95 -4.75	35.18 1.46 -5.10	33.60 1.39 -5.49	34.16 1.37 -5.33	32.15 1.41 -5.90	29.27 1.26 -6.79	33.29 1.52 -7.05	39.67 1.84 -5.44	51.81 2.35 -2.20	67.00 2.75 -9.95	60.00 2.39 -13.15	43.64 1.89 -5.26	38.89 1.63 -4.99	38.84 1.59 -4.31
RAVENSWOOD_GT_10 24258	41.39 1.46 -0.37	37.63 1.30 -0.46	37.88 1.27 -0.44	35.77 1.12 -0.49	33.84 1.02 -0.54	31.36 1.02 -0.65	43.31 1.76 -0.33	79.89 3.71 -0.04	60.17 2.84 -1.23	36.84 1.87 -0.78	35.63 1.80 -0.55	30.54 1.33 -0.59	28.62 1.27 -0.64	29.34 1.25 -0.62	26.84 1.31 -0.69	23.20 1.18 -0.80	26.93 1.40 -0.81	34.73 1.71 -0.63	49.77 2.25 -0.25	58.08 2.62 -1.15	48.27 2.30 -1.52	38.89 1.79 -0.61	34.37 1.52 -0.58	34.93 1.49 -0.50
RAVENSWOOD_GT_11 24259	41.39 1.46 -0.37	37.63 1.30 -0.46	37.88 1.27 -0.44	35.77 1.12 -0.49	33.84 1.02 -0.54	31.36 1.02 -0.65	43.31 1.76 -0.33	79.89 3.71 -0.04	60.17 2.84 -1.23	36.84 1.87 -0.78	35.63 1.80 -0.55	30.54 1.33 -0.59	28.62 1.27 -0.64	29.34 1.25 -0.62	26.84 1.31 -0.69	23.20 1.18 -0.80	26.93 1.40 -0.81	34.73 1.71 -0.63	49.77 2.25 -0.25	58.08 2.62 -1.15	48.27 2.30 -1.52	38.89 1.79 -0.61	34.37 1.52 -0.58	34.93 1.49 -0.50
RAVENSWOOD_GT_4 24252	43.45 1.43 -2.47	40.17 1.27 -3.03	40.30 1.24 -2.88	38.50 1.09 -3.25	36.86 1.00 -3.59	35.00 1.00 -4.30	45.14 1.74 -2.18	80.06 3.68 -0.23	61.05 2.81 -2.14	39.75 1.85 -3.72	38.68 1.78 -3.62	33.82 1.31 -3.88	32.16 1.26 -4.18	32.76 1.23 -4.06	30.63 1.30 -4.49	27.56 1.17 -5.17	31.48 1.39 -5.37	38.23 1.69 -4.14	51.18 2.24 -1.67	64.50 2.62 -7.57	56.77 2.30 -10.02	42.27 1.77 -4.01	37.59 1.51 -3.80	37.71 1.48 -3.28
RAVENSWOOD_GT_5 24254	43.45 1.43 -2.47	40.17 1.27 -3.03	40.30 1.24 -2.88	38.50 1.09 -3.25	36.86 1.00 -3.59	35.00 1.00 -4.30	45.14 1.74 -2.18	80.06 3.68 -0.23	61.05 2.81 -2.14	39.75 1.85 -3.72	38.68 1.78 -3.62	33.82 1.31 -3.88	32.16 1.26 -4.18	32.76 1.23 -4.06	30.63 1.30 -4.49	27.56 1.17 -5.17	31.48 1.39 -5.37	38.23 1.69 -4.14	51.18 2.24 -1.67	64.50 2.62 -7.57	56.77 2.30 -10.02	42.27 1.77 -4.01	37.59 1.51 -3.80	37.71 1.48 -3.28
RAVENSWOOD_GT_6 24253	43.45 1.43 -2.47	40.17 1.27 -3.03	40.30 1.24 -2.88	38.50 1.09 -3.25	36.86 1.00 -3.59	35.00 1.00 -4.30	45.14 1.74 -2.18	80.06 3.68 -0.23	61.05 2.81 -2.14	39.75 1.85 -3.72	38.68 1.78 -3.62	33.82 1.31 -3.88	32.16 1.26 -4.18	32.76 1.23 -4.06	30.63 1.30 -4.49	27.56 1.17 -5.17	31.48 1.39 -5.37	38.23 1.69 -4.14	51.18 2.24 -1.67	64.50 2.62 -7.57	56.77 2.30 -10.02	42.27 1.77 -4.01	37.59 1.51 -3.80	37.71 1.48 -3.28
RAVENSWOOD_GT_7 24255	43.45 1.43 -2.47	40.17 1.27 -3.03	40.30 1.24 -2.88	38.50 1.09 -3.25	36.86 1.00 -3.59	35.00 1.00 -4.30	45.14 1.74 -2.18	80.06 3.68 -0.23	61.05 2.81 -2.14	39.75 1.85 -3.72	38.68 1.78 -3.62	33.82 1.31 -3.88	32.16 1.26 -4.18	32.76 1.23 -4.06	30.63 1.30 -4.49	27.56 1.17 -5.17	31.48 1.39 -5.37	38.23 1.69 -4.14	51.18 2.24 -1.67	64.50 2.62 -7.57	56.77 2.30 -10.02	42.27 1.77 -4.01	37.59 1.51 -3.80	37.71 1.48 -3.28
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.39 1.46 -0.37	37.63 1.30 -0.46	37.88 1.27 -0.44	35.77 1.12 -0.49	33.84 1.02 -0.54	31.36 1.02 -0.65	43.31 1.76 -0.33	79.89 3.71 -0.04	60.17 2.84 -1.23	36.84 1.87 -0.78	35.63 1.80 -0.55	30.54 1.33 -0.59	28.62 1.27 -0.64	29.34 1.25 -0.62	26.84 1.31 -0.69	23.20 1.18 -0.80	26.93 1.40 -0.81	34.73 1.71 -0.63	49.77 2.25 -0.25	58.08 2.62 -1.15	48.27 2.30 -1.52	38.89 1.79 -0.61	34.37 1.52 -0.58	34.93 1.49 -0.50

RAVENSWOOD_GT_9 24257	41.39 1.46 -0.37	37.63 1.30 -0.46	37.88 1.27 -0.44	35.77 1.12 -0.49	33.84 1.02 -0.54	31.36 1.02 -0.65	43.31 1.76 -0.33	79.89 3.71 -0.04	60.17 2.84 -1.23	36.84 1.87 -0.78	35.63 1.80 -0.55	30.54 1.33 -0.59	28.62 1.27 -0.64	29.34 1.25 -0.62	26.84 1.31 -0.69	23.20 1.18 -0.80	26.93 1.40 -0.81	34.73 1.71 -0.63	49.77 2.25 -0.25	58.08 2.62 -1.15	48.27 2.30 -1.52	38.89 1.79 -0.61	34.37 1.52 -0.58	34.93 1.49 -0.50
RAVENSWOOD___1 23533	37.98 1.61 3.19	33.39 1.43 3.92	33.87 1.41 3.73	31.21 1.26 4.20	28.79 1.16 4.64	26.33 1.14 4.51	40.27 1.88 2.83	79.74 3.89 0.30	58.73 2.96 0.33	31.94 1.97 4.22	30.50 1.89 4.68	25.03 1.43 5.02	22.68 1.37 5.40	23.57 1.34 5.24	20.43 1.38 5.79	15.81 1.24 6.65	19.27 1.50 6.95	28.84 1.80 5.36	47.40 2.30 2.16	47.18 2.67 9.79	33.85 2.34 12.95	33.16 1.84 5.18	28.95 1.59 4.91	30.23 1.53 4.24
RAVENSWOOD___2 23534	37.98 1.61 3.19	33.39 1.43 3.92	33.87 1.41 3.73	31.21 1.26 4.20	28.79 1.16 4.64	26.33 1.14 4.51	40.27 1.88 2.83	79.74 3.89 0.30	58.73 2.96 0.33	31.94 1.97 4.22	30.50 1.89 4.68	25.03 1.43 5.02	22.68 1.37 5.40	23.57 1.34 5.24	20.43 1.38 5.79	15.81 1.24 6.65	19.27 1.50 6.95	28.84 1.80 5.36	47.40 2.30 2.16	47.18 2.67 9.79	33.85 2.34 12.95	33.16 1.84 5.18	28.95 1.59 4.91	30.23 1.53 4.24
RAVENSWOOD___3 23535	41.02 1.46 0.00	37.18 1.30 0.00	37.45 1.27 0.00	35.28 1.12 0.00	33.31 1.03 0.00	30.72 1.03 0.00	42.98 1.76 0.00	79.87 3.72 0.00	60.00 2.84 -1.06	36.32 1.88 -0.26	35.07 1.79 0.00	29.96 1.34 0.00	27.99 1.28 0.00	28.73 1.26 0.00	26.16 1.31 -0.01	22.42 1.18 -0.02	26.13 1.41 0.00	34.10 1.71 0.00	49.52 2.26 0.00	56.93 2.62 0.00	46.76 2.31 0.00	38.28 1.79 0.00	33.80 1.52 0.00	34.44 1.49 0.00
RAVENSWOOD___4 23820	37.98 1.61 3.19	33.39 1.43 3.92	33.87 1.41 3.73	31.21 1.26 4.20	28.79 1.16 4.64	26.33 1.14 4.51	40.27 1.88 2.83	79.74 3.89 0.30	58.73 2.96 0.33	31.94 1.97 4.22	30.50 1.89 4.68	25.03 1.43 5.02	22.68 1.37 5.40	23.57 1.34 5.24	20.43 1.38 5.79	15.81 1.24 6.65	19.27 1.50 6.95	28.84 1.80 5.36	47.40 2.30 2.16	47.18 2.67 9.79	33.85 2.34 12.95	33.16 1.84 5.18	28.95 1.59 4.91	30.23 1.53 4.24
RCPL_TRUST___DRP 24196	40.96 1.41 0.00	37.11 1.24 0.00	37.40 1.22 0.00	35.22 1.06 0.00	33.25 0.97 0.00	30.68 0.99 0.00	42.93 1.72 0.00	79.82 3.67 0.00	59.60 2.84 -0.66	36.22 1.88 -0.16	35.09 1.81 0.00	29.95 1.33 0.00	27.99 1.27 0.00	28.73 1.26 0.00	26.17 1.32 0.00	22.42 1.18 -0.01	26.12 1.40 0.00	34.11 1.71 0.00	49.51 2.25 0.00	56.91 2.61 0.00	46.75 2.30 0.00	38.26 1.77 0.00	33.78 1.51 0.00	34.42 1.47 0.00
RED___ROCHESTER 323720	38.42 -1.14 0.00	34.81 -1.06 0.00	35.15 -1.03 0.00	32.96 -1.20 0.00	31.20 -1.08 0.00	28.69 -1.01 0.00	39.57 -1.65 0.00	72.94 -3.21 0.00	53.50 -2.60 0.00	32.57 -1.62 0.00	31.81 -1.47 0.00	27.39 -1.23 0.00	25.48 -1.23 0.00	26.32 -1.15 0.00	23.91 -0.94 0.00	20.40 -0.83 0.00	23.56 -1.16 0.00	30.91 -1.48 0.00	45.04 -2.23 0.00	51.33 -2.97 0.00	41.98 -2.44 0.04	34.38 -2.12 0.00	29.91 -1.96 0.41	30.08 -1.88 0.99
REGAN___SOLAR 323812	41.65 2.09 0.00	37.74 1.87 0.00	38.03 1.85 0.00	35.92 1.77 0.00	34.01 1.73 0.00	31.38 1.69 0.00	43.74 2.52 0.00	80.88 4.73 0.00	58.40 2.30 0.00	34.45 0.26 0.00	33.15 -0.13 0.00	28.36 -0.26 0.00	26.46 -0.25 0.00	27.17 -0.30 0.00	24.59 -0.26 0.00	21.00 -0.22 0.00	24.57 -0.15 0.00	33.03 0.63 0.00	49.54 2.27 0.00	57.27 2.97 0.00	46.85 2.40 0.00	38.40 1.90 0.00	33.90 1.63 0.00	34.50 1.56 0.00
RENSSELAER___COGEN 23796	40.52 0.96 0.00	36.74 0.87 0.00	37.03 0.85 0.00	35.00 0.84 0.00	33.07 0.79 0.00	30.45 0.76 0.00	42.46 1.24 0.00	78.35 2.20 0.00	57.61 1.51 0.00	35.10 0.91 0.00	34.10 0.82 0.00	29.21 0.59 0.00	27.27 0.56 0.00	27.99 0.52 0.00	25.39 0.55 0.00	21.74 0.52 0.00	25.44 0.72 0.00	33.41 1.01 0.00	48.70 1.43 0.00	55.94 1.64 0.00	45.91 1.46 0.00	37.71 1.22 0.00	33.37 1.09 0.00	34.05 1.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	43.16 3.61 0.00	39.00 3.13 0.00	39.47 3.29 0.00	37.38 3.22 0.00	35.19 2.91 0.00	32.57 2.88 0.00	46.02 4.80 0.00	84.81 8.66 0.00	61.61 5.51 0.00	36.78 2.60 0.00	35.40 2.12 0.00	30.61 1.98 0.00	28.52 1.80 0.00	29.17 1.70 0.00	26.37 1.52 0.00	22.88 1.66 0.00	26.98 2.26 0.00	35.39 2.99 0.00	51.76 4.50 0.00	59.67 5.37 0.00	49.22 4.76 0.00	40.75 4.26 0.00	35.86 3.58 0.00	36.61 3.66 0.00
