

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/24/2025

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	39.61	33.59	28.67	24.16	25.70	27.76	26.96	26.28	27.10	28.78	45.52	50.18	50.62	50.55	51.48	52.01	51.44	52.55	63.91	87.30	105.56	84.92	70.47	54.59
24138	1.92	1.76	1.60	1.37	1.46	1.66	2.02	2.03	1.97	2.19	3.75	4.07	4.20	4.21	4.21	4.60	5.16	5.09	5.60	6.20	6.21	4.29	2.88	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.35	-1.62	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	0.00	-1.90	0.00	0.00	0.00	0.00
74TH STREET_GT_1	39.64	33.62	28.69	24.17	25.70	27.76	26.94	26.24	27.06	28.74	45.48	50.15	50.65	50.59	51.55	52.05	51.53	52.67	64.06	87.56	105.89	85.19	70.72	54.75
24260	1.96	1.79	1.62	1.38	1.46	1.66	2.00	2.00	1.94	2.16	3.72	4.05	4.23	4.25	4.28	4.63	5.25	5.21	5.75	6.46	6.55	4.56	3.14	2.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.35	-1.61	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	0.00	-1.90	0.00	0.00	0.00	0.00
74TH STREET_GT_2	39.64	33.62	28.69	24.17	25.70	27.76	26.94	26.24	27.06	28.74	45.48	50.15	50.65	50.59	51.55	52.05	51.53	52.67	64.06	87.56	105.89	85.19	70.72	54.75
24261	1.96	1.79	1.62	1.38	1.46	1.66	2.00	2.00	1.94	2.16	3.72	4.05	4.23	4.25	4.28	4.63	5.25	5.21	5.75	6.46	6.55	4.56	3.14	2.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.35	-1.61	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	0.00	-1.90	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	39.68	33.70	28.68	24.22	25.79	27.74	26.67	25.95	24.19	26.18	43.46	48.00	48.45	48.64	49.90	50.66	50.88	51.72	64.29	106.55	107.51	86.82	72.11	55.60
24011	1.99	1.87	1.61	1.43	1.55	1.64	1.73	1.70	1.41	1.22	1.70	1.89	2.03	2.30	2.63	3.24	3.89	4.26	5.98	7.98	8.16	6.18	4.52	3.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	0.00	0.00	-19.36	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	39.97	34.00	28.87	24.39	25.98	27.93	26.85	26.14	24.32	26.25	43.57	48.12	48.61	48.85	50.18	51.11	51.40	52.22	64.92	107.55	108.09	87.34	72.46	55.90
23798	2.28	2.17	1.79	1.61	1.75	1.83	1.92	1.89	1.55	1.28	1.81	2.02	2.20	2.51	2.92	3.70	4.43	4.77	6.61	8.87	8.74	6.70	4.88	3.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.91	0.00	0.00	-19.47	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	39.68	33.70	28.68	24.22	25.79	27.74	26.67	25.95	24.19	26.18	43.46	48.00	48.45	48.64	49.90	50.66	50.88	51.72	64.29	106.55	107.51	86.82	72.11	55.60
24028	1.99	1.87	1.61	1.43	1.55	1.64	1.73	1.70	1.41	1.22	1.70	1.89	2.03	2.30	2.63	3.24	3.89	4.26	5.98	7.98	8.16	6.18	4.52	3.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	0.00	0.00	-19.36	0.00	0.00	0.00	0.00
ADK_NYS___DAM	39.06	33.28	28.51	24.09	25.65	27.52	26.46	25.74	24.38	26.32	43.14	47.46	47.82	47.84	49.07	49.66	50.24	50.41	62.12	97.49	103.91	84.05	70.22	54.48
23527	1.37	1.45	1.43	1.31	1.41	1.42	1.52	1.50	1.26	1.12	1.38	1.35	1.40	1.51	1.80	2.24	2.81	2.95	3.81	4.54	4.56	3.42	2.64	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.34	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	-1.38	0.00	0.00	-13.75	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	37.46	31.88	27.34	23.14	24.59	26.43	25.38	24.66	23.10	25.20	42.11	46.27	46.68	46.64	47.62	47.81	44.72	48.36	59.41	90.48	99.72	80.62	67.30	52.14
24190	-0.23	0.05	0.27	0.36	0.35	0.33	0.45	0.42	0.33	0.23	0.34	0.16	0.26	0.30	0.36	0.39	0.85	0.91	1.10	1.01	0.37	-0.01	-0.29	-0.25
	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	2.19	0.00	0.00	-10.26	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	37.93	31.98	27.07	22.71	24.13	25.99	24.64	23.95	22.46	24.66	41.22	45.46	45.53	45.31	46.19	46.12	44.09	45.38	55.75	76.32	96.98	79.16	67.04	52.25
355683	0.24	0.14	0.00	-0.08	-0.11	-0.11	-0.29	-0.30	-0.31	-0.31	-0.54	-0.64	-0.89	-1.03	-1.07	-1.30	-1.97	-2.08	-2.56	-2.89	-2.37	-1.48	-0.55	-0.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	37.54	31.89	27.30	23.07	24.54	26.40	25.35	24.50	22.83	24.84	41.43	45.60	46.01	45.92	46.87	47.14	44.09	47.80	59.03	88.06	100.05	80.95	67.57	52.37
323833	-0.15	0.06	0.22	0.29	0.30	0.30	0.42	0.26	0.06	-0.13	-0.34	-0.50	-0.41	-0.43	-0.40	-0.27	0.15	0.34	0.72	1.03	0.70	0.31	-0.02	-0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.11	0.00	0.00	-7.83	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	37.52	31.89	27.29	23.06	24.54	26.39	25.34	24.50	22.82	24.84	41.42	45.59	46.00	45.90	46.86	47.13	44.08	47.76	59.02	88.02	99.99	80.90	67.53	52.34
323834	-0.17	0.06	0.22	0.28	0.29	0.29	0.41	0.26	0.05	-0.13	-0.34	-0.51	-0.42	-0.44	-0.41	-0.29	0.14	0.31	0.71	1.00	0.64	0.27	-0.05	-0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.11	0.00	0.00	-7.82	0.00	0.00	0.00	0.00
ALBANY___1	37.46	31.88	27.34	23.14	24.59	26.43	25.38	24.66	23.10	25.20	42.11	46.27	46.68	46.64	47.62	47.81	44.72	48.36	59.41	90.48	99.72	80.62	67.30	52.14
23571	-0.23	0.05	0.27	0.36	0.35	0.33	0.45	0.42	0.33	0.23	0.34	0.16	0.26	0.30	0.36	0.39	0.85	0.91	1.10	1.01	0.37	-0.01	-0.29	-0.25
	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	2.19	0.00	0.00	-10.26	0.00	0.00	0.00	0.00

ALBANY___2 23572	37.46 -0.23 0.00	31.88 0.05 0.00	27.34 0.27 0.00	23.14 0.36 0.00	24.59 0.35 0.00	26.43 0.33 0.00	25.38 0.45 0.00	24.66 0.42 0.00	23.10 0.33 0.00	25.20 0.23 0.00	42.11 0.34 0.00	46.27 0.16 0.00	46.68 0.26 0.00	46.64 0.30 0.00	47.62 0.36 0.00	47.81 0.39 0.00	44.72 0.85 2.19	48.36 0.91 0.00	59.41 1.10 0.00	90.48 1.01 -10.26	99.72 0.37 0.00	80.62 -0.01 0.00	67.30 -0.29 0.00	52.14 -0.25 0.00
ALBANY___3 23573	37.46 -0.23 0.00	31.88 0.05 0.00	27.34 0.27 0.00	23.14 0.36 0.00	24.59 0.35 0.00	26.43 0.33 0.00	25.38 0.45 0.00	24.66 0.42 0.00	23.10 0.33 0.00	25.20 0.23 0.00	42.11 0.34 0.00	46.27 0.16 0.00	46.68 0.26 0.00	46.64 0.30 0.00	47.62 0.36 0.00	47.81 0.39 0.00	44.72 0.85 2.19	48.36 0.91 0.00	59.41 1.10 0.00	90.48 1.01 -10.26	99.72 0.37 0.00	80.62 -0.01 0.00	67.30 -0.29 0.00	52.14 -0.25 0.00
ALBANY___4 23574	37.46 -0.23 0.00	31.88 0.05 0.00	27.34 0.27 0.00	23.14 0.36 0.00	24.59 0.35 0.00	26.43 0.33 0.00	25.38 0.45 0.00	24.66 0.42 0.00	23.10 0.33 0.00	25.20 0.23 0.00	42.11 0.34 0.00	46.27 0.16 0.00	46.68 0.26 0.00	46.64 0.30 0.00	47.62 0.36 0.00	47.81 0.39 0.00	44.72 0.85 2.19	48.36 0.91 0.00	59.41 1.10 0.00	90.48 1.01 -10.26	99.72 0.37 0.00	80.62 -0.01 0.00	67.30 -0.29 0.00	52.14 -0.25 0.00
ALBANY___LFGE 323615	37.95 0.26 0.00	32.27 0.44 0.00	27.65 0.57 0.00	23.37 0.59 0.00	24.85 0.61 0.00	26.71 0.61 0.00	25.67 0.73 0.00	24.94 0.70 0.00	23.37 0.60 0.00	25.52 0.55 0.00	42.64 0.88 0.00	46.89 0.78 0.00	47.34 0.92 0.00	47.33 0.99 0.00	48.35 1.09 0.00	48.62 1.20 0.00	47.95 1.69 -0.20	49.25 1.80 0.00	60.50 2.20 0.00	94.66 2.50 -12.95	101.55 2.20 0.00	82.01 1.38 0.00	68.40 0.81 0.00	52.95 0.57 0.00
ALCOA_PA_115KV_PL-6C 55860	38.11 0.42 0.00	32.12 0.28 0.00	27.19 0.11 0.00	22.80 0.02 0.00	24.21 -0.02 0.00	26.08 -0.02 0.00	24.72 -0.21 0.00	24.02 -0.23 0.00	22.55 -0.23 0.00	24.74 -0.22 0.00	41.30 -0.47 0.00	45.51 -0.60 0.00	45.52 -0.90 0.00	45.23 -1.11 0.00	46.13 -1.14 0.00	46.06 -1.36 0.00	43.75 -2.31 0.00	45.08 -2.38 0.00	55.34 -2.97 0.00	76.07 -3.13 0.00	97.24 -2.11 0.00	79.42 -1.21 0.00	67.34 -0.24 0.00	52.49 0.10 0.00
ALCOA_RYNLDS___DRP 24188	38.11 0.42 0.00	32.12 0.28 0.00	27.19 0.11 0.00	22.80 0.02 0.00	24.21 -0.02 0.00	26.08 -0.02 0.00	24.72 -0.21 0.00	24.02 -0.23 0.00	22.55 -0.23 0.00	24.74 -0.22 0.00	41.30 -0.47 0.00	45.51 -0.60 0.00	45.52 -0.90 0.00	45.23 -1.11 0.00	46.13 -1.14 0.00	46.06 -1.36 0.00	43.75 -2.31 0.00	45.08 -2.38 0.00	55.34 -2.97 0.00	76.07 -3.13 0.00	97.24 -2.11 0.00	79.42 -1.21 0.00	67.34 -0.24 0.00	52.49 0.10 0.00
ALCOA___DSASP 323711	38.11 0.42 0.00	32.12 0.28 0.00	27.19 0.11 0.00	22.80 0.02 0.00	24.21 -0.02 0.00	26.08 -0.02 0.00	24.72 -0.21 0.00	24.02 -0.23 0.00	22.55 -0.23 0.00	24.74 -0.22 0.00	41.30 -0.47 0.00	45.51 -0.60 0.00	45.52 -0.90 0.00	45.23 -1.11 0.00	46.13 -1.14 0.00	46.06 -1.36 0.00	43.75 -2.31 0.00	45.09 -2.37 0.00	55.34 -2.97 0.00	76.07 -3.13 0.00	97.24 -2.10 0.00	79.42 -1.21 0.00	67.34 -0.24 0.00	52.49 0.10 0.00
ALLEGHENY___COGEN 23514	39.52 1.84 0.00	32.97 1.14 0.00	27.83 0.76 0.00	23.41 0.63 0.00	24.91 0.67 0.00	26.92 0.82 0.00	25.88 0.95 0.00	24.87 0.62 0.00	23.20 0.43 0.00	25.02 0.06 0.00	41.92 0.15 0.00	46.90 0.79 0.00	46.40 -0.02 0.00	45.05 -1.29 0.00	45.41 -1.86 0.00	45.77 -1.64 0.00	44.89 -1.17 0.00	46.69 -0.77 0.00	57.12 -1.19 0.00	79.56 0.35 0.00	100.09 0.74 0.00	80.92 0.28 0.00	72.11 4.52 0.00	54.30 1.90 0.00
ALTAMONT_115KV_TB 2 55880	37.95 0.26 0.00	32.21 0.38 0.00	27.55 0.47 0.00	23.26 0.48 0.00	24.74 0.50 0.00	26.62 0.52 0.00	25.57 0.63 0.00	24.85 0.61 0.00	23.29 0.52 0.00	25.43 0.46 0.00	42.43 0.67 0.00	46.75 0.64 0.00	47.17 0.75 0.00	47.14 0.80 0.00	48.12 0.85 0.00	48.38 0.96 0.00	46.21 1.34 1.19	48.91 1.45 0.00	60.08 1.78 0.00	89.54 2.05 -8.28	101.11 1.76 0.00	81.75 1.12 0.00	68.24 0.66 0.00	52.87 0.48 0.00
ALTONA_WT_PWR 323606	37.89 0.20 0.00	31.84 0.01 0.00	26.97 -0.11 0.00	22.62 -0.16 0.00	23.97 -0.27 0.00	25.81 -0.29 0.00	24.50 -0.44 0.00	23.85 -0.40 0.00	22.23 -0.55 0.00	24.24 -0.73 0.00	40.46 -1.31 0.00	44.41 -1.69 0.00	44.38 -2.04 0.00	44.25 -2.09 0.00	45.19 -2.08 0.00	45.20 -2.22 0.00	43.42 -2.64 0.00	44.77 -2.69 0.00	55.19 -3.11 0.00	75.73 -3.48 0.00	95.65 -3.70 0.00	77.32 -3.31 0.00	65.36 -2.23 0.00	50.99 -1.40 0.00
AMERICAN_REF_FUEL 24010	36.76 -0.93 0.00	30.87 -0.96 0.00	25.92 -1.15 0.00	21.85 -0.93 0.00	23.19 -1.04 0.00	24.95 -1.15 0.00	23.70 -1.23 0.00	22.66 -1.59 0.00	21.67 -1.11 0.00	24.31 -0.66 0.00	41.08 -0.68 0.00	46.03 -0.07 0.00	46.34 -0.08 0.00	46.02 -0.32 0.00	46.68 -0.59 0.00	46.99 -0.42 0.00	46.14 0.08 0.00	47.89 0.43 0.00	58.38 0.07 0.00	80.37 1.17 0.00	100.71 1.37 0.00	79.69 -0.95 0.00	66.40 -1.19 0.00	50.94 -1.45 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.25 -0.44 0.00	30.85 -0.99 0.00	26.04 -1.04 0.00	21.83 -0.96 0.00	23.26 -0.98 0.00	24.99 -1.11 0.00	24.03 -0.90 0.00	23.04 -1.20 0.00	22.42 -0.35 0.00	25.13 0.16 0.00	42.85 1.09 0.00	48.40 2.29 0.00	48.67 2.25 0.00	48.28 1.94 0.00	48.87 1.60 0.00	49.24 1.82 0.00	48.34 2.28 0.00	50.26 2.80 0.00	61.75 3.44 0.00	84.99 5.79 0.00	105.66 6.31 0.00	82.20 1.56 0.00	67.73 0.15 0.00	52.31 -0.08 0.00
ARTHUR KILL_GT_1 23520	39.30 1.62 0.00	33.35 1.52 0.00	28.41 1.33 0.00	23.90 1.12 0.00	25.43 1.19 0.00	27.49 1.39 0.00	26.71 1.77 0.00	26.01 1.76 0.00	26.84 1.72 -2.35	28.52 1.94 -1.61	45.02 3.25 0.00	49.54 3.43 0.00	50.11 3.70 0.00	50.02 3.68 0.00	50.90 3.63 0.00	51.56 4.14 0.00	51.08 4.80 -0.23	52.00 4.54 0.00	63.15 4.85 0.01	86.42 5.32 -1.89	104.44 5.10 0.01	84.09 3.46 0.01	69.81 2.22 0.00	54.09 1.70 0.00
ARTHUR_KILL_2 23512	39.17 1.48 0.00	33.25 1.42 0.00	28.32 1.24 0.00	23.82 1.04 0.00	25.36 1.12 0.00	27.40 1.30 0.00	26.62 1.69 0.00	25.92 1.68 0.00	26.76 1.64 -2.35	28.43 1.85 -1.61	44.88 3.11 0.00	49.38 3.27 0.00	49.94 3.52 0.00	49.84 3.50 0.00	50.66 3.39 0.00	51.34 3.93 0.00	50.85 4.57 -0.22	51.76 4.31 0.01	62.85 4.55 0.01	85.99 4.89 -1.89	103.89 4.55 0.01	83.65 3.03 0.01	69.44 1.85 0.00	53.82 1.43 0.00
ARTHUR_KILL_3 23513	39.20 1.52 0.00	33.24 1.41 0.00	28.38 1.30 0.00	23.91 1.13 0.00	25.43 1.19 0.00	27.46 1.35 0.00	26.63 1.69 0.00	25.92 1.68 0.00	26.74 1.62 -2.35	28.37 1.79 -1.62	44.81 3.05 0.00	49.43 3.32 0.00	49.93 3.52 0.00	49.87 3.53 0.00	50.80 3.53 0.00	51.32 3.91 0.00	50.81 4.53 -0.22	51.90 4.44 0.00	63.06 4.75 0.00	86.11 5.00 -1.90	104.00 4.65 0.00	83.68 3.05 0.00	69.52 1.93 0.00	53.91 1.52 0.00

ARTHUR_KILL_COGEN 323718	39.30 1.62 0.00	33.35 1.52 0.00	28.41 1.33 0.00	23.90 1.12 0.00	25.43 1.19 0.00	27.49 1.39 0.00	26.71 1.77 0.00	26.00 1.76 0.00	26.85 1.72 -2.35	28.52 1.94 -1.61	45.02 3.25 0.00	49.54 3.43 0.00	50.12 3.70 0.00	50.02 3.68 0.00	50.86 3.60 0.00	51.55 4.14 0.00	51.08 4.80 -0.22	51.98 4.53 0.01	63.14 4.84 0.01	86.42 5.33 -1.89	104.40 5.06 0.01	84.09 3.46 0.01	69.77 2.18 0.00	54.06 1.66 0.00
ASHOKAN____ 23654	38.76 1.07 0.00	32.83 0.99 0.00	28.04 0.96 0.00	23.67 0.89 0.00	25.17 0.93 0.00	27.12 1.01 0.00	26.15 1.21 0.00	25.48 1.23 0.00	23.90 1.13 0.00	26.04 1.07 0.00	43.45 1.68 0.00	47.90 1.80 0.00	48.51 2.09 0.00	48.54 2.21 0.00	49.84 2.58 0.00	50.72 3.30 0.00	48.44 3.94 1.56	51.68 4.22 0.00	63.51 5.20 0.00	91.51 6.41 -5.90	106.27 6.92 0.00	85.52 4.88 0.00	70.85 3.26 0.00	54.60 2.21 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.23 1.54 0.00	33.38 1.55 0.00	28.50 1.42 0.00	23.91 1.13 0.00	25.45 1.21 0.00	27.50 1.40 0.00	26.77 1.84 0.00	26.04 1.79 0.00	26.81 1.69 -2.35	28.48 1.90 -1.61	44.85 3.09 0.00	49.30 3.20 0.00	49.89 3.47 0.00	49.74 3.40 0.00	50.66 3.40 0.00	51.11 3.69 0.00	50.68 4.40 -0.22	51.97 4.31 -0.20	63.21 4.65 -0.25	86.45 4.98 -2.27	104.73 4.68 -0.71	83.96 3.13 -0.20	69.52 1.93 -0.01	53.91 1.52 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.23 1.54 0.00	33.38 1.55 0.00	28.50 1.42 0.00	23.91 1.13 0.00	25.45 1.21 0.00	27.50 1.40 0.00	26.77 1.84 0.00	26.04 1.79 0.00	26.81 1.69 -2.35	28.48 1.90 -1.61	44.85 3.09 0.00	49.30 3.20 0.00	49.89 3.47 0.00	49.74 3.40 0.00	50.66 3.40 0.00	51.11 3.69 0.00	50.68 4.40 -0.22	51.97 4.31 -0.20	63.21 4.65 -0.25	86.45 4.98 -2.27	104.73 4.68 -0.71	83.96 3.13 -0.20	69.52 1.93 -0.01	53.91 1.52 0.00
ASTORIA_GT2_1 24094	39.25 1.56 0.00	33.39 1.56 0.00	28.51 1.43 0.00	23.92 1.13 0.00	25.46 1.23 0.00	27.51 1.41 0.00	26.78 1.85 0.00	26.05 1.81 0.00	26.83 1.71 -2.35	28.50 1.91 -1.61	44.87 3.10 0.00	49.32 3.22 0.00	49.93 3.51 0.00	49.77 3.43 0.00	50.71 3.44 0.00	51.13 3.71 0.00	50.70 4.42 -0.22	52.01 4.35 -0.20	63.25 4.69 -0.25	86.50 5.03 -2.27	104.81 4.75 -0.71	84.00 3.17 -0.20	69.58 1.99 -0.01	53.96 1.57 0.00
ASTORIA_GT2_2 24095	39.25 1.56 0.00	33.39 1.56 0.00	28.51 1.43 0.00	23.92 1.13 0.00	25.46 1.23 0.00	27.51 1.41 0.00	26.78 1.85 0.00	26.05 1.81 0.00	26.83 1.71 -2.35	28.50 1.91 -1.61	44.87 3.10 0.00	49.32 3.22 0.00	49.93 3.51 0.00	49.77 3.43 0.00	50.71 3.44 0.00	51.13 3.71 0.00	50.70 4.42 -0.22	52.01 4.35 -0.20	63.25 4.69 -0.25	86.50 5.03 -2.27	104.81 4.75 -0.71	84.00 3.17 -0.20	69.58 1.99 -0.01	53.96 1.57 0.00
ASTORIA_GT2_3 24096	39.25 1.56 0.00	33.39 1.56 0.00	28.51 1.43 0.00	23.92 1.13 0.00	25.46 1.23 0.00	27.51 1.41 0.00	26.78 1.85 0.00	26.05 1.81 0.00	26.83 1.71 -2.35	28.50 1.91 -1.61	44.87 3.10 0.00	49.32 3.22 0.00	49.93 3.51 0.00	49.77 3.43 0.00	50.71 3.44 0.00	51.13 3.71 0.00	50.70 4.42 -0.22	52.01 4.35 -0.20	63.25 4.69 -0.25	86.50 5.03 -2.27	104.81 4.75 -0.71	84.00 3.17 -0.20	69.58 1.99 -0.01	53.96 1.57 0.00
ASTORIA_GT2_4 24097	39.25 1.56 0.00	33.39 1.56 0.00	28.51 1.43 0.00	23.92 1.13 0.00	25.46 1.23 0.00	27.51 1.41 0.00	26.78 1.85 0.00	26.05 1.81 0.00	26.83 1.71 -2.35	28.50 1.91 -1.61	44.87 3.10 0.00	49.32 3.22 0.00	49.93 3.51 0.00	49.77 3.43 0.00	50.71 3.44 0.00	51.13 3.71 0.00	50.70 4.42 -0.22	52.01 4.35 -0.20	63.25 4.69 -0.25	86.50 5.03 -2.27	104.81 4.75 -0.71	84.00 3.17 -0.20	69.58 1.99 -0.01	53.96 1.57 0.00
ASTORIA_GT3_1 24098	39.25 1.56 0.00	33.39 1.56 0.00	28.51 1.43 0.00	23.92 1.13 0.00	25.46 1.23 0.00	27.51 1.41 0.00	26.78 1.85 0.00	26.05 1.81 0.00	26.83 1.71 -2.35	28.50 1.91 -1.61	44.87 3.10 0.00	49.32 3.22 0.00	49.93 3.51 0.00	49.77 3.43 0.00	50.71 3.44 0.00	51.13 3.71 0.00	50.70 4.42 -0.22	52.01 4.35 -0.20	63.25 4.69 -0.25	86.50 5.03 -2.27	104.81 4.75 -0.71	84.00 3.17 -0.20	69.58 1.99 -0.01	53.96 1.57 0.00
ASTORIA_GT3_2 24099	39.25 1.56 0.00	33.39 1.56 0.00	28.51 1.43 0.00	23.92 1.13 0.00	25.46 1.23 0.00	27.51 1.41 0.00	26.78 1.85 0.00	26.05 1.81 0.00	26.83 1.71 -2.35	28.50 1.91 -1.61	44.87 3.10 0.00	49.32 3.22 0.00	49.93 3.51 0.00	49.77 3.43 0.00	50.71 3.44 0.00	51.13 3.71 0.00	50.70 4.42 -0.22	52.01 4.35 -0.20	63.25 4.69 -0.25	86.50 5.03 -2.27	104.81 4.75 -0.71	84.00 3.17 -0.20	69.58 1.99 -0.01	53.96 1.57 0.00
ASTORIA_GT3_3 24100	39.25 1.56 0.00	33.39 1.56 0.00	28.51 1.43 0.00	23.92 1.13 0.00	25.46 1.23 0.00	27.51 1.41 0.00	26.78 1.85 0.00	26.05 1.81 0.00	26.83 1.71 -2.35	28.50 1.91 -1.61	44.87 3.10 0.00	49.32 3.22 0.00	49.93 3.51 0.00	49.77 3.43 0.00	50.71 3.44 0.00	51.13 3.71 0.00	50.70 4.42 -0.22	52.01 4.35 -0.20	63.25 4.69 -0.25	86.50 5.03 -2.27	104.81 4.75 -0.71	84.00 3.17 -0.20	69.58 1.99 -0.01	53.96 1.57 0.00
ASTORIA_GT3_4 24101	39.25 1.56 0.00	33.39 1.56 0.00	28.51 1.43 0.00	23.92 1.13 0.00	25.46 1.23 0.00	27.51 1.41 0.00	26.78 1.85 0.00	26.05 1.81 0.00	26.83 1.71 -2.35	28.50 1.91 -1.61	44.87 3.10 0.00	49.32 3.22 0.00	49.93 3.51 0.00	49.77 3.43 0.00	50.71 3.44 0.00	51.13 3.71 0.00	50.70 4.42 -0.22	52.01 4.35 -0.20	63.25 4.69 -0.25	86.50 5.03 -2.27	104.81 4.75 -0.71	84.00 3.17 -0.20	69.58 1.99 -0.01	53.96 1.57 0.00
ASTORIA_GT4_1 24102	39.25 1.56 0.00	33.39 1.56 0.00	28.51 1.43 0.00	23.92 1.13 0.00	25.46 1.23 0.00	27.51 1.41 0.00	26.78 1.85 0.00	26.05 1.81 0.00	26.83 1.71 -2.35	28.50 1.91 -1.61	44.87 3.10 0.00	49.32 3.22 0.00	49.93 3.51 0.00	49.77 3.43 0.00	50.71 3.44 0.00	51.13 3.71 0.00	50.70 4.42 -0.22	52.01 4.35 -0.20	63.25 4.69 -0.25	86.50 5.03 -2.27	104.81 4.75 -0.71	84.00 3.17 -0.20	69.58 1.99 -0.01	53.96 1.57 0.00
ASTORIA_GT4_2 24103	39.25 1.56 0.00	33.39 1.56 0.00	28.51 1.43 0.00	23.92 1.13 0.00	25.46 1.23 0.00	27.51 1.41 0.00	26.78 1.85 0.00	26.05 1.81 0.00	26.83 1.71 -2.35	28.50 1.91 -1.61	44.87 3.10 0.00	49.32 3.22 0.00	49.93 3.51 0.00	49.77 3.43 0.00	50.71 3.44 0.00	51.13 3.71 0.00	50.70 4.42 -0.22	52.01 4.35 -0.20	63.25 4.69 -0.25	86.50 5.03 -2.27	104.81 4.75 -0.71	84.00 3.17 -0.20	69.58 1.99 -0.01	53.96 1.57 0.00
ASTORIA_GT4_3 24104	39.25 1.56 0.00	33.39 1.56 0.00	28.51 1.43 0.00	23.92 1.13 0.00	25.46 1.23 0.00	27.51 1.41 0.00	26.78 1.85 0.00	26.05 1.81 0.00	26.83 1.71 -2.35	28.50 1.91 -1.61	44.87 3.10 0.00	49.32 3.22 0.00	49.93 3.51 0.00	49.77 3.43 0.00	50.71 3.44 0.00	51.13 3.71 0.00	50.70 4.42 -0.22	52.01 4.35 -0.20	63.25 4.69 -0.25	86.50 5.03 -2.27	104.81 4.75 -0.71	84.00 3.17 -0.20	69.58 1.99 -0.01	53.96 1.57 0.00

ASTORIA_GT4_4 24105	39.25 1.56 0.00	33.39 1.56 0.00	28.51 1.43 0.00	23.92 1.13 0.00	25.46 1.23 0.00	27.51 1.41 0.00	26.78 1.85 0.00	26.05 1.81 0.00	26.83 1.71 -2.35	28.50 1.91 -1.61	44.87 3.10 0.00	49.32 3.22 0.00	49.93 3.51 0.00	49.77 3.43 0.00	50.71 3.44 0.00	51.13 3.71 0.00	50.70 4.42 -0.22	52.01 4.35 -0.20	63.25 4.69 -0.25	86.50 5.03 -2.27	104.81 4.75 -0.71	84.00 3.17 -0.20	69.58 1.99 -0.01	53.96 1.57 0.00
ASTORIA_GT_1 23523	39.33 1.64 0.00	33.46 1.63 0.00	28.56 1.48 0.00	23.96 1.18 0.00	25.51 1.27 0.00	27.57 1.47 0.00	26.84 1.90 0.00	26.10 1.86 0.00	26.88 1.76 -2.35	28.56 1.98 -1.61	44.97 3.20 0.00	49.44 3.34 0.00	50.03 3.62 0.00	49.90 3.56 0.00	50.83 3.57 0.00	51.26 3.85 0.00	50.82 4.54 -0.22	52.14 4.48 -0.20	63.40 4.84 -0.25	86.70 5.23 -2.27	105.03 4.98 -0.71	84.17 3.34 -0.20	69.73 2.14 -0.01	54.07 1.68 0.00
ASTORIA_GT_10 24110	39.20 1.52 0.00	33.33 1.50 0.00	28.44 1.37 0.00	23.91 1.12 0.00	25.44 1.20 0.00	27.49 1.39 0.00	26.72 1.79 0.00	26.04 1.80 0.00	26.86 1.74 -2.35	28.52 1.94 -1.61	44.97 3.21 0.00	49.47 3.36 0.00	49.97 3.55 0.00	49.86 3.52 0.00	50.71 3.45 0.00	51.12 3.70 0.00	50.60 4.32 -0.22	51.70 4.24 0.00	53.03 4.54 9.81	59.68 4.85 24.38	66.53 4.56 37.38	52.44 3.00 31.20	46.97 1.84 22.45	48.95 1.39 4.83
ASTORIA_GT_11 24225	39.20 1.52 0.00	33.33 1.50 0.00	28.44 1.37 0.00	23.91 1.12 0.00	25.44 1.20 0.00	27.49 1.39 0.00	26.72 1.79 0.00	26.04 1.80 0.00	26.86 1.74 -2.35	28.52 1.94 -1.61	44.97 3.21 0.00	49.47 3.36 0.00	49.97 3.55 0.00	49.86 3.52 0.00	50.71 3.45 0.00	51.12 3.70 0.00	50.60 4.32 -0.22	51.70 4.24 0.00	53.03 4.54 9.81	59.68 4.85 24.38	66.53 4.56 37.38	52.44 3.00 31.20	46.97 1.84 22.45	48.95 1.39 4.83
ASTORIA_GT_12 24226	39.20 1.52 0.00	33.33 1.50 0.00	28.44 1.37 0.00	23.91 1.12 0.00	25.44 1.20 0.00	27.49 1.39 0.00	26.72 1.79 0.00	26.04 1.80 0.00	26.86 1.74 -2.35	28.52 1.94 -1.61	44.97 3.21 0.00	49.47 3.36 0.00	49.97 3.55 0.00	49.86 3.52 0.00	50.71 3.45 0.00	51.12 3.70 0.00	50.60 4.32 -0.22	51.70 4.24 0.00	53.03 4.54 9.81	59.68 4.85 24.38	66.53 4.56 37.38	52.44 3.00 31.20	46.97 1.84 22.45	48.95 1.39 4.83
ASTORIA_GT_13 24227	39.20 1.52 0.00	33.33 1.50 0.00	28.44 1.37 0.00	23.91 1.12 0.00	25.44 1.20 0.00	27.49 1.39 0.00	26.72 1.79 0.00	26.04 1.80 0.00	26.86 1.74 -2.35	28.52 1.94 -1.61	44.97 3.21 0.00	49.47 3.36 0.00	49.97 3.55 0.00	49.86 3.52 0.00	50.71 3.45 0.00	51.12 3.70 0.00	50.60 4.32 -0.22	51.70 4.24 0.00	53.03 4.54 9.81	59.68 4.85 24.38	66.53 4.56 37.38	52.44 3.00 31.20	46.97 1.84 22.45	48.95 1.39 4.83
ASTORIA_GT_5 24106	39.33 1.64 0.00	33.46 1.63 0.00	28.56 1.48 0.00	23.96 1.18 0.00	25.51 1.27 0.00	27.57 1.47 0.00	26.84 1.90 0.00	26.10 1.86 0.00	26.88 1.76 -2.35	28.56 1.98 -1.61	44.97 3.20 0.00	49.44 3.34 0.00	50.03 3.62 0.00	49.90 3.56 0.00	50.83 3.57 0.00	51.26 3.85 0.00	50.82 4.54 -0.22	52.14 4.48 -0.20	63.40 4.84 -0.25	86.70 5.23 -2.27	105.03 4.98 -0.71	84.17 3.34 -0.20	69.73 2.14 -0.01	54.07 1.68 0.00
ASTORIA_GT_7 24107	39.33 1.64 0.00	33.46 1.63 0.00	28.56 1.48 0.00	23.96 1.18 0.00	25.51 1.27 0.00	27.57 1.47 0.00	26.84 1.90 0.00	26.10 1.86 0.00	26.88 1.76 -2.35	28.56 1.98 -1.61	44.97 3.20 0.00	49.44 3.34 0.00	50.03 3.62 0.00	49.90 3.56 0.00	50.83 3.57 0.00	51.26 3.85 0.00	50.82 4.54 -0.22	52.14 4.48 -0.20	63.40 4.84 -0.25	86.70 5.23 -2.27	105.03 4.98 -0.71	84.17 3.34 -0.20	69.73 2.14 -0.01	54.07 1.68 0.00
ASTORIA_GT_8 24108	39.33 1.64 0.00	33.46 1.63 0.00	28.56 1.48 0.00	23.96 1.18 0.00	25.51 1.27 0.00	27.57 1.47 0.00	26.84 1.90 0.00	26.10 1.86 0.00	26.88 1.76 -2.35	28.56 1.98 -1.61	44.97 3.20 0.00	49.44 3.34 0.00	50.03 3.62 0.00	49.90 3.56 0.00	50.83 3.57 0.00	51.26 3.85 0.00	50.82 4.54 -0.22	52.14 4.48 -0.20	63.40 4.84 -0.25	86.70 5.23 -2.27	105.03 4.98 -0.71	84.17 3.34 -0.20	69.73 2.14 -0.01	54.07 1.68 0.00
ASTORIA___2 24149	39.26 1.57 0.00	33.40 1.57 0.00	28.51 1.43 0.00	23.91 1.13 0.00	25.46 1.23 0.00	27.51 1.41 0.00	26.78 1.85 0.00	26.05 1.81 0.00	26.83 1.70 -2.35	28.50 1.92 -1.61	44.87 3.11 0.00	49.32 3.21 0.00	49.92 3.51 0.00	49.78 3.44 0.00	50.69 3.43 0.00	51.13 3.72 0.00	50.70 4.42 -0.22	52.01 4.35 -0.20	63.24 4.69 -0.25	86.50 5.02 -2.27	104.79 4.73 -0.71	83.99 3.16 -0.20	69.57 1.98 -0.01	53.94 1.55 0.00
ASTORIA___3 23516	39.20 1.52 0.00	33.34 1.51 0.00	28.44 1.37 0.00	23.90 1.12 0.00	25.44 1.20 0.00	27.49 1.39 0.00	26.72 1.79 0.00	26.04 1.80 0.00	26.86 1.74 -2.35	28.52 1.94 -1.61	44.98 3.21 0.00	49.46 3.36 0.00	49.96 3.55 0.00	49.86 3.52 0.00	50.71 3.44 0.00	51.12 3.71 0.00	50.61 4.33 -0.22	51.69 4.24 0.01	53.02 4.53 9.81	59.66 4.83 24.38	66.53 4.55 37.38	52.44 3.00 31.20	46.94 1.81 22.45	48.92 1.36 4.83
ASTORIA___4 23517	39.20 1.52 0.00	33.33 1.50 0.00	28.44 1.37 0.00	23.91 1.12 0.00	25.44 1.20 0.00	27.49 1.39 0.00	26.72 1.79 0.00	26.04 1.80 0.00	26.86 1.74 -2.35	28.52 1.94 -1.61	44.97 3.21 0.00	49.47 3.36 0.00	49.97 3.55 0.00	49.86 3.52 0.00	50.71 3.45 0.00	51.12 3.70 0.00	50.60 4.32 -0.22	51.70 4.24 0.00	53.03 4.53 9.81	59.68 4.85 24.38	66.53 4.56 37.38	52.44 3.00 31.20	46.97 1.83 22.45	48.95 1.38 4.83
ASTORIA___5 23518	39.20 1.51 0.00	33.34 1.51 0.00	28.44 1.37 0.00	23.90 1.12 0.00	25.44 1.20 0.00	27.48 1.38 0.00	26.72 1.79 0.00	26.04 1.80 0.00	26.86 1.74 -2.35	28.52 1.94 -1.61	44.97 3.21 0.00	49.46 3.36 0.00	49.96 3.55 0.00	49.86 3.52 0.00	50.71 3.44 0.00	51.12 3.70 0.00	50.61 4.33 -0.22	51.69 4.24 0.01	53.02 4.53 9.81	59.66 4.83 24.38	66.53 4.55 37.38	52.44 3.00 31.20	46.94 1.81 22.45	48.92 1.36 4.83
AST_ENERGY_2_CC3 323677	39.28 1.59 0.00	33.33 1.50 0.00	28.45 1.37 0.00	23.96 1.18 0.00	25.48 1.24 0.00	27.52 1.42 0.00	26.69 1.76 0.00	26.00 1.76 0.00	26.83 1.70 -2.35	28.47 1.89 -1.62	44.97 3.20 0.00	49.57 3.47 0.00	50.05 3.64 0.00	50.00 3.66 0.00	50.93 3.67 0.00	51.45 4.03 0.00	50.92 4.64 -0.22	52.00 4.54 0.00	63.25 4.94 0.00	86.47 5.37 -1.90	104.50 5.15 0.00	84.12 3.49 0.00	69.84 2.26 0.00	54.13 1.74 0.00
AST_ENERGY_2_CC4 323678	39.28 1.59 0.00	33.33 1.50 0.00	28.45 1.37 0.00	23.96 1.18 0.00	25.48 1.24 0.00	27.52 1.42 0.00	26.69 1.76 0.00	26.00 1.76 0.00	26.83 1.70 -2.35	28.47 1.89 -1.62	44.97 3.20 0.00	49.57 3.47 0.00	50.05 3.64 0.00	50.00 3.66 0.00	50.93 3.67 0.00	51.45 4.03 0.00	50.92 4.64 -0.22	52.00 4.54 0.00	63.25 4.94 0.00	86.47 5.37 -1.90	104.50 5.15 0.00	84.12 3.49 0.00	69.84 2.26 0.00	54.13 1.74 0.00

ATHENS_STG_1 23668	38.11 0.42 0.00	32.32 0.48 0.00	27.65 0.57 0.00	23.36 0.58 0.00	24.86 0.62 0.00	26.76 0.65 0.00	25.76 0.82 0.00	25.06 0.81 0.00	23.89 0.75 -0.37	25.97 0.75 -0.25	42.91 1.14 0.00	47.30 1.19 0.00	47.75 1.33 0.00	47.70 1.36 0.00	48.67 1.41 0.00	48.98 1.57 0.00	48.04 1.98 0.00	49.48 2.02 0.00	60.63 2.33 0.00	83.17 2.49 -1.48	101.44 2.09 0.00	81.91 1.28 0.00	68.31 0.73 0.00	52.93 0.54 0.00
ATHENS_STG_2 23670	38.11 0.42 0.00	32.32 0.48 0.00	27.65 0.57 0.00	23.36 0.58 0.00	24.86 0.62 0.00	26.76 0.65 0.00	25.76 0.82 0.00	25.06 0.81 0.00	23.89 0.75 -0.37	25.97 0.75 -0.25	42.91 1.14 0.00	47.30 1.19 0.00	47.75 1.33 0.00	47.70 1.36 0.00	48.67 1.41 0.00	48.98 1.57 0.00	48.04 1.98 0.00	49.48 2.02 0.00	60.63 2.33 0.00	83.17 2.49 -1.48	101.44 2.09 0.00	81.91 1.28 0.00	68.31 0.73 0.00	52.93 0.54 0.00
ATHENS_STG_3 23677	38.11 0.42 0.00	32.32 0.48 0.00	27.65 0.57 0.00	23.36 0.58 0.00	24.86 0.62 0.00	26.76 0.65 0.00	25.76 0.82 0.00	25.06 0.81 0.00	23.89 0.75 -0.37	25.97 0.75 -0.25	42.91 1.14 0.00	47.30 1.19 0.00	47.75 1.33 0.00	47.70 1.36 0.00	48.67 1.41 0.00	48.98 1.57 0.00	48.04 1.98 0.00	49.48 2.02 0.00	60.63 2.33 0.00	83.17 2.49 -1.48	101.44 2.09 0.00	81.91 1.28 0.00	68.31 0.73 0.00	52.93 0.54 0.00
AUBURN___LFGE 323710	37.96 0.28 0.00	31.99 0.16 0.00	27.17 0.09 0.00	22.94 0.16 0.00	24.33 0.09 0.00	26.23 0.13 0.00	25.27 0.34 0.00	24.52 0.27 0.00	23.00 0.22 0.00	25.23 0.27 0.00	42.30 0.54 0.00	46.93 0.82 0.00	47.55 1.13 0.00	47.34 1.00 0.00	48.23 0.97 0.00	48.64 1.22 0.00	47.60 1.54 0.00	49.30 1.84 0.00	62.15 2.51 -1.33	87.60 4.01 -4.39	109.35 5.05 -4.95	85.70 3.11 -1.96	69.90 2.02 -0.29	53.50 1.11 0.00
BABYLON_RES_REC 323704	39.36 1.68 0.00	33.46 1.63 0.00	28.53 1.45 0.00	24.04 1.26 0.00	25.54 1.30 0.00	27.63 1.52 0.00	26.79 1.86 0.00	26.07 1.83 0.00	26.68 1.57 -2.34	28.16 1.59 -1.61	44.86 3.10 0.00	48.60 2.50 0.00	49.02 2.60 0.00	48.94 2.60 0.00	49.83 2.56 0.00	50.35 3.06 0.12	49.21 3.54 0.39	56.77 3.61 -5.70	66.22 4.04 -3.86	87.47 3.95 -4.32	63.19 3.13 39.30	76.66 2.06 6.04	46.13 0.75 22.20	51.23 0.82 1.98
BALL_HILL_WT_PWR 323825	37.36 -0.32 0.00	31.17 -0.66 0.00	26.28 -0.79 0.00	22.10 -0.68 0.00	23.51 -0.73 0.00	25.31 -0.79 0.00	24.24 -0.70 0.00	23.25 -0.99 0.00	22.34 -0.44 0.00	24.94 -0.02 0.00	42.38 0.62 0.00	47.65 1.54 0.00	47.93 1.51 0.00	47.68 1.35 0.00	48.26 0.99 0.00	48.68 1.26 0.00	47.84 1.78 0.00	49.73 2.27 0.00	60.92 2.61 0.00	83.80 4.59 0.00	104.77 5.42 0.00	82.50 1.87 0.00	68.17 0.58 0.00	52.32 -0.07 0.00
BARON_WINDS___WT_PWR 323822	37.16 -0.53 0.00	31.00 -0.83 0.00	26.30 -0.78 0.00	22.13 -0.65 0.00	23.57 -0.67 0.00	25.41 -0.68 0.00	24.37 -0.57 0.00	23.51 -0.74 0.00	22.34 -0.44 0.00	24.69 -0.27 0.00	41.48 -0.29 0.00	46.32 0.22 0.00	46.74 0.32 0.00	46.65 0.31 0.00	47.16 -0.10 0.00	47.59 0.17 0.00	46.66 0.60 0.00	48.38 0.92 0.00	60.06 1.38 -0.37	84.24 3.32 -1.72	104.73 4.00 -1.38	82.26 1.08 -0.55	67.29 -0.37 -0.08	51.45 -0.94 0.00
BARRETT_IC_1 23704	39.14 1.46 0.00	33.22 1.39 0.00	28.33 1.25 0.00	23.89 1.10 0.00	25.37 1.13 0.00	27.43 1.33 0.00	26.54 1.60 0.00	25.83 1.58 0.00	26.52 1.40 -2.34	28.02 1.44 -1.61	44.79 3.02 0.00	48.87 2.76 0.00	49.43 3.01 0.00	49.40 3.06 0.00	50.31 3.05 0.00	50.96 3.54 0.00	50.06 3.77 -0.22	45.84 3.74 5.36	55.58 4.06 6.79	75.09 4.13 8.25	74.56 3.57 28.36	84.95 2.68 -1.64	71.34 1.40 -2.36	53.70 1.10 -0.21
BARRETT_IC_10 23701	39.14 1.46 0.00	33.22 1.39 0.00	28.33 1.25 0.00	23.89 1.10 0.00	25.37 1.13 0.00	27.43 1.33 0.00	26.54 1.60 0.00	25.83 1.58 0.00	26.52 1.40 -2.34	28.02 1.44 -1.61	44.79 3.02 0.00	48.87 2.76 0.00	49.43 3.01 0.00	49.40 3.06 0.00	50.31 3.05 0.00	50.96 3.54 0.00	50.06 3.77 -0.22	31.93 3.74 19.26	37.96 4.06 24.41	48.21 4.13 35.13	22.87 3.57 80.05	71.77 2.68 11.54	71.34 1.40 -2.36	53.70 1.10 -0.21
BARRETT_IC_11 23702	39.14 1.46 0.00	33.22 1.39 0.00	28.33 1.25 0.00	23.89 1.10 0.00	25.37 1.13 0.00	27.43 1.33 0.00	26.54 1.60 0.00	25.83 1.58 0.00	26.52 1.40 -2.34	28.02 1.44 -1.61	44.79 3.02 0.00	48.87 2.76 0.00	49.43 3.01 0.00	49.40 3.06 0.00	50.31 3.05 0.00	50.96 3.54 0.00	50.06 3.77 -0.22	31.93 3.74 19.26	37.96 4.06 24.41	48.21 4.13 35.13	22.87 3.57 80.05	71.77 2.68 11.54	71.34 1.40 -2.36	53.70 1.10 -0.21
BARRETT_IC_12 23703	39.14 1.46 0.00	33.22 1.39 0.00	28.33 1.25 0.00	23.89 1.10 0.00	25.37 1.13 0.00	27.43 1.33 0.00	26.54 1.60 0.00	25.83 1.58 0.00	26.52 1.40 -2.34	28.02 1.44 -1.61	44.79 3.02 0.00	48.87 2.76 0.00	49.43 3.01 0.00	49.40 3.06 0.00	50.31 3.05 0.00	50.96 3.54 0.00	50.06 3.77 -0.22	31.93 3.74 19.26	37.96 4.06 24.41	48.21 4.13 35.13	22.87 3.57 80.05	71.77 2.68 11.54	71.34 1.40 -2.36	53.70 1.10 -0.21
BARRETT_IC_2 23705	39.14 1.46 0.00	33.22 1.39 0.00	28.33 1.25 0.00	23.89 1.10 0.00	25.37 1.13 0.00	27.43 1.33 0.00	26.54 1.60 0.00	25.83 1.58 0.00	26.52 1.40 -2.34	28.02 1.44 -1.61	44.79 3.02 0.00	48.87 2.76 0.00	49.43 3.01 0.00	49.40 3.06 0.00	50.31 3.05 0.00	50.96 3.54 0.00	50.06 3.77 -0.22	45.84 3.74 5.36	55.58 4.06 6.79	75.09 4.13 8.25	74.56 3.57 28.36	84.95 2.68 -1.64	71.34 1.40 -2.36	53.70 1.10 -0.21
BARRETT_IC_3 23706	39.14 1.46 0.00	33.22 1.39 0.00	28.33 1.25 0.00	23.89 1.10 0.00	25.37 1.13 0.00	27.43 1.33 0.00	26.54 1.60 0.00	25.83 1.58 0.00	26.52 1.40 -2.34	28.02 1.44 -1.61	44.79 3.02 0.00	48.87 2.76 0.00	49.43 3.01 0.00	49.40 3.06 0.00	50.31 3.05 0.00	50.96 3.54 0.00	50.06 3.77 -0.22	45.84 3.74 5.36	55.58 4.06 6.79	75.09 4.13 8.25	74.56 3.57 28.36	84.95 2.68 -1.64	71.34 1.40 -2.36	53.70 1.10 -0.21
BARRETT_IC_4 23707	39.14 1.46 0.00	33.22 1.39 0.00	28.33 1.25 0.00	23.89 1.10 0.00	25.37 1.13 0.00	27.43 1.33 0.00	26.54 1.60 0.00	25.83 1.58 0.00	26.52 1.40 -2.34	28.02 1.44 -1.61	44.79 3.02 0.00	48.87 2.76 0.00	49.43 3.01 0.00	49.40 3.06 0.00	50.31 3.05 0.00	50.96 3.54 0.00	50.06 3.77 -0.22	45.84 3.74 5.36	55.58 4.06 6.79	75.09 4.13 8.25	74.56 3.57 28.36	84.95 2.68 -1.64	71.34 1.40 -2.36	53.70 1.10 -0.21
BARRETT_IC_5 23708	39.14 1.46 0.00	33.22 1.39 0.00	28.33 1.25 0.00	23.89 1.10 0.00	25.37 1.13 0.00	27.43 1.33 0.00	26.54 1.60 0.00	25.83 1.58 0.00	26.52 1.40 -2.34	28.02 1.44 -1.61	44.79 3.02 0.00	48.87 2.76 0.00	49.43 3.01 0.00	49.40 3.06 0.00	50.31 3.05 0.00	50.96 3.54 0.00	50.06 3.77 -0.22	45.84 3.74 5.36	55.58 4.06 6.79	75.09 4.13 8.25	74.56 3.57 28.36	84.95 2.68 -1.64	71.34 1.40 -2.36	53.70 1.10 -0.21

BARRETT_IC_6 23709	39.14 1.46 0.00	33.22 1.39 0.00	28.33 1.25 0.00	23.89 1.10 0.00	25.37 1.13 0.00	27.43 1.33 0.00	26.54 1.60 0.00	25.83 1.58 0.00	26.52 1.40 -2.34	28.02 1.44 -1.61	44.79 3.02 0.00	48.87 2.76 0.00	49.43 3.01 0.00	49.40 3.06 0.00	50.31 3.05 0.00	50.96 3.54 0.00	50.06 3.77 -0.22	45.84 3.74 5.36	55.58 4.06 6.79	75.09 4.13 8.25	74.56 3.57 28.36	84.95 2.68 -1.64	71.34 1.40 -2.36	53.70 1.10 -0.21
BARRETT_IC_7 23710	39.14 1.45 0.00	33.23 1.39 0.00	28.33 1.25 0.00	23.89 1.11 0.00	25.37 1.13 0.00	27.43 1.33 0.00	26.53 1.60 0.00	25.83 1.58 0.00	26.51 1.40 -2.34	28.02 1.44 -1.61	44.82 3.05 0.00	48.86 2.75 0.00	49.43 3.01 0.00	49.38 3.04 0.00	50.29 3.03 0.00	50.92 3.50 0.00	50.05 3.77 -0.22	45.83 3.73 5.36	55.59 4.07 6.79	75.12 4.16 8.25	74.62 3.64 28.36	84.95 2.68 -1.64	71.36 1.42 -2.36	53.68 1.08 -0.21
BARRETT_IC_8 23711	39.14 1.46 0.00	33.22 1.39 0.00	28.33 1.25 0.00	23.89 1.10 0.00	25.37 1.13 0.00	27.43 1.33 0.00	26.54 1.60 0.00	25.83 1.58 0.00	26.52 1.40 -2.34	28.02 1.44 -1.61	44.79 3.02 0.00	48.87 2.76 0.00	49.43 3.01 0.00	49.40 3.06 0.00	50.31 3.05 0.00	50.96 3.54 0.00	50.06 3.77 -0.22	45.84 3.74 5.36	55.58 4.06 6.79	75.09 4.13 8.25	74.56 3.57 28.36	84.95 2.68 -1.64	71.34 1.40 -2.36	53.70 1.10 -0.21
BARRETT_IC_9 23700	39.14 1.46 0.00	33.22 1.39 0.00	28.33 1.25 0.00	23.89 1.10 0.00	25.37 1.13 0.00	27.43 1.33 0.00	26.54 1.60 0.00	25.83 1.58 0.00	26.52 1.40 -2.34	28.02 1.44 -1.61	44.79 3.02 0.00	48.87 2.76 0.00	49.43 3.01 0.00	49.40 3.06 0.00	50.31 3.05 0.00	50.96 3.54 0.00	50.06 3.77 -0.22	31.93 3.74 19.26	37.96 4.06 24.41	48.21 4.13 35.13	22.87 3.57 80.05	71.77 2.68 11.54	71.34 1.40 -2.36	53.70 1.10 -0.21
BARRETT___1 23545	39.14 1.46 0.00	33.22 1.39 0.00	28.33 1.25 0.00	23.89 1.10 0.00	25.37 1.13 0.00	27.43 1.33 0.00	26.54 1.60 0.00	25.83 1.58 0.00	26.52 1.40 -2.34	28.02 1.44 -1.61	44.79 3.02 0.00	48.87 2.76 0.00	49.43 3.01 0.00	49.40 3.06 0.00	50.31 3.05 0.00	50.96 3.54 0.00	50.06 3.77 -0.22	45.84 3.74 5.36	55.58 4.06 6.79	75.12 4.13 8.21	74.64 3.57 28.28	84.95 2.68 -1.64	71.34 1.40 -2.36	53.70 1.10 -0.21
BARRETT___2 23546	39.14 1.46 0.00	33.22 1.39 0.00	28.33 1.25 0.00	23.89 1.10 0.00	25.37 1.13 0.00	27.43 1.33 0.00	26.54 1.60 0.00	25.83 1.58 0.00	26.52 1.40 -2.34	28.02 1.44 -1.61	44.79 3.02 0.00	48.87 2.76 0.00	49.43 3.01 0.00	49.40 3.06 0.00	50.31 3.05 0.00	50.96 3.54 0.00	50.06 3.77 -0.22	31.93 3.74 19.26	37.96 4.06 24.41	48.21 4.13 35.13	22.87 3.57 80.05	71.77 2.68 11.54	71.34 1.40 -2.36	53.70 1.10 -0.21
BATAVIA__115KV_TB1 55881	38.59 0.90 0.00	32.32 0.49 0.00	27.18 0.10 0.00	22.88 0.10 0.00	24.30 0.07 0.00	26.21 0.11 0.00	25.08 0.15 0.00	24.14 -0.10 0.00	22.96 0.19 0.00	25.54 0.58 0.00	43.02 1.26 0.00	48.08 1.97 0.00	48.49 2.07 0.00	48.06 1.72 0.00	48.45 1.19 0.00	48.74 1.33 0.00	47.93 1.87 0.00	49.87 2.41 0.00	61.32 3.02 0.00	84.82 5.61 0.00	106.47 7.12 0.00	84.41 3.77 0.00	69.86 2.27 0.00	53.61 1.22 0.00
BAYONEEC___CTG1 323682	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.20 0.00	25.52 1.28 0.00	27.55 1.45 0.00	26.73 1.80 0.00	26.03 1.78 0.00	26.85 1.73 -2.35	28.50 1.92 -1.62	45.04 3.28 0.00	49.67 3.56 0.00	50.15 3.73 0.00	50.07 3.73 0.00	51.01 3.75 0.00	51.52 4.10 0.00	51.02 4.73 -0.22	52.08 4.62 0.00	63.31 5.00 0.00	86.54 5.44 -1.90	104.58 5.23 0.00	84.14 3.51 0.00	69.88 2.29 0.00	54.16 1.77 0.00
BAYONEEC___CTG10 323750	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.20 0.00	25.52 1.28 0.00	27.55 1.45 0.00	26.73 1.80 0.00	26.03 1.78 0.00	26.85 1.73 -2.35	28.50 1.92 -1.62	45.04 3.28 0.00	49.67 3.56 0.00	50.15 3.73 0.00	50.07 3.73 0.00	51.01 3.75 0.00	51.52 4.10 0.00	51.02 4.73 -0.22	52.08 4.62 0.00	63.31 5.00 0.00	86.54 5.44 -1.90	104.58 5.23 0.00	84.14 3.51 0.00	69.88 2.29 0.00	54.16 1.77 0.00
BAYONEEC___CTG2 323683	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.20 0.00	25.52 1.28 0.00	27.55 1.45 0.00	26.73 1.80 0.00	26.03 1.78 0.00	26.85 1.73 -2.35	28.50 1.92 -1.62	45.04 3.28 0.00	49.67 3.56 0.00	50.15 3.73 0.00	50.07 3.73 0.00	51.01 3.75 0.00	51.52 4.10 0.00	51.02 4.73 -0.22	52.08 4.62 0.00	63.31 5.00 0.00	86.54 5.44 -1.90	104.58 5.23 0.00	84.14 3.51 0.00	69.88 2.29 0.00	54.16 1.77 0.00
BAYONEEC___CTG3 323684	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.20 0.00	25.52 1.28 0.00	27.55 1.45 0.00	26.73 1.80 0.00	26.03 1.78 0.00	26.85 1.73 -2.35	28.50 1.92 -1.62	45.04 3.28 0.00	49.67 3.56 0.00	50.15 3.73 0.00	50.07 3.73 0.00	51.01 3.75 0.00	51.52 4.10 0.00	51.02 4.73 -0.22	52.08 4.62 0.00	63.31 5.00 0.00	86.54 5.44 -1.90	104.58 5.23 0.00	84.14 3.51 0.00	69.88 2.29 0.00	54.16 1.77 0.00
BAYONEEC___CTG4 323685	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.20 0.00	25.52 1.28 0.00	27.55 1.45 0.00	26.73 1.80 0.00	26.03 1.78 0.00	26.85 1.73 -2.35	28.50 1.92 -1.62	45.04 3.28 0.00	49.67 3.56 0.00	50.15 3.73 0.00	50.07 3.73 0.00	51.01 3.75 0.00	51.52 4.10 0.00	51.02 4.73 -0.22	52.08 4.62 0.00	63.31 5.00 0.00	86.54 5.44 -1.90	104.58 5.23 0.00	84.14 3.51 0.00	69.88 2.29 0.00	54.16 1.77 0.00
BAYONEEC___CTG5 323686	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.20 0.00	25.52 1.28 0.00	27.55 1.45 0.00	26.73 1.80 0.00	26.03 1.78 0.00	26.85 1.73 -2.35	28.50 1.92 -1.62	45.04 3.28 0.00	49.67 3.56 0.00	50.15 3.73 0.00	50.07 3.73 0.00	51.01 3.75 0.00	51.52 4.10 0.00	51.02 4.73 -0.22	52.08 4.62 0.00	63.31 5.00 0.00	86.54 5.44 -1.90	104.58 5.23 0.00	84.14 3.51 0.00	69.88 2.29 0.00	54.16 1.77 0.00
BAYONEEC___CTG6 323687	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.20 0.00	25.52 1.28 0.00	27.55 1.45 0.00	26.73 1.80 0.00	26.03 1.78 0.00	26.85 1.73 -2.35	28.50 1.92 -1.62	45.04 3.28 0.00	49.67 3.56 0.00	50.15 3.73 0.00	50.07 3.73 0.00	51.01 3.75 0.00	51.52 4.10 0.00	51.02 4.73 -0.22	52.08 4.62 0.00	63.31 5.00 0.00	86.54 5.44 -1.90	104.58 5.23 0.00	84.14 3.51 0.00	69.88 2.29 0.00	54.16 1.77 0.00
BAYONEEC___CTG7 323688	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.20 0.00	25.52 1.28 0.00	27.55 1.45 0.00	26.73 1.80 0.00	26.03 1.78 0.00	26.85 1.73 -2.35	28.50 1.92 -1.62	45.04 3.28 0.00	49.67 3.56 0.00	50.15 3.73 0.00	50.07 3.73 0.00	51.01 3.75 0.00	51.52 4.10 0.00	51.02 4.73 -0.22	52.08 4.62 0.00	63.31 5.00 0.00	86.54 5.44 -1.90	104.58 5.23 0.00	84.14 3.51 0.00	69.88 2.29 0.00	54.16 1.77 0.00

