

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/27/2025

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	47.17	46.07	43.78	43.18	44.94	48.56	76.80	103.60	84.76	56.27	49.25	47.59	46.97	47.60	47.88	52.33	60.60	83.02	100.61	95.39	75.46	60.06	55.29	51.38
24138	2.29	2.11	1.76	1.94	1.89	2.05	4.21	7.41	4.72	3.23	2.96	2.99	3.07	3.11	3.26	3.29	3.81	4.79	6.17	5.59	4.34	3.35	2.88	2.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.47	0.43	0.09	0.00	0.00	0.00
74TH STREET_GT_1	47.21	46.11	43.87	43.22	44.98	48.60	76.73	103.51	84.68	56.21	49.25	47.54	46.97	47.55	47.83	52.33	60.54	82.94	100.61	95.30	75.46	60.06	55.29	51.38
24260	2.33	2.15	1.85	1.98	1.94	2.09	4.14	7.31	4.64	3.18	2.96	2.94	3.07	3.07	3.21	3.29	3.75	4.71	6.17	5.50	4.34	3.35	2.88	2.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.47	0.43	0.09	0.00	0.00	0.00
74TH STREET_GT_2	47.21	46.11	43.87	43.22	44.98	48.60	76.73	103.51	84.68	56.21	49.25	47.54	46.97	47.55	47.83	52.33	60.54	82.94	100.61	95.30	75.46	60.06	55.29	51.38
24261	2.33	2.15	1.85	1.98	1.94	2.09	4.14	7.31	4.64	3.18	2.96	2.94	3.07	3.07	3.21	3.29	3.75	4.71	6.17	5.50	4.34	3.35	2.88	2.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.47	0.43	0.09	0.00	0.00	0.00
ADK HUDSON___FALLS	46.31	45.36	43.45	42.56	44.51	48.09	75.35	100.62	82.44	53.93	46.48	44.82	44.12	44.75	45.02	49.83	58.16	81.01	98.51	93.03	73.56	58.36	53.93	50.16
24011	1.44	1.41	1.43	1.32	1.46	1.58	2.76	4.43	2.40	0.90	0.19	0.22	0.22	0.27	0.40	0.78	1.36	2.51	3.61	2.80	2.35	1.64	1.52	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	46.45	45.54	43.57	42.68	44.64	48.23	75.64	101.01	82.68	54.04	46.48	44.82	44.12	44.75	44.98	49.83	58.22	81.17	98.80	93.38	73.77	58.53	54.04	50.26
23798	1.57	1.58	1.56	1.44	1.59	1.72	3.05	4.81	2.64	1.01	0.19	0.22	0.22	0.27	0.36	0.78	1.42	2.67	3.89	3.16	2.56	1.81	1.63	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	46.31	45.36	43.45	42.56	44.51	48.09	75.35	100.62	82.44	53.93	46.48	44.82	44.12	44.75	45.02	49.83	58.16	81.01	98.51	93.03	73.56	58.36	53.93	50.16
24028	1.44	1.41	1.43	1.32	1.46	1.58	2.76	4.43	2.40	0.90	0.19	0.22	0.22	0.27	0.40	0.78	1.36	2.51	3.61	2.80	2.35	1.64	1.52	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	46.67	45.45	43.40	42.60	44.51	48.04	75.13	99.66	81.96	54.09	46.80	45.40	44.78	45.33	45.60	50.66	59.07	81.65	98.98	93.47	74.06	58.99	54.35	50.35
23527	1.80	1.50	1.38	1.36	1.46	1.53	2.54	3.46	1.92	1.06	0.51	0.80	0.88	0.84	0.98	1.62	2.27	3.14	4.08	3.24	2.85	2.27	1.94	1.52
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	44.70	43.69	41.72	40.99	42.78	46.19	72.38	96.58	79.40	52.40	45.55	44.02	43.42	43.99	44.26	48.75	56.68	78.35	95.00	89.87	71.07	56.60	52.20	48.45
24190	-0.18	-0.26	-0.29	-0.25	-0.26	-0.33	-0.22	0.38	-0.64	-0.64	-0.74	-0.58	-0.48	-0.49	-0.36	-0.29	-0.11	-0.16	0.09	-0.36	-0.14	-0.11	-0.21	-0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	45.46	44.57	42.61	41.90	43.65	47.26	73.54	96.29	81.00	53.72	46.94	45.27	44.47	44.97	45.07	49.49	57.19	79.13	94.90	90.77	71.85	57.22	53.04	49.47
355683	0.58	0.62	0.59	0.66	0.60	0.74	0.94	0.10	0.96	0.69	0.65	0.67	0.57	0.49	0.45	0.44	0.40	0.63	0.00	0.54	0.64	0.51	0.63	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.82	44.88	42.86	42.06	43.90	47.44	74.26	98.99	81.08	53.25	46.15	44.47	43.86	44.44	44.71	49.39	57.59	79.92	97.09	91.94	72.64	57.85	53.36	49.62
323833	0.94	0.92	0.84	0.82	0.86	0.93	1.67	2.79	1.04	0.21	-0.14	-0.13	-0.04	-0.04	0.09	0.35	0.79	1.41	2.18	1.71	1.42	1.13	0.94	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	45.82	44.88	42.86	42.02	43.90	47.39	74.19	98.89	81.08	53.25	46.15	44.47	43.86	44.44	44.71	49.39	57.59	79.92	97.09	91.94	72.64	57.85	53.36	49.62
323834	0.94	0.92	0.84	0.78	0.86	0.88	1.60	2.69	1.04	0.21	-0.14	-0.13	-0.04	-0.04	0.09	0.35	0.79	1.41	2.18	1.71	1.42	1.13	0.94	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	44.70	43.69	41.72	40.99	42.78	46.19	72.38	96.58	79.40	52.40	45.55	44.02	43.42	43.99	44.26	48.75	56.68	78.35	95.00	89.87	71.07	56.60	52.20	48.45
23571	-0.18	-0.26	-0.29	-0.25	-0.26	-0.33	-0.22	0.38	-0.64	-0.64	-0.74	-0.58	-0.48	-0.49	-0.36	-0.29	-0.11	-0.16	0.09	-0.36	-0.14	-0.11	-0.21	-0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	44.70 -0.18 0.00	43.69 -0.26 0.00	41.72 -0.29 0.00	40.99 -0.25 0.00	42.78 -0.26 0.00	46.19 -0.33 0.00	72.38 -0.22 0.00	96.58 0.38 0.00	79.40 -0.64 0.00	52.40 -0.64 0.00	45.55 -0.74 0.00	44.02 -0.58 0.00	43.42 -0.48 0.00	43.99 -0.49 0.00	44.26 -0.36 0.00	48.75 -0.29 0.00	56.68 -0.11 0.00	78.35 -0.16 0.00	95.00 0.09 0.00	89.87 -0.36 0.00	71.07 -0.14 0.00	56.60 -0.11 0.00	52.20 -0.21 0.00	48.45 -0.39 0.00
ALBANY___3 23573	44.70 -0.18 0.00	43.69 -0.26 0.00	41.72 -0.29 0.00	40.99 -0.25 0.00	42.78 -0.26 0.00	46.19 -0.33 0.00	72.38 -0.22 0.00	96.58 0.38 0.00	79.40 -0.64 0.00	52.40 -0.64 0.00	45.55 -0.74 0.00	44.02 -0.58 0.00	43.42 -0.48 0.00	43.99 -0.49 0.00	44.26 -0.36 0.00	48.75 -0.29 0.00	56.68 -0.11 0.00	78.35 -0.16 0.00	95.00 0.09 0.00	89.87 -0.36 0.00	71.07 -0.14 0.00	56.60 -0.11 0.00	52.20 -0.21 0.00	48.45 -0.39 0.00
ALBANY___4 23574	44.70 -0.18 0.00	43.69 -0.26 0.00	41.72 -0.29 0.00	40.99 -0.25 0.00	42.78 -0.26 0.00	46.19 -0.33 0.00	72.38 -0.22 0.00	96.58 0.38 0.00	79.40 -0.64 0.00	52.40 -0.64 0.00	45.55 -0.74 0.00	44.02 -0.58 0.00	43.42 -0.48 0.00	43.99 -0.49 0.00	44.26 -0.36 0.00	48.75 -0.29 0.00	56.68 -0.11 0.00	78.35 -0.16 0.00	95.00 0.09 0.00	89.87 -0.36 0.00	71.07 -0.14 0.00	56.60 -0.11 0.00	52.20 -0.21 0.00	48.45 -0.39 0.00
ALBANY___LFGE 323615	45.19 0.32 0.00	44.22 0.27 0.00	42.19 0.17 0.00	41.41 0.17 0.00	43.26 0.22 0.00	46.75 0.23 0.00	73.17 0.58 0.00	97.64 1.45 0.00	80.28 0.24 0.00	52.93 -0.11 0.00	45.97 -0.32 0.00	44.38 -0.22 0.00	43.77 -0.13 0.00	44.35 -0.13 0.00	44.62 0.00 0.00	49.19 0.15 0.00	57.25 0.45 0.00	79.21 0.70 0.00	96.05 1.14 0.00	90.86 0.64 0.00	71.85 0.64 0.00	57.17 0.45 0.00	52.67 0.26 0.00	48.99 0.15 0.00
ALCOA_PA_115KV_PL-6C 55860	45.86 0.99 0.00	44.97 1.01 0.00	42.99 0.97 0.00	42.27 1.03 0.00	44.03 0.99 0.00	47.72 1.21 0.00	74.26 1.67 0.00	96.87 0.67 0.00	81.72 1.68 0.00	54.20 1.17 0.00	47.31 1.02 0.00	45.63 1.03 0.00	44.82 0.92 0.00	45.33 0.85 0.00	45.42 0.80 0.00	49.88 0.83 0.00	57.59 0.80 0.00	79.76 1.26 0.00	95.38 0.47 0.00	91.67 1.44 0.00	72.42 1.21 0.00	57.74 1.02 0.00	53.51 1.10 0.00	49.91 1.07 0.00
ALCOA_RYNLDS___DRP 24188	45.86 0.99 0.00	44.97 1.01 0.00	42.99 0.97 0.00	42.27 1.03 0.00	44.03 0.99 0.00	47.72 1.21 0.00	74.26 1.67 0.00	96.87 0.67 0.00	81.72 1.68 0.00	54.20 1.17 0.00	47.31 1.02 0.00	45.63 1.03 0.00	44.82 0.92 0.00	45.33 0.85 0.00	45.42 0.80 0.00	49.88 0.83 0.00	57.59 0.80 0.00	79.76 1.26 0.00	95.38 0.47 0.00	91.67 1.44 0.00	72.42 1.21 0.00	57.74 1.02 0.00	53.51 1.10 0.00	49.91 1.07 0.00
ALCOA___DSASP 323711	45.86 0.99 0.00	44.97 1.01 0.00	42.99 0.97 0.00	42.27 1.03 0.00	44.03 0.99 0.00	47.72 1.21 0.00	74.26 1.67 0.00	96.88 0.68 0.00	81.72 1.68 0.00	54.20 1.17 0.00	47.31 1.02 0.00	45.63 1.03 0.00	44.82 0.92 0.00	45.33 0.84 0.00	45.43 0.80 0.00	49.88 0.83 0.00	57.70 0.91 0.00	79.75 1.25 0.00	95.48 0.57 0.00	91.67 1.44 0.00	72.35 1.14 0.00	57.74 1.02 0.00	53.51 1.10 0.00	49.82 0.98 0.00
ALLEGHENY___COGEN 23514	46.04 1.16 0.00	45.23 1.28 0.00	43.45 1.43 0.00	42.35 1.11 0.00	44.33 1.29 0.00	46.47 -0.05 0.00	71.51 -1.09 0.00	93.78 -2.40 0.01	76.33 -3.68 0.03	50.70 -2.33 0.00	44.21 -2.08 0.00	43.49 -1.11 0.00	42.54 -1.36 0.00	43.15 -1.33 0.00	43.10 -1.52 0.00	47.23 -1.81 0.00	54.49 -2.27 0.04	73.23 -3.84 1.42	88.75 -3.70 2.45	84.46 -3.52 2.25	66.84 -3.56 0.81	53.67 -3.01 0.04	49.92 -2.46 0.03	46.93 -1.91 0.00
ALTAMONT_115KV_TB 2 55880	45.37 0.49 0.00	44.35 0.40 0.00	42.40 0.38 0.00	41.61 0.37 0.00	43.43 0.39 0.00	46.88 0.37 0.00	73.39 0.80 0.00	97.93 1.73 0.00	80.60 0.56 0.00	53.24 0.21 0.00	46.38 0.09 0.00	44.78 0.18 0.00	44.17 0.26 0.00	44.75 0.27 0.00	44.98 0.36 0.00	49.49 0.44 0.00	57.42 0.62 0.00	79.29 0.79 0.00	96.14 1.23 0.00	91.04 0.81 0.00	72.00 0.78 0.00	57.34 0.62 0.00	52.88 0.47 0.00	49.18 0.34 0.00
ALTONA_WT_PWR 323606	45.64 0.76 0.00	44.75 0.79 0.00	42.78 0.76 0.00	42.11 0.87 0.00	43.86 0.82 0.00	47.25 0.74 0.00	72.96 0.36 0.00	95.53 -0.67 0.00	80.44 0.40 0.00	53.56 0.53 0.00	46.89 0.60 0.00	45.27 0.67 0.00	44.43 0.53 0.00	44.93 0.44 0.00	45.02 0.40 0.00	49.48 0.44 0.00	57.02 0.23 0.00	78.50 0.00 0.00	94.43 -0.47 0.00	90.32 0.09 0.00	71.21 0.00 0.00	56.89 0.17 0.00	52.99 0.58 0.00	49.33 0.49 0.00
AMERICAN_REF_FUEL 24010	43.53 -1.35 0.00	42.90 -1.06 0.00	41.30 -0.71 0.00	40.13 -1.11 0.00	41.92 -1.12 0.00	45.16 -1.35 0.00	65.99 -6.61 0.00	85.80 -10.39 0.01	70.65 -9.36 0.02	48.47 -4.56 0.00	43.01 -3.29 0.00	41.03 -3.57 0.00	40.30 -3.60 0.00	40.70 -3.78 0.00	40.56 -4.06 0.00	44.09 -4.95 0.00	49.34 -7.44 0.02	67.71 -9.34 1.45	80.54 -11.87 2.50	77.01 -10.92 2.30	61.08 -9.40 0.74	49.43 -7.26 0.02	46.99 -5.40 0.02	44.98 -3.86 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	44.11 -0.76 0.00	43.56 -0.40 0.00	41.89 -0.13 0.00	40.75 -0.49 0.00	42.65 -0.39 0.00	45.86 -0.65 0.00	69.18 -3.41 0.00	89.94 -6.25 0.01	73.93 -6.09 0.03	50.33 -2.70 0.00	44.58 -1.71 0.00	42.59 -2.01 0.00	41.84 -2.06 0.00	42.30 -2.18 0.00	42.17 -2.45 0.00	45.76 -3.29 0.00	52.45 -4.32 0.03	71.41 -5.65 1.44	85.78 -6.65 2.48	81.00 -6.95 2.28	64.45 -6.05 0.71	51.81 -4.88 0.03	48.04 -4.35 0.03	45.37 -3.47 0.00
ARTHUR KILL_GT_1 23520	47.57 2.69 0.00	46.46 2.51 0.00	44.25 2.23 0.00	43.59 2.35 0.00	45.45 2.41 0.00	49.02 2.51 0.00	77.32 4.72 -0.01	104.28 8.08 0.00	84.68 4.64 0.00	56.43 3.39 0.00	49.30 3.01 0.00	47.63 3.03 0.00	47.06 3.16 0.00	47.69 3.20 0.00	48.06 3.44 0.00	52.62 3.58 0.00	60.89 4.09 0.00	83.10 4.87 0.27	100.70 6.26 0.47	95.48 5.68 0.43	75.47 4.34 0.08	60.69 3.97 -0.01	55.92 3.51 0.00	51.82 2.98 0.00
ARTHUR_KILL_2 23512	47.49 2.60 -0.01	46.47 2.50 -0.01	44.21 2.18 -0.01	43.51 2.27 -0.01	45.33 2.28 -0.01	48.94 2.42 -0.01	77.10 4.50 -0.01	103.99 7.79 0.00	84.52 4.48 0.00	56.27 3.24 0.00	49.21 2.92 0.00	47.46 2.86 0.00	46.93 3.03 0.00	47.55 3.07 0.00	47.92 3.30 0.00	52.43 3.38 0.00	60.77 3.97 0.00	82.87 4.63 0.26	100.32 5.89 0.47	95.38 5.60 0.44	75.33 4.20 0.09	60.58 3.86 -0.01	55.82 3.40 -0.01	51.83 2.98 -0.01
ARTHUR_KILL_3 23513	46.90 2.02 0.00	45.84 1.89 0.00	43.53 1.51 0.00	42.85 1.61 0.00	44.59 1.55 0.00	48.23 1.72 0.00	76.15 3.56 0.00	102.74 6.54 0.00	84.04 4.00 0.00	55.79 2.76 0.00	48.88 2.59 0.00	47.14 2.54 0.00	46.58 2.68 0.00	47.20 2.71 0.00	47.48 2.86 0.00	51.89 2.84 0.00	60.15 3.35 0.00	82.23 4.00 0.27	99.75 5.31 0.47	94.76 4.96 0.43	74.89 3.77 0.09	59.66 2.95 0.00	54.93 2.52 0.00	51.14 2.30 0.00

ARTHUR_KILL_COGEN 323718	47.62 2.74 -0.01	46.56 2.59 -0.01	44.34 2.31 -0.01	43.60 2.35 -0.01	45.46 2.41 -0.01	49.08 2.56 -0.01	77.32 4.72 -0.01	104.28 8.08 0.00	84.68 4.64 0.00	56.43 3.40 0.00	49.30 3.01 0.00	47.59 2.99 0.00	47.02 3.12 0.00	47.64 3.16 0.00	48.01 3.39 0.00	52.58 3.53 0.00	60.94 4.14 0.00	83.11 4.87 0.26	100.69 6.26 0.47	95.65 5.86 0.44	75.54 4.42 0.09	60.75 4.03 -0.01	55.99 3.57 -0.01	51.93 3.08 -0.01
ASHOKAN____ 23654	46.45 1.57 0.00	45.32 1.36 0.00	43.19 1.17 0.00	42.44 1.20 0.00	44.25 1.20 0.00	47.67 1.16 0.00	75.35 2.76 0.00	101.39 5.19 0.00	82.44 2.40 0.00	53.99 0.96 0.00	46.57 0.28 0.00	44.69 0.09 0.00	44.08 0.18 0.00	44.75 0.27 0.00	44.98 0.36 0.00	49.43 0.39 0.00	58.10 1.31 0.00	80.78 2.51 0.24	98.77 4.27 0.41	93.46 3.61 0.38	73.69 2.56 0.08	58.58 1.87 0.00	54.04 1.63 0.00	50.01 1.17 0.00
ASTORIA_EAST_ENERGY_CC1 323581	47.16 2.29 0.01	46.10 2.15 0.01	43.82 1.81 0.01	43.09 1.86 0.01	44.88 1.85 0.01	48.46 1.95 0.01	76.14 3.56 0.01	102.82 6.63 0.01	83.72 3.68 0.01	55.78 2.76 0.01	48.64 2.36 0.01	46.91 2.32 0.01	46.39 2.50 0.01	46.96 2.49 0.01	47.29 2.68 0.01	51.73 2.70 0.01	59.80 3.01 0.01	81.44 3.22 0.28	98.71 4.27 0.47	93.75 3.97 0.44	74.10 2.99 0.10	59.65 2.95 0.01	55.08 2.67 0.01	51.22 2.39 0.01
ASTORIA_EAST_ENERGY_CC2 323582	47.11 2.24 0.01	46.06 2.11 0.01	43.78 1.76 0.01	43.09 1.86 0.01	44.84 1.81 0.01	48.46 1.95 0.01	76.07 3.48 0.01	102.73 6.54 0.01	83.64 3.61 0.01	55.73 2.70 0.01	48.60 2.31 0.01	46.91 2.32 0.01	46.39 2.50 0.01	46.96 2.49 0.01	47.29 2.68 0.01	51.68 2.65 0.01	59.74 2.95 0.01	81.44 3.22 0.28	98.60 4.17 0.47	93.67 3.88 0.44	74.03 2.92 0.10	59.65 2.95 0.01	55.02 2.62 0.01	51.22 2.39 0.01
ASTORIA_GT2_1 24094	47.10 2.24 0.02	45.96 2.02 0.02	43.73 1.72 0.02	43.08 1.86 0.02	44.88 1.85 0.02	48.40 1.91 0.02	76.14 3.56 0.01	102.83 6.64 0.01	83.71 3.68 0.01	55.78 2.76 0.01	48.65 2.36 0.00	46.96 2.36 0.00	46.45 2.55 0.00	47.02 2.54 0.00	47.34 2.72 0.00	51.79 2.75 0.00	59.75 2.95 0.00	81.45 3.22 0.27	98.71 4.27 0.47	93.58 3.79 0.43	74.04 2.92 0.10	59.66 2.95 0.01	55.02 2.62 0.02	51.12 2.30 0.02
ASTORIA_GT2_2 24095	47.10 2.24 0.02	45.96 2.02 0.02	43.73 1.72 0.02	43.08 1.86 0.02	44.88 1.85 0.02	48.40 1.91 0.02	76.14 3.56 0.01	102.83 6.64 0.01	83.71 3.68 0.01	55.78 2.76 0.01	48.65 2.36 0.00	46.96 2.36 0.00	46.45 2.55 0.00	47.02 2.54 0.00	47.34 2.72 0.00	51.79 2.75 0.00	59.75 2.95 0.00	81.45 3.22 0.27	98.71 4.27 0.47	93.58 3.79 0.43	74.04 2.92 0.10	59.66 2.95 0.01	55.02 2.62 0.02	51.12 2.30 0.02
ASTORIA_GT2_3 24096	47.10 2.24 0.02	45.96 2.02 0.02	43.73 1.72 0.02	43.08 1.86 0.02	44.88 1.85 0.02	48.40 1.91 0.02	76.14 3.56 0.01	102.83 6.64 0.01	83.71 3.68 0.01	55.78 2.76 0.01	48.65 2.36 0.00	46.96 2.36 0.00	46.45 2.55 0.00	47.02 2.54 0.00	47.34 2.72 0.00	51.79 2.75 0.00	59.75 2.95 0.00	81.45 3.22 0.27	98.71 4.27 0.47	93.58 3.79 0.43	74.04 2.92 0.10	59.66 2.95 0.01	55.02 2.62 0.02	51.12 2.30 0.02
ASTORIA_GT2_4 24097	47.10 2.24 0.02	45.96 2.02 0.02	43.73 1.72 0.02	43.08 1.86 0.02	44.88 1.85 0.02	48.40 1.91 0.02	76.14 3.56 0.01	102.83 6.64 0.01	83.71 3.68 0.01	55.78 2.76 0.01	48.65 2.36 0.00	46.96 2.36 0.00	46.45 2.55 0.00	47.02 2.54 0.00	47.34 2.72 0.00	51.79 2.75 0.00	59.75 2.95 0.00	81.45 3.22 0.27	98.71 4.27 0.47	93.58 3.79 0.43	74.04 2.92 0.10	59.66 2.95 0.01	55.02 2.62 0.02	51.12 2.30 0.02
ASTORIA_GT3_1 24098	47.10 2.24 0.02	45.96 2.02 0.02	43.73 1.72 0.02	43.08 1.86 0.02	44.88 1.85 0.02	48.40 1.91 0.02	76.14 3.56 0.01	102.83 6.64 0.01	83.71 3.68 0.01	55.78 2.76 0.01	48.65 2.36 0.00	46.96 2.36 0.00	46.45 2.55 0.00	47.02 2.54 0.00	47.34 2.72 0.00	51.79 2.75 0.00	59.75 2.95 0.00	81.45 3.22 0.27	98.71 4.27 0.47	93.58 3.79 0.43	74.04 2.92 0.10	59.66 2.95 0.01	55.02 2.62 0.02	51.12 2.30 0.02
ASTORIA_GT3_2 24099	47.10 2.24 0.02	45.96 2.02 0.02	43.73 1.72 0.02	43.08 1.86 0.02	44.88 1.85 0.02	48.40 1.91 0.02	76.14 3.56 0.01	102.83 6.64 0.01	83.71 3.68 0.01	55.78 2.76 0.01	48.65 2.36 0.00	46.96 2.36 0.00	46.45 2.55 0.00	47.02 2.54 0.00	47.34 2.72 0.00	51.79 2.75 0.00	59.75 2.95 0.00	81.45 3.22 0.27	98.71 4.27 0.47	93.58 3.79 0.43	74.04 2.92 0.10	59.66 2.95 0.01	55.02 2.62 0.02	51.12 2.30 0.02
ASTORIA_GT3_3 24100	47.10 2.24 0.02	45.96 2.02 0.02	43.73 1.72 0.02	43.08 1.86 0.02	44.88 1.85 0.02	48.40 1.91 0.02	76.14 3.56 0.01	102.83 6.64 0.01	83.71 3.68 0.01	55.78 2.76 0.01	48.65 2.36 0.00	46.96 2.36 0.00	46.45 2.55 0.00	47.02 2.54 0.00	47.34 2.72 0.00	51.79 2.75 0.00	59.75 2.95 0.00	81.45 3.22 0.27	98.71 4.27 0.47	93.58 3.79 0.43	74.04 2.92 0.10	59.66 2.95 0.01	55.02 2.62 0.02	51.12 2.30 0.02
ASTORIA_GT3_4 24101	47.10 2.24 0.02	45.96 2.02 0.02	43.73 1.72 0.02	43.08 1.86 0.02	44.88 1.85 0.02	48.40 1.91 0.02	76.14 3.56 0.01	102.83 6.64 0.01	83.71 3.68 0.01	55.78 2.76 0.01	48.65 2.36 0.00	46.96 2.36 0.00	46.45 2.55 0.00	47.02 2.54 0.00	47.34 2.72 0.00	51.79 2.75 0.00	59.75 2.95 0.00	81.45 3.22 0.27	98.71 4.27 0.47	93.58 3.79 0.43	74.04 2.92 0.10	59.66 2.95 0.01	55.02 2.62 0.02	51.12 2.30 0.02
ASTORIA_GT4_1 24102	47.10 2.24 0.02	45.96 2.02 0.02	43.73 1.72 0.02	43.08 1.86 0.02	44.88 1.85 0.02	48.40 1.91 0.02	76.14 3.56 0.01	102.83 6.64 0.01	83.71 3.68 0.01	55.78 2.76 0.01	48.65 2.36 0.00	46.96 2.36 0.00	46.45 2.55 0.00	47.02 2.54 0.00	47.34 2.72 0.00	51.79 2.75 0.00	59.75 2.95 0.00	81.45 3.22 0.27	98.71 4.27 0.47	93.58 3.79 0.43	74.04 2.92 0.10	59.66 2.95 0.01	55.02 2.62 0.02	51.12 2.30 0.02
ASTORIA_GT4_2 24103	47.10 2.24 0.02	45.96 2.02 0.02	43.73 1.72 0.02	43.08 1.86 0.02	44.88 1.85 0.02	48.40 1.91 0.02	76.14 3.56 0.01	102.83 6.64 0.01	83.71 3.68 0.01	55.78 2.76 0.01	48.65 2.36 0.00	46.96 2.36 0.00	46.45 2.55 0.00	47.02 2.54 0.00	47.34 2.72 0.00	51.79 2.75 0.00	59.75 2.95 0.00	81.45 3.22 0.27	98.71 4.27 0.47	93.58 3.79 0.43	74.04 2.92 0.10	59.66 2.95 0.01	55.02 2.62 0.02	51.12 2.30 0.02
ASTORIA_GT4_3 24104	47.10 2.24 0.02	45.96 2.02 0.02	43.73 1.72 0.02	43.08 1.86 0.02	44.88 1.85 0.02	48.40 1.91 0.02	76.14 3.56 0.01	102.83 6.64 0.01	83.71 3.68 0.01	55.78 2.76 0.01	48.65 2.36 0.00	46.96 2.36 0.00	46.45 2.55 0.00	47.02 2.54 0.00	47.34 2.72 0.00	51.79 2.75 0.00	59.75 2.95 0.00	81.45 3.22 0.27	98.71 4.27 0.47	93.58 3.79 0.43	74.04 2.92 0.10	59.66 2.95 0.01	55.02 2.62 0.02	51.12 2.30 0.02