REVERE_CPPR_DRP 24186	40.55 0.99 0.00	36.62 0.75 0.00	36.96 0.78 0.00	34.99 0.83 0.00	33.18 0.90 0.00	30.69 1.00 0.00	42.81 1.59 0.00	79.15 3.00 0.00	57.89 1.79 0.00	34.90 0.71 0.00	33.72 0.44 0.00	28.90 0.28 0.00	26.91 0.20 0.00	27.64 0.17 0.00	25.01 0.16 0.00	21.34 0.12 0.00	24.95 0.23 0.00	33.00 0.60 0.00	48.62 1.35 0.00	55.83 1.53 0.00	45.50 1.04 0.00	37.21 0.72 0.00	32.86 0.59 0.00	33.46 0.52 0.00
REYNOLDS_115KV_TB3 80639	40.48 0.92 0.00	36.70 0.82 0.00	36.99 0.81 0.00	34.96 0.81 0.00	33.03 0.76 0.00	30.43 0.73 0.00	42.40 1.18 0.00	78.21 2.06 0.00	57.52 1.42 0.00	35.06 0.88 0.00	34.07 0.79 0.00	29.19 0.57 0.00	27.25 0.54 0.00	27.96 0.50 0.00	25.36 0.51 0.00	21.73 0.50 0.00	25.43 0.71 0.00	33.39 0.99 0.00	48.65 1.38 0.00	55.85 1.54 0.00	45.87 1.42 0.00	37.70 1.21 0.00	33.38 1.10 0.00	34.06 1.12 0.00
RIVERBAY____ 323610	41.05 1.48 -0.01	37.24 1.36 -0.01	37.53 1.35 -0.01	35.38 1.22 -0.01	33.39 1.10 -0.01	30.79 1.09 -0.01	43.16 1.94 0.00	80.24 4.09 0.00	60.36 3.20 -1.06	36.40 2.00 -0.21	35.07 1.78 0.00	29.92 1.30 0.00	28.00 1.29 0.00	28.67 1.20 0.00	26.08 1.23 -0.01	22.37 1.13 -0.02	26.07 1.35 0.00	34.02 1.63 0.00	49.50 2.23 0.00	56.99 2.69 0.00	46.76 2.31 0.00	38.36 1.87 0.00	33.82 1.55 0.00	34.44 1.49 0.00
RIVERSDE_115KV_TB3 55908	40.56 1.00 0.00	36.77 0.90 0.00	37.06 0.88 0.00	35.03 0.87 0.00	33.10 0.82 0.00	30.48 0.79 0.00	42.50 1.29 0.00	78.41 2.26 0.00	57.65 1.55 0.00	35.13 0.95 0.00	34.14 0.85 0.00	29.25 0.63 0.00	27.30 0.59 0.00	28.02 0.55 0.00	25.41 0.57 0.00	21.76 0.54 0.00	25.47 0.75 0.00	33.46 1.07 0.00	48.75 1.49 0.00	56.00 1.70 0.00	45.96 1.51 0.00	37.76 1.27 0.00	33.42 1.15 0.00	34.10 1.15 0.00
ROARING___BROOK_WT_PWR 323790	39.07 -0.49 0.00	35.41 -0.46 0.00	35.61 -0.57 0.00	33.72 -0.44 0.00	31.98 -0.30 0.00	29.51 -0.18 0.00	41.03 -0.18 0.00	75.64 -0.51 0.00	55.90 -0.20 0.00	34.29 0.10 0.00	33.51 0.23 0.00	28.85 0.22 0.00	26.91 0.20 0.00	27.66 0.19 0.00	24.96 0.11 0.00	21.29 0.06 0.00	24.76 0.04 0.00	32.45 0.06 0.00	47.30 0.03 0.00	53.95 -0.36 0.00	43.65 -0.80 0.00	35.76 -0.74 0.00	31.51 -0.76 0.00	32.14 -0.81 0.00

ROCHESRG_115KV_T4 355643	38.01 -1.54 0.00	34.45 -1.43 0.00	34.78 -1.40 0.00	32.63 -1.52 0.00	30.89 -1.39 0.00	28.38 -1.31 0.00	39.09 -2.12 0.00	72.02 -4.13 0.00	52.84 -3.26 0.00	32.22 -1.97 0.00	31.50 -1.79 0.00	27.13 -1.49 0.00	25.25 -1.47 0.00	26.08 -1.39 0.00	23.70 -1.14 0.00	20.21 -1.02 0.00	23.36 -1.36 0.00	30.60 -1.80 0.00	44.54 -2.73 0.00	50.74 -3.56 0.00	41.50 -2.92 0.04	34.01 -2.49 0.00	29.52 -2.28 0.47	29.64 -2.20 1.10
ROCHESTER_9_IC 23652	38.22 -1.33 0.00	34.63 -1.24 0.00	34.96 -1.22 0.00	32.80 -1.35 0.00	31.05 -1.23 0.00	28.54 -1.15 0.00	39.34 -1.88 0.00	72.50 -3.65 0.00	53.19 -2.91 0.00	32.41 -1.78 0.00	31.66 -1.63 0.00	27.27 -1.35 0.00	25.36 -1.35 0.00	26.21 -1.26 0.00	23.81 -1.04 0.00	20.31 -0.92 0.00	23.46 -1.26 0.00	30.76 -1.64 0.00	44.80 -2.47 0.00	51.04 -3.26 0.00	41.76 -2.66 0.04	34.19 -2.30 0.00	29.74 -2.12 0.41	29.91 -2.04 0.99
ROCKVIEW_13_KV_LD 356306	40.94 1.38 0.00	37.08 1.20 0.00	37.36 1.18 0.00	35.21 1.06 0.00	33.25 0.97 0.00	30.66 0.97 0.00	42.91 1.69 0.00	79.63 3.48 0.00	58.73 2.63 0.00	35.95 1.76 0.00	34.97 1.69 0.00	29.86 1.24 0.00	27.90 1.18 0.00	28.62 1.15 0.00	26.05 1.21 0.00	22.32 1.10 0.00	26.04 1.32 0.00	34.05 1.66 0.00	49.49 2.22 0.00	56.91 2.61 0.00	46.71 2.25 0.00	38.26 1.77 0.00	33.78 1.50 0.00	34.41 1.46 0.00
ROME____115KV_TB2 80656	40.55 0.99 0.00	36.62 0.75 0.00	36.96 0.78 0.00	34.99 0.83 0.00	33.18 0.90 0.00	30.69 1.00 0.00	42.81 1.59 0.00	79.15 3.00 0.00	57.89 1.79 0.00	34.90 0.71 0.00	33.72 0.44 0.00	28.90 0.28 0.00	26.91 0.20 0.00	27.64 0.17 0.00	25.01 0.16 0.00	21.34 0.12 0.00	24.95 0.23 0.00	33.00 0.60 0.00	48.62 1.35 0.00	55.83 1.53 0.00	45.50 1.04 0.00	37.21 0.72 0.00	32.86 0.59 0.00	33.46 0.52 0.00
ROSETON___1 23587	40.43 0.87 0.00	36.64 0.76 0.00	36.94 0.76 0.00	34.84 0.69 0.00	32.89 0.61 0.00	30.32 0.62 0.00	42.38 1.17 0.00	78.57 2.43 0.00	57.89 1.79 0.00	35.35 1.17 0.00	34.37 1.09 0.00	29.40 0.77 0.00	27.46 0.75 0.00	28.18 0.71 0.00	25.64 0.79 0.00	21.96 0.73 0.00	25.62 0.91 0.00	33.54 1.14 0.00	48.80 1.53 0.00	56.13 1.82 0.00	46.05 1.60 0.00	37.73 1.24 0.00	33.34 1.07 0.00	33.99 1.04 0.00
ROSETON___2 23588	40.43 0.87 0.00	36.64 0.76 0.00	36.94 0.76 0.00	34.84 0.69 0.00	32.89 0.61 0.00	30.32 0.62 0.00	42.38 1.17 0.00	78.57 2.43 0.00	57.89 1.79 0.00	35.35 1.17 0.00	34.37 1.09 0.00	29.40 0.77 0.00	27.46 0.75 0.00	28.18 0.71 0.00	25.64 0.79 0.00	21.96 0.73 0.00	25.62 0.91 0.00	33.54 1.14 0.00	48.80 1.53 0.00	56.13 1.82 0.00	46.05 1.60 0.00	37.73 1.24 0.00	33.34 1.07 0.00	33.99 1.04 0.00
ROTRDAM_115KV_TB3 80664	40.28 0.72 0.00	36.51 0.64 0.00	36.82 0.63 0.00	34.79 0.64 0.00	32.88 0.60 0.00	30.28 0.58 0.00	42.20 0.98 0.00	77.95 1.81 0.00	57.22 1.12 0.00	34.75 0.56 0.00	33.80 0.51 0.00	29.00 0.38 0.00	27.07 0.36 0.00	27.80 0.33 0.00	25.19 0.35 0.00	21.55 0.32 0.00	25.20 0.49 0.00	33.15 0.76 0.00	48.47 1.21 0.00	55.70 1.40 0.00	45.67 1.21 0.00	37.49 1.00 0.00	33.15 0.87 0.00	33.82 0.88 0.00
RUSSELL___1 23602	38.42 -1.14 0.00	34.80 -1.08 0.00	35.12 -1.06 0.00	32.97 -1.19 0.00	31.20 -1.08 0.00	28.69 -1.00 0.00	39.56 -1.65 0.00	72.94 -3.21 0.00	53.50 -2.60 0.00	32.58 -1.61 0.00	31.81 -1.47 0.00	27.39 -1.23 0.00	25.48 -1.23 0.00	26.32 -1.15 0.00	23.91 -0.94 0.00	20.40 -0.83 0.00	23.56 -1.16 0.00	30.91 -1.48 0.00	45.04 -2.23 0.00	51.32 -2.98 0.00	41.99 -2.43 0.04	34.37 -2.12 0.00	29.90 -1.96 0.41	30.06 -1.90 0.99
RUSSELL___2 23532	38.42 -1.14 0.00	34.80 -1.08 0.00	35.12 -1.06 0.00	32.97 -1.19 0.00	31.20 -1.08 0.00	28.69 -1.00 0.00	39.56 -1.65 0.00	72.94 -3.21 0.00	53.50 -2.60 0.00	32.58 -1.61 0.00	31.81 -1.47 0.00	27.39 -1.23 0.00	25.48 -1.23 0.00	26.32 -1.15 0.00	23.91 -0.94 0.00	20.40 -0.83 0.00	23.56 -1.16 0.00	30.91 -1.48 0.00	45.04 -2.23 0.00	51.32 -2.98 0.00	41.99 -2.43 0.04	34.37 -2.12 0.00	29.90 -1.96 0.41	30.06 -1.90 0.99
RUSSELL___3 23549	38.42 -1.14 0.00	34.80 -1.08 0.00	35.12 -1.06 0.00	32.97 -1.19 0.00	31.20 -1.08 0.00	28.69 -1.00 0.00	39.56 -1.65 0.00	72.94 -3.21 0.00	53.50 -2.60 0.00	32.58 -1.61 0.00	31.81 -1.47 0.00	27.39 -1.23 0.00	25.48 -1.23 0.00	26.32 -1.15 0.00	23.91 -0.94 0.00	20.40 -0.83 0.00	23.56 -1.16 0.00	30.91 -1.48 0.00	45.04 -2.23 0.00	51.32 -2.98 0.00	41.99 -2.43 0.04	34.37 -2.12 0.00	29.90 -1.96 0.41	30.06 -1.90 0.99
RUSSELL___4 23556	38.42 -1.14 0.00	34.80 -1.08 0.00	35.12 -1.06 0.00	32.97 -1.19 0.00	31.20 -1.08 0.00	28.69 -1.00 0.00	39.56 -1.65 0.00	72.94 -3.21 0.00	53.50 -2.60 0.00	32.58 -1.61 0.00	31.81 -1.47 0.00	27.39 -1.23 0.00	25.48 -1.23 0.00	26.32 -1.15 0.00	23.91 -0.94 0.00	20.40 -0.83 0.00	23.56 -1.16 0.00	30.91 -1.48 0.00	45.04 -2.23 0.00	51.32 -2.98 0.00	41.99 -2.43 0.04	34.37 -2.12 0.00	29.90 -1.96 0.41	30.06 -1.90 0.99
RUSSELL___STATION 23914	38.42 -1.14 0.00	34.80 -1.08 0.00	35.12 -1.06 0.00	32.97 -1.19 0.00	31.20 -1.08 0.00	28.69 -1.00 0.00	39.56 -1.65 0.00	72.94 -3.21 0.00	53.50 -2.60 0.00	32.58 -1.61 0.00	31.81 -1.47 0.00	27.39 -1.23 0.00	25.48 -1.23 0.00	26.32 -1.15 0.00	23.91 -0.94 0.00	20.40 -0.83 0.00	23.56 -1.16 0.00	30.91 -1.48 0.00	45.04 -2.23 0.00	51.32 -2.98 0.00	41.99 -2.43 0.04	34.37 -2.12 0.00	29.90 -1.96 0.41	30.06 -1.90 0.99