BAYONEEC___CTG8 323689	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.20 0.00	25.52 1.28 0.00	27.55 1.45 0.00	26.73 1.80 0.00	26.03 1.78 0.00	26.85 1.73 -2.35	28.50 1.92 -1.62	45.04 3.28 0.00	49.67 3.56 0.00	50.15 3.73 0.00	50.07 3.73 0.00	51.01 3.75 0.00	51.52 4.10 0.00	51.02 4.73 -0.22	52.08 4.62 0.00	63.31 5.00 0.00	86.54 5.44 -1.90	104.58 5.23 0.00	84.14 3.51 0.00	69.88 2.29 0.00	54.16 1.77 0.00
BAYONEEC___CTG9 323749	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.20 0.00	25.52 1.28 0.00	27.55 1.45 0.00	26.73 1.80 0.00	26.03 1.78 0.00	26.85 1.73 -2.35	28.50 1.92 -1.62	45.04 3.28 0.00	49.67 3.56 0.00	50.15 3.73 0.00	50.07 3.73 0.00	51.01 3.75 0.00	51.52 4.10 0.00	51.02 4.73 -0.22	52.08 4.62 0.00	63.31 5.00 0.00	86.54 5.44 -1.90	104.58 5.23 0.00	84.14 3.51 0.00	69.88 2.29 0.00	54.16 1.77 0.00
BEACON___LESR 323632	38.00 0.31 0.00	32.29 0.46 0.00	27.67 0.60 0.00	23.40 0.61 0.00	24.87 0.64 0.00	26.74 0.64 0.00	25.72 0.79 0.00	25.00 0.75 0.00	23.42 0.64 0.00	25.54 0.57 0.00	42.65 0.89 0.00	46.91 0.81 0.00	47.35 0.93 0.00	47.33 0.99 0.00	48.35 1.08 0.00	48.64 1.23 0.00	43.79 1.76 4.03	49.43 1.97 0.00	60.75 2.44 0.00	92.52 2.84 -10.47	101.94 2.59 0.00	82.32 1.68 0.00	68.56 0.97 0.00	53.04 0.65 0.00
BEAVER RIVER___HYD 24048	38.26 0.57 0.00	32.09 0.26 0.00	27.11 0.03 0.00	22.89 0.11 0.00	24.34 0.10 0.00	26.26 0.16 0.00	25.01 0.07 0.00	24.42 0.17 0.00	22.95 0.18 0.00	25.27 0.30 0.00	41.96 0.19 0.00	45.53 -0.58 0.00	45.30 -1.12 0.00	45.27 -1.06 0.00	46.23 -1.04 0.00	46.93 -0.48 0.00	45.34 -0.71 0.00	46.70 -0.76 0.00	59.37 0.34 -0.72	83.27 1.73 -2.34	106.03 4.04 -2.64	86.16 4.48 -1.04	69.91 2.17 -0.16	53.06 0.67 0.00
BEEBEE_GT_13 23619	38.09 0.40 0.00	32.00 0.17 0.00	27.03 -0.05 0.00	22.74 -0.04 0.00	24.18 -0.06 0.00	26.07 -0.03 0.00	25.01 0.07 0.00	24.21 -0.03 0.00	22.96 0.18 0.00	25.43 0.46 0.00	42.91 1.15 0.00	47.92 1.81 0.00	48.32 1.90 0.00	48.16 1.82 0.00	48.98 1.72 0.00	49.43 2.01 0.00	48.43 2.37 0.00	50.13 2.68 0.00	61.45 3.15 0.00	84.26 5.06 0.00	105.42 6.07 0.00	84.11 3.47 0.00	69.80 2.22 0.00	53.56 1.17 0.00
BENSHRST_27_KV_BENSHRST_1 355998	39.61 1.92 0.00	33.60 1.77 0.00	28.63 1.55 0.00	24.07 1.29 0.00	25.62 1.39 0.00	27.70 1.60 0.00	26.92 1.98 0.00	26.20 1.96 0.00	27.02 1.90 -2.35	28.71 2.14 -1.61	45.37 3.61 0.00	49.98 3.88 0.00	50.55 4.13 0.00	50.43 4.09 0.00	51.33 4.06 0.00	51.89 4.47 0.00	51.42 5.14 -0.23	52.48 5.02 0.00	63.85 5.54 0.01	87.33 6.23 -1.89	105.62 6.28 0.01	84.98 4.35 0.01	70.52 2.94 0.00	54.61 2.21 0.00
BETHLEHEM___GRP 23843	37.46 -0.23 0.00	31.88 0.05 0.00	27.34 0.27 0.00	23.14 0.36 0.00	24.59 0.35 0.00	26.43 0.33 0.00	25.38 0.45 0.00	24.66 0.42 0.00	23.10 0.33 0.00	25.20 0.23 0.00	42.11 0.34 0.00	46.27 0.16 0.00	46.68 0.26 0.00	46.64 0.30 0.00	47.62 0.36 0.00	47.81 0.39 0.00	44.72 0.85 2.19	48.36 0.91 0.00	59.41 1.10 0.00	90.48 1.01 -10.26	99.72 0.37 0.00	80.62 -0.01 0.00	67.30 -0.29 0.00	52.14 -0.25 0.00
BETHLEHEM___GS1 323560	37.46 -0.23 0.00	31.88 0.05 0.00	27.34 0.27 0.00	23.14 0.35 0.00	24.59 0.35 0.00	26.43 0.33 0.00	25.38 0.45 0.00	24.66 0.42 0.00	23.10 0.33 0.00	25.20 0.23 0.00	42.12 0.35 0.00	46.27 0.16 0.00	46.68 0.26 0.00	46.65 0.31 0.00	47.62 0.36 0.00	47.80 0.39 0.00	44.72 0.85 2.19	48.36 0.90 0.00	59.41 1.10 0.00	90.48 1.01 -10.26	99.72 0.37 0.00	80.62 -0.01 0.00	67.30 -0.28 0.00	52.14 -0.25 0.00
BETHLEHEM___GS2 323561	37.46 -0.23 0.00	31.88 0.05 0.00	27.34 0.27 0.00	23.14 0.35 0.00	24.59 0.35 0.00	26.43 0.33 0.00	25.38 0.45 0.00	24.66 0.42 0.00	23.10 0.33 0.00	25.20 0.23 0.00	42.12 0.35 0.00	46.27 0.16 0.00	46.68 0.26 0.00	46.65 0.31 0.00	47.62 0.36 0.00	47.80 0.39 0.00	44.72 0.85 2.19	48.36 0.90 0.00	59.41 1.10 0.00	90.48 1.01 -10.26	99.72 0.37 0.00	80.62 -0.01 0.00	67.30 -0.28 0.00	52.14 -0.25 0.00
BETHLEHEM___GS3 323562	37.46 -0.23 0.00	31.88 0.05 0.00	27.34 0.27 0.00	23.14 0.35 0.00	24.59 0.35 0.00	26.43 0.33 0.00	25.38 0.45 0.00	24.66 0.42 0.00	23.10 0.33 0.00	25.20 0.23 0.00	42.12 0.35 0.00	46.27 0.16 0.00	46.68 0.26 0.00	46.65 0.31 0.00	47.62 0.36 0.00	47.80 0.39 0.00	44.72 0.85 2.19	48.36 0.90 0.00	59.41 1.10 0.00	90.48 1.01 -10.26	99.72 0.37 0.00	80.62 -0.01 0.00	67.30 -0.28 0.00	52.14 -0.25 0.00
BETHLEHEM___STEEL 23779	37.54 -0.15 0.00	31.39 -0.44 0.00	26.40 -0.68 0.00	22.21 -0.57 0.00	23.60 -0.64 0.00	25.41 -0.69 0.00	24.30 -0.64 0.00	23.33 -0.92 0.00	22.34 -0.44 0.00	25.02 0.05 0.00	42.37 0.61 0.00	47.54 1.44 0.00	47.88 1.46 0.00	47.63 1.29 0.00	48.28 1.01 0.00	48.66 1.25 0.00	47.86 1.80 0.00	49.70 2.24 0.00	60.77 2.46 0.00	83.64 4.43 0.00	104.69 5.34 0.00	82.67 2.04 0.00	68.42 0.83 0.00	52.44 0.05 0.00
BETHLHEM_115KV_TB1 79974	37.54 -0.14 0.00	31.94 0.11 0.00	27.38 0.30 0.00	23.16 0.38 0.00	24.61 0.38 0.00	26.46 0.37 0.00	25.42 0.48 0.00	24.70 0.45 0.00	23.14 0.37 0.00	25.25 0.28 0.00	42.19 0.42 0.00	46.37 0.27 0.00	46.79 0.37 0.00	46.75 0.41 0.00	47.74 0.47 0.00	47.93 0.51 0.00	44.95 0.96 2.06	48.48 1.02 0.00	59.55 1.24 0.00	90.17 1.19 -9.78	99.98 0.63 0.00	80.82 0.18 0.00	67.45 -0.13 0.00	52.27 -0.12 0.00
BETHPAGE_CC_5 323564	39.22 1.53 0.00	33.32 1.49 0.00	28.45 1.37 0.00	23.97 1.19 0.00	25.46 1.23 0.00	27.54 1.44 0.00	26.70 1.76 0.00	25.95 1.71 0.00	26.61 1.50 -2.34	28.11 1.54 -1.61	44.95 3.19 0.00	48.92 2.82 0.00	49.46 3.04 0.00	49.45 3.10 0.00	50.35 3.09 0.00	50.90 3.57 0.09	49.82 4.01 0.24	54.23 4.06 -2.71	64.49 4.51 -1.67	85.89 4.63 -2.06	67.08 4.00 36.27	77.90 2.74 5.48	48.70 1.35 20.24	51.67 1.08 1.81
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.62 -0.07 0.00	31.44 -0.39 0.00	26.44 -0.64 0.00	22.25 -0.53 0.00	23.64 -0.59 0.00	25.46 -0.64 0.00	24.35 -0.59 0.00	23.39 -0.85 0.00	22.41 -0.37 0.00	25.10 0.14 0.00	42.52 0.75 0.00	47.71 1.61 0.00	48.06 1.64 0.00	47.82 1.48 0.00	48.48 1.21 0.00	48.87 1.45 0.00	48.08 2.03 0.00	49.93 2.48 0.00	61.03 2.73 0.00	84.01 4.80 0.00	105.14 5.79 0.00	82.99 2.36 0.00	68.63 1.04 0.00	52.58 0.19 0.00
BINGHAMTON___COGEN 23790	37.78 0.09 0.00	31.80 -0.03 0.00	27.10 0.02 0.00	22.83 0.04 0.00	24.30 0.06 0.00	26.20 0.09 0.00	25.17 0.23 0.00	24.42 0.17 0.00	23.03 0.26 0.00	25.30 0.34 0.00	42.56 0.79 0.00	47.26 1.15 0.00	47.61 1.19 0.00	47.57 1.23 0.00	48.33 1.06 0.00	48.75 1.33 0.00	47.70 1.65 0.00	49.29 1.83 0.00	61.30 2.35 -0.64	85.38 3.30 -2.88	105.31 3.56 -2.40	83.68 2.10 -0.95	68.75 1.02 -0.14	52.89 0.50 0.00

BIXINCNT_115KV_LOAD 355685	37.53 -0.15 0.00	31.14 -0.69 0.00	26.19 -0.89 0.00	22.10 -0.68 0.00	23.50 -0.74 0.00	25.26 -0.84 0.00	24.24 -0.70 0.00	23.42 -0.82 0.00	22.57 -0.20 0.00	25.26 0.29 0.00	42.46 0.69 0.00	47.71 1.60 0.00	48.04 1.62 0.00	47.83 1.49 0.00	48.37 1.11 0.00	48.73 1.31 0.00	47.94 1.88 0.00	49.76 2.30 0.00	60.71 2.40 0.00	84.09 4.88 0.00	105.45 6.10 0.00	82.92 2.29 0.00	68.20 0.61 0.00	52.21 -0.18 0.00
BLACK RIVER___HYD 24047	38.58 0.89 0.00	32.34 0.51 0.00	27.31 0.23 0.00	23.05 0.27 0.00	24.57 0.34 0.00	26.55 0.45 0.00	25.34 0.40 0.00	24.69 0.44 0.00	23.19 0.42 0.00	25.59 0.62 0.00	42.43 0.66 0.00	46.03 -0.07 0.00	45.79 -0.63 0.00	46.00 -0.34 0.00	46.90 -0.36 0.00	47.87 0.45 0.00	46.22 0.16 0.00	47.57 0.11 0.00	61.30 1.77 -1.22	87.23 4.05 -3.98	111.36 7.52 -4.50	89.46 7.05 -1.78	71.59 3.74 -0.27	54.04 1.65 0.00
BLACKRVR_115KV_TB2 79977	38.58 0.89 0.00	32.34 0.51 0.00	27.31 0.23 0.00	23.05 0.27 0.00	24.58 0.34 0.00	26.55 0.45 0.00	25.34 0.40 0.00	24.69 0.44 0.00	23.19 0.41 0.00	25.59 0.62 0.00	42.43 0.67 0.00	46.03 -0.08 0.00	45.79 -0.63 0.00	46.00 -0.34 0.00	46.90 -0.36 0.00	47.87 0.45 0.00	46.22 0.16 0.00	47.56 0.10 0.00	61.30 1.77 -1.22	87.23 4.05 -3.98	111.36 7.51 -4.50	89.46 7.05 -1.78	71.59 3.74 -0.27	54.04 1.65 0.00
BLDWN_LI_69_KV_BK4 356085	39.49 1.81 0.00	33.50 1.67 0.00	28.56 1.49 0.00	24.07 1.29 0.00	25.56 1.32 0.00	27.64 1.54 0.00	26.78 1.85 0.00	26.07 1.82 0.00	26.74 1.63 -2.34	28.29 1.72 -1.61	45.27 3.51 0.00	49.37 3.27 0.00	49.95 3.53 0.00	49.83 3.49 0.00	50.79 3.52 0.00	51.42 4.01 0.00	50.70 4.42 -0.22	50.43 4.51 1.53	61.42 5.05 1.94	82.78 5.36 1.78	76.88 4.94 27.41	81.42 3.65 2.87	58.47 2.19 11.30	53.08 1.70 1.01
BLISS_WT_PWR 323608	37.42 -0.27 0.00	30.97 -0.86 0.00	26.03 -1.04 0.00	21.98 -0.81 0.00	23.38 -0.86 0.00	25.13 -0.97 0.00	24.10 -0.84 0.00	23.31 -0.93 0.00	22.51 -0.26 0.00	25.21 0.24 0.00	42.32 0.55 0.00	47.57 1.46 0.00	47.93 1.51 0.00	47.70 1.36 0.00	48.27 1.00 0.00	48.60 1.19 0.00	47.81 1.76 0.00	49.61 2.16 0.00	60.51 2.20 0.00	83.93 4.72 0.00	105.33 5.98 0.00	82.67 2.03 0.00	67.92 0.33 0.00	51.97 -0.42 0.00
BLUESTONE___WT_PWR 323821	38.43 0.74 0.00	32.36 0.53 0.00	27.61 0.54 0.00	23.35 0.56 0.00	24.90 0.66 0.00	26.97 0.87 0.00	25.99 1.05 0.00	25.45 1.20 0.00	23.59 1.24 0.43	26.16 1.49 0.29	44.67 2.90 0.00	49.47 3.36 0.00	50.19 3.77 0.00	50.01 3.67 0.00	50.61 3.34 0.00	51.11 3.69 0.00	50.06 4.00 0.00	51.78 4.32 0.00	64.29 5.64 -0.34	90.40 8.13 -3.07	109.54 8.91 -1.28	86.98 5.84 -0.50	70.89 3.22 -0.08	54.52 2.13 0.00
BLUE_CIRC_CHEM_DRP 24182	37.16 -0.53 0.00	31.58 -0.25 0.00	27.05 -0.03 0.00	22.86 0.07 0.00	24.32 0.08 0.00	26.15 0.05 0.00	25.11 0.18 0.00	24.33 0.08 0.00	22.72 -0.05 0.00	24.76 -0.20 0.00	41.32 -0.44 0.00	45.48 -0.63 0.00	45.87 -0.55 0.00	45.78 -0.55 0.00	46.74 -0.53 0.00	46.96 -0.45 0.00	43.98 -0.06 2.01	47.46 0.00 0.00	58.46 0.15 0.00	86.96 0.01 -7.75	98.70 -0.65 0.00	79.88 -0.75 0.00	66.74 -0.85 0.00	51.76 -0.63 0.00
BOC_GAS_DRP 24189	37.73 0.04 0.00	32.04 0.20 0.00	27.42 0.34 0.00	23.16 0.38 0.00	24.63 0.40 0.00	26.50 0.40 0.00	25.45 0.52 0.00	24.75 0.50 0.00	23.20 0.43 0.00	25.34 0.37 0.00	42.31 0.54 0.00	46.60 0.49 0.00	47.01 0.59 0.00	46.95 0.61 0.00	47.90 0.64 0.00	48.15 0.73 0.00	45.81 1.10 1.34	48.59 1.13 0.00	59.65 1.34 0.00	87.66 1.34 -7.12	100.22 0.87 0.00	81.07 0.43 0.00	67.70 0.11 0.00	52.49 0.10 0.00
BOONVILLE_115KV_TB1 79983	38.49 0.80 0.00	32.38 0.54 0.00	27.46 0.38 0.00	23.16 0.38 0.00	24.62 0.39 0.00	26.55 0.45 0.00	25.39 0.45 0.00	24.75 0.50 0.00	23.27 0.49 0.00	25.56 0.60 0.00	42.67 0.91 0.00	46.81 0.71 0.00	47.02 0.60 0.00	46.97 0.63 0.00	47.93 0.67 0.00	48.33 0.92 0.00	47.08 1.02 0.00	48.63 1.17 0.00	60.76 2.12 -0.34	83.83 3.52 -1.10	105.46 4.87 -1.24	85.27 4.15 -0.49	70.04 2.38 -0.07	53.59 1.20 0.00
BORALEX_4TH_BRANCH 23824	39.06 1.38 0.00	33.28 1.45 0.00	28.51 1.43 0.00	24.09 1.31 0.00	25.65 1.41 0.00	27.52 1.42 0.00	26.46 1.52 0.00	25.74 1.50 0.00	24.38 1.26 -0.34	26.32 1.12 -0.24	43.14 1.38 0.00	47.46 1.35 0.00	47.81 1.40 0.00	47.84 1.50 0.00	49.07 1.80 0.00	49.66 2.24 0.00	50.24 2.80 -1.38	50.40 2.95 0.00	62.12 3.81 0.00	97.50 4.55 -13.75	103.90 4.56 0.00	84.05 3.42 0.00	70.21 2.63 0.00	54.48 2.09 0.00
BOWLINE___1 23526	38.89 1.20 0.00	32.97 1.14 0.00	28.15 1.07 0.00	23.74 0.96 0.00	25.25 1.01 0.00	27.23 1.13 0.00	26.34 1.40 0.00	25.62 1.37 0.00	20.68 1.29 3.39	24.03 1.40 2.33	44.24 2.47 0.00	48.84 2.73 0.00	49.38 2.96 0.00	49.32 2.98 0.00	50.25 2.99 0.00	50.74 3.32 0.00	50.13 3.86 -0.21	51.38 3.92 0.00	62.68 4.38 0.00	85.90 4.85 -1.84	104.10 4.75 0.00	83.77 3.13 0.00	69.53 1.94 0.00	53.76 1.37 0.00
BOWLINE___2 23595	38.87 1.18 0.00	32.96 1.12 0.00	28.15 1.07 0.00	23.74 0.96 0.00	25.25 1.01 0.00	27.23 1.13 0.00	26.33 1.39 0.00	25.60 1.35 0.00	20.65 1.27 3.40	24.00 1.37 2.33	44.17 2.40 0.00	48.76 2.66 0.00	49.29 2.87 0.00	49.24 2.90 0.00	50.19 2.93 0.00	50.66 3.25 0.00	50.05 3.78 -0.21	51.30 3.84 0.00	62.59 4.28 0.00	85.76 4.71 -1.84	103.91 4.56 0.00	83.62 2.98 0.00	69.40 1.82 0.00	53.68 1.30 0.00
BRADY___115KV_TB2 356060	38.65 0.96 0.00	32.55 0.71 0.00	27.53 0.45 0.00	23.09 0.30 0.00	24.50 0.26 0.00	26.43 0.33 0.00	25.03 0.09 0.00	24.24 -0.01 0.00	22.64 -0.14 0.00	24.77 -0.19 0.00	41.25 -0.52 0.00	45.37 -0.73 0.00	45.33 -1.09 0.00	45.02 -1.32 0.00	45.91 -1.36 0.00	45.85 -1.57 0.00	43.43 -2.63 0.00	44.82 -2.64 0.00	55.24 -3.06 0.01	76.70 -2.51 0.00	98.86 -0.49 0.00	80.80 0.17 0.00	68.49 0.90 0.00	53.32 0.93 0.00
BRANSCOMB___SOLAR 323811	39.24 1.56 0.00	33.31 1.48 0.00	28.43 1.35 0.00	23.99 1.21 0.00	25.54 1.30 0.00	27.48 1.38 0.00	26.40 1.46 0.00	25.66 1.42 0.00	23.93 1.15 0.00	25.97 1.00 0.00	43.17 1.40 0.00	47.62 1.51 0.00	48.02 1.60 0.00	48.10 1.77 0.00	49.32 2.05 0.00	49.88 2.46 0.00	50.24 3.05 -1.13	50.82 3.36 0.00	62.98 4.67 0.00	103.86 6.19 -18.46	105.83 6.48 0.00	85.46 4.83 0.00	71.13 3.54 0.00	54.96 2.57 0.00
BRDGHMPT_69_KV_BK1 55812	39.93 2.24 0.00	33.93 2.10 0.00	28.87 1.80 0.00	24.31 1.53 0.00	25.82 1.58 0.00	28.01 1.91 0.00	27.21 2.28 0.00	26.53 2.28 0.00	27.10 1.98 -2.34	28.61 2.04 -1.61	46.12 4.35 0.00	50.12 4.01 0.00	50.43 4.01 0.00	50.60 4.26 0.00	51.37 4.10 0.00	51.50 4.34 0.25	49.37 4.64 1.33	57.28 4.83 -5.00	67.24 5.50 -3.43	88.45 5.59 -3.66	60.27 4.69 43.77	76.74 2.99 6.89	43.82 1.50 25.27	51.21 1.08 2.26

BRENTWOD_69_KV_W. BRTWOOD 56703	39.47 1.79 0.00	33.61 1.78 0.00	28.64 1.56 0.00	24.14 1.36 0.00	25.64 1.40 0.00	27.74 1.64 0.00	26.91 1.97 0.00	26.18 1.93 0.00	26.72 1.61 -2.34	28.18 1.60 -1.61	45.39 3.62 0.00	49.17 3.07 0.00	49.61 3.19 0.00	49.73 3.39 0.00	50.56 3.29 0.00	50.87 3.77 0.32	50.32 4.24 -0.03	99.11 4.39 -47.27	97.49 4.97 -34.22	121.48 5.30 -36.98	61.19 4.72 42.88	77.20 3.32 6.74	44.56 1.75 24.77	51.43 1.25 2.21
BRISTLHL_115KV_TB1 79998	37.19 -0.50 0.00	31.34 -0.49 0.00	26.64 -0.44 0.00	22.43 -0.35 0.00	23.87 -0.37 0.00	25.73 -0.37 0.00	24.66 -0.28 0.00	23.98 -0.27 0.00	22.56 -0.21 0.00	24.79 -0.18 0.00	41.51 -0.25 0.00	45.92 -0.18 0.00	46.25 -0.17 0.00	46.24 -0.10 0.00	47.17 -0.10 0.00	47.52 0.10 0.00	46.40 0.34 0.00	47.93 0.47 0.00	61.85 0.67 -2.87	89.81 1.13 -9.47	111.20 1.15 -10.70	85.31 0.45 -4.23	68.06 -0.16 -0.63	51.97 -0.41 0.00
BROOKHAVEN___DRP 24191	39.08 1.40 0.00	33.28 1.45 0.00	28.35 1.27 0.00	23.89 1.10 0.00	25.36 1.13 0.00	27.48 1.38 0.00	26.65 1.72 0.00	25.94 1.69 0.00	26.47 1.36 -2.34	27.91 1.33 -1.61	44.83 3.06 0.00	48.64 2.54 0.00	49.08 2.66 0.00	49.21 2.87 0.00	50.07 2.80 0.00	50.42 3.25 0.25	48.39 3.64 1.30	56.12 3.78 -4.88	65.90 4.25 -3.34	86.96 4.19 -3.56	58.87 3.31 43.79	75.77 2.03 6.89	43.05 0.75 25.28	50.64 0.51 2.26
BROOKLYN_NAVY_YARD 23515	39.32 1.63 0.00	33.35 1.52 0.00	28.47 1.39 0.00	23.98 1.20 0.00	25.50 1.26 0.00	27.53 1.43 0.00	26.71 1.78 0.00	26.03 1.78 0.00	26.86 1.74 -2.35	28.51 1.93 -1.62	45.03 3.26 0.00	49.66 3.56 0.00	50.13 3.72 0.00	50.07 3.74 0.00	51.02 3.75 0.00	51.53 4.11 0.00	51.00 4.72 -0.22	52.38 4.63 -0.30	63.73 5.04 -0.38	87.21 5.56 -2.45	105.74 5.36 -1.04	84.54 3.62 -0.28	70.04 2.45 0.00	54.25 1.86 0.00
BROOKLYN___ARMY_DRP 323595	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
BROOME_2_LFGE 323671	37.78 0.09 0.00	31.80 -0.03 0.00	27.10 0.02 0.00	22.83 0.04 0.00	24.30 0.06 0.00	26.20 0.10 0.00	25.17 0.23 0.00	24.42 0.17 0.00	23.03 0.26 0.00	25.30 0.34 0.00	42.56 0.79 0.00	47.26 1.15 0.00	47.60 1.18 0.00	47.56 1.22 0.00	48.33 1.06 0.00	48.75 1.33 0.00	47.70 1.65 0.00	49.29 1.83 0.00	61.32 2.37 -0.64	85.38 3.30 -2.88	105.32 3.57 -2.40	83.68 2.09 -0.95	68.76 1.03 -0.14	52.89 0.50 0.00
BROOME___LFGE 323600	37.78 0.09 0.00	31.80 -0.03 0.00	27.10 0.02 0.00	22.83 0.04 0.00	24.30 0.06 0.00	26.20 0.10 0.00	25.17 0.23 0.00	24.42 0.17 0.00	23.03 0.26 0.00	25.30 0.34 0.00	42.56 0.79 0.00	47.26 1.15 0.00	47.60 1.18 0.00	47.56 1.22 0.00	48.33 1.06 0.00	48.75 1.33 0.00	47.70 1.65 0.00	49.29 1.83 0.00	61.32 2.37 -0.64	85.38 3.30 -2.88	105.32 3.57 -2.40	83.68 2.09 -0.95	68.76 1.03 -0.14	52.89 0.50 0.00
BROWNFLS_115KV_TB 3_5 80003	38.26 0.57 0.00	32.14 0.30 0.00	27.17 0.09 0.00	22.87 0.08 0.00	24.24 0.00 0.00	26.16 0.06 0.00	24.82 -0.11 0.00	24.19 -0.06 0.00	22.70 -0.07 0.00	24.94 -0.03 0.00	41.32 -0.44 0.00	45.01 -1.09 0.00	44.78 -1.64 0.00	44.63 -1.71 0.00	45.57 -1.70 0.00	45.96 -1.45 0.00	44.05 -2.00 0.00	45.40 -2.06 0.00	57.12 -1.70 -0.51	79.78 -1.02 -1.59	101.94 0.79 -1.80	82.96 1.62 -0.71	68.50 0.81 -0.11	52.59 0.20 0.00
BROWNSV1_27_KV_LOAD 356125	39.82 2.13 0.00	33.76 1.93 0.00	28.80 1.72 0.00	24.25 1.47 0.00	25.79 1.55 0.00	27.86 1.76 0.00	27.04 2.10 0.00	26.34 2.09 0.00	27.15 2.03 -2.35	28.84 2.26 -1.62	45.64 3.87 0.00	50.34 4.24 0.00	50.85 4.43 0.00	50.80 4.46 0.00	51.77 4.50 0.00	52.29 4.88 0.00	51.78 5.50 -0.22	52.91 5.45 0.00	64.35 6.04 0.00	87.99 6.88 -1.90	106.43 7.08 0.00	85.61 4.97 0.00	71.06 3.47 0.00	55.01 2.62 0.00
BURROWS___LYONSDAL 23803	38.34 0.65 0.00	32.23 0.40 0.00	27.30 0.23 0.00	23.05 0.26 0.00	24.50 0.27 0.00	26.42 0.32 0.00	25.23 0.30 0.00	24.62 0.37 0.00	23.16 0.38 0.00	25.46 0.49 0.00	42.47 0.70 0.00	46.43 0.33 0.00	46.56 0.14 0.00	46.53 0.19 0.00	47.51 0.24 0.00	47.99 0.57 0.00	46.68 0.62 0.00	48.17 0.71 0.00	60.42 1.70 -0.41	83.65 3.11 -1.34	105.50 4.64 -1.51	85.42 4.18 -0.60	69.88 2.21 -0.09	53.30 0.91 0.00
CAITHNESS_CC_1 323624	39.06 1.37 0.00	33.27 1.43 0.00	28.34 1.27 0.00	23.89 1.10 0.00	25.36 1.13 0.00	27.47 1.37 0.00	26.64 1.71 0.00	25.93 1.68 0.00	26.46 1.35 -2.34	27.88 1.31 -1.61	44.75 2.98 0.00	48.61 2.51 0.00	49.05 2.63 0.00	49.18 2.84 0.00	50.03 2.76 0.00	50.40 3.23 0.24	48.34 3.56 1.28	55.90 3.68 -4.76	65.67 4.11 -3.25	86.69 4.02 -3.47	58.65 3.11 43.81	75.67 1.93 6.90	42.94 0.65 25.29	50.63 0.50 2.26
CALPINE BETH_PAGE_GT4 24209	39.20 1.51 0.00	33.30 1.47 0.00	28.47 1.39 0.00	23.99 1.21 0.00	25.48 1.25 0.00	27.56 1.46 0.00	26.71 1.77 0.00	25.93 1.68 0.00	26.59 1.48 -2.34	28.11 1.53 -1.61	44.98 3.22 0.00	48.94 2.84 0.00	49.49 3.08 0.00	49.48 3.15 0.00	50.40 3.13 0.00	51.00 3.59 0.00	50.45 4.06 -0.33	53.39 4.12 -1.81	63.87 4.58 -0.98	85.44 4.76 -1.47	70.74 4.17 32.78	78.63 2.85 4.85	51.05 1.47 18.00	51.90 1.12 1.61
CALPINE_BETH_PAGE_GT_4 323586	39.20 1.51 0.00	33.29 1.46 0.00	28.47 1.39 0.00	23.99 1.21 0.00	25.48 1.25 0.00	27.56 1.46 0.00	26.71 1.77 0.00	25.93 1.68 0.00	26.60 1.49 -2.34	28.10 1.53 -1.61	44.94 3.18 0.00	48.95 2.85 0.00	49.51 3.09 0.00	49.49 3.16 0.00	50.41 3.15 0.00	51.05 3.63 0.00	50.45 4.06 -0.33	53.38 4.12 -1.81	63.85 4.57 -0.98	85.40 4.73 -1.47	70.68 4.11 32.78	78.64 2.86 4.85	51.02 1.44 18.00	51.92 1.14 1.61
CALPINE_BP_GT1 23823	39.20 1.51 0.00	33.29 1.46 0.00	28.47 1.39 0.00	23.99 1.21 0.00	25.48 1.25 0.00	27.56 1.46 0.00	26.71 1.77 0.00	25.93 1.68 0.00	26.60 1.49 -2.34	28.10 1.53 -1.61	44.94 3.18 0.00	48.95 2.85 0.00	49.51 3.09 0.00	49.49 3.16 0.00	50.41 3.15 0.00	51.05 3.63 0.00	50.45 4.06 -0.33	53.38 4.12 -1.81	63.85 4.57 -0.98	85.40 4.73 -1.47	70.68 4.11 32.78	78.64 2.86 4.85	51.02 1.44 18.00	51.92 1.14 1.61
CALSPAN___DRP 24200	37.54 -0.15 0.00	31.39 -0.44 0.00	26.40 -0.68 0.00	22.21 -0.57 0.00	23.60 -0.64 0.00	25.41 -0.69 0.00	24.30 -0.64 0.00	23.33 -0.92 0.00	22.34 -0.44 0.00	25.02 0.05 0.00	42.37 0.61 0.00	47.54 1.44 0.00	47.88 1.46 0.00	47.63 1.29 0.00	48.28 1.01 0.00	48.66 1.25 0.00	47.86 1.80 0.00	49.70 2.24 0.00	60.77 2.46 0.00	83.64 4.43 0.00	104.69 5.34 0.00	82.67 2.04 0.00	68.42 0.83 0.00	52.44 0.05 0.00

CALVERTON___SOLAR 323806	39.15 1.46 0.00	33.33 1.50 0.00	28.38 1.31 0.00	23.92 1.13 0.00	25.40 1.16 0.00	27.51 1.41 0.00	26.70 1.77 0.00	25.99 1.74 0.00	26.53 1.42 -2.34	27.96 1.39 -1.61	44.88 3.12 0.00	48.77 2.67 0.00	49.20 2.79 0.00	49.36 3.02 0.00	50.23 2.96 0.00	50.59 3.42 0.25	48.52 3.77 1.31	56.31 3.94 -4.91	66.12 4.44 -3.37	87.20 4.41 -3.59	59.08 3.52 43.78	75.96 2.22 6.89	43.16 0.85 25.28	50.74 0.61 2.26
CANDIGU_WT_PWR 323617	37.16 -0.53 0.00	31.00 -0.83 0.00	26.30 -0.78 0.00	22.13 -0.65 0.00	23.57 -0.67 0.00	25.41 -0.68 0.00	24.37 -0.57 0.00	23.51 -0.74 0.00	22.34 -0.44 0.00	24.69 -0.27 0.00	41.48 -0.29 0.00	46.32 0.22 0.00	46.74 0.32 0.00	46.65 0.31 0.00	47.16 -0.10 0.00	47.59 0.17 0.00	46.66 0.60 0.00	48.38 0.92 0.00	60.06 1.38 -0.37	84.24 3.32 -1.72	104.73 4.00 -1.38	82.26 1.08 -0.55	67.29 -0.37 -0.08	51.45 -0.94 0.00
CARR STREET_E_SYR 24060	37.45 -0.24 0.00	31.56 -0.27 0.00	26.82 -0.25 0.00	22.59 -0.19 0.00	24.04 -0.20 0.00	25.91 -0.19 0.00	24.85 -0.09 0.00	24.15 -0.09 0.00	22.75 -0.02 0.00	25.02 0.06 0.00	41.99 0.22 0.00	46.52 0.41 0.00	46.89 0.47 0.00	46.84 0.51 0.00	47.77 0.50 0.00	48.12 0.70 0.00	47.01 0.96 0.00	48.57 1.11 0.00	60.60 1.43 -0.87	84.17 2.11 -2.86	104.85 2.27 -3.23	83.17 1.26 -1.27	68.27 0.49 -0.19	52.46 0.07 0.00
CARTHAGE___PAPER 23857	38.63 0.95 0.00	32.38 0.55 0.00	27.35 0.27 0.00	23.09 0.30 0.00	24.57 0.33 0.00	26.53 0.44 0.00	25.28 0.34 0.00	24.66 0.41 0.00	23.15 0.37 0.00	25.48 0.52 0.00	42.25 0.48 0.00	45.70 -0.41 0.00	45.23 -1.19 0.00	45.06 -1.28 0.00	45.94 -1.33 0.00	46.78 -0.64 0.00	45.10 -0.96 0.00	46.47 -0.99 0.00	59.74 0.40 -1.03	84.52 1.97 -3.34	107.96 4.83 -3.78	88.21 6.08 -1.49	71.10 3.29 -0.22	53.81 1.42 0.00
CASSADAGA_WT_PWR 323784	37.42 -0.27 0.00	30.98 -0.85 0.00	26.16 -0.91 0.00	21.90 -0.88 0.00	23.33 -0.91 0.00	25.06 -1.04 0.00	24.22 -0.72 0.00	23.28 -0.97 0.00	22.76 -0.01 0.00	25.47 0.51 0.00	43.32 1.55 0.00	48.94 2.84 0.00	49.23 2.81 0.00	48.62 2.28 0.00	49.18 1.91 0.00	49.58 2.17 0.00	48.61 2.55 0.00	50.45 2.99 0.00	61.98 3.67 0.00	85.45 6.24 0.00	106.03 6.68 0.00	82.47 1.84 0.00	68.09 0.50 0.00	52.62 0.23 0.00
CE_DUNWOOD___DRP 24194	39.15 1.46 0.00	33.20 1.37 0.00	28.35 1.27 0.00	23.90 1.12 0.00	25.41 1.17 0.00	27.42 1.32 0.00	26.55 1.61 0.00	25.85 1.60 0.00	26.74 1.53 -2.44	28.29 1.65 -1.68	44.65 2.88 0.00	49.22 3.12 0.00	49.72 3.30 0.00	49.68 3.34 0.00	50.64 3.38 0.00	51.13 3.71 0.00	50.54 4.26 -0.22	51.74 4.28 0.00	63.09 4.79 0.00	86.41 5.31 -1.90	104.57 5.22 0.00	84.17 3.54 0.00	69.87 2.29 0.00	54.07 1.69 0.00
CE_MILLWOOD___DRP 24193	39.06 1.37 0.00	33.12 1.29 0.00	28.28 1.20 0.00	23.84 1.06 0.00	25.36 1.12 0.00	27.36 1.26 0.00	26.47 1.54 0.00	25.76 1.52 0.00	26.69 1.45 -2.47	28.23 1.56 -1.70	44.49 2.72 0.00	49.06 2.96 0.00	49.57 3.15 0.00	49.52 3.18 0.00	50.48 3.21 0.00	50.97 3.55 0.00	50.38 4.10 -0.22	51.58 4.13 0.00	62.92 4.61 0.00	86.21 5.11 -1.89	104.39 5.04 0.00	84.01 3.38 0.00	69.75 2.17 0.00	53.97 1.58 0.00
CE_NYC2_DRP 24202	39.23 1.55 0.00	33.35 1.52 0.00	28.46 1.38 0.00	23.93 1.15 0.00	25.45 1.22 0.00	27.51 1.41 0.00	26.74 1.81 0.00	26.07 1.82 0.00	26.88 1.76 -2.35	28.54 1.96 -1.61	45.02 3.25 0.00	49.54 3.43 0.00	50.03 3.61 0.00	49.92 3.58 0.00	50.78 3.51 0.00	51.20 3.78 0.00	50.68 4.40 -0.22	51.76 4.31 0.00	53.11 4.62 9.81	59.78 4.95 24.38	66.64 4.67 37.38	52.52 3.08 31.20	47.06 1.92 22.45	49.03 1.47 4.83
CE_NYC_DRP 24195	39.40 1.71 0.00	33.41 1.58 0.00	28.51 1.43 0.00	24.02 1.24 0.00	25.55 1.31 0.00	27.59 1.49 0.00	26.77 1.83 0.00	26.07 1.82 0.00	26.89 1.76 -2.35	28.54 1.96 -1.62	45.13 3.36 0.00	49.76 3.65 0.00	50.25 3.83 0.00	50.18 3.84 0.00	51.15 3.88 0.00	51.64 4.22 0.00	51.12 4.83 -0.22	52.22 4.76 0.00	63.50 5.19 0.00	86.79 5.69 -1.90	104.90 5.55 0.00	84.39 3.76 0.00	70.08 2.49 0.00	54.30 1.91 0.00
CHAFFEE___LFGE 323603	37.74 0.05 0.00	31.57 -0.26 0.00	26.55 -0.53 0.00	22.35 -0.43 0.00	23.74 -0.50 0.00	25.58 -0.52 0.00	24.46 -0.47 0.00	23.50 -0.74 0.00	22.52 -0.26 0.00	25.18 0.21 0.00	42.64 0.87 0.00	47.84 1.73 0.00	48.20 1.78 0.00	47.96 1.62 0.00	48.63 1.36 0.00	49.02 1.60 0.00	48.28 2.22 0.00	50.18 2.72 0.00	61.35 3.05 0.00	84.44 5.23 0.00	105.68 6.32 0.00	83.39 2.76 0.00	68.95 1.37 0.00	52.74 0.35 0.00
CHATEAUG_35_KV_LOAD 355732	37.67 -0.02 0.00	31.71 -0.13 0.00	26.84 -0.24 0.00	22.50 -0.29 0.00	23.84 -0.39 0.00	25.69 -0.41 0.00	24.37 -0.57 0.00	23.71 -0.54 0.00	22.11 -0.67 0.00	24.19 -0.78 0.00	40.35 -1.41 0.00	44.32 -1.78 0.00	44.31 -2.11 0.00	44.14 -2.20 0.00	45.08 -2.18 0.00	45.07 -2.35 0.00	43.21 -2.85 0.00	44.52 -2.94 0.00	54.89 -3.41 0.00	75.48 -3.73 0.00	95.82 -3.53 0.00	77.63 -3.01 0.00	65.63 -1.96 0.00	51.19 -1.20 0.00
CHATEAUG_WT_PWR 323614	37.66 -0.03 0.00	31.69 -0.14 0.00	26.85 -0.23 0.00	22.50 -0.28 0.00	23.85 -0.39 0.00	25.69 -0.41 0.00	24.39 -0.55 0.00	23.74 -0.51 0.00	22.15 -0.62 0.00	24.22 -0.74 0.00	40.42 -1.35 0.00	44.38 -1.72 0.00	44.36 -2.06 0.00	44.22 -2.12 0.00	45.15 -2.11 0.00	45.16 -2.25 0.00	43.35 -2.71 0.00	44.67 -2.79 0.00	55.08 -3.23 0.00	75.58 -3.62 0.00	95.57 -3.78 0.00	77.43 -3.20 0.00	65.42 -2.17 0.00	51.02 -1.37 0.00
CHAT_HIGH_FALL_HYD 323578	37.67 -0.02 0.00	31.71 -0.13 0.00	26.84 -0.24 0.00	22.50 -0.29 0.00	23.84 -0.39 0.00	25.69 -0.41 0.00	24.37 -0.57 0.00	23.71 -0.54 0.00	22.11 -0.67 0.00	24.19 -0.78 0.00	40.35 -1.41 0.00	44.32 -1.78 0.00	44.31 -2.11 0.00	44.14 -2.20 0.00	45.08 -2.18 0.00	45.07 -2.35 0.00	43.21 -2.85 0.00	44.52 -2.94 0.00	54.89 -3.41 0.00	75.48 -3.73 0.00	95.82 -3.53 0.00	77.63 -3.01 0.00	65.63 -1.96 0.00	51.19 -1.20 0.00
CHAUTAUQUA___LFGE 323629	37.42 -0.27 0.00	31.12 -0.71 0.00	26.28 -0.80 0.00	22.06 -0.72 0.00	23.50 -0.74 0.00	25.27 -0.83 0.00	24.28 -0.66 0.00	23.25 -0.99 0.00	22.44 -0.33 0.00	25.05 0.08 0.00	42.70 0.93 0.00	48.12 2.02 0.00	48.37 1.95 0.00	48.10 1.76 0.00	48.64 1.38 0.00	49.07 1.66 0.00	48.22 2.16 0.00	50.19 2.73 0.00	61.60 3.29 0.00	84.76 5.55 0.00	105.76 6.41 0.00	82.90 2.27 0.00	68.38 0.79 0.00	52.61 0.22 0.00
CHERRYST_13_KV_LD 356241	39.52 1.83 0.00	33.51 1.68 0.00	28.58 1.51 0.00	24.08 1.30 0.00	25.62 1.38 0.00	27.68 1.58 0.00	26.86 1.93 0.00	26.16 1.92 0.00	26.99 1.86 -2.35	28.67 2.08 -1.62	45.34 3.58 0.00	50.01 3.90 0.00	50.50 4.08 0.00	50.44 4.10 0.00	51.39 4.12 0.00	51.90 4.48 0.00	51.37 5.09 -0.22	52.48 5.02 0.00	63.79 5.49 0.00	87.15 6.05 -1.90	105.34 5.99 0.00	84.73 4.09 0.00	70.34 2.76 0.00	54.47 2.08 0.00

CHESTROR_138KV_BK263 355645	38.75 1.06 0.00	32.83 1.00 0.00	28.03 0.95 0.00	23.63 0.85 0.00	25.14 0.90 0.00	27.10 1.01 0.00	26.17 1.23 0.00	25.46 1.22 0.00	21.76 1.15 2.17	24.70 1.23 1.49	43.92 2.16 0.00	48.47 2.36 0.00	48.98 2.56 0.00	48.95 2.61 0.00	49.91 2.65 0.00	50.37 2.95 0.00	49.71 3.47 -0.18	51.01 3.55 0.00	62.37 4.05 0.00	85.58 4.61 -1.77	103.96 4.61 0.00	83.68 3.05 0.00	69.50 1.92 0.00	53.74 1.35 0.00
CH_MIDHUDSON___DRP 24192	39.04 1.35 0.00	33.10 1.26 0.00	28.26 1.19 0.00	23.86 1.08 0.00	25.38 1.14 0.00	27.36 1.26 0.00	26.45 1.52 0.00	25.76 1.51 0.00	24.21 1.44 0.00	26.50 1.54 0.00	44.35 2.59 0.00	48.92 2.82 0.00	49.42 3.01 0.00	49.43 3.09 0.00	50.45 3.19 0.00	50.97 3.56 0.00	50.40 4.14 -0.20	51.71 4.25 0.00	63.23 4.92 0.00	86.89 5.66 -2.03	105.04 5.69 0.00	84.53 3.89 0.00	70.16 2.57 0.00	54.26 1.87 0.00
CH_MISC_IPPS 23765	39.29 1.60 0.00	33.29 1.46 0.00	28.41 1.33 0.00	23.97 1.19 0.00	25.49 1.26 0.00	27.49 1.39 0.00	26.58 1.64 0.00	25.88 1.64 0.00	24.33 1.56 0.00	26.65 1.68 0.00	44.64 2.87 0.00	49.28 3.17 0.00	49.83 3.41 0.00	49.85 3.51 0.00	50.87 3.61 0.00	51.42 4.01 0.00	50.83 4.59 -0.18	52.18 4.73 0.00	63.81 5.50 0.00	87.64 6.45 -1.98	106.04 6.69 0.00	85.28 4.64 0.00	70.73 3.15 0.00	54.63 2.24 0.00
CH_RES_BVR_FALLS 23983	37.39 -0.30 0.00	31.53 -0.30 0.00	26.77 -0.31 0.00	22.49 -0.29 0.00	23.92 -0.31 0.00	25.75 -0.35 0.00	24.50 -0.44 0.00	23.89 -0.35 0.00	22.48 -0.29 0.00	24.70 -0.26 0.00	41.33 -0.43 0.00	45.47 -0.63 0.00	45.67 -0.75 0.00	45.51 -0.83 0.00	46.41 -0.85 0.00	46.41 -1.00 0.00	44.79 -1.26 0.00	46.07 -1.39 0.00	56.67 -1.63 0.00	77.18 -2.02 0.00	96.98 -2.37 0.00	79.02 -1.61 0.00	66.53 -1.06 0.00	51.68 -0.71 0.00
CH_RES_NIAGARA 23895	36.60 -1.09 0.00	30.74 -1.10 0.00	25.81 -1.26 0.00	21.75 -1.03 0.00	23.09 -1.14 0.00	24.84 -1.26 0.00	23.70 -1.23 0.00	22.67 -1.57 0.00	21.66 -1.12 0.00	24.32 -0.64 0.00	41.15 -0.62 0.00	46.11 0.01 0.00	46.40 -0.02 0.00	46.08 -0.26 0.00	46.76 -0.50 0.00	47.05 -0.37 0.00	46.14 0.09 0.00	47.59 0.13 0.00	57.97 -0.34 0.00	79.74 0.53 0.00	99.93 0.58 0.00	79.10 -1.53 0.00	65.93 -1.65 0.00	50.93 -1.46 0.00
CH_RES_SYRACUSE 23985	37.67 -0.02 0.00	31.74 -0.09 0.00	26.96 -0.11 0.00	22.72 -0.06 0.00	24.16 -0.08 0.00	26.05 -0.06 0.00	25.00 0.06 0.00	24.30 0.05 0.00	22.86 0.08 0.00	25.11 0.15 0.00	42.08 0.32 0.00	46.58 0.47 0.00	46.95 0.53 0.00	46.84 0.51 0.00	47.87 0.60 0.00	48.32 0.90 0.00	47.21 1.15 0.00	48.80 1.34 0.00	61.64 1.75 -1.58	87.01 2.59 -5.21	108.17 2.93 -5.89	84.73 1.77 -2.33	68.86 0.92 -0.35	52.77 0.38 0.00
CLINTON_WT_PWR 323605	37.66 -0.03 0.00	31.69 -0.14 0.00	26.85 -0.23 0.00	22.50 -0.28 0.00	23.85 -0.39 0.00	25.69 -0.41 0.00	24.39 -0.55 0.00	23.74 -0.51 0.00	22.15 -0.62 0.00	24.22 -0.74 0.00	40.42 -1.35 0.00	44.38 -1.72 0.00	44.36 -2.06 0.00	44.22 -2.12 0.00	45.15 -2.11 0.00	45.16 -2.25 0.00	43.35 -2.71 0.00	44.67 -2.79 0.00	55.08 -3.23 0.00	75.58 -3.62 0.00	95.57 -3.78 0.00	77.43 -3.20 0.00	65.42 -2.17 0.00	51.02 -1.37 0.00
CLINTON___LFGE 323618	38.24 0.56 0.00	32.14 0.31 0.00	27.23 0.15 0.00	22.84 0.05 0.00	24.20 -0.04 0.00	26.04 -0.06 0.00	24.74 -0.19 0.00	24.05 -0.20 0.00	22.37 -0.40 0.00	24.40 -0.57 0.00	40.74 -1.02 0.00	44.76 -1.35 0.00	44.72 -1.70 0.00	44.58 -1.76 0.00	45.54 -1.73 0.00	45.59 -1.83 0.00	43.82 -2.24 0.00	45.20 -2.26 0.00	55.77 -2.54 0.00	76.69 -2.52 0.00	96.95 -2.39 0.00	78.40 -2.24 0.00	66.20 -1.39 0.00	51.57 -0.81 0.00
COBBLENY_34_KV_TB1 80064	37.75 0.06 0.00	31.57 -0.26 0.00	26.54 -0.53 0.00	22.35 -0.44 0.00	23.74 -0.50 0.00	25.56 -0.54 0.00	24.46 -0.47 0.00	23.50 -0.74 0.00	22.51 -0.26 0.00	25.18 0.21 0.00	42.64 0.88 0.00	47.84 1.73 0.00	48.20 1.78 0.00	47.98 1.64 0.00	48.62 1.36 0.00	49.02 1.60 0.00	48.28 2.23 0.00	50.17 2.71 0.00	61.35 3.04 0.00	84.42 5.21 0.00	105.64 6.29 0.00	83.39 2.76 0.00	68.94 1.35 0.00	52.74 0.35 0.00
COFFEEN___115KV_TB3 355620	38.94 1.25 0.00	32.63 0.80 0.00	27.56 0.48 0.00	23.26 0.47 0.00	24.80 0.57 0.00	26.81 0.71 0.00	25.58 0.65 0.00	24.91 0.66 0.00	23.37 0.59 0.00	25.79 0.82 0.00	42.76 1.00 0.00	46.35 0.24 0.00	46.11 -0.31 0.00	46.39 0.05 0.00	47.27 0.00 0.00	48.24 0.82 0.00	46.55 0.50 0.00	47.93 0.47 0.00	61.85 2.29 -1.25	88.28 4.98 -4.09	113.05 9.08 -4.62	90.72 8.26 -1.83	72.57 4.71 -0.27	54.74 2.35 0.00
COLDSPRG_115KV_BK1 355956	38.06 0.37 0.00	31.67 -0.16 0.00	26.78 -0.30 0.00	22.49 -0.29 0.00	23.94 -0.30 0.00	25.79 -0.31 0.00	24.88 -0.05 0.00	24.07 -0.18 0.00	23.27 0.50 0.00	25.96 1.00 0.00	43.95 2.18 0.00	49.45 3.35 0.00	49.76 3.35 0.00	49.01 2.67 0.00	49.45 2.19 0.00	49.89 2.47 0.00	49.00 2.95 0.00	50.78 3.32 0.00	62.26 3.95 0.00	85.61 6.41 0.00	106.71 7.36 0.00	83.83 3.20 0.00	69.52 1.94 0.00	53.46 1.07 0.00
COLONIE_LFGE___ 323577	38.65 0.96 0.00	32.84 1.00 0.00	28.09 1.01 0.00	23.72 0.93 0.00	25.24 1.00 0.00	27.13 1.03 0.00	26.06 1.13 0.00	25.35 1.11 0.00	23.71 0.93 0.00	25.81 0.85 0.00	42.94 1.18 0.00	47.30 1.20 0.00	47.72 1.30 0.00	47.73 1.39 0.00	48.86 1.60 0.00	49.30 1.88 0.00	50.04 2.38 -1.61	49.99 2.53 0.00	61.57 3.26 0.00	99.33 4.02 -16.11	103.34 3.99 0.00	83.55 2.91 0.00	69.69 2.11 0.00	53.97 1.58 0.00
COOPERNY_115KV_TB1 80082	38.48 0.79 0.00	32.58 0.75 0.00	27.80 0.72 0.00	23.43 0.65 0.00	24.92 0.69 0.00	26.87 0.77 0.00	25.90 0.97 0.00	25.19 0.94 0.00	22.71 0.91 0.97	25.29 0.99 0.67	43.54 1.78 0.00	48.04 1.93 0.00	48.52 2.11 0.00	48.48 2.14 0.00	49.42 2.16 0.00	49.81 2.39 0.00	48.97 2.81 -0.11	50.36 2.91 0.00	61.63 3.32 0.00	84.51 3.81 -1.50	103.09 3.75 0.00	83.09 2.46 0.00	69.09 1.51 0.00	53.44 1.06 0.00
COPENHAGEN_WT_PWR 323753	38.05 0.36 0.00	31.89 0.06 0.00	26.91 -0.17 0.00	22.73 -0.05 0.00	24.23 0.00 0.00	26.17 0.07 0.00	24.99 0.06 0.00	24.38 0.13 0.00	22.94 0.16 0.00	25.36 0.39 0.00	42.02 0.25 0.00	45.62 -0.49 0.00	45.38 -1.04 0.00	45.66 -0.67 0.00	46.59 -0.68 0.00	47.62 0.20 0.00	45.99 -0.07 0.00	47.29 -0.16 0.00	61.02 1.40 -1.31	86.81 3.31 -4.29	110.59 6.39 -4.85	88.38 5.83 -1.92	70.45 2.58 -0.29	53.12 0.73 0.00
CORNELL_____ 23752	38.34 0.66 0.00	32.26 0.43 0.00	27.41 0.34 0.00	23.09 0.31 0.00	24.57 0.33 0.00	26.50 0.41 0.00	25.47 0.54 0.00	24.71 0.47 0.00	23.23 0.45 0.00	25.45 0.48 0.00	42.64 0.87 0.00	47.24 1.13 0.00	47.84 1.42 0.00	47.77 1.43 0.00	48.52 1.25 0.00	48.94 1.53 0.00	47.91 1.85 0.00	49.66 2.20 0.00	62.40 3.22 -0.87	87.84 5.15 -3.49	108.75 6.16 -3.24	86.04 4.13 -1.28	70.39 2.61 -0.19	53.93 1.54 0.00

CORONA__69_KV_TB1 355595	39.53 1.85 0.00	33.52 1.69 0.00	28.57 1.50 0.00	24.09 1.31 0.00	25.59 1.35 0.00	27.65 1.56 0.00	26.78 1.85 0.00	26.07 1.83 0.00	26.77 1.66 -2.34	28.34 1.76 -1.61	45.29 3.53 0.00	49.49 3.38 0.00	50.07 3.65 0.00	50.09 3.75 0.00	51.03 3.76 0.00	51.63 4.21 0.00	50.88 4.60 -0.22	52.72 4.65 -0.60	64.28 5.21 -0.76	87.77 5.73 -2.84	106.57 5.58 -1.64	85.20 3.99 -0.57	70.01 2.42 0.00	54.21 1.82 0.00
CORTLAND__115KV_TB3 80093	37.92 0.23 0.00	31.93 0.10 0.00	27.17 0.09 0.00	22.88 0.10 0.00	24.35 0.11 0.00	26.26 0.16 0.00	25.22 0.28 0.00	24.48 0.24 0.00	23.05 0.28 0.00	25.28 0.31 0.00	42.40 0.64 0.00	47.01 0.91 0.00	47.45 1.03 0.00	47.40 1.06 0.00	48.21 0.95 0.00	48.61 1.19 0.00	47.53 1.48 0.00	49.18 1.72 0.00	61.63 2.35 -0.97	86.46 3.55 -3.70	107.05 4.07 -3.64	84.67 2.60 -1.44	69.25 1.45 -0.21	53.16 0.77 0.00
COXSACKIE__GT 23611	39.07 1.38 0.00	33.14 1.30 0.00	28.33 1.26 0.00	23.93 1.14 0.00	25.45 1.21 0.00	27.38 1.28 0.00	26.30 1.37 0.00	25.60 1.35 0.00	23.83 1.07 0.00	25.71 0.75 0.00	42.85 1.08 0.00	47.25 1.14 0.00	47.79 1.38 0.00	47.84 1.50 0.00	48.91 1.64 0.00	49.36 1.94 0.00	46.47 2.57 2.16	50.62 3.16 0.00	62.95 4.64 0.00	93.20 6.63 -7.36	107.14 7.79 0.00	86.43 5.80 0.00	71.71 4.12 0.00	55.27 2.88 0.00
CPV_VALLEY__CC1 323721	38.46 0.77 0.00	32.60 0.76 0.00	27.82 0.75 0.00	23.46 0.68 0.00	24.96 0.71 0.00	26.90 0.80 0.00	25.97 1.03 0.00	25.26 1.01 0.00	22.32 0.97 1.42	25.03 1.04 0.98	43.61 1.85 0.00	48.07 1.97 0.00	48.56 2.14 0.00	48.52 2.18 0.00	49.47 2.21 0.00	49.89 2.47 0.00	49.16 2.94 -0.16	50.46 3.00 0.00	61.68 3.37 0.00	84.57 3.72 -1.64	102.87 3.52 0.00	82.90 2.27 0.00	68.88 1.30 0.00	53.30 0.91 0.00
CPV_VALLEY__CC2 323722	38.46 0.77 0.00	32.60 0.76 0.00	27.82 0.75 0.00	23.46 0.68 0.00	24.96 0.71 0.00	26.90 0.80 0.00	25.97 1.03 0.00	25.26 1.01 0.00	22.32 0.97 1.42	25.03 1.04 0.98	43.61 1.85 0.00	48.07 1.97 0.00	48.56 2.14 0.00	48.52 2.18 0.00	49.47 2.21 0.00	49.89 2.47 0.00	49.16 2.94 -0.16	50.46 3.00 0.00	61.68 3.37 0.00	84.57 3.72 -1.64	102.87 3.52 0.00	82.90 2.27 0.00	68.88 1.30 0.00	53.30 0.91 0.00
CRESCENT__HYD 24018	38.65 0.96 0.00	32.84 1.00 0.00	28.09 1.01 0.00	23.72 0.93 0.00	25.24 1.00 0.00	27.13 1.03 0.00	26.06 1.13 0.00	25.35 1.11 0.00	23.71 0.93 0.00	25.81 0.85 0.00	42.94 1.18 0.00	47.30 1.20 0.00	47.72 1.30 0.00	47.73 1.39 0.00	48.86 1.60 0.00	49.30 1.88 0.00	50.04 2.38 -1.61	49.99 2.53 0.00	61.57 3.26 0.00	99.33 4.02 -16.11	103.34 3.99 0.00	83.55 2.91 0.00	69.69 2.11 0.00	53.97 1.58 0.00
CRICKET__VALLEY_CC1 323756	38.45 0.76 0.00	32.67 0.84 0.00	27.93 0.86 0.00	23.63 0.84 0.00	25.14 0.90 0.00	27.08 0.98 0.00	26.19 1.25 0.00	25.50 1.26 0.00	24.72 1.17 -0.77	26.69 1.20 -0.53	43.67 1.91 0.00	48.05 1.95 0.00	48.51 2.09 0.00	48.43 2.09 0.00	49.49 2.23 0.00	50.00 2.58 0.00	49.57 3.21 -0.31	50.73 3.27 0.00	62.07 3.76 0.00	85.59 4.08 -2.31	103.10 3.75 0.00	83.08 2.45 0.00	69.00 1.41 0.00	53.41 1.02 0.00
CRICKET__VALLEY_CC2 323757	38.45 0.76 0.00	32.67 0.84 0.00	27.93 0.86 0.00	23.63 0.84 0.00	25.14 0.90 0.00	27.08 0.98 0.00	26.19 1.25 0.00	25.50 1.26 0.00	24.72 1.17 -0.77	26.69 1.20 -0.53	43.67 1.91 0.00	48.05 1.95 0.00	48.51 2.09 0.00	48.43 2.09 0.00	49.49 2.23 0.00	50.00 2.58 0.00	49.57 3.21 -0.31	50.73 3.27 0.00	62.07 3.76 0.00	85.59 4.08 -2.31	103.10 3.75 0.00	83.08 2.45 0.00	69.00 1.41 0.00	53.41 1.02 0.00
CRICKET__VALLEY_CC3 323758	38.45 0.76 0.00	32.67 0.84 0.00	27.93 0.86 0.00	23.63 0.84 0.00	25.14 0.90 0.00	27.08 0.98 0.00	26.19 1.25 0.00	25.50 1.26 0.00	24.72 1.17 -0.77	26.69 1.20 -0.53	43.67 1.91 0.00	48.05 1.95 0.00	48.51 2.09 0.00	48.43 2.09 0.00	49.49 2.23 0.00	50.00 2.58 0.00	49.57 3.21 -0.31	50.73 3.27 0.00	62.07 3.76 0.00	85.59 4.08 -2.31	103.10 3.75 0.00	83.08 2.45 0.00	69.00 1.41 0.00	53.41 1.02 0.00
CRUCIBLE_METL_DRP 24180	37.67 -0.02 0.00	31.74 -0.09 0.00	26.96 -0.11 0.00	22.72 -0.06 0.00	24.16 -0.08 0.00	26.05 -0.06 0.00	25.00 0.06 0.00	24.30 0.05 0.00	22.86 0.08 0.00	25.11 0.14 0.00	42.08 0.32 0.00	46.57 0.47 0.00	46.94 0.53 0.00	46.84 0.51 0.00	47.87 0.60 0.00	48.32 0.90 0.00	47.21 1.15 0.00	48.80 1.34 0.00	61.64 1.75 -1.58	87.01 2.60 -5.21	108.16 2.92 -5.89	84.73 1.77 -2.33	68.85 0.92 -0.35	52.77 0.38 0.00
DAHOWA__HYDRO 323763	39.46 1.77 0.00	33.49 1.66 0.00	28.56 1.48 0.00	24.12 1.33 0.00	25.67 1.43 0.00	27.63 1.53 0.00	26.54 1.60 0.00	25.81 1.57 0.00	24.06 1.28 0.00	26.09 1.12 0.00	43.34 1.57 0.00	47.83 1.72 0.00	48.24 1.82 0.00	48.35 2.01 0.00	49.59 2.32 0.00	50.20 2.78 0.00	50.53 3.42 -1.05	51.22 3.76 0.00	63.55 5.24 0.00	105.00 6.99 -18.81	106.67 7.32 0.00	86.11 5.48 0.00	71.62 4.04 0.00	55.29 2.90 0.00
DANC__LFGE 323619	37.75 0.06 0.00	31.71 -0.12 0.00	26.83 -0.25 0.00	22.63 -0.15 0.00	24.11 -0.12 0.00	26.03 -0.07 0.00	24.89 -0.05 0.00	24.24 -0.01 0.00	22.80 0.03 0.00	25.14 0.18 0.00	41.81 0.04 0.00	45.70 -0.41 0.00	45.68 -0.74 0.00	45.85 -0.49 0.00	46.79 -0.47 0.00	47.55 0.14 0.00	46.07 0.00 0.00	47.41 -0.05 0.00	60.92 0.97 -1.64	86.92 2.32 -5.39	109.64 4.21 -6.09	86.83 3.79 -2.41	69.53 1.59 -0.36	52.72 0.33 0.00
DANSKAMMER__1 23586	39.29 1.60 0.00	33.29 1.46 0.00	28.41 1.33 0.00	23.97 1.19 0.00	25.49 1.26 0.00	27.49 1.39 0.00	26.58 1.64 0.00	25.88 1.64 0.00	24.33 1.56 0.00	26.65 1.68 0.00	44.64 2.87 0.00	49.28 3.17 0.00	49.83 3.41 0.00	49.85 3.51 0.00	50.87 3.61 0.00	51.42 4.01 0.00	50.83 4.59 -0.18	52.18 4.73 0.00	63.81 5.50 0.00	87.64 6.45 -1.98	106.04 6.69 0.00	85.28 4.64 0.00	70.73 3.15 0.00	54.63 2.24 0.00
DANSKAMMER__2 23589	39.29 1.60 0.00	33.29 1.46 0.00	28.41 1.33 0.00	23.97 1.19 0.00	25.49 1.26 0.00	27.49 1.39 0.00	26.58 1.64 0.00	25.88 1.64 0.00	24.33 1.56 0.00	26.65 1.68 0.00	44.64 2.87 0.00	49.28 3.17 0.00	49.83 3.41 0.00	49.85 3.51 0.00	50.87 3.61 0.00	51.42 4.01 0.00	50.83 4.59 -0.18	52.18 4.73 0.00	63.81 5.50 0.00	87.64 6.45 -1.98	106.04 6.69 0.00	85.28 4.64 0.00	70.73 3.15 0.00	54.63 2.24 0.00
DANSKAMMER__3 23590	39.29 1.60 0.00	33.29 1.46 0.00	28.41 1.33 0.00	23.97 1.19 0.00	25.49 1.26 0.00	27.49 1.39 0.00	26.58 1.64 0.00	25.88 1.64 0.00	24.33 1.56 0.00	26.65 1.68 0.00	44.64 2.87 0.00	49.28 3.17 0.00	49.83 3.41 0.00	49.85 3.51 0.00	50.87 3.61 0.00	51.42 4.01 0.00	50.83 4.59 -0.18	52.18 4.73 0.00	63.81 5.50 0.00	87.64 6.45 -1.98	106.04 6.69 0.00	85.28 4.64 0.00	70.73 3.15 0.00	54.63 2.24 0.00