ASTORIA_GT4_4 24105	47.10 2.24 0.02	45.96 2.02 0.02	43.73 1.72 0.02	43.08 1.86 0.02	44.88 1.85 0.02	48.40 1.91 0.02	76.14 3.56 0.01	102.83 6.64 0.01	83.71 3.68 0.01	55.78 2.76 0.01	48.65 2.36 0.00	46.96 2.36 0.00	46.45 2.55 0.00	47.02 2.54 0.00	47.34 2.72 0.00	51.79 2.75 0.00	59.75 2.95 0.00	81.45 3.22 0.27	98.71 4.27 0.47	93.58 3.79 0.43	74.04 2.92 0.10	59.66 2.95 0.01	55.02 2.62 0.02	51.12 2.30 0.02
ASTORIA_GT_1 23523	47.15 2.29 0.02	46.05 2.11 0.02	43.81 1.81 0.02	43.12 1.90 0.02	44.92 1.89 0.02	48.50 2.00 0.02	76.29 3.70 0.01	103.02 6.83 0.01	83.88 3.84 0.01	55.89 2.86 0.01	48.70 2.41 0.00	47.05 2.45 0.00	46.54 2.63 0.00	47.11 2.62 0.00	47.39 2.77 0.00	51.89 2.84 0.00	59.86 3.07 0.00	81.60 3.38 0.27	98.90 4.46 0.47	93.76 3.97 0.43	74.18 3.06 0.10	59.77 3.06 0.01	55.12 2.73 0.02	51.22 2.39 0.02
ASTORIA_GT_10 24110	47.21 2.33 0.00	46.11 2.15 0.00	43.87 1.85 0.00	43.22 1.98 0.00	45.02 1.98 0.00	48.60 2.09 0.00	76.29 3.70 0.00	103.12 6.93 0.00	84.04 4.00 0.00	56.06 3.02 0.00	49.02 2.73 0.00	47.32 2.72 0.00	46.76 2.85 0.00	47.37 2.89 0.00	47.70 3.08 0.00	52.18 3.14 0.00	60.15 3.35 0.00	82.00 3.77 0.27	99.37 4.94 0.47	94.22 4.42 0.43	74.53 3.42 0.10	59.89 3.18 0.00	55.24 2.83 0.00	51.33 2.49 0.00
ASTORIA_GT_11 24225	47.21 2.33 0.00	46.11 2.15 0.00	43.87 1.85 0.00	43.22 1.98 0.00	45.02 1.98 0.00	48.60 2.09 0.00	76.29 3.70 0.00	103.12 6.93 0.00	84.04 4.00 0.00	56.06 3.02 0.00	49.02 2.73 0.00	47.32 2.72 0.00	46.76 2.85 0.00	47.37 2.89 0.00	47.70 3.08 0.00	52.18 3.14 0.00	60.15 3.35 0.00	82.00 3.77 0.27	99.37 4.94 0.47	94.22 4.42 0.43	74.53 3.42 0.10	59.89 3.18 0.00	55.24 2.83 0.00	51.33 2.49 0.00
ASTORIA_GT_12 24226	47.21 2.33 0.00	46.11 2.15 0.00	43.87 1.85 0.00	43.22 1.98 0.00	45.02 1.98 0.00	48.60 2.09 0.00	76.29 3.70 0.00	103.12 6.93 0.00	84.04 4.00 0.00	56.06 3.02 0.00	49.02 2.73 0.00	47.32 2.72 0.00	46.76 2.85 0.00	47.37 2.89 0.00	47.70 3.08 0.00	52.18 3.14 0.00	60.15 3.35 0.00	82.00 3.77 0.27	99.37 4.94 0.47	94.22 4.42 0.43	74.53 3.42 0.10	59.89 3.18 0.00	55.24 2.83 0.00	51.33 2.49 0.00
ASTORIA_GT_13 24227	47.21 2.33 0.00	46.11 2.15 0.00	43.87 1.85 0.00	43.22 1.98 0.00	45.02 1.98 0.00	48.60 2.09 0.00	76.29 3.70 0.00	103.12 6.93 0.00	84.04 4.00 0.00	56.06 3.02 0.00	49.02 2.73 0.00	47.32 2.72 0.00	46.76 2.85 0.00	47.37 2.89 0.00	47.70 3.08 0.00	52.18 3.14 0.00	60.15 3.35 0.00	82.00 3.77 0.27	99.37 4.94 0.47	94.22 4.42 0.43	74.53 3.42 0.10	59.89 3.18 0.00	55.24 2.83 0.00	51.33 2.49 0.00
ASTORIA_GT_5 24106	47.15 2.29 0.02	46.05 2.11 0.02	43.81 1.81 0.02	43.12 1.90 0.02	44.92 1.89 0.02	48.50 2.00 0.02	76.29 3.70 0.01	103.02 6.83 0.01	83.88 3.84 0.01	55.89 2.86 0.01	48.70 2.41 0.00	47.05 2.45 0.00	46.54 2.63 0.00	47.11 2.62 0.00	47.39 2.77 0.00	51.89 2.84 0.00	59.86 3.07 0.00	81.60 3.38 0.27	98.90 4.46 0.47	93.76 3.97 0.43	74.18 3.06 0.10	59.77 3.06 0.01	55.12 2.73 0.02	51.22 2.39 0.02
ASTORIA_GT_7 24107	47.15 2.29 0.02	46.05 2.11 0.02	43.81 1.81 0.02	43.12 1.90 0.02	44.92 1.89 0.02	48.50 2.00 0.02	76.29 3.70 0.01	103.02 6.83 0.01	83.88 3.84 0.01	55.89 2.86 0.01	48.70 2.41 0.00	47.05 2.45 0.00	46.54 2.63 0.00	47.11 2.62 0.00	47.39 2.77 0.00	51.89 2.84 0.00	59.86 3.07 0.00	81.60 3.38 0.27	98.90 4.46 0.47	93.76 3.97 0.43	74.18 3.06 0.10	59.77 3.06 0.01	55.12 2.73 0.02	51.22 2.39 0.02
ASTORIA_GT_8 24108	47.15 2.29 0.02	46.05 2.11 0.02	43.81 1.81 0.02	43.12 1.90 0.02	44.92 1.89 0.02	48.50 2.00 0.02	76.29 3.70 0.01	103.02 6.83 0.01	83.88 3.84 0.01	55.89 2.86 0.01	48.70 2.41 0.00	47.05 2.45 0.00	46.54 2.63 0.00	47.11 2.62 0.00	47.39 2.77 0.00	51.89 2.84 0.00	59.86 3.07 0.00	81.60 3.38 0.27	98.90 4.46 0.47	93.76 3.97 0.43	74.18 3.06 0.10	59.77 3.06 0.01	55.12 2.73 0.02	51.22 2.39 0.02
ASTORIA___2 24149	47.16 2.29 0.01	46.10 2.15 0.01	43.82 1.81 0.01	43.09 1.86 0.01	44.88 1.85 0.01	48.46 1.95 0.01	76.14 3.56 0.01	102.82 6.63 0.01	83.72 3.68 0.01	55.78 2.76 0.01	48.64 2.36 0.01	46.91 2.32 0.01	46.39 2.50 0.01	46.96 2.49 0.01	47.29 2.68 0.01	51.73 2.70 0.01	59.80 3.01 0.01	81.44 3.22 0.28	98.71 4.27 0.47	93.75 3.97 0.44	74.10 2.99 0.10	59.65 2.95 0.01	55.08 2.67 0.01	51.22 2.39 0.01
ASTORIA___3 23516	47.26 2.38 -0.01	46.20 2.24 -0.01	43.96 1.93 -0.01	43.23 1.98 -0.01	45.03 1.98 -0.01	48.66 2.14 -0.01	76.29 3.70 0.00	103.13 6.93 0.00	84.04 4.00 0.00	56.00 2.97 0.00	49.02 2.73 0.00	47.28 2.68 0.00	46.75 2.85 0.00	47.33 2.85 0.00	47.66 3.04 0.00	52.09 3.04 0.00	60.20 3.41 0.00	82.00 3.77 0.27	99.27 4.84 0.47	94.30 4.51 0.44	74.53 3.42 0.10	59.89 3.17 0.00	55.30 2.88 -0.01	51.48 2.64 -0.01
ASTORIA___4 23517	47.21 2.33 0.00	46.11 2.15 0.00	43.87 1.85 0.00	43.22 1.98 0.00	45.02 1.98 0.00	48.60 2.09 0.00	76.29 3.70 0.00	103.12 6.93 0.00	84.04 4.00 0.00	56.06 3.02 0.00	49.02 2.73 0.00	47.32 2.72 0.00	46.76 2.85 0.00	47.37 2.89 0.00	47.70 3.08 0.00	52.18 3.14 0.00	60.15 3.35 0.00	82.00 3.77 0.27	99.37 4.94 0.47	94.22 4.42 0.43	74.53 3.42 0.10	59.89 3.18 0.00	55.24 2.83 0.00	51.33 2.49 0.00
ASTORIA___5 23518	47.26 2.38 -0.01	46.20 2.24 -0.01	43.96 1.93 -0.01	43.23 1.98 -0.01	45.03 1.98 -0.01	48.66 2.14 -0.01	76.29 3.70 0.00	103.13 6.93 0.00	84.04 4.00 0.00	56.00 2.97 0.00	49.02 2.73 0.00	47.28 2.68 0.00	46.75 2.85 0.00	47.33 2.85 0.00	47.66 3.04 0.00	52.09 3.04 0.00	60.20 3.41 0.00	82.00 3.77 0.27	99.27 4.84 0.47	94.30 4.51 0.44	74.53 3.42 0.10	59.89 3.17 0.00	55.30 2.88 -0.01	51.48 2.64 -0.01
AST_ENERGY_2_CC3 323677	37.59 1.84 9.13	36.89 1.67 8.74	35.41 1.34 7.95	35.41 1.44 7.27	35.41 1.38 9.01	39.33 1.49 8.67	55.94 2.83 19.48	88.72 5.67 13.15	57.90 2.88 25.02	40.16 2.23 15.10	36.01 1.90 12.18	36.01 1.87 10.46	36.01 2.06 9.96	36.01 2.05 10.52	36.01 2.27 10.89	36.01 2.21 15.24	36.01 2.44 23.23	55.64 2.51 25.38	72.63 3.32 25.60	67.62 3.07 25.68	48.28 2.28 25.22	41.71 2.44 17.44	36.01 2.15 18.55	38.49 1.90 12.25
AST_ENERGY_2_CC4 323678	37.59 1.84 9.13	36.89 1.67 8.74	35.41 1.34 7.95	35.41 1.44 7.27	35.41 1.38 9.01	39.33 1.49 8.67	55.94 2.83 19.48	88.72 5.67 13.15	57.90 2.88 25.02	40.16 2.23 15.10	36.01 1.90 12.18	36.01 1.87 10.46	36.01 2.06 9.96	36.01 2.05 10.52	36.01 2.27 10.89	36.01 2.21 15.24	36.01 2.44 23.23	55.64 2.51 25.38	72.63 3.32 25.60	67.62 3.07 25.68	48.28 2.28 25.22	41.71 2.44 17.44	36.01 2.15 18.55	38.49 1.90 12.25

ATHENS_STG_1 23668	45.95 1.08 0.00	44.97 1.01 0.00	42.90 0.88 0.00	42.15 0.91 0.00	43.99 0.95 0.00	47.44 0.93 0.00	74.41 1.82 0.00	99.66 3.46 0.00	81.72 1.68 0.00	54.04 1.01 0.00	47.17 0.88 0.00	45.49 0.89 0.00	44.87 0.96 0.00	45.46 0.98 0.00	45.69 1.07 0.00	50.17 1.13 0.00	58.27 1.47 0.00	80.06 1.81 0.25	96.85 2.37 0.43	91.90 2.08 0.40	72.83 1.71 0.09	58.07 1.36 0.00	53.56 1.15 0.00	49.82 0.98 0.00
ATHENS_STG_2 23670	45.95 1.08 0.00	44.97 1.01 0.00	42.90 0.88 0.00	42.15 0.91 0.00	43.99 0.95 0.00	47.44 0.93 0.00	74.41 1.82 0.00	99.66 3.46 0.00	81.72 1.68 0.00	54.04 1.01 0.00	47.17 0.88 0.00	45.49 0.89 0.00	44.87 0.96 0.00	45.46 0.98 0.00	45.69 1.07 0.00	50.17 1.13 0.00	58.27 1.47 0.00	80.06 1.81 0.25	96.85 2.37 0.43	91.90 2.08 0.40	72.83 1.71 0.09	58.07 1.36 0.00	53.56 1.15 0.00	49.82 0.98 0.00
ATHENS_STG_3 23677	45.95 1.08 0.00	44.97 1.01 0.00	42.90 0.88 0.00	42.15 0.91 0.00	43.99 0.95 0.00	47.44 0.93 0.00	74.41 1.82 0.00	99.66 3.46 0.00	81.72 1.68 0.00	54.04 1.01 0.00	47.17 0.88 0.00	45.49 0.89 0.00	44.87 0.96 0.00	45.46 0.98 0.00	45.69 1.07 0.00	50.17 1.13 0.00	58.27 1.47 0.00	80.06 1.81 0.25	96.85 2.37 0.43	91.90 2.08 0.40	72.83 1.71 0.09	58.07 1.36 0.00	53.56 1.15 0.00	49.82 0.98 0.00
AUBURN___LFGE 323710	44.79 -0.09 0.00	43.87 -0.09 0.00	41.93 -0.08 0.00	41.08 -0.16 0.00	42.91 -0.13 0.00	46.51 0.00 0.00	72.45 -0.15 0.00	96.59 0.38 0.00	79.65 -0.40 -0.01	52.77 -0.27 0.00	46.15 -0.14 0.00	44.24 -0.36 0.00	43.46 -0.44 0.00	44.08 -0.40 0.00	44.18 -0.45 0.00	48.50 -0.54 0.00	56.29 -0.51 -0.01	77.12 -0.47 0.91	93.16 -0.19 1.56	88.59 -0.18 1.46	70.62 -0.36 0.23	56.33 -0.40 -0.01	51.95 -0.47 -0.01	48.50 -0.34 0.00
BABYLON_RES_REC 323704	46.90 2.02 0.00	46.15 2.20 0.00	43.82 1.81 0.00	43.01 1.77 0.00	44.81 1.77 0.00	47.95 1.44 0.00	55.41 1.38 18.56	81.01 3.17 18.36	57.38 1.20 23.86	47.84 0.85 6.04	48.01 1.71 0.00	46.12 1.52 0.00	45.57 1.67 0.00	46.17 1.69 0.00	46.81 2.19 0.00	50.32 1.27 0.00	58.15 1.36 0.01	73.80 1.25 5.96	94.50 2.27 2.68	88.58 2.08 3.73	72.67 1.56 0.11	58.41 1.70 0.00	52.77 0.79 0.43	50.35 1.52 0.01
BALL_HILL_WT_PWR 323825	43.89 -0.99 0.00	43.30 -0.66 0.00	41.64 -0.38 0.00	40.50 -0.74 0.00	42.31 -0.73 0.00	45.53 -0.98 0.00	68.46 -4.13 0.00	89.07 -7.12 0.01	73.29 -6.72 0.02	49.90 -3.13 0.00	44.16 -2.13 0.00	42.19 -2.41 0.00	41.44 -2.46 0.00	41.86 -2.62 0.00	41.72 -2.90 0.00	45.31 -3.73 0.00	51.94 -4.83 0.02	70.77 -6.28 1.45	85.11 -7.31 2.48	80.72 -7.22 2.29	64.46 -6.05 0.70	51.81 -4.88 0.02	48.14 -4.24 0.02	45.57 -3.27 0.00
BARON_WINDS___WT_PWR 323822	44.47 -0.40 0.00	43.74 -0.22 0.00	41.98 -0.04 0.00	40.95 -0.29 0.00	42.83 -0.21 0.00	46.09 -0.42 0.00	70.49 -2.11 0.00	91.28 -4.90 0.01	74.71 -5.29 0.04	50.22 -2.81 0.00	44.16 -2.13 0.00	42.23 -2.37 0.00	41.44 -2.46 0.00	41.95 -2.53 0.00	41.85 -2.77 0.00	45.51 -3.53 0.00	52.77 -3.98 0.04	72.00 -5.10 1.40	87.09 -5.41 2.41	82.52 -5.51 2.20	65.86 -4.48 0.87	52.93 -3.74 0.04	48.75 -3.62 0.04	46.11 -2.73 0.00
BARRETT_IC_1 23704	46.90 2.02 0.00	46.07 2.11 0.00	43.74 1.72 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.00 1.49 0.00	54.56 1.88 19.92	80.73 4.23 19.70	56.52 2.08 25.60	48.10 1.54 6.48	48.55 2.18 -0.08	46.58 1.92 -0.06	46.01 2.11 0.00	46.66 2.09 -0.08	47.20 2.50 -0.08	50.89 1.76 -0.08	58.78 1.99 0.01	80.21 2.35 0.64	97.33 3.04 0.61	92.55 2.97 0.65	73.53 2.42 0.10	58.95 2.15 -0.08	53.74 1.36 0.03	50.35 1.52 0.01
BARRETT_IC_10 23701	46.90 2.02 0.00	46.07 2.11 0.00	43.74 1.72 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.00 1.49 0.00	54.56 1.88 19.92	80.73 4.23 19.70	56.52 2.08 25.60	48.10 1.54 6.48	48.55 2.18 -0.08	46.58 1.92 -0.06	46.01 2.11 0.00	46.66 2.09 -0.08	47.20 2.50 -0.08	50.89 1.76 -0.08	58.78 1.99 0.01	80.21 2.35 0.64	97.33 3.04 0.61	92.55 2.97 0.65	73.53 2.42 0.10	58.95 2.15 -0.08	53.74 1.36 0.03	50.35 1.52 0.01
BARRETT_IC_11 23702	46.90 2.02 0.00	46.07 2.11 0.00	43.74 1.72 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.00 1.49 0.00	54.56 1.88 19.92	80.73 4.23 19.70	56.52 2.08 25.60	48.10 1.54 6.48	48.55 2.18 -0.08	46.58 1.92 -0.06	46.01 2.11 0.00	46.66 2.09 -0.08	47.20 2.50 -0.08	50.89 1.76 -0.08	58.78 1.99 0.01	80.21 2.35 0.64	97.33 3.04 0.61	92.55 2.97 0.65	73.53 2.42 0.10	58.95 2.15 -0.08	53.74 1.36 0.03	50.35 1.52 0.01
BARRETT_IC_12 23703	46.90 2.02 0.00	46.07 2.11 0.00	43.74 1.72 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.00 1.49 0.00	54.56 1.88 19.92	80.73 4.23 19.70	56.52 2.08 25.60	48.10 1.54 6.48	48.55 2.18 -0.08	46.58 1.92 -0.06	46.01 2.11 0.00	46.66 2.09 -0.08	47.20 2.50 -0.08	50.89 1.76 -0.08	58.78 1.99 0.01	80.21 2.35 0.64	97.33 3.04 0.61	92.55 2.97 0.65	73.53 2.42 0.10	58.95 2.15 -0.08	53.74 1.36 0.03	50.35 1.52 0.01
BARRETT_IC_2 23705	46.90 2.02 0.00	46.07 2.11 0.00	43.74 1.72 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.00 1.49 0.00	54.56 1.88 19.92	80.73 4.23 19.70	56.52 2.08 25.60	48.10 1.54 6.48	48.55 2.18 -0.08	46.58 1.92 -0.06	46.01 2.11 0.00	46.66 2.09 -0.08	47.20 2.50 -0.08	50.89 1.76 -0.08	58.78 1.99 0.01	80.21 2.35 0.64	97.33 3.04 0.61	92.55 2.97 0.65	73.53 2.42 0.10	58.95 2.15 -0.08	53.74 1.36 0.03	50.35 1.52 0.01
BARRETT_IC_3 23706	46.90 2.02 0.00	46.07 2.11 0.00	43.74 1.72 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.00 1.49 0.00	54.56 1.88 19.92	80.73 4.23 19.70	56.52 2.08 25.60	48.10 1.54 6.48	48.55 2.18 -0.08	46.58 1.92 -0.06	46.01 2.11 0.00	46.66 2.09 -0.08	47.20 2.50 -0.08	50.89 1.76 -0.08	58.78 1.99 0.01	80.21 2.35 0.64	97.33 3.04 0.61	92.55 2.97 0.65	73.53 2.42 0.10	58.95 2.15 -0.08	53.74 1.36 0.03	50.35 1.52 0.01
BARRETT_IC_4 23707	46.90 2.02 0.00	46.07 2.11 0.00	43.74 1.72 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.00 1.49 0.00	54.56 1.88 19.92	80.73 4.23 19.70	56.52 2.08 25.60	48.10 1.54 6.48	48.55 2.18 -0.08	46.58 1.92 -0.06	46.01 2.11 0.00	46.66 2.09 -0.08	47.20 2.50 -0.08	50.89 1.76 -0.08	58.78 1.99 0.01	80.21 2.35 0.64	97.33 3.04 0.61	92.55 2.97 0.65	73.53 2.42 0.10	58.95 2.15 -0.08	53.74 1.36 0.03	50.35 1.52 0.01
BARRETT_IC_5 23708	46.90 2.02 0.00	46.07 2.11 0.00	43.74 1.72 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.00 1.49 0.00	54.56 1.88 19.92	80.73 4.23 19.70	56.52 2.08 25.60	48.10 1.54 6.48	48.55 2.18 -0.08	46.58 1.92 -0.06	46.01 2.11 0.00	46.66 2.09 -0.08	47.20 2.50 -0.08	50.89 1.76 -0.08	58.78 1.99 0.01	80.21 2.35 0.64	97.33 3.04 0.61	92.55 2.97 0.65	73.53 2.42 0.10	58.95 2.15 -0.08	53.74 1.36 0.03	50.35 1.52 0.01