S SALMON___HYD 24043	38.52 -1.04 0.00	34.83 -1.04 0.00	35.19 -0.99 0.00	33.40 -0.75 0.00	31.73 -0.55 0.00	29.26 -0.42 0.00	40.47 -0.74 0.00	74.65 -1.50 0.00	54.60 -1.50 0.00	33.00 -1.19 0.00	31.95 -1.34 0.00	27.46 -1.16 0.00	25.59 -1.13 0.00	26.32 -1.15 0.00	23.81 -1.04 0.00	20.32 -0.90 0.00	23.61 -1.11 0.00	31.17 -1.23 0.00	45.90 -1.36 0.00	52.71 -1.59 0.00	42.85 -1.61 0.00	35.04 -1.45 0.00	31.02 -1.26 0.00	31.66 -1.28 0.00
S.PERRY__115KV_TB1 80734	39.31 -0.24 0.00	35.59 -0.28 0.00	35.93 -0.25 0.00	33.62 -0.54 0.00	31.83 -0.45 0.00	29.37 -0.33 0.00	40.72 -0.50 0.00	75.36 -0.79 0.00	54.95 -1.15 0.00	32.82 -1.37 0.00	31.84 -1.44 0.00	27.37 -1.25 0.00	25.44 -1.27 0.00	26.28 -1.19 0.00	23.80 -1.05 0.00	20.25 -0.97 0.00	23.42 -1.30 0.00	30.78 -1.62 0.00	45.25 -2.02 0.00	52.11 -2.20 0.00	43.23 -2.03 -0.80	34.58 -1.91 0.00	39.43 -1.85 -9.01	46.59 -1.89 -15.54
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.73 -1.82 0.00	34.19 -1.68 0.00	34.55 -1.63 0.00	32.25 -1.91 0.00	30.50 -1.78 0.00	27.96 -1.73 0.00	38.30 -2.92 0.00	70.26 -5.88 0.00	51.61 -4.50 0.00	31.73 -2.46 0.00	31.13 -2.15 0.00	26.85 -1.77 0.00	24.99 -1.73 0.00	25.93 -1.54 0.00	23.62 -1.22 0.00	20.10 -1.12 0.00	23.18 -1.54 0.00	30.19 -2.21 0.00	43.68 -3.59 0.00	49.34 -4.96 0.00	40.21 -4.07 0.17	33.02 -3.47 0.00	27.12 -3.26 1.89	25.99 -3.15 3.80

SAWYER___23_KV_LOAD 55526	37.73 -1.82 0.00	34.19 -1.68 0.00	34.55 -1.63 0.00	32.25 -1.91 0.00	30.50 -1.78 0.00	27.96 -1.73 0.00	38.30 -2.92 0.00	70.26 -5.88 0.00	51.61 -4.50 0.00	31.73 -2.46 0.00	31.13 -2.15 0.00	26.85 -1.77 0.00	24.99 -1.73 0.00	25.93 -1.54 0.00	23.62 -1.22 0.00	20.10 -1.12 0.00	23.18 -1.54 0.00	30.19 -2.21 0.00	43.68 -3.59 0.00	49.34 -4.96 0.00	40.21 -4.07 0.17	33.02 -3.47 0.00	27.12 -3.26 1.89	25.99 -3.15 3.80
SELKIRK___I 23801	40.58 1.02 0.00	36.79 0.92 0.00	37.10 0.92 0.00	35.07 0.91 0.00	33.14 0.86 0.00	30.50 0.82 0.00	42.53 1.31 0.00	78.42 2.28 0.00	57.51 1.40 0.00	34.89 0.70 0.00	33.88 0.59 0.00	29.04 0.42 0.00	27.14 0.43 0.00	27.93 0.46 0.00	25.25 0.41 0.00	21.59 0.37 0.00	25.27 0.55 0.00	33.30 0.91 0.00	48.69 1.42 0.00	55.94 1.64 0.00	45.86 1.41 0.00	37.68 1.19 0.00	33.34 1.06 0.00	34.02 1.07 0.00
SELKIRK___II 23799	40.37 0.81 0.00	36.61 0.74 0.00	36.91 0.73 0.00	34.88 0.73 0.00	32.95 0.67 0.00	30.34 0.64 0.00	42.25 1.03 0.00	77.95 1.81 0.00	57.34 1.24 0.00	34.94 0.75 0.00	33.97 0.69 0.00	29.11 0.49 0.00	27.20 0.48 0.00	27.93 0.46 0.00	25.33 0.48 0.00	21.67 0.44 0.00	25.33 0.61 0.00	33.27 0.87 0.00	48.51 1.25 0.00	55.73 1.43 0.00	45.73 1.27 0.00	37.55 1.06 0.00	33.22 0.94 0.00	33.89 0.94 0.00
SENECA OSWGO___HYD 24041	38.23 -1.33 0.00	34.65 -1.23 0.00	34.97 -1.21 0.00	33.02 -1.14 0.00	31.23 -1.06 0.00	28.73 -0.96 0.00	39.72 -1.49 0.00	73.36 -2.79 0.00	53.82 -2.28 0.00	32.71 -1.48 0.00	31.80 -1.48 0.00	27.41 -1.22 0.00	25.54 -1.17 0.00	26.28 -1.19 0.00	23.79 -1.05 0.00	20.33 -0.89 0.00	23.62 -1.10 0.00	30.98 -1.42 0.00	45.34 -1.94 0.00	51.99 -2.31 0.00	42.54 -1.92 0.00	34.87 -1.62 0.00	30.97 -1.31 0.00	31.70 -1.25 0.00
SENECA___115KV_TB3 355854	38.37 -1.19 0.00	34.76 -1.11 0.00	35.14 -1.04 0.00	32.78 -1.38 0.00	31.02 -1.26 0.00	28.42 -1.27 0.00	39.02 -2.20 0.00	71.69 -4.46 0.00	52.64 -3.46 0.00	32.34 -1.85 0.00	31.67 -1.61 0.00	27.31 -1.31 0.00	25.41 -1.30 0.00	26.37 -1.10 0.00	24.00 -0.85 0.00	20.43 -0.80 0.00	23.57 -1.15 0.00	30.69 -1.71 0.00	44.43 -2.84 0.00	50.21 -4.10 0.00	40.93 -3.39 0.14	33.55 -2.94 0.00	27.81 -2.85 1.62	26.85 -2.76 3.34
SENECA___ENERGY 23797	38.65 -0.91 0.00	35.02 -0.85 0.00	35.37 -0.81 0.00	33.30 -0.86 0.00	31.50 -0.78 0.00	29.01 -0.68 0.00	40.25 -0.97 0.00	74.38 -1.77 0.00	54.43 -1.68 0.00	33.01 -1.18 0.00	31.93 -1.35 0.00	27.45 -1.17 0.00	25.60 -1.11 0.00	26.37 -1.10 0.00	23.87 -0.98 0.00	20.36 -0.86 0.00	23.62 -1.10 0.00	31.05 -1.35 0.00	45.60 -1.67 0.00	52.24 -2.07 0.00	42.74 -1.77 -0.05	34.88 -1.61 0.00	31.42 -1.44 -0.59	32.47 -1.45 -0.97
SHOEMAKER___GT 23640	40.31 0.75 0.00	36.52 0.65 0.00	36.83 0.65 0.00	34.73 0.57 0.00	32.80 0.52 0.00	30.24 0.54 0.00	42.23 1.01 0.00	78.25 2.11 0.00	57.59 1.49 0.00	35.10 0.91 0.00	34.08 0.79 0.00	29.14 0.52 0.00	27.21 0.50 0.00	27.94 0.47 0.00	25.40 0.56 0.00	21.76 0.53 0.00	25.39 0.67 0.00	33.26 0.86 0.00	48.52 1.25 0.00	55.84 1.54 0.00	45.79 1.34 0.00	37.51 1.02 0.00	33.15 0.87 0.00	33.80 0.85 0.00
SHOEMAKR_138KV_BK 111 55601	40.29 0.73 0.00	36.51 0.64 0.00	36.81 0.63 0.00	34.71 0.56 0.00	32.78 0.50 0.00	30.22 0.52 0.00	42.19 0.98 0.00	78.23 2.08 0.00	57.58 1.48 0.00	35.11 0.92 0.00	34.10 0.82 0.00	29.16 0.53 0.00	27.22 0.51 0.00	27.96 0.49 0.00	25.43 0.58 0.00	21.77 0.56 0.00	25.41 0.69 0.00	33.27 0.88 0.00	48.51 1.25 0.00	55.81 1.51 0.00	45.78 1.32 0.00	37.50 1.00 0.00	33.14 0.86 0.00	33.78 0.84 0.00
SHOREHAM_IC_1 23715	39.66 0.10 0.00	35.77 -0.10 0.00	36.06 -0.12 0.00	34.19 0.04 0.00	32.23 -0.05 0.00	30.22 0.53 0.00	42.75 1.53 0.00	78.42 2.27 0.00	57.86 1.72 -0.04	35.10 0.90 -0.01	34.49 1.21 0.00	29.42 0.79 0.00	27.32 0.60 0.00	27.77 0.30 0.00	25.65 0.80 0.00	21.78 0.56 0.00	25.63 0.91 0.00	33.90 1.50 0.00	48.93 1.66 0.00	56.36 2.05 0.00	46.17 1.71 0.00	38.41 1.92 0.00	33.56 1.29 0.00	33.88 0.94 0.00
SHOREHAM_IC_2 23716	39.66 0.10 0.00	35.77 -0.10 0.00	36.06 -0.12 0.00	34.19 0.04 0.00	32.23 -0.05 0.00	30.22 0.53 0.00	42.75 1.53 0.00	78.42 2.27 0.00	57.86 1.72 -0.04	35.10 0.90 -0.01	34.49 1.21 0.00	29.42 0.79 0.00	27.32 0.60 0.00	27.77 0.30 0.00	25.65 0.80 0.00	21.78 0.56 0.00	25.63 0.91 0.00	33.90 1.50 0.00	48.93 1.66 0.00	56.36 2.05 0.00	46.17 1.71 0.00	38.41 1.92 0.00	33.56 1.29 0.00	33.88 0.94 0.00
SISSONVILLE____ 23735	40.23 0.68 0.00	36.53 0.66 0.00	36.86 0.68 0.00	34.80 0.65 0.00	32.93 0.65 0.00	30.27 0.57 0.00	41.92 0.71 0.00	77.47 1.32 0.00	57.38 1.28 0.00	34.82 0.63 0.00	33.85 0.57 0.00	29.18 0.56 0.00	27.19 0.48 0.00	27.99 0.52 0.00	25.09 0.24 0.00	21.35 0.12 0.00	24.83 0.11 0.00	32.64 0.25 0.00	47.85 0.59 0.00	55.37 1.06 0.00	45.21 0.76 0.00	37.16 0.67 0.00	32.67 0.40 0.00	33.20 0.25 0.00
SITHE_IND_GS1 24169	38.01 -1.55 0.00	34.47 -1.40 0.00	34.77 -1.41 0.00	32.84 -1.32 0.00	31.05 -1.23 0.00	28.53 -1.16 0.00	39.37 -1.84 0.00	72.70 -3.44 0.00	53.43 -2.67 0.00	32.54 -1.65 0.00	31.72 -1.56 0.00	27.37 -1.25 0.00	25.52 -1.19 0.00	26.27 -1.20 0.00	23.78 -1.07 0.00	20.31 -0.92 0.00	23.56 -1.16 0.00	30.82 -1.58 0.00	45.02 -2.25 0.00	51.64 -2.67 0.00	42.25 -2.21 0.00	34.67 -1.83 0.00	30.81 -1.47 0.00	31.57 -1.37 0.00
SITHE_IND_GS2 24170	38.01 -1.55 0.00	34.47 -1.40 0.00	34.77 -1.41 0.00	32.84 -1.32 0.00	31.05 -1.23 0.00	28.53 -1.16 0.00	39.37 -1.84 0.00	72.70 -3.44 0.00	53.43 -2.67 0.00	32.54 -1.65 0.00	31.72 -1.56 0.00	27.37 -1.25 0.00	25.52 -1.19 0.00	26.27 -1.20 0.00	23.78 -1.07 0.00	20.31 -0.92 0.00	23.56 -1.16 0.00	30.82 -1.58 0.00	45.02 -2.25 0.00	51.64 -2.67 0.00	42.25 -2.21 0.00	34.67 -1.83 0.00	30.81 -1.47 0.00	31.57 -1.37 0.00
SITHE_IND_GS3 24171	38.01 -1.55 0.00	34.47 -1.40 0.00	34.77 -1.41 0.00	32.84 -1.32 0.00	31.05 -1.23 0.00	28.53 -1.16 0.00	39.37 -1.84 0.00	72.70 -3.44 0.00	53.43 -2.67 0.00	32.54 -1.65 0.00	31.72 -1.56 0.00	27.37 -1.25 0.00	25.52 -1.19 0.00	26.27 -1.20 0.00	23.78 -1.07 0.00	20.31 -0.92 0.00	23.56 -1.16 0.00	30.82 -1.58 0.00	45.02 -2.25 0.00	51.64 -2.67 0.00	42.25 -2.21 0.00	34.67 -1.83 0.00	30.81 -1.47 0.00	31.57 -1.37 0.00
SITHE_IND_GS4 24172	38.01 -1.55 0.00	34.47 -1.40 0.00	34.77 -1.41 0.00	32.84 -1.32 0.00	31.05 -1.23 0.00	28.53 -1.16 0.00	39.37 -1.84 0.00	72.70 -3.44 0.00	53.43 -2.67 0.00	32.54 -1.65 0.00	31.72 -1.56 0.00	27.37 -1.25 0.00	25.52 -1.19 0.00	26.27 -1.20 0.00	23.78 -1.07 0.00	20.31 -0.92 0.00	23.56 -1.16 0.00	30.82 -1.58 0.00	45.02 -2.25 0.00	51.64 -2.67 0.00	42.25 -2.21 0.00	34.67 -1.83 0.00	30.81 -1.47 0.00	31.57 -1.37 0.00