DANSKAMMER___4 23591	39.29 1.60 0.00	33.29 1.46 0.00	28.41 1.33 0.00	23.97 1.19 0.00	25.49 1.26 0.00	27.49 1.39 0.00	26.58 1.64 0.00	25.88 1.64 0.00	24.33 1.56 0.00	26.65 1.68 0.00	44.64 2.87 0.00	49.28 3.17 0.00	49.83 3.41 0.00	49.85 3.51 0.00	50.87 3.61 0.00	51.42 4.01 0.00	50.83 4.59 -0.18	52.18 4.73 0.00	63.81 5.50 0.00	87.64 6.45 -1.98	106.04 6.69 0.00	85.28 4.64 0.00	70.73 3.15 0.00	54.63 2.24 0.00
DANSKAMMER___DIESEL 23592	39.29 1.60 0.00	33.29 1.46 0.00	28.41 1.33 0.00	23.97 1.19 0.00	25.49 1.26 0.00	27.49 1.39 0.00	26.58 1.64 0.00	25.88 1.64 0.00	24.33 1.56 0.00	26.65 1.68 0.00	44.64 2.87 0.00	49.28 3.17 0.00	49.83 3.41 0.00	49.85 3.51 0.00	50.87 3.61 0.00	51.42 4.00 0.00	50.82 4.59 -0.18	52.19 4.73 0.00	63.82 5.51 0.00	87.64 6.45 -1.98	106.04 6.69 0.00	85.28 4.65 0.00	70.73 3.15 0.00	54.63 2.24 0.00
DARBY___SOLAR 323810	39.24 1.56 0.00	33.32 1.49 0.00	28.43 1.35 0.00	23.99 1.21 0.00	25.54 1.30 0.00	27.48 1.38 0.00	26.39 1.46 0.00	25.67 1.42 0.00	23.93 1.16 0.00	25.98 1.01 0.00	43.16 1.40 0.00	47.61 1.50 0.00	48.01 1.59 0.00	48.10 1.77 0.00	49.32 2.06 0.00	49.90 2.48 0.00	50.26 3.08 -1.12	50.86 3.40 0.00	63.04 4.73 0.00	103.91 6.22 -18.48	105.82 6.47 0.00	85.46 4.83 0.00	71.13 3.54 0.00	54.95 2.56 0.00
DASHVILLE___HYD 23610	38.78 1.09 0.00	32.86 1.03 0.00	28.06 0.99 0.00	23.69 0.91 0.00	25.20 0.96 0.00	27.16 1.06 0.00	26.24 1.31 0.00	25.56 1.31 0.00	24.02 1.25 0.00	26.28 1.32 0.00	43.98 2.21 0.00	48.49 2.38 0.00	49.06 2.64 0.00	49.00 2.66 0.00	50.07 2.81 0.00	50.63 3.21 0.00	49.43 3.75 0.38	51.32 3.86 0.00	62.70 4.39 0.00	87.20 4.91 -3.08	104.22 4.87 0.00	83.92 3.29 0.00	69.69 2.11 0.00	53.89 1.50 0.00
DELAWARE___LFGE 323621	38.32 0.63 0.00	32.35 0.52 0.00	27.61 0.53 0.00	23.26 0.48 0.00	24.75 0.52 0.00	26.70 0.59 0.00	25.63 0.69 0.00	24.92 0.68 0.00	23.46 0.68 0.00	25.74 0.77 0.00	43.20 1.44 0.00	47.80 1.69 0.00	48.22 1.80 0.00	48.13 1.80 0.00	48.99 1.73 0.00	49.25 1.83 0.00	48.10 2.04 0.00	49.65 2.19 0.00	61.29 2.71 -0.27	86.45 3.56 -3.69	104.12 3.78 -1.00	83.62 2.59 -0.39	69.32 1.67 -0.06	53.53 1.14 0.00
DERFIELD_115KV_TB7 355931	37.69 0.00 0.00	31.86 0.04 0.00	27.13 0.05 0.00	22.85 0.07 0.00	24.33 0.09 0.00	26.19 0.09 0.00	25.07 0.13 0.00	24.39 0.15 0.00	22.90 0.12 0.00	25.09 0.12 0.00	41.96 0.19 0.00	46.29 0.18 0.00	46.64 0.22 0.00	46.59 0.25 0.00	47.51 0.25 0.00	47.73 0.31 0.00	46.51 0.45 0.00	47.93 0.48 0.00	58.95 0.64 0.00	79.98 0.78 0.00	99.98 0.63 0.00	81.06 0.42 0.00	67.79 0.20 0.00	52.48 0.09 0.00
DOGLEVILLE___HYD 23807	37.92 0.23 0.00	32.22 0.38 0.00	27.58 0.50 0.00	23.31 0.52 0.00	24.85 0.60 0.00	26.74 0.65 0.00	25.75 0.82 0.00	24.90 0.66 0.00	23.08 0.30 0.00	24.95 -0.02 0.00	41.55 -0.22 0.00	45.74 -0.36 0.00	46.32 -0.10 0.00	46.43 0.09 0.00	47.34 0.07 0.00	47.85 0.43 0.00	47.13 1.07 0.00	49.20 1.74 0.00	61.22 2.91 0.00	83.63 4.43 0.00	103.96 4.61 0.00	83.84 3.20 0.00	69.48 1.90 0.00	53.48 1.09 0.00
DUNKIRK___115KV_TB_200 55889	37.42 -0.27 0.00	31.13 -0.70 0.00	26.28 -0.79 0.00	22.08 -0.70 0.00	23.51 -0.73 0.00	25.28 -0.82 0.00	24.29 -0.64 0.00	23.26 -0.99 0.00	22.41 -0.37 0.00	25.00 0.04 0.00	42.63 0.86 0.00	48.02 1.92 0.00	48.26 1.84 0.00	48.04 1.70 0.00	48.55 1.29 0.00	49.00 1.58 0.00	48.14 2.09 0.00	50.11 2.65 0.00	61.50 3.19 0.00	84.59 5.38 0.00	105.60 6.25 0.00	82.89 2.26 0.00	68.38 0.80 0.00	52.58 0.20 0.00
DUNKIRK___1 23563	37.42 -0.27 0.00	31.13 -0.70 0.00	26.28 -0.79 0.00	22.08 -0.70 0.00	23.51 -0.73 0.00	25.28 -0.82 0.00	24.29 -0.64 0.00	23.26 -0.99 0.00	22.41 -0.37 0.00	25.00 0.04 0.00	42.63 0.86 0.00	48.02 1.92 0.00	48.26 1.84 0.00	48.04 1.70 0.00	48.55 1.29 0.00	49.00 1.58 0.00	48.14 2.09 0.00	50.11 2.65 0.00	61.50 3.19 0.00	84.59 5.38 0.00	105.60 6.25 0.00	82.89 2.26 0.00	68.38 0.80 0.00	52.58 0.20 0.00
DUNKIRK___2 23564	37.42 -0.27 0.00	31.13 -0.70 0.00	26.28 -0.79 0.00	22.08 -0.70 0.00	23.51 -0.73 0.00	25.28 -0.82 0.00	24.29 -0.64 0.00	23.26 -0.99 0.00	22.41 -0.37 0.00	25.00 0.04 0.00	42.63 0.86 0.00	48.02 1.92 0.00	48.26 1.84 0.00	48.04 1.70 0.00	48.55 1.29 0.00	49.00 1.58 0.00	48.14 2.09 0.00	50.11 2.65 0.00	61.50 3.19 0.00	84.59 5.38 0.00	105.60 6.25 0.00	82.89 2.26 0.00	68.38 0.80 0.00	52.58 0.20 0.00
DUNKIRK___3 23565	37.38 -0.31 0.00	31.16 -0.67 0.00	26.30 -0.78 0.00	22.11 -0.67 0.00	23.53 -0.71 0.00	25.31 -0.79 0.00	24.28 -0.65 0.00	23.28 -0.97 0.00	22.37 -0.40 0.00	24.97 0.00 0.00	42.47 0.71 0.00	47.80 1.69 0.00	48.04 1.62 0.00	47.82 1.49 0.00	48.37 1.10 0.00	48.79 1.38 0.00	47.95 1.90 0.00	49.86 2.40 0.00	61.11 2.80 0.00	84.02 4.81 0.00	104.98 5.63 0.00	82.68 2.05 0.00	68.27 0.69 0.00	52.44 0.05 0.00
DUNKIRK___4 23566	37.38 -0.31 0.00	31.16 -0.67 0.00	26.30 -0.78 0.00	22.11 -0.67 0.00	23.53 -0.71 0.00	25.31 -0.79 0.00	24.28 -0.65 0.00	23.28 -0.97 0.00	22.37 -0.40 0.00	24.97 0.00 0.00	42.47 0.71 0.00	47.80 1.69 0.00	48.04 1.62 0.00	47.82 1.49 0.00	48.37 1.10 0.00	48.79 1.38 0.00	47.95 1.90 0.00	49.86 2.40 0.00	61.11 2.80 0.00	84.02 4.81 0.00	104.98 5.63 0.00	82.68 2.05 0.00	68.27 0.69 0.00	52.44 0.05 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.29 1.61 0.00	33.32 1.49 0.00	28.45 1.38 0.00	23.98 1.20 0.00	25.50 1.26 0.00	27.52 1.42 0.00	26.66 1.72 0.00	25.95 1.71 0.00	26.75 1.63 -2.35	28.36 1.77 -1.62	44.85 3.09 0.00	49.44 3.33 0.00	49.93 3.51 0.00	49.87 3.53 0.00	50.84 3.58 0.00	51.32 3.90 0.00	50.74 4.45 -0.22	51.91 4.45 0.00	63.28 4.97 0.00	86.65 5.55 -1.90	104.82 5.47 0.00	84.38 3.75 0.00	70.04 2.45 0.00	54.23 1.84 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.00 1.31 0.00	33.05 1.21 0.00	28.20 1.12 0.00	23.79 1.00 0.00	25.29 1.05 0.00	27.28 1.18 0.00	26.36 1.42 0.00	25.66 1.41 0.00	23.37 1.34 0.75	25.89 1.45 0.52	44.26 2.50 0.00	48.85 2.74 0.00	49.40 2.98 0.00	49.37 3.03 0.00	50.38 3.11 0.00	50.87 3.45 0.00	50.22 4.01 -0.15	51.58 4.12 0.00	63.05 4.75 0.00	86.63 5.50 -1.92	104.95 5.60 0.00	84.43 3.80 0.00	70.08 2.49 0.00	54.16 1.77 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.20 1.51 0.00	33.34 1.51 0.00	28.43 1.36 0.00	23.89 1.11 0.00	25.43 1.19 0.00	27.47 1.37 0.00	26.73 1.79 0.00	26.01 1.76 0.00	26.81 1.69 -2.35	28.47 1.89 -1.61	44.89 3.13 0.00	49.39 3.28 0.00	49.98 3.56 0.00	49.84 3.50 0.00	50.78 3.51 0.00	51.24 3.82 0.00	50.79 4.51 -0.22	51.90 4.44 0.00	63.11 4.81 0.01	86.33 5.22 -1.91	104.39 5.03 -0.01	83.99 3.35 -0.01	69.73 2.13 -0.01	54.02 1.63 0.00

E179THST_13_KV_LOAD 356214	39.42 1.73 0.00	33.51 1.68 0.00	28.58 1.51 0.00	24.00 1.22 0.00	25.55 1.31 0.00	27.61 1.51 0.00	26.87 1.93 0.00	26.15 1.90 0.00	26.95 1.83 -2.35	28.63 2.06 -1.61	45.15 3.38 0.00	49.69 3.58 0.00	50.27 3.86 0.00	50.17 3.83 0.00	51.11 3.84 0.00	51.58 4.16 0.00	51.12 4.84 -0.22	52.25 4.80 0.00	63.55 5.25 0.01	86.93 5.82 -1.91	105.12 5.76 -0.01	84.58 3.95 -0.01	70.22 2.63 -0.01	54.36 1.97 0.00
EAST HAMPTON___GT 23717	40.32 2.63 0.00	34.23 2.40 0.00	29.13 2.05 0.00	24.51 1.72 0.00	26.04 1.80 0.00	28.27 2.17 0.00	27.52 2.59 0.00	26.84 2.59 0.00	27.42 2.31 -2.34	28.89 2.31 -1.61	46.59 4.82 0.00	50.65 4.55 0.00	50.68 4.26 0.00	50.82 4.48 0.00	51.44 4.17 0.00	51.24 4.08 0.25	48.91 4.18 1.33	56.78 4.32 -5.01	66.60 4.85 -3.44	87.38 4.51 -3.66	58.82 3.23 43.77	75.66 1.92 6.89	43.00 0.68 25.27	50.76 0.62 2.26
EAST RIVER___6 23660	39.38 1.69 0.00	33.39 1.56 0.00	28.50 1.42 0.00	24.00 1.22 0.00	25.53 1.29 0.00	27.58 1.48 0.00	26.75 1.82 0.00	26.04 1.80 0.00	26.87 1.74 -2.35	28.52 1.94 -1.62	45.10 3.33 0.00	49.73 3.63 0.00	50.22 3.80 0.00	50.16 3.82 0.00	51.11 3.84 0.00	51.63 4.21 0.00	51.09 4.81 -0.22	52.18 4.72 0.00	63.45 5.14 0.00	86.69 5.58 -1.90	104.71 5.36 0.00	84.30 3.66 0.00	69.98 2.40 0.00	54.24 1.85 0.00
EAST RIVER___7 23524	39.38 1.69 0.00	33.39 1.56 0.00	28.50 1.42 0.00	24.00 1.22 0.00	25.53 1.29 0.00	27.58 1.48 0.00	26.75 1.82 0.00	26.04 1.80 0.00	26.87 1.74 -2.35	28.52 1.94 -1.62	45.10 3.33 0.00	49.73 3.63 0.00	50.22 3.80 0.00	50.16 3.82 0.00	51.11 3.84 0.00	51.63 4.21 0.00	51.09 4.81 -0.22	52.18 4.72 0.00	63.45 5.14 0.00	86.69 5.58 -1.90	104.71 5.36 0.00	84.30 3.66 0.00	69.98 2.40 0.00	54.24 1.85 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.15 1.46 0.00	33.20 1.37 0.00	28.35 1.27 0.00	23.90 1.12 0.00	25.41 1.17 0.00	27.42 1.32 0.00	26.55 1.61 0.00	25.85 1.60 0.00	26.74 1.53 -2.44	28.29 1.65 -1.68	44.65 2.88 0.00	49.22 3.12 0.00	49.72 3.30 0.00	49.68 3.34 0.00	50.64 3.38 0.00	51.13 3.71 0.00	50.54 4.26 -0.22	51.74 4.28 0.00	63.09 4.79 0.00	86.41 5.31 -1.90	104.57 5.22 0.00	84.17 3.54 0.00	69.87 2.29 0.00	54.07 1.69 0.00
EAST_HAMPTON___DIESEL 23722	40.30 2.61 0.00	34.22 2.39 0.00	29.11 2.04 0.00	24.50 1.71 0.00	26.03 1.79 0.00	28.26 2.16 0.00	27.52 2.58 0.00	26.83 2.58 0.00	27.42 2.30 -2.34	28.86 2.29 -1.61	46.56 4.80 0.00	50.60 4.50 0.00	50.65 4.23 0.00	50.78 4.44 0.00	51.36 4.10 0.00	51.15 3.98 0.25	48.78 4.05 1.33	56.65 4.19 -5.01	66.43 4.68 -3.44	87.15 4.28 -3.66	58.53 2.95 43.77	75.42 1.68 6.89	42.79 0.48 25.27	50.59 0.45 2.26
EAST_POINT___SOLAR 323840	40.22 2.53 0.00	33.76 1.93 0.00	28.65 1.57 0.00	24.07 1.28 0.00	25.62 1.38 0.00	27.69 1.59 0.00	26.36 1.42 0.00	24.99 0.75 0.00	22.97 0.19 0.00	25.09 0.13 0.00	42.13 0.36 0.00	46.46 0.35 0.00	46.97 0.55 0.00	46.90 0.57 0.00	47.86 0.60 0.00	48.08 0.66 0.00	47.14 0.62 -0.47	48.40 0.94 0.00	60.94 2.63 0.00	104.51 6.51 -18.79	108.80 9.46 0.00	88.32 7.68 0.00	73.39 5.81 0.00	56.50 4.11 0.00
EAST_PULASKI___ESR 323781	37.46 -0.23 0.00	31.54 -0.29 0.00	26.76 -0.32 0.00	22.56 -0.23 0.00	24.01 -0.23 0.00	25.88 -0.22 0.00	24.79 -0.14 0.00	24.11 -0.14 0.00	22.67 -0.10 0.00	24.93 -0.04 0.00	41.55 -0.21 0.00	45.72 -0.39 0.00	45.90 -0.52 0.00	45.97 -0.37 0.00	46.92 -0.35 0.00	47.44 0.03 0.00	46.13 0.08 0.00	47.54 0.08 0.00	61.30 0.59 -2.41	88.53 1.37 -7.95	110.46 2.13 -8.98	85.91 1.72 -3.55	68.65 0.53 -0.53	52.25 -0.14 0.00
EAST_RIVER___1 323558	39.40 1.71 0.00	33.41 1.58 0.00	28.51 1.43 0.00	24.02 1.24 0.00	25.55 1.31 0.00	27.59 1.49 0.00	26.77 1.83 0.00	26.07 1.82 0.00	26.89 1.76 -2.35	28.54 1.96 -1.62	45.12 3.36 0.00	49.76 3.65 0.00	50.25 3.83 0.00	50.19 3.85 0.00	51.14 3.88 0.00	51.64 4.23 0.00	51.12 4.84 -0.22	52.21 4.75 0.00	63.50 5.19 0.00	86.79 5.69 -1.90	104.89 5.54 0.00	84.39 3.76 0.00	70.08 2.49 0.00	54.30 1.91 0.00
EAST_RIVER___2 323559	39.38 1.69 0.00	33.39 1.56 0.00	28.50 1.42 0.00	24.00 1.22 0.00	25.53 1.29 0.00	27.58 1.48 0.00	26.75 1.82 0.00	26.04 1.80 0.00	26.87 1.74 -2.35	28.52 1.94 -1.62	45.10 3.33 0.00	49.73 3.63 0.00	50.22 3.80 0.00	50.16 3.82 0.00	51.11 3.84 0.00	51.63 4.21 0.00	51.09 4.81 -0.22	52.18 4.72 0.00	63.45 5.14 0.00	86.69 5.58 -1.90	104.71 5.36 0.00	84.30 3.66 0.00	69.98 2.40 0.00	54.24 1.85 0.00
EAST___DELAWARE_HYD 23607	38.32 0.63 0.00	32.41 0.58 0.00	27.64 0.56 0.00	23.29 0.51 0.00	24.77 0.53 0.00	26.71 0.61 0.00	25.80 0.87 0.00	25.14 0.89 0.00	23.07 0.85 0.56	25.49 0.90 0.39	43.41 1.65 0.00	47.89 1.78 0.00	48.56 2.14 0.00	48.52 2.18 0.00	49.53 2.26 0.00	50.02 2.60 0.00	49.27 3.21 0.00	50.92 3.47 0.00	62.39 4.09 0.00	86.10 4.82 -2.08	104.08 4.73 0.00	83.72 3.09 0.00	69.38 1.79 0.00	53.49 1.10 0.00
EIGHT_POINT___WT_PWR 323820	37.19 -0.49 0.00	30.92 -0.91 0.00	26.17 -0.91 0.00	22.00 -0.78 0.00	23.45 -0.79 0.00	25.36 -0.74 0.00	24.31 -0.63 0.00	23.48 -0.77 0.00	22.42 -0.35 0.00	24.82 -0.14 0.00	41.51 -0.25 0.00	46.42 0.32 0.00	47.01 0.60 0.00	46.94 0.60 0.00	47.31 0.05 0.00	47.72 0.30 0.00	46.74 0.68 0.00	48.48 1.03 0.00	60.40 1.73 -0.37	85.23 4.35 -1.68	106.12 5.40 -1.37	82.91 1.73 -0.54	67.80 0.13 -0.08	51.50 -0.89 0.00
ELBRIDGE_115KV_TB2 80188	37.44 -0.25 0.00	31.56 -0.27 0.00	26.82 -0.25 0.00	22.61 -0.17 0.00	24.03 -0.21 0.00	25.90 -0.20 0.00	24.88 -0.06 0.00	24.17 -0.08 0.00	22.72 -0.06 0.00	24.95 -0.01 0.00	41.81 0.05 0.00	46.33 0.22 0.00	46.76 0.34 0.00	46.63 0.29 0.00	47.56 0.29 0.00	47.94 0.52 0.00	46.85 0.79 0.00	48.42 0.96 0.00	61.27 1.30 -1.67	86.74 2.03 -5.51	107.87 2.30 -6.22	84.27 1.18 -2.46	68.44 0.49 -0.37	52.47 0.08 0.00
ELEC_TRO_TEK 24086	39.24 1.56 0.00	33.29 1.46 0.00	28.41 1.33 0.00	23.94 1.16 0.00	25.44 1.20 0.00	27.51 1.41 0.00	26.64 1.71 0.00	25.93 1.68 0.00	26.63 1.52 -2.34	28.18 1.60 -1.61	45.01 3.24 0.00	49.12 3.02 0.00	49.69 3.27 0.00	49.68 3.34 0.00	50.59 3.33 0.00	51.18 3.76 0.00	50.48 4.20 -0.22	51.58 4.23 0.11	62.84 4.68 0.14	85.53 5.02 -1.30	96.47 4.69 7.57	82.86 3.24 1.01	65.41 1.80 3.97	53.41 1.37 0.35
ELLENBURG_WT_PWR 323604	37.66 -0.03 0.00	31.69 -0.14 0.00	26.85 -0.23 0.00	22.50 -0.28 0.00	23.85 -0.39 0.00	25.69 -0.41 0.00	24.39 -0.55 0.00	23.74 -0.51 0.00	22.15 -0.62 0.00	24.22 -0.74 0.00	40.42 -1.35 0.00	44.38 -1.72 0.00	44.36 -2.06 0.00	44.22 -2.12 0.00	45.15 -2.11 0.00	45.16 -2.25 0.00	43.35 -2.71 0.00	44.67 -2.79 0.00	55.08 -3.23 0.00	75.58 -3.62 0.00	95.57 -3.78 0.00	77.43 -3.20 0.00	65.42 -2.17 0.00	51.02 -1.37 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.36 -0.33 0.00	31.28 -0.55 0.00	26.30 -0.78 0.00	22.14 -0.64 0.00	23.52 -0.71 0.00	25.32 -0.77 0.00	24.21 -0.72 0.00	23.23 -1.02 0.00	22.23 -0.55 0.00	24.91 -0.06 0.00	42.18 0.41 0.00	47.32 1.21 0.00	47.64 1.22 0.00	47.36 1.03 0.00	48.01 0.75 0.00	48.39 0.97 0.00	47.57 1.51 0.00	49.36 1.90 0.00	60.30 1.99 0.00	82.99 3.79 0.00	103.90 4.56 0.00	82.08 1.45 0.00	68.03 0.44 0.00	52.17 -0.22 0.00
EMPIRE_CC_1 323656	37.86 0.17 0.00	32.26 0.43 0.00	27.71 0.64 0.00	23.41 0.63 0.00	24.91 0.67 0.00	26.75 0.65 0.00	25.71 0.77 0.00	24.99 0.74 0.00	23.77 0.61 -0.39	25.72 0.48 -0.27	42.31 0.55 0.00	46.51 0.40 0.00	46.92 0.50 0.00	46.89 0.55 0.00	47.92 0.66 0.00	48.29 0.87 0.00	48.71 1.37 -1.28	48.86 1.40 0.00	59.99 1.68 0.00	86.23 1.80 -5.23	100.60 1.25 0.00	81.37 0.74 0.00	68.00 0.41 0.00	52.75 0.36 0.00
EMPIRE_CC_2 323658	37.86 0.17 0.00	32.26 0.43 0.00	27.71 0.64 0.00	23.41 0.63 0.00	24.91 0.67 0.00	26.75 0.65 0.00	25.71 0.77 0.00	24.99 0.74 0.00	23.77 0.61 -0.39	25.72 0.48 -0.27	42.31 0.55 0.00	46.51 0.40 0.00	46.92 0.50 0.00	46.89 0.55 0.00	47.92 0.66 0.00	48.29 0.87 0.00	48.71 1.37 -1.28	48.86 1.40 0.00	59.99 1.68 0.00	86.23 1.80 -5.23	100.60 1.25 0.00	81.37 0.74 0.00	68.00 0.41 0.00	52.75 0.36 0.00
ENORWICH_115KV_TB1 80156	39.48 1.79 0.00	33.21 1.38 0.00	28.22 1.15 0.00	23.82 1.04 0.00	25.39 1.15 0.00	27.48 1.39 0.00	26.42 1.48 0.00	25.77 1.53 0.00	24.30 1.52 0.00	26.69 1.72 0.00	45.01 3.24 0.00	49.89 3.78 0.00	50.62 4.20 0.00	50.43 4.09 0.00	51.04 3.77 0.00	51.56 4.14 0.00	50.79 4.74 0.00	52.75 5.29 0.00	65.96 7.11 -0.54	93.43 10.86 -3.37	114.23 12.86 -2.03	90.40 8.97 -0.80	73.52 5.81 -0.12	56.30 3.91 0.00
ERIE_ST__34_KV_TB1-2 80199	37.74 0.05 0.00	31.56 -0.27 0.00	26.54 -0.53 0.00	22.33 -0.45 0.00	23.72 -0.52 0.00	25.56 -0.54 0.00	24.47 -0.46 0.00	23.53 -0.71 0.00	22.55 -0.23 0.00	25.26 0.30 0.00	42.82 1.06 0.00	48.08 1.97 0.00	48.42 2.00 0.00	48.17 1.83 0.00	48.84 1.57 0.00	49.29 1.87 0.00	48.56 2.50 0.00	50.45 2.99 0.00	61.68 3.37 0.00	84.81 5.60 0.00	106.00 6.65 0.00	83.64 3.01 0.00	69.12 1.54 0.00	52.91 0.51 0.00
ERIE_WT_PWR 323693	37.57 -0.11 0.00	31.41 -0.42 0.00	26.41 -0.67 0.00	22.21 -0.57 0.00	23.60 -0.64 0.00	25.43 -0.67 0.00	24.29 -0.65 0.00	23.31 -0.93 0.00	22.35 -0.43 0.00	25.02 0.05 0.00	42.36 0.60 0.00	47.53 1.43 0.00	47.89 1.47 0.00	47.60 1.27 0.00	48.26 0.99 0.00	48.64 1.22 0.00	47.86 1.80 0.00	49.75 2.29 0.00	60.79 2.48 0.00	83.65 4.45 0.00	104.75 5.40 0.00	82.71 2.08 0.00	68.49 0.90 0.00	52.47 0.08 0.00
ESPRGFLD_115KV_TB1 80157	39.50 1.81 0.00	33.10 1.27 0.00	28.09 1.02 0.00	23.59 0.81 0.00	25.11 0.87 0.00	27.13 1.03 0.00	25.96 1.03 0.00	25.19 0.95 0.00	23.67 0.90 0.00	26.10 1.14 0.00	43.94 2.17 0.00	48.72 2.61 0.00	49.17 2.75 0.00	48.97 2.63 0.00	49.77 2.51 0.00	49.87 2.45 0.00	48.69 2.29 -0.34	49.98 2.52 0.00	61.65 3.34 0.00	98.09 5.38 -13.51	106.31 6.96 0.00	86.14 5.50 0.00	71.68 4.10 0.00	55.23 2.84 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.26 0.57 0.00	32.19 0.36 0.00	27.36 0.29 0.00	23.06 0.27 0.00	24.53 0.29 0.00	26.46 0.36 0.00	25.43 0.49 0.00	24.68 0.43 0.00	23.20 0.42 0.00	25.42 0.46 0.00	42.58 0.82 0.00	47.19 1.09 0.00	47.77 1.35 0.00	47.70 1.36 0.00	48.44 1.17 0.00	48.87 1.45 0.00	47.82 1.76 0.00	49.56 2.11 0.00	62.25 3.04 -0.90	87.63 4.83 -3.59	108.45 5.75 -3.35	85.78 3.83 -1.32	70.15 2.37 -0.20	53.78 1.39 0.00
ETNA____115KV_TB2 80207	38.26 0.57 0.00	32.19 0.36 0.00	27.36 0.29 0.00	23.06 0.27 0.00	24.53 0.29 0.00	26.46 0.36 0.00	25.43 0.49 0.00	24.68 0.43 0.00	23.20 0.42 0.00	25.42 0.46 0.00	42.58 0.82 0.00	47.19 1.09 0.00	47.77 1.35 0.00	47.70 1.36 0.00	48.44 1.17 0.00	48.87 1.45 0.00	47.82 1.76 0.00	49.56 2.11 0.00	62.25 3.04 -0.90	87.63 4.83 -3.59	108.45 5.75 -3.35	85.78 3.83 -1.32	70.15 2.37 -0.20	53.78 1.39 0.00
EUCLID___115KV_TB2 356179	37.23 -0.45 0.00	31.40 -0.43 0.00	26.69 -0.39 0.00	22.47 -0.31 0.00	23.91 -0.33 0.00	25.77 -0.33 0.00	24.70 -0.23 0.00	24.02 -0.23 0.00	22.62 -0.16 0.00	24.86 -0.11 0.00	41.70 -0.07 0.00	46.17 0.07 0.00	46.52 0.10 0.00	46.48 0.14 0.00	47.41 0.14 0.00	47.74 0.32 0.00	46.63 0.57 0.00	48.15 0.69 0.00	59.95 0.90 -0.74	83.03 1.39 -2.43	103.48 1.38 -2.75	82.31 0.60 -1.09	67.75 0.01 -0.16	52.11 -0.28 0.00
E_CANADA_CAP_HY 24051	39.91 2.22 0.00	33.46 1.63 0.00	28.36 1.29 0.00	23.80 1.02 0.00	25.32 1.08 0.00	27.35 1.25 0.00	26.10 1.16 0.00	25.18 0.93 0.00	23.49 0.72 0.00	25.83 0.86 0.00	43.33 1.57 0.00	47.94 1.83 0.00	48.35 1.94 0.00	48.17 1.83 0.00	49.02 1.76 0.00	49.10 1.68 0.00	47.79 1.29 -0.43	48.94 1.48 0.00	60.72 2.41 0.00	101.51 4.83 -17.48	106.28 6.93 0.00	86.64 6.01 0.00	72.26 4.68 0.00	55.73 3.34 0.00
E_CANADA_MHWK_HY 24050	37.92 0.23 0.00	32.22 0.38 0.00	27.58 0.50 0.00	23.30 0.52 0.00	24.84 0.60 0.00	26.74 0.65 0.00	25.75 0.82 0.00	24.90 0.66 0.00	23.08 0.30 0.00	24.95 -0.02 0.00	41.55 -0.22 0.00	45.74 -0.36 0.00	46.32 -0.10 0.00	46.43 0.09 0.00	47.34 0.07 0.00	47.85 0.43 0.00	47.13 1.07 0.00	49.20 1.74 0.00	61.22 2.91 0.00	83.63 4.42 0.00	103.96 4.61 0.00	83.84 3.20 0.00	69.49 1.90 0.00	53.48 1.09 0.00
E_FISHKILL___LBMP 23776	38.74 1.05 0.00	32.86 1.03 0.00	28.07 1.00 0.00	23.70 0.92 0.00	25.21 0.97 0.00	27.17 1.08 0.00	26.27 1.33 0.00	25.57 1.32 0.00	24.58 1.24 -0.56	26.67 1.32 -0.39	43.98 2.22 0.00	48.47 2.37 0.00	48.95 2.53 0.00	48.90 2.56 0.00	49.89 2.62 0.00	50.35 2.93 0.00	49.75 3.46 -0.23	50.95 3.49 0.00	62.25 3.94 0.00	85.50 4.35 -1.94	103.47 4.12 0.00	83.38 2.74 0.00	69.29 1.71 0.00	53.65 1.26 0.00
FALCON___SEABRD_CC1 323796	38.13 0.44 0.00	32.06 0.23 0.00	27.16 0.08 0.00	22.79 0.00 0.00	24.15 -0.09 0.00	25.97 -0.13 0.00	24.66 -0.28 0.00	23.99 -0.26 0.00	22.28 -0.49 0.00	24.28 -0.69 0.00	40.54 -1.23 0.00	44.49 -1.61 0.00	44.37 -2.05 0.00	44.25 -2.09 0.00	45.20 -2.06 0.00	45.23 -2.19 0.00	43.46 -2.59 0.00	44.80 -2.65 0.00	55.22 -3.08 0.00	75.72 -3.48 0.00	95.65 -3.70 0.00	77.36 -3.27 0.00	65.39 -2.20 0.00	51.00 -1.39 0.00
FALCON___SEABRD_CC2 323797	38.13 0.44 0.00	32.06 0.23 0.00	27.16 0.08 0.00	22.79 0.00 0.00	24.15 -0.09 0.00	25.97 -0.13 0.00	24.66 -0.28 0.00	23.99 -0.26 0.00	22.28 -0.49 0.00	24.28 -0.69 0.00	40.54 -1.23 0.00	44.49 -1.61 0.00	44.37 -2.05 0.00	44.25 -2.09 0.00	45.20 -2.06 0.00	45.23 -2.19 0.00	43.46 -2.59 0.00	44.80 -2.65 0.00	55.22 -3.08 0.00	75.72 -3.48 0.00	95.65 -3.70 0.00	77.36 -3.27 0.00	65.39 -2.20 0.00	51.00 -1.39 0.00

FAR ROCKAWAY___4 23548	39.88 2.19 0.00	33.80 1.98 0.00	28.80 1.73 0.00	24.28 1.50 0.00	25.79 1.55 0.00	27.88 1.78 0.00	27.02 2.08 0.00	26.32 2.07 0.00	27.00 1.89 -2.34	28.60 2.03 -1.61	45.80 4.04 0.00	50.04 3.94 0.00	50.66 4.24 0.00	50.71 4.37 0.00	51.67 4.40 0.00	52.28 4.86 0.00	51.37 5.09 -0.22	53.36 5.16 -0.74	65.11 5.86 -0.94	88.88 6.61 -3.07	108.16 6.56 -2.25	86.03 4.77 -0.62	70.59 3.01 0.00	54.68 2.29 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.42 1.73 0.00	33.42 1.59 0.00	28.53 1.45 0.00	24.03 1.25 0.00	25.55 1.32 0.00	27.60 1.50 0.00	26.79 1.85 0.00	26.08 1.84 0.00	26.91 1.78 -2.35	28.57 1.99 -1.62	45.16 3.39 0.00	49.79 3.68 0.00	50.28 3.86 0.00	50.22 3.88 0.00	51.16 3.89 0.00	51.66 4.25 0.00	51.15 4.86 -0.22	52.24 4.79 0.00	63.55 5.24 0.00	86.87 5.77 -1.90	105.00 5.65 0.00	84.47 3.84 0.00	70.14 2.56 0.00	54.34 1.95 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.45 1.76 0.00	33.45 1.61 0.00	28.55 1.47 0.00	24.05 1.26 0.00	25.57 1.34 0.00	27.62 1.52 0.00	26.79 1.86 0.00	26.10 1.85 0.00	26.91 1.79 -2.35	28.57 1.99 -1.62	45.17 3.40 0.00	49.80 3.70 0.00	50.29 3.88 0.00	50.22 3.88 0.00	51.18 3.92 0.00	51.68 4.27 0.00	51.16 4.88 -0.22	52.26 4.80 0.00	63.57 5.26 0.00	86.91 5.81 -1.90	105.07 5.72 0.00	84.54 3.90 0.00	70.20 2.61 0.00	54.36 1.97 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.39 1.70 0.00	33.41 1.58 0.00	28.51 1.43 0.00	24.02 1.24 0.00	25.55 1.31 0.00	27.59 1.49 0.00	26.77 1.83 0.00	26.08 1.83 0.00	26.90 1.77 -2.35	28.55 1.97 -1.62	45.14 3.38 0.00	49.77 3.66 0.00	50.25 3.83 0.00	50.18 3.84 0.00	51.13 3.86 0.00	51.64 4.22 0.00	51.12 4.83 -0.22	52.20 4.74 0.00	63.50 5.19 0.00	86.79 5.69 -1.90	104.90 5.55 0.00	84.39 3.76 0.00	70.08 2.49 0.00	54.30 1.91 0.00
FARRAGUT___LBMP 323566	39.36 1.68 0.00	33.38 1.55 0.00	28.50 1.42 0.00	24.00 1.22 0.00	25.53 1.29 0.00	27.56 1.47 0.00	26.74 1.81 0.00	26.04 1.80 0.00	26.86 1.74 -2.35	28.51 1.93 -1.62	45.07 3.31 0.00	49.69 3.59 0.00	50.17 3.76 0.00	50.11 3.77 0.00	51.06 3.79 0.00	51.56 4.14 0.00	51.03 4.75 -0.22	52.12 4.67 0.00	63.40 5.09 0.00	86.68 5.58 -1.90	104.77 5.42 0.00	84.30 3.66 0.00	69.99 2.41 0.00	54.23 1.84 0.00
FENNER___WINDPWR 24204	38.74 1.05 0.00	32.64 0.80 0.00	27.69 0.62 0.00	23.32 0.54 0.00	24.82 0.58 0.00	26.75 0.65 0.00	25.65 0.72 0.00	24.94 0.70 0.00	23.46 0.68 0.00	25.75 0.79 0.00	43.12 1.36 0.00	47.66 1.56 0.00	48.05 1.64 0.00	47.83 1.49 0.00	48.59 1.32 0.00	48.80 1.39 0.00	47.71 1.65 0.00	49.43 1.97 0.00	61.61 2.87 -0.43	85.08 4.47 -1.41	106.57 5.63 -1.59	85.37 4.11 -0.63	70.36 2.68 -0.09	54.08 1.69 0.00
FIBERTEK___ENERGY 23856	37.67 -0.02 0.00	31.74 -0.09 0.00	26.96 -0.11 0.00	22.72 -0.06 0.00	24.16 -0.08 0.00	26.05 -0.06 0.00	25.00 0.06 0.00	24.30 0.05 0.00	22.86 0.08 0.00	25.11 0.14 0.00	42.08 0.32 0.00	46.57 0.47 0.00	46.94 0.53 0.00	46.84 0.51 0.00	47.87 0.60 0.00	48.32 0.90 0.00	47.21 1.15 0.00	48.80 1.34 0.00	61.64 1.75 -1.58	87.01 2.60 -5.21	108.16 2.92 -5.89	84.73 1.77 -2.33	68.85 0.92 -0.35	52.77 0.38 0.00
FITZPATRICK___ 23598	36.63 -1.06 0.00	30.90 -0.93 0.00	26.27 -0.81 0.00	22.12 -0.66 0.00	23.53 -0.70 0.00	25.35 -0.74 0.00	24.28 -0.66 0.00	23.60 -0.64 0.00	22.21 -0.57 0.00	24.39 -0.58 0.00	40.85 -0.92 0.00	45.18 -0.92 0.00	45.49 -0.93 0.00	45.45 -0.89 0.00	46.36 -0.91 0.00	46.63 -0.78 0.00	45.47 -0.58 0.00	46.93 -0.53 0.00	48.82 -0.64 8.84	49.24 -0.73 29.23	65.22 -1.11 33.01	66.28 -1.31 13.05	64.21 -1.42 1.95	51.10 -1.29 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.36 1.68 0.00	33.35 1.52 0.00	28.46 1.39 0.00	24.01 1.23 0.00	25.54 1.30 0.00	27.54 1.44 0.00	26.63 1.69 0.00	25.93 1.69 0.00	24.39 1.61 0.00	26.71 1.74 0.00	44.75 2.98 0.00	49.40 3.30 0.00	49.96 3.54 0.00	49.99 3.65 0.00	51.02 3.75 0.00	51.58 4.16 0.00	50.99 4.74 -0.19	52.34 4.88 0.00	64.00 5.69 0.00	87.88 6.69 -1.98	106.33 6.98 0.00	85.49 4.85 0.00	70.89 3.30 0.00	54.78 2.39 0.00
FORT ORANGE___ 23900	37.79 0.10 0.00	32.16 0.32 0.00	27.56 0.48 0.00	23.30 0.52 0.00	24.78 0.54 0.00	26.64 0.53 0.00	25.59 0.65 0.00	24.85 0.60 0.00	23.23 0.46 0.00	25.23 0.26 0.00	42.00 0.24 0.00	46.18 0.08 0.00	46.60 0.18 0.00	46.56 0.22 0.00	47.53 0.26 0.00	47.72 0.30 0.00	43.07 0.81 3.80	48.39 0.94 0.00	59.60 1.29 0.00	90.73 1.42 -10.11	100.37 1.02 0.00	81.18 0.55 0.00	67.70 0.12 0.00	52.44 0.05 0.00
FORT_DRUM_COGEN 23780	38.58 0.89 0.00	32.34 0.51 0.00	27.30 0.22 0.00	23.05 0.27 0.00	24.57 0.33 0.00	26.55 0.45 0.00	25.32 0.39 0.00	24.69 0.44 0.00	23.19 0.41 0.00	25.58 0.62 0.00	42.43 0.66 0.00	46.03 -0.08 0.00	45.79 -0.63 0.00	45.99 -0.35 0.00	46.90 -0.37 0.00	47.84 0.42 0.00	46.20 0.14 0.00	47.56 0.10 0.00	61.20 1.72 -1.18	87.02 3.95 -3.86	111.08 7.37 -4.36	89.29 6.93 -1.73	71.52 3.67 -0.26	54.00 1.61 0.00
FOX_HILLS___ESR 323835	39.26 1.57 0.00	33.32 1.49 0.00	28.39 1.31 0.00	23.89 1.10 0.00	25.42 1.18 0.00	27.47 1.37 0.00	26.69 1.75 0.00	25.99 1.74 0.00	26.81 1.69 -2.35	28.49 1.91 -1.61	44.97 3.20 0.00	49.51 3.40 0.00	50.07 3.65 0.00	49.95 3.61 0.00	50.81 3.55 0.00	51.41 3.99 0.00	50.94 4.65 -0.23	51.91 4.46 0.00	63.11 4.81 0.01	86.32 5.22 -1.89	104.34 5.00 0.01	83.96 3.34 0.01	69.74 2.15 0.00	54.04 1.64 0.00
FPL_FAR_ROCK_GT1 24212	39.88 2.19 0.00	33.80 1.97 0.00	28.81 1.73 0.00	24.28 1.50 0.00	25.79 1.55 0.00	27.87 1.77 0.00	27.02 2.08 0.00	26.31 2.07 0.00	27.00 1.89 -2.34	28.60 2.03 -1.61	45.77 4.01 0.00	50.05 3.95 0.00	50.67 4.25 0.00	50.72 4.39 0.00	51.68 4.41 0.00	52.31 4.89 0.00	51.37 5.09 -0.22	53.37 5.18 -0.74	65.10 5.86 -0.94	88.87 6.59 -3.07	108.12 6.51 -2.25	86.04 4.78 -0.62	70.57 2.98 0.00	54.70 2.31 0.00
FPL_FAR_ROCK_GT2 23815	39.88 2.19 0.00	33.80 1.97 0.00	28.81 1.73 0.00	24.28 1.50 0.00	25.79 1.55 0.00	27.87 1.77 0.00	27.02 2.08 0.00	26.31 2.07 0.00	27.00 1.89 -2.34	28.60 2.03 -1.61	45.77 4.01 0.00	50.05 3.95 0.00	50.67 4.25 0.00	50.72 4.39 0.00	51.68 4.41 0.00	52.31 4.89 0.00	51.37 5.09 -0.22	53.37 5.18 -0.74	65.10 5.86 -0.94	88.87 6.59 -3.07	108.12 6.51 -2.25	86.04 4.78 -0.62	70.57 2.98 0.00	54.70 2.31 0.00
FRANKLIN_FALL_HYD 24054	38.16 0.47 0.00	32.09 0.25 0.00	27.15 0.07 0.00	22.75 -0.03 0.00	24.10 -0.14 0.00	25.98 -0.12 0.00	24.65 -0.28 0.00	24.01 -0.24 0.00	22.42 -0.35 0.00	24.54 -0.42 0.00	40.90 -0.87 0.00	44.88 -1.22 0.00	44.82 -1.60 0.00	44.62 -1.72 0.00	45.56 -1.71 0.00	45.62 -1.80 0.00	43.65 -2.41 0.00	45.03 -2.43 0.00	55.64 -2.66 0.01	76.69 -2.51 0.00	97.57 -1.78 0.00	79.19 -1.44 0.00	66.89 -0.69 0.00	52.09 -0.30 0.00

FREEPORT_EQUS_GT1 23764	39.48 1.80 0.00	33.51 1.67 0.00	28.57 1.50 0.00	24.08 1.29 0.00	25.57 1.33 0.00	27.65 1.55 0.00	26.80 1.87 0.00	26.09 1.84 0.00	26.76 1.65 -2.34	28.31 1.73 -1.61	45.27 3.50 0.00	49.40 3.30 0.00	49.96 3.54 0.00	49.84 3.50 0.00	50.79 3.53 0.00	51.43 4.01 0.00	50.71 4.43 -0.22	51.07 4.53 0.92	62.19 5.05 1.17	83.79 5.32 0.73	77.33 4.81 26.83	80.92 3.58 3.29	56.71 2.11 12.99	52.93 1.70 1.16
FREEPORT___CT2 23818	39.48 1.80 0.00	33.51 1.67 0.00	28.57 1.50 0.00	24.08 1.29 0.00	25.57 1.33 0.00	27.65 1.55 0.00	26.80 1.87 0.00	26.09 1.84 0.00	26.76 1.65 -2.34	28.31 1.73 -1.61	45.27 3.50 0.00	49.40 3.30 0.00	49.96 3.54 0.00	49.84 3.50 0.00	50.79 3.53 0.00	51.43 4.01 0.00	50.71 4.43 -0.22	51.07 4.53 0.92	62.19 5.05 1.17	83.79 5.32 0.73	77.33 4.81 26.83	80.92 3.58 3.29	56.71 2.11 12.99	52.93 1.70 1.16
FRESHKLS_33_KV_LOAD 356253	39.30 1.62 0.00	33.35 1.52 0.00	28.41 1.33 0.00	23.90 1.12 0.00	25.43 1.19 0.00	27.49 1.39 0.00	26.71 1.77 0.00	26.01 1.76 0.00	26.84 1.72 -2.35	28.52 1.94 -1.61	45.02 3.25 0.00	49.54 3.43 0.00	50.11 3.70 0.00	50.02 3.68 0.00	50.90 3.63 0.00	51.56 4.14 0.00	51.08 4.80 -0.23	52.00 4.54 0.00	63.15 4.85 0.01	86.42 5.32 -1.89	104.44 5.10 0.01	84.09 3.46 0.01	69.81 2.22 0.00	54.09 1.70 0.00
FULTON COGEN____ 23766	37.19 -0.50 0.00	31.34 -0.49 0.00	26.64 -0.44 0.00	22.43 -0.35 0.00	23.87 -0.37 0.00	25.73 -0.37 0.00	24.66 -0.28 0.00	23.98 -0.27 0.00	22.56 -0.21 0.00	24.79 -0.18 0.00	41.51 -0.25 0.00	45.92 -0.18 0.00	46.25 -0.17 0.00	46.24 -0.10 0.00	47.17 -0.10 0.00	47.52 0.10 0.00	46.40 0.34 0.00	47.93 0.47 0.00	61.85 0.67 -2.87	89.81 1.13 -9.47	111.20 1.15 -10.70	85.31 0.45 -4.23	68.06 -0.16 -0.63	51.97 -0.41 0.00
FULTON___LFGE 323630	39.89 2.20 0.00	33.55 1.72 0.00	28.50 1.42 0.00	23.95 1.17 0.00	25.49 1.25 0.00	27.52 1.42 0.00	26.30 1.36 0.00	25.28 1.03 0.00	23.40 0.62 0.00	25.53 0.56 0.00	42.64 0.87 0.00	47.01 0.91 0.00	47.53 1.11 0.00	47.50 1.15 0.00	48.37 1.11 0.00	48.61 1.19 0.00	47.76 1.23 -0.47	49.19 1.73 0.00	61.45 3.14 0.00	104.55 6.22 -19.12	107.83 8.48 0.00	87.42 6.78 0.00	72.72 5.14 0.00	56.04 3.65 0.00
G.F.CEMENT___DRP 24184	39.68 1.99 0.00	33.70 1.87 0.00	28.68 1.61 0.00	24.22 1.43 0.00	25.79 1.55 0.00	27.74 1.64 0.00	26.67 1.73 0.00	25.95 1.70 0.00	24.19 1.41 0.00	26.18 1.22 0.00	43.46 1.70 0.00	48.00 1.89 0.00	48.45 2.03 0.00	48.64 2.30 0.00	49.90 2.63 0.00	50.66 3.24 0.00	50.88 3.89 -0.93	51.72 4.26 0.00	64.29 5.98 0.00	106.55 7.98 -19.36	107.51 8.16 0.00	86.82 6.18 0.00	72.11 4.52 0.00	55.60 3.21 0.00
GARDENVILLE___LBMP 24039	37.43 -0.26 0.00	31.30 -0.53 0.00	26.33 -0.75 0.00	22.16 -0.62 0.00	23.55 -0.69 0.00	25.35 -0.75 0.00	24.24 -0.70 0.00	23.26 -0.99 0.00	22.27 -0.50 0.00	24.94 -0.03 0.00	42.23 0.47 0.00	47.39 1.29 0.00	47.73 1.31 0.00	47.46 1.12 0.00	48.10 0.83 0.00	48.49 1.07 0.00	47.67 1.61 0.00	49.49 2.03 0.00	60.50 2.20 0.00	83.30 4.09 0.00	104.29 4.94 0.00	82.35 1.72 0.00	68.17 0.59 0.00	52.27 -0.12 0.00
GARDNVLA_35_KV_LD 355827	37.63 -0.06 0.00	31.46 -0.37 0.00	26.45 -0.63 0.00	22.25 -0.53 0.00	23.64 -0.59 0.00	25.46 -0.64 0.00	24.35 -0.59 0.00	23.37 -0.87 0.00	22.39 -0.39 0.00	25.09 0.12 0.00	42.51 0.75 0.00	47.72 1.61 0.00	48.06 1.64 0.00	47.82 1.48 0.00	48.49 1.22 0.00	48.87 1.45 0.00	48.07 2.02 0.00	49.93 2.48 0.00	61.03 2.73 0.00	84.00 4.80 0.00	105.10 5.75 0.00	82.98 2.35 0.00	68.66 1.07 0.00	52.59 0.21 0.00
GELCKHM___115KV_LOAD 80723	37.39 -0.30 0.00	31.52 -0.31 0.00	26.79 -0.29 0.00	22.57 -0.22 0.00	24.00 -0.24 0.00	25.87 -0.23 0.00	24.81 -0.13 0.00	24.12 -0.13 0.00	22.70 -0.07 0.00	24.95 -0.02 0.00	41.82 0.06 0.00	46.31 0.20 0.00	46.67 0.25 0.00	46.61 0.27 0.00	47.57 0.30 0.00	47.96 0.54 0.00	46.84 0.78 0.00	48.38 0.93 0.00	60.55 1.20 -1.04	84.45 1.83 -3.42	105.17 1.96 -3.87	83.21 1.05 -1.53	68.16 0.35 -0.23	52.35 -0.04 0.00
GENERAL___MILLS 23808	37.54 -0.15 0.00	31.39 -0.44 0.00	26.40 -0.68 0.00	22.21 -0.57 0.00	23.60 -0.64 0.00	25.41 -0.69 0.00	24.30 -0.64 0.00	23.33 -0.92 0.00	22.34 -0.44 0.00	25.02 0.05 0.00	42.37 0.61 0.00	47.54 1.44 0.00	47.88 1.46 0.00	47.63 1.29 0.00	48.28 1.01 0.00	48.66 1.25 0.00	47.86 1.80 0.00	49.70 2.24 0.00	60.77 2.46 0.00	83.64 4.43 0.00	104.69 5.34 0.00	82.67 2.04 0.00	68.42 0.83 0.00	52.44 0.05 0.00
GE_PLASTICS___DRP 24183	37.42 -0.27 0.00	31.82 -0.01 0.00	27.28 0.20 0.00	23.05 0.27 0.00	24.51 0.27 0.00	26.36 0.26 0.00	25.32 0.38 0.00	24.60 0.36 0.00	23.02 0.26 0.02	25.12 0.15 0.00	41.96 0.20 0.00	46.21 0.10 0.00	46.62 0.20 0.00	46.53 0.19 0.00	47.46 0.20 0.00	47.69 0.28 0.00	44.41 0.69 2.34	48.20 0.74 0.00	59.20 0.90 0.00	88.29 0.77 -8.32	99.49 0.14 0.00	80.46 -0.17 0.00	67.18 -0.41 0.00	52.11 -0.28 0.00
GILBOA___1 23756	38.07 0.38 0.00	32.26 0.43 0.00	27.64 0.57 0.00	23.33 0.54 0.00	24.82 0.58 0.00	26.72 0.62 0.00	25.62 0.68 0.00	24.91 0.67 0.00	23.39 0.62 0.00	25.58 0.61 0.00	42.75 0.98 0.00	47.15 1.05 0.00	47.57 1.15 0.00	47.53 1.19 0.00	48.45 1.18 0.00	48.57 1.15 0.00	47.48 1.42 0.00	48.92 1.46 0.00	60.01 1.70 0.00	82.26 1.83 -1.22	100.71 1.36 0.00	81.54 0.91 0.00	68.22 0.64 0.00	52.95 0.56 0.00
GILBOA___2 23757	38.07 0.38 0.00	32.26 0.43 0.00	27.64 0.57 0.00	23.33 0.54 0.00	24.82 0.58 0.00	26.72 0.62 0.00	25.62 0.68 0.00	24.91 0.67 0.00	23.39 0.62 0.00	25.58 0.61 0.00	42.75 0.98 0.00	47.15 1.05 0.00	47.57 1.15 0.00	47.53 1.19 0.00	48.45 1.18 0.00	48.57 1.15 0.00	47.48 1.42 0.00	48.92 1.46 0.00	60.01 1.70 0.00	82.26 1.83 -1.22	100.71 1.36 0.00	81.54 0.91 0.00	68.22 0.64 0.00	52.95 0.56 0.00
GILBOA___3 23758	38.07 0.38 0.00	32.26 0.43 0.00	27.64 0.57 0.00	23.33 0.54 0.00	24.82 0.58 0.00	26.72 0.62 0.00	25.62 0.68 0.00	24.91 0.67 0.00	23.39 0.62 0.00	25.58 0.61 0.00	42.75 0.98 0.00	47.15 1.05 0.00	47.57 1.15 0.00	47.53 1.19 0.00	48.45 1.18 0.00	48.57 1.15 0.00	47.48 1.42 0.00	48.92 1.46 0.00	60.01 1.70 0.00	82.26 1.83 -1.22	100.71 1.36 0.00	81.54 0.91 0.00	68.22 0.64 0.00	52.95 0.56 0.00
GILBOA___4 23759	38.07 0.38 0.00	32.26 0.43 0.00	27.64 0.57 0.00	23.33 0.54 0.00	24.82 0.58 0.00	26.72 0.62 0.00	25.62 0.68 0.00	24.91 0.67 0.00	23.39 0.62 0.00	25.58 0.61 0.00	42.75 0.98 0.00	47.15 1.05 0.00	47.57 1.15 0.00	47.53 1.19 0.00	48.45 1.18 0.00	48.57 1.15 0.00	47.48 1.42 0.00	48.92 1.46 0.00	60.01 1.70 0.00	82.26 1.83 -1.22	100.71 1.36 0.00	81.54 0.91 0.00	68.22 0.64 0.00	52.95 0.56 0.00

GILBOA____ 23599	38.07 0.38 0.00	32.26 0.43 0.00	27.64 0.57 0.00	23.33 0.55 0.00	24.82 0.58 0.00	26.72 0.62 0.00	25.62 0.69 0.00	24.91 0.67 0.00	23.39 0.62 0.00	25.58 0.62 0.00	42.75 0.98 0.00	47.15 1.05 0.00	47.57 1.15 0.00	47.53 1.19 0.00	48.45 1.18 0.00	48.57 1.15 0.00	47.48 1.42 0.00	48.92 1.46 0.00	60.02 1.71 0.00	82.26 1.83 -1.22	100.71 1.37 0.00	81.54 0.90 0.00	68.22 0.64 0.00	52.95 0.56 0.00
GINNA____ 23603	36.34 -1.35 0.00	30.54 -1.29 0.00	25.82 -1.25 0.00	21.74 -1.04 0.00	23.11 -1.13 0.00	24.93 -1.17 0.00	23.92 -1.02 0.00	23.16 -1.08 0.00	21.93 -0.84 0.00	24.26 -0.71 0.00	40.91 -0.86 0.00	45.61 -0.49 0.00	46.05 -0.37 0.00	45.97 -0.37 0.00	46.85 -0.42 0.00	47.31 -0.11 0.00	46.33 0.28 0.00	47.98 0.52 0.00	58.87 0.57 0.00	80.63 1.43 0.00	100.80 1.45 0.00	80.57 -0.07 0.00	66.81 -0.78 0.00	51.23 -1.16 0.00
GLEN PARK____ 23778	38.84 1.15 0.00	32.56 0.73 0.00	27.49 0.41 0.00	23.20 0.42 0.00	24.74 0.50 0.00	26.74 0.65 0.00	25.51 0.58 0.00	24.85 0.60 0.00	23.32 0.55 0.00	25.73 0.77 0.00	42.67 0.91 0.00	46.27 0.16 0.00	46.02 -0.40 0.00	46.29 -0.05 0.00	47.17 -0.09 0.00	48.13 0.72 0.00	46.47 0.41 0.00	47.84 0.38 0.00	61.72 2.17 -1.24	88.01 4.74 -4.06	112.60 8.66 -4.59	90.39 7.94 -1.81	72.32 4.46 -0.27	54.55 2.16 0.00
GLENDALE_27_KV_LOAD 356172	39.44 1.75 0.00	33.52 1.69 0.00	28.59 1.52 0.00	24.03 1.25 0.00	25.57 1.33 0.00	27.63 1.53 0.00	26.88 1.94 0.00	26.19 1.95 0.00	27.02 1.90 -2.35	28.70 2.12 -1.61	45.29 3.52 0.00	49.85 3.75 0.00	50.36 3.94 0.00	50.25 3.91 0.00	51.12 3.85 0.00	51.56 4.14 0.00	51.03 4.75 -0.22	52.13 4.67 0.00	53.55 5.05 9.80	60.40 5.55 24.35	67.43 5.42 37.34	53.15 3.68 31.16	47.57 2.41 22.42	49.38 1.82 4.82
GLENWOOD_IC_1_G5 23712	39.43 1.74 0.00	33.44 1.61 0.00	28.52 1.45 0.00	24.05 1.26 0.00	25.56 1.32 0.00	27.61 1.51 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.80 1.69 -2.34	28.39 1.81 -1.61	45.24 3.48 0.00	49.62 3.51 0.00	50.19 3.77 0.00	50.18 3.84 0.00	51.17 3.90 0.00	51.70 4.28 0.00	50.77 4.49 -0.22	51.74 4.50 0.22	63.04 5.01 0.28	85.60 5.44 -0.95	90.38 5.21 14.17	82.20 3.53 1.96	61.90 2.06 7.75	53.26 1.56 0.69
GLENWOOD_IC_2_G1 23688	39.29 1.60 0.00	33.33 1.50 0.00	28.44 1.36 0.00	23.97 1.19 0.00	25.48 1.24 0.00	27.52 1.42 0.00	26.66 1.73 0.00	25.96 1.71 0.00	26.71 1.60 -2.34	28.30 1.72 -1.61	44.96 3.20 0.00	49.38 3.28 0.00	49.92 3.50 0.00	49.90 3.56 0.00	50.85 3.59 0.00	51.38 3.97 0.00	50.72 4.44 -0.22	51.91 4.45 0.00	63.26 4.95 0.00	86.53 5.43 -1.89	104.61 5.28 0.01	84.27 3.64 0.00	69.79 2.21 0.00	54.05 1.66 0.00
GLENWOOD_IC_3_G1 23689	39.29 1.60 0.00	33.33 1.50 0.00	28.44 1.36 0.00	23.97 1.19 0.00	25.48 1.24 0.00	27.52 1.42 0.00	26.66 1.73 0.00	25.96 1.71 0.00	26.71 1.60 -2.34	28.30 1.72 -1.61	44.96 3.20 0.00	49.38 3.28 0.00	49.92 3.50 0.00	49.90 3.56 0.00	50.85 3.59 0.00	51.38 3.97 0.00	50.72 4.44 -0.22	51.91 4.45 0.00	63.26 4.95 0.00	86.53 5.43 -1.89	104.61 5.28 0.01	84.27 3.64 0.00	69.79 2.21 0.00	54.05 1.66 0.00
GLENWOOD____4 23550	39.43 1.74 0.00	33.44 1.61 0.00	28.52 1.45 0.00	24.05 1.26 0.00	25.56 1.32 0.00	27.61 1.51 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.80 1.69 -2.34	28.39 1.81 -1.61	45.24 3.48 0.00	49.62 3.51 0.00	50.19 3.77 0.00	50.18 3.84 0.00	51.17 3.90 0.00	51.71 4.29 0.00	50.88 4.60 -0.22	51.86 4.62 0.22	63.19 5.16 0.28	85.80 5.65 -0.95	90.64 5.46 14.17	82.40 3.73 1.96	62.05 2.22 7.75	53.37 1.67 0.69
GLENWOOD____5 23614	39.43 1.74 0.00	33.44 1.61 0.00	28.52 1.45 0.00	24.05 1.26 0.00	25.56 1.32 0.00	27.61 1.51 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.80 1.69 -2.34	28.39 1.81 -1.61	45.24 3.48 0.00	49.62 3.51 0.00	50.19 3.77 0.00	50.18 3.84 0.00	51.17 3.90 0.00	51.71 4.29 0.00	50.88 4.60 -0.22	51.86 4.62 0.22	63.19 5.16 0.28	85.80 5.65 -0.95	90.64 5.46 14.17	82.40 3.73 1.96	62.05 2.22 7.75	53.37 1.67 0.69
GLOBAL GREEN_PORT_GT1 23814	40.30 2.62 0.00	34.22 2.39 0.00	29.11 2.04 0.00	24.50 1.72 0.00	26.03 1.79 0.00	28.25 2.15 0.00	27.48 2.55 0.00	26.80 2.55 0.00	27.38 2.27 -2.34	28.89 2.32 -1.61	46.59 4.82 0.00	50.69 4.58 0.00	50.81 4.39 0.00	51.06 4.72 0.00	51.75 4.49 0.00	51.61 4.44 0.25	49.36 4.63 1.33	57.29 4.81 -5.02	67.19 5.44 -3.44	88.25 5.38 -3.67	60.07 4.49 43.77	76.82 3.08 6.89	43.90 1.58 25.27	51.34 1.21 2.26
GLOBE____DSASP 323697	36.53 -1.16 0.00	30.68 -1.15 0.00	25.77 -1.31 0.00	21.71 -1.07 0.00	23.05 -1.19 0.00	24.79 -1.31 0.00	23.66 -1.28 0.00	22.63 -1.62 0.00	21.61 -1.16 0.00	24.27 -0.70 0.00	41.05 -0.71 0.00	46.01 -0.09 0.00	46.30 -0.12 0.00	45.97 -0.37 0.00	46.65 -0.62 0.00	46.94 -0.48 0.00	46.03 -0.03 0.00	47.45 -0.01 0.00	57.80 -0.51 0.00	79.50 0.29 0.00	99.64 0.29 0.00	78.89 -1.74 0.00	65.77 -1.82 0.00	50.82 -1.57 0.00
GOETHSLN____LBMP 323567	39.20 1.52 0.00	33.24 1.40 0.00	28.38 1.30 0.00	23.91 1.13 0.00	25.43 1.19 0.00	27.45 1.35 0.00	26.63 1.69 0.00	25.92 1.68 0.00	26.74 1.62 -2.35	28.37 1.79 -1.62	44.81 3.05 0.00	49.43 3.33 0.00	49.94 3.52 0.00	49.87 3.54 0.00	50.80 3.54 0.00	51.32 3.90 0.00	50.81 4.53 -0.22	51.90 4.44 0.00	63.06 4.75 0.00	86.15 5.04 -1.90	104.06 4.72 0.00	83.72 3.08 0.00	69.54 1.96 0.00	53.93 1.54 0.00
GOLAH____69_KV_TB 1_2 80279	38.45 0.76 0.00	32.21 0.38 0.00	27.17 0.09 0.00	22.86 0.07 0.00	24.31 0.08 0.00	26.19 0.08 0.00	25.12 0.18 0.00	24.28 0.03 0.00	23.01 0.23 0.00	25.50 0.53 0.00	43.00 1.24 0.00	48.01 1.90 0.00	48.43 2.02 0.00	48.23 1.89 0.00	48.95 1.69 0.00	49.40 1.98 0.00	48.44 2.38 0.00	50.22 2.76 0.00	61.65 3.34 0.00	84.76 5.56 0.00	106.28 6.93 0.00	84.62 3.99 0.00	70.25 2.67 0.00	53.82 1.43 0.00
GOODYEAR_LAKE_HYD 323669	38.85 1.16 0.00	32.70 0.87 0.00	27.85 0.78 0.00	23.44 0.66 0.00	24.96 0.72 0.00	26.93 0.83 0.00	25.84 0.91 0.00	25.14 0.89 0.00	23.66 0.89 0.00	26.02 1.06 0.00	43.77 2.01 0.00	48.47 2.37 0.00	48.95 2.53 0.00	48.83 2.49 0.00	49.68 2.41 0.00	49.89 2.47 0.00	48.81 2.60 -0.15	50.27 2.81 0.00	61.84 3.54 0.00	90.17 4.98 -5.99	105.07 5.72 0.00	84.82 4.19 0.00	70.51 2.92 0.00	54.38 1.99 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.76 0.07 0.00	31.79 -0.04 0.00	27.09 0.02 0.00	22.82 0.03 0.00	24.30 0.06 0.00	26.19 0.09 0.00	25.17 0.23 0.00	24.42 0.17 0.00	23.03 0.26 0.00	25.29 0.33 0.00	42.57 0.80 0.00	47.28 1.17 0.00	47.60 1.18 0.00	47.57 1.23 0.00	48.31 1.05 0.00	48.74 1.32 0.00	47.69 1.63 0.00	49.27 1.82 0.00	61.29 2.34 -0.64	85.37 3.30 -2.86	105.29 3.55 -2.39	83.67 2.09 -0.94	68.73 1.01 -0.14	52.88 0.49 0.00