BARRETT_IC_6 23709	46.90 2.02 0.00	46.07 2.11 0.00	43.74 1.72 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.00 1.49 0.00	54.56 1.88 19.92	80.73 4.23 19.70	56.52 2.08 25.60	48.10 1.54 6.48	48.55 2.18 -0.08	46.58 1.92 -0.06	46.01 2.11 0.00	46.66 2.09 -0.08	47.20 2.50 -0.08	50.89 1.76 -0.08	58.78 1.99 0.01	80.21 2.35 0.64	97.33 3.04 0.61	92.55 2.97 0.65	73.53 2.42 0.10	58.95 2.15 -0.08	53.74 1.36 0.03	50.35 1.52 0.01
BARRETT_IC_7 23710	46.76 1.88 0.00	45.89 1.93 0.00	43.70 1.68 0.00	42.97 1.73 0.00	44.76 1.72 0.00	47.86 1.35 0.00	54.64 1.96 19.92	80.73 4.23 19.70	56.52 2.08 25.60	48.10 1.54 6.48	48.55 2.18 -0.08	46.71 2.05 -0.06	46.18 2.28 0.00	46.66 2.09 -0.08	47.25 2.54 -0.08	50.94 1.81 -0.08	58.83 2.04 0.01	80.21 2.36 0.64	97.33 3.04 0.61	92.20 2.62 0.65	73.53 2.42 0.10	58.78 1.99 -0.08	53.74 1.36 0.03	50.10 1.27 0.01
BARRETT_IC_8 23711	46.90 2.02 0.00	46.07 2.11 0.00	43.74 1.72 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.00 1.49 0.00	54.56 1.88 19.92	80.73 4.23 19.70	56.52 2.08 25.60	48.10 1.54 6.48	48.55 2.18 -0.08	46.58 1.92 -0.06	46.01 2.11 0.00	46.66 2.09 -0.08	47.20 2.50 -0.08	50.89 1.76 -0.08	58.78 1.99 0.01	80.21 2.35 0.64	97.33 3.04 0.61	92.55 2.97 0.65	73.53 2.42 0.10	58.95 2.15 -0.08	53.74 1.36 0.03	50.35 1.52 0.01
BARRETT_IC_9 23700	46.90 2.02 0.00	46.07 2.11 0.00	43.74 1.72 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.00 1.49 0.00	54.56 1.88 19.92	80.73 4.23 19.70	56.52 2.08 25.60	48.10 1.54 6.48	48.55 2.18 -0.08	46.58 1.92 -0.06	46.01 2.11 0.00	46.66 2.09 -0.08	47.20 2.50 -0.08	50.89 1.76 -0.08	58.78 1.99 0.01	80.21 2.35 0.64	97.33 3.04 0.61	92.55 2.97 0.65	73.53 2.42 0.10	58.95 2.15 -0.08	53.74 1.36 0.03	50.35 1.52 0.01
BARRETT___1 23545	46.90 2.02 0.00	46.07 2.11 0.00	43.74 1.72 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.00 1.49 0.00	54.56 1.88 19.92	80.73 4.23 19.70	56.52 2.08 25.60	48.10 1.54 6.48	48.55 2.18 -0.08	46.58 1.92 -0.06	46.01 2.11 0.00	46.66 2.09 -0.08	47.20 2.50 -0.08	50.89 1.76 -0.08	58.78 1.99 0.01	80.21 2.35 0.64	97.33 3.04 0.61	92.55 2.97 0.65	73.53 2.42 0.10	58.95 2.15 -0.08	53.74 1.36 0.03	50.35 1.52 0.01
BARRETT___2 23546	46.90 2.02 0.00	46.07 2.11 0.00	43.74 1.72 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.00 1.49 0.00	54.56 1.88 19.92	80.73 4.23 19.70	56.52 2.08 25.60	48.10 1.54 6.48	48.55 2.18 -0.08	46.58 1.92 -0.06	46.01 2.11 0.00	46.66 2.09 -0.08	47.20 2.50 -0.08	50.89 1.76 -0.08	58.78 1.99 0.01	80.21 2.35 0.64	97.33 3.04 0.61	92.55 2.97 0.65	73.53 2.42 0.10	58.95 2.15 -0.08	53.74 1.36 0.03	50.35 1.52 0.01
BATAVIA__115KV_TB1 55881	44.79 -0.09 0.00	44.35 0.40 0.00	42.44 0.42 0.00	41.16 -0.08 0.00	43.00 -0.04 0.00	46.56 0.05 0.00	69.54 -3.05 0.00	91.09 -5.10 0.01	74.74 -5.28 0.02	50.81 -2.23 0.00	44.81 -1.48 0.00	42.64 -1.96 0.00	41.93 -1.98 0.00	42.21 -2.27 0.00	42.08 -2.54 0.00	45.86 -3.19 0.00	52.52 -4.26 0.02	71.78 -5.26 1.46	86.13 -6.26 2.51	82.68 -5.23 2.32	64.83 -5.70 0.69	52.27 -4.42 0.02	49.35 -3.04 0.02	46.69 -2.15 0.00
BAYONEEC___CTG1 323682	47.03 2.15 0.00	45.98 2.02 0.00	43.70 1.68 0.00	43.01 1.77 0.00	44.77 1.72 0.00	48.42 1.91 0.00	76.37 3.77 0.00	103.03 6.83 0.00	84.28 4.24 0.00	55.95 2.91 0.00	49.02 2.73 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.33 2.85 0.00	47.61 2.99 0.00	51.99 2.94 0.00	60.32 3.52 0.00	82.47 4.24 0.27	100.04 5.60 0.47	95.03 5.23 0.43	75.11 3.99 0.09	59.83 3.12 0.00	55.08 2.67 0.00	51.28 2.44 0.00
BAYONEEC___CTG10 323750	47.03 2.15 0.00	45.98 2.02 0.00	43.70 1.68 0.00	43.01 1.77 0.00	44.77 1.72 0.00	48.42 1.91 0.00	76.37 3.77 0.00	103.03 6.83 0.00	84.28 4.24 0.00	55.95 2.91 0.00	49.02 2.73 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.33 2.85 0.00	47.61 2.99 0.00	51.99 2.94 0.00	60.32 3.52 0.00	82.47 4.24 0.27	100.04 5.60 0.47	95.03 5.23 0.43	75.11 3.99 0.09	59.83 3.12 0.00	55.08 2.67 0.00	51.28 2.44 0.00
BAYONEEC___CTG2 323683	47.03 2.15 0.00	45.98 2.02 0.00	43.70 1.68 0.00	43.01 1.77 0.00	44.77 1.72 0.00	48.42 1.91 0.00	76.37 3.77 0.00	103.03 6.83 0.00	84.28 4.24 0.00	55.95 2.91 0.00	49.02 2.73 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.33 2.85 0.00	47.61 2.99 0.00	51.99 2.94 0.00	60.32 3.52 0.00	82.47 4.24 0.27	100.04 5.60 0.47	95.03 5.23 0.43	75.11 3.99 0.09	59.83 3.12 0.00	55.08 2.67 0.00	51.28 2.44 0.00
BAYONEEC___CTG3 323684	47.03 2.15 0.00	45.98 2.02 0.00	43.70 1.68 0.00	43.01 1.77 0.00	44.77 1.72 0.00	48.42 1.91 0.00	76.37 3.77 0.00	103.03 6.83 0.00	84.28 4.24 0.00	55.95 2.91 0.00	49.02 2.73 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.33 2.85 0.00	47.61 2.99 0.00	51.99 2.94 0.00	60.32 3.52 0.00	82.47 4.24 0.27	100.04 5.60 0.47	95.03 5.23 0.43	75.11 3.99 0.09	59.83 3.12 0.00	55.08 2.67 0.00	51.28 2.44 0.00
BAYONEEC___CTG4 323685	47.03 2.15 0.00	45.98 2.02 0.00	43.70 1.68 0.00	43.01 1.77 0.00	44.77 1.72 0.00	48.42 1.91 0.00	76.37 3.77 0.00	103.03 6.83 0.00	84.28 4.24 0.00	55.95 2.91 0.00	49.02 2.73 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.33 2.85 0.00	47.61 2.99 0.00	51.99 2.94 0.00	60.32 3.52 0.00	82.47 4.24 0.27	100.04 5.60 0.47	95.03 5.23 0.43	75.11 3.99 0.09	59.83 3.12 0.00	55.08 2.67 0.00	51.28 2.44 0.00
BAYONEEC___CTG5 323686	47.03 2.15 0.00	45.98 2.02 0.00	43.70 1.68 0.00	43.01 1.77 0.00	44.77 1.72 0.00	48.42 1.91 0.00	76.37 3.77 0.00	103.03 6.83 0.00	84.28 4.24 0.00	55.95 2.91 0.00	49.02 2.73 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.33 2.85 0.00	47.61 2.99 0.00	51.99 2.94 0.00	60.32 3.52 0.00	82.47 4.24 0.27	100.04 5.60 0.47	95.03 5.23 0.43	75.11 3.99 0.09	59.83 3.12 0.00	55.08 2.67 0.00	51.28 2.44 0.00
BAYONEEC___CTG6 323687	47.03 2.15 0.00	45.98 2.02 0.00	43.70 1.68 0.00	43.01 1.77 0.00	44.77 1.72 0.00	48.42 1.91 0.00	76.37 3.77 0.00	103.03 6.83 0.00	84.28 4.24 0.00	55.95 2.91 0.00	49.02 2.73 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.33 2.85 0.00	47.61 2.99 0.00	51.99 2.94 0.00	60.32 3.52 0.00	82.47 4.24 0.27	100.04 5.60 0.47	95.03 5.23 0.43	75.11 3.99 0.09	59.83 3.12 0.00	55.08 2.67 0.00	51.28 2.44 0.00
BAYONEEC___CTG7 323688	47.03 2.15 0.00	45.98 2.02 0.00	43.70 1.68 0.00	43.01 1.77 0.00	44.77 1.72 0.00	48.42 1.91 0.00	76.37 3.77 0.00	103.03 6.83 0.00	84.28 4.24 0.00	55.95 2.91 0.00	49.02 2.73 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.33 2.85 0.00	47.61 2.99 0.00	51.99 2.94 0.00	60.32 3.52 0.00	82.47 4.24 0.27	100.04 5.60 0.47	95.03 5.23 0.43	75.11 3.99 0.09	59.83 3.12 0.00	55.08 2.67 0.00	51.28 2.44 0.00

BAYONEEC___CTG8 323689	47.03 2.15 0.00	45.98 2.02 0.00	43.70 1.68 0.00	43.01 1.77 0.00	44.77 1.72 0.00	48.42 1.91 0.00	76.37 3.77 0.00	103.03 6.83 0.00	84.28 4.24 0.00	55.95 2.91 0.00	49.02 2.73 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.33 2.85 0.00	47.61 2.99 0.00	51.99 2.94 0.00	60.32 3.52 0.00	82.47 4.24 0.27	100.04 5.60 0.47	95.03 5.23 0.43	75.11 3.99 0.09	59.83 3.12 0.00	55.08 2.67 0.00	51.28 2.44 0.00
BAYONEEC___CTG9 323749	47.03 2.15 0.00	45.98 2.02 0.00	43.70 1.68 0.00	43.01 1.77 0.00	44.77 1.72 0.00	48.42 1.91 0.00	76.37 3.77 0.00	103.03 6.83 0.00	84.28 4.24 0.00	55.95 2.91 0.00	49.02 2.73 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.33 2.85 0.00	47.61 2.99 0.00	51.99 2.94 0.00	60.32 3.52 0.00	82.47 4.24 0.27	100.04 5.60 0.47	95.03 5.23 0.43	75.11 3.99 0.09	59.83 3.12 0.00	55.08 2.67 0.00	51.28 2.44 0.00
BEACON___LESR 323632	45.37 0.49 0.00	44.35 0.39 0.00	42.35 0.33 0.00	41.53 0.29 0.00	43.39 0.34 0.00	46.93 0.42 0.00	73.54 0.94 0.00	98.12 1.92 0.00	80.61 0.56 0.00	53.14 0.11 0.00	46.11 -0.18 0.00	44.51 -0.09 0.00	43.90 0.00 0.00	44.44 -0.04 0.00	44.71 0.09 0.00	49.34 0.30 0.00	57.48 0.68 0.00	79.60 1.10 0.00	96.52 1.61 0.00	91.32 1.09 0.00	72.21 1.00 0.00	57.40 0.68 0.00	52.94 0.52 0.00	49.18 0.34 0.00
BEAVER RIVER___HYD 24048	46.13 1.25 0.00	45.32 1.36 0.00	43.32 1.30 0.00	42.48 1.24 0.00	44.46 1.42 0.00	48.23 1.72 0.00	75.64 3.05 0.00	100.91 4.71 0.00	83.48 3.44 0.00	54.36 1.33 0.00	47.31 1.02 0.00	45.49 0.89 0.00	44.69 0.79 0.00	45.46 0.98 0.00	45.29 0.67 0.00	50.02 0.98 0.00	57.93 1.14 0.00	80.38 1.88 0.00	96.90 2.00 0.00	92.49 2.26 0.00	72.71 1.50 0.00	58.25 1.53 0.00	53.67 1.26 0.00	50.40 1.56 0.00
BEEBEE_GT_13 23619	44.43 -0.45 0.00	43.74 -0.22 0.00	41.85 -0.17 0.00	40.79 -0.45 0.00	42.61 -0.43 0.00	46.14 -0.37 0.00	70.63 -1.96 0.00	93.11 -3.08 0.00	76.75 -3.28 0.01	51.65 -1.38 0.00	45.41 -0.88 0.00	43.44 -1.16 0.00	42.72 -1.19 0.00	43.10 -1.38 0.00	43.02 -1.61 0.00	47.08 -1.96 0.00	54.00 -2.78 0.01	73.65 -3.38 1.47	88.10 -4.27 2.53	84.55 -3.34 2.34	66.66 -3.92 0.63	53.70 -3.01 0.01	50.46 -1.94 0.01	47.42 -1.42 0.00
BENSHRST_27_KV_BENSHRST_1 355998	47.57 2.69 0.00	46.42 2.46 0.00	44.16 2.14 0.00	43.51 2.27 0.00	45.32 2.28 0.00	48.93 2.42 0.00	77.03 4.43 -0.01	103.99 7.79 0.00	84.60 4.56 0.00	56.37 3.34 0.00	49.30 3.01 0.00	47.59 2.99 0.00	47.06 3.16 0.00	47.64 3.16 0.00	48.01 3.39 0.00	52.53 3.48 0.00	60.71 3.92 0.00	82.87 4.63 0.27	100.42 5.98 0.47	95.21 5.41 0.43	75.26 4.13 0.08	60.47 3.74 -0.01	55.82 3.41 0.00	51.77 2.93 0.00
BETHLEHEM___GRP 23843	44.70 -0.18 0.00	43.69 -0.26 0.00	41.72 -0.29 0.00	40.99 -0.25 0.00	42.78 -0.26 0.00	46.19 -0.33 0.00	72.38 -0.22 0.00	96.58 0.38 0.00	79.40 -0.64 0.00	52.40 -0.64 0.00	45.55 -0.74 0.00	44.02 -0.58 0.00	43.42 -0.48 0.00	43.99 -0.49 0.00	44.26 -0.36 0.00	48.75 -0.29 0.00	56.68 -0.11 0.00	78.35 -0.16 0.00	95.00 0.09 0.00	89.87 -0.36 0.00	71.07 -0.14 0.00	56.60 -0.11 0.00	52.20 -0.21 0.00	48.45 -0.39 0.00
BETHLEHEM___GS1 323560	44.70 -0.18 0.00	43.74 -0.22 0.00	41.77 -0.25 0.00	40.99 -0.25 0.00	42.79 -0.26 0.00	46.23 -0.28 0.00	72.38 -0.22 0.00	96.58 0.39 0.00	79.40 -0.64 0.00	52.40 -0.63 0.00	45.55 -0.74 0.00	43.98 -0.62 0.00	43.42 -0.48 0.00	43.95 -0.53 0.00	44.22 -0.40 0.00	48.75 -0.29 0.00	56.68 -0.11 0.00	78.35 -0.16 0.00	94.90 0.00 0.00	89.87 -0.36 0.00	71.07 -0.14 0.00	56.60 -0.11 0.00	52.20 -0.21 0.00	48.50 -0.34 0.00
BETHLEHEM___GS2 323561	44.70 -0.18 0.00	43.74 -0.22 0.00	41.77 -0.25 0.00	40.99 -0.25 0.00	42.79 -0.26 0.00	46.23 -0.28 0.00	72.38 -0.22 0.00	96.58 0.39 0.00	79.40 -0.64 0.00	52.40 -0.63 0.00	45.55 -0.74 0.00	43.98 -0.62 0.00	43.42 -0.48 0.00	43.95 -0.53 0.00	44.22 -0.40 0.00	48.75 -0.29 0.00	56.68 -0.11 0.00	78.35 -0.16 0.00	94.90 0.00 0.00	89.87 -0.36 0.00	71.07 -0.14 0.00	56.60 -0.11 0.00	52.20 -0.21 0.00	48.50 -0.34 0.00
BETHLEHEM___GS3 323562	44.70 -0.18 0.00	43.74 -0.22 0.00	41.77 -0.25 0.00	40.99 -0.25 0.00	42.79 -0.26 0.00	46.23 -0.28 0.00	72.38 -0.22 0.00	96.58 0.39 0.00	79.40 -0.64 0.00	52.40 -0.63 0.00	45.55 -0.74 0.00	43.98 -0.62 0.00	43.42 -0.48 0.00	43.95 -0.53 0.00	44.22 -0.40 0.00	48.75 -0.29 0.00	56.68 -0.11 0.00	78.35 -0.16 0.00	94.90 0.00 0.00	89.87 -0.36 0.00	71.07 -0.14 0.00	56.60 -0.11 0.00	52.20 -0.21 0.00	48.50 -0.34 0.00
BETHLEHEM___STEEL 23779	43.93 -0.94 0.00	43.56 -0.40 0.00	41.68 -0.34 0.00	40.42 -0.82 0.00	42.23 -0.82 0.00	45.49 -1.02 0.00	68.02 -4.57 0.00	88.59 -7.60 0.01	73.05 -6.96 0.02	49.80 -3.23 0.00	44.02 -2.27 0.00	41.92 -2.68 0.00	41.14 -2.77 0.00	41.50 -2.98 0.00	41.45 -3.17 0.00	45.02 -4.02 0.00	52.11 -4.66 0.03	70.61 -6.44 1.45	85.20 -7.21 2.50	80.80 -7.13 2.30	64.31 -6.20 0.71	51.75 -4.93 0.03	48.14 -4.25 0.02	45.62 -3.22 0.00
BETHLHEM_115KV_TB1 79974	44.88 0.00 0.00	43.82 -0.13 0.00	41.89 -0.13 0.00	41.12 -0.12 0.00	42.96 -0.09 0.00	46.37 -0.14 0.00	72.67 0.07 0.00	96.87 0.67 0.00	79.72 -0.32 0.00	52.61 -0.42 0.00	45.74 -0.56 0.00	44.20 -0.40 0.00	43.59 -0.31 0.00	44.17 -0.31 0.00	44.44 -0.18 0.00	48.95 -0.10 0.00	56.85 0.06 0.00	78.58 0.08 0.00	95.28 0.38 0.00	90.14 -0.09 0.00	71.28 0.07 0.00	56.77 0.06 0.00	52.36 -0.05 0.00	48.64 -0.20 0.00
BETHPAGE_CC_5 323564	46.76 1.88 0.00	45.98 2.02 0.00	43.66 1.64 0.00	42.85 1.61 0.00	44.68 1.64 0.00	47.81 1.30 0.00	56.58 1.88 17.90	82.83 4.33 17.70	59.12 2.08 23.00	48.59 1.38 5.82	48.33 2.03 0.00	46.43 1.83 0.00	45.92 2.02 0.00	46.49 2.00 0.00	47.12 2.50 0.00	50.72 1.67 0.00	58.72 1.93 0.01	75.31 2.28 5.47	95.75 3.32 2.47	89.87 3.07 3.43	73.45 2.35 0.11	58.82 2.10 0.00	53.23 1.21 0.39	50.30 1.46 0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.93 -0.94 0.00	43.56 -0.40 0.00	41.64 -0.38 0.00	40.37 -0.87 0.00	42.18 -0.86 0.00	45.49 -1.02 0.00	68.17 -4.43 0.00	88.69 -7.50 0.01	73.21 -6.80 0.02	49.85 -3.18 0.00	44.02 -2.27 0.00	41.92 -2.68 0.00	41.18 -2.72 0.00	41.55 -2.94 0.00	41.50 -3.12 0.00	45.07 -3.97 0.00	52.40 -4.37 0.03	70.93 -6.12 1.45	85.77 -6.64 2.50	80.98 -6.95 2.30	64.81 -5.70 0.71	52.09 -4.59 0.03	48.14 -4.25 0.02	45.57 -3.27 0.00
BINGHAMTON___COGEN 23790	45.01 0.13 0.00	44.18 0.22 0.00	42.23 0.21 0.00	41.36 0.12 0.00	43.22 0.17 0.00	46.65 0.14 0.00	72.45 -0.15 0.00	96.96 0.77 0.00	79.72 -0.32 0.01	52.98 -0.05 0.00	46.38 0.09 0.00	44.51 -0.09 0.00	43.73 -0.18 0.00	44.30 -0.18 0.00	44.40 -0.22 0.00	48.65 -0.39 0.00	56.56 -0.23 0.01	77.02 -0.24 1.25	92.95 0.19 2.15	88.14 -0.09 2.00	70.73 0.00 0.49	56.53 -0.17 0.01	51.99 -0.42 0.01	48.64 -0.20 0.00