SITHE___BATAVIA 24024	38.67 -0.89 0.00	35.07 -0.81 0.00	35.42 -0.76 0.00	33.11 -1.05 0.00	31.37 -0.91 0.00	28.85 -0.84 0.00	39.63 -1.58 0.00	72.93 -3.21 0.00	53.41 -2.69 0.00	32.43 -1.75 0.00	31.57 -1.71 0.00	27.10 -1.53 0.00	25.18 -1.53 0.00	26.16 -1.30 0.00	23.72 -1.13 0.00	20.17 -1.06 0.00	23.47 -1.25 0.00	30.61 -1.79 0.00	44.70 -2.57 0.00	50.92 -3.38 0.00	41.53 -2.79 0.13	34.08 -2.42 0.00	28.44 -2.34 1.51	27.66 -2.25 3.03
SITHE___INDEPEND 23800	38.01 -1.55 0.00	34.47 -1.40 0.00	34.79 -1.39 0.00	32.84 -1.32 0.00	31.05 -1.23 0.00	28.53 -1.16 0.00	39.37 -1.84 0.00	72.69 -3.45 0.00	53.43 -2.67 0.00	32.53 -1.65 0.00	31.72 -1.56 0.00	27.37 -1.25 0.00	25.52 -1.19 0.00	26.27 -1.20 0.00	23.78 -1.07 0.00	20.31 -0.92 0.00	23.56 -1.16 0.00	30.82 -1.58 0.00	45.01 -2.26 0.00	51.64 -2.67 0.00	42.25 -2.21 0.00	34.67 -1.82 0.00	30.81 -1.47 0.00	31.57 -1.38 0.00
SITHE___MASSENA 23902	40.52 0.96 0.00	36.81 0.94 0.00	37.13 0.95 0.00	34.99 0.84 0.00	33.06 0.78 0.00	30.35 0.66 0.00	42.02 0.81 0.00	77.63 1.48 0.00	57.60 1.49 0.00	35.12 0.93 0.00	34.24 0.95 0.00	29.54 0.91 0.00	27.55 0.83 0.00	28.37 0.90 0.00	25.46 0.61 0.00	21.69 0.46 0.00	25.22 0.50 0.00	33.04 0.64 0.00	48.21 0.95 0.00	55.64 1.34 0.00	45.52 1.07 0.00	37.44 0.95 0.00	32.96 0.69 0.00	33.55 0.61 0.00
SITHE___OGDNSBRG 24021	41.26 1.70 0.00	37.45 1.58 0.00	37.78 1.60 0.00	35.60 1.44 0.00	33.67 1.39 0.00	30.94 1.24 0.00	42.90 1.69 0.00	79.29 3.15 0.00	58.52 2.42 0.00	35.34 1.15 0.00	34.32 1.04 0.00	29.60 0.97 0.00	27.59 0.88 0.00	28.41 0.95 0.00	25.48 0.64 0.00	21.67 0.45 0.00	25.22 0.50 0.00	33.13 0.73 0.00	48.78 1.51 0.00	56.70 2.40 0.00	46.39 1.93 0.00	38.13 1.64 0.00	33.53 1.25 0.00	34.06 1.12 0.00
SITHE___STERLING 23777	40.11 0.55 0.00	36.27 0.40 0.00	36.60 0.42 0.00	34.60 0.44 0.00	32.77 0.50 0.00	30.29 0.60 0.00	42.20 0.99 0.00	78.09 1.94 0.00	57.17 1.07 0.00	34.51 0.32 0.00	33.40 0.12 0.00	28.66 0.04 0.00	26.70 -0.02 0.00	27.44 -0.03 0.00	24.83 -0.02 0.00	21.21 -0.02 0.00	24.75 0.04 0.00	32.63 0.24 0.00	47.99 0.72 0.00	55.14 0.84 0.00	45.00 0.54 0.00	36.83 0.33 0.00	32.55 0.28 0.00	33.18 0.24 0.00
SLEIGHT__34_KV_TB1 80719	38.31 -1.25 0.00	34.70 -1.18 0.00	35.04 -1.14 0.00	32.95 -1.21 0.00	31.20 -1.08 0.00	28.72 -0.97 0.00	39.72 -1.50 0.00	73.39 -2.76 0.00	53.79 -2.31 0.00	32.65 -1.54 0.00	31.77 -1.51 0.00	27.34 -1.29 0.00	25.44 -1.28 0.00	26.20 -1.27 0.00	23.75 -1.10 0.00	20.22 -1.01 0.00	23.43 -1.29 0.00	30.84 -1.56 0.00	45.15 -2.12 0.00	51.60 -2.70 0.00	42.20 -2.26 0.00	34.49 -2.00 0.00	30.47 -1.80 0.00	31.04 -1.77 0.14
SOUTH CAIRO___GT 23612	41.93 2.38 0.00	37.99 2.11 0.00	38.30 2.12 0.00	36.21 2.05 0.00	34.26 1.98 0.00	31.61 1.92 0.00	44.75 3.54 0.00	83.28 7.14 0.00	60.83 4.73 0.00	36.35 2.16 0.00	34.78 1.50 0.00	29.62 1.00 0.00	27.64 0.92 0.00	28.38 0.91 0.00	25.73 0.88 0.00	22.04 0.81 0.00	25.71 0.99 0.00	34.13 1.74 0.00	50.35 3.08 0.00	58.08 3.77 0.00	47.64 3.19 0.00	39.09 2.59 0.00	34.52 2.24 0.00	35.14 2.19 0.00
SOUTH HAMPTN___IC 23720	39.90 0.34 0.00	35.95 0.07 0.00	36.28 0.10 0.00	34.39 0.24 0.00	32.37 0.09 0.00	30.34 0.65 0.00	42.91 1.70 0.00	79.04 2.90 0.00	58.31 2.17 -0.04	35.36 1.16 -0.01	34.78 1.50 0.00	29.73 1.11 0.00	27.67 0.96 0.00	28.10 0.63 0.00	25.92 1.08 0.00	22.07 0.85 0.00	26.02 1.30 0.00	34.46 2.06 0.00	49.82 2.55 0.00	57.42 3.12 0.00	46.96 2.50 0.00	38.98 2.49 0.00	34.11 1.83 0.00	34.44 1.49 0.00
SOUTHDOW_115KV_TB1 355954	39.70 0.14 0.00	35.86 -0.01 0.00	36.31 0.13 0.00	33.78 -0.38 0.00	31.63 -0.65 0.00	28.98 -0.71 0.00	40.43 -0.79 0.00	75.25 -0.90 0.00	55.10 -1.00 0.00	33.73 -0.46 0.00	32.91 -0.37 0.00	28.45 -0.18 0.00	26.54 -0.18 0.00	27.48 0.02 0.00	24.89 0.04 0.00	21.23 0.01 0.00	24.41 -0.30 0.00	31.65 -0.74 0.00	45.97 -1.30 0.00	51.97 -2.33 0.00	41.92 -2.54 0.00	34.03 -2.46 0.00	29.69 -2.59 0.00	29.76 -2.66 0.53
SOUTHOLD_69_KV_BK 2 55809	39.74 0.18 0.00	35.78 -0.10 0.00	36.14 -0.04 0.00	34.27 0.12 0.00	32.19 -0.09 0.00	30.19 0.49 0.00	42.76 1.54 0.00	79.05 2.90 0.00	58.30 2.16 -0.04	35.29 1.09 -0.01	34.83 1.55 0.00	29.86 1.24 0.00	27.85 1.14 0.00	28.28 0.81 0.00	26.08 1.23 0.00	22.24 1.01 0.00	26.28 1.56 0.00	34.85 2.45 0.00	50.44 3.17 0.00	58.17 3.87 0.00	47.43 2.97 0.00	39.37 2.88 0.00	34.48 2.21 0.00	34.79 1.85 0.00
SOUTHOLD___IC 23719	39.74 0.18 0.00	35.78 -0.10 0.00	36.14 -0.04 0.00	34.28 0.12 0.00	32.19 -0.09 0.00	30.19 0.50 0.00	42.75 1.54 0.00	79.03 2.88 0.00	58.29 2.15 -0.04	35.29 1.09 -0.01	34.81 1.53 0.00	29.86 1.23 0.00	27.85 1.14 0.00	28.28 0.81 0.00	26.08 1.23 0.00	22.24 1.01 0.00	26.28 1.56 0.00	34.85 2.45 0.00	50.44 3.17 0.00	58.17 3.87 0.00	47.44 2.98 0.00	39.37 2.88 0.00	34.47 2.20 0.00	34.79 1.85 0.00
SOUTH_FORK_WT_PWR 323839	39.28 -0.28 0.00	35.34 -0.53 0.00	35.74 -0.44 0.00	33.90 -0.26 0.00	31.77 -0.51 0.00	29.82 0.13 0.00	42.27 1.05 0.00	78.32 2.17 0.00	57.74 1.60 -0.04	34.90 0.70 -0.01	34.54 1.26 0.00	29.74 1.12 0.00	27.83 1.11 0.00	28.25 0.78 0.00	26.06 1.22 0.00	22.24 1.01 0.00	26.32 1.60 0.00	34.93 2.53 0.00	50.56 3.29 0.00	58.28 3.97 0.00	47.45 3.00 0.00	39.40 2.90 0.00	34.52 2.24 0.00	34.83 1.89 0.00
SPIERFLS_115KV_TB 1 80737	40.84 1.29 0.00	36.97 1.10 0.00	37.30 1.12 0.00	35.31 1.16 0.00	33.38 1.10 0.00	30.84 1.14 0.00	43.24 2.03 0.00	79.84 3.70 0.00	58.38 2.28 0.00	35.20 1.01 0.00	34.58 1.30 0.00	29.82 1.20 0.00	27.74 1.03 0.00	28.43 0.97 0.00	25.71 0.87 0.00	22.09 0.86 0.00	25.94 1.22 0.00	34.21 1.82 0.00	50.13 2.86 0.00	57.61 3.30 0.00	47.30 2.85 0.00	38.88 2.39 0.00	34.33 2.05 0.00	35.07 2.12 0.00
ST LAWRENCE____ 23600	40.07 0.51 0.00	36.42 0.54 0.00	36.73 0.54 0.00	34.62 0.46 0.00	32.70 0.42 0.00	30.01 0.32 0.00	41.54 0.32 0.00	76.72 0.58 0.00	56.97 0.86 0.00	34.78 0.59 0.00	33.92 0.64 0.00	29.26 0.64 0.00	27.29 0.58 0.00	28.10 0.63 0.00	25.24 0.39 0.00	21.52 0.29 0.00	25.03 0.31 0.00	32.76 0.37 0.00	47.74 0.48 0.00	55.05 0.74 0.00	45.03 0.58 0.00	37.04 0.55 0.00	32.63 0.36 0.00	33.22 0.28 0.00
STATE_CA_115KV_115_LB 55624	40.70 1.15 0.00	36.90 1.03 0.00	37.20 1.02 0.00	35.16 1.00 0.00	33.22 0.94 0.00	30.60 0.91 0.00	42.67 1.46 0.00	78.75 2.60 0.00	57.89 1.78 0.00	35.25 1.06 0.00	34.25 0.96 0.00	29.33 0.71 0.00	27.39 0.68 0.00	28.12 0.64 0.00	25.50 0.66 0.00	21.83 0.61 0.00	25.56 0.84 0.00	33.59 1.19 0.00	48.97 1.70 0.00	56.23 1.93 0.00	46.14 1.68 0.00	37.89 1.40 0.00	33.52 1.24 0.00	34.19 1.24 0.00

STATE_ST_34_KV_LOAD 55959	39.17 -0.39 0.00	35.48 -0.40 0.00	35.81 -0.37 0.00	33.78 -0.38 0.00	31.96 -0.31 0.00	29.42 -0.28 0.00	40.82 -0.39 0.00	75.43 -0.72 0.00	55.25 -0.86 0.00	33.42 -0.76 0.00	32.33 -0.96 0.00	27.84 -0.79 0.00	25.99 -0.72 0.00	26.75 -0.72 0.00	24.20 -0.64 0.00	20.61 -0.61 0.00	23.94 -0.78 0.00	31.56 -0.84 0.00	46.37 -0.90 0.00	53.21 -1.10 0.00	43.49 -0.96 0.00	35.58 -0.92 0.00	31.44 -0.84 0.00	32.28 -0.82 -0.15
STATION 5_MISC_HYD 23604	38.22 -1.33 0.00	34.65 -1.23 0.00	34.99 -1.20 0.00	32.80 -1.35 0.00	31.05 -1.23 0.00	28.54 -1.15 0.00	39.34 -1.87 0.00	72.51 -3.64 0.00	53.20 -2.91 0.00	32.41 -1.78 0.00	31.66 -1.62 0.00	27.27 -1.35 0.00	25.36 -1.35 0.00	26.21 -1.26 0.00	23.81 -1.04 0.00	20.31 -0.92 0.00	23.46 -1.25 0.00	30.76 -1.64 0.00	44.79 -2.48 0.00	51.05 -3.26 0.00	41.75 -2.67 0.04	34.19 -2.30 0.00	29.75 -2.12 0.41	29.93 -2.02 0.99