GOUDEY___7 23579	37.76 0.07 0.00	31.79 -0.04 0.00	27.09 0.02 0.00	22.82 0.03 0.00	24.30 0.06 0.00	26.19 0.09 0.00	25.17 0.23 0.00	24.42 0.17 0.00	23.03 0.26 0.00	25.29 0.33 0.00	42.57 0.80 0.00	47.28 1.17 0.00	47.60 1.18 0.00	47.57 1.23 0.00	48.31 1.05 0.00	48.74 1.32 0.00	47.69 1.63 0.00	49.27 1.82 0.00	61.29 2.34 -0.64	85.37 3.30 -2.86	105.29 3.55 -2.39	83.67 2.09 -0.94	68.73 1.01 -0.14	52.88 0.49 0.00
GOUDEY___8 23580	37.76 0.07 0.00	31.79 -0.04 0.00	27.09 0.02 0.00	22.82 0.03 0.00	24.30 0.06 0.00	26.19 0.09 0.00	25.17 0.23 0.00	24.42 0.17 0.00	23.03 0.26 0.00	25.29 0.33 0.00	42.57 0.80 0.00	47.28 1.17 0.00	47.60 1.18 0.00	47.57 1.23 0.00	48.31 1.05 0.00	48.74 1.32 0.00	47.69 1.63 0.00	49.27 1.82 0.00	61.29 2.34 -0.64	85.37 3.30 -2.86	105.29 3.55 -2.39	83.67 2.09 -0.94	68.73 1.01 -0.14	52.88 0.49 0.00
GOWANUS_GT1_1 24077	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
GOWANUS_GT1_2 24078	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
GOWANUS_GT1_3 24079	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
GOWANUS_GT1_4 24080	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
GOWANUS_GT1_5 24084	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
GOWANUS_GT1_6 24111	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
GOWANUS_GT1_7 24112	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
GOWANUS_GT1_8 24113	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
GOWANUS_GT2_1 24114	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
GOWANUS_GT2_2 24115	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
GOWANUS_GT2_3 24116	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
GOWANUS_GT2_4 24117	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
GOWANUS_GT2_5 24118	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00

GOWANUS_GT2_6 24119	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
GOWANUS_GT2_7 24120	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
GOWANUS_GT2_8 24121	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
GOWANUS_GT3_1 24122	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
GOWANUS_GT3_2 24123	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
GOWANUS_GT3_3 24124	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
GOWANUS_GT3_4 24125	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
GOWANUS_GT3_5 24126	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
GOWANUS_GT3_6 24127	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
GOWANUS_GT3_7 24128	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
GOWANUS_GT3_8 24129	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
GOWANUS_GT4_1 24130	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
GOWANUS_GT4_2 24131	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
GOWANUS_GT4_3 24132	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
GOWANUS_GT4_4 24133	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00

GOWANUS_GT4_5 24134	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
GOWANUS_GT4_6 24135	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
GOWANUS_GT4_7 24136	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
GOWANUS_GT4_8 24137	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
GREATVR_69_KV_BK1 356245	39.87 2.19 0.00	33.91 2.08 0.00	28.86 1.79 0.00	24.33 1.54 0.00	25.83 1.59 0.00	27.97 1.87 0.00	27.13 2.19 0.00	26.41 2.16 0.00	26.96 1.85 -2.34	28.48 1.91 -1.61	45.86 4.10 0.00	49.78 3.68 0.00	50.29 3.87 0.00	50.41 4.07 0.00	51.31 4.04 0.00	51.70 4.56 0.27	50.27 5.04 0.83	72.61 5.22 -19.93	78.64 6.01 -14.32	101.30 6.60 -15.49	63.37 6.28 42.26	78.40 4.41 6.65	45.81 2.64 24.41	52.12 1.91 2.18
GREENBSH_115KV_TB3 55895	37.61 -0.08 0.00	32.00 0.17 0.00	27.44 0.36 0.00	23.21 0.43 0.00	24.67 0.44 0.00	26.52 0.42 0.00	25.47 0.54 0.00	24.75 0.51 0.00	23.18 0.41 0.00	25.27 0.31 0.00	42.19 0.42 0.00	46.37 0.27 0.00	46.79 0.37 0.00	46.75 0.41 0.00	47.71 0.45 0.00	47.92 0.50 0.00	42.99 0.96 4.03	48.49 1.04 0.00	59.58 1.27 0.00	90.93 1.26 -10.47	100.03 0.68 0.00	80.87 0.24 0.00	67.50 -0.08 0.00	52.31 -0.08 0.00
GREENDGE_115KV_TB5 80291	38.08 0.39 0.00	31.90 0.07 0.00	27.05 -0.03 0.00	22.76 -0.02 0.00	24.23 0.00 0.00	26.17 0.07 0.00	25.14 0.20 0.00	24.35 0.10 0.00	23.01 0.23 0.00	25.30 0.33 0.00	42.43 0.66 0.00	46.97 0.86 0.00	47.46 1.04 0.00	47.37 1.03 0.00	48.15 0.89 0.00	48.61 1.19 0.00	47.76 1.70 0.00	49.57 2.11 0.00	61.87 3.03 -0.54	85.87 4.89 -1.77	106.21 4.86 -2.00	84.51 3.08 -0.79	69.53 1.82 -0.12	53.12 0.73 0.00
GREENIDGE___3 23582	38.08 0.39 0.00	31.90 0.07 0.00	27.05 -0.03 0.00	22.76 -0.02 0.00	24.23 0.00 0.00	26.17 0.07 0.00	25.14 0.20 0.00	24.35 0.10 0.00	23.01 0.23 0.00	25.30 0.33 0.00	42.43 0.66 0.00	46.97 0.86 0.00	47.46 1.04 0.00	47.37 1.03 0.00	48.15 0.89 0.00	48.61 1.19 0.00	47.76 1.70 0.00	49.57 2.11 0.00	61.87 3.03 -0.54	85.87 4.89 -1.77	106.21 4.86 -2.00	84.51 3.08 -0.79	69.53 1.82 -0.12	53.12 0.73 0.00
GREENIDGE___4 23583	38.08 0.39 0.00	31.90 0.07 0.00	27.05 -0.03 0.00	22.76 -0.02 0.00	24.23 0.00 0.00	26.17 0.08 0.00	25.14 0.20 0.00	24.35 0.11 0.00	23.01 0.24 0.00	25.30 0.33 0.00	42.43 0.66 0.00	46.96 0.86 0.00	47.46 1.04 0.00	47.36 1.02 0.00	48.15 0.89 0.00	48.61 1.19 0.00	47.76 1.70 0.00	49.58 2.12 0.00	61.88 3.03 -0.54	85.88 4.90 -1.77	106.27 4.92 -2.00	84.51 3.08 -0.79	69.53 1.83 -0.12	53.12 0.73 0.00
GREENLWN_69_KV_BK 3 55738	38.91 1.22 0.00	33.18 1.35 0.00	28.29 1.21 0.00	23.86 1.08 0.00	25.33 1.09 0.00	27.40 1.30 0.00	26.55 1.61 0.00	25.81 1.57 0.00	26.41 1.30 -2.34	27.81 1.24 -1.61	44.75 2.98 0.00	48.39 2.28 0.00	48.82 2.40 0.00	48.93 2.59 0.00	49.73 2.47 0.00	49.64 2.91 0.69	44.61 3.36 4.82	46.68 3.40 4.18	58.89 3.68 3.10	79.22 3.53 3.51	59.31 2.65 42.70	75.56 1.65 6.72	43.44 0.50 24.64	50.59 0.40 2.20
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00
GRISSOM___SOLAR 323813	39.76 2.08 0.00	33.49 1.66 0.00	28.47 1.39 0.00	23.95 1.17 0.00	25.48 1.24 0.00	27.51 1.41 0.00	26.28 1.35 0.00	25.22 0.98 0.00	23.29 0.52 0.00	25.36 0.39 0.00	42.30 0.54 0.00	46.60 0.49 0.00	47.11 0.69 0.00	47.11 0.77 0.00	48.01 0.74 0.00	48.25 0.84 0.00	47.49 0.95 -0.48	48.93 1.48 0.00	61.23 2.92 0.00	104.58 5.95 -19.43	107.46 8.11 0.00	87.08 6.44 0.00	72.44 4.86 0.00	55.84 3.45 0.00
GROVEVILLE___HYD 323602	39.36 1.68 0.00	33.35 1.52 0.00	28.46 1.39 0.00	24.01 1.23 0.00	25.54 1.30 0.00	27.54 1.44 0.00	26.63 1.69 0.00	25.93 1.69 0.00	24.39 1.61 0.00	26.71 1.74 0.00	44.75 2.98 0.00	49.40 3.30 0.00	49.96 3.54 0.00	49.99 3.65 0.00	51.02 3.75 0.00	51.58 4.16 0.00	50.99 4.74 -0.19	52.34 4.88 0.00	64.00 5.69 0.00	87.88 6.69 -1.98	106.33 6.98 0.00	85.49 4.85 0.00	70.89 3.30 0.00	54.78 2.39 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.67 -0.02 0.00	31.74 -0.09 0.00	26.96 -0.11 0.00	22.72 -0.06 0.00	24.16 -0.08 0.00	26.05 -0.06 0.00	25.00 0.06 0.00	24.30 0.05 0.00	22.86 0.08 0.00	25.11 0.14 0.00	42.08 0.32 0.00	46.57 0.47 0.00	46.94 0.53 0.00	46.84 0.51 0.00	47.87 0.60 0.00	48.32 0.90 0.00	47.21 1.15 0.00	48.80 1.34 0.00	61.64 1.75 -1.58	87.01 2.60 -5.21	108.16 2.92 -5.89	84.73 1.77 -2.33	68.85 0.92 -0.35	52.77 0.38 0.00
HAMLTNNY_34_KV_TB 80303	37.86 0.17 0.00	31.90 0.07 0.00	27.06 -0.01 0.00	22.80 0.02 0.00	24.24 0.01 0.00	26.14 0.04 0.00	25.11 0.17 0.00	24.36 0.12 0.00	22.91 0.14 0.00	25.20 0.23 0.00	42.30 0.53 0.00	46.94 0.83 0.00	47.41 0.99 0.00	47.32 0.98 0.00	48.23 0.97 0.00	48.64 1.22 0.00	47.55 1.49 0.00	49.21 1.76 0.00	62.06 2.25 -1.51	87.67 3.48 -4.99	109.14 4.16 -5.63	85.45 2.60 -2.23	69.47 1.55 -0.33	53.16 0.77 0.00

HAMPSHIRE___PAPER_HYD 323593	38.26 0.57 0.00	32.14 0.30 0.00	27.17 0.09 0.00	22.87 0.08 0.00	24.24 0.00 0.00	26.16 0.06 0.00	24.82 -0.11 0.00	24.19 -0.06 0.00	22.70 -0.07 0.00	24.94 -0.03 0.00	41.32 -0.44 0.00	45.01 -1.09 0.00	44.78 -1.64 0.00	44.63 -1.71 0.00	45.57 -1.70 0.00	45.96 -1.45 0.00	44.05 -2.00 0.00	45.40 -2.06 0.00	57.12 -1.70 -0.51	79.78 -1.02 -1.59	101.94 0.80 -1.80	82.96 1.62 -0.71	68.50 0.81 -0.11	52.59 0.20 0.00
HARDSCRABBLE_WT_PWR 323673	37.93 0.24 0.00	32.17 0.34 0.00	27.50 0.43 0.00	23.21 0.43 0.00	24.75 0.51 0.00	26.65 0.55 0.00	25.62 0.69 0.00	24.82 0.58 0.00	23.08 0.31 0.00	25.04 0.08 0.00	41.75 -0.02 0.00	46.00 -0.11 0.00	46.52 0.10 0.00	46.54 0.20 0.00	47.43 0.16 0.00	47.85 0.44 0.00	47.05 1.00 0.00	49.01 1.55 0.00	60.84 2.53 0.00	83.03 3.83 0.00	103.29 3.94 0.00	83.35 2.72 0.00	69.20 1.61 0.00	53.29 0.90 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.17 1.48 0.00	33.16 1.33 0.00	28.29 1.22 0.00	23.85 1.07 0.00	25.36 1.12 0.00	27.36 1.26 0.00	26.43 1.49 0.00	25.73 1.48 0.00	21.74 1.42 2.46	24.84 1.57 1.69	44.57 2.80 0.00	49.25 3.15 0.00	49.83 3.41 0.00	49.84 3.50 0.00	50.83 3.56 0.00	51.35 3.94 0.00	50.75 4.50 -0.19	52.08 4.63 0.00	63.64 5.33 0.00	87.15 6.16 -1.79	105.66 6.31 0.00	84.96 4.32 0.00	70.47 2.89 0.00	54.42 2.03 0.00
HARSNRAD_115KV_TB1 81005	37.01 -0.67 0.00	31.04 -0.79 0.00	26.07 -1.01 0.00	21.96 -0.82 0.00	23.32 -0.92 0.00	25.08 -1.02 0.00	23.91 -1.03 0.00	22.90 -1.35 0.00	21.87 -0.90 0.00	24.52 -0.44 0.00	41.45 -0.32 0.00	46.38 0.28 0.00	46.66 0.24 0.00	46.35 0.00 0.00	46.96 -0.31 0.00	47.28 -0.14 0.00	46.42 0.37 0.00	48.19 0.73 0.00	58.80 0.50 0.00	81.06 1.86 0.00	101.59 2.24 0.00	80.40 -0.23 0.00	66.88 -0.71 0.00	51.32 -1.07 0.00
HARZA MOOSE___RIVER 24016	38.34 0.65 0.00	32.23 0.40 0.00	27.30 0.23 0.00	23.05 0.26 0.00	24.50 0.27 0.00	26.42 0.32 0.00	25.23 0.30 0.00	24.62 0.37 0.00	23.16 0.38 0.00	25.46 0.49 0.00	42.47 0.70 0.00	46.43 0.33 0.00	46.56 0.14 0.00	46.53 0.19 0.00	47.51 0.24 0.00	47.99 0.57 0.00	46.68 0.62 0.00	48.17 0.71 0.00	60.42 1.70 -0.41	83.65 3.11 -1.34	105.50 4.64 -1.51	85.42 4.18 -0.60	69.88 2.21 -0.09	53.30 0.91 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.42 -0.26 0.00	31.54 -0.29 0.00	26.81 -0.27 0.00	22.57 -0.21 0.00	24.02 -0.22 0.00	25.89 -0.21 0.00	24.83 -0.10 0.00	24.14 -0.10 0.00	22.74 -0.04 0.00	25.00 0.04 0.00	41.97 0.21 0.00	46.48 0.37 0.00	46.85 0.43 0.00	46.80 0.46 0.00	47.72 0.45 0.00	48.08 0.66 0.00	46.98 0.93 0.00	48.52 1.07 0.00	60.54 1.37 -0.86	84.09 2.03 -2.85	104.73 2.16 -3.22	83.09 1.19 -1.27	68.20 0.43 -0.19	52.42 0.03 0.00
HELLGATE_13_KV_LD 55870	39.48 1.80 0.00	33.56 1.73 0.00	28.63 1.56 0.00	24.07 1.29 0.00	25.62 1.38 0.00	27.68 1.58 0.00	26.93 2.00 0.00	26.25 2.00 0.00	27.07 1.94 -2.35	28.75 2.18 -1.61	45.37 3.61 0.00	49.93 3.82 0.00	50.45 4.03 0.00	50.34 4.00 0.00	51.22 3.95 0.00	51.64 4.22 0.00	51.13 4.85 -0.22	52.25 4.79 0.00	57.03 5.20 6.48	69.53 5.77 15.44	80.35 5.66 24.66	63.95 3.90 20.58	55.35 2.57 14.81	51.14 1.94 3.18
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.48 1.80 0.00	33.56 1.73 0.00	28.63 1.56 0.00	24.07 1.29 0.00	25.62 1.38 0.00	27.68 1.58 0.00	26.93 2.00 0.00	26.25 2.00 0.00	27.07 1.94 -2.35	28.75 2.18 -1.61	45.37 3.61 0.00	49.93 3.82 0.00	50.45 4.03 0.00	50.34 4.00 0.00	51.22 3.95 0.00	51.64 4.22 0.00	51.13 4.85 -0.22	52.25 4.79 0.00	57.03 5.20 6.48	69.53 5.77 15.44	80.35 5.66 24.66	63.95 3.90 20.58	55.35 2.57 14.81	51.14 1.94 3.18
HEMPSTEAD___ 23647	39.20 1.51 0.00	33.27 1.44 0.00	28.39 1.31 0.00	23.93 1.15 0.00	25.42 1.18 0.00	27.48 1.38 0.00	26.63 1.70 0.00	25.92 1.67 0.00	26.63 1.52 -2.34	28.17 1.60 -1.61	44.97 3.20 0.00	49.14 3.04 0.00	49.70 3.28 0.00	49.69 3.35 0.00	50.63 3.36 0.00	51.23 3.81 0.00	50.47 4.19 -0.22	51.30 4.25 0.41	62.49 4.70 0.52	84.48 4.94 -0.34	81.89 4.50 21.96	80.76 3.12 2.99	57.46 1.69 11.81	52.63 1.30 1.05
HICKLING___1 23621	37.73 0.04 0.00	31.57 -0.26 0.00	26.86 -0.22 0.00	22.61 -0.18 0.00	24.09 -0.15 0.00	25.99 -0.11 0.00	24.99 0.05 0.00	24.18 -0.07 0.00	22.92 0.15 0.00	25.24 0.27 0.00	42.59 0.83 0.00	47.58 1.48 0.00	47.86 1.44 0.00	47.88 1.54 0.00	48.44 1.17 0.00	48.97 1.55 0.00	48.01 1.95 0.00	49.72 2.26 0.00	61.90 3.06 -0.53	86.42 4.88 -2.33	106.82 5.49 -1.98	84.32 2.91 -0.78	68.89 1.19 -0.12	52.73 0.35 0.00
HICKLING___2 23622	37.73 0.04 0.00	31.57 -0.26 0.00	26.86 -0.22 0.00	22.61 -0.18 0.00	24.09 -0.15 0.00	25.99 -0.11 0.00	24.99 0.05 0.00	24.18 -0.07 0.00	22.92 0.15 0.00	25.24 0.27 0.00	42.59 0.83 0.00	47.58 1.48 0.00	47.86 1.44 0.00	47.88 1.54 0.00	48.44 1.17 0.00	48.97 1.55 0.00	48.01 1.95 0.00	49.72 2.26 0.00	61.90 3.06 -0.53	86.42 4.88 -2.33	106.82 5.49 -1.98	84.32 2.91 -0.78	68.89 1.19 -0.12	52.73 0.35 0.00
HIGH FALLS___HY 23754	39.40 1.71 0.00	33.31 1.48 0.00	28.39 1.32 0.00	23.93 1.15 0.00	25.45 1.21 0.00	27.46 1.36 0.00	26.55 1.61 0.00	25.88 1.63 0.00	24.35 1.58 0.00	26.67 1.71 0.00	44.77 3.00 0.00	49.35 3.25 0.00	50.02 3.60 0.00	49.99 3.65 0.00	51.00 3.73 0.00	51.58 4.16 0.00	50.66 4.84 0.24	52.60 5.14 0.00	64.36 6.05 0.00	89.26 7.32 -2.73	107.13 7.78 0.00	86.07 5.44 0.00	71.28 3.69 0.00	54.94 2.55 0.00
HIGH_RIVER___SOLAR 323847	38.98 1.29 0.00	32.93 1.10 0.00	28.06 0.98 0.00	23.63 0.85 0.00	25.15 0.91 0.00	27.10 1.00 0.00	25.96 1.02 0.00	25.10 0.85 0.00	23.30 0.53 0.00	25.32 0.35 0.00	42.12 0.35 0.00	46.46 0.36 0.00	46.98 0.56 0.00	46.95 0.61 0.00	47.89 0.62 0.00	48.17 0.76 0.00	47.66 1.09 -0.51	49.01 1.55 0.00	60.86 2.55 0.00	103.95 4.24 -20.51	104.56 5.21 0.00	84.64 4.00 0.00	70.53 2.95 0.00	54.49 2.10 0.00
HILLBURN___GT 23639	39.07 1.38 0.00	33.09 1.25 0.00	28.24 1.17 0.00	23.81 1.02 0.00	25.31 1.07 0.00	27.30 1.21 0.00	26.40 1.46 0.00	25.69 1.44 0.00	21.30 1.37 2.84	24.51 1.49 1.96	44.44 2.68 0.00	49.12 3.02 0.00	49.67 3.25 0.00	49.63 3.29 0.00	50.57 3.30 0.00	51.07 3.65 0.00	50.44 4.19 -0.20	51.74 4.28 0.00	63.11 4.80 0.00	86.42 5.40 -1.81	104.76 5.41 0.00	84.25 3.62 0.00	69.89 2.31 0.00	54.01 1.62 0.00
HILLSIDE_115KV_TB1 80332	37.20 -0.48 0.00	31.19 -0.64 0.00	26.61 -0.47 0.00	22.40 -0.38 0.00	23.88 -0.36 0.00	25.75 -0.36 0.00	24.78 -0.16 0.00	23.98 -0.26 0.00	22.71 -0.06 0.00	24.95 -0.01 0.00	42.13 0.37 0.00	47.01 0.90 0.00	47.21 0.79 0.00	47.25 0.91 0.00	47.77 0.50 0.00	48.30 0.88 0.00	47.32 1.26 0.00	48.94 1.48 0.00	60.92 2.06 -0.55	84.75 3.13 -2.41	104.63 3.22 -2.05	82.88 1.44 -0.81	67.78 0.08 -0.12	52.04 -0.35 0.00

HISHELDN_WT_PWR 323625	37.23 -0.45 0.00	30.97 -0.86 0.00	26.08 -1.00 0.00	21.96 -0.83 0.00	23.36 -0.88 0.00	25.15 -0.95 0.00	24.04 -0.90 0.00	23.08 -1.17 0.00	22.06 -0.72 0.00	24.60 -0.37 0.00	41.46 -0.31 0.00	46.48 0.38 0.00	46.89 0.47 0.00	46.65 0.31 0.00	47.25 -0.02 0.00	47.61 0.20 0.00	46.75 0.70 0.00	48.52 1.06 0.00	59.54 1.23 0.00	82.44 3.23 0.00	103.38 4.03 0.00	81.66 1.03 0.00	67.40 -0.18 0.00	51.59 -0.80 0.00
HOLTSVILLE_IC_1 23690	39.16 1.48 0.00	33.35 1.52 0.00	28.42 1.34 0.00	23.95 1.16 0.00	25.43 1.19 0.00	27.54 1.44 0.00	26.69 1.76 0.00	25.96 1.72 0.00	26.50 1.39 -2.34	27.92 1.34 -1.61	44.86 3.10 0.00	48.72 2.62 0.00	49.17 2.75 0.00	49.28 2.94 0.00	50.12 2.86 0.00	50.50 3.32 0.24	48.45 3.62 1.24	55.66 3.73 -4.47	65.51 4.16 -3.04	86.57 4.12 -3.24	58.76 3.26 43.85	75.84 2.11 6.90	43.06 0.79 25.32	50.77 0.64 2.26
HOLTSVILLE_IC_10 23699	39.39 1.70 0.00	33.51 1.68 0.00	28.54 1.46 0.00	24.05 1.27 0.00	25.54 1.30 0.00	27.66 1.56 0.00	26.82 1.88 0.00	26.10 1.85 0.00	26.63 1.52 -2.34	28.08 1.51 -1.61	45.17 3.40 0.00	49.09 2.99 0.00	49.56 3.14 0.00	49.62 3.28 0.00	50.46 3.20 0.00	50.82 3.71 0.31	48.50 4.08 1.63	58.55 4.21 -6.88	67.87 4.74 -4.82	89.25 4.89 -5.16	60.02 4.14 43.47	76.55 2.76 6.84	43.76 1.28 25.10	51.17 1.02 2.24
HOLTSVILLE_IC_2 23691	39.16 1.48 0.00	33.35 1.52 0.00	28.42 1.34 0.00	23.95 1.16 0.00	25.43 1.19 0.00	27.54 1.44 0.00	26.69 1.76 0.00	25.96 1.72 0.00	26.50 1.39 -2.34	27.92 1.34 -1.61	44.86 3.10 0.00	48.72 2.62 0.00	49.17 2.75 0.00	49.28 2.94 0.00	50.12 2.86 0.00	50.50 3.32 0.24	48.45 3.62 1.24	55.66 3.73 -4.47	65.51 4.16 -3.04	86.57 4.12 -3.24	58.76 3.26 43.85	75.84 2.11 6.90	43.06 0.79 25.32	50.77 0.64 2.26
HOLTSVILLE_IC_3 23692	39.16 1.48 0.00	33.35 1.52 0.00	28.42 1.34 0.00	23.95 1.16 0.00	25.43 1.19 0.00	27.54 1.44 0.00	26.69 1.76 0.00	25.96 1.72 0.00	26.50 1.39 -2.34	27.92 1.34 -1.61	44.86 3.10 0.00	48.72 2.62 0.00	49.17 2.75 0.00	49.28 2.94 0.00	50.12 2.86 0.00	50.50 3.32 0.24	48.45 3.62 1.24	55.66 3.73 -4.47	65.51 4.16 -3.04	86.57 4.12 -3.24	58.76 3.26 43.85	75.84 2.11 6.90	43.06 0.79 25.32	50.77 0.64 2.26
HOLTSVILLE_IC_4 23693	39.16 1.48 0.00	33.35 1.52 0.00	28.42 1.34 0.00	23.95 1.16 0.00	25.43 1.19 0.00	27.54 1.44 0.00	26.69 1.76 0.00	25.96 1.72 0.00	26.50 1.39 -2.34	27.92 1.34 -1.61	44.86 3.10 0.00	48.72 2.62 0.00	49.17 2.75 0.00	49.28 2.94 0.00	50.12 2.86 0.00	50.50 3.32 0.24	48.45 3.62 1.24	55.66 3.73 -4.47	65.51 4.16 -3.04	86.57 4.12 -3.24	58.76 3.26 43.85	75.84 2.11 6.90	43.06 0.79 25.32	50.77 0.64 2.26
HOLTSVILLE_IC_5 23694	39.16 1.48 0.00	33.35 1.52 0.00	28.42 1.34 0.00	23.95 1.16 0.00	25.43 1.19 0.00	27.54 1.44 0.00	26.69 1.76 0.00	25.96 1.72 0.00	26.50 1.39 -2.34	27.92 1.34 -1.61	44.86 3.10 0.00	48.72 2.62 0.00	49.17 2.75 0.00	49.28 2.94 0.00	50.12 2.86 0.00	50.50 3.32 0.24	48.45 3.62 1.24	55.66 3.73 -4.47	65.51 4.16 -3.04	86.57 4.12 -3.24	58.76 3.26 43.85	75.84 2.11 6.90	43.06 0.79 25.32	50.77 0.64 2.26
HOLTSVILLE_IC_6 23695	39.39 1.70 0.00	33.51 1.68 0.00	28.54 1.46 0.00	24.05 1.27 0.00	25.54 1.30 0.00	27.66 1.56 0.00	26.82 1.88 0.00	26.10 1.85 0.00	26.63 1.52 -2.34	28.08 1.51 -1.61	45.17 3.40 0.00	49.09 2.99 0.00	49.56 3.14 0.00	49.62 3.28 0.00	50.46 3.20 0.00	50.82 3.71 0.31	48.50 4.08 1.63	58.55 4.21 -6.88	67.87 4.74 -4.82	89.25 4.89 -5.16	60.02 4.14 43.47	76.55 2.76 6.84	43.76 1.28 25.10	51.17 1.02 2.24
HOLTSVILLE_IC_7 23696	39.39 1.70 0.00	33.51 1.68 0.00	28.54 1.46 0.00	24.05 1.27 0.00	25.54 1.30 0.00	27.66 1.56 0.00	26.82 1.88 0.00	26.10 1.85 0.00	26.63 1.52 -2.34	28.08 1.51 -1.61	45.17 3.40 0.00	49.09 2.99 0.00	49.56 3.14 0.00	49.62 3.28 0.00	50.46 3.20 0.00	50.82 3.71 0.31	48.50 4.08 1.63	58.55 4.21 -6.88	67.87 4.74 -4.82	89.25 4.89 -5.16	60.02 4.14 43.47	76.55 2.76 6.84	43.76 1.28 25.10	51.17 1.02 2.24
HOLTSVILLE_IC_8 23697	39.39 1.70 0.00	33.51 1.68 0.00	28.54 1.46 0.00	24.05 1.27 0.00	25.54 1.30 0.00	27.66 1.56 0.00	26.82 1.88 0.00	26.10 1.85 0.00	26.63 1.52 -2.34	28.08 1.51 -1.61	45.17 3.40 0.00	49.09 2.99 0.00	49.56 3.14 0.00	49.62 3.28 0.00	50.46 3.20 0.00	50.82 3.71 0.31	48.50 4.08 1.63	58.55 4.21 -6.88	67.87 4.74 -4.82	89.25 4.89 -5.16	60.02 4.14 43.47	76.55 2.76 6.84	43.76 1.28 25.10	51.17 1.02 2.24
HOLTSVILLE_IC_9 23698	39.39 1.70 0.00	33.51 1.68 0.00	28.54 1.46 0.00	24.05 1.27 0.00	25.54 1.30 0.00	27.66 1.56 0.00	26.82 1.88 0.00	26.10 1.85 0.00	26.63 1.52 -2.34	28.08 1.51 -1.61	45.17 3.40 0.00	49.09 2.99 0.00	49.56 3.14 0.00	49.62 3.28 0.00	50.46 3.20 0.00	50.82 3.71 0.31	48.50 4.08 1.63	58.55 4.21 -6.88	67.87 4.74 -4.82	89.25 4.89 -5.16	60.02 4.14 43.47	76.55 2.76 6.84	43.76 1.28 25.10	51.17 1.02 2.24
HOMER_HL_115KV_TB2 355744	37.48 -0.21 0.00	31.33 -0.50 0.00	26.57 -0.51 0.00	22.37 -0.41 0.00	23.81 -0.43 0.00	25.66 -0.44 0.00	24.69 -0.25 0.00	23.81 -0.43 0.00	22.76 -0.01 0.00	25.26 0.30 0.00	42.49 0.72 0.00	47.59 1.49 0.00	47.70 1.28 0.00	47.33 1.00 0.00	47.67 0.41 0.00	48.08 0.67 0.00	47.27 1.21 0.00	49.10 1.64 0.00	60.06 1.75 0.00	82.58 3.37 0.00	103.46 4.11 0.00	82.17 1.53 0.00	67.82 0.24 0.00	52.09 -0.30 0.00
HOWARD_WT_PWR 323690	37.23 -0.45 0.00	30.95 -0.88 0.00	26.19 -0.88 0.00	22.03 -0.76 0.00	23.47 -0.77 0.00	25.39 -0.71 0.00	24.33 -0.61 0.00	23.50 -0.74 0.00	22.46 -0.31 0.00	24.88 -0.09 0.00	41.63 -0.14 0.00	46.56 0.45 0.00	47.14 0.72 0.00	47.06 0.72 0.00	47.41 0.14 0.00	47.82 0.41 0.00	46.85 0.79 0.00	48.60 1.14 0.00	60.56 1.86 -0.39	85.47 4.50 -1.77	106.37 5.56 -1.46	83.11 1.90 -0.58	67.94 0.27 -0.09	51.55 -0.84 0.00
HQ_GEN_CEDARS 23644	38.13 0.44 0.00	32.13 0.30 0.00	27.19 0.11 0.00	22.80 0.02 0.00	24.20 -0.04 0.00	26.08 -0.03 0.00	24.71 -0.23 0.00	24.01 -0.23 0.00	22.55 -0.22 0.00	24.75 -0.22 0.00	41.26 -0.51 0.00	45.42 -0.68 0.00	45.39 -1.02 0.00	45.07 -1.27 0.00	45.96 -1.30 0.00	45.88 -1.53 0.00	43.38 -2.68 0.00	44.74 -2.72 0.00	54.88 -3.42 0.00	75.63 -3.58 0.00	97.08 -2.27 0.00	79.33 -1.30 0.00	67.34 -0.24 0.00	52.50 0.11 0.00
HQ_GEN_CEDARS_PROXY 323590	38.13 0.44 0.00	32.13 0.30 0.00	27.14 0.11 0.05	22.80 0.02 0.00	24.20 -0.04 0.00	26.08 -0.03 0.00	24.71 -0.23 0.00	24.01 -0.23 0.00	22.55 -0.22 0.00	24.75 -0.22 0.00	41.26 -0.51 0.00	45.42 -0.68 0.00	45.39 -1.02 0.00	45.07 -1.27 0.00	45.96 -1.30 0.00	45.88 -1.53 0.00	43.38 -2.68 0.00	44.74 -2.71 0.00	54.88 -3.42 0.00	75.63 -3.58 0.00	97.08 -2.27 0.00	79.33 -1.30 0.00	67.34 -0.24 0.00	52.50 0.11 0.00

HQ_GEN_IMPORT 323601	37.83 0.14 0.00	32.13 0.06 -0.23	26.86 -0.04 0.18	22.69 -0.09 0.00	24.12 -0.11 0.00	25.98 -0.12 0.00	24.65 -0.29 0.00	23.97 -0.28 0.00	22.50 -0.28 0.00	24.67 -0.29 0.00	41.33 -0.50 -0.07	49.00 -0.58 -3.48	45.70 -0.72 0.00	45.55 0.00 0.00	46.47 -0.80 0.00	46.05 -1.03 0.34	44.55 -1.50 0.00	47.28 -1.63 -1.45	56.32 -1.99 0.00	76.79 -2.41 0.00	76.01 -2.09 21.25	79.80 -1.12 -0.29	67.21 -0.37 0.00	52.32 -0.07 0.00
HQ_GEN_WHEEL 23651	37.83 0.14 0.00	32.13 0.06 -0.23	26.86 -0.04 0.18	22.69 -0.09 0.00	24.12 -0.11 0.00	25.98 -0.12 0.00	24.65 -0.29 0.00	23.97 -0.28 0.00	22.50 -0.28 0.00	24.67 -0.29 0.00	41.33 -0.50 -0.07	49.00 -0.58 -3.48	45.70 -0.72 0.00	45.55 -0.79 0.00	46.47 -0.80 0.00	46.05 -1.03 0.34	44.55 -1.50 0.00	47.28 -1.63 -1.45	56.32 -1.99 0.00	76.79 -2.41 0.00	76.01 -2.09 21.25	79.80 -1.12 -0.29	67.21 -0.37 0.00	52.32 -0.07 0.00
HUDSON AVE_GT_3 23810	39.43 1.75 0.00	33.44 1.61 0.00	28.53 1.45 0.00	24.04 1.25 0.00	25.57 1.33 0.00	27.61 1.51 0.00	26.79 1.85 0.00	26.09 1.85 0.00	26.91 1.79 -2.35	28.57 1.99 -1.62	45.17 3.40 0.00	49.81 3.71 0.00	50.30 3.88 0.00	50.24 3.90 0.00	51.19 3.93 0.00	51.69 4.28 0.00	51.17 4.89 -0.22	52.27 4.81 0.00	63.57 5.26 0.00	86.91 5.81 -1.90	105.06 5.71 0.00	84.53 3.90 0.00	70.18 2.60 0.00	54.36 1.97 0.00
HUDSON AVE_GT_4 23540	39.43 1.75 0.00	33.44 1.61 0.00	28.53 1.45 0.00	24.04 1.25 0.00	25.57 1.33 0.00	27.61 1.51 0.00	26.79 1.85 0.00	26.09 1.85 0.00	26.91 1.79 -2.35	28.57 1.99 -1.62	45.17 3.40 0.00	49.81 3.71 0.00	50.30 3.88 0.00	50.24 3.90 0.00	51.19 3.93 0.00	51.69 4.28 0.00	51.17 4.89 -0.22	52.27 4.81 0.00	63.57 5.26 0.00	86.91 5.81 -1.90	105.06 5.71 0.00	84.53 3.90 0.00	70.18 2.60 0.00	54.36 1.97 0.00
HUDSON AVE_GT_5 23657	39.43 1.75 0.00	33.44 1.61 0.00	28.53 1.45 0.00	24.04 1.25 0.00	25.57 1.33 0.00	27.61 1.51 0.00	26.79 1.85 0.00	26.09 1.85 0.00	26.91 1.79 -2.35	28.57 1.99 -1.62	45.17 3.40 0.00	49.81 3.71 0.00	50.30 3.88 0.00	50.24 3.90 0.00	51.19 3.93 0.00	51.69 4.28 0.00	51.17 4.89 -0.22	52.27 4.81 0.00	63.57 5.26 0.00	86.91 5.81 -1.90	105.06 5.71 0.00	84.53 3.90 0.00	70.18 2.60 0.00	54.36 1.97 0.00
HUDSON_AVE_10 24168	39.31 1.63 0.00	33.35 1.52 0.00	28.47 1.39 0.00	23.98 1.20 0.00	25.50 1.26 0.00	27.53 1.43 0.00	26.71 1.78 0.00	26.03 1.78 0.00	26.86 1.74 -2.35	28.51 1.93 -1.62	45.03 3.26 0.00	49.66 3.56 0.00	50.14 3.72 0.00	50.07 3.73 0.00	51.02 3.75 0.00	51.52 4.10 0.00	50.99 4.71 -0.22	52.39 4.63 -0.30	63.74 5.05 -0.38	87.22 5.57 -2.45	105.76 5.37 -1.04	84.54 3.62 -0.28	70.04 2.46 0.00	54.25 1.87 0.00
HUDSON___115KV_TB 4 355613	38.31 0.62 0.00	32.53 0.70 0.00	27.85 0.78 0.00	23.53 0.75 0.00	25.02 0.78 0.00	26.92 0.82 0.00	25.86 0.93 0.00	25.11 0.86 0.00	23.42 0.65 0.00	25.39 0.42 0.00	42.28 0.52 0.00	46.55 0.45 0.00	47.01 0.59 0.00	47.00 0.66 0.00	48.01 0.74 0.00	48.32 0.90 0.00	44.69 1.44 2.81	49.21 1.75 0.00	60.86 2.55 0.00	91.31 3.52 -8.58	103.13 3.78 0.00	83.29 2.66 0.00	69.33 1.74 0.00	53.59 1.20 0.00
HUNTER MOUNT___DRP 323613	38.35 0.66 0.00	32.57 0.74 0.00	27.88 0.80 0.00	23.56 0.78 0.00	25.05 0.81 0.00	26.94 0.84 0.00	25.87 0.94 0.00	25.14 0.90 0.00	23.46 0.69 0.00	25.42 0.45 0.00	42.35 0.59 0.00	46.65 0.55 0.00	47.15 0.73 0.00	47.16 0.83 0.00	48.23 0.97 0.00	48.62 1.20 0.00	45.63 1.73 2.16	49.54 2.08 0.00	61.31 3.01 0.00	90.69 4.12 -7.36	103.89 4.55 0.00	83.90 3.26 0.00	69.80 2.21 0.00	53.92 1.53 0.00
HUNTINGTON_RES_REC 323705	39.11 1.42 0.00	33.31 1.48 0.00	28.38 1.31 0.00	23.93 1.15 0.00	25.41 1.17 0.00	27.49 1.40 0.00	26.65 1.72 0.00	25.93 1.68 0.00	26.50 1.38 -2.34	27.92 1.34 -1.61	44.93 3.17 0.00	48.71 2.61 0.00	49.20 2.78 0.00	49.34 3.00 0.00	50.20 2.94 0.00	49.96 3.43 0.89	43.56 3.77 6.27	46.93 3.86 4.38	59.35 4.27 3.24	79.75 4.25 3.71	59.36 3.35 43.34	76.01 2.20 6.82	43.40 0.84 25.02	50.86 0.71 2.23
HUNTLEY___63 23557	37.46 -0.23 0.00	31.39 -0.44 0.00	26.34 -0.74 0.00	22.19 -0.59 0.00	23.56 -0.68 0.00	25.35 -0.75 0.00	24.20 -0.73 0.00	23.20 -1.05 0.00	22.19 -0.59 0.00	24.91 -0.06 0.00	42.18 0.42 0.00	47.30 1.20 0.00	47.55 1.13 0.00	47.20 0.86 0.00	47.86 0.59 0.00	48.19 0.78 0.00	47.33 1.27 0.00	49.09 1.62 0.00	59.87 1.56 0.00	82.46 3.25 0.00	103.18 3.83 0.00	81.51 0.87 0.00	67.77 0.18 0.00	52.10 -0.29 0.00
HUNTLEY___64 23558	37.46 -0.23 0.00	31.39 -0.44 0.00	26.34 -0.74 0.00	22.19 -0.59 0.00	23.56 -0.68 0.00	25.35 -0.75 0.00	24.20 -0.73 0.00	23.20 -1.05 0.00	22.19 -0.59 0.00	24.91 -0.06 0.00	42.18 0.42 0.00	47.30 1.20 0.00	47.55 1.13 0.00	47.20 0.86 0.00	47.86 0.59 0.00	48.19 0.78 0.00	47.33 1.27 0.00	49.09 1.62 0.00	59.87 1.56 0.00	82.46 3.25 0.00	103.18 3.83 0.00	81.51 0.87 0.00	67.77 0.18 0.00	52.10 -0.29 0.00
HUNTLEY___65 23559	37.46 -0.23 0.00	31.39 -0.44 0.00	26.34 -0.74 0.00	22.19 -0.59 0.00	23.56 -0.68 0.00	25.35 -0.75 0.00	24.20 -0.73 0.00	23.20 -1.05 0.00	22.19 -0.59 0.00	24.91 -0.06 0.00	42.18 0.42 0.00	47.30 1.20 0.00	47.55 1.13 0.00	47.20 0.86 0.00	47.86 0.59 0.00	48.19 0.78 0.00	47.33 1.27 0.00	49.09 1.62 0.00	59.87 1.56 0.00	82.46 3.25 0.00	103.18 3.83 0.00	81.51 0.87 0.00	67.77 0.18 0.00	52.10 -0.29 0.00
HUNTLEY___66 23560	37.46 -0.23 0.00	31.39 -0.44 0.00	26.34 -0.74 0.00	22.19 -0.59 0.00	23.56 -0.68 0.00	25.35 -0.75 0.00	24.20 -0.73 0.00	23.20 -1.05 0.00	22.19 -0.59 0.00	24.91 -0.06 0.00	42.18 0.42 0.00	47.30 1.20 0.00	47.55 1.13 0.00	47.20 0.86 0.00	47.86 0.59 0.00	48.19 0.78 0.00	47.33 1.27 0.00	49.09 1.62 0.00	59.87 1.56 0.00	82.46 3.25 0.00	103.18 3.83 0.00	81.51 0.87 0.00	67.77 0.18 0.00	52.10 -0.29 0.00
HUNTLEY___67 23561	37.14 -0.55 0.00	31.12 -0.71 0.00	26.17 -0.91 0.00	22.04 -0.75 0.00	23.40 -0.84 0.00	25.18 -0.92 0.00	24.06 -0.87 0.00	23.07 -1.18 0.00	22.06 -0.71 0.00	24.73 -0.24 0.00	41.86 0.09 0.00	46.94 0.83 0.00	47.24 0.82 0.00	46.95 0.61 0.00	47.62 0.35 0.00	47.98 0.57 0.00	47.13 1.08 0.00	48.87 1.42 0.00	59.67 1.36 0.00	82.12 2.92 0.00	102.89 3.55 0.00	81.35 0.72 0.00	67.51 -0.08 0.00	51.80 -0.59 0.00
HUNTLEY___68 23562	37.14 -0.55 0.00	31.12 -0.71 0.00	26.17 -0.91 0.00	22.04 -0.75 0.00	23.40 -0.84 0.00	25.18 -0.92 0.00	24.06 -0.87 0.00	23.07 -1.18 0.00	22.06 -0.71 0.00	24.73 -0.24 0.00	41.86 0.09 0.00	46.94 0.83 0.00	47.24 0.82 0.00	46.95 0.61 0.00	47.62 0.35 0.00	47.98 0.57 0.00	47.13 1.08 0.00	48.87 1.42 0.00	59.67 1.36 0.00	82.12 2.92 0.00	102.89 3.55 0.00	81.35 0.72 0.00	67.51 -0.08 0.00	51.80 -0.59 0.00

HYLAND___LFGE 323620	39.74 2.05 0.00	33.14 1.30 0.00	27.97 0.90 0.00	23.52 0.74 0.00	25.03 0.80 0.00	27.06 0.97 0.00	26.02 1.08 0.00	24.98 0.73 0.00	23.25 0.48 0.00	25.03 0.06 0.00	41.92 0.15 0.00	46.90 0.79 0.00	46.42 0.00 0.00	45.09 -1.25 0.00	45.45 -1.81 0.00	45.82 -1.60 0.00	44.94 -1.12 0.00	46.74 -0.72 0.00	57.26 -1.05 0.00	80.19 0.99 0.00	101.07 1.72 0.00	81.71 1.07 0.00	72.90 5.31 0.00	54.71 2.32 0.00
INDECK___CORINTH 23802	39.14 1.45 0.00	33.25 1.42 0.00	28.30 1.23 0.00	23.89 1.10 0.00	25.43 1.20 0.00	27.37 1.27 0.00	26.30 1.36 0.00	25.61 1.36 0.00	23.89 1.11 0.00	25.86 0.89 0.00	42.87 1.11 0.00	47.34 1.24 0.00	47.83 1.41 0.00	47.99 1.66 0.00	49.23 1.97 0.00	49.94 2.53 0.00	50.08 3.16 -0.87	50.97 3.51 0.00	63.46 5.15 0.00	105.68 6.82 -19.65	106.18 6.83 0.00	85.82 5.19 0.00	71.24 3.66 0.00	54.86 2.47 0.00
INDECK___ILION 23567	37.85 0.17 0.00	32.05 0.21 0.00	27.35 0.27 0.00	23.07 0.29 0.00	24.57 0.33 0.00	26.45 0.35 0.00	25.38 0.44 0.00	24.64 0.39 0.00	23.02 0.24 0.00	25.08 0.12 0.00	41.89 0.13 0.00	46.20 0.09 0.00	46.64 0.22 0.00	46.65 0.31 0.00	47.58 0.31 0.00	47.89 0.48 0.00	46.90 0.84 0.00	48.60 1.14 0.00	60.07 1.76 0.00	81.73 2.52 0.00	101.90 2.55 0.00	82.39 1.76 0.00	68.64 1.05 0.00	52.98 0.60 0.00
INDECK___OLEAN 23982	37.47 -0.21 0.00	31.33 -0.50 0.00	26.57 -0.50 0.00	22.37 -0.41 0.00	23.81 -0.43 0.00	25.68 -0.42 0.00	24.69 -0.25 0.00	23.81 -0.43 0.00	22.77 0.00 0.00	25.27 0.30 0.00	42.49 0.72 0.00	47.59 1.49 0.00	47.69 1.28 0.00	47.33 0.99 0.00	47.67 0.41 0.00	48.09 0.67 0.00	47.27 1.21 0.00	49.11 1.65 0.00	60.08 1.77 0.00	82.60 3.39 0.00	103.51 4.16 0.00	82.18 1.55 0.00	67.84 0.26 0.00	52.09 -0.30 0.00
INDECK___OSWEGO 23783	36.91 -0.77 0.00	31.12 -0.71 0.00	26.45 -0.62 0.00	22.28 -0.50 0.00	23.71 -0.52 0.00	25.55 -0.55 0.00	24.48 -0.45 0.00	23.81 -0.44 0.00	22.39 -0.38 0.00	24.57 -0.39 0.00	40.94 -0.83 0.00	45.13 -0.98 0.00	45.40 -1.02 0.00	45.40 -0.93 0.00	46.33 -0.94 0.00	46.68 -0.74 0.00	45.53 -0.53 0.00	46.95 -0.50 0.00	61.58 -0.50 -3.77	91.22 -0.44 -12.45	112.71 -0.70 -14.06	85.31 -0.88 -5.56	67.17 -1.25 -0.83	51.14 -1.25 0.00
INDECK___YERKES 23781	37.50 -0.19 0.00	31.42 -0.41 0.00	26.37 -0.71 0.00	22.21 -0.57 0.00	23.58 -0.66 0.00	25.39 -0.71 0.00	24.22 -0.71 0.00	23.23 -1.02 0.00	22.21 -0.56 0.00	24.94 -0.03 0.00	42.22 0.46 0.00	47.35 1.25 0.00	47.55 1.13 0.00	47.18 0.84 0.00	47.86 0.59 0.00	48.19 0.78 0.00	47.31 1.25 0.00	49.09 1.63 0.00	59.88 1.57 0.00	82.46 3.26 0.00	103.22 3.87 0.00	81.49 0.86 0.00	67.78 0.19 0.00	52.10 -0.30 0.00
INDIAN POINT_GT_1 24139	39.04 1.35 0.00	33.10 1.27 0.00	28.26 1.18 0.00	23.83 1.04 0.00	25.33 1.10 0.00	27.34 1.24 0.00	26.44 1.51 0.00	25.73 1.49 0.00	26.77 1.42 -2.58	28.27 1.53 -1.78	44.44 2.68 0.00	49.02 2.91 0.00	49.53 3.11 0.00	49.49 3.15 0.00	50.45 3.18 0.00	50.93 3.52 0.00	50.34 4.06 -0.22	51.56 4.11 0.00	62.90 4.59 0.00	86.20 5.11 -1.88	104.36 5.01 0.00	83.99 3.35 0.00	69.71 2.13 0.00	53.93 1.54 0.00
INDIAN POINT_GT_2 23659	39.04 1.35 0.00	33.10 1.27 0.00	28.26 1.18 0.00	23.83 1.04 0.00	25.33 1.10 0.00	27.34 1.24 0.00	26.44 1.51 0.00	25.73 1.49 0.00	26.77 1.42 -2.58	28.27 1.53 -1.78	44.44 2.68 0.00	49.02 2.91 0.00	49.53 3.11 0.00	49.49 3.15 0.00	50.45 3.18 0.00	50.93 3.52 0.00	50.34 4.06 -0.22	51.56 4.11 0.00	62.90 4.59 0.00	86.20 5.11 -1.88	104.36 5.01 0.00	83.99 3.35 0.00	69.71 2.13 0.00	53.93 1.54 0.00
INDIAN POINT_GT_3 24019	39.04 1.35 0.00	33.10 1.27 0.00	28.26 1.18 0.00	23.83 1.04 0.00	25.33 1.10 0.00	27.34 1.24 0.00	26.44 1.51 0.00	25.73 1.49 0.00	26.77 1.42 -2.58	28.27 1.53 -1.78	44.44 2.68 0.00	49.02 2.91 0.00	49.53 3.11 0.00	49.49 3.15 0.00	50.45 3.18 0.00	50.93 3.52 0.00	50.34 4.06 -0.22	51.56 4.11 0.00	62.90 4.59 0.00	86.20 5.11 -1.88	104.36 5.01 0.00	83.99 3.35 0.00	69.71 2.13 0.00	53.93 1.54 0.00
INDIAN POINT___2 23530	39.00 1.31 0.00	33.06 1.23 0.00	28.22 1.14 0.00	23.79 1.01 0.00	25.30 1.07 0.00	27.29 1.19 0.00	26.41 1.47 0.00	25.70 1.45 0.00	27.69 1.38 -3.54	28.89 1.49 -2.44	44.39 2.62 0.00	48.99 2.88 0.00	49.51 3.09 0.00	49.44 3.10 0.00	50.39 3.12 0.00	50.88 3.47 0.00	50.28 4.01 -0.21	51.50 4.04 0.00	62.83 4.52 0.00	86.07 5.02 -1.85	104.26 4.91 0.00	83.91 3.27 0.00	69.64 2.05 0.00	53.87 1.48 0.00
INDIAN POINT___3 23531	38.98 1.29 0.00	33.05 1.21 0.00	28.23 1.15 0.00	23.80 1.01 0.00	25.31 1.07 0.00	27.29 1.20 0.00	26.41 1.47 0.00	25.70 1.45 0.00	26.81 1.37 -2.66	28.28 1.49 -1.83	44.36 2.59 0.00	48.93 2.83 0.00	49.44 3.03 0.00	49.40 3.06 0.00	50.35 3.08 0.00	50.83 3.41 0.00	50.24 3.97 -0.22	51.45 4.00 0.00	62.79 4.48 0.00	86.04 4.95 -1.88	104.19 4.84 0.00	83.86 3.23 0.00	69.62 2.03 0.00	53.86 1.47 0.00
INGHAM_C_115KV_TB7 356103	37.92 0.23 0.00	32.22 0.38 0.00	27.58 0.50 0.00	23.31 0.52 0.00	24.85 0.60 0.00	26.74 0.65 0.00	25.75 0.82 0.00	24.90 0.66 0.00	23.08 0.30 0.00	24.95 -0.02 0.00	41.55 -0.22 0.00	45.74 -0.36 0.00	46.32 -0.10 0.00	46.43 0.09 0.00	47.34 0.07 0.00	47.85 0.43 0.00	47.13 1.07 0.00	49.20 1.74 0.00	61.22 2.91 0.00	83.63 4.43 0.00	103.96 4.61 0.00	83.84 3.20 0.00	69.48 1.90 0.00	53.48 1.09 0.00
IP CORINTH___1 23988	39.35 1.66 0.00	33.41 1.58 0.00	28.44 1.36 0.00	24.00 1.22 0.00	25.56 1.32 0.00	27.50 1.40 0.00	26.43 1.50 0.00	25.73 1.49 0.00	24.01 1.23 0.00	26.00 1.03 0.00	43.12 1.35 0.00	47.62 1.51 0.00	48.09 1.67 0.00	48.27 1.93 0.00	49.51 2.24 0.00	50.23 2.82 0.00	50.35 3.43 -0.87	51.25 3.79 0.00	63.79 5.48 0.00	106.16 7.30 -19.65	106.77 7.42 0.00	86.31 5.67 0.00	71.63 4.05 0.00	55.17 2.78 0.00
IP___TICONDEROGA 23804	41.59 3.90 0.00	35.50 3.66 0.00	29.87 2.80 0.00	25.30 2.52 0.00	26.98 2.74 0.00	28.90 2.80 0.00	27.83 2.90 0.00	26.97 2.73 0.00	25.03 2.26 0.00	26.84 1.88 0.00	44.61 2.85 0.00	49.36 3.25 0.00	49.91 3.49 0.00	50.31 3.97 0.00	51.83 4.56 0.00	53.23 5.81 0.00	53.89 6.92 -0.91	54.61 7.15 0.00	67.80 9.49 0.00	111.97 13.30 -19.47	112.30 12.95 0.00	90.60 9.97 0.00	74.99 7.40 0.00	58.10 5.70 0.00
ISLIP_RES_REC 323679	39.63 1.94 0.00	33.71 1.88 0.00	28.67 1.59 0.00	24.16 1.37 0.00	25.66 1.42 0.00	27.79 1.69 0.00	26.95 2.02 0.00	26.23 1.99 0.00	26.78 1.67 -2.34	28.26 1.68 -1.61	45.49 3.72 0.00	49.47 3.36 0.00	49.94 3.52 0.00	50.05 3.71 0.00	50.91 3.64 0.00	51.29 4.17 0.30	49.13 4.55 1.47	61.77 4.71 -9.61	70.43 5.32 -6.80	92.18 5.66 -7.32	61.17 5.04 43.22	77.27 3.44 6.80	44.42 1.79 24.96	51.55 1.39 2.23

JAMAICA__27_KV_LOAD 355505	39.64 1.95 0.00	33.63 1.80 0.00	28.71 1.64 0.00	24.17 1.38 0.00	25.69 1.45 0.00	27.74 1.64 0.00	26.93 2.00 0.00	26.24 2.00 0.00	27.07 1.95 -2.35	28.73 2.14 -1.62	45.30 3.54 0.00	50.03 3.92 0.00	50.47 4.05 0.00	50.43 4.09 0.00	51.38 4.12 0.00	51.88 4.47 0.00	51.37 5.09 -0.22	52.85 5.01 -0.37	64.38 5.59 -0.47	88.26 6.48 -2.58	106.93 6.29 -1.29	85.43 4.45 -0.35	70.89 3.30 0.00	54.89 2.50 0.00
JANIS__SOLAR 323808	38.95 1.26 0.00	32.73 0.90 0.00	27.80 0.72 0.00	23.42 0.64 0.00	24.95 0.71 0.00	26.97 0.87 0.00	25.91 0.97 0.00	25.16 0.91 0.00	23.58 0.80 0.00	25.79 0.82 0.00	43.27 1.51 0.00	47.94 1.84 0.00	48.62 2.20 0.00	48.52 2.18 0.00	49.13 1.87 0.00	49.63 2.21 0.00	48.74 2.69 0.00	50.67 3.21 0.00	63.79 4.78 -0.70	90.60 7.92 -3.47	111.69 9.72 -2.62	88.44 6.77 -1.04	72.11 4.37 -0.15	55.19 2.80 0.00
JARVIS____ 23743	37.69 0.00 0.00	31.86 0.04 0.00	27.13 0.05 0.00	22.85 0.07 0.00	24.33 0.09 0.00	26.19 0.09 0.00	25.07 0.13 0.00	24.39 0.15 0.00	22.90 0.12 0.00	25.09 0.13 0.00	41.96 0.19 0.00	46.29 0.18 0.00	46.64 0.23 0.00	46.59 0.26 0.00	47.51 0.25 0.00	47.73 0.31 0.00	46.51 0.45 0.00	47.93 0.48 0.00	58.95 0.64 0.00	79.98 0.78 0.00	99.97 0.62 0.00	81.06 0.43 0.00	67.79 0.20 0.00	52.48 0.09 0.00
JENNISON____1 23625	38.86 1.17 0.00	32.73 0.90 0.00	27.90 0.82 0.00	23.56 0.78 0.00	25.12 0.88 0.00	27.19 1.09 0.00	26.18 1.24 0.00	25.58 1.33 0.00	23.78 1.35 0.34	26.30 1.57 0.24	44.74 2.98 0.00	49.53 3.43 0.00	50.23 3.81 0.00	50.08 3.74 0.00	50.74 3.47 0.00	51.22 3.80 0.00	50.23 4.17 0.00	52.01 4.55 0.00	64.65 5.96 -0.38	91.13 8.66 -3.27	110.55 9.77 -1.43	87.83 6.64 -0.57	71.71 4.04 -0.08	55.11 2.72 0.00
JENNISON____2 23626	38.86 1.17 0.00	32.73 0.90 0.00	27.90 0.82 0.00	23.56 0.78 0.00	25.12 0.88 0.00	27.19 1.09 0.00	26.18 1.24 0.00	25.58 1.33 0.00	23.78 1.35 0.34	26.30 1.57 0.24	44.74 2.98 0.00	49.53 3.43 0.00	50.23 3.81 0.00	50.08 3.74 0.00	50.74 3.47 0.00	51.22 3.80 0.00	50.23 4.17 0.00	52.01 4.55 0.00	64.65 5.96 -0.38	91.13 8.66 -3.27	110.55 9.77 -1.43	87.83 6.64 -0.57	71.71 4.04 -0.08	55.11 2.72 0.00
JERICOHO_RISE_WT_PWR 323719	37.58 -0.11 0.00	31.61 -0.22 0.00	26.77 -0.30 0.00	22.44 -0.34 0.00	23.78 -0.46 0.00	25.62 -0.48 0.00	24.30 -0.63 0.00	23.67 -0.58 0.00	22.10 -0.68 0.00	24.18 -0.79 0.00	40.35 -1.42 0.00	44.31 -1.80 0.00	44.30 -2.12 0.00	44.14 -2.20 0.00	45.07 -2.19 0.00	45.06 -2.36 0.00	43.20 -2.86 0.00	44.50 -2.96 0.00	54.87 -3.44 0.00	75.34 -3.86 0.00	95.37 -3.98 0.00	77.30 -3.33 0.00	65.35 -2.24 0.00	51.00 -1.38 0.00
KATONAH__115KV_46KV_TB4 355592	39.14 1.45 0.00	33.19 1.36 0.00	28.33 1.26 0.00	23.90 1.12 0.00	25.41 1.17 0.00	27.41 1.31 0.00	26.53 1.59 0.00	25.83 1.59 0.00	25.57 1.51 -1.29	27.49 1.64 -0.88	44.60 2.84 0.00	49.21 3.11 0.00	49.75 3.33 0.00	49.75 3.41 0.00	50.75 3.49 0.00	51.23 3.82 0.00	50.66 4.37 -0.23	51.90 4.44 0.00	63.34 5.03 0.00	86.86 5.71 -1.94	105.06 5.71 0.00	84.53 3.90 0.00	70.15 2.57 0.00	54.24 1.85 0.00
KCE_NY_1 323755	39.25 1.56 0.00	33.28 1.45 0.00	28.40 1.33 0.00	23.97 1.19 0.00	25.51 1.27 0.00	27.46 1.36 0.00	26.36 1.42 0.00	25.72 1.47 0.00	23.99 1.21 0.00	26.10 1.14 0.00	43.46 1.69 0.00	47.92 1.82 0.00	48.39 1.98 0.00	48.46 2.12 0.00	49.72 2.45 0.00	50.21 2.80 0.00	50.36 3.34 -0.96	51.10 3.64 0.00	63.21 4.90 0.00	104.80 6.38 -19.21	105.99 6.64 0.00	85.58 4.94 0.00	71.27 3.68 0.00	55.06 2.67 0.00
KCE_NY_6_ESR 323823	37.57 -0.11 0.00	31.41 -0.42 0.00	26.41 -0.67 0.00	22.21 -0.57 0.00	23.60 -0.64 0.00	25.43 -0.67 0.00	24.29 -0.65 0.00	23.31 -0.93 0.00	22.35 -0.43 0.00	25.02 0.05 0.00	42.36 0.60 0.00	47.53 1.43 0.00	47.89 1.47 0.00	47.60 1.27 0.00	48.26 0.99 0.00	48.64 1.22 0.00	47.86 1.80 0.00	49.75 2.29 0.00	60.79 2.48 0.00	83.65 4.45 0.00	104.75 5.40 0.00	82.71 2.08 0.00	68.49 0.90 0.00	52.47 0.08 0.00
KEDC_PORT_JEFF_GT2 24210	39.26 1.57 0.00	33.42 1.59 0.00	28.47 1.39 0.00	23.98 1.20 0.00	25.48 1.25 0.00	27.59 1.49 0.00	26.74 1.80 0.00	26.01 1.76 0.00	26.54 1.43 -2.34	27.97 1.40 -1.61	45.04 3.27 0.00	48.94 2.84 0.00	49.42 3.00 0.00	49.54 3.21 0.00	50.41 3.14 0.00	50.62 3.55 0.34	47.64 3.55 1.97	55.86 3.64 -4.76	65.64 4.04 -3.29	86.60 3.91 -3.48	58.70 2.96 43.61	75.56 1.79 6.86	42.97 0.56 25.18	50.92 0.78 2.25
KEDC_PORT_JEFF_GT3 24211	39.26 1.57 0.00	33.42 1.59 0.00	28.47 1.39 0.00	23.98 1.20 0.00	25.48 1.25 0.00	27.59 1.49 0.00	26.74 1.80 0.00	26.01 1.76 0.00	26.54 1.43 -2.34	27.97 1.40 -1.61	45.04 3.27 0.00	48.94 2.84 0.00	49.42 3.00 0.00	49.54 3.21 0.00	50.41 3.14 0.00	50.62 3.55 0.34	47.64 3.55 1.97	55.86 3.64 -4.76	65.64 4.04 -3.29	86.60 3.91 -3.48	58.70 2.96 43.61	75.56 1.79 6.86	42.97 0.56 25.18	50.92 0.78 2.25
KEDC_GLWD_GT4 24219	39.43 1.74 0.00	33.44 1.61 0.00	28.52 1.45 0.00	24.04 1.26 0.00	25.56 1.32 0.00	27.61 1.51 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.80 1.69 -2.34	28.39 1.82 -1.61	45.23 3.46 0.00	49.62 3.52 0.00	50.19 3.77 0.00	50.19 3.85 0.00	51.17 3.90 0.00	51.72 4.30 0.00	50.77 4.49 -0.22	51.74 4.51 0.22	63.03 5.00 0.28	85.58 5.43 -0.95	90.35 5.18 14.17	82.21 3.54 1.96	61.88 2.04 7.75	53.27 1.57 0.69
KEDC_GLWD_GT5 24220	39.43 1.74 0.00	33.44 1.61 0.00	28.52 1.45 0.00	24.04 1.26 0.00	25.56 1.32 0.00	27.61 1.51 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.80 1.69 -2.34	28.39 1.82 -1.61	45.23 3.46 0.00	49.62 3.52 0.00	50.19 3.77 0.00	50.19 3.85 0.00	51.17 3.90 0.00	51.72 4.30 0.00	50.77 4.49 -0.22	51.74 4.51 0.22	63.03 5.00 0.28	85.58 5.43 -0.95	90.35 5.18 14.17	82.21 3.54 1.96	61.88 2.04 7.75	53.27 1.57 0.69
KENSICO____ 23655	39.15 1.46 0.00	33.20 1.37 0.00	28.35 1.27 0.00	23.90 1.12 0.00	25.41 1.17 0.00	27.42 1.32 0.00	26.55 1.61 0.00	25.85 1.60 0.00	26.74 1.53 -2.44	28.29 1.65 -1.68	44.65 2.88 0.00	49.22 3.12 0.00	49.72 3.30 0.00	49.68 3.34 0.00	50.64 3.38 0.00	51.13 3.71 0.00	50.54 4.26 -0.22	51.74 4.28 0.00	63.09 4.79 0.00	86.41 5.31 -1.90	104.57 5.22 0.00	84.17 3.54 0.00	69.87 2.29 0.00	54.07 1.69 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.29 1.61 0.00	33.24 1.41 0.00	28.34 1.26 0.00	23.89 1.11 0.00	25.41 1.17 0.00	27.40 1.30 0.00	26.48 1.55 0.00	25.81 1.56 0.00	23.85 1.49 0.41	26.28 1.60 0.29	44.57 2.81 0.00	49.13 3.02 0.00	49.81 3.39 0.00	49.76 3.42 0.00	50.78 3.52 0.00	51.35 3.93 0.00	50.64 4.59 0.00	52.38 4.92 0.00	64.12 5.81 0.00	88.64 7.08 -2.35	106.85 7.50 0.00	85.89 5.26 0.00	71.15 3.56 0.00	54.84 2.45 0.00