BIXINCNT_115KV_LOAD 355685	43.84 -1.03 0.00	43.52 -0.44 0.00	41.60 -0.42 0.00	40.42 -0.82 0.00	42.23 -0.82 0.00	45.49 -1.02 0.00	68.75 -3.85 0.00	89.55 -6.64 0.01	73.93 -6.08 0.03	49.90 -3.13 0.00	44.02 -2.27 0.00	41.88 -2.72 0.00	41.09 -2.81 0.00	41.50 -2.98 0.00	41.45 -3.17 0.00	45.02 -4.02 0.00	52.90 -3.86 0.03	71.48 -5.57 1.45	87.01 -5.41 2.49	81.17 -6.77 2.29	65.71 -4.77 0.73	52.60 -4.08 0.03	47.83 -4.56 0.03	45.37 -3.47 0.00
BLACK RIVER___HYD 24047	46.27 1.39 0.00	45.49 1.54 0.00	43.49 1.47 0.00	42.60 1.36 0.00	44.59 1.55 0.00	48.51 2.00 0.00	76.29 3.70 0.00	101.87 5.67 0.00	83.88 3.84 0.00	54.41 1.38 0.00	47.36 1.07 0.00	45.40 0.80 0.00	44.52 0.61 0.00	45.33 0.84 0.00	45.11 0.49 0.00	50.08 1.03 0.00	58.16 1.36 0.00	80.86 2.35 0.00	98.23 3.32 0.00	93.74 3.52 0.00	73.63 2.42 0.00	58.75 2.04 0.00	54.04 1.63 0.00	50.65 1.81 0.00
BLACKRVR_115KV_TB2 79977	46.31 1.44 0.00	45.54 1.58 0.00	43.49 1.47 0.00	42.60 1.36 0.00	44.59 1.55 0.00	48.51 2.00 0.00	76.30 3.70 0.00	101.87 5.68 0.00	83.88 3.84 0.00	54.41 1.38 0.00	47.36 1.06 0.00	45.40 0.80 0.00	44.47 0.57 0.00	45.33 0.85 0.00	45.11 0.49 0.00	50.07 1.03 0.00	58.16 1.36 0.00	80.86 2.36 0.00	98.23 3.32 0.00	93.84 3.61 0.00	73.63 2.42 0.00	58.76 2.04 0.00	54.04 1.62 0.00	50.65 1.81 0.00
BLDWN_LI_69_KV_BK4 356085	46.90 2.02 0.00	46.02 2.07 0.00	43.83 1.81 0.00	43.10 1.86 0.00	44.89 1.85 0.00	48.00 1.49 0.00	58.34 2.47 16.72	84.76 5.10 16.54	61.19 2.64 21.50	49.35 1.75 5.44	48.68 2.36 -0.03	46.85 2.23 -0.02	46.36 2.46 0.00	46.82 2.31 -0.03	47.41 2.77 -0.03	51.18 2.11 -0.03	59.23 2.44 0.01	78.03 2.98 3.45	97.39 4.18 1.69	91.67 3.70 2.25	74.10 2.99 0.10	59.18 2.44 -0.03	53.85 1.68 0.24	50.30 1.47 0.01
BLISS_WT_PWR 323608	43.71 -1.17 0.00	43.12 -0.84 0.00	41.47 -0.55 0.00	40.37 -0.87 0.00	42.22 -0.82 0.00	45.44 -1.07 0.00	68.74 -3.85 0.00	89.55 -6.64 0.01	73.93 -6.09 0.03	49.85 -3.18 0.00	43.98 -2.31 0.00	41.88 -2.72 0.00	41.14 -2.76 0.00	41.59 -2.89 0.00	41.50 -3.12 0.00	45.07 -3.97 0.00	52.85 -3.92 0.03	71.34 -5.73 1.44	86.46 -5.98 2.47	81.28 -6.68 2.28	65.60 -4.91 0.70	52.55 -4.14 0.03	47.83 -4.56 0.03	45.28 -3.56 0.00
BLUESTONE___WT_PWR 323821	46.72 1.84 0.00	45.89 1.93 0.00	43.91 1.89 0.00	43.01 1.77 0.00	45.02 1.98 0.00	48.84 2.32 0.00	76.66 4.06 0.00	102.75 6.54 -0.01	84.69 4.64 -0.01	55.00 1.96 0.00	47.96 1.66 0.00	45.94 1.34 0.00	44.95 1.05 0.00	45.86 1.38 0.00	45.65 1.03 0.00	50.57 1.52 0.00	59.14 2.33 -0.01	81.09 3.61 1.03	98.47 5.31 1.75	93.63 5.05 1.65	74.70 3.70 0.21	59.28 2.55 -0.01	54.21 1.78 -0.01	50.65 1.81 0.00
BLUE_CIRC_CHEM_DRP 24182	45.55 0.67 0.00	44.57 0.62 0.00	42.61 0.59 0.00	41.82 0.58 0.00	43.69 0.65 0.00	47.16 0.65 0.00	73.83 1.23 0.00	98.31 2.12 0.00	80.76 0.72 0.00	53.19 0.16 0.00	46.20 -0.09 0.00	44.55 -0.04 0.00	43.95 0.04 0.00	44.53 0.04 0.00	44.80 0.18 0.00	49.39 0.34 0.00	57.48 0.68 0.00	79.52 1.02 0.00	96.52 1.61 0.00	91.40 1.17 0.00	72.28 1.07 0.00	57.57 0.85 0.00	53.09 0.68 0.00	49.38 0.54 0.00
BOC_GAS_DRP 24189	45.33 0.45 0.00	44.31 0.35 0.00	42.35 0.34 0.00	41.61 0.37 0.00	43.43 0.39 0.00	46.84 0.33 0.00	73.32 0.73 0.00	97.83 1.64 0.00	80.52 0.48 0.00	53.24 0.21 0.00	46.38 0.09 0.00	44.78 0.18 0.00	44.12 0.22 0.00	44.75 0.27 0.00	44.93 0.31 0.00	49.49 0.44 0.00	57.42 0.62 0.00	79.21 0.71 0.00	96.04 1.14 0.00	90.95 0.72 0.00	71.92 0.71 0.00	57.28 0.57 0.00	52.83 0.42 0.00	49.13 0.29 0.00
BOONVILLE_115KV_TB1 79983	46.00 1.12 0.00	45.14 1.19 0.00	43.15 1.13 0.00	42.31 1.07 0.00	44.25 1.21 0.00	47.95 1.44 0.00	75.28 2.69 0.00	101.68 5.48 0.00	84.04 4.00 0.00	54.78 1.75 0.00	47.68 1.39 0.00	45.80 1.20 0.00	44.96 1.05 0.00	45.82 1.33 0.00	45.60 0.98 0.00	50.07 1.03 0.00	58.16 1.36 0.00	80.62 2.12 0.00	97.56 2.66 0.00	92.85 2.62 0.00	72.99 1.78 0.00	58.19 1.47 0.00	53.56 1.15 0.00	50.16 1.32 0.00
BORALEX_4TH_BRANCH 23824	46.67 1.80 0.00	45.41 1.45 0.00	43.41 1.39 0.00	42.60 1.36 0.00	44.51 1.46 0.00	48.05 1.53 0.00	75.13 2.54 0.00	99.66 3.46 0.00	81.96 1.92 0.00	54.09 1.06 0.00	46.80 0.51 0.00	45.40 0.80 0.00	44.78 0.88 0.00	45.42 0.93 0.00	45.65 1.03 0.00	50.66 1.62 0.00	59.07 2.27 0.00	81.64 3.14 0.00	99.08 4.18 0.00	93.39 3.16 0.00	74.06 2.85 0.00	58.93 2.21 0.00	54.35 1.94 0.00	50.30 1.47 0.00
BOWLINE___1 23526	46.63 1.75 0.00	45.67 1.71 0.00	43.45 1.43 0.00	42.72 1.48 0.00	44.51 1.46 0.00	48.04 1.53 0.00	75.71 3.12 0.00	102.07 5.87 0.00	83.25 3.20 0.00	55.26 2.23 0.00	48.38 2.09 0.00	46.65 2.05 0.00	46.05 2.15 0.00	46.66 2.18 0.00	46.90 2.27 0.00	51.25 2.21 0.00	59.47 2.67 0.00	81.52 3.30 0.28	98.89 4.46 0.47	94.03 4.24 0.44	74.32 3.21 0.10	59.15 2.44 0.00	54.45 2.04 0.00	50.74 1.90 0.00
BOWLINE___2 23595	46.63 1.75 0.00	45.63 1.67 0.00	43.45 1.43 0.00	42.72 1.48 0.00	44.51 1.46 0.00	48.04 1.53 0.00	75.71 3.12 0.00	101.97 5.77 0.00	83.25 3.20 0.00	55.21 2.18 0.00	48.33 2.03 0.00	46.65 2.05 0.00	46.05 2.15 0.00	46.66 2.18 0.00	46.90 2.27 0.00	51.25 2.21 0.00	59.47 2.67 0.00	81.52 3.30 0.28	98.89 4.46 0.47	93.94 4.15 0.44	74.32 3.21 0.10	59.15 2.44 0.00	54.45 2.04 0.00	50.69 1.86 0.00
BRADY___115KV_TB2 356060	46.40 1.53 0.00	45.58 1.63 0.00	43.53 1.51 0.00	42.81 1.57 0.00	44.64 1.59 0.00	48.42 1.91 0.00	75.42 2.83 0.00	98.31 2.12 0.00	82.68 2.64 0.00	54.52 1.48 0.00	47.59 1.30 0.00	45.89 1.29 0.00	45.04 1.14 0.00	45.59 1.11 0.00	45.60 0.98 0.00	50.17 1.13 0.00	58.05 1.25 0.00	80.46 1.96 0.00	96.42 1.52 0.00	92.75 2.53 0.00	73.35 2.14 0.00	58.47 1.76 0.00	54.14 1.73 0.00	50.55 1.71 0.00
BRANSCOMB___SOLAR 323811	46.31 1.44 0.00	45.36 1.41 0.00	43.32 1.30 0.00	42.48 1.24 0.00	44.42 1.38 0.00	48.00 1.49 0.00	75.13 2.54 0.00	100.05 3.85 0.00	82.12 2.08 0.00	53.88 0.85 0.00	46.52 0.23 0.00	44.91 0.31 0.00	44.25 0.35 0.00	44.88 0.40 0.00	45.16 0.54 0.00	49.93 0.88 0.00	58.22 1.42 0.00	80.94 2.44 0.00	98.32 3.41 0.00	92.93 2.70 0.00	73.49 2.28 0.00	58.41 1.70 0.00	53.93 1.52 0.00	50.11 1.27 0.00
BRDGHMPT_69_KV_BK1 55812	47.21 2.33 0.00	46.59 2.64 0.00	44.33 2.31 0.00	43.47 2.23 0.00	45.24 2.20 0.00	47.95 1.44 0.00	55.23 2.54 19.91	81.51 5.00 19.69	57.17 2.72 25.59	47.73 1.17 6.47	48.23 1.94 0.00	46.47 1.87 0.00	46.23 2.33 0.00	46.30 1.82 0.00	47.16 2.54 0.00	50.90 1.86 0.00	58.83 2.04 0.01	73.23 1.65 6.92	93.48 2.28 3.71	86.75 1.80 5.28	72.67 1.57 0.11	58.07 1.36 0.00	52.75 0.84 0.50	49.76 0.93 0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	46.94 2.06 0.00	46.20 2.24 0.00	43.99 1.97 0.00	43.22 1.98 0.00	45.07 2.02 0.00	48.00 1.49 0.00	54.61 1.60 19.58	80.78 3.94 19.36	56.55 1.68 25.17	47.67 1.01 6.37	48.51 2.22 0.00	46.83 2.23 0.00	46.40 2.50 0.00	46.70 2.22 0.00	47.38 2.77 0.00	50.95 1.91 0.00	59.06 2.27 0.01	73.63 1.81 6.68	95.52 3.61 2.99	89.19 3.16 4.20	73.74 2.63 0.11	58.92 2.21 0.00	52.82 0.89 0.48	50.10 1.27 0.01
BRISTLHL_115KV_TB1 79998	44.02 -0.85 0.00	43.12 -0.84 0.00	41.22 -0.80 0.00	40.42 -0.82 0.00	42.23 -0.82 0.00	45.67 -0.84 0.00	71.14 -1.45 0.00	94.85 -1.35 0.00	78.44 -1.60 0.00	51.97 -1.06 0.00	45.41 -0.88 0.00	43.62 -0.98 0.00	42.89 -1.01 0.00	43.50 -0.98 0.00	43.60 -1.03 0.00	47.92 -1.13 0.00	55.43 -1.36 0.00	77.25 -1.81 -0.55	93.77 -2.09 -0.95	89.22 -1.89 -0.88	69.77 -1.64 -0.19	55.35 -1.36 0.00	51.26 -1.15 0.00	47.76 -1.07 0.00
BROOKHAVEN___DRP 24191	46.45 1.57 0.00	45.85 1.89 0.00	43.66 1.64 0.00	42.85 1.61 0.00	44.64 1.59 0.00	47.35 0.84 0.00	54.35 1.67 19.92	80.45 3.94 19.69	56.36 1.92 25.60	47.30 0.74 6.47	47.77 1.48 0.00	46.07 1.47 0.00	45.79 1.89 0.00	45.99 1.51 0.00	46.80 2.19 0.00	50.51 1.47 0.00	58.38 1.59 0.01	72.76 1.18 6.92	92.90 1.71 3.71	86.29 1.35 5.29	72.38 1.28 0.11	57.84 1.13 0.00	52.65 0.73 0.50	49.56 0.73 0.01
BROOKLYN_NAVY_YARD 23515	46.99 2.11 0.00	45.94 1.98 0.00	43.62 1.60 0.00	42.93 1.69 0.00	44.68 1.64 0.00	48.37 1.86 0.00	76.22 3.63 0.00	102.93 6.73 0.00	84.12 4.08 0.00	55.89 2.86 0.00	48.98 2.68 0.00	47.23 2.63 0.00	46.67 2.77 0.00	47.29 2.80 0.00	47.57 2.94 0.00	51.99 2.94 0.00	60.20 3.41 0.00	82.39 4.16 0.27	99.94 5.50 0.47	94.94 5.14 0.43	75.03 3.91 0.09	59.72 3.00 0.00	55.08 2.67 0.00	51.23 2.39 0.00
BROOKLYN___ARMY_DRP 323595	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.81 4.21 -0.01	103.60 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.41 2.81 0.00	46.89 2.99 0.00	47.46 2.98 0.00	47.83 3.21 0.00	52.33 3.29 0.00	60.49 3.69 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.97 3.85 0.08	60.24 3.52 -0.01	55.61 3.20 0.00	51.57 2.74 0.00
BROOME_2_LFGE 323671	44.97 0.09 0.00	44.09 0.13 0.00	42.19 0.17 0.00	41.36 0.12 0.00	43.22 0.17 0.00	46.65 0.14 0.00	72.52 -0.07 0.00	96.96 0.77 0.00	79.72 -0.32 0.01	52.98 -0.05 0.00	46.38 0.09 0.00	44.51 -0.09 0.00	43.73 -0.17 0.00	44.35 -0.13 0.00	44.44 -0.18 0.00	48.65 -0.39 0.00	56.56 -0.23 0.01	76.95 -0.31 1.24	92.96 0.19 2.14	88.25 0.00 1.98	70.72 0.00 0.49	56.59 -0.11 0.01	52.04 -0.36 0.01	48.64 -0.19 0.00
BROOME___LFGE 323600	44.97 0.09 0.00	44.09 0.13 0.00	42.19 0.17 0.00	41.36 0.12 0.00	43.22 0.17 0.00	46.65 0.14 0.00	72.52 -0.07 0.00	96.96 0.77 0.00	79.72 -0.32 0.01	52.98 -0.05 0.00	46.38 0.09 0.00	44.51 -0.09 0.00	43.73 -0.17 0.00	44.35 -0.13 0.00	44.44 -0.18 0.00	48.65 -0.39 0.00	56.56 -0.23 0.01	76.95 -0.31 1.24	92.96 0.19 2.14	88.25 0.00 1.98	70.72 0.00 0.49	56.59 -0.11 0.01	52.04 -0.36 0.01	48.64 -0.19 0.00
BROWNFLS_115KV_TB 3_5 80003	46.22 1.35 0.00	45.41 1.45 0.00	43.36 1.34 0.00	42.60 1.36 0.00	44.46 1.42 0.00	48.28 1.77 0.00	75.35 2.76 0.00	99.37 3.17 0.00	82.84 2.80 0.00	54.31 1.27 0.00	47.31 1.02 0.00	45.58 0.98 0.00	44.82 0.92 0.00	45.55 1.07 0.00	45.42 0.80 0.00	50.07 1.03 0.00	57.65 0.85 0.00	79.76 1.26 0.00	95.76 0.85 0.00	91.76 1.53 0.00	72.35 1.14 0.00	58.19 1.47 0.00	53.83 1.42 0.00	50.45 1.61 0.00
BROWNSV1_27_KV_LOAD 356125	47.35 2.47 0.00	46.15 2.20 0.00	43.91 1.89 0.00	43.26 2.02 0.00	45.02 1.98 0.00	48.70 2.19 0.00	76.95 4.36 0.00	103.70 7.50 0.00	84.84 4.80 0.00	56.32 3.29 0.00	49.35 3.06 0.00	47.63 3.03 0.00	47.06 3.16 0.00	47.64 3.16 0.00	47.92 3.30 0.00	52.43 3.38 0.00	60.71 3.92 0.00	83.10 4.87 0.27	100.89 6.45 0.47	95.66 5.86 0.43	75.68 4.56 0.09	60.23 3.52 0.00	55.45 3.04 0.00	51.53 2.69 0.00
BURROWS___LYONSDAL 23803	46.00 1.12 0.00	45.19 1.23 0.00	43.20 1.18 0.00	42.35 1.11 0.00	44.29 1.25 0.00	48.05 1.53 0.00	75.35 2.76 0.00	101.58 5.39 0.00	83.96 3.92 0.00	54.68 1.64 0.00	47.59 1.30 0.00	45.76 1.16 0.00	44.91 1.01 0.00	45.73 1.25 0.00	45.56 0.94 0.00	50.07 1.03 0.00	58.10 1.31 0.00	80.54 2.04 0.00	97.37 2.47 0.00	92.66 2.44 0.00	72.85 1.64 0.00	58.13 1.42 0.00	53.51 1.10 0.00	50.26 1.42 0.00
CAITHNESS_CC_1 323624	46.54 1.66 0.00	45.98 2.02 0.00	43.62 1.60 0.00	42.77 1.53 0.00	44.55 1.51 0.00	47.49 0.98 0.00	54.20 1.53 19.92	80.24 3.75 19.70	56.19 1.76 25.61	47.24 0.69 6.48	47.77 1.48 0.00	45.89 1.29 0.00	45.40 1.49 0.00	45.94 1.47 0.00	46.71 2.10 0.00	50.21 1.18 0.00	58.04 1.25 0.01	72.60 1.02 6.92	92.81 1.61 3.71	86.38 1.44 5.29	72.31 1.21 0.11	57.96 1.25 0.00	52.59 0.68 0.50	49.86 1.03 0.01
CALPINE BETH_PAGE_GT4 24209	46.67 1.80 0.00	45.85 1.89 0.00	43.66 1.64 0.00	42.89 1.65 0.00	44.72 1.68 0.00	47.77 1.26 0.00	57.55 2.11 17.15	83.85 4.62 16.96	60.23 2.24 22.05	48.99 1.54 5.58	48.43 2.13 -0.01	46.66 2.05 -0.01	46.18 2.28 0.00	46.58 2.09 -0.01	47.22 2.59 -0.01	50.91 1.86 -0.01	58.95 2.16 0.01	76.08 2.51 4.94	96.35 3.70 2.26	90.38 3.25 3.10	73.67 2.56 0.11	58.82 2.10 -0.01	53.42 1.36 0.35	50.05 1.22 0.01
CALPINE_BETH_PAGE_GT_4 323586	46.85 1.97 0.00	46.02 2.07 0.00	43.70 1.68 0.00	42.89 1.65 0.00	44.72 1.68 0.00	47.90 1.39 0.00	57.55 2.11 17.15	83.85 4.62 16.96	60.23 2.24 22.05	48.99 1.54 5.58	48.43 2.13 -0.01	46.52 1.92 -0.01	46.01 2.11 0.00	46.58 2.09 -0.01	47.17 2.54 -0.01	50.81 1.76 -0.01	58.89 2.10 0.01	76.08 2.51 4.93	96.26 3.61 2.25	90.56 3.43 3.10	73.67 2.56 0.11	58.99 2.27 -0.01	53.42 1.36 0.35	50.35 1.52 0.01
CALPINE_BP_GT1 23823	46.85 1.97 0.00	46.02 2.07 0.00	43.70 1.68 0.00	42.89 1.65 0.00	44.72 1.68 0.00	47.90 1.39 0.00	57.55 2.11 17.15	83.85 4.62 16.96	60.23 2.24 22.05	48.99 1.54 5.58	48.43 2.13 -0.01	46.52 1.92 -0.01	46.01 2.11 0.00	46.58 2.09 -0.01	47.17 2.54 -0.01	50.81 1.76 -0.01	58.89 2.10 0.01	76.08 2.51 4.93	96.26 3.61 2.25	90.56 3.43 3.10	73.67 2.56 0.11	58.99 2.27 -0.01	53.42 1.36 0.35	50.35 1.52 0.01
CALSPAN___DRP 24200	43.93 -0.94 0.00	43.56 -0.40 0.00	41.68 -0.34 0.00	40.42 -0.82 0.00	42.23 -0.82 0.00	45.49 -1.02 0.00	68.02 -4.57 0.00	88.59 -7.60 0.01	73.05 -6.96 0.02	49.80 -3.23 0.00	44.02 -2.27 0.00	41.92 -2.68 0.00	41.14 -2.77 0.00	41.50 -2.98 0.00	41.45 -3.17 0.00	45.02 -4.02 0.00	52.11 -4.66 0.03	70.61 -6.44 1.45	85.20 -7.21 2.50	80.80 -7.13 2.30	64.31 -6.20 0.71	51.75 -4.93 0.03	48.14 -4.25 0.02	45.62 -3.22 0.00

CALVERTON___SOLAR 323806	46.72 1.84 0.00	46.15 2.20 0.00	43.82 1.81 0.00	42.97 1.73 0.00	44.72 1.68 0.00	47.62 1.11 0.00	54.50 1.82 19.91	80.64 4.13 19.69	56.52 2.08 25.59	47.36 0.80 6.47	47.81 1.53 0.00	45.93 1.34 0.00	45.44 1.54 0.00	45.99 1.51 0.00	46.80 2.19 0.00	50.31 1.27 0.00	58.21 1.42 0.01	72.84 1.25 6.92	93.00 1.80 3.71	86.57 1.63 5.29	72.53 1.42 0.11	58.07 1.36 0.00	52.75 0.84 0.50	50.00 1.17 0.01
CANDIGU_WT_PWR 323617	44.47 -0.40 0.00	43.74 -0.22 0.00	41.98 -0.04 0.00	40.95 -0.29 0.00	42.83 -0.21 0.00	46.09 -0.42 0.00	70.49 -2.11 0.00	91.28 -4.90 0.01	74.71 -5.29 0.04	50.22 -2.81 0.00	44.16 -2.13 0.00	42.23 -2.37 0.00	41.44 -2.46 0.00	41.95 -2.53 0.00	41.85 -2.77 0.00	45.51 -3.53 0.00	52.77 -3.98 0.04	72.00 -5.10 1.40	87.09 -5.41 2.41	82.52 -5.51 2.20	65.86 -4.48 0.87	52.93 -3.74 0.04	48.75 -3.62 0.04	46.11 -2.73 0.00
CARR STREET_E_SYR 24060	44.20 -0.67 0.00	43.30 -0.66 0.00	41.39 -0.63 0.00	40.58 -0.66 0.00	42.40 -0.64 0.00	45.86 -0.65 0.00	71.51 -1.09 0.00	95.33 -0.87 0.00	78.76 -1.28 0.00	52.24 -0.79 0.00	45.64 -0.65 0.00	43.88 -0.72 0.00	43.16 -0.75 0.00	43.73 -0.76 0.00	43.86 -0.76 0.00	48.16 -0.88 0.00	55.66 -1.14 0.00	75.49 -1.41 1.61	90.63 -1.52 2.75	86.22 -1.45 2.56	69.38 -1.28 0.55	55.64 -1.08 0.00	51.41 -1.00 0.00	47.96 -0.88 0.00
CARTHAGE___PAPER 23857	46.27 1.39 0.00	45.45 1.50 0.00	43.45 1.43 0.00	42.60 1.36 0.00	44.59 1.55 0.00	48.42 1.91 0.00	76.08 3.48 0.00	101.48 5.29 0.00	83.80 3.76 0.00	54.47 1.43 0.00	47.36 1.07 0.00	45.49 0.89 0.00	44.65 0.75 0.00	45.46 0.98 0.00	45.25 0.62 0.00	50.12 1.08 0.00	58.10 1.31 0.00	80.78 2.28 0.00	97.75 2.84 0.00	93.30 3.07 0.00	73.35 2.13 0.00	58.58 1.87 0.00	53.93 1.52 0.00	50.59 1.76 0.00
CASSADAGA_WT_PWR 323784	44.34 -0.54 0.00	43.78 -0.18 0.00	42.10 0.08 0.00	40.95 -0.29 0.00	42.87 -0.17 0.00	46.05 -0.47 0.00	69.84 -2.76 0.00	90.80 -5.39 0.01	74.57 -5.45 0.03	50.70 -2.33 0.00	44.81 -1.48 0.00	42.81 -1.79 0.00	42.06 -1.84 0.00	42.53 -1.96 0.00	42.35 -2.27 0.00	45.96 -3.09 0.00	53.02 -3.75 0.03	72.04 -5.03 1.44	86.83 -5.60 2.48	81.72 -6.22 2.28	65.16 -5.34 0.71	52.32 -4.37 0.03	48.30 -4.09 0.03	45.52 -3.32 0.00
CE_DUNWOOD___DRP 24194	46.72 1.84 0.00	45.67 1.71 0.00	43.49 1.47 0.00	42.81 1.57 0.00	44.59 1.55 0.00	48.14 1.63 0.00	75.93 3.34 0.00	102.26 6.06 0.00	83.56 3.52 0.00	55.42 2.39 0.00	48.56 2.27 0.00	46.87 2.27 0.00	46.27 2.37 0.00	46.88 2.40 0.00	47.16 2.54 0.00	51.55 2.50 0.00	59.69 2.90 0.00	81.92 3.69 0.27	99.37 4.94 0.47	94.21 4.42 0.43	74.54 3.42 0.09	59.38 2.67 0.00	54.61 2.20 0.00	50.79 1.95 0.00
CE_MILLWOOD___DRP 24193	46.67 1.80 0.00	45.63 1.67 0.00	43.45 1.43 0.00	42.77 1.53 0.00	44.55 1.51 0.00	48.09 1.58 0.00	75.79 3.19 0.00	102.16 5.96 0.00	83.48 3.44 0.00	55.37 2.33 0.00	48.47 2.18 0.00	46.78 2.19 0.00	46.18 2.28 0.00	46.80 2.31 0.00	47.03 2.41 0.00	51.45 2.40 0.00	59.58 2.78 0.00	81.76 3.53 0.27	99.18 4.75 0.47	94.03 4.24 0.44	74.46 3.35 0.09	59.27 2.55 0.00	54.56 2.15 0.00	50.70 1.86 0.00
CE_NYC2_DRP 24202	47.21 2.33 0.00	46.11 2.15 0.00	43.87 1.85 0.00	43.22 1.98 0.00	45.02 1.98 0.00	48.60 2.09 0.00	76.37 3.77 0.00	103.12 6.93 0.00	84.04 4.00 0.00	56.06 3.02 0.00	49.02 2.73 0.00	47.36 2.77 0.00	46.80 2.90 0.00	47.37 2.89 0.00	47.70 3.08 0.00	52.18 3.14 0.00	60.20 3.41 0.00	82.07 3.85 0.27	99.47 5.03 0.47	94.31 4.51 0.43	74.61 3.49 0.10	59.89 3.18 0.00	55.29 2.88 0.00	51.38 2.54 0.00
CE_NYC_DRP 24195	46.99 2.11 0.00	45.93 1.98 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.81 1.76 0.00	48.42 1.91 0.00	76.44 3.85 0.00	103.12 6.93 0.00	84.36 4.32 0.00	56.06 3.02 0.00	49.07 2.78 0.00	47.41 2.81 0.00	46.80 2.90 0.00	47.42 2.94 0.00	47.70 3.08 0.00	52.13 3.09 0.00	60.32 3.52 0.00	82.63 4.40 0.27	100.23 5.79 0.47	95.03 5.23 0.43	75.18 4.06 0.09	59.89 3.18 0.00	55.14 2.73 0.00	51.23 2.39 0.00
CHAFFEE___LFGE 323603	43.76 -1.12 0.00	43.17 -0.79 0.00	41.52 -0.50 0.00	40.33 -0.91 0.00	42.18 -0.86 0.00	45.39 -1.12 0.00	68.24 -4.35 0.00	88.78 -7.41 0.01	73.37 -6.64 0.03	49.90 -3.13 0.00	44.12 -2.17 0.00	42.10 -2.50 0.00	41.35 -2.55 0.00	41.77 -2.71 0.00	41.63 -2.99 0.00	45.27 -3.78 0.00	52.11 -4.66 0.03	70.94 -6.12 1.44	85.51 -6.92 2.48	81.00 -6.95 2.28	64.81 -5.70 0.70	52.10 -4.59 0.03	48.30 -4.09 0.03	45.61 -3.22 0.00
CHATEAUG_35_KV_LOAD 355732	45.59 0.72 0.00	44.75 0.79 0.00	42.73 0.71 0.00	42.06 0.82 0.00	43.82 0.77 0.00	47.35 0.84 0.00	73.46 0.87 0.00	96.10 -0.10 0.00	80.84 0.80 0.00	53.67 0.64 0.00	46.94 0.65 0.00	45.27 0.67 0.00	44.43 0.53 0.00	44.93 0.44 0.00	45.07 0.45 0.00	49.49 0.44 0.00	56.97 0.17 0.00	78.97 0.47 0.00	94.90 0.00 0.00	90.86 0.63 0.00	71.78 0.57 0.00	57.17 0.45 0.00	53.09 0.68 0.00	49.57 0.73 0.00
CHATEAUG_WT_PWR 323614	45.46 0.58 0.00	44.62 0.66 0.00	42.61 0.59 0.00	41.90 0.66 0.00	43.69 0.65 0.00	47.16 0.65 0.00	73.11 0.51 0.00	95.72 -0.48 0.00	80.52 0.48 0.00	53.56 0.53 0.00	46.85 0.56 0.00	45.18 0.58 0.00	44.39 0.48 0.00	44.88 0.40 0.00	44.98 0.36 0.00	49.43 0.39 0.00	57.02 0.23 0.00	78.66 0.16 0.00	94.62 -0.28 0.00	90.41 0.18 0.00	71.36 0.14 0.00	56.94 0.23 0.00	52.88 0.47 0.00	49.23 0.39 0.00
CHAT_HIGH_FALL_HYD 323578	45.59 0.72 0.00	44.75 0.79 0.00	42.73 0.71 0.00	42.06 0.82 0.00	43.82 0.77 0.00	47.35 0.84 0.00	73.46 0.87 0.00	96.10 -0.10 0.00	80.84 0.80 0.00	53.67 0.64 0.00	46.94 0.65 0.00	45.27 0.67 0.00	44.43 0.53 0.00	44.93 0.44 0.00	45.07 0.45 0.00	49.49 0.44 0.00	56.97 0.17 0.00	78.97 0.47 0.00	94.90 0.00 0.00	90.86 0.63 0.00	71.78 0.57 0.00	57.17 0.45 0.00	53.09 0.68 0.00	49.57 0.73 0.00
CHAUTAUQUA___LFGE 323629	44.16 -0.72 0.00	43.60 -0.35 0.00	41.93 -0.08 0.00	40.79 -0.45 0.00	42.65 -0.39 0.00	45.86 -0.65 0.00	69.18 -3.41 0.00	89.94 -6.25 0.01	73.93 -6.09 0.03	50.33 -2.70 0.00	44.58 -1.71 0.00	42.55 -2.05 0.00	41.80 -2.11 0.00	42.26 -2.22 0.00	42.12 -2.50 0.00	45.71 -3.34 0.00	52.40 -4.37 0.03	71.41 -5.65 1.44	85.88 -6.55 2.48	81.36 -6.58 2.28	64.81 -5.70 0.70	52.10 -4.59 0.03	48.35 -4.03 0.03	45.71 -3.13 0.00
CHERRYST_13_KV_LD 356241	47.08 2.20 0.00	46.02 2.07 0.00	43.74 1.72 0.00	43.10 1.86 0.00	44.89 1.85 0.00	48.51 2.00 0.00	76.66 4.07 0.00	103.41 7.21 0.00	84.60 4.56 0.00	56.21 3.18 0.00	49.21 2.92 0.00	47.54 2.94 0.00	46.93 3.03 0.00	47.51 3.02 0.00	47.83 3.21 0.00	52.28 3.24 0.00	60.49 3.69 0.00	82.86 4.63 0.27	100.51 6.07 0.47	95.21 5.41 0.43	75.32 4.20 0.09	60.00 3.29 0.00	55.24 2.83 0.00	51.33 2.49 0.00