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.82 -0.74 0.00	35.16 -0.71 0.00	35.50 -0.67 0.00	33.40 -0.76 0.00	31.62 -0.66 0.00	29.13 -0.56 0.00	40.34 -0.88 0.00	74.49 -1.66 0.00	54.57 -1.54 0.00	33.12 -1.07 0.00	32.18 -1.10 0.00	27.63 -0.99 0.00	25.71 -1.00 0.00	26.50 -0.97 0.00	24.01 -0.83 0.00	20.48 -0.74 0.00	23.73 -0.99 0.00	31.25 -1.14 0.00	45.79 -1.48 0.00	52.33 -1.98 0.00	42.77 -1.68 0.00	34.95 -1.54 0.00	30.87 -1.40 0.00	31.36 -1.38 0.20
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.04 -1.52 0.00	34.47 -1.41 0.00	34.80 -1.38 0.00	32.67 -1.49 0.00	30.92 -1.36 0.00	28.43 -1.26 0.00	39.20 -2.02 0.00	72.29 -3.86 0.00	53.02 -3.08 0.00	32.30 -1.89 0.00	31.55 -1.73 0.00	27.16 -1.46 0.00	25.27 -1.44 0.00	26.10 -1.38 0.00	23.70 -1.14 0.00	20.21 -1.01 0.00	23.37 -1.35 0.00	30.65 -1.75 0.00	44.66 -2.61 0.00	50.91 -3.40 0.00	41.67 -2.79 0.00	34.09 -2.40 0.00	30.08 -2.20 0.00	30.56 -2.13 0.25
STA_56___34_KV_BUS2 355883	38.04 -1.52 0.00	34.47 -1.41 0.00	34.80 -1.38 0.00	32.67 -1.49 0.00	30.92 -1.36 0.00	28.43 -1.26 0.00	39.20 -2.02 0.00	72.29 -3.86 0.00	53.02 -3.08 0.00	32.30 -1.89 0.00	31.55 -1.73 0.00	27.16 -1.46 0.00	25.27 -1.44 0.00	26.10 -1.38 0.00	23.70 -1.14 0.00	20.21 -1.01 0.00	23.37 -1.35 0.00	30.65 -1.75 0.00	44.66 -2.61 0.00	50.91 -3.40 0.00	41.67 -2.79 0.00	34.09 -2.40 0.00	30.08 -2.20 0.00	30.56 -2.13 0.25
STA_67___115KV_BK2 355882	38.14 -1.42 0.00	34.55 -1.32 0.00	34.88 -1.30 0.00	32.73 -1.42 0.00	30.99 -1.29 0.00	28.48 -1.21 0.00	39.24 -1.98 0.00	72.29 -3.85 0.00	53.05 -3.06 0.00	32.32 -1.86 0.00	31.59 -1.69 0.00	27.21 -1.41 0.00	25.31 -1.40 0.00	26.15 -1.31 0.00	23.76 -1.08 0.00	20.26 -0.96 0.00	23.41 -1.30 0.00	30.69 -1.71 0.00	44.69 -2.58 0.00	50.93 -3.38 0.00	41.65 -2.77 0.04	34.11 -2.38 0.00	29.67 -2.19 0.42	29.83 -2.11 1.01
STA_7___115KV_9TRANS 80674	38.42 -1.14 0.00	34.80 -1.08 0.00	35.12 -1.06 0.00	32.97 -1.19 0.00	31.20 -1.08 0.00	28.69 -1.00 0.00	39.56 -1.65 0.00	72.94 -3.21 0.00	53.50 -2.60 0.00	32.58 -1.61 0.00	31.81 -1.47 0.00	27.39 -1.23 0.00	25.48 -1.23 0.00	26.32 -1.15 0.00	23.91 -0.94 0.00	20.40 -0.83 0.00	23.56 -1.16 0.00	30.91 -1.48 0.00	45.04 -2.23 0.00	51.32 -2.98 0.00	41.99 -2.43 0.04	34.37 -2.12 0.00	29.90 -1.96 0.41	30.06 -1.90 0.99
STA_82___115KV_TB1 80780	38.14 -1.41 0.00	34.56 -1.32 0.00	34.88 -1.29 0.00	32.74 -1.42 0.00	30.99 -1.29 0.00	28.48 -1.21 0.00	39.24 -1.98 0.00	72.30 -3.84 0.00	53.06 -3.05 0.00	32.32 -1.86 0.00	31.59 -1.70 0.00	27.21 -1.42 0.00	25.31 -1.40 0.00	26.14 -1.32 0.00	23.76 -1.09 0.00	20.26 -0.97 0.00	23.41 -1.31 0.00	30.68 -1.71 0.00	44.69 -2.58 0.00	50.93 -3.38 0.00	41.70 -2.76 0.00	34.12 -2.37 0.00	30.09 -2.18 0.00	30.58 -2.11 0.26
STEEL___WIND 323596	38.30 -1.26 0.00	34.76 -1.11 0.00	35.16 -1.02 0.00	32.74 -1.42 0.00	30.99 -1.29 0.00	28.39 -1.30 0.00	38.98 -2.24 0.00	71.62 -4.53 0.00	52.55 -3.55 0.00	32.29 -1.89 0.00	31.63 -1.65 0.00	27.27 -1.35 0.00	25.37 -1.34 0.00	26.34 -1.13 0.00	23.96 -0.89 0.00	20.40 -0.82 0.00	23.54 -1.18 0.00	30.66 -1.74 0.00	44.37 -2.90 0.00	50.16 -4.14 0.00	40.85 -3.47 0.14	33.51 -2.99 0.00	27.78 -2.88 1.62	26.84 -2.77 3.34
STEPHTWN_115KV_BK_2 55603	40.79 1.24 0.00	36.99 1.11 0.00	37.29 1.11 0.00	35.27 1.12 0.00	33.32 1.04 0.00	30.68 0.99 0.00	42.95 1.74 0.00	79.28 3.14 0.00	58.08 1.97 0.00	35.34 1.15 0.00	34.33 1.05 0.00	29.39 0.77 0.00	27.38 0.67 0.00	28.13 0.67 0.00	25.50 0.65 0.00	21.86 0.64 0.00	25.60 0.89 0.00	33.70 1.30 0.00	49.11 1.84 0.00	56.54 2.24 0.00	46.31 1.85 0.00	38.04 1.55 0.00	33.61 1.34 0.00	34.30 1.36 0.00
STEUBEN_REC_LFGE 323667	38.42 -1.14 0.00	35.03 -0.84 0.00	35.27 -0.91 0.00	32.76 -1.39 0.00	30.93 -1.35 0.00	28.59 -1.10 0.00	39.65 -1.57 0.00	73.72 -2.43 0.00	54.11 -1.99 0.00	32.81 -1.38 0.00	31.73 -1.55 0.00	27.30 -1.33 0.00	25.36 -1.36 0.00	26.11 -1.36 0.00	23.49 -1.35 0.00	19.93 -1.29 0.00	23.01 -1.71 0.00	30.18 -2.21 0.00	44.38 -2.89 0.00	50.41 -3.90 0.00	41.12 -3.87 -0.53	32.89 -3.60 0.00	34.91 -3.35 -5.99	38.88 -3.36 -9.30
STILLWATER___SOLAR 323814	40.94 1.39 0.00	37.09 1.22 0.00	37.40 1.22 0.00	35.37 1.21 0.00	33.43 1.16 0.00	30.84 1.14 0.00	43.10 1.89 0.00	79.60 3.45 0.00	58.27 2.16 0.00	35.24 1.06 0.00	34.25 0.97 0.00	29.38 0.76 0.00	27.39 0.68 0.00	28.10 0.63 0.00	25.45 0.60 0.00	21.83 0.61 0.00	25.66 0.94 0.00	33.86 1.46 0.00	49.54 2.27 0.00	56.89 2.59 0.00	46.69 2.24 0.00	38.38 1.89 0.00	33.90 1.63 0.00	34.61 1.66 0.00
STONY___BROOK 24151	40.54 0.98 0.00	36.56 0.68 0.00	36.85 0.67 0.00	34.85 0.69 0.00	32.91 0.62 0.00	30.63 0.93 0.00	43.10 1.88 0.00	79.42 3.28 0.00	58.62 2.48 -0.04	35.78 1.58 -0.01	35.06 1.77 0.00	29.84 1.21 0.00	27.69 0.97 0.00	28.21 0.74 0.00	25.91 1.06 0.00	22.12 0.90 0.00	25.98 1.26 0.00	34.30 1.91 0.00	49.73 2.46 0.00	57.29 2.98 0.00	46.97 2.51 0.00	38.73 2.24 0.00	33.97 1.70 0.00	34.40 1.45 0.00
STURGEON_POOL_HYD 23609	40.60 1.05 0.00	36.81 0.94 0.00	37.11 0.93 0.00	35.00 0.85 0.00	33.04 0.76 0.00	30.46 0.77 0.00	42.62 1.40 0.00	79.07 2.92 0.00	58.27 2.17 0.00	35.57 1.38 0.00	34.53 1.25 0.00	29.51 0.89 0.00	27.56 0.84 0.00	28.27 0.80 0.00	25.72 0.88 0.00	22.02 0.80 0.00	25.71 0.99 0.00	33.66 1.26 0.00	49.01 1.74 0.00	56.41 2.11 0.00	46.27 1.81 0.00	37.90 1.40 0.00	33.47 1.19 0.00	34.10 1.16 0.00
ST_LAW_115_BK7_LBMP 345037	40.13 0.57 0.00	36.46 0.59 0.00	36.77 0.60 0.00	34.65 0.49 0.00	32.74 0.46 0.00	30.04 0.35 0.00	41.59 0.37 0.00	76.82 0.67 0.00	57.04 0.94 0.00	34.82 0.63 0.00	33.97 0.69 0.00	29.30 0.68 0.00	27.33 0.62 0.00	28.14 0.68 0.00	25.27 0.42 0.00	21.54 0.32 0.00	25.05 0.33 0.00	32.79 0.40 0.00	47.79 0.52 0.00	55.11 0.81 0.00	45.09 0.64 0.00	37.10 0.61 0.00	32.67 0.40 0.00	33.26 0.32 0.00

ST_LAW_115_BK8_LBMP 345038	40.13 0.57 0.00	36.46 0.59 0.00	36.77 0.60 0.00	34.65 0.49 0.00	32.74 0.46 0.00	30.04 0.35 0.00	41.59 0.37 0.00	76.82 0.67 0.00	57.04 0.94 0.00	34.82 0.63 0.00	33.97 0.69 0.00	29.30 0.68 0.00	27.33 0.62 0.00	28.14 0.68 0.00	25.27 0.42 0.00	21.54 0.32 0.00	25.05 0.33 0.00	32.79 0.40 0.00	47.79 0.52 0.00	55.11 0.81 0.00	45.09 0.64 0.00	37.10 0.61 0.00	32.67 0.40 0.00	33.26 0.32 0.00
ST_LAW_230_BK5_LBMP 345035	40.07 0.51 0.00	36.42 0.54 0.00	36.73 0.54 0.00	34.62 0.46 0.00	32.70 0.42 0.00	30.01 0.32 0.00	41.54 0.32 0.00	76.72 0.58 0.00	56.97 0.86 0.00	34.78 0.59 0.00	33.92 0.64 0.00	29.26 0.64 0.00	27.29 0.58 0.00	28.10 0.63 0.00	25.24 0.39 0.00	21.52 0.29 0.00	25.03 0.31 0.00	32.76 0.37 0.00	47.74 0.48 0.00	55.05 0.74 0.00	45.03 0.58 0.00	37.04 0.55 0.00	32.63 0.36 0.00	33.22 0.28 0.00
ST_LAW_230_BK6_LBMP 345036	40.07 0.51 0.00	36.42 0.54 0.00	36.73 0.54 0.00	34.62 0.46 0.00	32.70 0.42 0.00	30.01 0.32 0.00	41.54 0.32 0.00	76.72 0.58 0.00	56.97 0.86 0.00	34.78 0.59 0.00	33.92 0.64 0.00	29.26 0.64 0.00	27.29 0.58 0.00	28.10 0.63 0.00	25.24 0.39 0.00	21.52 0.29 0.00	25.03 0.31 0.00	32.76 0.37 0.00	47.74 0.48 0.00	55.05 0.74 0.00	45.03 0.58 0.00	37.04 0.55 0.00	32.63 0.36 0.00	33.22 0.28 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.37 0.82 0.00	36.59 0.71 0.00	36.89 0.71 0.00	34.77 0.61 0.00	32.82 0.54 0.00	30.27 0.57 0.00	42.30 1.08 0.00	78.52 2.37 0.00	57.82 1.72 0.00	35.28 1.09 0.00	34.28 0.99 0.00	29.30 0.67 0.00	27.36 0.65 0.00	28.08 0.61 0.00	25.56 0.71 0.00	21.89 0.67 0.00	25.56 0.84 0.00	33.44 1.05 0.00	48.72 1.45 0.00	56.04 1.73 0.00	45.95 1.50 0.00	37.62 1.12 0.00	33.24 0.96 0.00	33.88 0.94 0.00
SWANROAD_115KV_TB1 355699	37.07 -2.48 0.00	33.61 -2.27 0.00	33.93 -2.25 0.00	31.69 -2.47 0.00	30.00 -2.28 0.00	27.50 -2.19 0.00	37.39 -3.82 0.00	68.39 -7.76 0.00	50.28 -5.83 0.00	30.94 -3.25 0.00	30.36 -2.93 0.00	26.19 -2.44 0.00	24.35 -2.36 0.00	25.31 -2.16 0.00	23.07 -1.77 0.00	19.61 -1.62 0.00	22.61 -2.11 0.00	29.38 -3.01 0.00	42.56 -4.71 0.00	48.09 -6.21 0.00	39.20 -5.07 0.19	32.27 -4.22 0.00	26.21 -3.96 2.11	24.92 -3.85 4.17