KIAC_JFK_GT1 23816	39.24 1.56 0.00	33.31 1.48 0.00	28.46 1.39 0.00	23.96 1.17 0.00	25.46 1.23 0.00	27.50 1.40 0.00	26.69 1.76 0.00	26.00 1.75 0.00	26.84 1.71 -2.35	28.47 1.89 -1.62	44.87 3.11 0.00	49.53 3.43 0.00	49.99 3.57 0.00	49.93 3.59 0.00	50.88 3.62 0.00	51.37 3.96 0.00	50.85 4.57 -0.22	52.29 4.46 -0.37	63.68 4.90 -0.47	87.31 5.52 -2.58	105.78 5.14 -1.29	84.46 3.48 -0.35	70.12 2.53 0.00	54.32 1.93 0.00
KIAC_JFK_GT2 23817	39.24 1.56 0.00	33.31 1.48 0.00	28.46 1.39 0.00	23.96 1.17 0.00	25.46 1.23 0.00	27.50 1.40 0.00	26.69 1.76 0.00	26.00 1.75 0.00	26.84 1.71 -2.35	28.47 1.89 -1.62	44.87 3.11 0.00	49.53 3.43 0.00	49.99 3.57 0.00	49.93 3.59 0.00	50.88 3.62 0.00	51.37 3.96 0.00	50.85 4.57 -0.22	52.29 4.46 -0.37	63.68 4.90 -0.47	87.31 5.52 -2.58	105.78 5.14 -1.29	84.46 3.48 -0.35	70.12 2.53 0.00	54.32 1.93 0.00
KIAC_JFK____ 323774	39.25 1.56 0.00	33.31 1.48 0.00	28.45 1.38 0.00	23.95 1.17 0.00	25.46 1.23 0.00	27.50 1.40 0.00	26.69 1.76 0.00	26.00 1.75 0.00	26.84 1.71 -2.35	28.47 1.89 -1.62	44.87 3.10 0.00	49.53 3.43 0.00	49.98 3.56 0.00	49.93 3.59 0.00	50.88 3.62 0.00	51.38 3.96 0.00	50.85 4.57 -0.22	52.29 4.46 -0.37	63.67 4.89 -0.47	87.30 5.51 -2.58	105.77 5.13 -1.29	84.46 3.48 -0.35	70.12 2.53 0.00	54.32 1.93 0.00
KINTIGH__24_KV_GSU 356498	37.18 -0.50 0.00	31.23 -0.60 0.00	26.31 -0.77 0.00	22.16 -0.62 0.00	23.54 -0.70 0.00	25.36 -0.74 0.00	24.23 -0.70 0.00	23.28 -0.97 0.00	22.18 -0.59 0.00	24.83 -0.14 0.00	41.94 0.18 0.00	46.90 0.80 0.00	47.21 0.80 0.00	46.92 0.59 0.00	47.65 0.39 0.00	48.03 0.61 0.00	46.84 0.78 0.00	48.47 1.01 0.00	59.20 0.89 0.00	81.35 2.14 0.00	102.29 2.94 0.00	81.51 0.88 0.00	67.76 0.18 0.00	52.00 -0.39 0.00
KINTIGH____ 23543	37.15 -0.53 0.00	31.21 -0.62 0.00	26.29 -0.79 0.00	22.14 -0.64 0.00	23.52 -0.72 0.00	25.32 -0.78 0.00	24.21 -0.72 0.00	23.25 -0.99 0.00	22.16 -0.62 0.00	24.80 -0.16 0.00	41.91 0.14 0.00	46.88 0.77 0.00	47.18 0.76 0.00	46.90 0.56 0.00	47.61 0.35 0.00	47.99 0.58 0.00	46.87 0.82 0.00	48.50 1.05 0.00	59.24 0.94 0.00	81.41 2.20 0.00	102.24 2.90 0.00	81.47 0.83 0.00	67.69 0.10 0.00	51.98 -0.41 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.24 0.56 0.00	32.15 0.31 0.00	27.22 0.15 0.00	22.84 0.05 0.00	24.20 -0.04 0.00	26.04 -0.06 0.00	24.74 -0.19 0.00	24.05 -0.20 0.00	22.37 -0.40 0.00	24.40 -0.56 0.00	40.74 -1.02 0.00	44.76 -1.35 0.00	44.72 -1.70 0.00	44.58 -1.76 0.00	45.54 -1.72 0.00	45.59 -1.83 0.00	43.82 -2.24 0.00	45.20 -2.26 0.00	55.77 -2.54 0.00	76.69 -2.52 0.00	96.96 -2.39 0.00	78.40 -2.24 0.00	66.20 -1.39 0.00	51.57 -0.81 0.00
LACHUTE____HYDRO 323717	41.59 3.90 0.00	35.50 3.66 0.00	29.88 2.80 0.00	25.30 2.52 0.00	26.98 2.74 0.00	28.90 2.81 0.00	27.83 2.90 0.00	26.97 2.73 0.00	25.03 2.25 0.00	26.84 1.88 0.00	44.61 2.85 0.00	49.36 3.25 0.00	49.91 3.49 0.00	50.31 3.97 0.00	51.83 4.56 0.00	53.23 5.81 0.00	53.89 6.92 -0.91	54.61 7.15 0.00	67.80 9.49 0.00	111.98 13.30 -19.47	112.29 12.94 0.00	90.60 9.97 0.00	74.98 7.40 0.00	58.10 5.70 0.00
LAWRNCALV_115KV_TB1 80681	38.28 0.59 0.00	32.22 0.39 0.00	27.25 0.17 0.00	22.85 0.07 0.00	24.17 -0.07 0.00	26.07 -0.03 0.00	24.67 -0.26 0.00	23.98 -0.27 0.00	22.47 -0.30 0.00	24.62 -0.35 0.00	40.78 -0.98 0.00	44.68 -1.42 0.00	44.49 -1.93 0.00	44.16 -2.18 0.00	45.06 -2.21 0.00	45.04 -2.38 0.00	42.61 -3.45 0.00	43.95 -3.51 0.00	54.18 -4.11 0.02	74.92 -4.28 0.00	96.43 -2.92 0.00	78.94 -1.70 0.00	67.00 -0.59 0.00	52.22 -0.17 0.00
LEDERLE____ 23769	39.22 1.54 0.00	33.23 1.40 0.00	28.36 1.29 0.00	23.91 1.12 0.00	25.41 1.17 0.00	27.41 1.31 0.00	26.50 1.57 0.00	25.79 1.54 0.00	21.00 1.47 3.25	24.34 1.61 2.23	44.64 2.87 0.00	49.32 3.21 0.00	49.89 3.47 0.00	49.85 3.51 0.00	50.81 3.54 0.00	51.31 3.89 0.00	50.69 4.43 -0.20	52.00 4.54 0.00	63.41 5.10 0.00	86.85 5.80 -1.83	105.25 5.90 0.00	84.64 4.00 0.00	70.20 2.62 0.00	54.24 1.85 0.00
LIGHTHSE_115KV_TB6 355974	37.56 -0.13 0.00	31.61 -0.22 0.00	26.81 -0.26 0.00	22.60 -0.18 0.00	24.06 -0.18 0.00	25.95 -0.15 0.00	24.85 -0.09 0.00	24.17 -0.08 0.00	22.73 -0.04 0.00	25.01 0.05 0.00	41.71 -0.06 0.00	45.84 -0.27 0.00	45.99 -0.43 0.00	46.07 -0.27 0.00	47.01 -0.26 0.00	47.57 0.16 0.00	46.20 0.14 0.00	47.58 0.12 0.00	60.94 0.73 -1.89	87.13 1.68 -6.25	109.08 2.67 -7.05	85.73 2.31 -2.79	68.93 0.93 -0.42	52.49 0.10 0.00
LINDEN COGEN____ 23786	39.19 1.50 0.00	33.22 1.39 0.00	28.36 1.28 0.00	23.90 1.11 0.00	25.42 1.18 0.00	27.44 1.34 0.00	26.62 1.68 0.00	25.91 1.67 0.00	26.73 1.61 -2.35	28.36 1.78 -1.62	44.78 3.02 0.00	49.41 3.30 0.00	49.90 3.49 0.00	49.85 3.51 0.00	50.79 3.52 0.00	51.30 3.88 0.00	50.78 4.50 -0.22	51.88 4.42 0.00	63.03 4.72 0.00	86.09 4.99 -1.90	103.99 4.64 0.00	83.67 3.04 0.00	69.51 1.92 0.00	53.90 1.51 0.00
LINDHRST_69_KV_BK1 356055	39.62 1.94 0.00	33.68 1.85 0.00	28.70 1.62 0.00	24.19 1.40 0.00	25.68 1.45 0.00	27.78 1.68 0.00	26.95 2.02 0.00	26.24 1.99 0.00	26.84 1.73 -2.34	28.35 1.77 -1.61	45.47 3.71 0.00	49.40 3.30 0.00	49.91 3.49 0.00	49.95 3.61 0.00	50.85 3.59 0.00	51.39 4.09 0.12	50.32 4.56 0.30	59.19 4.70 -7.04	68.51 5.38 -4.82	90.37 5.79 -5.38	66.43 5.42 38.34	78.61 3.81 5.83	48.29 2.19 21.48	52.11 1.64 1.92
LIPA_MISC_IPP 23656	39.08 1.40 0.00	33.28 1.45 0.00	28.35 1.27 0.00	23.89 1.10 0.00	25.36 1.13 0.00	27.48 1.38 0.00	26.65 1.72 0.00	25.94 1.69 0.00	26.47 1.36 -2.34	27.91 1.33 -1.61	44.83 3.06 0.00	48.64 2.54 0.00	49.08 2.66 0.00	49.21 2.87 0.00	50.07 2.80 0.00	50.42 3.25 0.25	48.39 3.64 1.30	56.12 3.78 -4.88	65.90 4.25 -3.34	86.96 4.19 -3.56	58.87 3.31 43.79	75.77 2.03 6.89	43.05 0.75 25.28	50.64 0.51 2.26
LISF____SOLAR 323691	39.17 1.49 0.00	33.34 1.51 0.00	28.40 1.32 0.00	23.93 1.15 0.00	25.41 1.18 0.00	27.54 1.44 0.00	26.70 1.77 0.00	26.00 1.75 0.00	26.53 1.41 -2.34	27.95 1.38 -1.61	44.86 3.09 0.00	48.73 2.63 0.00	49.16 2.74 0.00	49.31 2.98 0.00	50.19 2.92 0.00	50.56 3.41 0.26	48.45 3.76 1.38	56.69 3.93 -5.30	66.41 4.45 -3.66	87.59 4.48 -3.90	59.25 3.62 43.72	76.06 2.31 6.88	43.28 0.94 25.24	50.82 0.69 2.25
LITTLE FALLS____HYD 24013	37.92 0.23 0.00	32.22 0.38 0.00	27.58 0.50 0.00	23.31 0.52 0.00	24.85 0.60 0.00	26.74 0.65 0.00	25.75 0.82 0.00	24.90 0.66 0.00	23.08 0.30 0.00	24.95 -0.02 0.00	41.55 -0.22 0.00	45.74 -0.36 0.00	46.32 -0.10 0.00	46.43 0.09 0.00	47.34 0.07 0.00	47.85 0.43 0.00	47.13 1.07 0.00	49.20 1.74 0.00	61.22 2.91 0.00	83.63 4.43 0.00	103.96 4.61 0.00	83.84 3.20 0.00	69.48 1.90 0.00	53.48 1.09 0.00

LITTLRIV_115KV_TB1 356100	38.88 1.20 0.00	32.71 0.88 0.00	27.65 0.57 0.00	23.19 0.41 0.00	24.55 0.32 0.00	26.54 0.44 0.00	25.11 0.17 0.00	24.31 0.06 0.00	22.67 -0.10 0.00	24.77 -0.19 0.00	41.03 -0.73 0.00	44.96 -1.15 0.00	44.77 -1.65 0.00	44.43 -1.91 0.00	45.34 -1.93 0.00	45.31 -2.10 0.00	42.81 -3.25 0.00	44.23 -3.23 0.00	54.75 -3.55 0.02	76.34 -2.87 0.00	98.79 -0.56 0.00	80.87 0.24 0.00	68.56 0.98 0.00	53.39 1.00 0.00
LI_NEWBRDGE___DRP 323616	39.04 1.35 0.00	33.16 1.33 0.00	28.28 1.20 0.00	23.84 1.06 0.00	25.33 1.10 0.00	27.38 1.28 0.00	26.53 1.60 0.00	25.83 1.58 0.00	26.49 1.37 -2.34	28.00 1.42 -1.61	44.78 3.01 0.00	48.73 2.62 0.00	49.26 2.84 0.00	49.28 2.94 0.00	50.16 2.89 0.00	50.74 3.32 0.00	50.04 3.76 -0.22	50.62 3.79 0.64	61.69 4.19 0.81	82.46 4.28 1.03	55.44 3.75 47.66	75.60 2.51 7.54	41.43 1.21 27.37	50.86 0.91 2.44
LOCKPORT_115KV_TB60_63_64 80432	37.15 -0.54 0.00	31.16 -0.67 0.00	26.16 -0.92 0.00	22.04 -0.74 0.00	23.40 -0.84 0.00	25.17 -0.93 0.00	23.98 -0.96 0.00	22.96 -1.29 0.00	21.94 -0.83 0.00	24.59 -0.38 0.00	41.58 -0.19 0.00	46.55 0.45 0.00	46.84 0.43 0.00	46.53 0.19 0.00	47.15 -0.12 0.00	47.48 0.06 0.00	46.64 0.58 0.00	48.43 0.96 0.00	59.11 0.80 0.00	81.47 2.27 0.00	102.09 2.74 0.00	80.80 0.16 0.00	67.20 -0.38 0.00	51.55 -0.84 0.00
LOCKPORT___CC1 323769	37.01 -0.67 0.00	31.05 -0.79 0.00	26.07 -1.00 0.00	21.97 -0.82 0.00	23.32 -0.91 0.00	25.10 -1.00 0.00	23.91 -1.03 0.00	22.90 -1.35 0.00	21.87 -0.90 0.00	24.52 -0.44 0.00	41.45 -0.31 0.00	46.38 0.27 0.00	46.66 0.24 0.00	46.33 -0.01 0.00	46.96 -0.31 0.00	47.28 -0.14 0.00	46.42 0.37 0.00	48.19 0.74 0.00	58.81 0.50 0.00	81.08 1.87 0.00	101.63 2.28 0.00	80.41 -0.23 0.00	66.90 -0.69 0.00	51.32 -1.07 0.00
LOCKPORT___CC2 323770	37.01 -0.67 0.00	31.05 -0.79 0.00	26.07 -1.00 0.00	21.97 -0.82 0.00	23.32 -0.91 0.00	25.10 -1.00 0.00	23.91 -1.03 0.00	22.90 -1.35 0.00	21.87 -0.90 0.00	24.52 -0.44 0.00	41.45 -0.31 0.00	46.38 0.27 0.00	46.66 0.24 0.00	46.33 -0.01 0.00	46.96 -0.31 0.00	47.28 -0.14 0.00	46.42 0.37 0.00	48.19 0.74 0.00	58.81 0.50 0.00	81.08 1.87 0.00	101.63 2.28 0.00	80.41 -0.23 0.00	66.90 -0.69 0.00	51.32 -1.07 0.00
LOCKPORT___CC3 323771	37.01 -0.67 0.00	31.05 -0.79 0.00	26.07 -1.00 0.00	21.97 -0.82 0.00	23.32 -0.91 0.00	25.10 -1.00 0.00	23.91 -1.03 0.00	22.90 -1.35 0.00	21.87 -0.90 0.00	24.52 -0.44 0.00	41.45 -0.31 0.00	46.38 0.27 0.00	46.66 0.24 0.00	46.33 -0.01 0.00	46.96 -0.31 0.00	47.28 -0.14 0.00	46.42 0.37 0.00	48.19 0.74 0.00	58.81 0.50 0.00	81.08 1.87 0.00	101.63 2.28 0.00	80.41 -0.23 0.00	66.90 -0.69 0.00	51.32 -1.07 0.00
LOCUSVLY_69_KV_BK2 55797	39.48 1.79 0.00	33.50 1.67 0.00	28.56 1.48 0.00	24.07 1.29 0.00	25.58 1.34 0.00	27.64 1.54 0.00	26.79 1.85 0.00	26.07 1.83 0.00	26.79 1.67 -2.34	28.36 1.79 -1.61	45.37 3.60 0.00	49.55 3.45 0.00	50.18 3.76 0.00	50.23 3.89 0.00	51.20 3.93 0.00	51.79 4.37 0.00	51.03 4.75 -0.22	51.83 4.75 0.38	63.12 5.29 0.48	85.32 5.73 -0.38	82.67 5.54 22.21	81.12 3.78 3.30	57.47 2.20 12.31	52.94 1.65 1.10
LONG_LAKE_PHOENIX 24014	37.19 -0.50 0.00	31.34 -0.49 0.00	26.64 -0.44 0.00	22.43 -0.35 0.00	23.87 -0.37 0.00	25.73 -0.37 0.00	24.66 -0.28 0.00	23.98 -0.27 0.00	22.56 -0.21 0.00	24.79 -0.18 0.00	41.51 -0.25 0.00	45.92 -0.18 0.00	46.25 -0.17 0.00	46.24 -0.10 0.00	47.17 -0.10 0.00	47.52 0.10 0.00	46.40 0.34 0.00	47.93 0.47 0.00	61.85 0.67 -2.87	89.81 1.13 -9.47	111.20 1.15 -10.70	85.31 0.45 -4.23	68.06 -0.16 -0.63	51.97 -0.41 0.00
LOVETT___3 23632	38.99 1.30 0.00	33.06 1.22 0.00	28.23 1.15 0.00	23.79 1.01 0.00	25.28 1.04 0.00	27.26 1.16 0.00	26.37 1.44 0.00	25.65 1.40 0.00	20.64 1.33 3.46	24.02 1.44 2.38	44.30 2.53 0.00	48.88 2.77 0.00	49.40 2.98 0.00	49.35 3.01 0.00	50.29 3.02 0.00	50.77 3.35 0.00	50.15 3.89 -0.21	51.41 3.95 0.00	62.71 4.40 0.00	85.92 4.87 -1.85	104.08 4.73 0.00	83.75 3.11 0.00	69.52 1.93 0.00	53.77 1.38 0.00
LOVETT___4 23642	38.99 1.30 0.00	33.06 1.22 0.00	28.23 1.15 0.00	23.79 1.01 0.00	25.28 1.04 0.00	27.26 1.16 0.00	26.37 1.44 0.00	25.65 1.40 0.00	20.64 1.33 3.46	24.02 1.44 2.38	44.30 2.53 0.00	48.88 2.77 0.00	49.40 2.98 0.00	49.35 3.01 0.00	50.29 3.02 0.00	50.77 3.35 0.00	50.15 3.89 -0.21	51.41 3.95 0.00	62.71 4.40 0.00	85.92 4.87 -1.85	104.08 4.73 0.00	83.75 3.11 0.00	69.52 1.93 0.00	53.77 1.38 0.00
LOVETT___5 23593	38.99 1.30 0.00	33.06 1.22 0.00	28.23 1.15 0.00	23.79 1.01 0.00	25.28 1.04 0.00	27.26 1.16 0.00	26.37 1.44 0.00	25.65 1.40 0.00	20.64 1.33 3.46	24.02 1.44 2.38	44.30 2.53 0.00	48.88 2.77 0.00	49.40 2.98 0.00	49.35 3.01 0.00	50.29 3.02 0.00	50.77 3.35 0.00	50.15 3.89 -0.21	51.41 3.95 0.00	62.71 4.40 0.00	85.92 4.87 -1.85	104.08 4.73 0.00	83.75 3.11 0.00	69.52 1.93 0.00	53.77 1.38 0.00
LOWER RAQUET___HYD 24057	38.33 0.64 0.00	32.25 0.42 0.00	27.27 0.19 0.00	22.87 0.09 0.00	24.15 -0.08 0.00	26.07 -0.03 0.00	24.66 -0.27 0.00	23.96 -0.29 0.00	22.45 -0.32 0.00	24.58 -0.39 0.00	40.64 -1.13 0.00	44.45 -1.66 0.00	44.18 -2.24 0.00	43.87 -2.47 0.00	44.76 -2.50 0.00	44.78 -2.64 0.00	42.36 -3.69 0.00	43.71 -3.75 0.00	54.21 -4.33 -0.22	75.50 -4.50 -0.79	97.12 -3.12 -0.90	79.17 -1.82 -0.36	66.93 -0.70 -0.05	52.14 -0.25 0.00
LOWER___HUDSON 24059	38.65 0.96 0.00	32.84 1.00 0.00	28.09 1.01 0.00	23.72 0.93 0.00	25.24 1.00 0.00	27.13 1.03 0.00	26.06 1.13 0.00	25.35 1.11 0.00	23.71 0.93 0.00	25.81 0.85 0.00	42.94 1.18 0.00	47.30 1.20 0.00	47.72 1.30 0.00	47.73 1.39 0.00	48.86 1.60 0.00	49.30 1.88 0.00	50.04 2.38 -1.61	49.99 2.53 0.00	61.57 3.26 0.00	99.33 4.02 -16.11	103.34 3.99 0.00	83.55 2.91 0.00	69.69 2.11 0.00	53.97 1.58 0.00
LOWVILLE_115KV_TB2 356335	38.14 0.45 0.00	31.99 0.15 0.00	27.04 -0.04 0.00	22.86 0.08 0.00	24.30 0.06 0.00	26.21 0.11 0.00	24.96 0.03 0.00	24.41 0.16 0.00	22.97 0.20 0.00	25.29 0.33 0.00	42.08 0.31 0.00	45.71 -0.40 0.00	45.64 -0.79 0.00	45.68 -0.66 0.00	46.69 -0.57 0.00	47.36 -0.06 0.00	45.94 -0.12 0.00	47.31 -0.15 0.00	59.86 0.98 -0.57	83.50 2.45 -1.85	105.88 4.45 -2.09	85.97 4.51 -0.82	69.72 2.01 -0.12	52.82 0.43 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.24 1.56 0.00	33.29 1.46 0.00	28.41 1.33 0.00	23.97 1.19 0.00	25.51 1.27 0.00	27.46 1.36 0.00	26.36 1.43 0.00	25.67 1.43 0.00	23.97 1.20 0.00	26.08 1.12 0.00	43.40 1.64 0.00	47.87 1.77 0.00	48.34 1.92 0.00	48.40 2.07 0.00	49.61 2.34 0.00	50.13 2.71 0.00	50.25 3.23 -0.96	50.98 3.52 0.00	63.06 4.75 0.00	104.64 6.23 -19.21	105.98 6.63 0.00	85.54 4.91 0.00	71.21 3.63 0.00	55.01 2.62 0.00

LUTHERNY_35_KV_BK2 355980	39.25 1.56 0.00	33.28 1.45 0.00	28.40 1.33 0.00	23.97 1.19 0.00	25.51 1.27 0.00	27.46 1.36 0.00	26.36 1.42 0.00	25.72 1.47 0.00	23.99 1.21 0.00	26.10 1.14 0.00	43.46 1.69 0.00	47.92 1.82 0.00	48.40 1.98 0.00	48.46 2.12 0.00	49.72 2.45 0.00	50.21 2.80 0.00	50.36 3.34 -0.96	51.10 3.64 0.00	63.21 4.90 0.00	104.80 6.38 -19.21	105.99 6.64 0.00	85.58 4.94 0.00	71.27 3.69 0.00	55.06 2.67 0.00
LWR___OSWEGATCHIE_HYD 23850	38.26 0.57 0.00	32.14 0.30 0.00	27.17 0.09 0.00	22.87 0.08 0.00	24.24 0.00 0.00	26.16 0.06 0.00	24.82 -0.11 0.00	24.19 -0.06 0.00	22.70 -0.07 0.00	24.94 -0.03 0.00	41.32 -0.44 0.00	45.01 -1.09 0.00	44.78 -1.64 0.00	44.63 -1.71 0.00	45.57 -1.70 0.00	45.96 -1.45 0.00	44.05 -2.00 0.00	45.40 -2.06 0.00	57.12 -1.70 -0.51	79.78 -1.02 -1.59	101.94 0.79 -1.80	82.96 1.62 -0.71	68.50 0.81 -0.11	52.59 0.20 0.00
LYONS_FALL_HYD 23570	38.34 0.65 0.00	32.23 0.40 0.00	27.30 0.23 0.00	23.05 0.26 0.00	24.50 0.27 0.00	26.42 0.32 0.00	25.23 0.30 0.00	24.62 0.37 0.00	23.16 0.38 0.00	25.46 0.49 0.00	42.46 0.70 0.00	46.43 0.33 0.00	46.56 0.14 0.00	46.53 0.19 0.00	47.51 0.24 0.00	47.99 0.57 0.00	46.68 0.62 0.00	48.17 0.71 0.00	60.42 1.70 -0.41	83.65 3.11 -1.34	105.50 4.64 -1.51	85.41 4.18 -0.60	69.88 2.21 -0.09	53.30 0.91 0.00
MADISON___COUNTY_LFGE 323628	38.79 1.11 0.00	32.68 0.85 0.00	27.75 0.68 0.00	23.37 0.59 0.00	24.86 0.62 0.00	26.81 0.71 0.00	25.69 0.76 0.00	24.97 0.73 0.00	23.49 0.71 0.00	25.77 0.80 0.00	43.10 1.34 0.00	47.62 1.52 0.00	48.01 1.59 0.00	47.80 1.46 0.00	48.57 1.30 0.00	48.77 1.36 0.00	47.67 1.62 0.00	49.35 1.89 0.00	61.49 2.75 -0.43	84.90 4.29 -1.41	106.39 5.46 -1.59	85.29 4.03 -0.63	70.31 2.63 -0.09	54.06 1.67 0.00
MALONE___115KV_TB1 356076	38.16 0.47 0.00	32.09 0.25 0.00	27.15 0.07 0.00	22.75 -0.03 0.00	24.10 -0.14 0.00	25.98 -0.12 0.00	24.65 -0.28 0.00	24.01 -0.24 0.00	22.42 -0.35 0.00	24.54 -0.42 0.00	40.90 -0.87 0.00	44.88 -1.22 0.00	44.82 -1.60 0.00	44.62 -1.72 0.00	45.56 -1.71 0.00	45.62 -1.80 0.00	43.65 -2.41 0.00	45.03 -2.43 0.00	55.64 -2.66 0.01	76.69 -2.51 0.00	97.57 -1.78 0.00	79.19 -1.44 0.00	66.89 -0.69 0.00	52.09 -0.30 0.00
MAPLEWOD_115KV_TB3 80458	38.30 0.61 0.00	32.54 0.71 0.00	27.87 0.80 0.00	23.55 0.77 0.00	25.04 0.81 0.00	26.92 0.82 0.00	25.86 0.93 0.00	25.15 0.90 0.00	23.56 0.78 0.00	25.70 0.73 0.00	42.85 1.09 0.00	47.19 1.08 0.00	47.64 1.22 0.00	47.65 1.31 0.00	48.71 1.45 0.00	49.08 1.66 0.00	49.95 2.16 -1.74	49.76 2.31 0.00	61.19 2.88 0.00	95.68 3.47 -13.00	102.75 3.40 0.00	82.98 2.35 0.00	69.17 1.58 0.00	53.53 1.14 0.00
MAPLE_RIDGE_WT_1 323574	37.17 -0.51 0.00	31.33 -0.50 0.00	26.61 -0.46 0.00	22.35 -0.43 0.00	23.79 -0.45 0.00	25.60 -0.50 0.00	24.35 -0.58 0.00	23.81 -0.44 0.00	22.44 -0.34 0.00	24.70 -0.27 0.00	41.34 -0.42 0.00	45.40 -0.71 0.00	45.66 -0.76 0.00	45.59 -0.75 0.00	46.55 -0.71 0.00	46.71 -0.70 0.00	45.23 -0.83 0.00	46.49 -0.96 0.00	57.24 -1.07 0.00	77.88 -1.32 0.00	97.48 -1.87 0.00	79.26 -1.38 0.00	66.44 -1.15 0.00	51.40 -0.98 0.00
MAPLE_RIDGE_WT_2 323611	37.17 -0.51 0.00	31.33 -0.50 0.00	26.61 -0.46 0.00	22.35 -0.43 0.00	23.79 -0.45 0.00	25.60 -0.50 0.00	24.35 -0.58 0.00	23.81 -0.44 0.00	22.44 -0.34 0.00	24.70 -0.27 0.00	41.34 -0.42 0.00	45.40 -0.71 0.00	45.66 -0.76 0.00	45.59 -0.75 0.00	46.55 -0.71 0.00	46.71 -0.70 0.00	45.23 -0.83 0.00	46.49 -0.96 0.00	57.24 -1.07 0.00	77.88 -1.32 0.00	97.48 -1.87 0.00	79.26 -1.38 0.00	66.44 -1.15 0.00	51.40 -0.98 0.00
MARBLE_RIVER_WT_PWR 323696	37.67 -0.02 0.00	31.69 -0.15 0.00	26.84 -0.24 0.00	22.50 -0.28 0.00	23.85 -0.39 0.00	25.69 -0.41 0.00	24.38 -0.56 0.00	23.74 -0.51 0.00	22.15 -0.63 0.00	24.20 -0.77 0.00	40.39 -1.38 0.00	44.36 -1.75 0.00	44.35 -2.07 0.00	44.19 -2.15 0.00	45.12 -2.14 0.00	45.13 -2.29 0.00	43.33 -2.73 0.00	44.65 -2.81 0.00	55.04 -3.27 0.00	75.56 -3.64 0.00	95.51 -3.84 0.00	77.33 -3.30 0.00	65.34 -2.25 0.00	50.97 -1.42 0.00
MARSHVLE_115KV_TB1 80742	39.96 2.27 0.00	33.51 1.68 0.00	28.42 1.34 0.00	23.85 1.07 0.00	25.38 1.14 0.00	27.42 1.32 0.00	26.16 1.23 0.00	25.20 0.95 0.00	23.45 0.68 0.00	25.75 0.79 0.00	43.18 1.42 0.00	47.75 1.64 0.00	48.19 1.77 0.00	48.03 1.70 0.00	48.91 1.64 0.00	49.00 1.58 0.00	47.82 1.32 -0.44	49.03 1.57 0.00	60.96 2.65 0.00	102.39 5.30 -17.88	106.85 7.50 0.00	86.97 6.34 0.00	72.48 4.90 0.00	55.88 3.49 0.00
MARSH_HILL_WT_PWR 323713	37.19 -0.49 0.00	30.92 -0.91 0.00	26.17 -0.91 0.00	22.00 -0.78 0.00	23.45 -0.79 0.00	25.36 -0.74 0.00	24.31 -0.63 0.00	23.48 -0.77 0.00	22.42 -0.35 0.00	24.82 -0.14 0.00	41.51 -0.25 0.00	46.42 0.32 0.00	47.01 0.60 0.00	46.94 0.60 0.00	47.31 0.05 0.00	47.72 0.30 0.00	46.74 0.68 0.00	48.48 1.03 0.00	60.40 1.73 -0.37	85.23 4.35 -1.68	106.12 5.40 -1.37	82.91 1.73 -0.54	67.80 0.13 -0.08	51.50 -0.89 0.00
MCINTYRE_115KV_TB2 80467	39.09 1.40 0.00	32.90 1.07 0.00	27.80 0.72 0.00	23.31 0.53 0.00	24.73 0.49 0.00	26.70 0.60 0.00	25.26 0.33 0.00	24.40 0.16 0.00	22.71 -0.07 0.00	24.80 -0.16 0.00	41.19 -0.57 0.00	45.24 -0.86 0.00	45.12 -1.30 0.00	44.78 -1.56 0.00	45.68 -1.58 0.00	45.61 -1.81 0.00	43.06 -3.00 0.00	44.49 -2.97 0.00	55.07 -3.22 0.02	76.98 -2.22 0.00	99.93 0.57 0.00	81.76 1.12 0.00	69.33 1.74 0.00	53.97 1.58 0.00
MECO_____69_KV_BK1 80468	40.20 2.51 0.00	33.81 1.98 0.00	28.72 1.65 0.00	24.15 1.37 0.00	25.70 1.46 0.00	27.75 1.65 0.00	26.54 1.60 0.00	25.55 1.30 0.00	23.61 0.84 0.00	25.75 0.78 0.00	42.86 1.10 0.00	47.30 1.20 0.00	47.87 1.45 0.00	47.85 1.51 0.00	48.66 1.39 0.00	48.99 1.58 0.00	48.28 1.75 -0.48	49.87 2.41 0.00	62.35 4.05 0.00	105.87 7.48 -19.18	109.41 10.06 0.00	88.54 7.91 0.00	73.58 6.00 0.00	56.62 4.23 0.00
MENANDS___115KV_TB5 355628	37.98 0.29 0.00	32.31 0.47 0.00	27.69 0.62 0.00	23.41 0.63 0.00	24.89 0.65 0.00	26.75 0.65 0.00	25.70 0.77 0.00	24.99 0.74 0.00	23.41 0.63 0.00	25.53 0.57 0.00	42.59 0.82 0.00	46.86 0.75 0.00	47.29 0.87 0.00	47.28 0.94 0.00	48.30 1.04 0.00	48.61 1.19 0.00	49.22 1.68 -1.49	49.22 1.76 0.00	60.48 2.17 0.00	94.10 2.42 -12.47	101.45 2.10 0.00	81.95 1.32 0.00	68.37 0.79 0.00	52.97 0.58 0.00
MG INDUSTRY___DRP 24185	37.16 -0.53 0.00	31.58 -0.25 0.00	27.05 -0.03 0.00	22.86 0.07 0.00	24.32 0.08 0.00	26.15 0.05 0.00	25.11 0.18 0.00	24.33 0.08 0.00	22.72 -0.05 0.00	24.76 -0.20 0.00	41.32 -0.44 0.00	45.48 -0.63 0.00	45.87 -0.55 0.00	45.78 -0.55 0.00	46.74 -0.53 0.00	46.96 -0.45 0.00	43.98 -0.06 2.01	47.46 0.00 0.00	58.46 0.15 0.00	86.96 0.01 -7.75	98.70 -0.65 0.00	79.88 -0.75 0.00	66.74 -0.85 0.00	51.76 -0.63 0.00

MID___OSWEGATCHIE_HYD 23849	38.26 0.57 0.00	32.14 0.30 0.00	27.17 0.09 0.00	22.87 0.08 0.00	24.24 0.00 0.00	26.16 0.06 0.00	24.82 -0.11 0.00	24.19 -0.06 0.00	22.70 -0.07 0.00	24.94 -0.03 0.00	41.32 -0.44 0.00	45.01 -1.09 0.00	44.78 -1.64 0.00	44.63 -1.71 0.00	45.57 -1.70 0.00	45.96 -1.45 0.00	44.05 -2.00 0.00	45.40 -2.06 0.00	57.12 -1.70 -0.51	79.78 -1.02 -1.59	101.94 0.79 -1.80	82.96 1.62 -0.71	68.50 0.81 -0.11	52.59 0.20 0.00
MID___RAQUETTE_HYD 23851	38.33 0.64 0.00	32.25 0.42 0.00	27.27 0.19 0.00	22.87 0.09 0.00	24.15 -0.08 0.00	26.07 -0.03 0.00	24.66 -0.27 0.00	23.96 -0.29 0.00	22.45 -0.32 0.00	24.58 -0.39 0.00	40.64 -1.13 0.00	44.45 -1.66 0.00	44.18 -2.24 0.00	43.87 -2.47 0.00	44.76 -2.50 0.00	44.78 -2.64 0.00	42.36 -3.69 0.00	43.71 -3.75 0.00	54.21 -4.32 -0.22	75.50 -4.50 -0.79	97.13 -3.12 -0.90	79.17 -1.82 -0.36	66.93 -0.70 -0.05	52.14 -0.25 0.00
MILLIKEN___1 23584	38.32 0.63 0.00	32.25 0.42 0.00	27.39 0.32 0.00	23.10 0.32 0.00	24.56 0.32 0.00	26.49 0.39 0.00	25.47 0.54 0.00	24.71 0.47 0.00	23.22 0.44 0.00	25.45 0.48 0.00	42.63 0.86 0.00	47.25 1.15 0.00	47.84 1.43 0.00	47.74 1.39 0.00	48.52 1.25 0.00	48.94 1.53 0.00	47.88 1.82 0.00	49.62 2.16 0.00	62.40 3.08 -1.01	87.95 4.86 -3.88	109.04 5.93 -3.76	86.03 3.91 -1.49	70.32 2.51 -0.22	53.88 1.48 0.00
MILLIKEN___2 23585	38.32 0.63 0.00	32.25 0.42 0.00	27.39 0.32 0.00	23.10 0.32 0.00	24.56 0.32 0.00	26.49 0.39 0.00	25.47 0.54 0.00	24.71 0.47 0.00	23.22 0.44 0.00	25.45 0.48 0.00	42.63 0.86 0.00	47.25 1.15 0.00	47.84 1.43 0.00	47.74 1.39 0.00	48.52 1.25 0.00	48.94 1.53 0.00	47.88 1.82 0.00	49.62 2.16 0.00	62.40 3.08 -1.01	87.95 4.86 -3.88	109.04 5.93 -3.76	86.03 3.91 -1.49	70.32 2.51 -0.22	53.88 1.48 0.00
MILLIKEN___DIESEL 23629	38.32 0.63 0.00	32.25 0.42 0.00	27.39 0.32 0.00	23.10 0.32 0.00	24.56 0.32 0.00	26.49 0.39 0.00	25.47 0.54 0.00	24.71 0.47 0.00	23.22 0.44 0.00	25.45 0.48 0.00	42.63 0.86 0.00	47.25 1.15 0.00	47.84 1.43 0.00	47.74 1.39 0.00	48.52 1.25 0.00	48.94 1.53 0.00	47.88 1.82 0.00	49.62 2.16 0.00	62.40 3.08 -1.01	87.95 4.86 -3.88	109.04 5.93 -3.76	86.03 3.91 -1.49	70.32 2.51 -0.22	53.88 1.48 0.00
MILLSEAT___LFGE 323607	38.13 0.44 0.00	31.94 0.11 0.00	26.85 -0.22 0.00	22.61 -0.17 0.00	24.01 -0.23 0.00	25.89 -0.21 0.00	24.73 -0.21 0.00	23.76 -0.48 0.00	22.64 -0.14 0.00	25.24 0.28 0.00	42.55 0.79 0.00	47.59 1.48 0.00	47.97 1.55 0.00	47.55 1.21 0.00	48.08 0.81 0.00	48.40 0.98 0.00	47.58 1.52 0.00	49.49 2.03 0.00	60.73 2.42 0.00	83.92 4.71 0.00	105.31 5.96 0.00	83.39 2.76 0.00	69.13 1.55 0.00	53.03 0.64 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.06 1.37 0.00	33.12 1.29 0.00	28.28 1.20 0.00	23.84 1.06 0.00	25.36 1.12 0.00	27.36 1.26 0.00	26.47 1.54 0.00	25.76 1.52 0.00	26.69 1.45 -2.47	28.23 1.56 -1.70	44.49 2.72 0.00	49.06 2.96 0.00	49.57 3.15 0.00	49.52 3.18 0.00	50.48 3.21 0.00	50.97 3.55 0.00	50.38 4.10 -0.22	51.58 4.13 0.00	62.92 4.61 0.00	86.21 5.11 -1.89	104.39 5.04 0.00	84.01 3.38 0.00	69.75 2.17 0.00	53.97 1.58 0.00
MILLWOOD_13_KV_LOAD 356217	39.12 1.43 0.00	33.18 1.35 0.00	28.33 1.25 0.00	23.88 1.09 0.00	25.40 1.16 0.00	27.40 1.30 0.00	26.52 1.58 0.00	25.81 1.56 0.00	26.73 1.49 -2.47	28.27 1.61 -1.70	44.56 2.80 0.00	49.15 3.05 0.00	49.66 3.25 0.00	49.63 3.29 0.00	50.62 3.35 0.00	51.09 3.67 0.00	50.50 4.22 -0.22	51.72 4.26 0.00	63.09 2.42 0.00	86.43 4.71 -1.89	104.65 5.33 0.00	84.22 3.58 0.00	69.90 2.31 0.00	54.07 1.69 0.00
MODEL_CITY_ENERGY 24167	36.85 -0.84 0.00	30.94 -0.89 0.00	25.98 -1.09 0.00	21.90 -0.88 0.00	23.24 -0.99 0.00	25.00 -1.10 0.00	23.77 -1.17 0.00	22.73 -1.52 0.00	21.73 -1.04 0.00	24.36 -0.60 0.00	41.18 -0.58 0.00	46.15 0.04 0.00	46.45 0.03 0.00	46.12 -0.22 0.00	46.76 -0.50 0.00	47.09 -0.33 0.00	46.23 0.18 0.00	48.00 0.54 0.00	58.54 0.24 0.00	80.62 1.42 0.00	101.07 1.72 0.00	79.98 -0.66 0.00	66.60 -0.98 0.00	51.09 -1.30 0.00
MODERN_LFGE___ 323580	36.85 -0.84 0.00	30.94 -0.89 0.00	25.98 -1.09 0.00	21.90 -0.88 0.00	23.24 -0.99 0.00	25.00 -1.10 0.00	23.77 -1.17 0.00	22.73 -1.52 0.00	21.73 -1.04 0.00	24.36 -0.60 0.00	41.18 -0.58 0.00	46.15 0.04 0.00	46.45 0.03 0.00	46.12 -0.22 0.00	46.76 -0.50 0.00	47.09 -0.33 0.00	46.23 0.18 0.00	48.00 0.54 0.00	58.54 0.24 0.00	80.62 1.42 0.00	101.07 1.72 0.00	79.98 -0.66 0.00	66.60 -0.98 0.00	51.09 -1.30 0.00
MOHAWK_PAPER___DRP 24187	38.30 0.61 0.00	32.54 0.71 0.00	27.87 0.80 0.00	23.55 0.77 0.00	25.04 0.81 0.00	26.92 0.82 0.00	25.86 0.93 0.00	25.15 0.90 0.00	23.56 0.78 0.00	25.70 0.73 0.00	42.85 1.09 0.00	47.19 1.08 0.00	47.64 1.22 0.00	47.65 1.31 0.00	48.71 1.45 0.00	49.08 1.66 0.00	49.95 2.16 -1.74	49.76 2.31 0.00	61.19 2.88 0.00	95.68 3.47 -13.00	102.75 3.40 0.00	82.98 2.35 0.00	69.17 1.58 0.00	53.53 1.14 0.00
MOHICAN___35_KV_115KV_LD 80490	39.68 1.99 0.00	33.70 1.87 0.00	28.68 1.61 0.00	24.22 1.43 0.00	25.79 1.55 0.00	27.74 1.64 0.00	26.67 1.73 0.00	25.95 1.70 0.00	24.19 1.41 0.00	26.18 1.22 0.00	43.46 1.70 0.00	48.00 1.89 0.00	48.45 2.03 0.00	48.64 2.30 0.00	49.90 2.63 0.00	50.66 3.24 0.00	50.88 3.89 -0.93	51.72 4.26 0.00	64.29 5.98 0.00	106.55 7.98 -19.36	107.51 8.16 0.00	86.82 6.18 0.00	72.11 4.52 0.00	55.60 3.21 0.00
MONGAUP___HYD 23641	39.22 1.54 0.00	33.19 1.36 0.00	28.30 1.23 0.00	23.85 1.07 0.00	25.36 1.12 0.00	27.36 1.26 0.00	26.41 1.47 0.00	25.66 1.41 0.00	22.04 1.25 1.99	24.81 1.21 1.37	43.68 1.91 0.00	48.22 2.11 0.00	48.77 2.35 0.00	48.84 2.50 0.00	49.94 2.68 0.00	50.33 2.92 0.00	49.48 3.25 -0.18	50.61 3.15 0.00	62.31 4.00 0.00	86.10 5.17 -1.73	106.28 6.93 0.00	85.53 4.90 0.00	70.92 3.34 0.00	54.72 2.33 0.00
MONTAUK___DIESEL 23721	40.32 2.63 0.00	34.24 2.41 0.00	29.13 2.06 0.00	24.51 1.73 0.00	26.04 1.80 0.00	28.27 2.17 0.00	27.52 2.58 0.00	26.84 2.59 0.00	27.42 2.30 -2.34	28.89 2.32 -1.61	46.64 4.87 0.00	50.65 4.55 0.00	50.67 4.25 0.00	50.81 4.47 0.00	51.42 4.15 0.00	51.20 4.04 0.25	48.90 4.18 1.33	56.78 4.32 -5.01	66.61 4.86 -3.44	87.42 4.55 -3.66	58.89 3.31 43.77	75.66 1.91 6.89	43.03 0.71 25.27	50.74 0.61 2.26
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.43 -0.26 0.00	30.98 -0.85 0.00	26.16 -0.92 0.00	21.90 -0.89 0.00	23.33 -0.91 0.00	25.05 -1.05 0.00	24.22 -0.72 0.00	23.28 -0.97 0.00	22.76 -0.01 0.00	25.48 0.51 0.00	43.32 1.55 0.00	48.95 2.84 0.00	49.23 2.81 0.00	48.64 2.30 0.00	49.18 1.91 0.00	49.58 2.17 0.00	48.61 2.55 0.00	50.44 2.98 0.00	61.98 3.67 0.00	85.42 6.21 0.00	106.00 6.65 0.00	82.47 1.84 0.00	68.07 0.48 0.00	52.61 0.22 0.00

MORRIS_RIDGE___SOLAR 323848	37.23 -0.46 0.00	30.98 -0.85 0.00	26.19 -0.88 0.00	22.05 -0.73 0.00	23.47 -0.77 0.00	25.31 -0.79 0.00	24.21 -0.72 0.00	23.25 -1.00 0.00	22.08 -0.70 0.00	24.46 -0.51 0.00	41.08 -0.69 0.00	45.95 -0.16 0.00	46.38 -0.04 0.00	46.22 -0.12 0.00	46.75 -0.51 0.00	47.16 -0.26 0.00	46.27 0.21 0.00	48.02 0.56 0.00	59.53 0.94 -0.28	83.29 3.17 -0.92	104.52 4.13 -1.04	82.15 1.11 -0.41	67.39 -0.26 -0.06	51.51 -0.88 0.00
MORTIMER_115KV_TB3 55949	38.01 0.32 0.00	31.93 0.10 0.00	26.98 -0.10 0.00	22.70 -0.09 0.00	24.13 -0.11 0.00	26.02 -0.08 0.00	24.96 0.03 0.00	24.17 -0.08 0.00	22.90 0.12 0.00	25.36 0.39 0.00	42.78 1.01 0.00	47.74 1.63 0.00	48.14 1.72 0.00	47.97 1.63 0.00	48.78 1.51 0.00	49.19 1.78 0.00	48.20 2.14 0.00	49.89 2.43 0.00	61.16 2.85 0.00	83.87 4.67 0.00	104.98 5.63 0.00	83.80 3.17 0.00	69.56 1.97 0.00	53.36 0.97 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.33 1.64 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.21 0.00	25.51 1.27 0.00	27.55 1.45 0.00	26.71 1.78 0.00	26.01 1.76 0.00	26.82 1.70 -2.35	28.45 1.87 -1.61	44.99 3.22 0.00	49.59 3.48 0.00	50.09 3.67 0.00	50.02 3.68 0.00	50.98 3.71 0.00	51.46 4.04 0.00	50.92 4.64 -0.22	52.05 4.59 0.00	63.35 5.04 0.00	86.67 5.57 -1.90	104.80 5.46 0.00	84.34 3.71 0.00	70.01 2.43 0.00	54.23 1.85 0.00
MUNSVILLE_WIND_PWR 323609	39.61 1.92 0.00	33.31 1.48 0.00	28.29 1.22 0.00	23.88 1.10 0.00	25.46 1.23 0.00	27.58 1.48 0.00	26.50 1.57 0.00	25.86 1.61 0.00	24.41 1.64 0.00	26.83 1.87 0.00	45.29 3.53 0.00	50.21 4.11 0.00	50.97 4.55 0.00	50.73 4.39 0.00	51.32 4.05 0.00	51.87 4.45 0.00	51.14 5.08 0.00	53.15 5.69 0.00	66.46 7.61 -0.54	94.17 11.59 -3.37	115.13 13.75 -2.03	91.03 9.60 -0.80	73.94 6.23 -0.12	56.58 4.19 0.00
N SALMON___HYD 24042	38.16 0.47 0.00	32.09 0.25 0.00	27.15 0.07 0.00	22.75 -0.03 0.00	24.10 -0.14 0.00	25.98 -0.12 0.00	24.65 -0.28 0.00	24.01 -0.24 0.00	22.42 -0.35 0.00	24.54 -0.42 0.00	40.90 -0.87 0.00	44.88 -1.22 0.00	44.82 -1.60 0.00	44.62 -1.72 0.00	45.56 -1.71 0.00	45.62 -1.80 0.00	43.65 -2.41 0.00	45.02 -2.44 0.00	55.65 -2.65 0.01	76.69 -2.51 0.00	97.57 -1.78 0.00	79.19 -1.44 0.00	66.89 -0.69 0.00	52.09 -0.30 0.00
N.AKRON___115KV_KNAPP 355671	38.07 0.38 0.00	31.90 0.07 0.00	26.81 -0.27 0.00	22.58 -0.20 0.00	23.97 -0.26 0.00	25.83 -0.27 0.00	24.68 -0.25 0.00	23.71 -0.53 0.00	22.59 -0.19 0.00	25.20 0.23 0.00	42.49 0.73 0.00	47.51 1.41 0.00	47.89 1.47 0.00	47.51 1.17 0.00	47.99 0.72 0.00	48.31 0.89 0.00	47.49 1.43 0.00	49.38 1.92 0.00	60.57 2.26 0.00	83.69 4.48 0.00	104.99 5.65 0.00	83.21 2.57 0.00	68.96 1.37 0.00	52.91 0.52 0.00
N.E_GEN_SANDY PD 24062	38.49 0.79 0.00	32.98 0.92 -0.23	27.85 0.96 0.18	23.70 0.91 0.00	25.22 0.98 0.00	27.13 1.03 0.00	28.01 1.21 -1.87	28.08 1.19 -2.64	24.34 1.05 -0.52	26.35 1.00 -0.38	42.94 1.44 0.25	51.01 1.43 -3.48	47.94 1.52 0.00	47.90 1.56 0.00	49.01 1.75 0.00	51.07 2.07 -1.58	50.24 2.64 -1.54	51.59 2.69 -1.45	61.51 3.20 0.00	87.89 3.56 -5.13	101.39 3.25 1.21	83.17 2.24 -0.29	68.39 1.49 0.68	53.25 1.17 0.31
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.15 1.46 0.00	33.16 1.33 0.00	28.31 1.23 0.00	23.86 1.08 0.00	25.33 1.09 0.00	27.32 1.22 0.00	26.42 1.49 0.00	25.70 1.45 0.00	20.82 1.38 3.33	24.18 1.50 2.29	44.44 2.67 0.00	49.09 2.98 0.00	49.65 3.23 0.00	49.60 3.26 0.00	50.57 3.31 0.00	51.04 3.62 0.00	50.44 4.18 -0.21	51.73 4.27 0.00	63.09 4.79 0.00	86.43 5.39 -1.84	104.71 5.36 0.00	84.23 3.60 0.00	69.88 2.30 0.00	54.01 1.62 0.00
N.QUEENS_27_KV_LOAD 356247	39.33 1.64 0.00	33.46 1.63 0.00	28.56 1.48 0.00	23.96 1.18 0.00	25.51 1.27 0.00	27.57 1.47 0.00	26.84 1.90 0.00	26.10 1.86 0.00	26.88 1.76 -2.35	28.56 1.98 -1.61	44.97 3.20 0.00	49.44 3.34 0.00	50.03 3.62 0.00	49.90 3.56 0.00	50.83 3.57 0.00	51.26 3.85 0.00	50.82 4.54 -0.22	52.14 4.48 -0.20	63.40 4.84 -0.25	86.70 5.23 -2.27	105.03 4.98 -0.71	84.17 3.34 -0.20	69.73 2.14 -0.01	54.07 1.68 0.00
N.TROY___115KV_TB1 355778	38.65 0.96 0.00	32.83 1.00 0.00	28.09 1.01 0.00	23.72 0.93 0.00	25.24 1.00 0.00	27.14 1.04 0.00	26.07 1.13 0.00	25.35 1.11 0.00	23.71 0.94 0.00	25.81 0.85 0.00	42.93 1.17 0.00	47.30 1.20 0.00	47.72 1.30 0.00	47.73 1.39 0.00	48.87 1.60 0.00	49.30 1.88 0.00	50.04 2.38 -1.61	49.99 2.53 0.00	61.57 3.27 0.00	99.34 4.02 -16.11	103.37 4.02 0.00	83.55 2.92 0.00	69.69 2.10 0.00	53.97 1.59 0.00
NARROWS_GT1_1 24228	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NARROWS_GT1_2 24229	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NARROWS_GT1_3 24230	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NARROWS_GT1_4 24231	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NARROWS_GT1_5 24232	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00

NARROWS_GT1_6 24233	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NARROWS_GT1_7 24234	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NARROWS_GT1_8 24235	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NARROWS_GT2_1 24236	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NARROWS_GT2_2 24237	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NARROWS_GT2_3 24238	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NARROWS_GT2_4 24239	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NARROWS_GT2_5 24240	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NARROWS_GT2_6 24241	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NARROWS_GT2_7 24242	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NARROWS_GT2_8 24243	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.02 3.68 0.00	50.89 3.63 0.00	51.43 4.02 0.00	50.98 4.70 -0.22	52.00 4.55 0.01	63.27 4.97 0.01	86.55 5.45 -1.89	104.64 5.30 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.35 0.66 0.00	32.57 0.74 0.00	27.88 0.80 0.00	23.56 0.78 0.00	25.05 0.81 0.00	26.94 0.84 0.00	25.87 0.94 0.00	25.14 0.90 0.00	23.46 0.69 0.00	25.42 0.45 0.00	42.35 0.59 0.00	46.65 0.55 0.00	47.15 0.73 0.00	47.16 0.83 0.00	48.23 0.97 0.00	48.62 1.20 0.00	45.63 1.73 2.16	49.54 2.08 0.00	61.31 3.01 0.00	90.69 4.12 -7.36	103.89 4.55 0.00	83.90 3.26 0.00	69.80 2.21 0.00	53.92 1.53 0.00
NCHELSEA_115KV_TR2 355582	39.30 1.62 0.00	33.30 1.47 0.00	28.42 1.35 0.00	23.98 1.20 0.00	25.50 1.26 0.00	27.50 1.40 0.00	26.59 1.65 0.00	25.90 1.65 0.00	24.34 1.57 0.00	26.66 1.69 0.00	44.66 2.90 0.00	49.30 3.19 0.00	49.86 3.44 0.00	49.87 3.53 0.00	50.91 3.64 0.00	51.45 4.04 0.00	50.85 4.61 -0.18	52.22 4.76 0.00	63.86 5.55 0.00	87.69 6.50 -1.98	106.09 6.74 0.00	85.31 4.68 0.00	70.75 3.16 0.00	54.67 2.28 0.00
NEG CAPITAL___MECHNVIL 23645	39.32 1.63 0.00	33.35 1.52 0.00	28.47 1.39 0.00	24.01 1.23 0.00	25.56 1.32 0.00	27.51 1.40 0.00	26.41 1.48 0.00	25.72 1.48 0.00	24.04 1.26 0.00	26.17 1.20 0.00	43.56 1.80 0.00	48.07 1.97 0.00	48.53 2.12 0.00	48.63 2.29 0.00	49.82 2.56 0.00	50.35 2.93 0.00	50.66 3.46 -1.14	51.23 3.77 0.00	63.31 5.00 0.00	104.11 6.52 -18.39	106.42 7.07 0.00	85.81 5.18 0.00	71.43 3.84 0.00	55.15 2.77 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.33 -0.36 0.00	31.37 -0.46 0.00	26.53 -0.54 0.00	22.33 -0.45 0.00	23.74 -0.50 0.00	25.61 -0.49 0.00	24.58 -0.36 0.00	23.81 -0.43 0.00	22.54 -0.24 0.00	24.91 -0.06 0.00	41.98 0.21 0.00	46.81 0.70 0.00	47.23 0.81 0.00	47.14 0.80 0.00	48.01 0.74 0.00	48.46 1.04 0.00	47.43 1.38 0.00	49.13 1.67 0.00	60.30 1.99 0.00	82.61 3.40 0.00	103.30 3.95 0.00	82.57 1.93 0.00	68.47 0.88 0.00	52.50 0.11 0.00

NEG CENTRAL___DRP 24199	38.04 0.36 0.00	31.97 0.13 0.00	27.12 0.04 0.00	22.84 0.05 0.00	24.29 0.05 0.00	26.20 0.10 0.00	25.16 0.23 0.00	24.40 0.16 0.00	22.98 0.21 0.00	25.22 0.25 0.00	42.32 0.55 0.00	46.94 0.84 0.00	47.44 1.02 0.00	47.36 1.02 0.00	48.23 0.96 0.00	48.68 1.27 0.00	47.77 1.72 0.00	49.60 2.14 0.00	62.25 2.93 -1.01	87.17 4.62 -3.34	108.33 5.21 -3.77	85.43 3.31 -1.49	69.82 2.01 -0.22	53.38 0.99 0.00
NEG CENTRAL___INDECK 23768	39.11 1.43 0.00	32.65 0.82 0.00	27.57 0.49 0.00	23.19 0.40 0.00	24.68 0.44 0.00	26.66 0.56 0.00	25.61 0.67 0.00	24.64 0.39 0.00	23.09 0.32 0.00	25.02 0.05 0.00	41.92 0.15 0.00	46.91 0.81 0.00	46.87 0.45 0.00	46.13 -0.20 0.00	46.66 -0.60 0.00	47.05 -0.37 0.00	46.14 0.09 0.00	47.98 0.52 0.00	58.89 0.58 0.00	81.71 2.50 0.00	102.65 3.30 0.00	82.24 1.60 0.00	70.65 3.06 0.00	53.51 1.12 0.00
NEG CENTRAL___SENECA 23627	38.23 0.54 0.00	32.06 0.23 0.00	27.18 0.10 0.00	22.87 0.09 0.00	24.36 0.12 0.00	26.29 0.19 0.00	25.26 0.33 0.00	24.49 0.24 0.00	23.11 0.34 0.00	25.40 0.43 0.00	42.63 0.87 0.00	47.33 1.22 0.00	47.82 1.40 0.00	47.74 1.40 0.00	48.56 1.30 0.00	49.03 1.61 0.00	48.15 2.09 0.00	50.00 2.54 0.00	62.35 3.48 -0.56	86.54 5.48 -1.86	107.44 5.99 -2.10	85.29 3.83 -0.83	70.06 2.35 -0.12	53.57 1.18 0.00
NEG CENTRAL___STATE_STREET 24147	37.96 0.28 0.00	31.99 0.16 0.00	27.17 0.09 0.00	22.94 0.16 0.00	24.33 0.09 0.00	26.23 0.13 0.00	25.27 0.34 0.00	24.52 0.27 0.00	23.00 0.22 0.00	25.23 0.27 0.00	42.30 0.54 0.00	46.93 0.82 0.00	47.55 1.13 0.00	47.34 1.00 0.00	48.23 0.97 0.00	48.64 1.22 0.00	47.60 1.54 0.00	49.30 1.84 0.00	62.15 2.51 -1.33	87.60 4.01 -4.39	109.35 5.05 -4.95	85.70 3.11 -1.96	69.90 2.02 -0.29	53.50 1.11 0.00
NEG MILLWOOD___DRP 24198	39.34 1.65 0.00	33.34 1.51 0.00	28.46 1.39 0.00	24.00 1.22 0.00	25.53 1.29 0.00	27.53 1.43 0.00	26.65 1.72 0.00	25.96 1.72 0.00	25.03 1.64 -0.61	27.17 1.79 -0.42	44.82 3.06 0.00	49.48 3.37 0.00	50.04 3.63 0.00	50.08 3.75 0.00	51.10 3.84 0.00	51.63 4.22 0.00	51.07 4.80 -0.21	52.38 4.93 0.00	63.99 5.68 0.00	87.81 6.64 -1.97	106.16 6.81 0.00	85.37 4.73 0.00	70.77 3.19 0.00	54.68 2.29 0.00
NEG NORTH_FLCN_SEA 23793	38.13 0.44 0.00	32.06 0.23 0.00	27.16 0.08 0.00	22.79 0.00 0.00	24.14 -0.09 0.00	25.97 -0.13 0.00	24.66 -0.28 0.00	23.99 -0.26 0.00	22.28 -0.49 0.00	24.28 -0.69 0.00	40.54 -1.23 0.00	44.49 -1.61 0.00	44.37 -2.05 0.00	44.24 -2.10 0.00	45.21 -2.06 0.00	45.23 -2.19 0.00	43.46 -2.60 0.00	44.80 -2.65 0.00	55.22 -3.08 0.00	75.72 -3.49 0.00	95.65 -3.70 0.00	77.36 -3.27 0.00	65.39 -2.20 0.00	51.00 -1.39 0.00
NEG NORTH_KES_CHATEGAY 23792	37.67 -0.02 0.00	31.71 -0.13 0.00	26.84 -0.24 0.00	22.50 -0.29 0.00	23.84 -0.39 0.00	25.69 -0.41 0.00	24.37 -0.57 0.00	23.71 -0.54 0.00	22.11 -0.67 0.00	24.19 -0.78 0.00	40.35 -1.41 0.00	44.32 -1.78 0.00	44.31 -2.11 0.00	44.14 -2.20 0.00	45.08 -2.18 0.00	45.07 -2.35 0.00	43.21 -2.85 0.00	44.52 -2.94 0.00	54.89 -3.41 0.00	75.48 -3.73 0.00	95.82 -3.53 0.00	77.63 -3.01 0.00	65.63 -1.96 0.00	51.19 -1.20 0.00
NEG NORTH___ALICE_FALLS 23915	38.24 0.56 0.00	32.15 0.31 0.00	27.22 0.15 0.00	22.84 0.05 0.00	24.20 -0.04 0.00	26.04 -0.06 0.00	24.74 -0.19 0.00	24.05 -0.20 0.00	22.37 -0.40 0.00	24.40 -0.56 0.00	40.74 -1.02 0.00	44.76 -1.35 0.00	44.72 -1.70 0.00	44.58 -1.76 0.00	45.54 -1.72 0.00	45.59 -1.83 0.00	43.82 -2.24 0.00	45.20 -2.26 0.00	55.77 -2.54 0.00	76.69 -2.52 0.00	96.96 -2.39 0.00	78.40 -2.24 0.00	66.20 -1.39 0.00	51.57 -0.81 0.00
NEG NORTH___LWR_SARANAC 23913	38.24 0.56 0.00	32.15 0.31 0.00	27.22 0.15 0.00	22.84 0.05 0.00	24.20 -0.04 0.00	26.04 -0.06 0.00	24.74 -0.19 0.00	24.05 -0.20 0.00	22.37 -0.40 0.00	24.40 -0.56 0.00	40.74 -1.02 0.00	44.76 -1.35 0.00	44.72 -1.70 0.00	44.58 -1.76 0.00	45.54 -1.72 0.00	45.59 -1.83 0.00	43.82 -2.24 0.00	45.20 -2.26 0.00	55.77 -2.54 0.00	76.69 -2.52 0.00	96.96 -2.39 0.00	78.40 -2.24 0.00	66.20 -1.39 0.00	51.57 -0.81 0.00
NEG NORTH___PLATTSBURG 23628	38.24 0.56 0.00	32.14 0.31 0.00	27.23 0.15 0.00	22.84 0.05 0.00	24.20 -0.04 0.00	26.04 -0.06 0.00	24.74 -0.19 0.00	24.05 -0.20 0.00	22.37 -0.40 0.00	24.40 -0.57 0.00	40.74 -1.02 0.00	44.76 -1.35 0.00	44.72 -1.70 0.00	44.58 -1.76 0.00	45.54 -1.73 0.00	45.59 -1.83 0.00	43.82 -2.24 0.00	45.20 -2.26 0.00	55.77 -2.54 0.00	76.69 -2.52 0.00	96.95 -2.39 0.00	78.40 -2.24 0.00	66.20 -1.39 0.00	51.57 -0.81 0.00
NEG WEST_LEA_LOCKPORT 23791	37.01 -0.67 0.00	31.04 -0.79 0.00	26.07 -1.01 0.00	21.96 -0.82 0.00	23.32 -0.92 0.00	25.08 -1.02 0.00	23.91 -1.03 0.00	22.90 -1.35 0.00	21.87 -0.90 0.00	24.52 -0.44 0.00	41.45 -0.32 0.00	46.38 0.28 0.00	46.66 0.24 0.00	46.35 0.00 0.00	46.96 -0.31 0.00	47.28 -0.14 0.00	46.42 0.37 0.00	48.19 0.73 0.00	58.80 0.50 0.00	81.06 1.86 0.00	101.59 2.24 0.00	80.40 -0.23 0.00	66.88 -0.71 0.00	51.32 -1.07 0.00
NEG WEST___LANCASTR 23811	37.25 -0.43 0.00	31.21 -0.63 0.00	26.30 -0.78 0.00	22.13 -0.65 0.00	23.52 -0.71 0.00	25.34 -0.76 0.00	24.28 -0.66 0.00	23.35 -0.89 0.00	22.32 -0.46 0.00	24.94 -0.03 0.00	42.17 0.41 0.00	47.29 1.18 0.00	47.56 1.14 0.00	47.31 0.97 0.00	47.92 0.66 0.00	48.30 0.89 0.00	47.51 1.45 0.00	49.34 1.88 0.00	60.33 2.02 0.00	82.92 3.71 0.00	103.81 4.47 0.00	82.14 1.51 0.00	67.91 0.32 0.00	52.06 -0.33 0.00
NEG_PENN_ALLEGHNY 23528	37.89 0.20 0.00	31.89 0.06 0.00	27.17 0.10 0.00	22.89 0.10 0.00	24.36 0.12 0.00	26.27 0.17 0.00	25.24 0.30 0.00	24.48 0.23 0.00	23.10 0.33 0.00	25.39 0.42 0.00	42.73 0.96 0.00	47.47 1.36 0.00	47.82 1.40 0.00	47.77 1.43 0.00	48.56 1.29 0.00	48.99 1.57 0.00	47.94 1.88 0.00	49.55 2.09 0.00	61.62 2.67 -0.64	85.83 3.75 -2.88	105.84 4.09 -2.40	84.06 2.48 -0.95	69.04 1.32 -0.14	53.09 0.70 0.00
NEG___GEN_MONROE 24207	38.45 0.76 0.00	32.21 0.38 0.00	27.17 0.09 0.00	22.86 0.07 0.00	24.31 0.08 0.00	26.19 0.08 0.00	25.12 0.18 0.00	24.28 0.03 0.00	23.01 0.23 0.00	25.50 0.53 0.00	43.00 1.24 0.00	48.01 1.90 0.00	48.43 2.02 0.00	48.23 1.89 0.00	48.95 1.69 0.00	49.40 1.98 0.00	48.44 2.38 0.00	50.22 2.76 0.00	61.65 3.34 0.00	84.76 5.56 0.00	106.28 6.93 0.00	84.62 3.99 0.00	70.25 2.67 0.00	53.82 1.43 0.00
NEPA___ENERGY 23901	37.11 -0.58 0.00	30.95 -0.88 0.00	26.23 -0.84 0.00	22.07 -0.72 0.00	23.51 -0.73 0.00	25.29 -0.81 0.00	24.31 -0.63 0.00	23.32 -0.93 0.00	22.36 -0.41 0.00	24.83 -0.13 0.00	42.49 0.72 0.00	47.85 1.74 0.00	48.01 1.59 0.00	47.89 1.55 0.00	48.28 1.02 0.00	48.82 1.41 0.00	47.94 1.88 0.00	49.80 2.35 0.00	61.16 2.85 0.00	83.73 4.52 0.00	104.50 5.15 0.00	82.64 2.01 0.00	68.11 0.52 0.00	52.32 -0.07 0.00