CHESTROR_138KV_BK263 355645	46.49 1.62 0.00	45.49 1.54 0.00	43.32 1.30 0.00	42.64 1.40 0.00	44.46 1.42 0.00	47.95 1.44 0.00	75.50 2.90 0.00	101.68 5.48 0.00	82.92 2.88 0.00	54.99 1.96 0.00	48.05 1.76 0.00	46.38 1.78 0.00	45.75 1.84 0.00	46.35 1.87 0.00	46.58 1.96 0.00	51.01 1.96 0.00	59.12 2.33 0.00	81.20 2.98 0.29	98.59 4.18 0.49	93.47 3.70 0.45	73.96 2.85 0.10	58.93 2.21 0.00	54.25 1.83 0.00	50.45 1.61 0.00
CH_MIDHUDSON___DRP 24192	46.58 1.71 0.00	45.54 1.58 0.00	43.36 1.34 0.00	42.68 1.44 0.00	44.51 1.46 0.00	48.00 1.49 0.00	75.64 3.05 0.00	101.78 5.58 0.00	83.24 3.20 0.00	55.10 2.07 0.00	48.10 1.81 0.00	46.38 1.78 0.00	45.79 1.89 0.00	46.40 1.91 0.00	46.63 2.01 0.00	51.05 2.01 0.00	59.29 2.50 0.00	81.45 3.22 0.27	99.00 4.56 0.46	93.77 3.97 0.43	74.18 3.06 0.09	59.10 2.38 0.00	54.40 1.99 0.00	50.55 1.71 0.00
CH_MISC_IPPS 23765	46.90 2.02 0.00	45.84 1.89 0.00	43.70 1.68 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.28 1.77 0.00	76.15 3.56 0.00	102.54 6.35 0.00	83.72 3.68 0.00	55.36 2.33 0.00	48.33 2.03 0.00	46.52 1.92 0.00	45.92 2.02 0.00	46.57 2.09 0.00	46.81 2.19 0.00	51.20 2.16 0.00	59.58 2.78 0.00	82.00 3.77 0.27	99.66 5.22 0.46	94.58 4.78 0.43	74.68 3.56 0.09	59.44 2.72 0.00	54.72 2.30 0.00	50.84 2.00 0.00
CH_RES_BVR_FALLS 23983	44.97 0.09 0.00	44.09 0.13 0.00	42.15 0.13 0.00	41.36 0.12 0.00	43.17 0.13 0.00	46.65 0.14 0.00	72.81 0.22 0.00	96.01 -0.19 0.00	80.20 0.16 0.00	53.14 0.11 0.00	46.38 0.09 0.00	44.73 0.13 0.00	43.99 0.09 0.00	44.57 0.09 0.00	44.71 0.09 0.00	49.14 0.10 0.00	56.85 0.06 0.00	78.50 0.00 0.00	94.62 -0.28 0.00	89.96 -0.27 0.00	70.93 -0.28 0.00	56.54 -0.17 0.00	52.31 -0.10 0.00	48.74 -0.10 0.00
CH_RES_NIAGARA 23895	42.86 -2.02 0.00	42.50 -1.45 0.00	40.67 -1.34 0.00	39.34 -1.90 0.00	41.06 -1.98 0.00	44.33 -2.19 0.00	65.62 -6.97 0.00	85.22 -10.97 0.01	70.17 -9.85 0.02	48.37 -4.67 0.00	42.82 -3.47 0.00	40.76 -3.84 0.00	40.04 -3.86 0.00	40.35 -4.14 0.00	40.34 -4.28 0.00	43.80 -5.25 0.00	49.67 -7.10 0.02	67.23 -9.81 1.46	80.30 -12.05 2.55	77.35 -10.56 2.32	60.65 -9.83 0.73	49.04 -7.66 0.02	46.78 -5.61 0.02	45.03 -3.81 0.00
CH_RES_SYRACUSE 23985	44.52 -0.36 0.00	43.56 -0.40 0.00	41.64 -0.38 0.00	40.83 -0.41 0.00	42.70 -0.35 0.00	46.19 -0.32 0.00	72.01 -0.58 0.00	96.01 -0.19 0.00	79.40 -0.64 0.00	52.61 -0.43 0.00	45.97 -0.32 0.00	44.15 -0.45 0.00	43.42 -0.48 0.00	44.04 -0.44 0.00	44.13 -0.49 0.00	48.46 -0.59 0.00	56.06 -0.74 0.00	76.97 -0.86 0.67	92.89 -0.86 1.16	88.34 -0.81 1.07	70.27 -0.71 0.23	56.09 -0.62 0.00	51.78 -0.63 0.00	48.30 -0.54 0.00
CLINTON_WT_PWR 323605	45.46 0.58 0.00	44.62 0.66 0.00	42.61 0.59 0.00	41.90 0.66 0.00	43.69 0.65 0.00	47.16 0.65 0.00	73.11 0.51 0.00	95.72 -0.48 0.00	80.52 0.48 0.00	53.56 0.53 0.00	46.85 0.56 0.00	45.18 0.58 0.00	44.39 0.48 0.00	44.88 0.40 0.00	44.98 0.36 0.00	49.43 0.39 0.00	57.02 0.23 0.00	78.66 0.16 0.00	94.62 -0.28 0.00	90.41 0.18 0.00	71.36 0.14 0.00	56.94 0.23 0.00	52.88 0.47 0.00	49.23 0.39 0.00
CLINTON___LFGE 323618	45.95 1.08 0.00	45.10 1.14 0.00	43.07 1.05 0.00	42.39 1.15 0.00	44.12 1.08 0.00	47.63 1.11 0.00	73.47 0.87 0.00	96.20 0.00 0.00	80.92 0.88 0.00	53.88 0.85 0.00	47.17 0.88 0.00	45.54 0.94 0.00	44.65 0.75 0.00	45.10 0.62 0.00	45.25 0.62 0.00	49.68 0.64 0.00	57.31 0.51 0.00	79.06 0.55 0.00	95.10 0.19 0.00	91.04 0.81 0.00	71.71 0.50 0.00	57.22 0.51 0.00	53.36 0.94 0.00	49.57 0.73 0.00
COBBLENY_34_KV_TB1 80064	43.93 -0.94 0.00	43.56 -0.40 0.00	41.64 -0.38 0.00	40.37 -0.87 0.00	42.18 -0.86 0.00	45.49 -1.02 0.00	68.24 -4.36 0.00	88.78 -7.41 0.01	73.37 -6.64 0.03	49.96 -3.08 0.00	44.12 -2.18 0.00	42.01 -2.59 0.00	41.22 -2.68 0.00	41.59 -2.89 0.00	41.54 -3.08 0.00	45.17 -3.87 0.00	52.40 -4.37 0.03	71.01 -6.04 1.45	85.86 -6.55 2.49	81.25 -6.68 2.30	64.80 -5.70 0.72	52.09 -4.59 0.03	48.25 -4.14 0.03	45.66 -3.17 0.00
COFFEEN___115KV_TB3 355620	46.49 1.62 0.00	45.76 1.80 0.00	43.70 1.68 0.00	42.81 1.57 0.00	44.81 1.76 0.00	48.79 2.28 0.00	76.73 4.14 0.00	102.55 6.35 0.00	84.28 4.24 0.00	54.62 1.59 0.00	47.45 1.16 0.00	45.49 0.89 0.00	44.56 0.66 0.00	45.42 0.93 0.00	45.20 0.58 0.00	50.22 1.18 0.00	58.39 1.59 0.00	81.33 2.83 0.00	98.99 4.08 0.00	94.56 4.33 0.00	74.13 2.92 0.00	59.15 2.44 0.00	54.30 1.89 0.00	50.89 2.05 0.00
COLDSPRG_115KV_BK1 355956	44.47 -0.40 0.00	44.13 0.18 0.00	42.19 0.17 0.00	40.99 -0.25 0.00	42.87 -0.17 0.00	46.14 -0.37 0.00	70.20 -2.40 0.00	91.47 -4.71 0.01	75.45 -4.56 0.03	51.02 -2.02 0.00	45.04 -1.25 0.00	42.90 -1.69 0.00	42.10 -1.80 0.00	42.48 -2.00 0.00	42.39 -2.23 0.00	46.00 -3.04 0.00	54.04 -2.73 0.03	73.21 -3.85 1.45	89.19 -3.23 2.49	83.25 -4.69 2.29	67.19 -3.28 0.75	53.74 -2.95 0.03	48.77 -3.62 0.03	46.06 -2.78 0.00
COLONIE_LFGE___ 323577	46.04 1.16 0.00	44.97 1.01 0.00	42.94 0.92 0.00	42.15 0.91 0.00	44.03 0.99 0.00	47.58 1.07 0.00	74.41 1.82 0.00	98.99 2.79 0.00	81.40 1.36 0.00	53.67 0.64 0.00	46.57 0.28 0.00	45.00 0.40 0.00	44.34 0.44 0.00	44.93 0.44 0.00	45.20 0.58 0.00	49.97 0.93 0.00	58.22 1.42 0.00	80.54 2.04 0.00	97.66 2.75 0.00	92.39 2.16 0.00	73.06 1.85 0.00	58.13 1.42 0.00	53.62 1.21 0.00	49.82 0.98 0.00
COOPERNY_115KV_TB1 80082	46.18 1.30 0.00	45.19 1.23 0.00	43.11 1.09 0.00	42.39 1.15 0.00	44.21 1.16 0.00	47.67 1.16 0.00	74.92 2.32 0.00	100.62 4.43 0.00	82.20 2.16 0.00	54.52 1.48 0.00	47.68 1.39 0.00	45.98 1.38 0.00	45.31 1.40 0.00	45.95 1.47 0.00	46.14 1.52 0.00	50.56 1.52 0.00	58.61 1.82 0.00	80.46 2.28 0.31	97.50 3.13 0.54	92.52 2.80 0.50	73.31 2.21 0.11	58.42 1.70 0.00	53.83 1.42 0.00	50.11 1.27 0.00
COPENHAGEN_WT_PWR 323753	46.04 1.16 0.00	45.27 1.32 0.00	43.24 1.22 0.00	42.39 1.15 0.00	44.38 1.34 0.00	48.23 1.72 0.00	75.78 3.19 0.00	101.20 5.00 0.00	83.32 3.28 0.00	54.20 1.17 0.00	47.13 0.83 0.00	45.22 0.62 0.00	44.34 0.44 0.00	45.15 0.67 0.00	44.98 0.36 0.00	49.83 0.78 0.00	57.82 1.02 0.00	80.38 1.88 0.00	97.66 2.75 0.00	93.20 2.97 0.00	73.20 1.99 0.00	58.41 1.70 0.00	53.77 1.36 0.00	50.35 1.52 0.00
CORNELL_____ 23752	45.51 0.63 0.00	44.61 0.66 0.00	42.65 0.63 0.00	41.78 0.54 0.00	43.65 0.60 0.00	47.30 0.79 0.00	73.76 1.16 0.00	98.64 2.40 -0.04	81.16 1.04 -0.08	53.46 0.42 0.00	46.66 0.37 0.00	44.73 0.13 0.00	43.95 0.04 0.00	44.57 0.09 0.00	44.67 0.04 0.00	49.14 0.10 0.00	57.29 0.40 -0.10	78.12 0.86 1.25	94.46 1.61 2.06	89.65 1.44 2.02	72.78 1.00 -0.57	57.44 0.62 -0.10	52.86 0.37 -0.08	49.23 0.39 0.00

CORONA V_69_KV_TB1 355595	47.03 2.15 0.00	46.15 2.20 0.00	43.91 1.89 0.00	43.18 1.94 0.00	44.98 1.94 0.00	48.14 1.63 0.00	59.02 2.76 16.33	85.43 5.39 16.15	62.01 2.96 20.99	49.74 2.02 5.31	48.89 2.55 -0.05	47.05 2.41 -0.04	46.49 2.59 0.00	46.98 2.45 -0.05	47.53 2.86 -0.05	51.35 2.26 -0.05	59.40 2.61 0.01	80.81 3.22 0.91	98.56 4.37 0.71	93.40 3.97 0.80	74.32 3.20 0.10	59.37 2.61 -0.05	54.25 1.89 0.05	50.49 1.66 0.01
CORTLAND_115KV_TB3 80093	45.15 0.27 0.00	44.26 0.31 0.00	42.31 0.29 0.00	41.45 0.21 0.00	43.34 0.30 0.00	46.88 0.37 0.00	73.17 0.58 0.00	97.84 1.64 -0.01	80.55 0.48 -0.02	53.19 0.16 0.00	46.43 0.14 0.00	44.60 0.00 0.00	43.81 -0.09 0.00	44.48 0.00 0.00	44.58 -0.04 0.00	49.04 0.00 0.00	56.99 0.17 -0.03	77.47 0.39 1.42	93.44 0.95 2.41	88.76 0.81 2.28	71.53 0.50 0.18	57.08 0.34 -0.03	52.54 0.10 -0.02	48.99 0.15 0.00
COXSACKIE__GT 23611	46.54 1.66 0.00	45.45 1.50 0.00	43.40 1.38 0.00	42.56 1.32 0.00	44.46 1.42 0.00	48.04 1.53 0.00	75.71 3.12 0.00	101.29 5.10 0.00	82.68 2.64 0.00	53.83 0.80 0.00	46.25 -0.05 0.00	44.42 -0.18 0.00	43.86 -0.04 0.00	44.48 0.00 0.00	44.76 0.13 0.00	49.48 0.44 0.00	58.22 1.42 0.00	81.26 2.98 0.23	99.35 4.84 0.39	93.74 3.88 0.36	74.05 2.92 0.08	58.81 2.10 0.00	54.25 1.83 0.00	50.16 1.32 0.00
CPV_VALLEY__CC1 323721	46.54 1.66 0.00	45.54 1.58 0.00	43.36 1.34 0.00	42.64 1.40 0.00	44.42 1.38 0.00	47.95 1.44 0.00	75.42 2.83 0.00	101.58 5.38 0.00	82.68 2.64 0.00	54.84 1.80 0.00	47.96 1.66 0.00	46.20 1.60 0.00	45.61 1.71 0.00	46.22 1.73 0.00	46.45 1.83 0.00	50.81 1.76 0.00	58.95 2.16 0.00	80.88 2.67 0.29	98.10 3.70 0.50	93.19 3.43 0.47	73.75 2.64 0.10	58.75 2.04 0.00	54.09 1.68 0.00	50.40 1.56 0.00
CPV_VALLEY__CC2 323722	46.54 1.66 0.00	45.54 1.58 0.00	43.36 1.34 0.00	42.64 1.40 0.00	44.42 1.38 0.00	47.95 1.44 0.00	75.42 2.83 0.00	101.58 5.38 0.00	82.68 2.64 0.00	54.84 1.80 0.00	47.96 1.66 0.00	46.20 1.60 0.00	45.61 1.71 0.00	46.22 1.73 0.00	46.45 1.83 0.00	50.81 1.76 0.00	58.95 2.16 0.00	80.88 2.67 0.29	98.10 3.70 0.50	93.19 3.43 0.47	73.75 2.64 0.10	58.75 2.04 0.00	54.09 1.68 0.00	50.40 1.56 0.00
CRESCENT__HYD 24018	46.04 1.16 0.00	44.97 1.01 0.00	42.94 0.92 0.00	42.15 0.91 0.00	44.03 0.99 0.00	47.58 1.07 0.00	74.41 1.82 0.00	98.99 2.79 0.00	81.40 1.36 0.00	53.67 0.64 0.00	46.57 0.28 0.00	45.00 0.40 0.00	44.34 0.44 0.00	44.93 0.44 0.00	45.20 0.58 0.00	49.97 0.93 0.00	58.22 1.42 0.00	80.54 2.04 0.00	97.66 2.75 0.00	92.39 2.16 0.00	73.06 1.85 0.00	58.13 1.42 0.00	53.62 1.21 0.00	49.82 0.98 0.00
CRICKET__VALLEY_CC1 323756	46.04 1.16 0.00	45.05 1.10 0.00	42.90 0.88 0.00	42.19 0.95 0.00	43.95 0.91 0.00	47.44 0.93 0.00	74.62 2.03 0.00	100.43 4.23 0.00	82.20 2.16 0.00	54.47 1.43 0.00	47.63 1.34 0.00	45.98 1.38 0.00	45.40 1.49 0.00	46.00 1.51 0.00	46.27 1.65 0.00	50.61 1.57 0.00	58.67 1.87 0.00	80.52 2.28 0.26	97.58 3.13 0.45	92.70 2.89 0.42	73.33 2.21 0.09	58.41 1.70 0.00	53.77 1.36 0.00	50.11 1.27 0.00
CRICKET__VALLEY_CC2 323757	46.04 1.16 0.00	45.05 1.10 0.00	42.90 0.88 0.00	42.19 0.95 0.00	43.95 0.91 0.00	47.44 0.93 0.00	74.62 2.03 0.00	100.43 4.23 0.00	82.20 2.16 0.00	54.47 1.43 0.00	47.63 1.34 0.00	45.98 1.38 0.00	45.40 1.49 0.00	46.00 1.51 0.00	46.27 1.65 0.00	50.61 1.57 0.00	58.67 1.87 0.00	80.52 2.28 0.26	97.58 3.13 0.45	92.70 2.89 0.42	73.33 2.21 0.09	58.41 1.70 0.00	53.77 1.36 0.00	50.11 1.27 0.00
CRICKET__VALLEY_CC3 323758	46.04 1.16 0.00	45.05 1.10 0.00	42.90 0.88 0.00	42.19 0.95 0.00	43.95 0.91 0.00	47.44 0.93 0.00	74.62 2.03 0.00	100.43 4.23 0.00	82.20 2.16 0.00	54.47 1.43 0.00	47.63 1.34 0.00	45.98 1.38 0.00	45.40 1.49 0.00	46.00 1.51 0.00	46.27 1.65 0.00	50.61 1.57 0.00	58.67 1.87 0.00	80.52 2.28 0.26	97.58 3.13 0.45	92.70 2.89 0.42	73.33 2.21 0.09	58.41 1.70 0.00	53.77 1.36 0.00	50.11 1.27 0.00
CRUCIBLE_METL_DRP 24180	44.52 -0.36 0.00	43.60 -0.35 0.00	41.68 -0.34 0.00	40.87 -0.37 0.00	42.70 -0.34 0.00	46.19 -0.33 0.00	72.01 -0.58 0.00	96.00 -0.19 0.00	79.40 -0.64 0.00	52.61 -0.42 0.00	45.97 -0.32 0.00	44.15 -0.45 0.00	43.42 -0.48 0.00	43.99 -0.49 0.00	44.13 -0.49 0.00	48.46 -0.59 0.00	56.11 -0.68 0.00	76.95 -0.86 0.69	92.97 -0.76 1.18	88.41 -0.72 1.09	70.26 -0.71 0.24	56.09 -0.62 0.00	51.78 -0.63 0.00	48.30 -0.54 0.00
DAHOWA__HYDRO 323763	46.40 1.53 0.00	45.45 1.50 0.00	43.45 1.43 0.00	42.56 1.32 0.00	44.51 1.46 0.00	48.09 1.58 0.00	75.28 2.69 0.00	100.43 4.23 0.00	82.36 2.32 0.00	53.93 0.90 0.00	46.57 0.28 0.00	44.91 0.31 0.00	44.25 0.35 0.00	44.88 0.40 0.00	45.16 0.54 0.00	49.93 0.88 0.00	58.27 1.47 0.00	81.09 2.59 0.00	98.51 3.61 0.00	93.12 2.89 0.00	73.63 2.42 0.00	58.47 1.76 0.00	53.98 1.57 0.00	50.20 1.37 0.00
DANC__LFGE 323619	45.28 0.40 0.00	44.44 0.48 0.00	42.48 0.46 0.00	41.61 0.37 0.00	43.56 0.52 0.00	47.25 0.74 0.00	73.97 1.38 0.00	98.69 2.50 0.00	81.40 1.36 0.00	53.30 0.27 0.00	46.48 0.19 0.00	44.60 0.00 0.00	43.77 -0.13 0.00	44.48 0.00 0.00	44.44 -0.18 0.00	49.09 0.05 0.00	56.80 0.00 0.00	78.82 0.32 0.00	95.66 0.76 0.00	91.13 0.90 0.00	71.71 0.50 0.00	57.17 0.45 0.00	52.78 0.37 0.00	49.38 0.54 0.00
DANSKAMMER__1 23586	46.90 2.02 0.00	45.84 1.89 0.00	43.70 1.68 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.28 1.77 0.00	76.15 3.56 0.00	102.54 6.35 0.00	83.72 3.68 0.00	55.36 2.33 0.00	48.33 2.03 0.00	46.52 1.92 0.00	45.92 2.02 0.00	46.57 2.09 0.00	46.81 2.19 0.00	51.20 2.16 0.00	59.58 2.78 0.00	82.00 3.77 0.27	99.66 5.22 0.46	94.58 4.78 0.43	74.68 3.56 0.09	59.44 2.72 0.00	54.72 2.30 0.00	50.84 2.00 0.00
DANSKAMMER__2 23589	46.90 2.02 0.00	45.84 1.89 0.00	43.70 1.68 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.28 1.77 0.00	76.15 3.56 0.00	102.54 6.35 0.00	83.72 3.68 0.00	55.36 2.33 0.00	48.33 2.03 0.00	46.52 1.92 0.00	45.92 2.02 0.00	46.57 2.09 0.00	46.81 2.19 0.00	51.20 2.16 0.00	59.58 2.78 0.00	82.00 3.77 0.27	99.66 5.22 0.46	94.58 4.78 0.43	74.68 3.56 0.09	59.44 2.72 0.00	54.72 2.30 0.00	50.84 2.00 0.00
DANSKAMMER__3 23590	46.90 2.02 0.00	45.84 1.89 0.00	43.70 1.68 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.28 1.77 0.00	76.15 3.56 0.00	102.54 6.35 0.00	83.72 3.68 0.00	55.36 2.33 0.00	48.33 2.03 0.00	46.52 1.92 0.00	45.92 2.02 0.00	46.57 2.09 0.00	46.81 2.19 0.00	51.20 2.16 0.00	59.58 2.78 0.00	82.00 3.77 0.27	99.66 5.22 0.46	94.58 4.78 0.43	74.68 3.56 0.09	59.44 2.72 0.00	54.72 2.30 0.00	50.84 2.00 0.00