SYNERGY___BIOGAS 323694	38.67 -0.89 0.00	35.07 -0.81 0.00	35.42 -0.76 0.00	33.11 -1.05 0.00	31.37 -0.91 0.00	28.85 -0.84 0.00	39.63 -1.58 0.00	72.93 -3.21 0.00	53.41 -2.69 0.00	32.43 -1.75 0.00	31.57 -1.71 0.00	27.10 -1.53 0.00	25.18 -1.53 0.00	26.16 -1.30 0.00	23.72 -1.13 0.00	20.17 -1.06 0.00	23.47 -1.25 0.00	30.61 -1.79 0.00	44.70 -2.57 0.00	50.92 -3.38 0.00	41.53 -2.79 0.13	34.08 -2.42 0.00	28.44 -2.34 1.51	27.66 -2.25 3.03
SYRACUSE___ENERGY_ST1 323597	38.83 -0.72 0.00	35.19 -0.69 0.00	35.52 -0.66 0.00	33.52 -0.64 0.00	31.70 -0.58 0.00	29.17 -0.52 0.00	40.40 -0.82 0.00	74.63 -1.52 0.00	54.75 -1.36 0.00	33.24 -0.94 0.00	32.30 -0.98 0.00	27.84 -0.79 0.00	25.95 -0.76 0.00	26.71 -0.76 0.00	24.18 -0.66 0.00	20.65 -0.57 0.00	23.98 -0.73 0.00	31.48 -0.92 0.00	46.09 -1.18 0.00	52.83 -1.47 0.00	43.21 -1.25 0.00	35.40 -1.10 0.00	31.39 -0.88 0.00	32.11 -0.84 0.00
SYRACUSE___ENERGY_ST2 323598	38.83 -0.72 0.00	35.19 -0.69 0.00	35.52 -0.66 0.00	33.52 -0.64 0.00	31.70 -0.58 0.00	29.17 -0.52 0.00	40.40 -0.82 0.00	74.63 -1.52 0.00	54.75 -1.36 0.00	33.24 -0.94 0.00	32.30 -0.98 0.00	27.84 -0.79 0.00	25.95 -0.76 0.00	26.71 -0.76 0.00	24.18 -0.66 0.00	20.65 -0.57 0.00	23.98 -0.73 0.00	31.48 -0.92 0.00	46.09 -1.18 0.00	52.83 -1.47 0.00	43.21 -1.25 0.00	35.40 -1.10 0.00	31.39 -0.88 0.00	32.11 -0.84 0.00
SYRACUSE___POWER 24017	38.81 -0.75 0.00	35.16 -0.71 0.00	35.49 -0.69 0.00	33.49 -0.67 0.00	31.67 -0.61 0.00	29.16 -0.53 0.00	40.38 -0.84 0.00	74.63 -1.52 0.00	54.74 -1.37 0.00	33.25 -0.93 0.00	32.31 -0.97 0.00	27.84 -0.79 0.00	25.95 -0.77 0.00	26.71 -0.76 0.00	24.18 -0.66 0.00	20.66 -0.57 0.00	23.99 -0.72 0.00	31.47 -0.92 0.00	46.06 -1.21 0.00	52.81 -1.50 0.00	43.21 -1.25 0.00	35.39 -1.10 0.00	31.38 -0.89 0.00	32.19 -0.85 -0.10
TALLMAN___138KV_BK151 55660	40.45 0.90 0.00	36.64 0.77 0.00	36.94 0.76 0.00	34.79 0.64 0.00	32.84 0.56 0.00	30.29 0.60 0.00	42.36 1.14 0.00	78.73 2.58 0.00	58.00 1.90 0.00	35.41 1.23 0.00	34.42 1.14 0.00	29.41 0.79 0.00	27.47 0.76 0.00	28.21 0.74 0.00	25.70 0.85 0.00	22.01 0.78 0.00	25.69 0.97 0.00	33.58 1.18 0.00	48.89 1.62 0.00	56.24 1.94 0.00	46.11 1.65 0.00	37.72 1.22 0.00	33.33 1.06 0.00	33.96 1.02 0.00
TEALLAVE_115KV_TB7 355573	38.60 -0.95 0.00	34.97 -0.90 0.00	35.30 -0.88 0.00	33.31 -0.85 0.00	31.50 -0.78 0.00	28.99 -0.70 0.00	40.11 -1.11 0.00	74.11 -2.03 0.00	54.39 -1.72 0.00	33.05 -1.14 0.00	32.16 -1.12 0.00	27.72 -0.91 0.00	25.83 -0.88 0.00	26.59 -0.87 0.00	24.08 -0.76 0.00	20.57 -0.65 0.00	23.89 -0.83 0.00	31.31 -1.08 0.00	45.79 -1.48 0.00	52.48 -1.82 0.00	42.93 -1.53 0.00	35.18 -1.31 0.00	31.21 -1.06 0.00	31.92 -1.02 0.00
TELGRAPH_34_KV_EAST 80808	37.89 -1.67 0.00	34.34 -1.54 0.00	34.67 -1.51 0.00	32.42 -1.74 0.00	30.71 -1.57 0.00	28.19 -1.50 0.00	38.57 -2.64 0.00	70.77 -5.38 0.00	51.95 -4.15 0.00	31.76 -2.43 0.00	31.07 -2.21 0.00	26.74 -1.88 0.00	24.87 -1.85 0.00	25.86 -1.61 0.00	23.48 -1.37 0.00	19.95 -1.27 0.00	23.16 -1.56 0.00	30.09 -2.30 0.00	43.72 -3.54 0.00	49.58 -4.72 0.00	40.41 -3.88 0.17	33.21 -3.29 0.00	27.23 -3.11 1.94	26.09 -3.01 3.84
TEMPLE___115KV_TB 2 55572	38.60 -0.95 0.00	34.98 -0.90 0.00	35.30 -0.88 0.00	33.32 -0.84 0.00	31.51 -0.77 0.00	28.99 -0.70 0.00	40.11 -1.11 0.00	74.15 -2.00 0.00	54.40 -1.71 0.00	33.07 -1.12 0.00	32.17 -1.12 0.00	27.73 -0.90 0.00	25.84 -0.87 0.00	26.60 -0.87 0.00	24.10 -0.75 0.00	20.59 -0.63 0.00	23.90 -0.81 0.00	31.34 -1.06 0.00	45.82 -1.45 0.00	52.48 -1.82 0.00	42.95 -1.51 0.00	35.19 -1.30 0.00	31.22 -1.05 0.00	31.95 -1.00 0.00
TIANA____69_KV_BK 1 55817	39.96 0.40 0.00	36.02 0.14 0.00	36.33 0.15 0.00	34.43 0.27 0.00	32.44 0.15 0.00	30.38 0.69 0.00	42.97 1.76 0.00	79.08 2.93 0.00	58.34 2.20 -0.04	35.40 1.20 -0.01	34.81 1.53 0.00	29.70 1.08 0.00	27.62 0.90 0.00	28.05 0.58 0.00	25.87 1.02 0.00	22.02 0.80 0.00	25.93 1.21 0.00	34.35 1.95 0.00	49.65 2.39 0.00	57.22 2.92 0.00	46.82 2.37 0.00	38.88 2.39 0.00	34.02 1.75 0.00	34.35 1.40 0.00
TILDEN___115KV_TB1 80814	38.81 -0.75 0.00	35.16 -0.71 0.00	35.49 -0.69 0.00	33.49 -0.67 0.00	31.67 -0.61 0.00	29.16 -0.53 0.00	40.38 -0.84 0.00	74.63 -1.52 0.00	54.74 -1.37 0.00	33.25 -0.93 0.00	32.31 -0.97 0.00	27.84 -0.79 0.00	25.95 -0.77 0.00	26.71 -0.76 0.00	24.18 -0.66 0.00	20.66 -0.57 0.00	23.99 -0.72 0.00	31.47 -0.92 0.00	46.06 -1.21 0.00	52.81 -1.50 0.00	43.21 -1.25 0.00	35.39 -1.10 0.00	31.38 -0.89 0.00	32.19 -0.85 -0.10

TRIGEN___CC 323695	40.86 1.30 0.00	36.94 1.07 0.00	37.22 1.04 0.00	35.10 0.95 0.00	33.14 0.87 0.00	30.68 0.99 0.00	42.99 1.78 0.00	79.62 3.47 0.00	58.79 2.65 -0.04	35.91 1.72 -0.01	35.06 1.78 0.00	29.88 1.26 0.00	27.84 1.13 0.00	28.50 1.03 0.00	26.01 1.17 0.00	22.28 1.05 0.00	26.04 1.32 0.00	34.18 1.78 0.00	49.57 2.30 0.00	57.07 2.76 0.00	46.84 2.38 0.00	38.45 1.96 0.00	33.86 1.58 0.00	34.40 1.46 0.00
TRINITY___115KV___4 BK 55933	40.55 0.99 0.00	36.77 0.89 0.00	37.05 0.88 0.00	35.03 0.87 0.00	33.10 0.82 0.00	30.48 0.79 0.00	42.49 1.28 0.00	78.40 2.25 0.00	57.65 1.55 0.00	35.12 0.93 0.00	34.14 0.85 0.00	29.24 0.61 0.00	27.30 0.58 0.00	28.02 0.55 0.00	25.41 0.57 0.00	21.76 0.54 0.00	25.46 0.74 0.00	33.45 1.05 0.00	48.75 1.48 0.00	56.00 1.69 0.00	45.95 1.50 0.00	37.75 1.25 0.00	33.40 1.13 0.00	34.08 1.14 0.00
UNION___PROCESSING_DRP 323587	38.15 -1.41 0.00	34.57 -1.31 0.00	34.89 -1.28 0.00	32.74 -1.41 0.00	31.00 -1.28 0.00	28.48 -1.20 0.00	39.25 -1.96 0.00	72.34 -3.81 0.00	53.07 -3.03 0.00	32.33 -1.86 0.00	31.59 -1.70 0.00	27.21 -1.41 0.00	25.31 -1.40 0.00	26.15 -1.32 0.00	23.76 -1.08 0.00	20.26 -0.97 0.00	23.41 -1.30 0.00	30.69 -1.71 0.00	44.69 -2.58 0.00	50.93 -3.38 0.00	41.70 -2.76 0.00	34.12 -2.37 0.00	30.09 -2.18 0.00	30.58 -2.10 0.26
UPPER HUDSON___HYD 24058	40.84 1.29 0.00	36.97 1.10 0.00	37.30 1.12 0.00	35.31 1.16 0.00	33.38 1.10 0.00	30.84 1.15 0.00	43.24 2.03 0.00	79.84 3.69 0.00	58.38 2.28 0.00	35.20 1.01 0.00	34.59 1.31 0.00	29.82 1.19 0.00	27.74 1.03 0.00	28.43 0.97 0.00	25.71 0.87 0.00	22.09 0.86 0.00	25.94 1.22 0.00	34.21 1.82 0.00	50.13 2.86 0.00	57.61 3.30 0.00	47.30 2.84 0.00	38.88 2.39 0.00	34.33 2.05 0.00	35.06 2.12 0.00
UPPER RAQUET___HYD 24056	40.23 0.68 0.00	36.53 0.66 0.00	36.86 0.68 0.00	34.80 0.64 0.00	32.93 0.65 0.00	30.27 0.57 0.00	41.92 0.71 0.00	77.47 1.32 0.00	57.38 1.28 0.00	34.82 0.63 0.00	33.85 0.57 0.00	29.18 0.56 0.00	27.19 0.48 0.00	27.99 0.52 0.00	25.09 0.24 0.00	21.35 0.12 0.00	24.83 0.11 0.00	32.64 0.25 0.00	47.85 0.59 0.00	55.37 1.06 0.00	45.21 0.75 0.00	37.16 0.67 0.00	32.67 0.40 0.00	33.19 0.24 0.00
VALLEY44_115KV_TB2 355964	38.93 -0.63 0.00	35.17 -0.70 0.00	35.62 -0.56 0.00	33.25 -0.91 0.00	31.29 -0.99 0.00	28.59 -1.10 0.00	39.64 -1.58 0.00	73.59 -2.56 0.00	54.02 -2.08 0.00	32.96 -1.23 0.00	32.19 -1.09 0.00	27.83 -0.79 0.00	25.95 -0.76 0.00	26.88 -0.58 0.00	24.40 -0.45 0.00	20.79 -0.43 0.00	23.92 -0.80 0.00	30.98 -1.42 0.00	45.01 -2.25 0.00	51.19 -3.11 0.00	41.93 -2.52 0.00	34.16 -2.33 0.00	29.93 -2.34 0.00	30.04 -2.34 0.57