NEVERSINK___HYD 23608	38.58 0.89 0.00	32.63 0.80 0.00	27.82 0.74 0.00	23.44 0.66 0.00	24.93 0.69 0.00	26.89 0.79 0.00	25.96 1.03 0.00	25.30 1.05 0.00	23.20 1.01 0.57	25.65 1.08 0.39	43.70 1.93 0.00	48.21 2.11 0.00	48.88 2.46 0.00	48.84 2.50 0.00	49.86 2.60 0.00	50.35 2.94 0.00	49.58 3.52 0.00	51.25 3.79 0.00	62.79 4.48 0.00	86.63 5.37 -2.06	104.78 5.43 0.00	84.29 3.65 0.00	69.84 2.26 0.00	53.86 1.47 0.00
NEWKRMKL_115KV_TB1 55635	37.80 0.11 0.00	32.15 0.31 0.00	27.56 0.48 0.00	23.31 0.53 0.00	24.78 0.54 0.00	26.63 0.53 0.00	25.58 0.64 0.00	24.86 0.62 0.00	23.29 0.52 0.00	25.42 0.45 0.00	42.47 0.70 0.00	46.70 0.59 0.00	47.14 0.72 0.00	47.12 0.78 0.00	48.14 0.87 0.00	48.37 0.96 0.00	46.85 1.43 0.64	48.98 1.52 0.00	60.19 1.88 0.00	93.26 2.06 -12.00	101.03 1.68 0.00	81.61 0.98 0.00	68.07 0.48 0.00	52.71 0.32 0.00
NEWTON___FALLS_HYD 23847	38.26 0.57 0.00	32.14 0.30 0.00	27.17 0.09 0.00	22.87 0.08 0.00	24.24 0.00 0.00	26.16 0.06 0.00	24.82 -0.11 0.00	24.19 -0.06 0.00	22.70 -0.07 0.00	24.94 -0.03 0.00	41.32 -0.44 0.00	45.01 -1.09 0.00	44.78 -1.64 0.00	44.63 -1.71 0.00	45.57 -1.70 0.00	45.96 -1.45 0.00	44.05 -2.00 0.00	45.40 -2.06 0.00	57.12 -1.70 -0.51	79.78 -1.02 -1.59	101.94 0.79 -1.80	82.96 1.62 -0.71	68.50 0.81 -0.11	52.59 0.20 0.00
NGRID_A1_DSASP 323792	36.59 -1.09 0.00	30.73 -1.10 0.00	25.82 -1.26 0.00	21.75 -1.03 0.00	23.09 -1.15 0.00	24.87 -1.23 0.00	23.70 -1.23 0.00	22.67 -1.57 0.00	21.66 -1.11 0.00	24.33 -0.64 0.00	41.15 -0.62 0.00	46.11 0.01 0.00	46.40 -0.02 0.00	46.07 -0.27 0.00	46.76 -0.50 0.00	47.04 -0.37 0.00	46.14 0.09 0.00	47.61 0.15 0.00	57.99 -0.32 0.00	79.76 0.56 0.00	99.98 0.63 0.00	79.10 -1.53 0.00	65.95 -1.64 0.00	50.93 -1.46 0.00
NGRID_A2_DSASP 323793	36.59 -1.09 0.00	30.73 -1.10 0.00	25.82 -1.26 0.00	21.75 -1.03 0.00	23.09 -1.15 0.00	24.87 -1.23 0.00	23.70 -1.23 0.00	22.67 -1.57 0.00	21.66 -1.11 0.00	24.33 -0.64 0.00	41.15 -0.62 0.00	46.11 0.01 0.00	46.40 -0.02 0.00	46.07 -0.27 0.00	46.76 -0.50 0.00	47.04 -0.37 0.00	46.14 0.09 0.00	47.61 0.15 0.00	57.99 -0.32 0.00	79.76 0.56 0.00	99.98 0.63 0.00	79.10 -1.53 0.00	65.95 -1.64 0.00	50.93 -1.46 0.00
NGRID_A4_DSASP 323807	36.59 -1.09 0.00	30.73 -1.10 0.00	25.82 -1.26 0.00	21.75 -1.03 0.00	23.09 -1.15 0.00	24.87 -1.23 0.00	23.70 -1.23 0.00	22.67 -1.57 0.00	21.66 -1.11 0.00	24.33 -0.64 0.00	41.15 -0.62 0.00	46.11 0.01 0.00	46.40 -0.02 0.00	46.07 -0.27 0.00	46.76 -0.50 0.00	47.04 -0.37 0.00	46.14 0.09 0.00	47.61 0.15 0.00	57.99 -0.32 0.00	79.76 0.56 0.00	99.98 0.63 0.00	79.10 -1.53 0.00	65.95 -1.64 0.00	50.93 -1.46 0.00
NIAGARA_115E_LBMP 323715	36.70 -0.99 0.00	30.83 -1.00 0.00	25.89 -1.19 0.00	21.83 -0.96 0.00	23.17 -1.07 0.00	24.90 -1.20 0.00	23.64 -1.29 0.00	22.60 -1.65 0.00	21.61 -1.16 0.00	24.24 -0.72 0.00	40.98 -0.79 0.00	45.92 -0.18 0.00	46.24 -0.18 0.00	45.89 -0.45 0.00	46.54 -0.73 0.00	46.86 -0.56 0.00	46.02 -0.04 0.00	47.76 0.30 0.00	58.23 -0.08 0.00	80.15 0.94 0.00	100.48 1.13 0.00	79.51 -1.12 0.00	66.25 -1.34 0.00	50.83 -1.56 0.00
NIAGARA_115W_LBMP 323714	36.52 -1.16 0.00	30.68 -1.16 0.00	25.77 -1.31 0.00	21.72 -1.07 0.00	23.05 -1.19 0.00	24.82 -1.28 0.00	23.66 -1.28 0.00	22.63 -1.62 0.00	21.62 -1.16 0.00	24.27 -0.70 0.00	41.05 -0.71 0.00	46.00 -0.10 0.00	46.29 -0.13 0.00	45.95 -0.39 0.00	46.65 -0.62 0.00	46.94 -0.48 0.00	46.03 -0.03 0.00	47.47 0.01 0.00	57.82 -0.49 0.00	79.52 0.32 0.00	99.68 0.33 0.00	78.90 -1.73 0.00	65.79 -1.80 0.00	50.82 -1.57 0.00
NIAGARA_230_LBMP 323716	36.75 -0.93 0.00	30.87 -0.96 0.00	25.95 -1.12 0.00	21.87 -0.91 0.00	23.21 -1.03 0.00	24.99 -1.11 0.00	23.85 -1.09 0.00	22.84 -1.41 0.00	21.80 -0.97 0.00	24.45 -0.52 0.00	41.35 -0.41 0.00	46.32 0.21 0.00	46.61 0.19 0.00	46.26 -0.08 0.00	46.97 -0.30 0.00	47.29 -0.12 0.00	46.41 0.35 0.00	48.08 0.62 0.00	58.61 0.31 0.00	80.65 1.44 0.00	101.12 1.77 0.00	80.08 -0.55 0.00	66.62 -0.96 0.00	51.19 -1.20 0.00
NIAGARA___115KV_198_GIBSON 55903	36.53 -1.16 0.00	30.68 -1.15 0.00	25.77 -1.31 0.00	21.71 -1.07 0.00	23.05 -1.19 0.00	24.79 -1.31 0.00	23.66 -1.28 0.00	22.63 -1.62 0.00	21.61 -1.16 0.00	24.27 -0.70 0.00	41.05 -0.71 0.00	46.01 -0.09 0.00	46.30 -0.12 0.00	45.97 -0.37 0.00	46.65 -0.62 0.00	46.94 -0.48 0.00	46.03 -0.03 0.00	47.45 -0.01 0.00	57.80 -0.51 0.00	79.50 0.29 0.00	99.64 0.29 0.00	78.89 -1.74 0.00	65.77 -1.82 0.00	50.82 -1.57 0.00
NIAGARA____ 23760	36.75 -0.93 0.00	30.87 -0.96 0.00	25.95 -1.12 0.00	21.87 -0.91 0.00	23.21 -1.03 0.00	24.99 -1.11 0.00	23.85 -1.09 0.00	22.84 -1.41 0.00	21.80 -0.97 0.00	24.45 -0.52 0.00	41.35 -0.41 0.00	46.32 0.21 0.00	46.61 0.19 0.00	46.26 -0.08 0.00	46.97 -0.30 0.00	47.29 -0.12 0.00	46.41 0.35 0.00	48.08 0.62 0.00	58.61 0.31 0.00	80.65 1.44 0.00	101.12 1.77 0.00	80.08 -0.55 0.00	66.62 -0.96 0.00	51.19 -1.20 0.00
NINE_MILE_1 23575	36.63 -1.06 0.00	30.90 -0.93 0.00	26.27 -0.81 0.00	22.12 -0.66 0.00	23.53 -0.70 0.00	25.35 -0.74 0.00	24.28 -0.66 0.00	23.60 -0.64 0.00	22.21 -0.57 0.00	24.39 -0.57 0.00	40.85 -0.92 0.00	45.18 -0.92 0.00	45.50 -0.92 0.00	45.45 -0.89 0.00	46.36 -0.90 0.00	46.64 -0.78 0.00	45.47 -0.58 0.00	46.94 -0.52 0.00	48.73 -0.63 8.95	48.91 -0.71 29.59	64.82 -1.11 33.42	66.13 -1.30 13.21	64.20 -1.42 1.98	51.11 -1.28 0.00
NINE_MILE_2 23744	36.63 -1.06 0.00	30.90 -0.93 0.00	26.27 -0.81 0.00	22.12 -0.66 0.00	23.53 -0.70 0.00	25.35 -0.74 0.00	24.28 -0.66 0.00	23.60 -0.64 0.00	22.21 -0.56 0.00	24.39 -0.57 0.00	40.85 -0.92 0.00	45.18 -0.92 0.00	45.50 -0.92 0.00	45.45 -0.89 0.00	46.36 -0.90 0.00	46.64 -0.78 0.00	45.47 -0.58 0.00	46.93 -0.52 0.00	48.60 -0.63 9.09	48.46 -0.71 30.03	64.32 -1.11 33.92	65.92 -1.31 13.40	64.17 -1.42 2.01	51.11 -1.28 0.00
NM_CAPITAL___DRP 24208	37.87 0.18 0.00	32.22 0.39 0.00	27.62 0.55 0.00	23.36 0.57 0.00	24.83 0.59 0.00	26.69 0.59 0.00	25.64 0.71 0.00	24.92 0.68 0.00	23.35 0.58 0.00	25.47 0.50 0.00	42.49 0.73 0.00	46.74 0.64 0.00	47.17 0.76 0.00	47.15 0.81 0.00	48.16 0.89 0.00	48.44 1.02 0.00	48.64 1.51 -1.08	49.04 1.58 0.00	60.25 1.94 0.00	93.11 2.11 -11.79	101.07 1.72 0.00	81.67 1.04 0.00	68.15 0.57 0.00	52.80 0.41 0.00
NM_CENTRAL___DRP 24181	37.49 -0.20 0.00	31.59 -0.24 0.00	26.85 -0.23 0.00	22.61 -0.17 0.00	24.06 -0.18 0.00	25.93 -0.16 0.00	24.88 -0.06 0.00	24.18 -0.07 0.00	22.78 0.00 0.00	25.05 0.08 0.00	42.04 0.27 0.00	46.57 0.47 0.00	46.94 0.53 0.00	46.90 0.56 0.00	47.82 0.56 0.00	48.17 0.75 0.00	47.07 1.02 0.00	48.62 1.17 0.00	60.67 1.49 -0.87	84.28 2.21 -2.87	104.99 2.41 -3.24	83.28 1.37 -1.28	68.34 0.56 -0.19	52.51 0.13 0.00

NM_FRONTIER___DRP 24179	36.53 -1.16 0.00	30.68 -1.15 0.00	25.77 -1.31 0.00	21.71 -1.07 0.00	23.05 -1.19 0.00	24.79 -1.31 0.00	23.66 -1.28 0.00	22.63 -1.62 0.00	21.61 -1.16 0.00	24.27 -0.70 0.00	41.05 -0.71 0.00	46.01 -0.09 0.00	46.30 -0.12 0.00	45.97 -0.37 0.00	46.65 -0.62 0.00	46.94 -0.48 0.00	46.03 -0.03 0.00	47.45 -0.01 0.00	57.80 -0.51 0.00	79.50 0.29 0.00	99.64 0.29 0.00	78.89 -1.74 0.00	65.77 -1.82 0.00	50.82 -1.57 0.00
NM_ST_REGIS___HYD 24053	38.30 0.61 0.00	32.22 0.39 0.00	27.25 0.17 0.00	22.85 0.06 0.00	24.15 -0.09 0.00	26.05 -0.05 0.00	24.66 -0.28 0.00	23.97 -0.27 0.00	22.42 -0.35 0.00	24.56 -0.40 0.00	40.69 -1.07 0.00	44.54 -1.57 0.00	44.31 -2.11 0.00	44.04 -2.30 0.00	44.94 -2.33 0.00	44.97 -2.44 0.00	42.65 -3.41 0.00	44.00 -3.45 0.00	54.36 -3.93 0.02	75.13 -4.08 0.00	96.55 -2.80 0.00	78.90 -1.74 0.00	66.88 -0.70 0.00	52.14 -0.25 0.00
NORTHPORT___1 23551	38.81 1.13 0.00	33.14 1.30 0.00	28.26 1.18 0.00	23.83 1.05 0.00	25.31 1.08 0.00	27.38 1.28 0.00	26.54 1.61 0.00	25.80 1.55 0.00	26.34 1.23 -2.34	27.70 1.13 -1.61	44.59 2.83 0.00	48.19 2.09 0.00	48.54 2.12 0.00	48.65 2.31 0.00	49.39 2.13 0.01	46.55 2.58 3.45	24.63 2.99 24.42	46.02 3.07 4.50	58.22 3.41 3.50	78.48 3.11 3.84	56.91 1.99 44.43	75.03 1.38 6.99	42.08 0.19 25.69	50.25 0.16 2.29
NORTHPORT___2 23552	38.81 1.13 0.00	33.14 1.30 0.00	28.26 1.18 0.00	23.83 1.05 0.00	25.31 1.08 0.00	27.38 1.28 0.00	26.54 1.61 0.00	25.80 1.55 0.00	26.34 1.23 -2.34	27.70 1.13 -1.61	44.59 2.83 0.00	48.19 2.09 0.00	48.54 2.12 0.00	48.65 2.31 0.00	49.39 2.13 0.01	46.55 2.58 3.45	24.63 2.99 24.42	46.02 3.07 4.50	58.22 3.41 3.50	78.48 3.11 3.84	56.91 1.99 44.43	75.03 1.38 6.99	42.08 0.19 25.69	50.25 0.16 2.29
NORTHPORT___3 23553	38.77 1.08 0.00	33.09 1.26 0.00	28.21 1.14 0.00	23.80 1.02 0.00	25.26 1.02 0.00	27.33 1.23 0.00	26.47 1.54 0.00	25.72 1.48 0.00	26.32 1.20 -2.34	27.66 1.09 -1.61	44.49 2.73 0.00	48.06 1.96 0.00	48.45 2.03 0.00	48.54 2.21 0.00	49.31 2.05 0.01	46.49 2.52 3.44	24.60 2.91 24.37	47.18 2.92 3.20	58.83 3.09 2.57	79.12 2.73 2.82	56.78 1.71 44.28	74.65 0.99 6.97	41.99 -0.05 25.55	50.15 0.04 2.28
NORTHPORT___4 23650	38.77 1.08 0.00	33.09 1.26 0.00	28.21 1.14 0.00	23.80 1.02 0.00	25.26 1.02 0.00	27.33 1.23 0.00	26.47 1.54 0.00	25.72 1.48 0.00	26.32 1.20 -2.34	27.66 1.09 -1.61	44.49 2.73 0.00	48.06 1.96 0.00	48.45 2.03 0.00	48.54 2.21 0.00	49.31 2.05 0.01	46.49 2.52 3.44	24.60 2.91 24.37	47.18 2.92 3.20	58.83 3.09 2.57	79.12 2.73 2.82	56.78 1.71 44.28	74.65 0.99 6.97	41.99 -0.05 25.55	50.15 0.04 2.28
NORTHPORT___IC 23718	38.81 1.13 0.00	33.14 1.31 0.00	28.26 1.18 0.00	23.83 1.05 0.00	25.31 1.08 0.00	27.38 1.28 0.00	26.54 1.61 0.00	25.80 1.55 0.00	26.34 1.22 -2.34	27.70 1.13 -1.61	44.64 2.87 0.00	48.19 2.09 0.00	48.53 2.11 0.00	48.63 2.29 0.00	49.37 2.12 0.01	46.50 2.54 3.45	24.62 2.99 24.42	46.03 3.07 4.50	58.23 3.43 3.50	78.49 3.12 3.84	56.99 2.07 44.43	75.02 1.38 6.99	42.12 0.23 25.69	50.23 0.14 2.29
NORTH___COUNTRY_ESR 323785	37.58 -0.11 0.00	31.61 -0.22 0.00	26.77 -0.30 0.00	22.44 -0.34 0.00	23.78 -0.46 0.00	25.62 -0.48 0.00	24.30 -0.63 0.00	23.67 -0.58 0.00	22.10 -0.68 0.00	24.18 -0.79 0.00	40.35 -1.42 0.00	44.31 -1.80 0.00	44.30 -2.12 0.00	44.14 -2.20 0.00	45.07 -2.19 0.00	45.06 -2.36 0.00	43.20 -2.86 0.00	44.50 -2.96 0.00	54.87 -3.44 0.00	75.34 -3.86 0.00	95.37 -3.98 0.00	77.30 -3.33 0.00	65.35 -2.24 0.00	51.00 -1.38 0.00
NPX_GEN_1385_PROXY 323591	38.63 0.95 0.00	33.01 1.17 0.00	28.21 1.19 0.05	23.89 1.11 0.00	25.43 1.19 0.00	27.44 1.34 0.00	26.69 1.76 0.00	25.99 1.75 0.00	26.24 1.13 -2.34	27.57 1.00 -1.61	44.23 2.46 0.00	48.14 2.04 0.00	48.49 2.07 0.00	48.72 2.38 0.00	49.38 2.13 0.01	46.22 2.25 3.45	24.49 2.86 24.42	46.08 3.12 4.50	58.95 4.14 3.50	79.29 3.92 3.84	57.97 3.05 44.43	75.88 2.23 6.99	42.96 1.06 25.69	50.74 0.64 2.29
NPX_GEN_CSC 323557	38.91 1.23 0.00	33.12 1.28 0.00	28.16 1.13 0.05	23.76 0.98 0.00	25.24 1.00 0.00	27.34 1.24 0.00	26.53 1.60 0.00	25.83 1.59 0.00	26.38 1.27 -2.34	27.81 1.24 -1.61	44.62 2.86 0.00	48.49 2.39 0.00	48.94 2.52 0.00	49.09 2.75 0.00	49.96 2.69 0.00	50.34 3.17 0.25	48.25 3.51 1.32	56.01 3.67 -4.89	65.76 4.10 -3.35	86.72 3.94 -3.57	58.48 2.92 43.79	75.47 1.73 6.89	42.75 0.45 25.28	50.44 0.30 2.26
NSINS_S_GLNS_FALLS 23858	39.59 1.90 0.00	33.61 1.78 0.00	28.62 1.54 0.00	24.16 1.37 0.00	25.72 1.48 0.00	27.68 1.58 0.00	26.59 1.66 0.00	25.90 1.65 0.00	24.14 1.37 0.00	26.15 1.18 0.00	43.39 1.63 0.00	47.92 1.81 0.00	48.41 1.99 0.00	48.58 2.24 0.00	49.85 2.58 0.00	50.57 3.15 0.00	50.75 3.78 -0.91	51.60 4.14 0.00	64.18 5.87 0.00	106.51 7.83 -19.47	107.42 8.07 0.00	86.74 6.11 0.00	72.03 4.44 0.00	55.50 3.11 0.00
NUCOR_STEEL___DRP 24197	37.90 0.22 0.00	31.96 0.13 0.00	27.14 0.06 0.00	22.93 0.15 0.00	24.30 0.06 0.00	26.20 0.09 0.00	25.25 0.31 0.00	24.50 0.25 0.00	22.97 0.20 0.00	25.20 0.23 0.00	42.24 0.47 0.00	46.84 0.73 0.00	47.45 1.03 0.00	47.20 0.86 0.00	48.09 0.83 0.00	48.49 1.08 0.00	47.43 1.37 0.00	49.09 1.63 0.00	61.95 2.23 -1.42	87.41 3.53 -4.68	109.10 4.47 -5.29	85.38 2.66 -2.09	69.66 1.76 -0.31	53.35 0.96 0.00
NUMBER_THREE_WT_PWR 323818	38.07 0.39 0.00	31.93 0.10 0.00	26.98 -0.10 0.00	22.82 0.04 0.00	24.25 0.01 0.00	26.16 0.06 0.00	24.91 -0.03 0.00	24.36 0.12 0.00	22.93 0.16 0.00	25.26 0.30 0.00	42.02 0.26 0.00	45.62 -0.49 0.00	45.53 -0.88 0.00	45.56 -0.78 0.00	46.60 -0.67 0.00	47.28 -0.13 0.00	45.83 -0.22 0.00	47.19 -0.27 0.00	59.74 0.85 -0.59	83.37 2.27 -1.90	105.76 4.27 -2.15	85.89 4.40 -0.85	69.60 1.88 -0.13	52.70 0.31 0.00
NYISO_LBMP_REFERENCE 24008	37.69 0.00 0.00	31.83 0.00 0.00	27.08 0.00 0.00	22.78 0.00 0.00	24.24 0.00 0.00	26.10 0.00 0.00	24.94 0.00 0.00	24.25 0.00 0.00	22.77 0.00 0.00	24.97 0.00 0.00	41.76 0.00 0.00	46.10 0.00 0.00	46.42 0.00 0.00	46.34 0.00 0.00	47.27 0.00 0.00	47.42 0.00 0.00	46.06 0.00 0.00	47.46 0.00 0.00	58.31 0.00 0.00	79.20 0.00 0.00	99.35 0.00 0.00	80.63 0.00 0.00	67.59 0.00 0.00	52.39 0.00 0.00
NYPA_BRENTWD____GT 24164	39.47 1.79 0.00	33.61 1.78 0.00	28.64 1.56 0.00	24.14 1.36 0.00	25.63 1.40 0.00	27.74 1.64 0.00	26.91 1.97 0.00	26.18 1.93 0.00	26.73 1.62 -2.34	28.17 1.60 -1.61	45.33 3.57 0.00	49.18 3.08 0.00	49.62 3.20 0.00	49.74 3.40 0.00	50.58 3.32 0.00	50.91 3.82 0.32	50.32 4.24 -0.03	99.12 4.39 -47.27	97.48 4.96 -34.22	121.46 5.28 -36.98	61.13 4.66 42.88	77.21 3.32 6.74	44.52 1.70 24.77	51.45 1.27 2.21

NYPA_GOWANUS____GT5 24156	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.01 3.67 0.00	50.87 3.61 0.00	51.42 4.01 0.00	50.97 4.69 -0.22	52.00 4.54 0.01	63.26 4.96 0.01	86.53 5.44 -1.89	104.62 5.28 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NYPA_GOWANUS____GT6 24157	39.34 1.66 0.00	33.41 1.58 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.80 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.28 0.00	49.60 3.49 0.00	50.15 3.73 0.00	50.01 3.67 0.00	50.87 3.61 0.00	51.42 4.01 0.00	50.97 4.69 -0.22	52.00 4.54 0.01	63.26 4.96 0.01	86.53 5.44 -1.89	104.62 5.28 0.01	84.20 3.57 0.01	69.88 2.30 0.00	54.12 1.72 0.00
NYPA_HARLEM__RVR__GT1 24160	39.24 1.55 0.00	33.38 1.55 0.00	28.49 1.41 0.00	23.91 1.13 0.00	25.45 1.21 0.00	27.50 1.40 0.00	26.77 1.83 0.00	26.04 1.79 0.00	26.82 1.70 -2.35	28.49 1.91 -1.61	44.88 3.11 0.00	49.35 3.24 0.00	49.93 3.51 0.00	49.78 3.44 0.00	50.70 3.43 0.00	51.14 3.72 0.00	50.69 4.42 -0.22	51.80 4.35 0.01	62.99 4.69 0.01	86.14 5.03 -1.91	104.11 4.75 -0.01	83.81 3.17 -0.01	69.57 1.98 -0.01	53.95 1.56 0.00
NYPA_HARLEM__RVR__GT2 24161	39.24 1.55 0.00	33.38 1.55 0.00	28.49 1.41 0.00	23.91 1.13 0.00	25.45 1.21 0.00	27.50 1.40 0.00	26.77 1.83 0.00	26.04 1.79 0.00	26.82 1.70 -2.35	28.49 1.91 -1.61	44.88 3.11 0.00	49.35 3.24 0.00	49.93 3.51 0.00	49.78 3.44 0.00	50.70 3.43 0.00	51.14 3.72 0.00	50.69 4.42 -0.22	51.80 4.35 0.01	62.99 4.69 0.01	86.14 5.03 -1.91	104.11 4.75 -0.01	83.81 3.17 -0.01	69.57 1.98 -0.01	53.95 1.56 0.00
NYPA_KENT____GT 24152	39.32 1.63 0.00	33.40 1.57 0.00	28.48 1.40 0.00	23.95 1.17 0.00	25.49 1.25 0.00	27.54 1.44 0.00	26.77 1.83 0.00	26.07 1.82 0.00	26.88 1.76 -2.35	28.55 1.97 -1.61	45.05 3.29 0.00	49.60 3.49 0.00	50.11 3.70 0.00	50.00 3.66 0.00	50.86 3.60 0.00	51.36 3.94 0.00	50.87 4.59 -0.22	51.91 4.46 0.01	59.10 4.84 4.05	75.51 5.25 8.94	88.94 5.01 15.42	71.12 3.35 12.87	60.50 2.17 9.25	52.03 1.63 1.99
NYPA_POUCH1____GT 24155	39.26 1.57 0.00	33.32 1.49 0.00	28.39 1.31 0.00	23.88 1.10 0.00	25.42 1.18 0.00	27.47 1.37 0.00	26.69 1.75 0.00	25.99 1.74 0.00	26.81 1.69 -2.35	28.48 1.90 -1.61	44.97 3.21 0.00	49.50 3.40 0.00	50.06 3.65 0.00	49.96 3.62 0.00	50.79 3.52 0.00	51.41 3.99 0.00	50.94 4.66 -0.22	51.91 4.45 0.01	63.10 4.80 0.01	86.32 5.23 -1.89	104.32 4.98 0.01	83.96 3.34 0.01	69.70 2.12 0.00	54.01 1.61 0.00
NYPA_VERNON____GT2 24162	39.30 1.61 0.00	33.39 1.56 0.00	28.49 1.41 0.00	23.95 1.17 0.00	25.49 1.25 0.00	27.54 1.44 0.00	26.77 1.83 0.00	26.08 1.84 0.00	26.90 1.78 -2.35	28.56 1.98 -1.61	45.07 3.31 0.00	49.60 3.50 0.00	50.09 3.67 0.00	49.97 3.64 0.00	50.83 3.57 0.00	51.28 3.87 0.00	50.75 4.47 -0.22	51.83 4.38 0.01	54.92 4.71 8.09	64.49 5.06 19.77	73.34 4.81 30.82	58.10 3.19 25.73	51.08 2.01 18.51	49.93 1.53 3.98
NYPA_VERNON____GT3 24163	39.30 1.61 0.00	33.39 1.56 0.00	28.49 1.41 0.00	23.95 1.17 0.00	25.49 1.25 0.00	27.54 1.44 0.00	26.77 1.83 0.00	26.08 1.84 0.00	26.90 1.78 -2.35	28.56 1.98 -1.61	45.07 3.31 0.00	49.60 3.50 0.00	50.09 3.67 0.00	49.97 3.64 0.00	50.83 3.57 0.00	51.28 3.87 0.00	50.75 4.47 -0.22	51.83 4.38 0.01	54.92 4.71 8.09	64.49 5.06 19.77	73.34 4.81 30.82	58.10 3.19 25.73	51.08 2.01 18.51	49.93 1.53 3.98
NYPA____ASTORIA_CC1 323568	39.20 1.52 0.00	33.34 1.51 0.00	28.44 1.37 0.00	23.90 1.12 0.00	25.44 1.20 0.00	27.49 1.39 0.00	26.72 1.79 0.00	26.04 1.80 0.00	26.86 1.74 -2.35	28.52 1.94 -1.61	44.98 3.21 0.00	49.46 3.36 0.00	49.96 3.55 0.00	49.86 3.52 0.00	50.71 3.44 0.00	51.12 3.71 0.00	50.61 4.33 -0.22	51.69 4.24 0.01	53.03 4.53 9.81	59.68 4.85 24.38	66.53 4.55 37.38	52.44 3.00 31.20	46.94 1.81 22.45	48.92 1.36 4.83
NYPA____ASTORIA_CC2 323569	39.20 1.52 0.00	33.34 1.51 0.00	28.44 1.37 0.00	23.90 1.12 0.00	25.44 1.20 0.00	27.49 1.39 0.00	26.72 1.79 0.00	26.04 1.80 0.00	26.86 1.74 -2.35	28.52 1.94 -1.61	44.98 3.21 0.00	49.46 3.36 0.00	49.96 3.55 0.00	49.86 3.52 0.00	50.71 3.44 0.00	51.12 3.71 0.00	50.61 4.33 -0.22	51.69 4.24 0.01	53.03 4.53 9.81	59.68 4.85 24.38	66.53 4.55 37.38	52.44 3.00 31.20	46.94 1.81 22.45	48.92 1.36 4.83
NYPA____HOLTSVILL 23794	39.16 1.48 0.00	33.35 1.52 0.00	28.42 1.34 0.00	23.95 1.16 0.00	25.43 1.19 0.00	27.54 1.44 0.00	26.69 1.76 0.00	25.96 1.72 0.00	26.49 1.38 -2.34	27.91 1.34 -1.61	44.86 3.09 0.00	48.71 2.61 0.00	49.15 2.73 0.00	49.27 2.93 0.00	50.12 2.85 0.00	50.49 3.31 0.24	48.45 3.62 1.24	55.65 3.72 -4.47	65.50 4.14 -3.04	86.52 4.08 -3.24	58.75 3.24 43.85	75.80 2.07 6.90	43.04 0.77 25.32	50.76 0.63 2.26
NYPA____HELLGATE_GT1 24158	39.24 1.55 0.00	33.38 1.55 0.00	28.49 1.41 0.00	23.91 1.13 0.00	25.45 1.21 0.00	27.50 1.40 0.00	26.77 1.83 0.00	26.04 1.79 0.00	26.82 1.70 -2.35	28.49 1.91 -1.61	44.88 3.11 0.00	49.35 3.24 0.00	49.93 3.51 0.00	49.78 3.44 0.00	50.70 3.43 0.00	51.14 3.72 0.00	50.69 4.42 -0.22	51.80 4.35 0.01	62.99 4.69 0.01	86.14 5.03 -1.91	104.11 4.75 -0.01	83.81 3.17 -0.01	69.57 1.98 -0.01	53.95 1.56 0.00
NYPA____HELLGATE_GT2 24159	39.24 1.55 0.00	33.38 1.55 0.00	28.49 1.41 0.00	23.91 1.13 0.00	25.45 1.21 0.00	27.50 1.40 0.00	26.77 1.83 0.00	26.04 1.79 0.00	26.82 1.70 -2.35	28.49 1.91 -1.61	44.88 3.11 0.00	49.35 3.24 0.00	49.93 3.51 0.00	49.78 3.44 0.00	50.70 3.43 0.00	51.14 3.72 0.00	50.69 4.42 -0.22	51.80 4.35 0.01	62.99 4.69 0.01	86.14 5.03 -1.91	104.11 4.75 -0.01	83.81 3.17 -0.01	69.57 1.98 -0.01	53.95 1.56 0.00
NYS_BARGE____HYD 23848	37.14 -0.55 0.00	31.15 -0.68 0.00	26.16 -0.92 0.00	22.04 -0.74 0.00	23.40 -0.84 0.00	25.18 -0.92 0.00	23.98 -0.96 0.00	22.96 -1.29 0.00	21.94 -0.83 0.00	24.59 -0.37 0.00	41.58 -0.19 0.00	46.55 0.45 0.00	46.85 0.43 0.00	46.51 0.18 0.00	47.15 -0.12 0.00	47.49 0.07 0.00	46.64 0.58 0.00	48.44 0.98 0.00	59.12 0.81 0.00	81.49 2.28 0.00	102.14 2.79 0.00	80.80 0.16 0.00	67.22 -0.36 0.00	51.55 -0.83 0.00
OAK ORCHARD____HYD 24046	38.00 0.32 0.00	31.93 0.10 0.00	26.98 -0.10 0.00	22.70 -0.08 0.00	24.13 -0.11 0.00	26.03 -0.07 0.00	24.96 0.03 0.00	24.17 -0.08 0.00	22.90 0.12 0.00	25.36 0.39 0.00	42.78 1.01 0.00	47.74 1.63 0.00	48.14 1.72 0.00	47.95 1.61 0.00	48.77 1.51 0.00	49.20 1.78 0.00	48.20 2.14 0.00	49.90 2.45 0.00	61.16 2.85 0.00	83.89 4.68 0.00	105.00 5.65 0.00	83.80 3.17 0.00	69.55 1.97 0.00	53.36 0.97 0.00

OAKDALE___35_KV_LOAD 356122	37.71 0.03 0.00	31.76 -0.07 0.00	27.07 -0.01 0.00	22.80 0.02 0.00	24.27 0.03 0.00	26.16 0.06 0.00	25.13 0.19 0.00	24.38 0.14 0.00	23.00 0.23 0.00	25.26 0.29 0.00	42.48 0.71 0.00	47.17 1.06 0.00	47.51 1.09 0.00	47.45 1.11 0.00	48.23 0.96 0.00	48.63 1.21 0.00	47.57 1.51 0.00	49.15 1.69 0.00	61.08 2.15 -0.63	85.08 3.04 -2.85	104.90 3.21 -2.34	83.40 1.84 -0.93	68.56 0.84 -0.14	52.76 0.37 0.00
OCC_CHEM___DRP 24175	36.60 -1.09 0.00	30.74 -1.10 0.00	25.81 -1.26 0.00	21.75 -1.03 0.00	23.09 -1.14 0.00	24.84 -1.26 0.00	23.70 -1.23 0.00	22.67 -1.57 0.00	21.66 -1.12 0.00	24.32 -0.64 0.00	41.15 -0.62 0.00	46.11 0.01 0.00	46.40 -0.02 0.00	46.08 -0.26 0.00	46.76 -0.50 0.00	47.05 -0.37 0.00	46.14 0.09 0.00	47.59 0.13 0.00	57.97 -0.34 0.00	79.74 0.53 0.00	99.93 0.58 0.00	79.10 -1.53 0.00	65.93 -1.65 0.00	50.93 -1.46 0.00
OH_GEN_PROXY 24063	36.74 -0.94 0.00	30.87 -0.96 0.00	25.92 -1.11 0.05	21.87 -0.91 0.00	23.22 -1.01 0.00	25.00 -1.10 0.00	23.87 -1.06 0.00	22.88 -1.36 0.00	21.84 -0.93 0.00	24.48 -0.49 0.00	41.41 -0.36 0.00	46.39 0.29 0.00	46.67 0.25 0.00	46.33 -0.01 0.00	47.02 -0.24 0.00	47.39 -0.03 0.00	46.50 0.44 0.00	48.17 0.71 0.00	58.75 0.44 0.00	80.82 1.61 0.00	101.34 1.99 0.00	154.41 -0.33 -74.11	114.48 -0.87 -47.76	51.22 -1.17 0.00
OLIN_CORP_DRP 24177	36.76 -0.92 0.00	30.88 -0.95 0.00	25.92 -1.15 0.00	21.85 -0.93 0.00	23.19 -1.05 0.00	24.93 -1.17 0.00	23.70 -1.24 0.00	22.66 -1.59 0.00	21.66 -1.12 0.00	24.30 -0.66 0.00	41.08 -0.68 0.00	46.03 -0.07 0.00	46.35 -0.07 0.00	46.03 -0.31 0.00	46.68 -0.59 0.00	46.99 -0.42 0.00	46.14 0.08 0.00	47.87 0.42 0.00	58.36 0.05 0.00	80.35 1.14 0.00	100.69 1.34 0.00	79.68 -0.95 0.00	66.38 -1.21 0.00	50.94 -1.45 0.00
OLIN_CORP_DSASP 323712	36.59 -1.09 0.00	30.73 -1.10 0.00	25.82 -1.26 0.00	21.75 -1.03 0.00	23.09 -1.15 0.00	24.87 -1.23 0.00	23.70 -1.23 0.00	22.67 -1.57 0.00	21.66 -1.11 0.00	24.33 -0.64 0.00	41.15 -0.62 0.00	46.11 0.01 0.00	46.40 -0.02 0.00	46.07 -0.27 0.00	46.76 -0.50 0.00	47.04 -0.37 0.00	46.14 0.09 0.00	47.61 0.15 0.00	57.99 -0.32 0.00	79.76 0.56 0.00	99.98 0.63 0.00	79.10 -1.53 0.00	65.95 -1.64 0.00	50.93 -1.46 0.00
ONEIDA_HERK_LFGE 323681	38.45 0.76 0.00	32.36 0.52 0.00	27.45 0.38 0.00	23.15 0.37 0.00	24.61 0.37 0.00	26.53 0.43 0.00	25.38 0.44 0.00	24.73 0.48 0.00	23.26 0.58 0.00	25.54 0.58 0.00	42.65 0.88 0.00	46.80 0.70 0.00	47.02 0.60 0.00	46.97 0.63 0.00	47.92 0.66 0.00	48.31 0.90 0.00	47.05 1.00 0.00	48.60 1.14 0.00	60.68 2.05 -0.31	83.61 3.39 -1.02	105.18 4.68 -1.15	85.04 3.95 -0.46	69.95 2.30 -0.07	53.55 1.16 0.00
ONEIDA___115KV_TB4 55905	38.79 1.11 0.00	32.68 0.85 0.00	27.75 0.68 0.00	23.37 0.59 0.00	24.86 0.62 0.00	26.81 0.71 0.00	25.69 0.76 0.00	24.97 0.73 0.00	23.49 0.71 0.00	25.77 0.80 0.00	43.10 1.34 0.00	47.62 1.52 0.00	48.01 1.59 0.00	47.80 1.46 0.00	48.57 1.30 0.00	48.77 1.36 0.00	47.67 1.62 0.00	49.35 1.89 0.00	61.49 2.75 -0.43	84.90 4.29 -1.41	106.39 5.46 -1.59	85.29 4.03 -0.63	70.31 2.63 -0.09	54.06 1.67 0.00
ONONDAGA_REF_OCCRA 23987	37.71 0.02 0.00	31.76 -0.07 0.00	27.00 -0.08 0.00	22.73 -0.05 0.00	24.18 -0.06 0.00	26.07 -0.03 0.00	25.02 0.08 0.00	24.32 0.07 0.00	22.89 0.12 0.00	25.17 0.21 0.00	42.23 0.47 0.00	46.79 0.69 0.00	47.17 0.75 0.00	47.13 0.79 0.00	48.06 0.79 0.00	48.45 1.03 0.00	47.35 1.29 0.00	48.94 1.48 0.00	61.30 1.94 -1.05	85.54 2.86 -3.48	106.47 3.20 -3.93	84.18 2.00 -1.55	68.86 1.04 -0.23	52.86 0.47 0.00
ONONDAGA___COGEN 23986	37.67 -0.02 0.00	31.74 -0.09 0.00	26.96 -0.11 0.00	22.72 -0.06 0.00	24.16 -0.08 0.00	26.05 -0.06 0.00	25.00 0.06 0.00	24.30 0.05 0.00	22.86 0.08 0.00	25.11 0.14 0.00	42.08 0.32 0.00	46.57 0.47 0.00	46.94 0.53 0.00	46.84 0.51 0.00	47.87 0.60 0.00	48.32 0.90 0.00	47.21 1.15 0.00	48.80 1.34 0.00	61.64 1.75 -1.58	87.01 2.60 -5.21	108.16 2.92 -5.89	84.73 1.77 -2.33	68.85 0.92 -0.35	52.77 0.38 0.00
ONTARIO___LFGE 23819	38.22 0.53 0.00	32.06 0.23 0.00	27.18 0.10 0.00	22.88 0.09 0.00	24.36 0.12 0.00	26.30 0.20 0.00	25.26 0.33 0.00	24.49 0.24 0.00	23.11 0.34 0.00	25.39 0.43 0.00	42.63 0.86 0.00	47.32 1.22 0.00	47.82 1.40 0.00	47.74 1.40 0.00	48.56 1.29 0.00	49.03 1.61 0.00	48.15 2.09 0.00	50.00 2.54 0.00	62.36 3.49 -0.56	86.55 5.49 -1.86	107.47 6.02 -2.10	85.29 3.83 -0.83	70.07 2.36 -0.12	53.57 1.19 0.00
ORANGEVILLE_WT_PWR 323706	37.21 -0.48 0.00	30.91 -0.92 0.00	26.04 -1.03 0.00	21.93 -0.85 0.00	23.34 -0.90 0.00	25.14 -0.96 0.00	24.02 -0.91 0.00	23.08 -1.17 0.00	22.02 -0.75 0.00	24.52 -0.45 0.00	41.26 -0.50 0.00	46.24 0.14 0.00	46.68 0.26 0.00	46.46 0.12 0.00	47.04 -0.23 0.00	47.41 -0.01 0.00	46.53 0.48 0.00	48.30 0.84 0.00	59.34 1.03 0.00	82.33 3.13 0.00	103.32 3.97 0.00	81.61 0.98 0.00	67.24 -0.34 0.00	51.45 -0.94 0.00
ORANGEVILLE___ESR 323794	37.21 -0.48 0.00	30.91 -0.92 0.00	26.04 -1.03 0.00	21.93 -0.85 0.00	23.34 -0.90 0.00	25.14 -0.96 0.00	24.02 -0.91 0.00	23.08 -1.17 0.00	22.02 -0.75 0.00	24.52 -0.45 0.00	41.26 -0.50 0.00	46.24 0.14 0.00	46.68 0.26 0.00	46.46 0.12 0.00	47.04 -0.23 0.00	47.41 -0.01 0.00	46.53 0.48 0.00	48.30 0.84 0.00	59.34 1.03 0.00	82.33 3.13 0.00	103.32 3.97 0.00	81.61 0.98 0.00	67.24 -0.34 0.00	51.45 -0.94 0.00
OSWEGATCHIE___HYD 24044	38.26 0.57 0.00	32.14 0.30 0.00	27.17 0.09 0.00	22.87 0.08 0.00	24.24 0.00 0.00	26.16 0.06 0.00	24.82 -0.11 0.00	24.19 -0.06 0.00	22.70 -0.07 0.00	24.94 -0.03 0.00	41.32 -0.44 0.00	45.01 -1.09 0.00	44.78 -1.64 0.00	44.63 -1.71 0.00	45.57 -1.70 0.00	45.96 -1.45 0.00	44.05 -2.00 0.00	45.40 -2.06 0.00	57.12 -1.70 -0.51	79.78 -1.02 -1.59	101.94 0.80 -1.80	82.96 1.62 -0.71	68.50 0.81 -0.11	52.59 0.20 0.00
OSWEGO___5 23606	36.92 -0.77 0.00	31.14 -0.69 0.00	26.47 -0.60 0.00	22.30 -0.49 0.00	23.71 -0.52 0.00	25.55 -0.55 0.00	24.48 -0.45 0.00	23.79 -0.45 0.00	22.39 -0.39 0.00	24.59 -0.38 0.00	41.18 -0.58 0.00	45.56 -0.55 0.00	45.91 -0.51 0.00	45.84 -0.50 0.00	46.75 -0.52 0.00	47.03 -0.38 0.00	45.88 -0.18 0.00	47.35 -0.11 0.00	64.90 -0.08 -6.67	101.31 0.05 -22.06	124.10 -0.17 -24.92	89.91 -0.57 -9.84	68.22 -0.84 -1.47	51.53 -0.86 0.00
OSWEGO___6 23613	36.92 -0.77 0.00	31.14 -0.69 0.00	26.47 -0.60 0.00	22.30 -0.49 0.00	23.71 -0.52 0.00	25.55 -0.55 0.00	24.48 -0.45 0.00	23.79 -0.45 0.00	22.39 -0.39 0.00	24.59 -0.38 0.00	41.18 -0.58 0.00	45.56 -0.55 0.00	45.91 -0.51 0.00	45.84 -0.50 0.00	46.75 -0.52 0.00	47.03 -0.38 0.00	45.88 -0.18 0.00	47.35 -0.11 0.00	64.90 -0.08 -6.67	101.31 0.05 -22.06	124.10 -0.17 -24.92	89.91 -0.57 -9.84	68.22 -0.84 -1.47	51.53 -0.86 0.00

OUTOKUMPU-AB___DRP 24206	37.46 -0.23 0.00	31.39 -0.44 0.00	26.34 -0.74 0.00	22.19 -0.59 0.00	23.56 -0.68 0.00	25.35 -0.75 0.00	24.20 -0.73 0.00	23.20 -1.05 0.00	22.19 -0.59 0.00	24.91 -0.06 0.00	42.18 0.42 0.00	47.30 1.20 0.00	47.55 1.13 0.00	47.20 0.86 0.00	47.86 0.59 0.00	48.19 0.78 0.00	47.33 1.27 0.00	49.09 1.62 0.00	59.87 1.56 0.00	82.46 3.25 0.00	103.18 3.83 0.00	81.51 0.87 0.00	67.77 0.18 0.00	52.10 -0.29 0.00
OXBOW___BTM 323836	37.06 -0.63 0.00	31.08 -0.75 0.00	26.08 -0.99 0.00	21.98 -0.80 0.00	23.33 -0.91 0.00	25.12 -0.98 0.00	23.96 -0.98 0.00	22.95 -1.30 0.00	21.95 -0.83 0.00	24.65 -0.32 0.00	41.73 -0.03 0.00	46.79 0.69 0.00	47.07 0.65 0.00	46.72 0.39 0.00	47.41 0.15 0.00	47.56 0.15 0.00	46.68 0.62 0.00	48.31 0.85 0.00	58.88 0.58 0.00	81.03 1.83 0.00	101.48 2.13 0.00	80.22 -0.41 0.00	66.93 -0.65 0.00	51.60 -0.79 0.00
OXBOW___ 24026	37.06 -0.63 0.00	31.08 -0.75 0.00	26.08 -0.99 0.00	21.97 -0.81 0.00	23.33 -0.91 0.00	25.10 -1.00 0.00	23.96 -0.98 0.00	22.95 -1.30 0.00	21.94 -0.84 0.00	24.64 -0.32 0.00	41.73 -0.03 0.00	46.80 0.69 0.00	47.07 0.65 0.00	46.74 0.40 0.00	47.41 0.15 0.00	47.56 0.15 0.00	46.68 0.62 0.00	48.29 0.84 0.00	58.88 0.57 0.00	81.03 1.82 0.00	101.45 2.10 0.00	80.21 -0.42 0.00	66.92 -0.67 0.00	51.60 -0.79 0.00
OXY_CHEM_DSASP 323612	36.60 -1.09 0.00	30.74 -1.10 0.00	25.81 -1.26 0.00	21.75 -1.03 0.00	23.09 -1.14 0.00	24.84 -1.26 0.00	23.70 -1.23 0.00	22.67 -1.57 0.00	21.66 -1.12 0.00	24.32 -0.64 0.00	41.15 -0.62 0.00	46.11 0.01 0.00	46.40 -0.02 0.00	46.08 -0.26 0.00	46.76 -0.50 0.00	47.05 -0.37 0.00	46.14 0.09 0.00	47.59 0.13 0.00	57.97 -0.34 0.00	79.74 0.53 0.00	99.93 0.58 0.00	79.10 -1.53 0.00	65.93 -1.65 0.00	50.93 -1.46 0.00
OZONE_PARK_ESR 323760	39.83 2.14 0.00	33.77 1.94 0.00	28.80 1.73 0.00	24.25 1.47 0.00	25.79 1.56 0.00	27.87 1.77 0.00	27.04 2.10 0.00	26.34 2.09 0.00	27.15 2.02 -2.35	28.83 2.25 -1.62	45.62 3.85 0.00	50.31 4.21 0.00	50.83 4.40 0.00	50.77 4.43 0.00	51.74 4.48 0.00	52.26 4.84 -0.22	51.76 5.48 0.00	52.89 5.43 0.00	64.35 6.04 0.00	88.01 6.90 -1.90	106.43 7.08 0.00	85.64 5.01 0.00	71.10 3.51 0.00	55.04 2.65 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.60 -1.09 0.00	30.74 -1.10 0.00	25.81 -1.26 0.00	21.75 -1.03 0.00	23.09 -1.14 0.00	24.84 -1.26 0.00	23.70 -1.23 0.00	22.67 -1.57 0.00	21.66 -1.12 0.00	24.32 -0.64 0.00	41.15 -0.62 0.00	46.11 0.01 0.00	46.40 -0.02 0.00	46.08 -0.26 0.00	46.76 -0.50 0.00	47.05 -0.37 0.00	46.14 0.09 0.00	47.59 0.13 0.00	57.97 -0.34 0.00	79.74 0.53 0.00	99.93 0.58 0.00	79.10 -1.53 0.00	65.93 -1.65 0.00	50.93 -1.46 0.00
PACKARD___115KV_DUPONT_184 80571	36.60 -1.09 0.00	30.74 -1.10 0.00	25.81 -1.26 0.00	21.75 -1.03 0.00	23.09 -1.14 0.00	24.84 -1.26 0.00	23.70 -1.23 0.00	22.67 -1.57 0.00	21.66 -1.12 0.00	24.32 -0.64 0.00	41.15 -0.62 0.00	46.11 0.01 0.00	46.40 -0.02 0.00	46.08 -0.26 0.00	46.76 -0.50 0.00	47.05 -0.37 0.00	46.14 0.09 0.00	47.59 0.13 0.00	57.97 -0.34 0.00	79.74 0.53 0.00	99.93 0.58 0.00	79.10 -1.53 0.00	65.93 -1.65 0.00	50.93 -1.46 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.20 1.51 0.00	33.33 1.50 0.00	28.43 1.36 0.00	23.89 1.11 0.00	25.42 1.18 0.00	27.47 1.37 0.00	26.73 1.79 0.00	26.01 1.76 0.00	26.81 1.69 -2.35	28.47 1.89 -1.61	44.88 3.12 0.00	49.39 3.28 0.00	49.97 3.55 0.00	49.84 3.50 0.00	50.78 3.51 0.00	51.25 3.83 0.00	50.79 4.51 -0.22	51.90 4.44 0.00	63.13 4.83 0.01	86.35 5.24 -1.91	104.41 5.06 -0.01	84.02 3.38 -0.01	69.75 2.16 -0.01	54.02 1.63 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.29 2.61 0.00	34.24 2.41 0.00	29.23 2.16 0.00	24.60 1.82 0.00	26.13 1.89 0.00	28.25 2.15 0.00	27.50 2.56 0.00	26.75 2.51 0.00	27.50 2.38 -2.35	29.24 2.66 -1.61	46.10 4.33 0.00	50.82 4.72 0.00	51.38 4.96 0.00	51.36 5.03 0.00	52.29 5.03 0.00	52.79 5.37 0.00	52.34 6.06 -0.22	53.54 6.08 0.00	65.17 6.87 0.01	89.17 8.06 -1.91	108.02 8.66 -0.01	86.93 6.29 -0.01	72.13 4.53 -0.01	55.86 3.47 0.00
PATROON___115KV_TB1 80586	37.95 0.26 0.00	32.27 0.43 0.00	27.65 0.57 0.00	23.38 0.60 0.00	24.85 0.61 0.00	26.72 0.62 0.00	25.67 0.73 0.00	24.95 0.70 0.00	23.37 0.60 0.00	25.52 0.55 0.00	42.63 0.87 0.00	46.89 0.78 0.00	47.34 0.92 0.00	47.33 1.00 0.00	48.35 1.09 0.00	48.62 1.20 0.00	47.95 1.69 -0.20	49.25 1.80 0.00	60.51 2.20 0.00	94.66 2.50 -12.95	101.55 2.21 0.00	82.01 1.38 0.00	68.39 0.80 0.00	52.95 0.56 0.00
PATTRSNVILLE___SOLAR 323815	38.84 1.15 0.00	32.83 1.00 0.00	27.98 0.91 0.00	23.58 0.80 0.00	25.09 0.86 0.00	27.03 0.93 0.00	25.90 0.97 0.00	25.08 0.83 0.00	23.37 0.60 0.00	25.47 0.51 0.00	42.46 0.70 0.00	46.83 0.73 0.00	47.34 0.92 0.00	47.30 0.96 0.00	48.28 1.02 0.00	48.57 1.15 0.00	48.04 1.47 -0.51	49.23 1.77 0.00	60.91 2.60 0.00	103.93 4.00 -20.72	104.10 4.75 0.00	84.25 3.62 0.00	70.22 2.63 0.00	54.28 1.89 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	37.53 -0.16 0.00	31.41 -0.43 0.00	26.43 -0.65 0.00	22.24 -0.54 0.00	23.63 -0.61 0.00	25.46 -0.64 0.00	24.37 -0.56 0.00	23.43 -0.81 0.00	22.43 -0.34 0.00	25.11 0.14 0.00	42.53 0.76 0.00	47.72 1.62 0.00	48.05 1.63 0.00	47.79 1.46 0.00	48.46 1.19 0.00	48.86 1.45 0.00	48.10 2.05 0.00	49.97 2.52 0.00	61.09 2.78 0.00	84.00 4.80 0.00	105.07 5.72 0.00	83.00 2.37 0.00	68.61 1.03 0.00	52.56 0.16 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.34 1.65 0.00	33.34 1.51 0.00	28.46 1.39 0.00	24.00 1.22 0.00	25.53 1.29 0.00	27.53 1.43 0.00	26.65 1.72 0.00	25.96 1.72 0.00	25.03 1.64 -0.61	27.17 1.79 -0.42	44.82 3.06 0.00	49.48 3.37 0.00	50.04 3.63 0.00	50.08 3.75 0.00	51.10 3.84 0.00	51.63 4.22 0.00	51.07 4.80 -0.21	52.38 4.93 0.00	63.99 5.68 0.00	87.81 6.64 -1.97	106.16 6.81 0.00	85.37 4.73 0.00	70.77 3.19 0.00	54.68 2.29 0.00
PEEKSKILL___ 23653	39.04 1.35 0.00	33.10 1.27 0.00	28.26 1.18 0.00	23.82 1.04 0.00	25.33 1.09 0.00	27.34 1.24 0.00	26.45 1.51 0.00	25.74 1.49 0.00	26.77 1.42 -2.58	28.27 1.53 -1.78	44.44 2.67 0.00	49.02 2.92 0.00	49.53 3.11 0.00	49.49 3.15 0.00	50.45 3.18 0.00	50.94 3.52 0.00	50.34 4.06 -0.22	51.55 4.10 0.00	62.90 4.60 0.00	86.20 5.11 -1.88	104.35 5.00 0.00	83.99 3.35 0.00	69.71 2.13 0.00	53.93 1.54 0.00
PGE MADISON___WINDPWR 24146	39.61 1.92 0.00	33.31 1.48 0.00	28.29 1.22 0.00	23.88 1.10 0.00	25.46 1.23 0.00	27.58 1.48 0.00	26.50 1.57 0.00	25.86 1.61 0.00	24.41 1.64 0.00	26.83 1.87 0.00	45.29 3.53 0.00	50.21 4.11 0.00	50.97 4.55 0.00	50.73 4.39 0.00	51.32 4.05 0.00	51.87 4.45 0.00	51.14 5.08 0.00	53.15 5.69 0.00	66.46 7.61 -0.54	94.17 11.59 -3.37	115.13 13.75 -2.03	91.03 9.60 -0.80	73.94 6.23 -0.12	56.58 4.19 0.00