DANSKAMMER___4 23591	46.90 2.02 0.00	45.84 1.89 0.00	43.70 1.68 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.28 1.77 0.00	76.15 3.56 0.00	102.54 6.35 0.00	83.72 3.68 0.00	55.36 2.33 0.00	48.33 2.03 0.00	46.52 1.92 0.00	45.92 2.02 0.00	46.57 2.09 0.00	46.81 2.19 0.00	51.20 2.16 0.00	59.58 2.78 0.00	82.00 3.77 0.27	99.66 5.22 0.46	94.58 4.78 0.43	74.68 3.56 0.09	59.44 2.72 0.00	54.72 2.30 0.00	50.84 2.00 0.00
DANSKAMMER___DIESEL 23592	46.85 1.97 0.00	45.80 1.85 0.00	43.62 1.60 0.00	42.93 1.69 0.00	44.76 1.72 0.00	48.23 1.72 0.00	76.15 3.56 0.00	102.55 6.35 0.00	83.72 3.68 0.00	55.37 2.33 0.00	48.33 2.04 0.00	46.56 1.96 0.00	45.96 2.06 0.00	46.57 2.09 0.00	46.81 2.19 0.00	51.25 2.21 0.00	59.52 2.73 0.00	81.92 3.69 0.27	99.66 5.22 0.47	94.40 4.60 0.43	74.68 3.56 0.09	59.44 2.72 0.00	54.72 2.31 0.00	50.79 1.95 0.00
DARBY___SOLAR 323810	46.31 1.44 0.00	45.32 1.36 0.00	43.32 1.30 0.00	42.48 1.24 0.00	44.38 1.34 0.00	47.95 1.44 0.00	75.06 2.47 0.00	100.05 3.85 0.00	82.12 2.08 0.00	53.83 0.80 0.00	46.52 0.23 0.00	44.87 0.27 0.00	44.21 0.31 0.00	44.84 0.35 0.00	45.11 0.49 0.00	49.93 0.88 0.00	58.22 1.42 0.00	80.94 2.44 0.00	98.23 3.32 0.00	92.93 2.70 0.00	73.49 2.28 0.00	58.41 1.70 0.00	53.88 1.47 0.00	50.11 1.27 0.00
DASHVILLE___HYD 23610	46.54 1.66 0.00	45.45 1.49 0.00	43.32 1.30 0.00	42.64 1.40 0.00	44.42 1.38 0.00	47.86 1.35 0.00	75.50 2.90 0.00	101.58 5.39 0.00	82.76 2.72 0.00	54.68 1.64 0.00	47.63 1.34 0.00	45.89 1.29 0.00	45.26 1.36 0.00	45.91 1.42 0.00	46.09 1.47 0.00	50.52 1.47 0.00	58.78 1.99 0.00	80.99 2.75 0.26	98.44 3.99 0.45	93.24 3.43 0.42	73.76 2.63 0.09	58.76 2.04 0.00	54.14 1.73 0.00	50.26 1.42 0.00
DELAWARE___LFGE 323621	45.86 0.99 0.00	44.92 0.97 0.00	42.99 0.97 0.00	42.19 0.95 0.00	44.03 0.99 0.00	47.53 1.02 0.00	74.48 1.89 0.00	99.85 3.66 0.00	81.96 1.92 0.00	54.09 1.06 0.00	47.22 0.93 0.00	45.45 0.85 0.00	44.69 0.79 0.00	45.37 0.89 0.00	45.47 0.85 0.00	50.07 1.03 0.00	58.16 1.36 0.00	79.60 1.81 0.71	96.26 2.56 1.21	91.35 2.26 1.13	72.80 1.78 0.19	58.08 1.36 0.00	53.46 1.05 0.00	49.82 0.98 0.00
DERFIELD_115KV_TB7 355931	45.01 0.13 0.00	44.04 0.09 0.00	42.14 0.13 0.00	41.32 0.08 0.00	43.17 0.13 0.00	46.60 0.09 0.00	72.88 0.29 0.00	96.87 0.67 0.00	80.20 0.16 0.00	53.09 0.05 0.00	46.29 0.00 0.00	44.60 0.00 0.00	43.90 0.00 0.00	44.53 0.04 0.00	44.67 0.04 0.00	49.14 0.10 0.00	56.97 0.17 0.00	78.74 0.24 0.00	95.28 0.38 0.00	90.50 0.27 0.00	71.43 0.21 0.00	56.88 0.17 0.00	52.52 0.10 0.00	48.89 0.05 0.00
DOGLEVILLE___HYD 23807	46.76 1.88 0.00	45.85 1.89 0.00	43.83 1.81 0.00	43.01 1.77 0.00	44.94 1.89 0.00	48.51 2.00 0.00	75.86 3.27 0.00	100.81 4.62 0.00	83.40 3.36 0.00	55.05 2.02 0.00	48.14 1.85 0.00	46.34 1.74 0.00	45.61 1.71 0.00	46.31 1.82 0.00	46.32 1.70 0.00	51.01 1.96 0.00	59.12 2.33 0.00	81.64 3.14 0.00	98.80 3.89 0.00	93.75 3.52 0.00	73.85 2.63 0.00	58.87 2.16 0.00	54.19 1.78 0.00	50.55 1.71 0.00
DUNKIRK___115KV_TB_200 55889	44.29 -0.58 0.00	43.96 0.00 0.00	42.02 0.00 0.00	40.79 -0.45 0.00	42.61 -0.43 0.00	45.86 -0.65 0.00	69.11 -3.48 0.00	89.84 -6.35 0.01	73.85 -6.16 0.02	50.33 -2.70 0.00	44.53 -1.76 0.00	42.41 -2.19 0.00	41.66 -2.24 0.00	42.04 -2.45 0.00	41.99 -2.63 0.00	45.56 -3.48 0.00	52.62 -4.15 0.03	71.32 -5.73 1.45	86.05 -6.36 2.50	81.52 -6.41 2.30	64.79 -5.70 0.72	52.04 -4.65 0.03	48.35 -4.04 0.03	45.81 -3.03 0.00
DUNKIRK___1 23563	44.29 -0.58 0.00	43.96 0.00 0.00	42.02 0.00 0.00	40.79 -0.45 0.00	42.61 -0.43 0.00	45.86 -0.65 0.00	69.11 -3.48 0.00	89.84 -6.35 0.01	73.85 -6.16 0.02	50.33 -2.70 0.00	44.53 -1.76 0.00	42.41 -2.19 0.00	41.66 -2.24 0.00	42.04 -2.45 0.00	41.99 -2.63 0.00	45.56 -3.48 0.00	52.62 -4.15 0.03	71.32 -5.73 1.45	86.05 -6.36 2.50	81.52 -6.41 2.30	64.79 -5.70 0.72	52.04 -4.65 0.03	48.35 -4.04 0.03	45.81 -3.03 0.00
DUNKIRK___2 23564	44.29 -0.58 0.00	43.96 0.00 0.00	42.02 0.00 0.00	40.79 -0.45 0.00	42.61 -0.43 0.00	45.86 -0.65 0.00	69.11 -3.48 0.00	89.84 -6.35 0.01	73.85 -6.16 0.02	50.33 -2.70 0.00	44.53 -1.76 0.00	42.41 -2.19 0.00	41.66 -2.24 0.00	42.04 -2.45 0.00	41.99 -2.63 0.00	45.56 -3.48 0.00	52.62 -4.15 0.03	71.32 -5.73 1.45	86.05 -6.36 2.50	81.52 -6.41 2.30	64.79 -5.70 0.72	52.04 -4.65 0.03	48.35 -4.04 0.03	45.81 -3.03 0.00
DUNKIRK___3 23565	44.11 -0.76 0.00	43.74 -0.22 0.00	41.85 -0.17 0.00	40.58 -0.66 0.00	42.40 -0.65 0.00	45.67 -0.84 0.00	68.67 -3.92 0.00	89.36 -6.83 0.01	73.45 -6.56 0.02	50.06 -2.97 0.00	44.25 -2.04 0.00	42.19 -2.41 0.00	41.40 -2.50 0.00	41.81 -2.67 0.00	41.72 -2.90 0.00	45.32 -3.73 0.00	52.40 -4.37 0.03	71.01 -6.04 1.45	85.76 -6.64 2.50	81.16 -6.77 2.30	64.65 -5.84 0.72	51.98 -4.71 0.03	48.19 -4.19 0.02	45.66 -3.17 0.00
DUNKIRK___4 23566	44.11 -0.76 0.00	43.74 -0.22 0.00	41.85 -0.17 0.00	40.58 -0.66 0.00	42.40 -0.65 0.00	45.67 -0.84 0.00	68.67 -3.92 0.00	89.36 -6.83 0.01	73.45 -6.56 0.02	50.06 -2.97 0.00	44.25 -2.04 0.00	42.19 -2.41 0.00	41.40 -2.50 0.00	41.81 -2.67 0.00	41.72 -2.90 0.00	45.32 -3.73 0.00	52.40 -4.37 0.03	71.01 -6.04 1.45	85.76 -6.64 2.50	81.16 -6.77 2.30	64.65 -5.84 0.72	51.98 -4.71 0.03	48.19 -4.19 0.02	45.66 -3.17 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.81 1.93 0.00	45.71 1.76 0.00	43.53 1.51 0.00	42.89 1.65 0.00	44.64 1.59 0.00	48.19 1.67 0.00	76.01 3.41 0.00	102.45 6.25 0.00	83.80 3.76 0.00	55.58 2.55 0.00	48.65 2.36 0.00	47.01 2.41 0.00	46.40 2.50 0.00	47.02 2.54 0.00	47.25 2.63 0.00	51.69 2.65 0.00	59.86 3.07 0.00	82.08 3.85 0.27	99.56 5.12 0.47	94.40 4.60 0.43	74.75 3.63 0.09	59.49 2.78 0.00	54.72 2.31 0.00	50.89 2.05 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	46.72 1.84 0.00	45.67 1.71 0.00	43.49 1.47 0.00	42.81 1.57 0.00	44.64 1.59 0.00	48.09 1.58 0.00	75.86 3.27 0.00	102.16 5.96 0.00	83.32 3.28 0.00	55.21 2.17 0.00	48.19 1.90 0.00	46.47 1.87 0.00	45.88 1.98 0.00	46.48 2.00 0.00	46.72 2.10 0.00	51.15 2.11 0.00	59.35 2.56 0.00	81.60 3.38 0.28	99.17 4.75 0.48	93.94 4.15 0.44	74.32 3.20 0.10	59.21 2.50 0.00	54.51 2.10 0.00	50.65 1.81 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	47.30 2.42 0.00	46.20 2.24 0.00	43.95 1.93 0.00	43.30 2.06 0.00	45.07 2.02 0.00	48.65 2.14 0.00	76.44 3.85 0.00	103.22 7.02 0.00	84.04 4.00 0.00	56.00 2.97 0.00	48.84 2.55 0.00	47.19 2.59 0.00	46.62 2.72 0.00	47.20 2.71 0.00	47.52 2.90 0.00	51.99 2.94 0.00	59.98 3.18 0.00	81.76 3.53 0.27	99.09 4.65 0.47	93.94 4.15 0.43	74.32 3.20 0.10	59.89 3.18 0.00	55.29 2.88 0.00	51.38 2.54 0.00

E179THST_13_KV_LOAD 356214	47.48 2.60 0.00	46.37 2.42 0.00	44.12 2.10 0.00	43.43 2.19 0.00	45.24 2.20 0.00	48.84 2.33 0.00	76.80 4.21 0.00	103.60 7.41 0.00	84.36 4.32 0.00	56.21 3.18 0.00	49.07 2.78 0.00	47.36 2.77 0.00	46.80 2.90 0.00	47.37 2.89 0.00	47.70 3.08 0.00	52.23 3.19 0.00	60.26 3.46 0.00	82.15 3.93 0.27	99.56 5.12 0.47	94.40 4.60 0.43	74.68 3.56 0.10	60.12 3.40 0.00	55.50 3.09 0.00	51.57 2.74 0.00
EAST HAMPTON___GT 23717	47.75 2.87 0.00	47.12 3.17 0.00	44.67 2.65 0.00	43.67 2.43 0.00	45.37 2.32 0.00	48.23 1.72 0.00	55.16 2.47 19.91	81.41 4.90 19.69	57.01 2.56 25.59	47.68 1.12 6.47	48.23 1.94 0.00	46.33 1.74 0.00	45.79 1.89 0.00	46.26 1.78 0.00	47.02 2.41 0.00	50.51 1.47 0.00	58.44 1.65 0.01	72.77 1.18 6.91	92.81 1.61 3.70	86.21 1.26 5.28	72.17 1.07 0.11	57.73 1.02 0.00	52.23 0.32 0.50	49.81 0.98 0.01
EAST RIVER___6 23660	46.72 1.84 0.00	45.67 1.71 0.00	43.40 1.38 0.00	42.68 1.44 0.00	44.46 1.42 0.00	48.09 1.58 0.00	75.86 3.27 0.00	102.45 6.25 0.00	83.80 3.76 0.00	55.74 2.70 0.00	48.84 2.54 0.00	47.14 2.54 0.00	46.54 2.63 0.00	47.15 2.67 0.00	47.48 2.86 0.00	51.84 2.79 0.00	60.15 3.35 0.00	82.15 3.92 0.27	99.56 5.12 0.47	94.49 4.69 0.43	74.68 3.56 0.09	59.55 2.83 0.00	54.77 2.36 0.00	50.99 2.15 0.00
EAST RIVER___7 23524	46.72 1.84 0.00	45.67 1.71 0.00	43.40 1.38 0.00	42.68 1.44 0.00	44.46 1.42 0.00	48.09 1.58 0.00	75.86 3.27 0.00	102.45 6.25 0.00	83.80 3.76 0.00	55.74 2.70 0.00	48.84 2.54 0.00	47.14 2.54 0.00	46.54 2.63 0.00	47.15 2.67 0.00	47.48 2.86 0.00	51.84 2.79 0.00	60.15 3.35 0.00	82.15 3.92 0.27	99.56 5.12 0.47	94.49 4.69 0.43	74.68 3.56 0.09	59.55 2.83 0.00	54.77 2.36 0.00	50.99 2.15 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.72 1.84 0.00	45.67 1.71 0.00	43.49 1.47 0.00	42.81 1.57 0.00	44.59 1.55 0.00	48.14 1.63 0.00	75.93 3.34 0.00	102.26 6.06 0.00	83.56 3.52 0.00	55.42 2.39 0.00	48.56 2.27 0.00	46.87 2.27 0.00	46.27 2.37 0.00	46.88 2.40 0.00	47.16 2.54 0.00	51.55 2.50 0.00	59.69 2.90 0.00	81.92 3.69 0.27	99.37 4.94 0.47	94.21 4.42 0.43	74.54 3.42 0.09	59.38 2.67 0.00	54.61 2.20 0.00	50.79 1.95 0.00
EAST_HAMPTON___DIESEL 23722	47.75 2.87 0.00	47.12 3.17 0.00	44.67 2.65 0.00	43.67 2.43 0.00	45.37 2.32 0.00	48.18 1.67 0.00	55.08 2.39 19.91	81.32 4.81 19.69	56.94 2.48 25.59	47.62 1.06 6.47	48.19 1.90 0.00	46.29 1.69 0.00	45.75 1.84 0.00	46.21 1.73 0.00	46.98 2.36 0.00	50.46 1.42 0.00	58.32 1.53 0.01	72.61 1.02 6.91	92.63 1.43 3.70	86.03 1.09 5.28	72.03 0.92 0.11	57.61 0.90 0.00	52.12 0.21 0.50	49.76 0.93 0.01
EAST_POINT___SOLAR 323840	46.63 1.75 0.00	45.76 1.80 0.00	43.74 1.72 0.00	42.81 1.57 0.00	44.89 1.85 0.00	48.88 2.37 0.00	76.51 3.92 0.00	102.26 6.06 0.00	81.80 1.76 0.00	52.50 -0.53 0.00	45.04 -1.25 0.00	43.40 -1.20 0.00	42.81 -1.10 0.00	43.68 -0.80 0.00	44.13 -0.49 0.00	49.24 0.20 0.00	57.99 1.19 0.00	81.35 3.14 0.29	99.34 4.93 0.50	94.01 4.24 0.46	74.39 3.28 0.10	59.21 2.49 0.00	54.40 1.99 0.00	50.65 1.81 0.00
EAST_PULASKI___ESR 323781	44.52 -0.36 0.00	43.65 -0.31 0.00	41.73 -0.29 0.00	40.91 -0.33 0.00	42.74 -0.30 0.00	46.33 -0.19 0.00	72.30 -0.29 0.00	96.39 0.19 0.00	79.64 -0.40 0.00	52.50 -0.53 0.00	45.83 -0.46 0.00	44.02 -0.58 0.00	43.24 -0.66 0.00	43.90 -0.58 0.00	43.95 -0.67 0.00	48.41 -0.64 0.00	55.83 -0.97 0.00	77.58 -1.26 -0.34	94.25 -1.24 -0.59	89.69 -1.08 -0.54	70.33 -1.00 -0.12	55.98 -0.74 0.00	51.89 -0.52 0.00	48.45 -0.39 0.00
EAST_RIVER___1 323558	47.08 2.20 0.00	46.02 2.07 0.00	43.74 1.72 0.00	43.05 1.81 0.00	44.81 1.77 0.00	48.46 1.95 0.00	76.44 3.84 0.00	103.13 6.93 0.00	84.36 4.32 0.00	56.00 2.97 0.00	49.07 2.78 0.00	47.37 2.77 0.00	46.75 2.85 0.00	47.37 2.89 0.00	47.66 3.04 0.00	52.09 3.04 0.00	60.43 3.64 0.00	82.62 4.39 0.27	100.23 5.79 0.47	95.12 5.32 0.43	75.18 4.06 0.09	59.89 3.17 0.00	55.14 2.72 0.00	51.33 2.49 0.00
EAST_RIVER___2 323559	46.72 1.84 0.00	45.67 1.71 0.00	43.40 1.38 0.00	42.68 1.44 0.00	44.46 1.42 0.00	48.09 1.58 0.00	75.86 3.27 0.00	102.45 6.25 0.00	83.80 3.76 0.00	55.74 2.70 0.00	48.84 2.54 0.00	47.14 2.54 0.00	46.54 2.63 0.00	47.15 2.67 0.00	47.48 2.86 0.00	51.84 2.79 0.00	60.15 3.35 0.00	82.15 3.92 0.27	99.56 5.12 0.47	94.49 4.69 0.43	74.68 3.56 0.09	59.55 2.83 0.00	54.77 2.36 0.00	50.99 2.15 0.00
EAST___DELAWARE_HYD 23607	47.12 2.24 0.00	46.07 2.11 0.00	43.91 1.89 0.00	43.18 1.94 0.00	44.98 1.94 0.00	48.56 2.04 0.00	76.58 3.99 0.00	103.13 6.93 0.00	84.36 4.32 0.00	55.53 2.49 0.00	48.33 2.03 0.00	46.47 1.87 0.00	45.83 1.93 0.00	46.53 2.05 0.00	46.68 2.05 0.00	51.15 2.11 0.00	59.69 2.90 0.00	82.22 4.00 0.28	100.02 5.60 0.49	95.01 5.23 0.45	75.03 3.91 0.10	59.72 3.00 0.00	54.93 2.52 0.00	51.04 2.20 0.00
EIGHT_POINT___WT_PWR 323820	44.92 0.04 0.00	44.18 0.22 0.00	42.35 0.33 0.00	41.32 0.08 0.00	43.26 0.22 0.00	46.60 0.09 0.00	71.29 -1.30 0.00	92.62 -3.56 0.02	75.18 -4.80 0.06	50.49 -2.54 0.00	44.35 -1.94 0.00	42.42 -2.18 0.00	41.57 -2.33 0.00	42.12 -2.36 0.00	41.99 -2.63 0.00	45.66 -3.38 0.00	52.87 -3.86 0.06	72.23 -4.87 1.40	87.35 -5.13 2.43	82.71 -5.32 2.20	65.68 -4.48 1.04	52.85 -3.80 0.06	48.74 -3.62 0.06	46.11 -2.73 0.00
ELBRIDGE_115KV_TB2 80188	44.29 -0.58 0.00	43.38 -0.57 0.00	41.47 -0.55 0.00	40.66 -0.58 0.00	42.48 -0.56 0.00	45.95 -0.56 0.00	71.58 -1.02 0.00	95.43 -0.77 0.00	78.84 -1.20 0.00	52.29 -0.74 0.00	45.69 -0.60 0.00	43.89 -0.71 0.00	43.16 -0.75 0.00	43.73 -0.76 0.00	43.86 -0.76 0.00	48.16 -0.88 0.00	55.77 -1.02 0.00	76.51 -1.26 0.74	92.31 -1.33 1.27	87.79 -1.26 1.18	69.82 -1.14 0.26	55.75 -0.96 0.00	51.52 -0.89 0.00	48.06 -0.78 0.00
ELEC_TRO_TEK 24086	46.72 1.84 0.00	45.85 1.89 0.00	43.66 1.64 0.00	42.93 1.69 0.00	44.72 1.68 0.00	47.86 1.35 0.00	59.09 2.40 15.89	85.48 5.00 15.72	62.25 2.64 20.43	49.62 1.75 5.17	48.58 2.27 -0.02	46.76 2.14 -0.02	46.27 2.37 0.00	46.73 2.22 -0.02	47.27 2.63 -0.02	51.07 2.01 -0.02	59.12 2.33 0.01	79.50 2.83 1.82	97.73 3.89 1.07	92.33 3.43 1.32	73.82 2.71 0.10	59.00 2.27 -0.02	53.86 1.57 0.12	50.20 1.37 0.01
ELLENBURG_WT_PWR 323604	45.46 0.58 0.00	44.62 0.66 0.00	42.61 0.59 0.00	41.90 0.66 0.00	43.69 0.65 0.00	47.16 0.65 0.00	73.11 0.51 0.00	95.72 -0.48 0.00	80.52 0.48 0.00	53.56 0.53 0.00	46.85 0.56 0.00	45.18 0.58 0.00	44.39 0.48 0.00	44.88 0.40 0.00	44.98 0.36 0.00	49.43 0.39 0.00	57.02 0.23 0.00	78.66 0.16 0.00	94.62 -0.28 0.00	90.41 0.18 0.00	71.36 0.14 0.00	56.94 0.23 0.00	52.88 0.47 0.00	49.23 0.39 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.84 -1.03 0.00	43.47 -0.48 0.00	41.56 -0.46 0.00	40.29 -0.95 0.00	42.10 -0.95 0.00	45.35 -1.16 0.00	67.73 -4.86 0.00	88.11 -8.08 0.01	72.57 -7.44 0.02	49.64 -3.39 0.00	43.88 -2.41 0.00	41.79 -2.81 0.00	41.05 -2.85 0.00	41.37 -3.11 0.00	41.32 -3.30 0.00	44.92 -4.12 0.00	51.60 -5.17 0.02	69.90 -7.14 1.46	84.04 -8.35 2.51	80.16 -7.76 2.31	63.45 -7.05 0.71	51.13 -5.56 0.02	47.93 -4.45 0.02	45.52 -3.32 0.00
EMPIRE_CC_1 323656	45.28 0.40 0.00	44.35 0.39 0.00	42.23 0.21 0.00	41.45 0.21 0.00	43.35 0.30 0.00	46.79 0.28 0.00	73.17 0.58 0.00	97.36 1.16 0.00	80.04 0.00 0.00	52.87 -0.16 0.00	45.92 -0.37 0.00	44.42 -0.18 0.00	43.81 -0.09 0.00	44.39 -0.09 0.00	44.67 0.04 0.00	49.29 0.25 0.00	57.36 0.57 0.00	79.13 0.63 0.00	95.95 1.05 0.00	90.77 0.54 0.00	71.85 0.64 0.00	57.22 0.51 0.00	52.78 0.37 0.00	49.04 0.20 0.00
EMPIRE_CC_2 323658	45.28 0.40 0.00	44.35 0.39 0.00	42.23 0.21 0.00	41.45 0.21 0.00	43.35 0.30 0.00	46.79 0.28 0.00	73.17 0.58 0.00	97.36 1.16 0.00	80.04 0.00 0.00	52.87 -0.16 0.00	45.92 -0.37 0.00	44.42 -0.18 0.00	43.81 -0.09 0.00	44.39 -0.09 0.00	44.67 0.04 0.00	49.29 0.25 0.00	57.36 0.57 0.00	79.13 0.63 0.00	95.95 1.05 0.00	90.77 0.54 0.00	71.85 0.64 0.00	57.22 0.51 0.00	52.78 0.37 0.00	49.04 0.20 0.00
ENORWICH_115KV_TB1 80156	47.39 2.51 0.00	46.64 2.68 0.00	44.54 2.52 0.00	43.63 2.39 0.00	45.71 2.67 0.00	49.77 3.26 0.00	78.26 5.66 0.00	104.96 8.75 -0.01	85.99 5.92 -0.03	55.63 2.60 0.00	48.33 2.04 0.00	46.21 1.61 0.00	45.17 1.27 0.00	46.13 1.65 0.00	45.83 1.20 0.00	51.05 2.01 0.00	59.95 3.12 -0.03	82.34 4.95 1.11	100.34 7.31 1.87	95.22 6.77 1.78	76.10 4.91 0.03	60.32 3.57 -0.03	55.06 2.62 -0.03	51.43 2.59 0.00
ERIE_ST__34_KV_TB1-2 80199	43.75 -1.12 0.00	43.34 -0.62 0.00	41.43 -0.59 0.00	40.21 -1.03 0.00	42.01 -1.03 0.00	45.26 -1.26 0.00	68.02 -4.57 0.00	88.69 -7.60 0.01	73.37 -6.64 0.02	49.74 -3.29 0.00	43.93 -2.36 0.00	41.88 -2.72 0.00	41.09 -2.81 0.00	41.46 -3.02 0.00	41.41 -3.21 0.00	44.97 -4.07 0.00	53.02 -3.75 0.03	71.55 -5.50 1.45	87.19 -5.22 2.50	81.43 -6.50 2.30	66.01 -4.56 0.65	52.78 -3.91 0.03	47.98 -4.40 0.02	45.37 -3.47 0.00
ERIE_WT_PWR 323693	43.80 -1.08 0.00	43.21 -0.75 0.00	41.56 -0.46 0.00	40.37 -0.87 0.00	42.22 -0.82 0.00	45.44 -1.07 0.00	68.09 -4.50 0.00	88.59 -7.60 0.01	73.05 -6.96 0.02	49.80 -3.24 0.00	44.02 -2.27 0.00	42.01 -2.59 0.00	41.27 -2.63 0.00	41.72 -2.76 0.00	41.59 -3.04 0.00	45.17 -3.88 0.00	51.77 -5.00 0.02	70.54 -6.51 1.45	84.92 -7.50 2.48	80.54 -7.40 2.29	64.32 -6.20 0.70	51.81 -4.88 0.02	48.14 -4.24 0.02	45.57 -3.27 0.00
ESPRGFLD_115KV_TB1 80157	45.91 1.03 0.00	45.05 1.10 0.00	43.07 1.05 0.00	42.23 0.99 0.00	44.21 1.16 0.00	47.95 1.44 0.00	75.13 2.54 0.00	100.72 4.52 0.00	81.96 1.92 0.00	53.51 0.48 0.00	46.43 0.14 0.00	44.60 0.00 0.00	43.86 -0.04 0.00	44.62 0.13 0.00	44.71 0.09 0.00	49.53 0.49 0.00	57.87 1.08 0.00	80.11 2.04 0.43	97.49 3.32 0.74	92.43 2.89 0.68	73.20 2.14 0.15	58.36 1.64 0.00	53.56 1.15 0.00	49.91 1.07 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	45.46 0.58 0.00	44.53 0.57 0.00	42.57 0.55 0.00	41.69 0.45 0.00	43.60 0.56 0.00	47.21 0.70 0.00	73.68 1.09 0.00	98.54 2.31 -0.03	81.07 0.96 -0.07	53.46 0.42 0.00	46.62 0.32 0.00	44.73 0.13 0.00	43.90 0.00 0.00	44.57 0.09 0.00	44.67 0.04 0.00	49.14 0.10 0.00	57.22 0.34 -0.08	78.02 0.79 1.27	94.32 1.52 2.11	89.54 1.35 2.05	72.51 0.93 -0.38	57.42 0.62 -0.08	52.79 0.31 -0.07	49.23 0.39 0.00
ETNA____115KV_TB2 80207	45.46 0.58 0.00	44.53 0.57 0.00	42.57 0.55 0.00	41.69 0.45 0.00	43.60 0.56 0.00	47.21 0.70 0.00	73.68 1.09 0.00	98.54 2.31 -0.03	81.07 0.96 -0.07	53.46 0.42 0.00	46.62 0.32 0.00	44.73 0.13 0.00	43.90 0.00 0.00	44.57 0.09 0.00	44.67 0.04 0.00	49.14 0.10 0.00	57.22 0.34 -0.08	78.02 0.79 1.27	94.32 1.52 2.11	89.54 1.35 2.05	72.51 0.93 -0.38	57.42 0.62 -0.08	52.79 0.31 -0.07	49.23 0.39 0.00
EUCLID___115KV_TB2 356179	44.07 -0.81 0.00	43.21 -0.75 0.00	41.30 -0.71 0.00	40.46 -0.78 0.00	42.27 -0.77 0.00	45.72 -0.79 0.00	71.14 -1.45 0.00	94.75 -1.44 0.00	78.36 -1.68 0.00	52.03 -1.01 0.00	45.46 -0.83 0.00	43.71 -0.89 0.00	42.98 -0.92 0.00	43.55 -0.93 0.00	43.68 -0.94 0.00	47.97 -1.08 0.00	55.49 -1.31 0.00	75.51 -1.73 1.26	90.74 -1.99 2.17	86.41 -1.80 2.01	69.14 -1.64 0.44	55.41 -1.30 0.00	51.26 -1.15 0.00	47.81 -1.03 0.00
E_CANADA_CAP_HY 24051	45.91 1.03 0.00	45.05 1.10 0.00	43.07 1.05 0.00	42.19 0.95 0.00	44.21 1.16 0.00	48.04 1.53 0.00	75.13 2.54 0.00	100.43 4.23 0.00	81.24 1.20 0.00	52.72 -0.32 0.00	45.37 -0.93 0.00	43.62 -0.98 0.00	42.98 -0.92 0.00	43.77 -0.71 0.00	44.04 -0.58 0.00	48.95 -0.10 0.00	57.42 0.63 0.00	80.05 1.88 0.33	97.57 3.23 0.56	92.32 2.62 0.52	73.09 1.99 0.11	58.36 1.65 0.00	53.62 1.21 0.00	49.91 1.07 0.00
E_CANADA_MHWK_HY 24050	46.76 1.88 0.00	45.84 1.89 0.00	43.82 1.81 0.00	43.01 1.77 0.00	44.93 1.89 0.00	48.51 2.00 0.00	75.86 3.27 0.00	100.81 4.62 0.00	83.40 3.36 0.00	55.05 2.01 0.00	48.14 1.85 0.00	46.34 1.74 0.00	45.61 1.71 0.00	46.31 1.82 0.00	46.32 1.70 0.00	51.01 1.96 0.00	59.13 2.33 0.00	81.65 3.14 0.00	98.80 3.89 0.00	93.74 3.52 0.00	73.85 2.64 0.00	58.87 2.15 0.00	54.19 1.78 0.00	50.55 1.71 0.00
E_FISHKILL___LBMP 23776	46.40 1.53 0.00	45.36 1.41 0.00	43.24 1.22 0.00	42.56 1.32 0.00	44.33 1.29 0.00	47.81 1.30 0.00	75.28 2.69 0.00	101.39 5.19 0.00	82.92 2.88 0.00	54.99 1.96 0.00	48.10 1.81 0.00	46.43 1.83 0.00	45.83 1.93 0.00	46.44 1.96 0.00	46.67 2.05 0.00	51.10 2.06 0.00	59.18 2.39 0.00	81.22 2.98 0.27	98.52 4.08 0.46	93.41 3.61 0.43	73.97 2.85 0.09	58.93 2.21 0.00	54.25 1.83 0.00	50.45 1.61 0.00
FALCON___SEABRD_CC1 323796	45.69 0.81 0.00	44.83 0.88 0.00	42.86 0.84 0.00	42.15 0.91 0.00	43.90 0.86 0.00	47.16 0.65 0.00	72.38 -0.22 0.00	94.76 -1.44 0.00	79.80 -0.24 0.00	53.30 0.27 0.00	46.80 0.51 0.00	45.18 0.58 0.00	44.34 0.44 0.00	44.80 0.31 0.00	44.94 0.31 0.00	49.34 0.30 0.00	56.74 -0.06 0.00	77.87 -0.63 0.00	93.67 -1.24 0.00	89.60 -0.63 0.00	70.64 -0.57 0.00	56.54 -0.17 0.00	52.94 0.52 0.00	49.23 0.39 0.00
FALCON___SEABRD_CC2 323797	45.69 0.81 0.00	44.83 0.88 0.00	42.86 0.84 0.00	42.15 0.91 0.00	43.90 0.86 0.00	47.16 0.65 0.00	72.38 -0.22 0.00	94.76 -1.44 0.00	79.80 -0.24 0.00	53.30 0.27 0.00	46.80 0.51 0.00	45.18 0.58 0.00	44.34 0.44 0.00	44.80 0.31 0.00	44.94 0.31 0.00	49.34 0.30 0.00	56.74 -0.06 0.00	77.87 -0.63 0.00	93.67 -1.24 0.00	89.60 -0.63 0.00	70.64 -0.57 0.00	56.54 -0.17 0.00	52.94 0.52 0.00	49.23 0.39 0.00