VALLEY___115KV_TB 1-4 80826	39.49 -0.07 0.00	35.75 -0.12 0.00	36.00 -0.17 0.00	34.05 -0.11 0.00	32.21 -0.07 0.00	29.75 0.07 0.00	41.64 0.42 0.00	76.93 0.78 0.00	56.16 0.06 0.00	33.80 -0.38 0.00	32.70 -0.58 0.00	28.01 -0.61 0.00	26.13 -0.58 0.00	26.81 -0.66 0.00	24.30 -0.55 0.00	20.79 -0.43 0.00	24.44 -0.28 0.00	32.33 -0.07 0.00	47.52 0.25 0.00	54.69 0.39 0.00	44.79 0.33 0.00	36.77 0.28 0.00	32.55 0.28 0.00	33.18 0.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.03 1.47 0.00	37.22 1.35 0.00	37.54 1.36 0.00	35.50 1.35 0.00	33.60 1.32 0.00	30.98 1.29 0.00	43.22 2.01 0.00	79.90 3.76 0.00	58.69 2.59 0.00	35.69 1.50 0.00	34.61 1.33 0.00	29.70 1.07 0.00	27.68 0.97 0.00	28.40 0.93 0.00	25.72 0.87 0.00	21.95 0.73 0.00	25.63 0.91 0.00	33.69 1.29 0.00	49.14 1.87 0.00	56.33 2.03 0.00	46.14 1.68 0.00	37.80 1.30 0.00	33.41 1.13 0.00	34.08 1.13 0.00
VISCHER___FERRY HYD 24020	40.51 0.95 0.00	36.72 0.85 0.00	37.01 0.83 0.00	34.99 0.84 0.00	33.06 0.78 0.00	30.48 0.79 0.00	42.55 1.33 0.00	78.48 2.34 0.00	57.63 1.53 0.00	35.02 0.83 0.00	34.02 0.74 0.00	29.15 0.53 0.00	27.20 0.48 0.00	27.89 0.42 0.00	25.29 0.44 0.00	21.68 0.45 0.00	25.41 0.69 0.00	33.44 1.04 0.00	48.79 1.52 0.00	56.04 1.74 0.00	46.04 1.58 0.00	37.84 1.35 0.00	33.46 1.19 0.00	34.15 1.21 0.00
V_A_10_SYNC_DSASP 323832	37.42 -2.13 0.00	33.94 -1.93 0.00	34.31 -1.87 0.00	32.04 -2.11 0.00	30.30 -1.98 0.00	27.79 -1.90 0.00	38.12 -3.09 0.00	70.04 -6.11 0.00	51.44 -4.66 0.00	31.54 -2.65 0.00	30.93 -2.35 0.00	26.69 -1.93 0.00	24.83 -1.88 0.00	25.72 -1.74 0.00	23.43 -1.42 0.00	19.95 -1.28 0.00	23.02 -1.70 0.00	30.02 -2.38 0.00	43.49 -3.78 0.00	49.30 -5.00 0.00	40.24 -4.08 0.13	33.05 -3.45 0.00	27.63 -3.16 1.48	26.94 -3.03 2.98
V_CMM_10_SYNC_DSASP 323787	40.33 0.78 0.00	36.64 0.77 0.00	36.96 0.78 0.00	34.82 0.66 0.00	32.90 0.62 0.00	30.19 0.49 0.00	41.80 0.58 0.00	77.21 1.06 0.00	57.32 1.22 0.00	35.00 0.81 0.00	34.14 0.85 0.00	29.45 0.83 0.00	27.47 0.76 0.00	28.29 0.83 0.00	25.39 0.55 0.00	21.65 0.42 0.00	25.17 0.45 0.00	32.95 0.56 0.00	48.02 0.75 0.00	55.38 1.08 0.00	45.32 0.86 0.00	37.27 0.78 0.00	32.83 0.56 0.00	33.42 0.48 0.00
V_CMP_10_SYNC_DSASP 323788	40.84 1.28 0.00	37.54 1.66 0.00	37.86 1.68 0.00	35.84 1.68 0.00	33.80 1.52 0.00	30.75 1.06 0.00	42.16 0.94 0.00	78.38 2.24 0.00	58.58 2.48 0.00	35.86 1.68 0.00	34.97 1.69 0.00	30.37 1.75 0.00	28.33 1.62 0.00	29.09 1.62 0.00	26.19 1.34 0.00	22.32 1.09 0.00	25.98 1.26 0.00	33.78 1.39 0.00	49.26 1.99 0.00	56.67 2.37 0.00	46.37 1.91 0.00	38.05 1.55 0.00	33.39 1.11 0.00	33.75 0.80 0.00
V_D_10_SYNC_DSASP 323841	40.52 0.96 0.00	36.81 0.93 0.00	37.13 0.95 0.00	34.99 0.83 0.00	33.06 0.78 0.00	30.34 0.65 0.00	42.02 0.81 0.00	77.61 1.46 0.00	57.60 1.49 0.00	35.12 0.93 0.00	34.24 0.95 0.00	29.54 0.91 0.00	27.55 0.83 0.00	28.37 0.90 0.00	25.46 0.61 0.00	21.69 0.46 0.00	25.22 0.50 0.00	33.04 0.65 0.00	48.21 0.94 0.00	55.64 1.34 0.00	45.52 1.06 0.00	37.44 0.95 0.00	32.96 0.69 0.00	33.55 0.60 0.00
V_E_10_SYNC_DSASP 323830	40.85 1.29 0.00	37.07 1.20 0.00	37.46 1.28 0.00	35.46 1.30 0.00	33.51 1.23 0.00	31.03 1.34 0.00	43.52 2.30 0.00	80.70 4.55 0.00	58.91 2.81 0.00	35.39 1.20 0.00	34.14 0.86 0.00	29.29 0.67 0.00	27.23 0.52 0.00	27.89 0.42 0.00	25.10 0.25 0.00	21.49 0.26 0.00	25.13 0.41 0.00	33.42 1.03 0.00	49.10 1.83 0.00	55.90 1.60 0.00	45.52 1.02 0.00	36.87 0.38 0.00	32.87 0.12 -0.49	34.47 -0.01 -1.54
V_F_30_NSYNC___DSASP 323816	40.96 1.40 0.00	37.11 1.24 0.00	37.42 1.24 0.00	35.38 1.23 0.00	33.45 1.17 0.00	30.86 1.16 0.00	43.13 1.92 0.00	79.64 3.49 0.00	58.32 2.21 0.00	35.28 1.09 0.00	34.31 1.03 0.00	29.44 0.82 0.00	27.44 0.73 0.00	28.15 0.69 0.00	25.50 0.65 0.00	21.87 0.64 0.00	25.70 0.98 0.00	33.90 1.51 0.00	49.59 2.33 0.00	56.95 2.64 0.00	46.73 2.28 0.00	38.40 1.91 0.00	33.93 1.66 0.00	34.62 1.68 0.00

V_F_30_SYNC_DSASP 323786	40.70 1.15 0.00	36.90 1.03 0.00	37.20 1.02 0.00	35.16 1.00 0.00	33.22 0.94 0.00	30.60 0.91 0.00	42.67 1.46 0.00	78.74 2.60 0.00	57.89 1.78 0.00	35.25 1.06 0.00	34.24 0.96 0.00	29.33 0.71 0.00	27.39 0.68 0.00	28.12 0.64 0.00	25.50 0.66 0.00	21.83 0.61 0.00	25.56 0.84 0.00	33.58 1.19 0.00	48.96 1.69 0.00	56.23 1.93 0.00	46.14 1.68 0.00	37.89 1.39 0.00	33.51 1.24 0.00	34.19 1.24 0.00
V_XM_10_SYNC_DSASP 323789	40.84 1.28 0.00	37.54 1.66 0.00	37.86 1.68 0.00	35.84 1.68 0.00	33.80 1.52 0.00	30.75 1.06 0.00	42.16 0.94 0.00	78.38 2.24 0.00	58.58 2.48 0.00	35.86 1.68 0.00	34.97 1.69 0.00	30.37 1.75 0.00	28.33 1.62 0.00	29.09 1.62 0.00	26.19 1.34 0.00	22.32 1.09 0.00	25.98 1.26 0.00	33.78 1.39 0.00	49.26 1.99 0.00	56.67 2.37 0.00	46.37 1.91 0.00	38.05 1.55 0.00	33.39 1.11 0.00	33.75 0.80 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.60 1.05 0.00	36.77 0.90 0.00	37.07 0.89 0.00	34.92 0.76 0.00	32.96 0.68 0.00	30.41 0.72 0.00	42.54 1.32 0.00	79.04 2.89 0.00	58.24 2.14 0.00	35.56 1.37 0.00	34.56 1.27 0.00	29.53 0.90 0.00	27.58 0.87 0.00	28.31 0.84 0.00	25.79 0.94 0.00	22.09 0.87 0.00	25.79 1.08 0.00	33.73 1.33 0.00	49.09 1.82 0.00	56.47 2.17 0.00	46.31 1.85 0.00	37.87 1.38 0.00	33.46 1.19 0.00	34.10 1.16 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.98 1.42 0.00	37.13 1.25 0.00	37.41 1.23 0.00	35.23 1.08 0.00	33.25 0.97 0.00	30.69 0.99 0.00	42.96 1.74 0.00	79.86 3.71 0.00	59.64 2.88 -0.66	36.25 1.90 -0.16	35.11 1.83 0.00	29.97 1.34 0.00	28.01 1.29 0.00	28.74 1.27 0.00	26.19 1.34 0.00	22.43 1.20 -0.01	26.14 1.43 0.00	34.13 1.74 0.00	49.54 2.27 0.00	56.95 2.64 0.00	46.77 2.31 0.00	38.29 1.80 0.00	33.80 1.53 0.00	34.44 1.49 0.00
W50THST__13_KV_LOAD 356117	41.11 1.56 0.00	37.26 1.39 0.00	37.54 1.36 0.00	35.35 1.19 0.00	33.37 1.10 0.00	30.81 1.11 0.00	43.12 1.91 0.00	80.25 4.11 0.00	59.98 3.22 -0.66	36.48 2.13 -0.16	35.34 2.06 0.00	30.18 1.56 0.00	28.20 1.49 0.00	28.95 1.48 0.00	26.40 1.55 0.00	22.62 1.39 0.00	26.35 1.63 0.00	34.37 1.98 0.00	49.85 2.58 0.00	57.27 2.97 0.00	47.02 2.56 0.00	38.48 1.99 0.00	33.98 1.70 0.00	34.61 1.67 0.00
WADING RIVER_IC_1 23522	39.56 0.00 0.00	35.67 -0.21 0.00	35.95 -0.23 0.00	34.11 -0.05 0.00	32.13 -0.15 0.00	30.16 0.47 0.00	42.69 1.48 0.00	78.25 2.10 0.00	57.75 1.61 -0.04	35.00 0.80 -0.01	34.42 1.14 0.00	29.37 0.74 0.00	27.28 0.57 0.00	27.72 0.25 0.00	25.63 0.78 0.00	21.76 0.53 0.00	25.60 0.88 0.00	33.87 1.47 0.00	48.85 1.58 0.00	56.25 1.94 0.00	46.08 1.63 0.00	38.38 1.88 0.00	33.50 1.23 0.00	33.80 0.85 0.00
WADING RIVER_IC_2 23547	39.56 0.00 0.00	35.67 -0.21 0.00	35.95 -0.23 0.00	34.11 -0.05 0.00	32.13 -0.15 0.00	30.16 0.47 0.00	42.69 1.48 0.00	78.25 2.10 0.00	57.75 1.61 -0.04	35.00 0.80 -0.01	34.42 1.14 0.00	29.37 0.74 0.00	27.28 0.57 0.00	27.72 0.25 0.00	25.63 0.78 0.00	21.76 0.53 0.00	25.60 0.88 0.00	33.87 1.47 0.00	48.85 1.58 0.00	56.25 1.94 0.00	46.08 1.63 0.00	38.38 1.88 0.00	33.50 1.23 0.00	33.80 0.85 0.00
WADING RIVER_IC_3 23601	39.56 0.00 0.00	35.67 -0.21 0.00	35.95 -0.23 0.00	34.11 -0.05 0.00	32.13 -0.15 0.00	30.16 0.47 0.00	42.69 1.48 0.00	78.25 2.10 0.00	57.75 1.61 -0.04	35.00 0.80 -0.01	34.42 1.14 0.00	29.37 0.74 0.00	27.28 0.57 0.00	27.72 0.25 0.00	25.63 0.78 0.00	21.76 0.53 0.00	25.60 0.88 0.00	33.87 1.47 0.00	48.85 1.58 0.00	56.25 1.94 0.00	46.08 1.63 0.00	38.38 1.88 0.00	33.50 1.23 0.00	33.80 0.85 0.00
WALDENNY_12_KV_BK2 80841	38.32 -1.24 0.00	34.71 -1.16 0.00	35.08 -1.10 0.00	32.74 -1.42 0.00	30.99 -1.30 0.00	28.40 -1.29 0.00	38.95 -2.27 0.00	71.54 -4.60 0.00	52.55 -3.55 0.00	32.27 -1.91 0.00	31.63 -1.65 0.00	27.26 -1.36 0.00	25.38 -1.34 0.00	26.34 -1.13 0.00	23.98 -0.87 0.00	20.40 -0.82 0.00	23.53 -1.19 0.00	30.64 -1.75 0.00	44.36 -2.91 0.00	50.14 -4.17 0.00	40.86 -3.45 0.15	33.51 -2.98 0.00	27.71 -2.89 1.67	26.73 -2.79 3.43