PIERCEFIELD___HYD 23852	38.33 0.64 0.00	32.25 0.42 0.00	27.27 0.19 0.00	22.87 0.09 0.00	24.15 -0.08 0.00	26.07 -0.03 0.00	24.66 -0.27 0.00	23.96 -0.29 0.00	22.45 -0.32 0.00	24.58 -0.39 0.00	40.64 -1.13 0.00	44.45 -1.66 0.00	44.18 -2.24 0.00	43.87 -2.47 0.00	44.76 -2.50 0.00	44.78 -2.64 0.00	42.36 -3.69 0.00	43.71 -3.75 0.00	54.21 -4.32 -0.22	75.50 -4.50 -0.79	97.13 -3.12 -0.90	79.17 -1.82 -0.36	66.93 -0.70 -0.05	52.14 -0.25 0.00
PINELAWN_CC_1 323563	39.36 1.68 0.00	33.46 1.63 0.00	28.53 1.45 0.00	24.04 1.26 0.00	25.54 1.30 0.00	27.63 1.52 0.00	26.79 1.86 0.00	26.07 1.83 0.00	26.68 1.57 -2.34	28.16 1.59 -1.61	44.86 3.10 0.00	48.60 2.50 0.00	49.02 2.60 0.00	48.94 2.60 0.00	49.83 2.56 0.00	50.35 3.06 0.12	49.21 3.54 0.39	56.77 3.61 -5.70	66.22 4.04 -3.86	87.47 3.95 -4.32	63.19 3.13 39.30	76.66 2.06 6.04	46.13 0.75 22.20	51.23 0.82 1.98
PJM_GEN_HTTP_PROXY 323702	39.31 1.63 0.00	33.58 1.52 -0.23	28.27 1.37 0.18	23.97 1.19 0.00	25.50 1.26 0.00	27.54 1.44 0.00	26.71 1.78 0.00	26.01 1.76 0.00	26.83 1.71 -2.35	28.48 1.89 -1.62	45.09 3.26 -0.07	53.09 3.51 -3.48	50.10 3.68 0.00	50.04 3.71 0.00	51.01 3.74 0.00	51.16 4.09 0.34	50.97 4.69 -0.22	53.50 4.60 -1.45	63.33 5.02 0.00	86.62 5.51 -1.90	105.55 5.34 -0.86	84.54 3.62 -0.29	69.94 2.36 0.00	54.19 1.80 0.00
PJM_GEN_KEystone 24065	37.95 0.26 0.00	32.23 0.17 -0.23	27.06 0.16 0.18	22.95 0.17 0.00	24.41 0.17 0.00	26.32 0.22 0.00	25.36 0.42 0.00	24.55 0.30 0.00	19.79 0.44 3.43	23.24 0.63 2.36	43.15 1.32 -0.07	51.36 1.78 -3.48	48.25 1.83 0.00	48.11 1.77 0.00	48.81 1.55 0.00	49.51 1.94 -0.15	48.60 2.43 -0.12	51.50 2.60 -1.45	61.20 2.89 0.00	85.01 3.60 -2.20	103.84 3.63 -0.86	82.72 1.80 -0.29	68.32 0.73 0.00	52.67 0.28 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.02 1.33 0.00	33.37 1.31 -0.23	28.09 1.19 0.18	23.83 1.04 0.00	25.31 1.08 0.00	27.37 1.27 0.00	26.52 1.59 0.00	25.81 1.56 0.00	26.48 1.37 -2.34	27.97 1.40 -1.61	44.77 2.94 -0.07	52.17 2.60 -3.47	49.24 2.82 0.00	49.25 2.91 0.00	50.15 2.88 0.00	50.40 3.33 0.35	50.01 3.73 -0.22	52.04 3.77 -0.81	61.62 4.12 0.81	82.37 4.19 1.03	56.17 3.62 46.80	75.84 2.45 7.25	41.35 1.13 27.37	50.84 0.89 2.44
PJM_GEN_VFT_PROXY 323633	39.19 1.50 0.00	33.45 1.39 -0.23	28.18 1.28 0.18	23.90 1.11 0.00	25.42 1.18 0.00	27.44 1.34 0.00	26.62 1.68 0.00	25.91 1.67 0.00	26.73 1.61 -2.35	28.36 1.78 -1.62	44.85 3.02 -0.07	52.88 3.30 -3.48	49.90 3.49 0.00	49.85 3.51 0.00	50.79 3.52 0.00	50.95 3.88 0.34	50.78 4.50 -0.22	53.32 4.42 -1.45	63.03 4.72 0.00	86.09 4.99 -1.90	104.86 4.64 -0.86	83.96 3.04 -0.29	69.51 1.92 0.00	53.90 1.51 0.00
PLATSBURG_115KV_PMLD1 355749	38.11 0.43 0.00	32.05 0.21 0.00	27.14 0.06 0.00	22.77 -0.01 0.00	24.12 -0.12 0.00	25.96 -0.14 0.00	24.65 -0.29 0.00	23.99 -0.26 0.00	22.31 -0.46 0.00	24.31 -0.65 0.00	40.60 -1.17 0.00	44.56 -1.54 0.00	44.51 -1.91 0.00	44.38 -1.96 0.00	45.34 -1.92 0.00	45.36 -2.05 0.00	43.59 -2.47 0.00	44.94 -2.52 0.00	55.38 -2.92 0.00	75.96 -3.25 0.00	95.91 -3.44 0.00	77.56 -3.08 0.00	65.58 -2.01 0.00	51.14 -1.25 0.00
PLEASANTVLY___LBMP 24000	38.71 1.02 0.00	32.85 1.01 0.00	28.06 0.99 0.00	23.69 0.91 0.00	25.20 0.97 0.00	27.16 1.07 0.00	26.26 1.32 0.00	25.56 1.31 0.00	24.81 1.24 -0.80	26.82 1.30 -0.55	43.94 2.17 0.00	48.43 2.32 0.00	48.89 2.47 0.00	48.85 2.51 0.00	49.84 2.58 0.00	50.30 2.88 0.00	49.75 3.43 -0.26	50.93 3.47 0.00	62.24 3.93 0.00	85.53 4.32 -2.01	103.47 4.12 0.00	83.36 2.72 0.00	69.29 1.71 0.00	53.64 1.25 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.99 1.30 0.00	33.07 1.23 0.00	28.23 1.15 0.00	23.82 1.04 0.00	25.33 1.10 0.00	27.33 1.23 0.00	26.46 1.53 0.00	25.75 1.50 0.00	25.38 1.43 -1.18	27.32 1.54 -0.81	44.39 2.63 0.00	48.94 2.83 0.00	49.44 3.02 0.00	49.42 3.09 0.00	50.41 3.15 0.00	50.88 3.47 0.00	50.29 4.00 -0.23	51.49 4.04 0.00	62.89 4.58 0.00	86.21 5.08 -1.93	104.36 5.01 0.00	83.96 3.33 0.00	69.74 2.15 0.00	53.98 1.59 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.99 1.30 0.00	33.07 1.23 0.00	28.23 1.15 0.00	23.82 1.04 0.00	25.33 1.10 0.00	27.33 1.23 0.00	26.46 1.53 0.00	25.75 1.50 0.00	25.38 1.43 -1.18	27.32 1.54 -0.81	44.39 2.63 0.00	48.94 2.83 0.00	49.44 3.02 0.00	49.42 3.09 0.00	50.41 3.15 0.00	50.88 3.47 0.00	50.29 4.00 -0.23	51.49 4.04 0.00	62.89 4.58 0.00	86.21 5.08 -1.93	104.36 5.01 0.00	83.96 3.33 0.00	69.74 2.15 0.00	53.98 1.59 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.14 1.46 0.00	33.17 1.34 0.00	28.32 1.25 0.00	23.91 1.13 0.00	25.43 1.19 0.00	27.41 1.31 0.00	26.52 1.58 0.00	25.83 1.59 0.00	24.28 1.51 0.00	26.58 1.61 0.00	44.50 2.74 0.00	49.09 2.98 0.00	49.60 3.18 0.00	49.62 3.28 0.00	50.66 3.40 0.00	51.21 3.80 0.00	50.69 4.41 -0.22	52.02 4.56 0.00	63.65 5.34 0.00	87.58 6.23 -2.14	105.73 6.38 0.00	85.06 4.42 0.00	70.53 2.95 0.00	54.48 2.10 0.00
POLETTI____ 23519	39.28 1.59 0.00	33.33 1.50 0.00	28.45 1.37 0.00	23.96 1.18 0.00	25.48 1.24 0.00	27.52 1.42 0.00	26.69 1.76 0.00	26.00 1.76 0.00	26.83 1.70 -2.35	28.47 1.89 -1.62	44.97 3.21 0.00	49.57 3.47 0.00	50.06 3.64 0.00	49.99 3.65 0.00	50.94 3.67 0.00	51.44 4.02 0.00	50.92 4.64 -0.22	52.00 4.55 0.00	63.26 4.95 0.00	86.49 5.39 -1.90	104.55 5.20 0.00	84.12 3.49 0.00	69.86 2.27 0.00	54.13 1.74 0.00
POMONA___ESR 323819	39.15 1.46 0.00	33.17 1.34 0.00	28.31 1.23 0.00	23.86 1.08 0.00	25.33 1.09 0.00	27.32 1.22 0.00	26.42 1.49 0.00	25.70 1.45 0.00	20.82 1.38 3.33	24.18 1.50 2.29	44.44 2.67 0.00	49.09 2.99 0.00	49.65 3.23 0.00	49.61 3.27 0.00	50.57 3.30 0.00	51.05 3.63 0.00	50.44 4.18 -0.21	51.72 4.26 0.00	63.08 4.78 0.00	86.41 5.37 -1.84	104.70 5.35 0.00	84.23 3.60 0.00	69.88 2.29 0.00	54.01 1.62 0.00
PORT_JEFF_3 23555	39.21 1.52 0.00	33.38 1.55 0.00	28.44 1.36 0.00	23.96 1.18 0.00	25.46 1.22 0.00	27.56 1.46 0.00	26.70 1.77 0.00	25.96 1.72 0.00	26.49 1.38 -2.34	27.92 1.35 -1.61	44.95 3.18 0.00	48.84 2.74 0.00	49.29 2.87 0.00	49.41 3.07 0.00	50.25 2.98 0.00	50.52 3.36 0.26	48.16 3.50 1.39	55.72 3.56 -4.70	65.50 3.97 -3.22	86.47 3.84 -3.43	58.44 2.87 43.78	75.54 1.79 6.89	42.87 0.56 25.28	50.76 0.63 2.26
PORT_JEFF_4 23616	39.21 1.52 0.00	33.38 1.55 0.00	28.44 1.36 0.00	23.96 1.18 0.00	25.46 1.22 0.00	27.56 1.46 0.00	26.70 1.77 0.00	25.96 1.72 0.00	26.49 1.38 -2.34	27.92 1.35 -1.61	44.95 3.18 0.00	48.84 2.74 0.00	49.29 2.87 0.00	49.41 3.07 0.00	50.25 2.98 0.00	50.52 3.36 0.26	48.16 3.50 1.39	55.72 3.56 -4.70	65.50 3.97 -3.22	86.47 3.84 -3.43	58.44 2.87 43.78	75.54 1.79 6.89	42.87 0.56 25.28	50.76 0.63 2.26

PORT_JEFF_IC 23713	39.26 1.57 0.00	33.43 1.59 0.00	28.47 1.39 0.00	23.99 1.20 0.00	25.48 1.25 0.00	27.59 1.49 0.00	26.74 1.80 0.00	26.01 1.76 0.00	26.53 1.42 -2.34	27.98 1.40 -1.61	45.08 3.32 0.00	48.93 2.83 0.00	49.42 3.00 0.00	49.52 3.18 0.00	50.38 3.11 0.00	50.58 3.51 0.34	47.64 3.55 1.97	55.85 3.63 -4.76	65.65 4.05 -3.29	86.63 3.94 -3.48	58.73 2.99 43.61	75.56 1.79 6.86	43.00 0.59 25.18	50.90 0.75 2.25
PPL PILGRIM_ST_GT1 24216	39.47 1.79 0.00	33.61 1.78 0.00	28.64 1.56 0.00	24.14 1.36 0.00	25.63 1.40 0.00	27.74 1.64 0.00	26.91 1.97 0.00	26.18 1.93 0.00	26.73 1.62 -2.34	28.17 1.60 -1.61	45.33 3.57 0.00	49.18 3.08 0.00	49.62 3.20 0.00	49.74 3.40 0.00	50.58 3.32 0.00	50.91 3.82 0.32	50.32 4.24 -0.03	99.12 4.39 -47.27	97.48 4.96 -34.22	121.46 5.28 -36.98	61.13 4.66 42.88	77.21 3.32 6.74	44.52 1.70 24.77	51.45 1.27 2.21
PPL PILGRIM_ST_GT2 24217	39.47 1.79 0.00	33.61 1.78 0.00	28.64 1.56 0.00	24.14 1.36 0.00	25.63 1.40 0.00	27.74 1.64 0.00	26.91 1.97 0.00	26.18 1.93 0.00	26.73 1.62 -2.34	28.17 1.60 -1.61	45.33 3.57 0.00	49.18 3.08 0.00	49.62 3.20 0.00	49.74 3.40 0.00	50.58 3.32 0.00	50.91 3.82 0.32	50.32 4.24 -0.03	99.12 4.39 -47.27	97.48 4.96 -34.22	121.46 5.28 -36.98	61.13 4.66 42.88	77.21 3.32 6.74	44.52 1.70 24.77	51.45 1.27 2.21
PPL_SHRM_GT3 24213	38.95 1.26 0.00	33.15 1.32 0.00	28.23 1.16 0.00	23.78 1.00 0.00	25.26 1.02 0.00	27.36 1.26 0.00	26.55 1.62 0.00	25.85 1.60 0.00	26.39 1.27 -2.34	27.81 1.24 -1.61	44.62 2.86 0.00	48.49 2.38 0.00	48.95 2.53 0.00	49.12 2.79 0.00	49.98 2.71 0.00	50.35 3.21 0.28	48.12 3.56 1.50	56.34 3.72 -5.16	66.05 4.19 -3.56	87.07 4.08 -3.79	58.71 3.06 43.70	75.60 1.85 6.88	42.89 0.53 25.23	50.48 0.34 2.25
PPL_SHRM_GT4 24214	38.95 1.26 0.00	33.15 1.32 0.00	28.23 1.16 0.00	23.78 1.00 0.00	25.26 1.02 0.00	27.36 1.26 0.00	26.55 1.62 0.00	25.85 1.60 0.00	26.39 1.27 -2.34	27.81 1.24 -1.61	44.62 2.86 0.00	48.49 2.38 0.00	48.95 2.53 0.00	49.12 2.79 0.00	49.98 2.71 0.00	50.35 3.21 0.28	48.12 3.56 1.50	56.34 3.72 -5.16	66.05 4.19 -3.56	87.07 4.08 -3.79	58.71 3.06 43.70	75.60 1.85 6.88	42.89 0.53 25.23	50.48 0.34 2.25
PROJECT___ORANGE 1 24174	37.51 -0.18 0.00	31.60 -0.23 0.00	26.85 -0.22 0.00	22.62 -0.17 0.00	24.06 -0.17 0.00	25.94 -0.16 0.00	24.89 -0.05 0.00	24.19 -0.05 0.00	22.79 0.02 0.00	25.07 0.10 0.00	42.07 0.30 0.00	46.61 0.51 0.00	46.99 0.57 0.00	46.94 0.60 0.00	47.87 0.60 0.00	48.22 0.80 0.00	47.12 1.06 0.00	48.68 1.22 0.00	60.73 1.55 -0.87	84.34 2.28 -2.86	105.07 2.49 -3.23	83.34 1.43 -1.28	68.40 0.62 -0.19	52.55 0.16 0.00
PROJECT___ORANGE 2 24166	37.51 -0.18 0.00	31.60 -0.23 0.00	26.85 -0.22 0.00	22.62 -0.17 0.00	24.06 -0.17 0.00	25.94 -0.16 0.00	24.89 -0.05 0.00	24.19 -0.05 0.00	22.79 0.02 0.00	25.07 0.10 0.00	42.07 0.30 0.00	46.61 0.51 0.00	46.99 0.57 0.00	46.94 0.60 0.00	47.87 0.60 0.00	48.22 0.80 0.00	47.12 1.06 0.00	48.68 1.22 0.00	60.73 1.55 -0.87	84.34 2.28 -2.86	105.07 2.49 -3.23	83.34 1.43 -1.28	68.40 0.62 -0.19	52.55 0.16 0.00
PUCKETT___SOLAR 323809	37.86 0.17 0.00	31.87 0.04 0.00	27.16 0.09 0.00	22.88 0.09 0.00	24.35 0.11 0.00	26.25 0.15 0.00	25.22 0.29 0.00	24.46 0.21 0.00	23.02 0.25 0.00	25.25 0.29 0.00	42.43 0.66 0.00	47.03 0.92 0.00	47.47 1.05 0.00	47.34 1.00 0.00	48.23 0.96 0.00	48.59 1.18 0.00	47.56 1.50 0.00	49.19 1.73 0.00	61.36 2.41 -0.64	85.65 3.56 -2.88	105.71 3.96 -2.40	84.00 2.42 -0.95	68.97 1.25 -0.14	53.05 0.66 0.00
PYRITES___HYD 24023	39.07 1.38 0.00	32.86 1.03 0.00	27.77 0.69 0.00	23.30 0.52 0.00	24.69 0.45 0.00	26.68 0.57 0.00	25.24 0.30 0.00	24.40 0.16 0.00	22.73 -0.05 0.00	24.81 -0.16 0.00	41.10 -0.67 0.00	45.08 -1.03 0.00	44.90 -1.52 0.00	44.56 -1.78 0.00	45.47 -1.80 0.00	45.42 -2.00 0.00	42.89 -3.17 0.00	44.31 -3.15 0.00	54.93 -3.36 0.02	76.77 -2.44 0.00	99.55 0.20 0.00	81.48 0.85 0.00	69.08 1.49 0.00	53.76 1.37 0.00
QUAKERRD_115KV_BK1 80622	37.11 -0.58 0.00	31.21 -0.63 0.00	26.40 -0.68 0.00	22.22 -0.56 0.00	23.62 -0.62 0.00	25.47 -0.63 0.00	24.44 -0.50 0.00	23.67 -0.58 0.00	22.40 -0.38 0.00	24.76 -0.21 0.00	41.71 -0.05 0.00	46.50 0.39 0.00	46.91 0.49 0.00	46.79 0.45 0.00	47.66 0.39 0.00	48.07 0.65 0.00	47.05 1.00 0.00	48.69 1.23 0.00	59.73 1.43 0.00	81.80 2.60 0.00	102.34 2.99 0.00	81.85 1.21 0.00	67.95 0.36 0.00	52.14 -0.25 0.00
QUENSBRY_115KV_TB8 356137	39.67 1.98 0.00	33.69 1.86 0.00	28.66 1.58 0.00	24.19 1.41 0.00	25.76 1.53 0.00	27.71 1.61 0.00	26.64 1.71 0.00	25.94 1.70 0.00	24.18 1.40 0.00	26.16 1.20 0.00	43.42 1.65 0.00	47.98 1.87 0.00	48.47 2.05 0.00	48.66 2.32 0.00	49.96 2.69 0.00	50.76 3.35 0.00	50.96 4.02 -0.89	51.84 4.38 0.00	64.48 6.17 0.00	106.98 8.21 -19.57	107.66 8.31 0.00	86.95 6.32 0.00	72.14 4.56 0.00	55.58 3.19 0.00
RAMAPO___LBMP 323565	38.88 1.20 0.00	32.94 1.11 0.00	28.12 1.05 0.00	23.71 0.93 0.00	25.21 0.98 0.00	27.20 1.10 0.00	26.30 1.36 0.00	25.57 1.33 0.00	20.94 1.26 3.09	24.20 1.36 2.12	44.18 2.42 0.00	48.79 2.69 0.00	49.33 2.91 0.00	49.26 2.93 0.00	50.20 2.93 0.00	50.68 3.26 0.00	50.06 3.80 -0.20	51.33 3.88 0.00	62.64 4.33 0.00	85.83 4.80 -1.82	104.07 4.73 0.00	83.73 3.10 0.00	69.51 1.92 0.00	53.73 1.34 0.00
RANKINE___ 23646	37.54 -0.15 0.00	31.39 -0.44 0.00	26.40 -0.68 0.00	22.21 -0.57 0.00	23.60 -0.64 0.00	25.41 -0.69 0.00	24.30 -0.64 0.00	23.33 -0.92 0.00	22.34 -0.44 0.00	25.02 0.05 0.00	42.37 0.61 0.00	47.54 1.44 0.00	47.88 1.46 0.00	47.63 1.29 0.00	48.28 1.01 0.00	48.66 1.25 0.00	47.86 1.80 0.00	49.70 2.24 0.00	60.77 2.46 0.00	83.64 4.43 0.00	104.69 5.34 0.00	82.67 2.04 0.00	68.42 0.83 0.00	52.44 0.05 0.00
RAVENSWOOD_GT2_1 24244	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.21 0.00	25.51 1.27 0.00	27.55 1.45 0.00	26.71 1.78 0.00	26.03 1.78 0.00	26.84 1.72 -2.35	28.48 1.90 -1.61	45.03 3.26 0.00	49.62 3.51 0.00	50.11 3.69 0.00	50.04 3.70 0.00	50.98 3.71 0.00	51.48 4.06 0.00	50.94 4.66 -0.22	52.05 4.59 0.00	63.34 5.03 0.00	86.62 5.52 -1.90	104.71 5.36 0.00	84.28 3.65 0.00	69.98 2.39 0.00	54.21 1.82 0.00
RAVENSWOOD_GT2_2 24245	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.21 0.00	25.51 1.27 0.00	27.55 1.45 0.00	26.71 1.78 0.00	26.03 1.78 0.00	26.84 1.72 -2.35	28.48 1.90 -1.61	45.03 3.26 0.00	49.62 3.51 0.00	50.11 3.69 0.00	50.04 3.70 0.00	50.98 3.71 0.00	51.48 4.06 0.00	50.94 4.66 -0.22	52.05 4.59 0.00	63.34 5.03 0.00	86.62 5.52 -1.90	104.71 5.36 0.00	84.28 3.65 0.00	69.98 2.39 0.00	54.21 1.82 0.00

RAVENSWOOD_GT2_3 24246	39.35 1.67 0.00	33.38 1.55 0.00	28.50 1.42 0.00	24.00 1.22 0.00	25.53 1.29 0.00	27.56 1.46 0.00	26.74 1.80 0.00	26.04 1.79 0.00	26.85 1.73 -2.35	28.50 1.92 -1.61	45.06 3.30 0.00	49.65 3.55 0.00	50.15 3.73 0.00	50.08 3.75 0.00	51.03 3.76 0.00	51.52 4.10 0.00	50.98 4.70 -0.22	52.09 4.63 0.00	63.39 5.08 0.00	86.69 5.58 -1.90	104.80 5.46 0.00	84.33 3.70 0.00	70.01 2.43 0.00	54.24 1.85 0.00
RAVENSWOOD_GT2_4 24247	39.35 1.67 0.00	33.38 1.55 0.00	28.50 1.42 0.00	24.00 1.22 0.00	25.53 1.29 0.00	27.56 1.46 0.00	26.74 1.80 0.00	26.04 1.79 0.00	26.85 1.73 -2.35	28.50 1.92 -1.61	45.06 3.30 0.00	49.65 3.55 0.00	50.15 3.73 0.00	50.08 3.75 0.00	51.03 3.76 0.00	51.52 4.10 0.00	50.98 4.70 -0.22	52.09 4.63 0.00	63.39 5.08 0.00	86.69 5.58 -1.90	104.80 5.46 0.00	84.33 3.70 0.00	70.01 2.43 0.00	54.24 1.85 0.00
RAVENSWOOD_GT3_1 24248	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.21 0.00	25.51 1.28 0.00	27.55 1.45 0.00	26.72 1.78 0.00	26.03 1.78 0.00	26.84 1.72 -2.35	28.48 1.90 -1.61	45.03 3.26 0.00	49.63 3.53 0.00	50.12 3.70 0.00	50.06 3.72 0.00	51.01 3.75 0.00	51.51 4.10 0.00	50.97 4.69 -0.22	52.08 4.62 0.00	63.38 5.07 0.00	86.66 5.56 -1.90	104.78 5.43 0.00	84.31 3.68 0.00	69.99 2.41 0.00	54.22 1.84 0.00
RAVENSWOOD_GT3_2 24249	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.21 0.00	25.51 1.28 0.00	27.55 1.45 0.00	26.72 1.78 0.00	26.03 1.78 0.00	26.84 1.72 -2.35	28.48 1.90 -1.61	45.03 3.26 0.00	49.63 3.53 0.00	50.12 3.70 0.00	50.06 3.72 0.00	51.01 3.75 0.00	51.51 4.10 0.00	50.97 4.69 -0.22	52.08 4.62 0.00	63.38 5.07 0.00	86.66 5.56 -1.90	104.78 5.43 0.00	84.31 3.68 0.00	69.99 2.41 0.00	54.22 1.84 0.00
RAVENSWOOD_GT3_3 24250	39.41 1.72 0.00	33.42 1.59 0.00	28.53 1.45 0.00	24.03 1.24 0.00	25.55 1.31 0.00	27.60 1.50 0.00	26.77 1.83 0.00	26.08 1.83 0.00	26.89 1.76 -2.35	28.54 1.96 -1.61	45.12 3.35 0.00	49.74 3.63 0.00	50.23 3.81 0.00	50.18 3.84 0.00	51.12 3.85 0.00	51.62 4.20 0.00	51.09 4.81 -0.22	52.21 4.75 0.00	63.52 5.21 0.00	86.86 5.76 -1.90	105.01 5.66 0.00	84.50 3.87 0.00	70.16 2.57 0.00	54.34 1.95 0.00
RAVENSWOOD_GT3_4 24251	39.41 1.72 0.00	33.42 1.59 0.00	28.53 1.45 0.00	24.03 1.24 0.00	25.55 1.31 0.00	27.60 1.50 0.00	26.77 1.83 0.00	26.08 1.83 0.00	26.89 1.76 -2.35	28.54 1.96 -1.61	45.12 3.35 0.00	49.74 3.63 0.00	50.23 3.81 0.00	50.18 3.84 0.00	51.12 3.85 0.00	51.62 4.20 0.00	51.09 4.81 -0.22	52.21 4.75 0.00	63.52 5.21 0.00	86.86 5.76 -1.90	105.01 5.66 0.00	84.50 3.87 0.00	70.16 2.57 0.00	54.34 1.95 0.00
RAVENSWOOD_GT_1 23729	39.30 1.61 0.00	33.39 1.56 0.00	28.49 1.41 0.00	23.96 1.17 0.00	25.49 1.25 0.00	27.54 1.44 0.00	26.77 1.83 0.00	26.09 1.84 0.00	26.90 1.78 -2.35	28.56 1.98 -1.61	45.07 3.30 0.00	49.61 3.50 0.00	50.10 3.68 0.00	49.98 3.64 0.00	50.84 3.57 0.00	51.28 3.86 0.00	50.75 4.47 -0.22	51.84 4.38 0.00	54.93 4.71 8.09	64.50 5.07 19.77	73.36 4.83 30.82	58.10 3.19 25.73	51.09 2.01 18.51	49.96 1.56 3.98
RAVENSWOOD_GT_10 24258	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.21 0.00	25.52 1.28 0.00	27.55 1.46 0.00	26.72 1.78 0.00	26.03 1.78 0.00	26.84 1.72 -2.35	28.48 1.90 -1.61	45.03 3.26 0.00	49.63 3.53 0.00	50.12 3.70 0.00	50.06 3.72 0.00	51.00 3.74 0.00	51.49 4.08 0.00	50.95 4.67 -0.22	52.07 4.61 0.00	63.36 5.05 0.00	86.65 5.55 -1.90	104.76 5.41 0.00	84.30 3.66 0.00	69.99 2.41 0.00	54.22 1.83 0.00
RAVENSWOOD_GT_11 24259	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.21 0.00	25.52 1.28 0.00	27.55 1.46 0.00	26.72 1.78 0.00	26.03 1.78 0.00	26.84 1.72 -2.35	28.48 1.90 -1.61	45.03 3.26 0.00	49.63 3.53 0.00	50.12 3.70 0.00	50.06 3.72 0.00	51.00 3.74 0.00	51.49 4.08 0.00	50.95 4.67 -0.22	52.07 4.61 0.00	63.36 5.05 0.00	86.65 5.55 -1.90	104.76 5.41 0.00	84.30 3.66 0.00	69.99 2.41 0.00	54.22 1.83 0.00
RAVENSWOOD_GT_4 24252	39.34 1.65 0.00	33.37 1.54 0.00	28.48 1.40 0.00	23.99 1.21 0.00	25.52 1.28 0.00	27.55 1.46 0.00	26.72 1.79 0.00	26.03 1.78 0.00	26.84 1.72 -2.35	28.48 1.90 -1.61	45.03 3.26 0.00	49.63 3.52 0.00	50.12 3.70 0.00	50.06 3.72 0.00	51.00 3.73 0.00	51.49 4.08 0.00	50.94 4.66 -0.22	52.06 4.60 0.00	63.34 5.03 0.00	86.63 5.53 -1.90	104.75 5.40 0.00	84.29 3.66 0.00	69.98 2.39 0.00	54.21 1.82 0.00
RAVENSWOOD_GT_5 24254	39.34 1.65 0.00	33.37 1.54 0.00	28.48 1.40 0.00	23.99 1.21 0.00	25.52 1.28 0.00	27.55 1.46 0.00	26.72 1.79 0.00	26.03 1.78 0.00	26.84 1.72 -2.35	28.48 1.90 -1.61	45.03 3.26 0.00	49.63 3.52 0.00	50.12 3.70 0.00	50.06 3.72 0.00	51.00 3.73 0.00	51.49 4.08 0.00	50.94 4.66 -0.22	52.06 4.60 0.00	63.34 5.03 0.00	86.63 5.53 -1.90	104.75 5.40 0.00	84.29 3.66 0.00	69.98 2.39 0.00	54.21 1.82 0.00
RAVENSWOOD_GT_6 24253	39.34 1.65 0.00	33.37 1.54 0.00	28.48 1.40 0.00	23.99 1.21 0.00	25.52 1.28 0.00	27.55 1.46 0.00	26.72 1.79 0.00	26.03 1.78 0.00	26.84 1.72 -2.35	28.48 1.90 -1.61	45.03 3.26 0.00	49.63 3.52 0.00	50.12 3.70 0.00	50.06 3.72 0.00	51.00 3.73 0.00	51.49 4.08 0.00	50.94 4.66 -0.22	52.06 4.60 0.00	63.34 5.03 0.00	86.63 5.53 -1.90	104.75 5.40 0.00	84.29 3.66 0.00	69.98 2.39 0.00	54.21 1.82 0.00
RAVENSWOOD_GT_7 24255	39.34 1.65 0.00	33.37 1.54 0.00	28.48 1.40 0.00	23.99 1.21 0.00	25.52 1.28 0.00	27.55 1.46 0.00	26.72 1.79 0.00	26.03 1.78 0.00	26.84 1.72 -2.35	28.48 1.90 -1.61	45.03 3.26 0.00	49.63 3.52 0.00	50.12 3.70 0.00	50.06 3.72 0.00	51.00 3.73 0.00	51.49 4.08 0.00	50.94 4.66 -0.22	52.06 4.60 0.00	63.34 5.03 0.00	86.63 5.53 -1.90	104.75 5.40 0.00	84.29 3.66 0.00	69.98 2.39 0.00	54.21 1.82 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.21 0.00	25.52 1.28 0.00	27.55 1.46 0.00	26.72 1.78 0.00	26.03 1.78 0.00	26.84 1.72 -2.35	28.48 1.90 -1.61	45.03 3.26 0.00	49.63 3.53 0.00	50.12 3.70 0.00	50.06 3.72 0.00	51.00 3.74 0.00	51.49 4.08 0.00	50.95 4.67 -0.22	52.07 4.61 0.00	63.36 5.05 0.00	86.65 5.55 -1.90	104.76 5.41 0.00	84.30 3.66 0.00	69.99 2.41 0.00	54.22 1.83 0.00
RAVENSWOOD_GT_9 24257	39.34 1.65 0.00	33.36 1.53 0.00	28.47 1.40 0.00	23.99 1.21 0.00	25.52 1.28 0.00	27.55 1.46 0.00	26.72 1.78 0.00	26.03 1.78 0.00	26.84 1.72 -2.35	28.48 1.90 -1.61	45.03 3.26 0.00	49.63 3.53 0.00	50.12 3.70 0.00	50.06 3.72 0.00	51.00 3.74 0.00	51.49 4.08 0.00	50.95 4.67 -0.22	52.07 4.61 0.00	63.36 5.05 0.00	86.65 5.55 -1.90	104.76 5.41 0.00	84.30 3.66 0.00	69.99 2.41 0.00	54.22 1.83 0.00

RAVENSWOOD___1 23533	39.18 1.49 0.00	33.31 1.48 0.00	28.42 1.34 0.00	23.90 1.12 0.00	25.43 1.19 0.00	27.47 1.37 0.00	26.72 1.78 0.00	26.04 1.79 0.00	26.88 1.75 -2.35	28.54 1.96 -1.61	45.03 3.26 0.00	49.55 3.44 0.00	50.04 3.62 0.00	49.92 3.58 0.00	50.78 3.51 0.00	51.21 3.80 0.00	50.69 4.41 -0.22	51.77 4.32 0.01	53.13 4.63 9.80	59.83 4.97 24.34	66.70 4.67 37.32	52.58 3.09 31.15	47.08 1.91 22.41	49.03 1.47 4.82
RAVENSWOOD___2 23534	39.04 1.36 0.00	33.25 1.42 0.00	28.39 1.31 0.00	23.87 1.08 0.00	25.40 1.16 0.00	27.44 1.34 0.00	26.69 1.75 0.00	26.00 1.76 0.00	26.83 1.71 -2.35	28.48 1.91 -1.61	44.88 3.11 0.00	49.33 3.22 0.00	49.78 3.37 0.00	49.68 3.34 0.00	50.44 3.17 0.00	50.89 3.47 0.00	50.33 4.06 -0.22	51.37 3.91 0.01	52.54 4.08 9.85	58.95 4.20 24.46	65.61 3.76 37.49	51.72 2.38 31.30	46.50 1.43 22.52	48.72 1.17 4.84
RAVENSWOOD___3 23535	39.34 1.65 0.00	33.37 1.54 0.00	28.47 1.40 0.00	23.99 1.21 0.00	25.52 1.28 0.00	27.55 1.46 0.00	26.72 1.78 0.00	26.03 1.78 0.00	26.84 1.72 -2.35	28.48 1.90 -1.61	45.03 3.26 0.00	49.63 3.53 0.00	50.12 3.70 0.00	50.06 3.72 0.00	51.01 3.74 0.00	51.49 4.08 0.00	50.96 4.68 -0.22	52.07 4.61 0.00	63.37 5.06 0.00	86.63 5.53 -1.90	104.74 5.40 0.00	84.30 3.67 0.00	69.98 2.40 0.00	54.21 1.82 0.00
RAVENSWOOD___4 23820	39.18 1.49 0.00	33.31 1.48 0.00	28.42 1.34 0.00	23.90 1.12 0.00	25.43 1.19 0.00	27.47 1.37 0.00	26.72 1.78 0.00	26.04 1.79 0.00	26.86 1.74 -2.35	28.53 1.95 -1.61	44.99 3.22 0.00	49.49 3.39 0.00	49.98 3.57 0.00	49.88 3.54 0.00	50.72 3.45 0.00	51.14 3.73 0.00	50.63 4.36 -0.22	51.71 4.26 0.01	51.32 4.54 11.53	55.09 4.85 28.96	60.00 4.55 43.90	46.97 2.99 36.64	43.04 1.82 26.37	48.09 1.37 5.67
RCPL_TRUST___DRP 24196	39.36 1.68 0.00	33.38 1.55 0.00	28.49 1.41 0.00	24.00 1.22 0.00	25.53 1.29 0.00	27.58 1.48 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.88 1.75 -2.35	28.53 1.95 -1.62	45.11 3.34 0.00	49.71 3.61 0.00	50.19 3.77 0.00	50.13 3.79 0.00	51.09 3.82 0.00	51.59 4.17 0.00	51.04 4.76 -0.22	52.14 4.69 0.00	63.44 5.13 0.00	86.73 5.63 -1.90	104.86 5.51 0.00	84.36 3.73 0.00	70.04 2.45 0.00	54.26 1.87 0.00
RED___ROCHESTER 323720	38.35 0.66 0.00	32.20 0.37 0.00	27.19 0.12 0.00	22.87 0.08 0.00	24.32 0.08 0.00	26.24 0.13 0.00	25.17 0.23 0.00	24.38 0.13 0.00	23.13 0.36 0.00	25.64 0.67 0.00	43.29 1.52 0.00	48.36 2.26 0.00	48.81 2.39 0.00	48.66 2.32 0.00	49.52 2.25 0.00	49.98 2.57 0.00	49.02 2.96 0.00	50.80 3.34 0.00	62.28 3.97 0.00	85.39 6.19 0.00	106.70 7.36 0.00	85.03 4.39 0.00	70.56 2.97 0.00	54.11 1.72 0.00
REGAN___SOLAR 323812	39.99 2.30 0.00	33.66 1.82 0.00	28.61 1.53 0.00	24.06 1.28 0.00	25.61 1.37 0.00	27.64 1.54 0.00	26.43 1.49 0.00	25.34 1.10 0.00	23.30 0.53 0.00	25.35 0.38 0.00	42.15 0.38 0.00	46.50 0.40 0.00	47.07 0.65 0.00	46.94 0.61 0.00	47.74 0.48 0.00	48.05 0.64 0.00	47.39 0.85 -0.48	48.99 1.53 0.00	61.52 3.21 0.00	105.25 6.67 -19.38	108.57 9.22 0.00	87.88 7.25 0.00	73.07 5.48 0.00	56.26 3.87 0.00
RENSSELAER___COGEN 23796	37.61 -0.08 0.00	32.00 0.17 0.00	27.44 0.36 0.00	23.20 0.42 0.00	24.67 0.44 0.00	26.52 0.42 0.00	25.47 0.54 0.00	24.75 0.51 0.00	23.18 0.40 0.00	25.27 0.31 0.00	42.19 0.43 0.00	46.37 0.27 0.00	46.79 0.37 0.00	46.75 0.41 0.00	47.71 0.45 0.00	47.92 0.50 0.00	42.99 0.96 4.03	48.49 1.03 0.00	59.57 1.26 0.00	90.92 1.25 -10.47	100.02 0.67 0.00	80.87 0.24 0.00	67.50 -0.08 0.00	52.31 -0.08 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.98 4.29 0.00	35.83 4.00 0.00	30.10 3.03 0.00	25.49 2.71 0.00	27.19 2.95 0.00	29.13 3.03 0.00	28.07 3.13 0.00	27.21 2.97 0.00	25.26 2.49 0.00	27.11 2.14 0.00	45.08 3.31 0.00	49.90 3.79 0.00	50.48 4.06 0.00	50.90 4.56 0.00	52.44 5.18 0.00	53.88 6.46 0.00	54.64 7.68 -0.91	55.43 7.97 0.00	68.84 10.53 0.00	113.45 14.77 -19.47	114.00 14.65 0.00	91.88 11.25 0.00	75.97 8.38 0.00	58.84 6.45 0.00
REVERE_CPPR_DRP 24186	39.14 1.45 0.00	32.95 1.12 0.00	27.96 0.88 0.00	23.55 0.77 0.00	25.03 0.79 0.00	27.01 0.91 0.00	25.88 0.95 0.00	25.17 0.93 0.00	23.67 0.89 0.00	25.97 1.00 0.00	43.43 1.67 0.00	47.91 1.80 0.00	48.20 1.78 0.00	48.07 1.73 0.00	48.94 1.67 0.00	49.23 1.81 0.00	48.08 2.03 0.00	49.85 2.39 0.00	62.24 3.53 -0.40	86.00 5.49 -1.31	107.91 7.09 -1.47	86.67 5.45 -0.58	71.30 3.63 -0.09	54.66 2.27 0.00
REYNLDPA_13_KV_LD 356490	38.07 0.39 0.00	32.10 0.27 0.00	27.19 0.11 0.00	22.80 0.02 0.00	24.23 0.00 0.00	26.10 0.00 0.00	24.75 -0.19 0.00	24.06 -0.19 0.00	22.56 -0.21 0.00	24.77 -0.19 0.00	41.40 -0.36 0.00	45.68 -0.43 0.00	45.72 -0.70 0.00	45.51 -0.83 0.00	46.39 -0.88 0.00	46.31 -1.11 0.00	44.29 -1.77 0.00	45.57 -1.89 0.00	55.98 -2.32 0.00	76.64 -2.57 0.00	97.36 -1.99 0.00	79.48 -1.15 0.00	67.30 -0.29 0.00	52.46 0.07 0.00
REYNOLDS_115KV_TB3 80639	37.98 0.29 0.00	32.32 0.48 0.00	27.71 0.63 0.00	23.42 0.64 0.00	24.91 0.67 0.00	26.77 0.67 0.00	25.72 0.79 0.00	25.00 0.76 0.00	23.71 0.64 -0.30	25.73 0.56 -0.21	42.53 0.77 0.00	46.79 0.68 0.00	47.20 0.79 0.00	47.18 0.85 0.00	48.21 0.95 0.00	48.53 1.11 0.00	50.27 1.60 -2.62	49.13 1.67 0.00	60.35 2.04 0.00	93.08 2.25 -11.63	101.20 1.85 0.00	81.80 1.17 0.00	68.29 0.70 0.00	52.92 0.54 0.00
RIVERBAY____ 323610	40.29 2.61 0.00	34.24 2.41 0.00	29.23 2.16 0.00	24.60 1.82 0.00	26.13 1.89 0.00	28.25 2.15 0.00	27.50 2.56 0.00	26.75 2.51 0.00	27.50 2.38 -2.35	29.24 2.66 -1.61	46.10 4.33 0.00	50.82 4.72 0.00	51.38 4.96 0.00	51.36 5.03 0.00	52.29 5.03 0.00	52.79 5.37 0.00	52.34 6.06 -0.22	53.54 6.08 0.00	65.17 6.87 0.01	89.17 8.06 -1.91	108.02 8.66 -0.01	86.93 6.29 -0.01	72.13 4.53 -0.01	55.86 3.47 0.00
RIVERSDE_115KV_TB3 55908	37.87 0.18 0.00	32.22 0.39 0.00	27.62 0.55 0.00	23.36 0.57 0.00	24.83 0.59 0.00	26.69 0.59 0.00	25.64 0.71 0.00	24.92 0.68 0.00	23.35 0.58 0.00	25.47 0.50 0.00	42.49 0.73 0.00	46.74 0.64 0.00	47.17 0.76 0.00	47.15 0.81 0.00	48.16 0.89 0.00	48.44 1.02 0.00	48.64 1.51 -1.08	49.04 1.58 0.00	60.25 1.94 0.00	93.11 2.11 -11.79	101.07 1.72 0.00	81.67 1.04 0.00	68.15 0.57 0.00	52.80 0.41 0.00
ROARING___BROOK_WT_PWR 323790	37.17 -0.51 0.00	31.33 -0.50 0.00	26.61 -0.46 0.00	22.35 -0.43 0.00	23.79 -0.45 0.00	25.60 -0.50 0.00	24.35 -0.58 0.00	23.81 -0.44 0.00	22.44 -0.34 0.00	24.70 -0.27 0.00	41.34 -0.42 0.00	45.40 -0.71 0.00	45.66 -0.76 0.00	45.59 -0.75 0.00	46.55 -0.71 0.00	46.71 -0.70 0.00	45.23 -0.83 0.00	46.49 -0.96 0.00	57.24 -1.07 0.00	77.88 -1.32 0.00	97.48 -1.87 0.00	79.26 -1.38 0.00	66.44 -1.15 0.00	51.40 -0.98 0.00

ROCHESRG_115KV_T4 355643	37.88 0.19 0.00	31.83 0.00 0.00	26.90 -0.18 0.00	22.63 -0.15 0.00	24.06 -0.18 0.00	25.94 -0.16 0.00	24.88 -0.05 0.00	24.08 -0.16 0.00	22.82 0.05 0.00	25.26 0.29 0.00	42.61 0.85 0.00	47.55 1.44 0.00	47.91 1.49 0.00	47.71 1.37 0.00	48.44 1.18 0.00	48.85 1.43 0.00	47.83 1.77 0.00	49.51 2.06 0.00	60.66 2.35 0.00	83.18 3.98 0.00	104.12 4.78 0.00	83.15 2.52 0.00	69.05 1.46 0.00	52.99 0.60 0.00
ROCHESTER_9_IC 23652	38.09 0.40 0.00	32.00 0.17 0.00	27.03 -0.05 0.00	22.74 -0.04 0.00	24.18 -0.06 0.00	26.07 -0.03 0.00	25.01 0.07 0.00	24.21 -0.03 0.00	22.96 0.18 0.00	25.43 0.46 0.00	42.91 1.15 0.00	47.92 1.81 0.00	48.32 1.90 0.00	48.16 1.82 0.00	48.98 1.72 0.00	49.43 2.01 0.00	48.43 2.37 0.00	50.13 2.68 0.00	61.45 3.15 0.00	84.26 5.06 0.00	105.42 6.07 0.00	84.11 3.47 0.00	69.80 2.22 0.00	53.56 1.17 0.00
ROCKVIEW_13_KV_LD 356306	39.42 1.73 0.00	33.42 1.59 0.00	28.53 1.46 0.00	24.04 1.26 0.00	25.56 1.33 0.00	27.60 1.50 0.00	26.73 1.80 0.00	26.04 1.79 0.00	26.83 1.71 -2.35	28.45 1.87 -1.62	45.02 3.25 0.00	49.63 3.53 0.00	50.14 3.72 0.00	50.10 3.76 0.00	51.08 3.82 0.00	51.56 4.15 0.00	50.98 4.70 -0.22	52.18 4.72 0.00	63.61 5.30 0.00	87.07 5.97 -1.90	105.35 6.00 0.00	84.79 4.15 0.00	70.36 2.78 0.00	54.45 2.06 0.00
ROME____115KV_TB2 80656	39.14 1.45 0.00	32.95 1.12 0.00	27.96 0.88 0.00	23.55 0.77 0.00	25.03 0.79 0.00	27.01 0.91 0.00	25.88 0.95 0.00	25.17 0.93 0.00	23.67 0.89 0.00	25.97 1.00 0.00	43.43 1.67 0.00	47.91 1.80 0.00	48.20 1.78 0.00	48.07 1.73 0.00	48.94 1.67 0.00	49.23 1.81 0.00	48.08 2.03 0.00	49.85 2.39 0.00	62.24 3.53 -0.40	86.00 5.49 -1.31	107.91 7.09 -1.47	86.67 5.45 -0.58	71.30 3.63 -0.09	54.66 2.27 0.00
ROSETON___1 23587	38.67 0.98 0.00	32.79 0.96 0.00	28.01 0.93 0.00	23.64 0.86 0.00	25.15 0.91 0.00	27.10 1.00 0.00	26.19 1.26 0.00	25.49 1.24 0.00	23.95 1.17 0.00	26.20 1.24 0.00	43.85 2.09 0.00	48.33 2.23 0.00	48.82 2.40 0.00	48.77 2.43 0.00	49.75 2.48 0.00	50.19 2.77 0.00	49.53 3.27 -0.20	50.76 3.30 0.00	62.03 3.72 0.00	85.14 4.08 -1.85	103.20 3.85 0.00	83.15 2.51 0.00	69.10 1.52 0.00	53.54 1.15 0.00
ROSETON___2 23588	38.67 0.98 0.00	32.79 0.96 0.00	28.01 0.93 0.00	23.64 0.86 0.00	25.15 0.91 0.00	27.10 1.00 0.00	26.19 1.26 0.00	25.49 1.24 0.00	23.95 1.17 0.00	26.20 1.24 0.00	43.85 2.09 0.00	48.33 2.23 0.00	48.82 2.40 0.00	48.77 2.43 0.00	49.75 2.48 0.00	50.19 2.77 0.00	49.53 3.27 -0.20	50.76 3.30 0.00	62.03 3.72 0.00	85.14 4.08 -1.85	103.20 3.85 0.00	83.15 2.51 0.00	69.10 1.52 0.00	53.54 1.15 0.00
ROTTRDAM_115KV_TB3 80664	38.46 0.77 0.00	32.56 0.73 0.00	27.79 0.71 0.00	23.44 0.66 0.00	24.94 0.70 0.00	26.85 0.75 0.00	25.76 0.82 0.00	25.04 0.79 0.00	23.44 0.66 0.00	25.59 0.62 0.00	42.68 0.92 0.00	47.07 0.96 0.00	47.50 1.08 0.00	47.49 1.15 0.00	48.53 1.26 0.00	48.87 1.46 0.00	48.37 1.79 -0.53	49.41 1.95 0.00	60.85 2.54 0.00	103.75 3.30 -21.24	102.82 3.47 0.00	83.13 2.49 0.00	69.36 1.77 0.00	53.66 1.27 0.00
RUSSELL___1 23602	38.35 0.66 0.00	32.20 0.37 0.00	27.20 0.12 0.00	22.87 0.08 0.00	24.32 0.08 0.00	26.23 0.12 0.00	25.17 0.23 0.00	24.38 0.13 0.00	23.13 0.36 0.00	25.63 0.67 0.00	43.29 1.53 0.00	48.36 2.26 0.00	48.81 2.39 0.00	48.67 2.33 0.00	49.51 2.25 0.00	49.99 2.57 0.00	49.02 2.96 0.00	50.80 3.34 0.00	62.27 3.96 0.00	85.39 6.18 0.00	106.67 7.32 0.00	85.03 4.40 0.00	70.54 2.95 0.00	54.12 1.73 0.00
RUSSELL___2 23532	38.35 0.66 0.00	32.20 0.37 0.00	27.20 0.12 0.00	22.87 0.08 0.00	24.32 0.08 0.00	26.23 0.12 0.00	25.17 0.23 0.00	24.38 0.13 0.00	23.13 0.36 0.00	25.63 0.67 0.00	43.29 1.53 0.00	48.36 2.26 0.00	48.81 2.39 0.00	48.67 2.33 0.00	49.51 2.25 0.00	49.99 2.57 0.00	49.02 2.96 0.00	50.80 3.34 0.00	62.27 3.96 0.00	85.39 6.18 0.00	106.67 7.32 0.00	85.03 4.40 0.00	70.54 2.95 0.00	54.12 1.73 0.00
RUSSELL___3 23549	38.35 0.66 0.00	32.20 0.37 0.00	27.20 0.12 0.00	22.87 0.08 0.00	24.32 0.08 0.00	26.23 0.12 0.00	25.17 0.23 0.00	24.38 0.13 0.00	23.13 0.36 0.00	25.63 0.67 0.00	43.29 1.53 0.00	48.36 2.26 0.00	48.81 2.39 0.00	48.67 2.33 0.00	49.51 2.25 0.00	49.99 2.57 0.00	49.02 2.96 0.00	50.80 3.34 0.00	62.27 3.96 0.00	85.39 6.18 0.00	106.67 7.32 0.00	85.03 4.40 0.00	70.54 2.95 0.00	54.12 1.73 0.00
RUSSELL___4 23556	38.35 0.66 0.00	32.20 0.37 0.00	27.20 0.12 0.00	22.87 0.08 0.00	24.32 0.08 0.00	26.23 0.12 0.00	25.17 0.23 0.00	24.38 0.13 0.00	23.13 0.36 0.00	25.63 0.67 0.00	43.29 1.53 0.00	48.36 2.26 0.00	48.81 2.39 0.00	48.67 2.33 0.00	49.51 2.25 0.00	49.99 2.57 0.00	49.02 2.96 0.00	50.80 3.34 0.00	62.27 3.96 0.00	85.39 6.18 0.00	106.67 7.32 0.00	85.03 4.40 0.00	70.54 2.95 0.00	54.12 1.73 0.00
RUSSELL___STATION 23914	38.35 0.66 0.00	32.20 0.37 0.00	27.20 0.12 0.00	22.87 0.08 0.00	24.32 0.08 0.00	26.23 0.12 0.00	25.17 0.23 0.00	24.38 0.13 0.00	23.13 0.36 0.00	25.63 0.67 0.00	43.29 1.53 0.00	48.36 2.26 0.00	48.81 2.39 0.00	48.67 2.33 0.00	49.51 2.25 0.00	49.99 2.57 0.00	49.02 2.96 0.00	50.80 3.34 0.00	62.27 3.96 0.00	85.39 6.18 0.00	106.67 7.32 0.00	85.03 4.40 0.00	70.54 2.95 0.00	54.12 1.73 0.00
S SALMON___HYD 24043	37.56 -0.12 0.00	31.61 -0.22 0.00	26.81 -0.26 0.00	22.60 -0.18 0.00	24.06 -0.18 0.00	25.95 -0.15 0.00	24.85 -0.09 0.00	24.17 -0.08 0.00	22.73 -0.04 0.00	25.01 0.05 0.00	41.71 -0.06 0.00	45.85 -0.26 0.00	45.99 -0.43 0.00	46.07 -0.27 0.00	47.01 -0.25 0.00	47.57 0.16 0.00	46.20 0.14 0.00	47.58 0.12 0.00	60.94 0.74 -1.89	87.13 1.68 -6.25	109.08 2.68 -7.05	85.74 2.32 -2.79	68.93 0.93 -0.42	52.49 0.10 0.00
S.PERRY___115KV_TB1 80734	39.12 1.43 0.00	32.66 0.82 0.00	27.57 0.49 0.00	23.19 0.40 0.00	24.68 0.44 0.00	26.65 0.55 0.00	25.61 0.67 0.00	24.64 0.39 0.00	23.09 0.31 0.00	25.01 0.05 0.00	41.91 0.15 0.00	46.91 0.81 0.00	46.87 0.45 0.00	46.14 -0.20 0.00	46.67 -0.60 0.00	47.04 -0.37 0.00	46.14 0.09 0.00	47.97 0.51 0.00	58.88 0.57 0.00	81.67 2.47 0.00	102.63 3.28 0.00	82.22 1.59 0.00	70.63 3.05 0.00	53.49 1.10 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.27 -0.42 0.00	31.24 -0.60 0.00	26.25 -0.83 0.00	22.10 -0.68 0.00	23.48 -0.76 0.00	25.27 -0.84 0.00	24.15 -0.79 0.00	23.14 -1.10 0.00	22.14 -0.64 0.00	24.82 -0.15 0.00	42.02 0.26 0.00	47.12 1.02 0.00	47.45 1.03 0.00	47.16 0.82 0.00	47.84 0.58 0.00	48.22 0.80 0.00	47.38 1.33 0.00	49.14 1.68 0.00	60.00 1.69 0.00	82.58 3.38 0.00	103.42 4.08 0.00	81.76 1.12 0.00	67.83 0.24 0.00	52.02 -0.37 0.00

SAWYER___23_KV_LOAD 55526	37.27 -0.42 0.00	31.24 -0.60 0.00	26.25 -0.83 0.00	22.10 -0.68 0.00	23.48 -0.76 0.00	25.27 -0.84 0.00	24.15 -0.79 0.00	23.14 -1.10 0.00	22.14 -0.64 0.00	24.82 -0.15 0.00	42.02 0.26 0.00	47.12 1.02 0.00	47.45 1.03 0.00	47.16 0.82 0.00	47.84 0.58 0.00	48.22 0.80 0.00	47.38 1.33 0.00	49.14 1.68 0.00	60.00 1.69 0.00	82.58 3.38 0.00	103.42 4.08 0.00	81.76 1.12 0.00	67.83 0.24 0.00	52.02 -0.37 0.00
SELKIRK___I 23801	37.16 -0.53 0.00	31.58 -0.25 0.00	27.05 -0.03 0.00	22.85 0.07 0.00	24.32 0.08 0.00	26.15 0.05 0.00	25.11 0.18 0.00	24.33 0.08 0.00	22.72 -0.05 0.00	24.76 -0.20 0.00	41.33 -0.44 0.00	45.48 -0.63 0.00	45.87 -0.54 0.00	45.78 -0.55 0.00	46.74 -0.53 0.00	46.96 -0.46 0.00	43.98 -0.06 2.01	47.46 0.00 0.00	58.46 0.15 0.00	86.96 0.01 -7.75	98.70 -0.65 0.00	79.88 -0.75 0.00	66.74 -0.84 0.00	51.76 -0.63 0.00
SELKIRK___II 23799	37.42 -0.27 0.00	31.82 -0.01 0.00	27.28 0.20 0.00	23.05 0.27 0.00	24.51 0.28 0.00	26.36 0.26 0.00	25.32 0.38 0.00	24.60 0.36 0.00	23.02 0.26 0.02	25.12 0.16 0.00	41.97 0.21 0.00	46.21 0.11 0.00	46.62 0.21 0.00	46.53 0.19 0.00	47.46 0.20 0.00	47.69 0.27 0.00	44.41 0.69 2.34	48.20 0.74 0.00	59.20 0.89 0.00	88.29 0.77 -8.32	99.49 0.14 0.00	80.46 -0.17 0.00	67.18 -0.40 0.00	52.11 -0.28 0.00
SENECA OSWGO___HYD 24041	37.18 -0.50 0.00	31.34 -0.49 0.00	26.64 -0.44 0.00	22.43 -0.35 0.00	23.87 -0.37 0.00	25.73 -0.37 0.00	24.66 -0.28 0.00	23.98 -0.27 0.00	22.56 -0.21 0.00	24.79 -0.18 0.00	41.52 -0.25 0.00	45.92 -0.18 0.00	46.25 -0.17 0.00	46.23 -0.11 0.00	47.17 -0.10 0.00	47.52 0.10 0.00	46.40 0.34 0.00	47.93 0.47 0.00	61.85 0.67 -2.87	89.81 1.13 -9.47	111.20 1.15 -10.70	85.31 0.46 -4.23	68.06 -0.16 -0.63	51.98 -0.41 0.00
SENECA___115KV_TB3 355854	37.62 -0.07 0.00	31.45 -0.38 0.00	26.45 -0.63 0.00	22.25 -0.53 0.00	23.65 -0.59 0.00	25.46 -0.64 0.00	24.35 -0.59 0.00	23.37 -0.87 0.00	22.39 -0.39 0.00	25.08 0.11 0.00	42.48 0.72 0.00	47.67 1.56 0.00	48.01 1.60 0.00	47.75 1.41 0.00	48.40 1.14 0.00	48.78 1.37 0.00	47.99 1.93 0.00	49.84 2.39 0.00	60.94 2.63 0.00	83.87 4.66 0.00	104.99 5.64 0.00	82.89 2.26 0.00	68.60 1.02 0.00	52.56 0.17 0.00
SENECA___ENERGY 23797	37.86 0.17 0.00	31.81 -0.02 0.00	26.99 -0.09 0.00	22.73 -0.05 0.00	24.17 -0.07 0.00	26.07 -0.03 0.00	25.01 0.07 0.00	24.26 0.01 0.00	22.85 0.07 0.00	25.03 0.07 0.00	42.00 0.24 0.00	46.63 0.52 0.00	47.13 0.71 0.00	47.05 0.71 0.00	47.95 0.69 0.00	48.42 1.01 0.00	47.58 1.52 0.00	49.48 2.03 0.00	62.20 2.74 -1.15	87.36 4.34 -3.81	108.63 4.98 -4.30	85.36 3.03 -1.70	69.64 1.80 -0.25	53.20 0.81 0.00
SHOEMAKER___GT 23640	38.68 0.99 0.00	32.77 0.94 0.00	27.97 0.89 0.00	23.58 0.80 0.00	25.08 0.85 0.00	27.05 0.95 0.00	26.10 1.16 0.00	25.38 1.13 0.00	21.84 1.06 1.99	24.72 1.12 1.37	43.68 1.91 0.00	48.19 2.09 0.00	48.69 2.27 0.00	48.67 2.33 0.00	49.64 2.38 0.00	50.09 2.68 0.00	49.39 3.15 -0.18	50.70 3.24 0.00	62.08 3.77 0.00	85.32 4.38 -1.73	103.84 4.49 0.00	83.64 3.01 0.00	69.49 1.91 0.00	53.74 1.35 0.00
SHOEMAKR_138KV_BK 111 55601	38.66 0.97 0.00	32.75 0.92 0.00	27.95 0.88 0.00	23.57 0.79 0.00	25.08 0.84 0.00	27.03 0.93 0.00	26.09 1.15 0.00	25.37 1.13 0.00	21.93 1.06 1.91	24.78 1.12 1.31	43.72 1.96 0.00	48.23 2.12 0.00	48.73 2.31 0.00	48.70 2.36 0.00	49.67 2.40 0.00	50.10 2.69 0.00	49.41 3.17 -0.18	50.72 3.26 0.00	62.07 3.76 0.00	85.27 4.34 -1.72	103.73 4.38 0.00	83.55 2.92 0.00	69.43 1.84 0.00	53.69 1.30 0.00
SHOREHAM_IC_1 23715	38.95 1.26 0.00	33.15 1.32 0.00	28.23 1.16 0.00	23.78 1.00 0.00	25.26 1.02 0.00	27.36 1.26 0.00	26.55 1.62 0.00	25.85 1.60 0.00	26.39 1.27 -2.34	27.81 1.24 -1.61	44.62 2.86 0.00	48.49 2.38 0.00	48.95 2.53 0.00	49.12 2.79 0.00	49.98 2.71 0.00	50.35 3.21 0.28	48.12 3.56 1.50	56.34 3.72 -5.16	66.05 4.19 -3.56	87.07 4.08 -3.79	58.71 3.06 43.70	75.60 1.85 6.88	42.89 0.53 25.23	50.48 0.34 2.25
SHOREHAM_IC_2 23716	38.95 1.26 0.00	33.16 1.32 0.00	28.23 1.16 0.00	23.78 1.00 0.00	25.26 1.02 0.00	27.36 1.26 0.00	26.55 1.62 0.00	25.85 1.60 0.00	26.38 1.27 -2.34	27.81 1.24 -1.61	44.67 2.90 0.00	48.48 2.37 0.00	48.94 2.52 0.00	49.10 2.76 0.00	49.96 2.70 0.00	50.31 3.17 0.28	48.12 3.56 1.50	56.33 3.71 -5.16	66.07 4.20 -3.56	87.11 4.11 -3.79	58.78 3.13 43.70	75.60 1.84 6.88	42.92 0.57 25.23	50.47 0.33 2.25
SISSONVILLE____ 23735	38.33 0.64 0.00	32.25 0.42 0.00	27.27 0.19 0.00	22.87 0.09 0.00	24.15 -0.08 0.00	26.07 -0.03 0.00	24.66 -0.27 0.00	23.96 -0.29 0.00	22.45 -0.32 0.00	24.58 -0.39 0.00	40.64 -1.13 0.00	44.45 -1.66 0.00	44.18 -2.24 0.00	43.87 -2.47 0.00	44.76 -2.50 0.00	44.78 -2.64 0.00	42.36 -3.69 0.00	43.71 -3.75 0.00	54.21 -4.32 -0.22	75.50 -4.50 -0.79	97.13 -3.12 -0.90	79.17 -1.82 -0.36	66.93 -0.70 -0.05	52.14 -0.25 0.00
SITHE_IND_GS1 24169	36.62 -1.07 0.00	30.89 -0.94 0.00	26.27 -0.81 0.00	22.12 -0.66 0.00	23.53 -0.71 0.00	25.35 -0.75 0.00	24.28 -0.66 0.00	23.60 -0.64 0.00	22.21 -0.57 0.00	24.39 -0.57 0.00	40.84 -0.92 0.00	45.18 -0.92 0.00	45.49 -0.93 0.00	45.45 -0.89 0.00	46.36 -0.90 0.00	46.63 -0.78 0.00	45.47 -0.58 0.00	46.93 -0.53 0.00	49.31 -0.64 8.36	50.86 -0.72 27.63	67.03 -1.11 31.20	67.00 -1.31 12.33	64.32 -1.42 1.85	51.10 -1.29 0.00
SITHE_IND_GS2 24170	36.62 -1.07 0.00	30.89 -0.94 0.00	26.27 -0.81 0.00	22.12 -0.66 0.00	23.53 -0.71 0.00	25.35 -0.75 0.00	24.28 -0.66 0.00	23.60 -0.64 0.00	22.21 -0.57 0.00	24.39 -0.57 0.00	40.84 -0.92 0.00	45.18 -0.92 0.00	45.49 -0.93 0.00	45.45 -0.89 0.00	46.36 -0.90 0.00	46.63 -0.78 0.00	45.47 -0.58 0.00	46.93 -0.53 0.00	49.31 -0.64 8.36	50.86 -0.72 27.63	67.03 -1.11 31.20	67.00 -1.31 12.33	64.32 -1.42 1.85	51.10 -1.29 0.00
SITHE_IND_GS3 24171	36.62 -1.07 0.00	30.89 -0.94 0.00	26.27 -0.81 0.00	22.12 -0.66 0.00	23.53 -0.71 0.00	25.35 -0.75 0.00	24.28 -0.66 0.00	23.60 -0.64 0.00	22.21 -0.57 0.00	24.39 -0.57 0.00	40.84 -0.92 0.00	45.18 -0.92 0.00	45.49 -0.93 0.00	45.45 -0.89 0.00	46.36 -0.90 0.00	46.63 -0.78 0.00	45.47 -0.58 0.00	46.93 -0.53 0.00	49.31 -0.64 8.36	50.86 -0.72 27.63	67.03 -1.11 31.20	67.00 -1.31 12.33	64.32 -1.42 1.85	51.10 -1.29 0.00
SITHE_IND_GS4 24172	36.62 -1.07 0.00	30.89 -0.94 0.00	26.27 -0.81 0.00	22.12 -0.66 0.00	23.53 -0.71 0.00	25.35 -0.75 0.00	24.28 -0.66 0.00	23.60 -0.64 0.00	22.21 -0.57 0.00	24.39 -0.57 0.00	40.84 -0.92 0.00	45.18 -0.92 0.00	45.49 -0.93 0.00	45.45 -0.89 0.00	46.36 -0.90 0.00	46.63 -0.78 0.00	45.47 -0.58 0.00	46.93 -0.53 0.00	49.31 -0.64 8.36	50.86 -0.72 27.63	67.03 -1.11 31.20	67.00 -1.31 12.33	64.32 -1.42 1.85	51.10 -1.29 0.00