FAR ROCKAWAY___4 23548	47.30 2.42 0.00	46.42 2.46 0.00	44.16 2.14 0.00	43.43 2.19 0.00	45.24 2.20 0.00	48.42 1.91 0.00	58.72 3.19 17.07	85.28 5.96 16.88	61.46 3.36 21.94	49.76 2.28 5.55	49.17 2.82 -0.05	47.27 2.63 -0.04	46.76 2.85 0.00	47.25 2.71 -0.05	47.80 3.12 -0.05	51.65 2.55 -0.05	59.80 3.01 0.01	81.33 3.77 0.94	99.21 5.03 0.73	94.01 4.60 0.82	74.81 3.70 0.10	59.77 3.01 -0.05	54.56 2.20 0.06	50.74 1.90 0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	47.03 2.15 0.00	45.93 1.98 0.00	43.66 1.64 0.00	43.05 1.81 0.00	44.81 1.76 0.00	48.42 1.91 0.00	76.51 3.92 0.00	103.12 6.93 0.00	84.36 4.32 0.00	56.00 2.97 0.00	49.07 2.78 0.00	47.41 2.81 0.00	46.80 2.90 0.00	47.37 2.89 0.00	47.66 3.03 0.00	52.13 3.09 0.00	60.32 3.52 0.00	82.63 4.40 0.27	100.23 5.79 0.47	95.03 5.23 0.43	75.18 4.06 0.09	59.89 3.18 0.00	55.14 2.73 0.00	51.23 2.39 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	47.03 2.15 0.00	45.93 1.98 0.00	43.70 1.68 0.00	43.05 1.81 0.00	44.85 1.81 0.00	48.42 1.91 0.00	76.51 3.92 0.00	103.12 6.93 0.00	84.36 4.32 0.00	56.00 2.97 0.00	49.07 2.78 0.00	47.41 2.81 0.00	46.80 2.90 0.00	47.37 2.89 0.00	47.70 3.08 0.00	52.13 3.09 0.00	60.32 3.52 0.00	82.63 4.40 0.27	100.23 5.79 0.47	95.03 5.23 0.43	75.18 4.06 0.09	59.89 3.18 0.00	55.14 2.73 0.00	51.23 2.39 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.99 2.11 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.81 1.76 0.00	48.42 1.91 0.00	76.44 3.85 0.00	103.12 6.93 0.00	84.36 4.32 0.00	56.00 2.97 0.00	49.07 2.78 0.00	47.36 2.77 0.00	46.80 2.90 0.00	47.37 2.89 0.00	47.66 3.03 0.00	52.13 3.09 0.00	60.32 3.52 0.00	82.55 4.32 0.27	100.13 5.69 0.47	94.94 5.14 0.43	75.11 3.99 0.09	59.83 3.12 0.00	55.08 2.67 0.00	51.18 2.34 0.00
FARRAGUT___LBMP 323566	46.99 2.11 0.00	45.89 1.93 0.00	43.62 1.60 0.00	43.01 1.77 0.00	44.76 1.72 0.00	48.37 1.86 0.00	76.37 3.77 0.00	103.03 6.83 0.00	84.28 4.24 0.00	55.95 2.92 0.00	49.02 2.73 0.00	47.32 2.72 0.00	46.76 2.85 0.00	47.33 2.85 0.00	47.61 2.99 0.00	52.08 3.04 0.00	60.26 3.46 0.00	82.55 4.32 0.27	100.13 5.69 0.47	94.85 5.05 0.43	75.11 3.99 0.09	59.83 3.12 0.00	55.08 2.67 0.00	51.18 2.34 0.00
FENNER___WINDPWR 24204	45.64 0.76 0.00	44.75 0.79 0.00	42.82 0.80 0.00	41.98 0.74 0.00	43.90 0.86 0.00	47.53 1.02 0.00	74.41 1.82 0.00	98.70 2.50 -0.01	81.33 1.28 -0.01	53.62 0.58 0.00	46.80 0.51 0.00	44.95 0.36 0.00	44.17 0.27 0.00	44.84 0.35 0.00	44.89 0.27 0.00	49.73 0.69 0.00	57.78 0.96 -0.02	79.04 1.57 1.03	95.35 2.18 1.74	90.66 2.08 1.64	72.54 1.50 0.17	57.87 1.13 -0.02	53.26 0.84 -0.01	49.67 0.83 0.00
FIBERTEK___ENERGY 23856	44.52 -0.36 0.00	43.60 -0.35 0.00	41.68 -0.34 0.00	40.87 -0.37 0.00	42.70 -0.34 0.00	46.19 -0.33 0.00	72.01 -0.58 0.00	96.00 -0.19 0.00	79.40 -0.64 0.00	52.61 -0.42 0.00	45.97 -0.32 0.00	44.15 -0.45 0.00	43.42 -0.48 0.00	43.99 -0.49 0.00	44.13 -0.49 0.00	48.46 -0.59 0.00	56.11 -0.68 0.00	76.95 -0.86 0.69	92.97 -0.76 1.18	88.41 -0.72 1.09	70.26 -0.71 0.24	56.09 -0.62 0.00	51.78 -0.63 0.00	48.30 -0.54 0.00
FITZPATRICK___ 23598	43.49 -1.39 0.00	42.59 -1.36 0.00	40.76 -1.26 0.00	39.96 -1.28 0.00	41.71 -1.33 0.00	45.12 -1.39 0.00	70.20 -2.39 0.00	93.40 -2.79 0.00	77.32 -2.72 0.00	51.28 -1.75 0.00	44.81 -1.48 0.00	43.13 -1.47 0.00	42.45 -1.45 0.00	43.02 -1.47 0.00	43.10 -1.52 0.00	47.38 -1.67 0.00	54.75 -2.04 0.00	75.75 -2.75 0.00	91.58 -3.32 0.00	87.07 -3.16 0.00	68.65 -2.56 0.00	54.68 -2.04 0.00	50.63 -1.78 0.00	47.23 -1.61 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.94 2.06 0.00	45.85 1.89 0.00	43.70 1.68 0.00	43.01 1.77 0.00	44.81 1.76 0.00	48.28 1.77 0.00	76.22 3.63 0.00	102.74 6.54 0.00	83.88 3.84 0.00	55.47 2.44 0.00	48.37 2.08 0.00	46.61 2.01 0.00	46.01 2.11 0.00	46.62 2.14 0.00	46.85 2.23 0.00	51.30 2.26 0.00	59.64 2.84 0.00	82.08 3.85 0.27	99.85 5.41 0.46	94.58 4.78 0.43	74.82 3.70 0.09	59.49 2.78 0.00	54.77 2.36 0.00	50.84 2.00 0.00
FORT ORANGE___ 23900	45.19 0.32 0.00	44.22 0.27 0.00	42.19 0.17 0.00	41.41 0.17 0.00	43.26 0.22 0.00	46.75 0.23 0.00	73.17 0.58 0.00	97.64 1.45 0.00	80.20 0.16 0.00	52.82 -0.21 0.00	45.87 -0.42 0.00	44.29 -0.31 0.00	43.68 -0.22 0.00	44.26 -0.22 0.00	44.53 -0.09 0.00	49.09 0.05 0.00	57.20 0.40 0.00	79.13 0.63 0.00	96.05 1.14 0.00	90.95 0.72 0.00	71.85 0.64 0.00	57.17 0.45 0.00	52.73 0.32 0.00	48.99 0.15 0.00
FORT_DRUM_COGEN 23780	46.27 1.39 0.00	45.49 1.54 0.00	43.45 1.43 0.00	42.56 1.32 0.00	44.55 1.51 0.00	48.46 1.95 0.00	76.22 3.63 0.00	101.78 5.58 0.00	83.88 3.84 0.00	54.41 1.38 0.00	47.31 1.02 0.00	45.40 0.80 0.00	44.52 0.61 0.00	45.33 0.85 0.00	45.11 0.49 0.00	50.02 0.98 0.00	58.10 1.31 0.00	80.78 2.28 0.00	98.13 3.23 0.00	93.66 3.43 0.00	73.56 2.35 0.00	58.70 1.99 0.00	53.98 1.57 0.00	50.60 1.76 0.00
FOX_HILLS___ESR 323835	47.43 2.56 0.00	46.33 2.37 0.00	44.08 2.06 0.00	43.43 2.19 0.00	45.28 2.24 0.00	48.84 2.33 0.00	76.96 4.36 -0.01	103.80 7.60 0.00	84.36 4.32 0.00	56.21 3.18 0.00	49.12 2.82 0.00	47.45 2.85 0.00	46.89 2.99 0.00	47.51 3.02 0.00	47.88 3.26 0.00	52.38 3.33 0.00	60.60 3.81 0.00	82.63 4.40 0.27	100.13 5.69 0.47	94.94 5.14 0.43	75.12 3.99 0.08	60.41 3.69 -0.01	55.71 3.30 0.00	51.62 2.78 0.00
FPL_FAR_ROCK_GT1 24212	47.43 2.56 0.00	46.59 2.64 0.00	44.24 2.23 0.00	43.42 2.18 0.00	45.24 2.19 0.00	48.56 2.04 0.00	58.71 3.19 17.07	85.28 5.97 16.88	61.46 3.36 21.94	49.76 2.28 5.55	49.17 2.82 -0.05	47.18 2.54 -0.04	46.58 2.68 0.00	47.21 2.67 -0.05	47.75 3.08 -0.05	51.55 2.45 -0.05	59.80 3.01 0.01	81.34 3.77 0.93	99.21 5.03 0.72	94.19 4.78 0.81	74.81 3.70 0.10	59.94 3.17 -0.05	54.61 2.25 0.06	51.03 2.20 0.01
FPL_FAR_ROCK_GT2 23815	47.43 2.56 0.00	46.59 2.64 0.00	44.24 2.23 0.00	43.42 2.18 0.00	45.24 2.19 0.00	48.56 2.04 0.00	58.71 3.19 17.07	85.28 5.97 16.88	61.46 3.36 21.94	49.76 2.28 5.55	49.17 2.82 -0.05	47.18 2.54 -0.04	46.58 2.68 0.00	47.21 2.67 -0.05	47.75 3.08 -0.05	51.55 2.45 -0.05	59.80 3.01 0.01	81.34 3.77 0.93	99.21 5.03 0.72	94.19 4.78 0.81	74.81 3.70 0.10	59.94 3.17 -0.05	54.61 2.25 0.06	51.03 2.20 0.01
FRANKLIN_FALL_HYD 24054	46.27 1.39 0.00	45.41 1.45 0.00	43.36 1.34 0.00	42.72 1.48 0.00	44.46 1.42 0.00	48.23 1.72 0.00	74.84 2.25 0.00	97.83 1.64 0.00	82.44 2.40 0.00	54.62 1.59 0.00	47.73 1.44 0.00	46.07 1.47 0.00	45.17 1.27 0.00	45.64 1.16 0.00	45.69 1.07 0.00	50.17 1.13 0.00	57.82 1.02 0.00	80.15 1.65 0.00	96.14 1.23 0.00	92.30 2.08 0.00	72.85 1.64 0.00	58.08 1.36 0.00	53.93 1.52 0.00	50.26 1.42 0.00

FREEPORT_EQUS_GT1 23764	47.03 2.15 0.00	46.20 2.24 0.00	43.87 1.85 0.00	43.10 1.86 0.00	44.89 1.85 0.00	48.14 1.63 0.00	58.80 2.54 16.33	85.14 5.09 16.15	61.78 2.72 20.99	49.47 1.75 5.31	48.67 2.36 -0.02	46.71 2.10 -0.01	46.18 2.28 0.00	46.77 2.27 -0.02	47.36 2.72 -0.02	51.07 2.01 -0.02	59.23 2.44 0.01	77.76 3.06 3.80	97.36 4.27 1.82	91.75 3.97 2.45	74.17 3.06 0.10	59.34 2.61 -0.02	53.87 1.73 0.27	50.64 1.81 0.01
FREEPORT___CT2 23818	47.03 2.15 0.00	46.20 2.24 0.00	43.87 1.85 0.00	43.10 1.86 0.00	44.89 1.85 0.00	48.14 1.63 0.00	58.80 2.54 16.33	85.14 5.09 16.15	61.78 2.72 20.99	49.47 1.75 5.31	48.67 2.36 -0.02	46.71 2.10 -0.01	46.18 2.28 0.00	46.77 2.27 -0.02	47.36 2.72 -0.02	51.07 2.01 -0.02	59.23 2.44 0.01	77.76 3.06 3.80	97.36 4.27 1.82	91.75 3.97 2.45	74.17 3.06 0.10	59.34 2.61 -0.02	53.87 1.73 0.27	50.64 1.81 0.01
FRESHKLS_33_KV_LOAD 356253	47.57 2.69 0.00	46.46 2.51 0.00	44.25 2.23 0.00	43.59 2.35 0.00	45.45 2.41 0.00	49.02 2.51 0.00	77.32 4.72 -0.01	104.28 8.08 0.00	84.68 4.64 0.00	56.43 3.39 0.00	49.30 3.01 0.00	47.63 3.03 0.00	47.06 3.16 0.00	47.69 3.20 0.00	48.06 3.44 0.00	52.62 3.58 0.00	60.89 4.09 0.00	83.10 4.87 0.27	100.70 6.26 0.47	95.48 5.68 0.43	75.47 4.34 0.08	60.69 3.97 -0.01	55.92 3.51 0.00	51.82 2.98 0.00
FULTON COGEN____ 23766	44.02 -0.85 0.00	43.12 -0.84 0.00	41.22 -0.80 0.00	40.42 -0.82 0.00	42.23 -0.82 0.00	45.67 -0.84 0.00	71.14 -1.45 0.00	94.85 -1.35 0.00	78.44 -1.60 0.00	51.97 -1.06 0.00	45.41 -0.88 0.00	43.62 -0.98 0.00	42.89 -1.01 0.00	43.50 -0.98 0.00	43.60 -1.03 0.00	47.92 -1.13 0.00	55.43 -1.36 0.00	77.25 -1.81 -0.55	93.77 -2.09 -0.95	89.22 -1.89 -0.88	69.77 -1.64 -0.19	55.35 -1.36 0.00	51.26 -1.15 0.00	47.76 -1.07 0.00
FULTON___LFGE 323630	46.45 1.57 0.00	45.58 1.63 0.00	43.57 1.56 0.00	42.64 1.40 0.00	44.72 1.68 0.00	48.56 2.04 0.00	76.08 3.48 0.00	101.58 5.38 0.00	82.20 2.16 0.00	53.14 0.11 0.00	45.55 -0.74 0.00	43.75 -0.85 0.00	43.20 -0.70 0.00	44.04 -0.44 0.00	44.36 -0.27 0.00	49.34 0.30 0.00	57.99 1.19 0.00	81.04 2.82 0.28	98.79 4.37 0.49	93.48 3.70 0.45	73.97 2.85 0.10	58.87 2.15 0.00	54.19 1.78 0.00	50.45 1.61 0.00
G.F.CEMENT___DRP 24184	46.31 1.44 0.00	45.36 1.41 0.00	43.45 1.43 0.00	42.56 1.32 0.00	44.51 1.46 0.00	48.09 1.58 0.00	75.35 2.76 0.00	100.62 4.43 0.00	82.44 2.40 0.00	53.93 0.90 0.00	46.48 0.19 0.00	44.82 0.22 0.00	44.12 0.22 0.00	44.75 0.27 0.00	45.02 0.40 0.00	49.83 0.78 0.00	58.16 1.36 0.00	81.01 2.51 0.00	98.51 3.61 0.00	93.03 2.80 0.00	73.56 2.35 0.00	58.36 1.64 0.00	53.93 1.52 0.00	50.16 1.32 0.00
GARDENVILLE___LBMP 24039	43.93 -0.94 0.00	43.56 -0.40 0.00	41.64 -0.38 0.00	40.37 -0.87 0.00	42.18 -0.86 0.00	45.49 -1.02 0.00	67.95 -4.65 0.00	88.40 -7.79 0.01	72.73 -7.28 0.03	49.59 -3.45 0.00	43.84 -2.45 0.00	41.70 -2.90 0.00	40.96 -2.94 0.00	41.32 -3.16 0.00	41.27 -3.35 0.00	44.83 -4.22 0.00	51.83 -4.94 0.03	70.30 -6.75 1.45	84.73 -7.69 2.49	80.45 -7.49 2.29	63.99 -6.48 0.74	51.53 -5.16 0.03	47.98 -4.40 0.03	45.47 -3.37 0.00
GARDNVLA_35_KV_LD 355827	44.07 -0.81 0.00	43.69 -0.26 0.00	41.77 -0.25 0.00	40.50 -0.74 0.00	42.31 -0.73 0.00	45.63 -0.88 0.00	68.31 -4.28 0.00	88.97 -7.21 0.01	73.37 -6.64 0.02	50.01 -3.02 0.00	44.21 -2.08 0.00	42.10 -2.50 0.00	41.31 -2.59 0.00	41.68 -2.80 0.00	41.63 -2.99 0.00	45.27 -3.78 0.00	52.34 -4.43 0.03	70.92 -6.12 1.45	85.57 -6.83 2.50	81.16 -6.77 2.30	64.53 -5.98 0.70	51.93 -4.76 0.03	48.35 -4.04 0.02	45.76 -3.08 0.00
GELCKHM___115KV_LOAD 80723	44.25 -0.63 0.00	43.34 -0.62 0.00	41.43 -0.59 0.00	40.62 -0.62 0.00	42.44 -0.60 0.00	45.91 -0.60 0.00	71.50 -1.09 0.00	95.24 -0.96 0.00	78.84 -1.20 0.00	52.24 -0.80 0.00	45.69 -0.60 0.00	43.89 -0.71 0.00	43.16 -0.75 0.00	43.73 -0.76 0.00	43.86 -0.76 0.00	48.16 -0.88 0.00	55.77 -1.02 0.00	76.16 -1.33 1.01	91.66 -1.52 1.73	87.27 -1.35 1.60	69.58 -1.28 0.35	55.69 -1.02 0.00	51.47 -0.94 0.00	48.01 -0.83 0.00
GENERAL___MILLS 23808	43.93 -0.94 0.00	43.56 -0.40 0.00	41.68 -0.34 0.00	40.42 -0.82 0.00	42.23 -0.82 0.00	45.49 -1.02 0.00	68.02 -4.57 0.00	88.59 -7.60 0.01	73.05 -6.96 0.02	49.80 -3.23 0.00	44.02 -2.27 0.00	41.92 -2.68 0.00	41.14 -2.77 0.00	41.50 -2.98 0.00	41.45 -3.17 0.00	45.02 -4.02 0.00	52.11 -4.66 0.03	70.61 -6.44 1.45	85.20 -7.21 2.50	80.80 -7.13 2.30	64.31 -6.20 0.71	51.75 -4.93 0.03	48.14 -4.25 0.02	45.62 -3.22 0.00
GE_PLASTICS___DRP 24183	45.19 0.31 0.00	44.18 0.22 0.00	42.23 0.21 0.00	41.49 0.25 0.00	43.30 0.26 0.00	46.74 0.23 0.00	73.17 0.58 0.00	97.54 1.35 0.00	80.28 0.24 0.00	53.03 0.00 0.00	46.11 -0.19 0.00	44.55 -0.04 0.00	43.90 0.00 0.00	44.53 0.04 0.00	44.76 0.13 0.00	49.29 0.25 0.00	57.25 0.45 0.00	79.05 0.55 0.00	95.85 0.95 0.00	90.77 0.54 0.00	71.78 0.57 0.00	57.17 0.45 0.00	52.73 0.31 0.00	48.99 0.15 0.00
GILBOA___1 23756	45.69 0.81 0.00	44.70 0.75 0.00	42.86 0.84 0.00	42.06 0.82 0.00	43.90 0.86 0.00	47.21 0.70 0.00	73.97 1.38 0.00	98.89 2.69 0.00	81.24 1.20 0.00	53.77 0.74 0.00	46.89 0.60 0.00	45.22 0.62 0.00	44.56 0.66 0.00	45.19 0.71 0.00	45.38 0.76 0.00	49.88 0.83 0.00	57.87 1.08 0.00	79.35 1.18 0.33	95.86 1.51 0.56	90.97 1.26 0.52	72.31 1.21 0.11	57.74 1.02 0.00	53.25 0.84 0.00	49.57 0.73 0.00
GILBOA___2 23757	45.69 0.81 0.00	44.70 0.75 0.00	42.86 0.84 0.00	42.06 0.82 0.00	43.90 0.86 0.00	47.21 0.70 0.00	73.97 1.38 0.00	98.89 2.69 0.00	81.24 1.20 0.00	53.77 0.74 0.00	46.89 0.60 0.00	45.22 0.62 0.00	44.56 0.66 0.00	45.19 0.71 0.00	45.38 0.76 0.00	49.88 0.83 0.00	57.87 1.08 0.00	79.35 1.18 0.33	95.86 1.51 0.56	90.97 1.26 0.52	72.31 1.21 0.11	57.74 1.02 0.00	53.25 0.84 0.00	49.57 0.73 0.00
GILBOA___3 23758	45.69 0.81 0.00	44.70 0.75 0.00	42.86 0.84 0.00	42.06 0.82 0.00	43.90 0.86 0.00	47.21 0.70 0.00	73.97 1.38 0.00	98.89 2.69 0.00	81.24 1.20 0.00	53.77 0.74 0.00	46.89 0.60 0.00	45.22 0.62 0.00	44.56 0.66 0.00	45.19 0.71 0.00	45.38 0.76 0.00	49.88 0.83 0.00	57.87 1.08 0.00	79.35 1.18 0.33	95.86 1.51 0.56	90.97 1.26 0.52	72.31 1.21 0.11	57.74 1.02 0.00	53.25 0.84 0.00	49.57 0.73 0.00
GILBOA___4 23759	45.69 0.81 0.00	44.70 0.75 0.00	42.86 0.84 0.00	42.06 0.82 0.00	43.90 0.86 0.00	47.21 0.70 0.00	73.97 1.38 0.00	98.89 2.69 0.00	81.24 1.20 0.00	53.77 0.74 0.00	46.89 0.60 0.00	45.22 0.62 0.00	44.56 0.66 0.00	45.19 0.71 0.00	45.38 0.76 0.00	49.88 0.83 0.00	57.87 1.08 0.00	79.35 1.18 0.33	95.86 1.51 0.56	90.97 1.26 0.52	72.31 1.21 0.11	57.74 1.02 0.00	53.25 0.84 0.00	49.57 0.73 0.00