WALDEN__HYDRO 24148	40.64 1.08 0.00	36.82 0.95 0.00	37.12 0.94 0.00	35.00 0.85 0.00	33.04 0.77 0.00	30.48 0.79 0.00	42.63 1.41 0.00	79.12 2.97 0.00	58.26 2.16 0.00	35.51 1.32 0.00	34.46 1.18 0.00	29.44 0.82 0.00	27.48 0.77 0.00	28.21 0.75 0.00	25.67 0.82 0.00	21.99 0.77 0.00	25.68 0.96 0.00	33.62 1.22 0.00	49.00 1.73 0.00	56.40 2.10 0.00	46.25 1.80 0.00	37.86 1.37 0.00	33.45 1.17 0.00	34.08 1.14 0.00
WARRENSBURG____ 23737	40.84 1.29 0.00	36.97 1.10 0.00	37.30 1.12 0.00	35.31 1.16 0.00	33.38 1.10 0.00	30.84 1.14 0.00	43.24 2.03 0.00	79.84 3.70 0.00	58.38 2.28 0.00	35.20 1.01 0.00	34.58 1.30 0.00	29.82 1.20 0.00	27.74 1.03 0.00	28.43 0.97 0.00	25.71 0.87 0.00	22.09 0.86 0.00	25.94 1.22 0.00	34.21 1.82 0.00	50.13 2.86 0.00	57.61 3.30 0.00	47.30 2.85 0.00	38.88 2.39 0.00	34.33 2.05 0.00	35.07 2.12 0.00
WATERSIDE____6 8 9 23538	37.98 1.61 3.19	33.39 1.44 3.92	33.86 1.41 3.73	31.21 1.26 4.20	28.79 1.16 4.64	26.33 1.15 4.51	40.27 1.88 2.83	79.74 3.89 0.30	58.73 2.96 0.33	31.94 1.97 4.22	30.51 1.90 4.68	25.03 1.43 5.02	22.68 1.37 5.40	23.57 1.34 5.24	20.43 1.38 5.79	15.81 1.24 6.65	19.27 1.50 6.95	28.84 1.80 5.36	47.40 2.30 2.16	47.17 2.66 9.79	33.85 2.34 12.95	33.16 1.85 5.18	28.95 1.59 4.91	30.24 1.54 4.24
WATKINRD_115KV_LN8_ILLION 55919	39.58 0.02 0.00	35.84 -0.03 0.00	36.11 -0.06 0.00	34.15 0.00 0.00	32.30 0.02 0.00	29.80 0.11 0.00	41.63 0.41 0.00	76.89 0.75 0.00	56.28 0.18 0.00	34.01 -0.18 0.00	32.97 -0.31 0.00	28.27 -0.36 0.00	26.39 -0.33 0.00	27.08 -0.39 0.00	24.54 -0.31 0.00	20.98 -0.24 0.00	24.61 -0.11 0.00	32.46 0.06 0.00	47.58 0.31 0.00	54.71 0.40 0.00	44.80 0.34 0.00	36.79 0.30 0.00	32.56 0.29 0.00	33.19 0.24 0.00
WATSON__69_KV_BK 1 55734	41.34 1.78 0.00	37.19 1.32 0.00	37.52 1.34 0.00	35.42 1.26 0.00	33.46 1.19 0.00	31.09 1.40 0.00	43.72 2.51 0.00	80.70 4.55 0.00	59.52 3.38 -0.04	36.35 2.15 -0.01	35.56 2.28 0.00	30.21 1.58 0.00	28.03 1.31 0.00	28.60 1.13 0.00	26.21 1.37 0.00	22.41 1.19 0.00	26.31 1.60 0.00	34.70 2.31 0.00	50.42 3.15 0.00	58.08 3.77 0.00	47.64 3.19 0.00	39.17 2.68 0.00	34.33 2.06 0.00	34.77 1.82 0.00
WDELAWARE__HYD 323627	41.07 1.51 0.00	37.23 1.36 0.00	37.58 1.40 0.00	35.46 1.30 0.00	33.51 1.23 0.00	30.94 1.24 0.00	43.25 2.04 0.00	80.14 3.99 0.00	58.86 2.76 0.00	35.79 1.60 0.00	34.62 1.34 0.00	29.63 1.01 0.00	27.65 0.93 0.00	28.21 0.74 0.00	25.48 0.64 0.00	21.80 0.58 0.00	25.48 0.77 0.00	33.52 1.12 0.00	48.98 1.71 0.00	56.40 2.10 0.00	46.26 1.80 0.00	37.86 1.37 0.00	33.41 1.14 0.00	34.04 1.09 0.00

WEST BABYLON___IC 23714	41.22 1.67 0.00	37.16 1.29 0.00	37.49 1.31 0.00	35.37 1.21 0.00	33.39 1.12 0.00	30.99 1.30 0.00	43.55 2.34 0.00	80.52 4.38 0.00	59.41 3.27 -0.04	36.28 2.08 -0.01	35.47 2.19 0.00	30.13 1.50 0.00	27.99 1.27 0.00	28.57 1.10 0.00	26.15 1.31 0.00	22.39 1.16 0.00	26.25 1.53 0.00	34.60 2.21 0.00	50.27 3.01 0.00	57.93 3.63 0.00	47.52 3.06 0.00	39.06 2.57 0.00	34.27 2.00 0.00	34.73 1.79 0.00
WEST CANADA___HYD 24049	39.58 0.02 0.00	35.86 -0.02 0.00	36.15 -0.04 0.00	34.17 0.02 0.00	32.31 0.03 0.00	29.75 0.06 0.00	41.40 0.19 0.00	76.50 0.35 0.00	56.25 0.15 0.00	34.25 0.06 0.00	33.31 0.03 0.00	28.61 -0.02 0.00	26.71 0.00 0.00	27.44 -0.03 0.00	24.85 0.00 0.00	21.24 0.01 0.00	24.78 0.06 0.00	32.52 0.13 0.00	47.49 0.22 0.00	54.51 0.20 0.00	44.59 0.13 0.00	36.60 0.10 0.00	32.37 0.10 0.00	33.03 0.09 0.00
WESTERN_NY_WIND 24143	38.63 -0.93 0.00	34.99 -0.89 0.00	35.33 -0.85 0.00	33.08 -1.08 0.00	31.33 -0.95 0.00	28.80 -0.89 0.00	39.56 -1.65 0.00	72.77 -3.37 0.00	53.32 -2.78 0.00	32.39 -1.80 0.00	31.52 -1.76 0.00	27.07 -1.56 0.00	25.15 -1.56 0.00	26.15 -1.32 0.00	23.69 -1.15 0.00	20.15 -1.08 0.00	23.46 -1.26 0.00	30.57 -1.83 0.00	44.64 -2.62 0.00	50.83 -3.47 0.00	41.48 -2.84 0.14	34.02 -2.48 0.00	28.26 -2.41 1.61	27.39 -2.33 3.23
WESTOVER___LESR 323668	39.04 -0.51 0.00	35.34 -0.53 0.00	35.72 -0.46 0.00	33.63 -0.53 0.00	31.78 -0.50 0.00	29.27 -0.42 0.00	40.70 -0.52 0.00	75.39 -0.76 0.00	55.28 -0.82 0.00	33.62 -0.57 0.00	32.59 -0.69 0.00	28.06 -0.57 0.00	26.19 -0.52 0.00	27.01 -0.46 0.00	24.43 -0.41 0.00	20.89 -0.33 0.00	24.26 -0.46 0.00	31.73 -0.67 0.00	46.39 -0.88 0.00	53.07 -1.23 0.00	43.44 -1.02 0.00	35.51 -0.98 0.00	31.39 -0.89 0.00	31.78 -0.94 0.23
WETHRSFD_WT_PWR 323626	37.80 -1.76 0.00	34.27 -1.61 0.00	34.61 -1.57 0.00	32.27 -1.89 0.00	30.48 -1.80 0.00	28.03 -1.66 0.00	38.55 -2.67 0.00	71.18 -4.97 0.00	52.16 -3.94 0.00	31.64 -2.55 0.00	30.77 -2.51 0.00	26.53 -2.10 0.00	24.71 -2.00 0.00	25.55 -1.92 0.00	23.10 -1.75 0.00	19.60 -1.62 0.00	22.65 -2.07 0.00	29.68 -2.72 0.00	43.54 -3.73 0.00	49.25 -5.06 0.00	38.46 -4.67 1.33	32.39 -4.10 0.00	13.60 -3.71 14.96	1.63 -3.77 27.55
WHAVSTOR_138KV_BK127 55557	40.46 0.90 0.00	36.65 0.78 0.00	36.94 0.76 0.00	34.81 0.65 0.00	32.85 0.57 0.00	30.31 0.61 0.00	42.38 1.16 0.00	78.73 2.58 0.00	58.02 1.92 0.00	35.43 1.24 0.00	34.44 1.16 0.00	29.43 0.81 0.00	27.49 0.77 0.00	28.22 0.75 0.00	25.71 0.86 0.00	22.01 0.79 0.00	25.69 0.97 0.00	33.58 1.18 0.00	48.88 1.61 0.00	56.23 1.93 0.00	46.12 1.67 0.00	37.73 1.24 0.00	33.34 1.07 0.00	33.98 1.04 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.46 0.90 0.00	36.65 0.78 0.00	36.94 0.76 0.00	34.81 0.65 0.00	32.85 0.57 0.00	30.31 0.61 0.00	42.38 1.16 0.00	78.73 2.58 0.00	58.02 1.92 0.00	35.43 1.24 0.00	34.44 1.16 0.00	29.43 0.81 0.00	27.49 0.77 0.00	28.22 0.75 0.00	25.71 0.86 0.00	22.01 0.79 0.00	25.69 0.97 0.00	33.58 1.18 0.00	48.88 1.61 0.00	56.23 1.93 0.00	46.12 1.67 0.00	37.73 1.24 0.00	33.34 1.07 0.00	33.98 1.04 0.00
WHITEHAL_115KV_TB1 80871	42.20 2.64 0.00	38.11 2.24 0.00	38.44 2.26 0.00	36.46 2.30 0.00	34.35 2.07 0.00	31.76 2.07 0.00	44.81 3.59 0.00	82.45 6.30 0.00	60.20 4.10 0.00	36.05 1.86 0.00	34.74 1.45 0.00	30.10 1.47 0.00	28.06 1.35 0.00	28.74 1.27 0.00	25.97 1.12 0.00	22.47 1.25 0.00	26.49 1.77 0.00	34.73 2.34 0.00	50.86 3.59 0.00	58.43 4.13 0.00	48.23 3.78 0.00	39.94 3.44 0.00	35.19 2.91 0.00	35.94 2.99 0.00
WHITEPLN_13_KV_LOAD 356215	41.07 1.51 0.00	37.21 1.34 0.00	37.49 1.31 0.00	35.33 1.17 0.00	33.35 1.07 0.00	30.78 1.09 0.00	43.09 1.88 0.00	80.07 3.92 0.00	59.08 2.94 -0.03	36.11 1.92 -0.01	35.11 1.82 0.00	29.98 1.35 0.00	27.98 1.27 0.00	28.72 1.25 0.00	26.14 1.30 0.00	22.40 1.18 0.00	26.14 1.42 0.00	34.21 1.81 0.00	49.73 2.47 0.00	57.22 2.92 0.00	46.93 2.48 0.00	38.43 1.94 0.00	33.92 1.64 0.00	34.54 1.60 0.00
WM_FLOYD_69_KV_BK2 356380	40.18 0.62 0.00	36.24 0.37 0.00	36.52 0.34 0.00	34.58 0.43 0.00	32.64 0.36 0.00	30.49 0.80 0.00	42.99 1.78 0.00	79.08 2.94 0.00	58.35 2.21 -0.04	35.52 1.32 -0.01	34.86 1.58 0.00	29.66 1.03 0.00	27.54 0.83 0.00	28.01 0.54 0.00	25.78 0.93 0.00	21.97 0.75 0.00	25.82 1.11 0.00	34.14 1.75 0.00	49.39 2.12 0.00	56.94 2.63 0.00	46.64 2.18 0.00	38.63 2.13 0.00	33.86 1.59 0.00	34.24 1.30 0.00
WOODARD___115KV_TB2 355635	38.57 -0.99 0.00	34.94 -0.93 0.00	35.27 -0.91 0.00	33.29 -0.87 0.00	31.47 -0.80 0.00	28.96 -0.73 0.00	40.07 -1.15 0.00	74.02 -2.13 0.00	54.32 -1.79 0.00	33.02 -1.16 0.00	32.13 -1.15 0.00	27.69 -0.93 0.00	25.81 -0.90 0.00	26.57 -0.90 0.00	24.06 -0.79 0.00	20.56 -0.67 0.00	23.87 -0.85 0.00	31.29 -1.11 0.00	45.75 -1.52 0.00	52.45 -1.86 0.00	42.90 -1.56 0.00	35.16 -1.33 0.00	31.20 -1.08 0.00	31.92 -1.03 0.00
YORK___WARBASSE 23770	56.14 1.91 -14.67	55.60 1.71 -18.01	55.01 1.70 -17.14	54.99 1.51 -19.32	54.99 1.39 -21.33	55.22 1.36 -24.17	56.38 2.20 -12.97	81.96 4.43 -1.37	66.92 3.37 -7.45	57.22 2.24 -20.79	56.89 2.14 -21.47	53.27 1.60 -23.05	53.06 1.52 -24.82	53.04 1.51 -24.06	53.01 1.53 -26.63	53.22 1.37 -30.63	58.27 1.68 -31.88	59.02 2.03 -24.60	59.84 2.64 -9.93	102.33 3.07 -44.96	106.58 2.66 -59.46	62.38 2.11 -23.78	56.63 1.82 -22.54	54.21 1.78 -19.48