SITHE___BATAVIA 24024	38.64 0.95 0.00	32.37 0.53 0.00	27.23 0.15 0.00	22.93 0.14 0.00	24.35 0.11 0.00	26.26 0.16 0.00	25.13 0.20 0.00	24.19 -0.05 0.00	23.01 0.24 0.00	25.59 0.63 0.00	43.10 1.34 0.00	48.16 2.06 0.00	48.58 2.16 0.00	48.12 1.78 0.00	48.49 1.22 0.00	48.77 1.35 0.00	47.95 1.89 0.00	49.90 2.45 0.00	61.35 3.04 0.00	84.84 5.64 0.00	106.52 7.17 0.00	84.44 3.81 0.00	69.88 2.30 0.00	53.64 1.25 0.00
SITHE___INDEPEND 23800	36.62 -1.07 0.00	30.89 -0.94 0.00	26.26 -0.81 0.00	22.12 -0.66 0.00	23.53 -0.71 0.00	25.35 -0.75 0.00	24.28 -0.66 0.00	23.60 -0.64 0.00	22.21 -0.57 0.00	24.39 -0.58 0.00	40.84 -0.92 0.00	45.18 -0.93 0.00	45.49 -0.93 0.00	45.45 -0.89 0.00	46.36 -0.90 0.00	46.63 -0.78 0.00	45.47 -0.58 0.00	46.93 -0.53 0.00	49.30 -0.65 8.36	50.86 -0.72 27.63	67.02 -1.12 31.20	67.00 -1.30 12.33	64.31 -1.43 1.85	51.10 -1.29 0.00
SITHE___MASSENA 23902	38.11 0.42 0.00	32.12 0.29 0.00	27.19 0.11 0.00	22.80 0.02 0.00	24.21 -0.02 0.00	26.08 -0.02 0.00	24.72 -0.21 0.00	24.02 -0.23 0.00	22.55 -0.23 0.00	24.74 -0.22 0.00	41.30 -0.47 0.00	45.50 -0.61 0.00	45.51 -0.90 0.00	45.23 -1.11 0.00	46.11 -1.16 0.00	46.04 -1.37 0.00	43.71 -2.35 0.00	45.05 -2.41 0.00	55.30 -3.00 0.00	76.04 -3.17 0.00	97.23 -2.12 0.00	79.42 -1.21 0.00	67.34 -0.24 0.00	52.50 0.11 0.00
SITHE___OGDNSBRG 24021	38.96 1.27 0.00	32.79 0.96 0.00	27.72 0.64 0.00	23.25 0.47 0.00	24.66 0.42 0.00	26.62 0.53 0.00	25.19 0.25 0.00	24.35 0.11 0.00	22.68 -0.09 0.00	24.79 -0.17 0.00	41.20 -0.56 0.00	45.29 -0.82 0.00	45.19 -1.23 0.00	44.85 -1.49 0.00	45.75 -1.52 0.00	45.68 -1.74 0.00	43.17 -2.89 0.00	44.58 -2.87 0.00	55.12 -3.18 0.01	76.91 -2.30 0.00	99.62 0.27 0.00	81.48 0.85 0.00	69.08 1.50 0.00	53.77 1.38 0.00
SITHE___STERLING 23777	38.80 1.11 0.00	32.68 0.85 0.00	27.75 0.68 0.00	23.37 0.59 0.00	24.86 0.62 0.00	26.81 0.71 0.00	25.70 0.76 0.00	24.97 0.73 0.00	23.49 0.71 0.00	25.77 0.80 0.00	43.10 1.34 0.00	47.62 1.52 0.00	48.01 1.60 0.00	47.80 1.46 0.00	48.57 1.30 0.00	48.78 1.36 0.00	47.67 1.61 0.00	49.35 1.89 0.00	61.49 2.75 -0.43	84.90 4.29 -1.41	106.39 5.45 -1.59	85.29 4.03 -0.63	70.32 2.64 -0.09	54.06 1.67 0.00
SLEIGHT__34_KV_TB1 80719	37.80 0.12 0.00	31.77 -0.06 0.00	26.88 -0.19 0.00	22.65 -0.13 0.00	24.06 -0.18 0.00	25.97 -0.13 0.00	24.96 0.02 0.00	24.19 -0.05 0.00	22.82 0.05 0.00	25.17 0.20 0.00	42.39 0.63 0.00	47.22 1.11 0.00	47.71 1.29 0.00	47.56 1.23 0.00	48.46 1.19 0.00	48.89 1.48 0.00	47.87 1.81 0.00	49.58 2.12 0.00	61.30 2.65 -0.35	84.73 4.38 -1.15	105.94 5.29 -1.30	84.22 3.07 -0.51	69.50 1.84 -0.08	53.27 0.88 0.00
SMITHTWN_69_KV_BK 1 55830	39.40 1.71 0.00	33.52 1.69 0.00	28.55 1.47 0.00	24.06 1.27 0.00	25.55 1.32 0.00	27.66 1.56 0.00	26.82 1.88 0.00	26.10 1.85 0.00	26.64 1.53 -2.34	28.11 1.54 -1.61	45.31 3.54 0.00	49.17 3.07 0.00	49.68 3.26 0.00	49.81 3.47 0.00	50.68 3.42 0.00	50.77 3.89 0.53	46.79 4.18 3.45	53.78 4.29 -2.03	64.47 4.82 -1.34	85.51 4.96 -1.34	60.09 4.22 43.47	76.54 2.76 6.84	43.80 1.31 25.10	51.22 1.07 2.24
SOUTH CAIRO___GT 23612	38.79 1.11 0.00	32.91 1.08 0.00	28.15 1.08 0.00	23.78 1.00 0.00	25.29 1.05 0.00	27.20 1.10 0.00	26.13 1.19 0.00	25.42 1.17 0.00	23.69 0.92 0.00	25.63 0.66 0.00	42.71 0.94 0.00	47.07 0.97 0.00	47.62 1.20 0.00	47.71 1.37 0.00	48.76 1.49 0.00	49.21 1.80 0.00	46.27 2.37 2.16	50.34 2.88 0.00	62.43 4.13 0.00	92.35 5.78 -7.36	106.04 6.69 0.00	85.57 4.94 0.00	71.05 3.47 0.00	54.79 2.40 0.00
SOUTH HAMPTN___IC 23720	39.61 1.93 0.00	33.68 1.85 0.00	28.67 1.60 0.00	24.15 1.36 0.00	25.65 1.41 0.00	27.80 1.70 0.00	27.00 2.07 0.00	26.31 2.06 0.00	26.87 1.76 -2.34	28.36 1.79 -1.61	45.63 3.86 0.00	49.63 3.52 0.00	50.01 3.59 0.00	50.18 3.84 0.00	51.02 3.75 0.00	51.29 4.12 0.25	49.15 4.42 1.33	57.05 4.60 -5.00	66.96 5.22 -3.43	88.18 5.31 -3.66	59.98 4.40 43.77	76.58 2.84 6.89	43.66 1.34 25.27	51.11 0.97 2.26
SOUTHDOWN_115KV_TB1 355954	38.13 0.44 0.00	31.68 -0.15 0.00	26.75 -0.32 0.00	22.44 -0.34 0.00	23.90 -0.34 0.00	25.72 -0.38 0.00	24.85 -0.08 0.00	24.06 -0.19 0.00	23.37 0.59 0.00	26.11 1.15 0.00	44.33 2.56 0.00	49.98 3.87 0.00	50.29 3.87 0.00	49.34 3.00 0.00	49.82 2.56 0.00	50.27 2.85 0.00	49.34 3.29 0.00	51.05 3.60 0.00	62.64 4.33 0.00	86.15 6.95 0.00	107.21 7.86 0.00	83.88 3.24 0.00	69.74 2.15 0.00	53.70 1.31 0.00
SOUTHOLD_69_KV_BK 2 55809	40.30 2.62 0.00	34.23 2.40 0.00	29.11 2.04 0.00	24.50 1.72 0.00	26.03 1.79 0.00	28.25 2.15 0.00	27.48 2.55 0.00	26.80 2.55 0.00	27.38 2.26 -2.34	28.89 2.32 -1.61	46.64 4.87 0.00	50.68 4.57 0.00	50.81 4.38 0.00	51.04 4.71 0.00	51.73 4.47 0.00	51.57 4.40 0.25	49.35 4.63 1.33	57.29 4.81 -5.02	67.21 5.46 -3.44	88.28 5.40 -3.67	60.13 4.55 43.77	76.82 3.08 6.89	43.94 1.62 25.27	51.32 1.19 2.26
SOUTHOLD___IC 23719	40.30 2.62 0.00	34.22 2.39 0.00	29.11 2.04 0.00	24.50 1.72 0.00	26.03 1.79 0.00	28.25 2.15 0.00	27.48 2.55 0.00	26.80 2.55 0.00	27.38 2.27 -2.34	28.89 2.32 -1.61	46.59 4.82 0.00	50.69 4.58 0.00	50.81 4.39 0.00	51.06 4.72 0.00	51.75 4.49 0.00	51.61 4.44 0.25	49.36 4.63 1.33	57.29 4.81 -5.02	67.19 5.44 -3.44	88.25 5.38 -3.67	60.07 4.49 43.77	76.82 3.08 6.89	43.90 1.58 25.27	51.34 1.21 2.26
SOUTH_FORK_WT_PWR 323839	40.30 2.61 0.00	34.22 2.39 0.00	29.11 2.04 0.00	24.50 1.71 0.00	26.03 1.79 0.00	28.26 2.16 0.00	27.52 2.58 0.00	26.83 2.58 0.00	27.42 2.30 -2.34	28.86 2.29 -1.61	46.56 4.80 0.00	50.60 4.50 0.00	50.65 4.23 0.00	50.78 4.44 0.00	51.36 4.10 0.00	51.15 3.98 0.25	48.78 4.05 1.33	56.65 4.19 -5.01	66.43 4.68 -3.44	87.15 4.28 -3.66	58.53 2.95 43.77	75.42 1.68 6.89	42.79 0.48 25.27	50.59 0.45 2.26
SPIERFLS_115KV_TB 1 80737	39.35 1.66 0.00	33.41 1.58 0.00	28.44 1.36 0.00	24.00 1.22 0.00	25.56 1.32 0.00	27.50 1.40 0.00	26.43 1.50 0.00	25.73 1.49 0.00	24.01 1.23 0.00	26.00 1.03 0.00	43.12 1.35 0.00	47.62 1.51 0.00	48.09 1.67 0.00	48.27 1.93 0.00	49.51 2.24 0.00	50.23 2.82 0.00	50.35 3.43 -0.87	51.25 3.79 0.00	63.79 5.48 0.00	106.16 7.30 -19.65	106.77 7.42 0.00	86.31 5.67 0.00	71.63 4.05 0.00	55.17 2.78 0.00
ST LAWRENCE____ 23600	37.67 -0.02 0.00	31.76 -0.07 0.00	26.91 -0.17 0.00	22.57 -0.21 0.00	23.98 -0.26 0.00	25.82 -0.28 0.00	24.50 -0.43 0.00	23.82 -0.43 0.00	22.35 -0.43 0.00	24.52 -0.44 0.00	41.00 -0.77 0.00	45.22 -0.88 0.00	45.31 -1.11 0.00	45.11 -1.23 0.00	46.01 -1.25 0.00	45.94 -1.47 0.00	43.99 -2.06 0.00	45.27 -2.19 0.00	55.61 -2.69 0.00	76.02 -3.18 0.00	96.44 -2.90 0.00	78.73 -1.90 0.00	66.61 -0.97 0.00	51.91 -0.48 0.00

STATE_CA_115KV_115_LB 55624	37.95 0.26 0.00	32.27 0.44 0.00	27.65 0.57 0.00	23.38 0.60 0.00	24.85 0.62 0.00	26.72 0.62 0.00	25.67 0.73 0.00	24.95 0.70 0.00	23.38 0.60 0.00	25.52 0.55 0.00	42.64 0.87 0.00	46.89 0.78 0.00	47.35 0.93 0.00	47.34 1.00 0.00	48.36 1.10 0.00	48.64 1.22 0.00	48.05 1.69 -0.30	49.26 1.80 0.00	60.52 2.21 0.00	94.86 2.52 -13.14	101.57 2.22 0.00	82.02 1.39 0.00	68.41 0.82 0.00	52.96 0.57 0.00
STATE_ST_34_KV_LOAD 55959	37.96 0.28 0.00	31.99 0.16 0.00	27.17 0.09 0.00	22.94 0.16 0.00	24.33 0.09 0.00	26.23 0.13 0.00	25.27 0.34 0.00	24.52 0.27 0.00	23.00 0.22 0.00	25.23 0.27 0.00	42.30 0.54 0.00	46.93 0.82 0.00	47.55 1.13 0.00	47.34 1.00 0.00	48.23 0.97 0.00	48.64 1.22 0.00	47.60 1.54 0.00	49.30 1.84 0.00	62.15 2.51 -1.33	87.60 4.01 -4.39	109.35 5.05 -4.95	85.70 3.11 -1.96	69.90 2.02 -0.29	53.50 1.11 0.00
STATION_5_MISC_HYD 23604	38.08 0.39 0.00	32.00 0.17 0.00	27.03 -0.05 0.00	22.75 -0.04 0.00	24.18 -0.06 0.00	26.08 -0.02 0.00	25.01 0.08 0.00	24.21 -0.03 0.00	22.96 0.19 0.00	25.43 0.46 0.00	42.91 1.15 0.00	47.91 1.81 0.00	48.32 1.90 0.00	48.15 1.81 0.00	48.98 1.72 0.00	49.42 2.01 0.00	48.43 2.37 0.00	50.15 2.69 0.00	61.46 3.15 0.00	84.29 5.08 0.00	105.46 6.11 0.00	84.11 3.48 0.00	69.81 2.23 0.00	53.56 1.17 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.94 0.25 0.00	31.88 0.05 0.00	26.98 -0.10 0.00	22.71 -0.07 0.00	24.15 -0.09 0.00	26.06 -0.04 0.00	25.02 0.09 0.00	24.26 0.01 0.00	22.94 0.16 0.00	25.31 0.35 0.00	42.61 0.85 0.00	47.43 1.32 0.00	47.87 1.45 0.00	47.76 1.42 0.00	48.63 1.37 0.00	49.06 1.65 0.00	48.09 2.03 0.00	49.82 2.36 0.00	61.60 2.96 -0.32	84.97 4.70 -1.07	105.99 5.44 -1.21	84.34 3.23 -0.48	69.62 1.96 -0.07	53.32 0.94 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.86 0.17 0.00	31.81 -0.02 0.00	26.87 -0.21 0.00	22.62 -0.16 0.00	24.05 -0.19 0.00	25.94 -0.16 0.00	24.88 -0.05 0.00	24.10 -0.14 0.00	22.85 0.07 0.00	25.30 0.34 0.00	42.70 0.93 0.00	47.63 1.53 0.00	48.06 1.64 0.00	47.92 1.58 0.00	48.75 1.49 0.00	49.19 1.77 0.00	48.20 2.14 0.00	49.89 2.43 0.00	61.16 2.85 0.00	83.82 4.62 0.00	104.83 5.49 0.00	83.71 3.07 0.00	69.44 1.86 0.00	53.25 0.86 0.00
STA_56___34_KV_BUS2 355983	37.86 0.17 0.00	31.81 -0.02 0.00	26.87 -0.21 0.00	22.62 -0.16 0.00	24.05 -0.19 0.00	25.94 -0.16 0.00	24.88 -0.05 0.00	24.10 -0.14 0.00	22.85 0.07 0.00	25.30 0.34 0.00	42.70 0.93 0.00	47.63 1.53 0.00	48.06 1.64 0.00	47.92 1.58 0.00	48.75 1.49 0.00	49.19 1.77 0.00	48.20 2.14 0.00	49.89 2.43 0.00	61.16 2.85 0.00	83.82 4.62 0.00	104.83 5.49 0.00	83.71 3.07 0.00	69.44 1.86 0.00	53.25 0.86 0.00
STA_67___115KV_BK2 355882	37.97 0.29 0.00	31.91 0.08 0.00	26.95 -0.13 0.00	22.68 -0.10 0.00	24.12 -0.12 0.00	26.01 -0.09 0.00	24.94 0.00 0.00	24.14 -0.11 0.00	22.88 0.11 0.00	25.33 0.37 0.00	42.75 0.98 0.00	47.72 1.62 0.00	48.11 1.69 0.00	47.95 1.61 0.00	48.75 1.49 0.00	49.19 1.77 0.00	48.17 2.12 0.00	49.88 2.42 0.00	61.13 2.82 0.00	83.83 4.62 0.00	104.92 5.57 0.00	83.73 3.10 0.00	69.51 1.93 0.00	53.32 0.93 0.00
STA_7___115KV_9TRANS 80674	38.35 0.66 0.00	32.20 0.37 0.00	27.20 0.12 0.00	22.87 0.08 0.00	24.32 0.08 0.00	26.23 0.12 0.00	25.17 0.23 0.00	24.38 0.13 0.00	23.13 0.36 0.00	25.63 0.67 0.00	43.29 1.53 0.00	48.36 2.26 0.00	48.81 2.39 0.00	48.67 2.33 0.00	49.51 2.25 0.00	49.99 2.57 0.00	49.02 2.96 0.00	50.80 3.34 0.00	62.27 3.96 0.00	85.39 6.18 0.00	106.67 7.32 0.00	85.03 4.40 0.00	70.54 2.95 0.00	54.12 1.73 0.00
STA_82___115KV_TB1 80780	38.00 0.31 0.00	31.92 0.09 0.00	26.97 -0.11 0.00	22.69 -0.09 0.00	24.13 -0.11 0.00	26.01 -0.08 0.00	24.96 0.02 0.00	24.16 -0.09 0.00	22.89 0.12 0.00	25.35 0.38 0.00	42.77 1.00 0.00	47.73 1.63 0.00	48.13 1.71 0.00	47.95 1.61 0.00	48.75 1.49 0.00	49.19 1.77 0.00	48.17 2.12 0.00	49.89 2.43 0.00	61.13 2.82 0.00	83.84 4.64 0.00	104.94 5.60 0.00	83.77 3.13 0.00	69.53 1.95 0.00	53.34 0.95 0.00
STEEL___WIND 323596	37.57 -0.11 0.00	31.41 -0.42 0.00	26.41 -0.67 0.00	22.21 -0.57 0.00	23.60 -0.64 0.00	25.43 -0.67 0.00	24.29 -0.65 0.00	23.31 -0.93 0.00	22.35 -0.43 0.00	25.02 0.05 0.00	42.36 0.60 0.00	47.53 1.43 0.00	47.89 1.47 0.00	47.60 1.27 0.00	48.26 0.99 0.00	48.64 1.22 0.00	47.86 1.80 0.00	49.75 2.29 0.00	60.79 2.48 0.00	83.65 4.45 0.00	104.75 5.40 0.00	82.71 2.08 0.00	68.49 0.90 0.00	52.47 0.08 0.00
STEPHTWN_115KV_BK_2 55603	38.00 0.31 0.00	32.29 0.46 0.00	27.68 0.60 0.00	23.40 0.62 0.00	24.87 0.64 0.00	26.74 0.64 0.00	25.72 0.79 0.00	25.00 0.75 0.00	23.42 0.64 0.00	25.54 0.57 0.00	42.64 0.88 0.00	46.91 0.81 0.00	47.35 0.93 0.00	47.33 0.99 0.00	48.35 1.08 0.00	48.65 1.23 0.00	43.79 1.76 4.03	49.43 1.97 0.00	60.76 2.46 0.00	92.52 2.84 -10.47	101.94 2.60 0.00	82.32 1.68 0.00	68.56 0.97 0.00	53.04 0.65 0.00
STEBUBEN_REC_LFGE 323667	37.59 -0.09 0.00	31.27 -0.56 0.00	26.45 -0.62 0.00	22.24 -0.54 0.00	23.70 -0.54 0.00	25.63 -0.47 0.00	24.58 -0.36 0.00	23.75 -0.49 0.00	22.69 -0.09 0.00	25.13 0.16 0.00	42.10 0.34 0.00	47.10 1.00 0.00	47.65 1.23 0.00	47.53 1.19 0.00	47.82 0.56 0.00	48.28 0.87 0.00	47.31 1.25 0.00	49.11 1.65 0.00	61.22 2.44 -0.46	86.46 5.21 -2.04	107.41 6.33 -1.74	83.97 2.65 -0.69	68.61 0.92 -0.10	52.11 -0.28 0.00
STILLWATER___SOLAR 323814	39.21 1.52 0.00	33.26 1.43 0.00	28.39 1.32 0.00	23.96 1.18 0.00	25.50 1.27 0.00	27.44 1.34 0.00	26.35 1.42 0.00	25.65 1.40 0.00	23.93 1.16 0.00	26.03 1.06 0.00	43.29 1.53 0.00	47.73 1.63 0.00	48.17 1.76 0.00	48.26 1.92 0.00	49.45 2.19 0.00	49.98 2.56 0.00	50.21 3.11 -1.04	50.87 3.41 0.00	62.94 4.63 0.00	104.14 6.08 -18.86	105.78 6.43 0.00	85.38 4.75 0.00	71.10 3.52 0.00	54.93 2.54 0.00
STONY___BROOK 24151	39.33 1.64 0.00	33.47 1.63 0.00	28.50 1.43 0.00	24.01 1.23 0.00	25.51 1.27 0.00	27.62 1.52 0.00	26.78 1.84 0.00	26.05 1.80 0.00	26.59 1.48 -2.34	28.05 1.47 -1.61	45.16 3.40 0.00	49.08 2.98 0.00	49.57 3.15 0.00	49.71 3.37 0.00	50.57 3.31 0.00	50.78 3.75 0.39	47.62 3.88 2.33	55.69 3.99 -4.24	65.69 4.46 -2.92	86.73 4.45 -3.08	59.36 3.57 43.56	76.06 2.28 6.86	43.35 0.91 25.15	51.08 0.94 2.24
STURGEON_POOL_HYD 23609	38.90 1.22 0.00	32.96 1.13 0.00	28.15 1.07 0.00	23.76 0.98 0.00	25.26 1.03 0.00	27.24 1.14 0.00	26.32 1.39 0.00	25.64 1.40 0.00	24.12 1.35 0.00	26.41 1.44 0.00	44.21 2.45 0.00	48.75 2.65 0.00	49.32 2.90 0.00	49.27 2.93 0.00	50.31 3.04 0.00	50.83 3.41 0.00	49.69 3.96 0.33	51.53 4.07 0.00	62.94 4.63 0.00	87.37 5.20 -2.96	104.55 5.21 0.00	84.14 3.51 0.00	69.86 2.27 0.00	54.02 1.63 0.00

ST_LAW_115_BK7_LBMP 345037	37.69 0.00 0.00	31.77 -0.06 0.00	26.91 -0.17 0.00	22.57 -0.21 0.00	23.98 -0.26 0.00	25.82 -0.28 0.00	24.48 -0.45 0.00	23.80 -0.45 0.00	22.33 -0.45 0.00	24.50 -0.47 0.00	40.94 -0.83 0.00	45.15 -0.95 0.00	45.21 -1.21 0.00	45.01 -1.33 0.00	45.89 -1.37 0.00	45.82 -1.60 0.00	43.80 -2.26 0.00	45.06 -2.40 0.00	55.36 -2.95 0.00	75.76 -3.44 0.00	96.25 -3.10 0.00	78.61 -2.03 0.00	66.57 -1.01 0.00	51.91 -0.48 0.00
ST_LAW_115_BK8_LBMP 345038	37.69 0.00 0.00	31.77 -0.06 0.00	26.91 -0.17 0.00	22.57 -0.21 0.00	23.98 -0.26 0.00	25.82 -0.28 0.00	24.48 -0.45 0.00	23.80 -0.45 0.00	22.33 -0.45 0.00	24.50 -0.47 0.00	40.94 -0.83 0.00	45.15 -0.95 0.00	45.21 -1.21 0.00	45.01 -1.33 0.00	45.89 -1.37 0.00	45.82 -1.60 0.00	43.80 -2.26 0.00	45.06 -2.40 0.00	55.36 -2.95 0.00	75.76 -3.44 0.00	96.25 -3.10 0.00	78.61 -2.03 0.00	66.57 -1.01 0.00	51.91 -0.48 0.00
ST_LAW_230_BK5_LBMP 345035	37.67 -0.02 0.00	31.76 -0.07 0.00	26.91 -0.17 0.00	22.57 -0.21 0.00	23.98 -0.26 0.00	25.82 -0.28 0.00	24.50 -0.43 0.00	23.82 -0.43 0.00	22.35 -0.43 0.00	24.52 -0.44 0.00	41.00 -0.77 0.00	45.22 -0.88 0.00	45.31 -1.11 0.00	45.11 -1.23 0.00	46.01 -1.25 0.00	45.94 -1.47 0.00	43.99 -2.06 0.00	45.27 -2.19 0.00	55.61 -2.69 0.00	76.02 -3.18 0.00	96.44 -2.90 0.00	78.73 -1.90 0.00	66.61 -0.97 0.00	51.91 -0.48 0.00
ST_LAW_230_BK6_LBMP 345036	37.67 -0.02 0.00	31.76 -0.07 0.00	26.91 -0.17 0.00	22.57 -0.21 0.00	23.98 -0.26 0.00	25.82 -0.28 0.00	24.50 -0.43 0.00	23.82 -0.43 0.00	22.35 -0.43 0.00	24.52 -0.44 0.00	41.00 -0.77 0.00	45.22 -0.88 0.00	45.31 -1.11 0.00	45.11 -1.23 0.00	46.01 -1.25 0.00	45.94 -1.47 0.00	43.99 -2.06 0.00	45.27 -2.19 0.00	55.61 -2.69 0.00	76.02 -3.18 0.00	96.44 -2.90 0.00	78.73 -1.90 0.00	66.61 -0.97 0.00	51.91 -0.48 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.81 1.12 0.00	32.89 1.06 0.00	28.07 1.00 0.00	23.67 0.89 0.00	25.18 0.94 0.00	27.15 1.05 0.00	26.22 1.29 0.00	25.51 1.26 0.00	21.69 1.21 2.29	24.69 1.30 1.57	44.08 2.31 0.00	48.65 2.54 0.00	49.17 2.75 0.00	49.13 2.80 0.00	50.10 2.83 0.00	50.57 3.15 0.00	49.91 3.67 -0.19	51.23 3.77 0.00	62.59 4.28 0.00	85.83 4.85 -1.77	104.16 4.81 0.00	83.82 3.19 0.00	69.62 2.04 0.00	53.82 1.43 0.00
SWANROAD_115KV_TB1 355699	36.81 -0.87 0.00	30.91 -0.92 0.00	25.95 -1.13 0.00	21.87 -0.91 0.00	23.21 -1.03 0.00	24.95 -1.15 0.00	23.72 -1.22 0.00	22.67 -1.58 0.00	21.67 -1.10 0.00	24.31 -0.65 0.00	41.11 -0.66 0.00	46.07 -0.04 0.00	46.38 -0.04 0.00	46.04 -0.29 0.00	46.69 -0.58 0.00	47.00 -0.41 0.00	46.16 0.10 0.00	47.92 0.46 0.00	58.43 0.12 0.00	80.45 1.25 0.00	100.83 1.48 0.00	79.83 -0.81 0.00	66.46 -1.12 0.00	51.00 -1.39 0.00
SYNERGY___BIOGAS 323694	38.64 0.96 0.00	32.37 0.53 0.00	27.23 0.15 0.00	22.92 0.14 0.00	24.35 0.11 0.00	26.25 0.15 0.00	25.13 0.20 0.00	24.19 -0.05 0.00	23.01 0.23 0.00	25.59 0.63 0.00	43.10 1.34 0.00	48.17 2.07 0.00	48.58 2.16 0.00	48.13 1.79 0.00	48.48 1.22 0.00	48.76 1.35 0.00	47.95 1.89 0.00	49.90 2.44 0.00	61.34 3.04 0.00	84.83 5.62 0.00	106.49 7.14 0.00	84.44 3.81 0.00	69.87 2.29 0.00	53.64 1.25 0.00
SYRACUSE___ENERGY_ST1 323597	37.67 -0.02 0.00	31.74 -0.09 0.00	26.96 -0.11 0.00	22.72 -0.06 0.00	24.16 -0.08 0.00	26.05 -0.06 0.00	25.00 0.06 0.00	24.30 0.05 0.00	22.86 0.08 0.00	25.11 0.14 0.00	42.08 0.32 0.00	46.57 0.47 0.00	46.94 0.53 0.00	46.84 0.51 0.00	47.87 0.60 0.00	48.32 0.90 0.00	47.21 1.15 0.00	48.80 1.34 0.00	61.64 1.75 -1.58	87.01 2.60 -5.21	108.16 2.92 -5.89	84.73 1.77 -2.33	68.85 0.92 -0.35	52.77 0.38 0.00
SYRACUSE___ENERGY_ST2 323598	37.67 -0.02 0.00	31.74 -0.09 0.00	26.96 -0.11 0.00	22.72 -0.06 0.00	24.16 -0.08 0.00	26.05 -0.06 0.00	25.00 0.06 0.00	24.30 0.05 0.00	22.86 0.08 0.00	25.11 0.14 0.00	42.08 0.32 0.00	46.57 0.47 0.00	46.94 0.53 0.00	46.84 0.51 0.00	47.87 0.60 0.00	48.32 0.90 0.00	47.21 1.15 0.00	48.80 1.34 0.00	61.64 1.75 -1.58	87.01 2.60 -5.21	108.16 2.92 -5.89	84.73 1.77 -2.33	68.85 0.92 -0.35	52.77 0.38 0.00
SYRACUSE___POWER 24017	37.67 -0.02 0.00	31.74 -0.09 0.00	26.97 -0.11 0.00	22.71 -0.08 0.00	24.16 -0.08 0.00	26.05 -0.05 0.00	25.00 0.06 0.00	24.30 0.05 0.00	22.87 0.09 0.00	25.15 0.19 0.00	42.19 0.43 0.00	46.74 0.64 0.00	47.12 0.70 0.00	47.08 0.74 0.00	48.01 0.75 0.00	48.41 0.99 0.00	47.30 1.25 0.00	48.89 1.43 0.00	61.23 1.87 -1.06	85.44 2.75 -3.49	106.33 3.04 -3.94	84.05 1.86 -1.56	68.78 0.96 -0.23	52.81 0.42 0.00
TALLMAN_138KV_BK151 55660	39.04 1.35 0.00	33.07 1.24 0.00	28.23 1.16 0.00	23.80 1.02 0.00	25.29 1.06 0.00	27.28 1.19 0.00	26.38 1.45 0.00	25.66 1.42 0.00	21.04 1.35 3.08	24.31 1.47 2.12	44.40 2.63 0.00	49.04 2.94 0.00	49.60 3.18 0.00	49.55 3.21 0.00	50.49 3.22 0.00	50.98 3.56 0.00	50.37 4.11 -0.20	51.67 4.21 0.00	63.00 4.70 0.00	86.28 5.25 -1.82	104.57 5.22 0.00	84.10 3.46 0.00	69.79 2.20 0.00	53.94 1.55 0.00
TEALLAVE_115KV_TB7 355573	37.49 -0.20 0.00	31.59 -0.24 0.00	26.85 -0.23 0.00	22.61 -0.17 0.00	24.06 -0.18 0.00	25.93 -0.16 0.00	24.88 -0.06 0.00	24.18 -0.07 0.00	22.78 0.00 0.00	25.05 0.08 0.00	42.04 0.27 0.00	46.57 0.47 0.00	46.94 0.53 0.00	46.90 0.56 0.00	47.82 0.56 0.00	48.17 0.75 0.00	47.07 1.02 0.00	48.62 1.17 0.00	60.67 1.49 -0.87	84.28 2.21 -2.87	104.99 2.41 -3.24	83.28 1.37 -1.28	68.34 0.56 -0.19	52.51 0.13 0.00
TELGRAPH_34_KV_EAST 80808	37.52 -0.17 0.00	31.46 -0.37 0.00	26.43 -0.65 0.00	22.27 -0.51 0.00	23.64 -0.59 0.00	25.45 -0.65 0.00	24.27 -0.67 0.00	23.29 -0.96 0.00	22.22 -0.55 0.00	24.87 -0.10 0.00	42.03 0.26 0.00	47.06 0.95 0.00	47.36 0.94 0.00	47.08 0.74 0.00	47.71 0.45 0.00	48.08 0.66 0.00	47.23 1.17 0.00	49.03 1.57 0.00	59.92 1.62 0.00	82.59 3.38 0.00	103.51 4.16 0.00	81.97 1.34 0.00	68.11 0.52 0.00	52.23 -0.16 0.00
TEMPLE___115KV_TB 2 55572	37.51 -0.18 0.00	31.60 -0.23 0.00	26.85 -0.22 0.00	22.62 -0.17 0.00	24.06 -0.17 0.00	25.94 -0.16 0.00	24.89 -0.05 0.00	24.19 -0.05 0.00	22.79 0.02 0.00	25.07 0.10 0.00	42.07 0.30 0.00	46.61 0.51 0.00	46.99 0.57 0.00	46.94 0.60 0.00	47.87 0.60 0.00	48.22 0.80 0.00	47.12 1.06 0.00	48.68 1.22 0.00	60.73 1.55 -0.87	84.34 2.28 -2.86	105.07 2.49 -3.23	83.34 1.43 -1.28	68.40 0.62 -0.19	52.55 0.16 0.00
TIANA____69_KV_BK 1 55817	39.48 1.79 0.00	33.57 1.74 0.00	28.58 1.50 0.00	24.07 1.29 0.00	25.57 1.33 0.00	27.70 1.61 0.00	26.90 1.97 0.00	26.20 1.96 0.00	26.76 1.64 -2.34	28.25 1.68 -1.61	45.47 3.70 0.00	49.39 3.29 0.00	49.82 3.40 0.00	49.99 3.65 0.00	50.84 3.58 0.00	51.14 3.97 0.25	49.10 4.37 1.33	57.02 4.55 -5.01	66.93 5.18 -3.44	88.17 5.30 -3.67	60.08 4.50 43.77	76.63 2.88 6.89	43.71 1.40 25.27	51.10 0.96 2.26

TILDEN___115KV_TB1 80814	37.67 -0.02 0.00	31.74 -0.09 0.00	26.97 -0.11 0.00	22.71 -0.08 0.00	24.16 -0.08 0.00	26.05 -0.05 0.00	25.00 0.06 0.00	24.30 0.05 0.00	22.87 0.09 0.00	25.15 0.19 0.00	42.19 0.43 0.00	46.74 0.64 0.00	47.12 0.70 0.00	47.08 0.74 0.00	48.01 0.75 0.00	48.41 0.99 0.00	47.30 1.25 0.00	48.89 1.43 0.00	61.23 1.87 -1.06	85.44 2.75 -3.49	106.33 3.04 -3.94	84.05 1.86 -1.56	68.78 0.96 -0.23	52.81 0.42 0.00
TRIGEN___CC 323695	39.24 1.56 0.00	33.29 1.46 0.00	28.41 1.33 0.00	23.94 1.16 0.00	25.44 1.20 0.00	27.51 1.41 0.00	26.64 1.71 0.00	25.93 1.68 0.00	26.63 1.52 -2.34	28.18 1.60 -1.61	45.01 3.24 0.00	49.12 3.02 0.00	49.69 3.27 0.00	49.68 3.34 0.00	50.59 3.33 0.00	51.18 3.76 0.00	50.48 4.20 -0.22	51.58 4.23 0.11	62.84 4.68 0.14	85.53 5.02 -1.30	96.47 4.69 7.57	82.86 3.24 1.01	65.41 1.80 3.97	53.41 1.37 0.35
TRINITY___115KV___4 BK 55933	37.75 0.06 0.00	32.11 0.28 0.00	27.54 0.46 0.00	23.29 0.50 0.00	24.76 0.52 0.00	26.61 0.51 0.00	25.56 0.63 0.00	24.84 0.60 0.00	23.27 0.50 0.00	25.38 0.42 0.00	42.38 0.61 0.00	46.59 0.48 0.00	47.01 0.59 0.00	46.99 0.65 0.00	48.00 0.73 0.00	48.24 0.82 0.00	46.47 1.29 0.88	48.83 1.37 0.00	59.98 1.68 0.00	91.86 1.78 -10.87	100.67 1.32 0.00	81.36 0.73 0.00	67.89 0.31 0.00	52.60 0.21 0.00
UNION___PROCESSING_DRP 323587	38.01 0.32 0.00	31.93 0.10 0.00	26.98 -0.10 0.00	22.70 -0.09 0.00	24.13 -0.11 0.00	26.02 -0.08 0.00	24.96 0.03 0.00	24.17 -0.08 0.00	22.90 0.12 0.00	25.36 0.39 0.00	42.78 1.01 0.00	47.74 1.63 0.00	48.14 1.72 0.00	47.97 1.63 0.00	48.78 1.51 0.00	49.19 1.78 0.00	48.20 2.14 0.00	49.89 2.43 0.00	61.16 2.85 0.00	83.87 4.67 0.00	104.98 5.63 0.00	83.80 3.17 0.00	69.56 1.97 0.00	53.36 0.97 0.00
UPPER HUDSON___HYD 24058	39.35 1.66 0.00	33.41 1.58 0.00	28.44 1.36 0.00	24.00 1.22 0.00	25.56 1.32 0.00	27.50 1.40 0.00	26.43 1.50 0.00	25.74 1.49 0.00	24.01 1.23 0.00	26.00 1.03 0.00	43.12 1.35 0.00	47.62 1.51 0.00	48.09 1.67 0.00	48.27 1.93 0.00	49.51 2.25 0.00	50.22 2.81 0.00	50.35 3.43 -0.87	51.25 3.79 0.00	63.79 5.49 0.00	106.16 7.30 -19.65	106.77 7.42 0.00	86.31 5.67 0.00	71.63 4.04 0.00	55.17 2.77 0.00
UPPER RAQUET___HYD 24056	38.33 0.64 0.00	32.25 0.42 0.00	27.27 0.19 0.00	22.87 0.09 0.00	24.15 -0.08 0.00	26.07 -0.03 0.00	24.66 -0.27 0.00	23.96 -0.29 0.00	22.45 -0.32 0.00	24.58 -0.39 0.00	40.64 -1.13 0.00	44.45 -1.66 0.00	44.18 -2.24 0.00	43.87 -2.47 0.00	44.76 -2.50 0.00	44.78 -2.64 0.00	42.36 -3.69 0.00	43.71 -3.75 0.00	54.21 -4.33 -0.22	75.50 -4.50 -0.79	97.12 -3.12 -0.90	79.17 -1.82 -0.36	66.93 -0.70 -0.05	52.14 -0.25 0.00
VALLEY44_115KV_TB2 355964	37.51 -0.18 0.00	31.39 -0.44 0.00	26.59 -0.49 0.00	22.39 -0.39 0.00	23.82 -0.42 0.00	25.67 -0.42 0.00	24.68 -0.26 0.00	23.79 -0.46 0.00	22.72 -0.06 0.00	25.26 0.30 0.00	42.58 0.82 0.00	47.69 1.59 0.00	47.81 1.39 0.00	47.49 1.15 0.00	47.89 0.62 0.00	48.28 0.87 0.00	47.47 1.42 0.00	49.33 1.88 0.00	60.34 2.03 0.00	82.91 3.71 0.00	103.92 4.57 0.00	82.57 1.94 0.00	68.15 0.56 0.00	52.31 -0.09 0.00
VALLEY___115KV_TB 1-4 80826	38.00 0.31 0.00	32.20 0.36 0.00	27.49 0.41 0.00	23.19 0.41 0.00	24.72 0.48 0.00	26.61 0.51 0.00	25.56 0.63 0.00	24.79 0.54 0.00	23.11 0.34 0.00	25.14 0.18 0.00	41.97 0.20 0.00	46.28 0.18 0.00	46.76 0.34 0.00	46.76 0.42 0.00	47.67 0.40 0.00	48.05 0.63 0.00	47.13 1.07 0.00	48.96 1.50 0.00	60.64 2.33 0.00	82.64 3.44 0.00	102.92 3.57 0.00	83.11 2.48 0.00	69.12 1.54 0.00	53.29 0.90 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.82 1.13 0.00	32.76 0.93 0.00	27.94 0.86 0.00	23.54 0.76 0.00	25.05 0.82 0.00	27.03 0.93 0.00	25.95 1.01 0.00	25.23 0.98 0.00	23.75 0.98 0.00	26.11 1.15 0.00	43.85 2.09 0.00	48.53 2.43 0.00	48.97 2.55 0.00	48.92 2.58 0.00	49.77 2.51 0.00	50.06 2.65 0.00	48.99 2.93 0.00	50.61 3.15 0.00	62.54 3.96 -0.27	88.15 5.26 -3.69	106.16 5.82 -1.00	85.22 4.20 -0.39	70.57 2.92 -0.06	54.41 2.02 0.00
VISCHER___FERRY HYD 24020	38.65 0.96 0.00	32.84 1.00 0.00	28.09 1.01 0.00	23.72 0.93 0.00	25.24 1.00 0.00	27.13 1.03 0.00	26.06 1.13 0.00	25.35 1.11 0.00	23.71 0.93 0.00	25.81 0.85 0.00	42.94 1.18 0.00	47.30 1.20 0.00	47.72 1.30 0.00	47.73 1.39 0.00	48.86 1.60 0.00	49.30 1.88 0.00	50.04 2.38 -1.61	49.99 2.53 0.00	61.57 3.26 0.00	99.33 4.02 -16.11	103.34 3.99 0.00	83.55 2.91 0.00	69.69 2.11 0.00	53.97 1.58 0.00
V_A_10_SYNC_DSASP 323832	37.15 -0.53 0.00	31.21 -0.62 0.00	26.29 -0.79 0.00	22.14 -0.64 0.00	23.52 -0.72 0.00	25.32 -0.78 0.00	24.21 -0.72 0.00	23.25 -0.99 0.00	22.16 -0.62 0.00	24.80 -0.16 0.00	41.91 0.14 0.00	46.88 0.77 0.00	47.18 0.76 0.00	46.90 0.56 0.00	47.61 0.35 0.00	47.99 0.58 0.00	46.87 0.82 0.00	48.50 1.05 0.00	59.24 0.94 0.00	81.41 2.20 0.00	102.24 2.90 0.00	81.47 0.83 0.00	67.69 0.10 0.00	51.98 -0.41 0.00
V_CMM_10_SYNC_DSASP 323787	37.89 0.20 0.00	31.94 0.10 0.00	27.05 -0.03 0.00	22.68 -0.10 0.00	24.10 -0.13 0.00	25.95 -0.15 0.00	24.61 -0.32 0.00	23.92 -0.32 0.00	22.44 -0.33 0.00	24.63 -0.33 0.00	41.18 -0.58 0.00	45.41 -0.69 0.00	45.48 -0.94 0.00	45.25 -1.09 0.00	46.14 -1.13 0.00	46.07 -1.35 0.00	44.04 -2.01 0.00	45.33 -2.13 0.00	55.67 -2.63 0.00	76.21 -3.00 0.00	96.83 -2.52 0.00	79.06 -1.58 0.00	66.94 -0.64 0.00	52.19 -0.20 0.00
V_CMP_10_SYNC_DSASP 323788	38.12 0.43 0.00	32.05 0.21 0.00	27.14 0.06 0.00	22.77 -0.01 0.00	24.12 -0.12 0.00	25.96 -0.14 0.00	24.65 -0.29 0.00	23.99 -0.26 0.00	22.31 -0.46 0.00	24.31 -0.65 0.00	40.59 -1.17 0.00	44.57 -1.54 0.00	44.51 -1.91 0.00	44.38 -1.96 0.00	45.35 -1.92 0.00	45.36 -2.05 0.00	43.59 -2.47 0.00	44.94 -2.52 0.00	55.38 -2.93 0.00	75.96 -3.25 0.00	95.91 -3.44 0.00	77.56 -3.08 0.00	65.58 -2.01 0.00	51.14 -1.25 0.00
V_D_10_SYNC_DSASP 323841	38.11 0.42 0.00	32.12 0.28 0.00	27.19 0.11 0.00	22.80 0.02 0.00	24.21 -0.02 0.00	26.08 -0.02 0.00	24.72 -0.21 0.00	24.02 -0.23 0.00	22.55 -0.23 0.00	24.74 -0.22 0.00	41.30 -0.47 0.00	45.51 -0.60 0.00	45.52 -0.90 0.00	45.23 -1.11 0.00	46.13 -1.14 0.00	46.06 -1.36 0.00	43.75 -2.31 0.00	45.09 -2.37 0.00	55.34 -2.97 0.00	76.07 -3.13 0.00	97.24 -2.10 0.00	79.42 -1.21 0.00	67.34 -0.24 0.00	52.49 0.10 0.00
V_E_10_SYNC_DSASP 323830	39.61 1.92 0.00	33.31 1.48 0.00	28.29 1.22 0.00	23.88 1.10 0.00	25.46 1.23 0.00	27.58 1.48 0.00	26.50 1.57 0.00	25.86 1.61 0.00	24.41 1.64 0.00	26.83 1.87 0.00	45.29 3.53 0.00	50.21 4.11 0.00	50.97 4.55 0.00	50.73 4.39 0.00	51.32 4.05 0.00	51.87 4.45 0.00	51.14 5.08 0.00	53.15 5.69 0.00	66.46 7.61 -0.54	94.17 11.59 -3.37	115.13 13.75 -2.03	91.03 9.60 -0.80	73.94 6.23 -0.12	56.58 4.19 0.00

V_F_30_NSYNC___DSASP 323816	39.25 1.56 0.00	33.29 1.46 0.00	28.41 1.33 0.00	23.97 1.19 0.00	25.51 1.27 0.00	27.46 1.36 0.00	26.36 1.43 0.00	25.67 1.43 0.00	23.97 1.20 0.00	26.08 1.12 0.00	43.41 1.64 0.00	47.87 1.77 0.00	48.34 1.92 0.00	48.40 2.07 0.00	49.60 2.34 0.00	50.12 2.70 0.00	50.25 3.23 -0.96	50.98 3.52 0.00	63.06 4.75 0.00	104.64 6.23 -19.21	105.98 6.63 0.00	85.54 4.91 0.00	71.21 3.63 0.00	55.01 2.62 0.00
V_F_30_SYNC_DSASP 323786	37.95 0.26 0.00	32.27 0.43 0.00	27.65 0.57 0.00	23.38 0.60 0.00	24.85 0.61 0.00	26.72 0.62 0.00	25.67 0.73 0.00	24.95 0.70 0.00	23.37 0.60 0.00	25.52 0.55 0.00	42.63 0.87 0.00	46.89 0.78 0.00	47.34 0.92 0.00	47.33 1.00 0.00	48.35 1.09 0.00	48.62 1.20 0.00	47.95 1.69 -0.20	49.25 1.80 0.00	60.51 2.20 0.00	94.66 2.50 -12.95	101.55 2.21 0.00	82.01 1.38 0.00	68.39 0.80 0.00	52.95 0.56 0.00
V_XM_10_SYNC_DSASP 323789	38.12 0.43 0.00	32.05 0.21 0.00	27.14 0.06 0.00	22.77 -0.01 0.00	24.12 -0.12 0.00	25.96 -0.14 0.00	24.65 -0.29 0.00	23.99 -0.26 0.00	22.31 -0.46 0.00	24.31 -0.65 0.00	40.59 -1.17 0.00	44.57 -1.54 0.00	44.51 -1.91 0.00	44.38 -1.96 0.00	45.35 -1.92 0.00	45.36 -2.05 0.00	43.59 -2.47 0.00	44.94 -2.52 0.00	55.38 -2.93 0.00	75.96 -3.25 0.00	95.91 -3.44 0.00	77.56 -3.08 0.00	65.58 -2.01 0.00	51.14 -1.25 0.00
W.BABYLN_69_KV_BK1 56697	39.74 2.05 0.00	33.78 1.95 0.00	28.78 1.71 0.00	24.26 1.48 0.00	25.76 1.52 0.00	27.87 1.77 0.00	27.03 2.10 0.00	26.32 2.07 0.00	26.90 1.78 -2.34	28.41 1.84 -1.61	45.59 3.83 0.00	49.50 3.39 0.00	50.00 3.58 0.00	50.03 3.69 0.00	50.94 3.67 0.00	51.46 4.18 0.14	50.41 4.69 0.34	62.35 4.82 -10.06	70.90 5.55 -7.04	92.95 6.00 -7.75	65.83 5.66 39.18	78.60 3.97 6.00	47.78 2.29 22.10	52.14 1.72 1.97
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.15 1.46 0.00	33.18 1.35 0.00	28.33 1.26 0.00	23.88 1.09 0.00	25.38 1.14 0.00	27.38 1.28 0.00	26.47 1.54 0.00	25.75 1.51 0.00	20.87 1.44 3.34	24.24 1.57 2.30	44.55 2.78 0.00	49.22 3.11 0.00	49.78 3.37 0.00	49.74 3.40 0.00	50.71 3.45 0.00	51.20 3.79 0.00	50.58 4.31 -0.21	51.87 4.41 0.00	63.26 4.96 0.00	86.65 5.61 -1.84	104.99 5.64 0.00	84.45 3.82 0.00	70.06 2.47 0.00	54.14 1.75 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.38 1.69 0.00	33.39 1.56 0.00	28.50 1.43 0.00	24.01 1.23 0.00	25.54 1.30 0.00	27.58 1.48 0.00	26.76 1.83 0.00	26.07 1.82 0.00	26.89 1.76 -2.35	28.54 1.96 -1.62	45.12 3.36 0.00	49.73 3.63 0.00	50.21 3.79 0.00	50.15 3.81 0.00	51.10 3.84 0.00	51.61 4.20 0.00	51.07 4.78 -0.22	52.17 4.71 0.00	63.45 5.15 0.00	86.76 5.66 -1.90	104.88 5.54 0.00	84.37 3.74 0.00	70.06 2.47 0.00	54.26 1.87 0.00
W50THST__13_KV_LOAD 356117	39.61 1.92 0.00	33.59 1.76 0.00	28.68 1.60 0.00	24.16 1.37 0.00	25.70 1.46 0.00	27.76 1.66 0.00	26.96 2.03 0.00	26.29 2.04 0.00	27.10 1.97 -2.35	28.78 2.20 -1.62	45.53 3.76 0.00	50.19 4.08 0.00	50.64 4.22 0.00	50.57 4.23 0.00	51.50 4.23 0.00	52.04 4.62 0.00	51.46 5.18 -0.22	52.56 5.10 0.00	63.91 5.60 0.00	87.28 6.18 -1.90	105.52 6.17 0.00	84.88 4.25 0.00	70.45 2.87 0.00	54.58 2.19 0.00
WADING RIVER_IC_1 23522	38.91 1.22 0.00	33.11 1.28 0.00	28.20 1.12 0.00	23.76 0.97 0.00	25.23 0.99 0.00	27.34 1.24 0.00	26.53 1.59 0.00	25.83 1.58 0.00	26.38 1.27 -2.34	27.80 1.23 -1.61	44.62 2.86 0.00	48.49 2.38 0.00	48.93 2.51 0.00	49.08 2.74 0.00	49.95 2.69 0.00	50.33 3.16 0.25	48.25 3.51 1.31	56.01 3.67 -4.88	65.76 4.10 -3.34	86.71 3.94 -3.56	58.46 2.90 43.79	75.46 1.72 6.89	42.74 0.43 25.28	50.42 0.29 2.26
WADING RIVER_IC_2 23547	38.91 1.22 0.00	33.11 1.28 0.00	28.20 1.12 0.00	23.76 0.97 0.00	25.23 0.99 0.00	27.34 1.24 0.00	26.53 1.59 0.00	25.83 1.58 0.00	26.38 1.27 -2.34	27.80 1.23 -1.61	44.62 2.86 0.00	48.49 2.38 0.00	48.93 2.51 0.00	49.08 2.74 0.00	49.95 2.69 0.00	50.33 3.16 0.25	48.25 3.51 1.31	56.01 3.67 -4.88	65.76 4.10 -3.34	86.71 3.94 -3.56	58.46 2.90 43.79	75.46 1.72 6.89	42.74 0.43 25.28	50.42 0.29 2.26
WADING RIVER_IC_3 23601	38.91 1.22 0.00	33.11 1.28 0.00	28.20 1.12 0.00	23.76 0.97 0.00	25.23 0.99 0.00	27.34 1.24 0.00	26.53 1.59 0.00	25.83 1.58 0.00	26.38 1.27 -2.34	27.80 1.23 -1.61	44.62 2.86 0.00	48.49 2.38 0.00	48.93 2.51 0.00	49.08 2.74 0.00	49.95 2.69 0.00	50.33 3.16 0.25	48.25 3.51 1.31	56.01 3.67 -4.88	65.76 4.10 -3.34	86.71 3.94 -3.56	58.46 2.90 43.79	75.46 1.72 6.89	42.74 0.43 25.28	50.42 0.29 2.26
WALDENNY_12_KV_BK2 80841	37.65 -0.04 0.00	31.49 -0.34 0.00	26.46 -0.62 0.00	22.27 -0.51 0.00	23.67 -0.57 0.00	25.48 -0.62 0.00	24.36 -0.58 0.00	23.37 -0.87 0.00	22.39 -0.38 0.00	25.10 0.13 0.00	42.53 0.76 0.00	47.73 1.63 0.00	48.07 1.65 0.00	47.83 1.49 0.00	48.49 1.22 0.00	48.87 1.46 0.00	48.09 2.04 0.00	49.94 2.49 0.00	61.04 2.73 0.00	84.01 4.81 0.00	105.10 5.75 0.00	82.95 2.32 0.00	68.68 1.10 0.00	52.60 0.22 0.00
WALDEN___HYDRO 24148	39.04 1.35 0.00	33.07 1.23 0.00	28.22 1.14 0.00	23.80 1.02 0.00	25.31 1.07 0.00	27.29 1.19 0.00	26.38 1.44 0.00	25.67 1.43 0.00	23.38 1.36 0.75	25.90 1.45 0.52	44.29 2.52 0.00	48.87 2.76 0.00	49.44 3.02 0.00	49.40 3.06 0.00	50.40 3.14 0.00	50.89 3.47 0.00	50.24 4.03 -0.15	51.63 4.17 0.00	63.12 4.81 0.00	86.72 5.60 -1.92	105.06 5.72 0.00	84.55 3.92 0.00	70.15 2.57 0.00	54.21 1.82 0.00
WARRENSBURG____ 23737	39.35 1.66 0.00	33.41 1.58 0.00	28.44 1.36 0.00	24.00 1.22 0.00	25.56 1.32 0.00	27.50 1.40 0.00	26.43 1.50 0.00	25.73 1.49 0.00	24.01 1.23 0.00	26.00 1.03 0.00	43.12 1.35 0.00	47.62 1.51 0.00	48.09 1.67 0.00	48.27 1.93 0.00	49.51 2.24 0.00	50.23 2.82 0.00	50.35 3.43 -0.87	51.25 3.79 0.00	63.79 5.48 0.00	106.16 7.30 -19.65	106.77 7.42 0.00	86.31 5.67 0.00	71.63 4.05 0.00	55.17 2.78 0.00
WATERSIDE___6 8 9 23538	39.18 1.49 0.00	33.31 1.48 0.00	28.42 1.34 0.00	23.90 1.12 0.00	25.43 1.19 0.00	27.47 1.37 0.00	26.72 1.78 0.00	26.04 1.79 0.00	26.86 1.74 -2.35	28.53 1.95 -1.61	44.99 3.22 0.00	49.50 3.39 0.00	49.99 3.57 0.00	49.88 3.54 0.00	50.73 3.46 0.00	51.15 3.73 0.00	50.63 4.35 -0.22	51.71 4.26 0.00	51.32 4.54 11.52	55.10 4.86 28.96	60.01 4.56 43.90	46.97 2.99 36.64	43.06 1.84 26.37	48.12 1.40 5.67
WATKINRD_115KV_LN8_ILLION 55919	37.85 0.17 0.00	32.05 0.21 0.00	27.35 0.27 0.00	23.07 0.29 0.00	24.57 0.33 0.00	26.45 0.35 0.00	25.38 0.44 0.00	24.64 0.39 0.00	23.02 0.24 0.00	25.08 0.12 0.00	41.89 0.13 0.00	46.20 0.09 0.00	46.64 0.22 0.00	46.65 0.31 0.00	47.58 0.31 0.00	47.89 0.48 0.00	46.90 0.84 0.00	48.60 1.14 0.00	60.07 1.76 0.00	81.73 2.52 0.00	101.90 2.55 0.00	82.39 1.76 0.00	68.64 1.05 0.00	52.98 0.60 0.00

WDELAWARE___HYD 323627	38.35 0.66 0.00	32.43 0.60 0.00	27.66 0.58 0.00	23.30 0.52 0.00	24.78 0.54 0.00	26.73 0.63 0.00	25.82 0.88 0.00	25.15 0.91 0.00	23.08 0.87 0.56	25.50 0.92 0.39	43.45 1.69 0.00	47.92 1.81 0.00	48.59 2.17 0.00	48.55 2.22 0.00	49.56 2.29 0.00	50.05 2.64 0.00	49.30 3.24 0.00	50.96 3.51 0.00	62.42 4.11 0.00	86.13 4.85 -2.07	104.16 4.81 0.00	83.76 3.13 0.00	69.41 1.83 0.00	53.52 1.13 0.00
WEST BABYLON___IC 23714	39.74 2.05 0.00	33.78 1.95 0.00	28.78 1.71 0.00	24.26 1.48 0.00	25.76 1.52 0.00	27.87 1.77 0.00	27.03 2.10 0.00	26.32 2.07 0.00	26.90 1.78 -2.34	28.41 1.84 -1.61	45.59 3.83 0.00	49.50 3.39 0.00	50.00 3.58 0.00	50.03 3.69 0.00	50.94 3.67 0.00	51.46 4.18 0.14	50.41 4.69 0.34	62.35 4.82 -10.06	70.90 5.55 -7.04	92.95 6.00 -7.75	65.83 5.66 39.18	78.60 3.97 6.00	47.78 2.29 22.10	52.14 1.72 1.97
WEST CANADA___HYD 24049	37.69 0.00 0.00	31.86 0.04 0.00	27.13 0.05 0.00	22.85 0.07 0.00	24.33 0.09 0.00	26.19 0.09 0.00	25.07 0.13 0.00	24.39 0.15 0.00	22.90 0.12 0.00	25.09 0.13 0.00	41.96 0.19 0.00	46.29 0.18 0.00	46.64 0.23 0.00	46.59 0.26 0.00	47.51 0.25 0.00	47.73 0.31 0.00	46.51 0.45 0.00	47.93 0.48 0.00	58.95 0.64 0.00	79.98 0.78 0.00	99.97 0.62 0.00	81.06 0.43 0.00	67.79 0.20 0.00	52.48 0.09 0.00
WESTERN_NY_WIND 24143	38.59 0.90 0.00	32.32 0.49 0.00	27.18 0.10 0.00	22.88 0.10 0.00	24.30 0.07 0.00	26.21 0.11 0.00	25.08 0.15 0.00	24.14 -0.10 0.00	22.96 0.19 0.00	25.54 0.58 0.00	43.02 1.26 0.00	48.08 1.97 0.00	48.49 2.07 0.00	48.06 1.72 0.00	48.45 1.19 0.00	48.74 1.33 0.00	47.93 1.87 0.00	49.87 2.41 0.00	61.32 3.02 0.00	84.82 5.61 0.00	106.47 7.12 0.00	84.41 3.77 0.00	69.86 2.27 0.00	53.61 1.22 0.00
WESTOVER___LESR 323668	37.76 0.07 0.00	31.79 -0.04 0.00	27.09 0.02 0.00	22.82 0.03 0.00	24.30 0.06 0.00	26.19 0.09 0.00	25.17 0.23 0.00	24.42 0.17 0.00	23.03 0.26 0.00	25.29 0.33 0.00	42.57 0.80 0.00	47.28 1.17 0.00	47.60 1.18 0.00	47.57 1.23 0.00	48.31 1.05 0.00	48.74 1.32 0.00	47.69 1.63 0.00	49.27 1.82 0.00	61.29 2.34 -0.64	85.37 3.30 -2.86	105.29 3.55 -2.39	83.67 2.09 -0.94	68.73 1.01 -0.14	52.88 0.49 0.00
WETHRSFD_WT_PWR 323626	37.21 -0.48 0.00	30.90 -0.92 0.00	26.05 -1.02 0.00	21.93 -0.85 0.00	23.35 -0.89 0.00	25.15 -0.95 0.00	24.04 -0.90 0.00	23.10 -1.15 0.00	22.02 -0.75 0.00	24.51 -0.46 0.00	41.23 -0.53 0.00	46.20 0.10 0.00	46.64 0.23 0.00	46.42 0.08 0.00	46.99 -0.27 0.00	47.37 -0.04 0.00	46.49 0.43 0.00	48.25 0.79 0.00	59.32 1.01 0.00	82.30 3.10 0.00	103.32 3.97 0.00	81.60 0.97 0.00	67.24 -0.34 0.00	51.45 -0.94 0.00
WHAVSTOR_138KV_BK127 55557	39.07 1.39 0.00	33.11 1.27 0.00	28.27 1.19 0.00	23.82 1.04 0.00	25.28 1.04 0.00	27.26 1.16 0.00	26.37 1.44 0.00	25.65 1.40 0.00	20.70 1.33 3.40	24.07 1.44 2.34	44.31 2.54 0.00	48.91 2.80 0.00	49.44 3.03 0.00	49.40 3.06 0.00	50.34 3.07 0.00	50.82 3.40 0.00	50.20 3.94 -0.21	51.47 4.01 0.00	62.79 4.48 0.00	86.00 4.95 -1.84	104.19 4.85 0.00	83.84 3.21 0.00	69.59 2.00 0.00	53.81 1.42 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.07 1.39 0.00	33.11 1.27 0.00	28.27 1.19 0.00	23.82 1.04 0.00	25.28 1.04 0.00	27.26 1.16 0.00	26.37 1.44 0.00	25.65 1.40 0.00	20.70 1.33 3.40	24.07 1.44 2.34	44.31 2.54 0.00	48.91 2.80 0.00	49.44 3.03 0.00	49.40 3.06 0.00	50.34 3.07 0.00	50.82 3.40 0.00	50.20 3.94 -0.21	51.47 4.01 0.00	62.79 4.48 0.00	86.00 4.95 -1.84	104.19 4.85 0.00	83.84 3.21 0.00	69.59 2.00 0.00	53.81 1.42 0.00
WHITEHAL_115KV_TB1 80871	40.54 2.85 0.00	34.65 2.82 0.00	29.28 2.20 0.00	24.78 2.00 0.00	26.40 2.17 0.00	28.32 2.22 0.00	27.24 2.30 0.00	26.50 2.26 0.00	24.57 1.79 0.00	26.33 1.37 0.00	43.73 1.96 0.00	48.32 2.21 0.00	48.82 2.40 0.00	49.19 2.85 0.00	50.68 3.41 0.00	51.99 4.57 0.00	52.40 5.44 -0.91	53.10 5.64 0.00	65.90 7.59 0.00	108.82 10.15 -19.47	108.14 8.79 0.00	87.51 6.88 0.00	72.62 5.03 0.00	56.28 3.89 0.00
WHITEPLN_13_KV_LOAD 356215	39.58 1.90 0.00	33.54 1.71 0.00	28.63 1.55 0.00	24.12 1.34 0.00	25.65 1.41 0.00	27.69 1.59 0.00	26.83 1.89 0.00	26.15 1.90 0.00	27.04 1.82 -2.44	28.63 1.99 -1.68	45.25 3.49 0.00	49.92 3.82 0.00	50.48 4.06 0.00	50.48 4.14 0.00	51.51 4.24 0.00	51.98 4.56 0.00	51.42 5.14 -0.22	52.68 5.22 0.00	64.20 5.90 0.00	87.88 6.77 -1.90	106.32 6.97 0.00	85.49 4.85 0.00	70.89 3.30 0.00	54.78 2.39 0.00
WM_FLOYD_69_KV_BK2 356380	39.28 1.60 0.00	33.44 1.60 0.00	28.47 1.39 0.00	23.99 1.21 0.00	25.48 1.24 0.00	27.61 1.51 0.00	26.78 1.84 0.00	26.07 1.82 0.00	26.59 1.47 -2.34	28.03 1.46 -1.61	45.04 3.28 0.00	48.90 2.79 0.00	49.32 2.90 0.00	49.44 3.11 0.00	50.34 3.07 0.00	50.68 3.54 0.27	48.58 3.94 1.42	57.15 4.12 -5.58	66.85 4.69 -3.86	88.15 4.82 -4.12	59.74 4.07 43.68	76.37 2.61 6.87	43.60 1.23 25.22	50.97 0.83 2.25
WOODARD__115KV_TB2 355635	37.40 -0.28 0.00	31.52 -0.31 0.00	26.80 -0.28 0.00	22.57 -0.22 0.00	24.00 -0.23 0.00	25.88 -0.22 0.00	24.82 -0.12 0.00	24.12 -0.12 0.00	22.72 -0.06 0.00	24.97 0.01 0.00	41.89 0.13 0.00	46.39 0.28 0.00	46.74 0.32 0.00	46.71 0.37 0.00	47.64 0.37 0.00	47.98 0.57 0.00	46.87 0.81 0.00	48.42 0.96 0.00	60.69 1.24 -1.15	84.86 1.85 -3.80	105.61 1.97 -4.29	83.38 1.05 -1.70	68.20 0.36 -0.25	52.36 -0.03 0.00
WOODMERE_69_KV_BK1 55827	39.77 2.08 0.00	33.72 1.89 0.00	28.74 1.66 0.00	24.22 1.44 0.00	25.72 1.49 0.00	27.82 1.72 0.00	26.95 2.02 0.00	26.24 2.00 0.00	26.93 1.82 -2.34	28.53 1.96 -1.61	45.68 3.91 0.00	49.91 3.80 0.00	50.52 4.10 0.00	50.55 4.21 0.00	51.50 4.23 0.00	52.12 4.71 0.00	51.26 4.98 -0.22	53.25 5.05 -0.74	64.97 5.73 -0.94	88.70 6.43 -3.07	107.94 6.34 -2.25	85.84 4.59 -0.62	70.45 2.86 0.00	54.55 2.16 0.00
YORK___WARBASSE 23770	39.34 1.66 0.00	33.41 1.57 0.00	28.46 1.38 0.00	23.94 1.16 0.00	25.48 1.24 0.00	27.54 1.44 0.00	26.76 1.82 0.00	26.05 1.81 0.00	26.85 1.73 -2.35	28.53 1.95 -1.61	45.04 3.27 0.00	49.60 3.49 0.00	50.16 3.74 0.00	50.03 3.69 0.00	50.90 3.64 0.00	51.44 4.02 0.00	50.98 4.70 -0.23	52.01 4.55 0.00	63.27 4.97 0.01	86.55 5.45 -1.89	104.66 5.32 0.01	84.21 3.59 0.01	69.91 2.33 0.00	54.15 1.76 0.00