GILBOA____ 23599	45.68 0.81 0.00	44.70 0.75 0.00	42.82 0.80 0.00	42.06 0.82 0.00	43.90 0.86 0.00	47.21 0.70 0.00	73.97 1.38 0.00	98.89 2.69 0.00	81.24 1.20 0.00	53.78 0.74 0.00	46.89 0.60 0.00	45.22 0.62 0.00	44.60 0.70 0.00	45.19 0.71 0.00	45.38 0.76 0.00	49.88 0.83 0.00	57.87 1.08 0.00	79.35 1.18 0.33	95.86 1.52 0.57	90.88 1.17 0.53	72.31 1.21 0.11	57.74 1.02 0.00	53.25 0.84 0.00	49.52 0.68 0.00
GINNA____ 23603	42.19 -2.69 0.00	41.40 -2.55 0.00	39.71 -2.31 0.00	38.81 -2.43 0.00	40.55 -2.50 0.00	43.91 -2.60 0.00	67.73 -4.86 0.00	89.65 -6.54 0.00	73.94 -6.09 0.01	49.48 -3.55 0.00	43.47 -2.83 0.00	41.65 -2.94 0.00	41.05 -2.85 0.00	41.41 -3.07 0.00	41.32 -3.30 0.00	45.27 -3.78 0.00	51.67 -5.11 0.01	70.95 -6.12 1.43	84.77 -7.68 2.45	80.74 -7.22 2.27	64.27 -6.34 0.60	51.66 -5.05 0.01	48.37 -4.03 0.01	45.32 -3.52 0.00
GLEN PARK____ 23778	46.45 1.57 0.00	45.67 1.71 0.00	43.62 1.60 0.00	42.72 1.48 0.00	44.77 1.72 0.00	48.70 2.19 0.00	76.66 4.06 0.00	102.36 6.16 0.00	84.20 4.16 0.00	54.57 1.54 0.00	47.45 1.16 0.00	45.49 0.89 0.00	44.56 0.66 0.00	45.42 0.94 0.00	45.16 0.54 0.00	50.17 1.13 0.00	58.33 1.53 0.00	81.17 2.67 0.00	98.71 3.80 0.00	94.29 4.06 0.00	73.99 2.77 0.00	59.04 2.33 0.00	54.25 1.83 0.00	50.79 1.96 0.00
GLENDALE_27_KV_LOAD 356172	47.39 2.51 0.00	46.28 2.33 0.00	43.99 1.97 0.00	43.34 2.10 0.00	45.15 2.11 0.00	48.79 2.28 0.00	76.66 4.07 0.00	103.51 7.31 0.00	84.44 4.40 0.00	56.27 3.23 0.00	49.25 2.96 0.00	47.54 2.94 0.00	46.97 3.07 0.00	47.55 3.07 0.00	47.88 3.26 0.00	52.43 3.38 0.00	60.49 3.69 0.00	82.47 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.96 3.85 0.10	60.18 3.46 0.00	55.50 3.09 0.00	51.57 2.74 0.00
GLENWOOD_IC_1_G5 23712	46.90 2.02 0.00	45.93 1.98 0.00	43.74 1.72 0.00	43.01 1.77 0.00	44.85 1.81 0.00	48.14 1.63 0.00	65.62 3.12 10.10	92.08 5.87 9.98	70.43 3.36 12.98	52.03 2.28 3.28	48.80 2.50 -0.01	47.06 2.45 -0.01	46.49 2.59 0.00	47.03 2.54 -0.01	47.44 2.81 -0.01	51.51 2.45 -0.01	59.69 2.90 0.00	79.68 3.61 2.43	98.45 4.84 1.30	92.89 4.33 1.67	74.53 3.42 0.10	59.45 2.72 -0.01	54.34 2.10 0.16	50.64 1.81 0.00
GLENWOOD_IC_2_G1 23688	46.90 2.02 0.00	45.94 1.98 0.00	43.66 1.64 0.00	42.93 1.69 0.00	44.72 1.68 0.00	48.14 1.63 0.00	75.26 3.05 0.38	101.59 5.77 0.37	82.84 3.28 0.49	55.14 2.23 0.12	48.65 2.36 0.00	46.83 2.23 0.00	46.27 2.37 0.00	46.88 2.40 0.00	47.25 2.63 0.00	51.40 2.35 0.00	59.63 2.84 0.00	81.66 3.45 0.29	99.08 4.65 0.47	94.12 4.33 0.44	74.47 3.35 0.09	59.38 2.67 0.00	54.51 2.10 0.00	50.79 1.96 0.00
GLENWOOD_IC_3_G1 23689	46.90 2.02 0.00	45.94 1.98 0.00	43.66 1.64 0.00	42.93 1.69 0.00	44.72 1.68 0.00	48.14 1.63 0.00	75.26 3.05 0.38	101.59 5.77 0.37	82.84 3.28 0.49	55.14 2.23 0.12	48.65 2.36 0.00	46.83 2.23 0.00	46.27 2.37 0.00	46.88 2.40 0.00	47.25 2.63 0.00	51.40 2.35 0.00	59.63 2.84 0.00	81.66 3.45 0.29	99.08 4.65 0.47	94.12 4.33 0.44	74.47 3.35 0.09	59.38 2.67 0.00	54.51 2.10 0.00	50.79 1.96 0.00
GLENWOOD____4 23550	46.90 2.02 0.00	45.93 1.98 0.00	43.74 1.72 0.00	43.01 1.77 0.00	44.85 1.81 0.00	48.14 1.63 0.00	65.62 3.12 10.10	92.08 5.87 9.98	70.43 3.36 12.98	52.03 2.28 3.28	48.80 2.50 -0.01	47.06 2.45 -0.01	46.49 2.59 0.00	47.03 2.54 -0.01	47.44 2.81 -0.01	51.51 2.45 -0.01	59.69 2.90 0.00	79.68 3.61 2.43	98.45 4.84 1.30	92.89 4.33 1.67	74.53 3.42 0.10	59.45 2.72 -0.01	54.34 2.10 0.16	50.64 1.81 0.00
GLENWOOD____5 23614	46.90 2.02 0.00	45.93 1.98 0.00	43.74 1.72 0.00	43.01 1.77 0.00	44.85 1.81 0.00	48.14 1.63 0.00	65.62 3.12 10.10	92.08 5.87 9.98	70.43 3.36 12.98	52.03 2.28 3.28	48.80 2.50 -0.01	47.06 2.45 -0.01	46.49 2.59 0.00	47.03 2.54 -0.01	47.44 2.81 -0.01	51.51 2.45 -0.01	59.69 2.90 0.00	79.68 3.61 2.43	98.45 4.84 1.30	92.89 4.33 1.67	74.53 3.42 0.10	59.45 2.72 -0.01	54.34 2.10 0.16	50.64 1.81 0.00
GLOBAL GREEN_PORT_GT1 23814	47.71 2.83 0.00	47.08 3.12 0.00	44.62 2.61 0.00	43.67 2.43 0.00	45.41 2.37 0.00	48.28 1.77 0.00	55.44 2.76 19.91	81.80 5.29 19.69	57.33 2.88 25.59	47.83 1.27 6.47	48.37 2.09 0.00	46.43 1.83 0.00	45.92 2.02 0.00	46.39 1.91 0.00	47.20 2.59 0.00	50.71 1.67 0.00	58.72 1.93 0.01	73.24 1.65 6.91	93.48 2.27 3.70	86.93 1.98 5.28	72.74 1.64 0.11	58.18 1.47 0.00	52.65 0.73 0.50	50.15 1.32 0.01
GLOBE____DSASP 323697	42.72 -2.15 0.00	42.37 -1.58 0.00	40.55 -1.47 0.00	39.26 -1.98 0.00	40.98 -2.07 0.00	44.19 -2.33 0.00	65.48 -7.11 0.00	85.03 -11.16 0.01	70.01 -10.01 0.02	48.21 -4.83 0.00	42.73 -3.56 0.00	40.63 -3.97 0.00	39.91 -4.00 0.00	40.26 -4.23 0.00	40.20 -4.42 0.00	43.65 -5.39 0.00	49.56 -7.21 0.02	66.99 -10.05 1.46	80.12 -12.24 2.55	77.08 -10.83 2.32	60.51 -9.97 0.73	48.92 -7.77 0.02	46.68 -5.71 0.02	44.93 -3.91 0.00
GOETHSLN____LBMP 323567	46.81 1.93 0.00	45.71 1.76 0.00	43.49 1.47 0.00	42.85 1.61 0.00	44.59 1.55 0.00	48.19 1.67 0.00	76.15 3.56 0.00	102.74 6.54 0.00	84.04 4.00 0.00	55.79 2.76 0.00	48.88 2.59 0.00	47.19 2.59 0.00	46.62 2.72 0.00	47.20 2.71 0.00	47.52 2.90 0.00	51.94 2.89 0.00	60.09 3.29 0.00	82.23 4.00 0.27	99.85 5.41 0.47	94.58 4.78 0.43	74.82 3.70 0.09	59.61 2.89 0.00	54.87 2.46 0.00	51.04 2.20 0.00
GOLAH____69_KV_TB 1_2 80279	44.56 -0.31 0.00	43.91 -0.04 0.00	41.98 -0.04 0.00	40.87 -0.37 0.00	42.74 -0.30 0.00	46.33 -0.19 0.00	70.42 -2.18 0.00	92.73 -3.46 0.00	76.27 -3.76 0.01	51.44 -1.59 0.00	45.27 -1.02 0.00	43.22 -1.38 0.00	42.50 -1.40 0.00	42.84 -1.65 0.00	42.79 -1.83 0.00	46.74 -2.31 0.00	53.49 -3.29 0.01	73.03 -4.00 1.47	87.45 -4.94 2.52	84.02 -3.88 2.33	66.23 -4.34 0.64	53.35 -3.35 0.01	50.20 -2.20 0.01	47.33 -1.51 0.00
GOODYEAR_LAKE_HYD 323669	46.04 1.17 0.00	45.14 1.19 0.00	43.15 1.13 0.00	42.35 1.11 0.00	44.29 1.25 0.00	47.86 1.35 0.00	75.13 2.54 0.00	100.72 4.52 0.00	82.52 2.48 0.00	54.20 1.17 0.00	47.26 0.97 0.00	45.45 0.85 0.00	44.69 0.79 0.00	45.42 0.93 0.00	45.42 0.80 0.00	50.12 1.08 0.00	58.39 1.59 0.00	80.16 2.28 0.61	97.18 3.32 1.04	92.23 2.98 0.98	73.25 2.21 0.17	58.42 1.70 0.00	53.67 1.26 0.00	50.06 1.22 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	45.01 0.13 0.00	44.22 0.26 0.00	42.27 0.25 0.00	41.36 0.12 0.00	43.22 0.17 0.00	46.70 0.19 0.00	72.45 -0.15 0.00	96.68 0.48 0.00	79.47 -0.56 0.01	52.87 -0.16 0.00	46.29 0.00 0.00	44.38 -0.22 0.00	43.64 -0.26 0.00	44.22 -0.27 0.00	44.31 -0.31 0.00	48.50 -0.54 0.00	56.39 -0.40 0.01	76.78 -0.47 1.26	92.75 0.00 2.16	87.96 -0.27 2.00	70.50 -0.21 0.50	56.42 -0.28 0.01	51.83 -0.58 0.01	48.55 -0.29 0.00

GOUDEY___7 23579	45.01 0.13 0.00	44.22 0.26 0.00	42.27 0.25 0.00	41.36 0.12 0.00	43.22 0.17 0.00	46.70 0.19 0.00	72.45 -0.15 0.00	96.68 0.48 0.00	79.47 -0.56 0.01	52.87 -0.16 0.00	46.29 0.00 0.00	44.38 -0.22 0.00	43.64 -0.26 0.00	44.22 -0.27 0.00	44.31 -0.31 0.00	48.50 -0.54 0.00	56.39 -0.40 0.01	76.78 -0.47 1.26	92.75 0.00 2.16	87.96 -0.27 2.00	70.50 -0.21 0.50	56.42 -0.28 0.01	51.83 -0.58 0.01	48.55 -0.29 0.00
GOUDEY___8 23580	45.01 0.13 0.00	44.22 0.26 0.00	42.27 0.25 0.00	41.36 0.12 0.00	43.22 0.17 0.00	46.70 0.19 0.00	72.45 -0.15 0.00	96.68 0.48 0.00	79.47 -0.56 0.01	52.87 -0.16 0.00	46.29 0.00 0.00	44.38 -0.22 0.00	43.64 -0.26 0.00	44.22 -0.27 0.00	44.31 -0.31 0.00	48.50 -0.54 0.00	56.39 -0.40 0.01	76.78 -0.47 1.26	92.75 0.00 2.16	87.96 -0.27 2.00	70.50 -0.21 0.50	56.42 -0.28 0.01	51.83 -0.58 0.01	48.55 -0.29 0.00
GOWANUS_GT1_1 24077	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.74 4.14 -0.01	103.60 7.41 0.00	84.20 4.16 0.00	56.11 3.08 0.00	49.07 2.78 0.00	47.41 2.81 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.33 3.29 0.00	60.43 3.63 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.90 3.77 0.08	60.24 3.52 -0.01	55.56 3.14 0.00	51.57 2.74 0.00
GOWANUS_GT1_2 24078	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.74 4.14 -0.01	103.60 7.41 0.00	84.20 4.16 0.00	56.11 3.08 0.00	49.07 2.78 0.00	47.41 2.81 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.33 3.29 0.00	60.43 3.63 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.90 3.77 0.08	60.24 3.52 -0.01	55.56 3.14 0.00	51.57 2.74 0.00
GOWANUS_GT1_3 24079	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.74 4.14 -0.01	103.60 7.41 0.00	84.20 4.16 0.00	56.11 3.08 0.00	49.07 2.78 0.00	47.41 2.81 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.33 3.29 0.00	60.43 3.63 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.90 3.77 0.08	60.24 3.52 -0.01	55.56 3.14 0.00	51.57 2.74 0.00
GOWANUS_GT1_4 24080	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.74 4.14 -0.01	103.60 7.41 0.00	84.20 4.16 0.00	56.11 3.08 0.00	49.07 2.78 0.00	47.41 2.81 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.33 3.29 0.00	60.43 3.63 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.90 3.77 0.08	60.24 3.52 -0.01	55.56 3.14 0.00	51.57 2.74 0.00
GOWANUS_GT1_5 24084	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.74 4.14 -0.01	103.60 7.41 0.00	84.20 4.16 0.00	56.11 3.08 0.00	49.07 2.78 0.00	47.41 2.81 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.33 3.29 0.00	60.43 3.63 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.90 3.77 0.08	60.24 3.52 -0.01	55.56 3.14 0.00	51.57 2.74 0.00
GOWANUS_GT1_6 24111	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.74 4.14 -0.01	103.60 7.41 0.00	84.20 4.16 0.00	56.11 3.08 0.00	49.07 2.78 0.00	47.41 2.81 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.33 3.29 0.00	60.43 3.63 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.90 3.77 0.08	60.24 3.52 -0.01	55.56 3.14 0.00	51.57 2.74 0.00
GOWANUS_GT1_7 24112	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.74 4.14 -0.01	103.60 7.41 0.00	84.20 4.16 0.00	56.11 3.08 0.00	49.07 2.78 0.00	47.41 2.81 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.33 3.29 0.00	60.43 3.63 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.90 3.77 0.08	60.24 3.52 -0.01	55.56 3.14 0.00	51.57 2.74 0.00
GOWANUS_GT1_8 24113	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.74 4.14 -0.01	103.60 7.41 0.00	84.20 4.16 0.00	56.11 3.08 0.00	49.07 2.78 0.00	47.41 2.81 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.33 3.29 0.00	60.43 3.63 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.90 3.77 0.08	60.24 3.52 -0.01	55.56 3.14 0.00	51.57 2.74 0.00
GOWANUS_GT2_1 24114	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
GOWANUS_GT2_2 24115	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
GOWANUS_GT2_3 24116	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
GOWANUS_GT2_4 24117	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
GOWANUS_GT2_5 24118	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01

GOWANUS_GT2_6 24119	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
GOWANUS_GT2_7 24120	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
GOWANUS_GT2_8 24121	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
GOWANUS_GT3_1 24122	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.20 4.16 0.00	56.11 3.07 0.00	49.07 2.78 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.42 2.94 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.49 3.69 0.00	82.47 4.24 0.26	99.84 5.41 0.47	94.84 5.05 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.68 2.83 -0.01
GOWANUS_GT3_2 24123	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.20 4.16 0.00	56.11 3.07 0.00	49.07 2.78 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.42 2.94 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.49 3.69 0.00	82.47 4.24 0.26	99.84 5.41 0.47	94.84 5.05 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.68 2.83 -0.01
GOWANUS_GT3_3 24124	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.20 4.16 0.00	56.11 3.07 0.00	49.07 2.78 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.42 2.94 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.49 3.69 0.00	82.47 4.24 0.26	99.84 5.41 0.47	94.84 5.05 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.68 2.83 -0.01
GOWANUS_GT3_4 24125	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.20 4.16 0.00	56.11 3.07 0.00	49.07 2.78 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.42 2.94 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.49 3.69 0.00	82.47 4.24 0.26	99.84 5.41 0.47	94.84 5.05 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.68 2.83 -0.01
GOWANUS_GT3_5 24126	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.20 4.16 0.00	56.11 3.07 0.00	49.07 2.78 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.42 2.94 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.49 3.69 0.00	82.47 4.24 0.26	99.84 5.41 0.47	94.84 5.05 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.68 2.83 -0.01
GOWANUS_GT3_6 24127	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.20 4.16 0.00	56.11 3.07 0.00	49.07 2.78 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.42 2.94 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.49 3.69 0.00	82.47 4.24 0.26	99.84 5.41 0.47	94.84 5.05 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.68 2.83 -0.01
GOWANUS_GT3_7 24128	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.20 4.16 0.00	56.11 3.07 0.00	49.07 2.78 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.42 2.94 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.49 3.69 0.00	82.47 4.24 0.26	99.84 5.41 0.47	94.84 5.05 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.68 2.83 -0.01
GOWANUS_GT3_8 24129	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.20 4.16 0.00	56.11 3.07 0.00	49.07 2.78 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.42 2.94 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.49 3.69 0.00	82.47 4.24 0.26	99.84 5.41 0.47	94.84 5.05 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.68 2.83 -0.01
GOWANUS_GT4_1 24130	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.81 4.21 -0.01	103.60 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.41 2.81 0.00	46.89 2.99 0.00	47.46 2.98 0.00	47.83 3.21 0.00	52.33 3.29 0.00	60.49 3.69 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.97 3.85 0.08	60.24 3.52 -0.01	55.61 3.20 0.00	51.57 2.74 0.00
GOWANUS_GT4_2 24131	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.81 4.21 -0.01	103.60 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.41 2.81 0.00	46.89 2.99 0.00	47.46 2.98 0.00	47.83 3.21 0.00	52.33 3.29 0.00	60.49 3.69 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.97 3.85 0.08	60.24 3.52 -0.01	55.61 3.20 0.00	51.57 2.74 0.00
GOWANUS_GT4_3 24132	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.81 4.21 -0.01	103.60 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.41 2.81 0.00	46.89 2.99 0.00	47.46 2.98 0.00	47.83 3.21 0.00	52.33 3.29 0.00	60.49 3.69 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.97 3.85 0.08	60.24 3.52 -0.01	55.61 3.20 0.00	51.57 2.74 0.00
GOWANUS_GT4_4 24133	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.81 4.21 -0.01	103.60 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.41 2.81 0.00	46.89 2.99 0.00	47.46 2.98 0.00	47.83 3.21 0.00	52.33 3.29 0.00	60.49 3.69 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.97 3.85 0.08	60.24 3.52 -0.01	55.61 3.20 0.00	51.57 2.74 0.00

GOWANUS_GT4_5 24134	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.81 4.21 -0.01	103.60 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.41 2.81 0.00	46.89 2.99 0.00	47.46 2.98 0.00	47.83 3.21 0.00	52.33 3.29 0.00	60.49 3.69 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.97 3.85 0.08	60.24 3.52 -0.01	55.61 3.20 0.00	51.57 2.74 0.00
GOWANUS_GT4_6 24135	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.81 4.21 -0.01	103.60 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.41 2.81 0.00	46.89 2.99 0.00	47.46 2.98 0.00	47.83 3.21 0.00	52.33 3.29 0.00	60.49 3.69 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.97 3.85 0.08	60.24 3.52 -0.01	55.61 3.20 0.00	51.57 2.74 0.00
GOWANUS_GT4_7 24136	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.81 4.21 -0.01	103.60 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.41 2.81 0.00	46.89 2.99 0.00	47.46 2.98 0.00	47.83 3.21 0.00	52.33 3.29 0.00	60.49 3.69 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.97 3.85 0.08	60.24 3.52 -0.01	55.61 3.20 0.00	51.57 2.74 0.00
GOWANUS_GT4_8 24137	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.81 4.21 -0.01	103.60 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.41 2.81 0.00	46.89 2.99 0.00	47.46 2.98 0.00	47.83 3.21 0.00	52.33 3.29 0.00	60.49 3.69 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.97 3.85 0.08	60.24 3.52 -0.01	55.61 3.20 0.00	51.57 2.74 0.00
GREATVRV_69_KV_BK1 356245	47.12 2.24 0.00	46.42 2.46 0.00	44.20 2.18 0.00	43.38 2.14 0.00	45.24 2.20 0.00	48.23 1.72 0.00	55.03 1.89 19.45	81.29 4.33 19.23	57.05 2.00 25.00	47.77 1.06 6.32	48.70 2.41 0.00	46.92 2.32 0.00	46.49 2.59 0.00	46.84 2.36 0.00	47.56 2.95 0.00	51.20 2.16 0.00	59.34 2.56 0.01	73.96 2.04 6.58	95.88 4.18 3.20	89.32 3.61 4.52	74.09 2.99 0.11	59.21 2.50 0.00	52.99 1.05 0.47	50.35 1.51 0.01
GREENBSH_115KV_TB3 55895	44.97 0.09 0.00	43.91 -0.04 0.00	41.98 -0.04 0.00	41.20 -0.04 0.00	43.04 0.00 0.00	46.46 -0.05 0.00	72.81 0.22 0.00	97.06 0.87 0.00	79.80 -0.24 0.00	52.66 -0.37 0.00	45.78 -0.51 0.00	44.24 -0.36 0.00	43.64 -0.26 0.00	44.22 -0.27 0.00	44.49 -0.13 0.00	48.99 -0.05 0.00	56.97 0.17 0.00	78.74 0.24 0.00	95.47 0.57 0.00	90.32 0.09 0.00	71.50 0.28 0.00	56.88 0.17 0.00	52.46 0.05 0.00	48.69 -0.15 0.00
GREENDGE_115KV_TB5 80291	45.06 0.18 0.00	44.26 0.31 0.00	42.31 0.29 0.00	41.32 0.08 0.00	43.22 0.17 0.00	46.88 0.37 0.00	71.94 -0.65 0.00	94.16 -2.02 0.02	77.26 -2.72 0.06	51.65 -1.38 0.00	45.55 -0.74 0.00	43.48 -1.11 0.00	42.63 -1.27 0.00	43.15 -1.33 0.00	43.15 -1.47 0.00	47.13 -1.91 0.00	54.46 -2.27 0.06	74.56 -2.59 1.35	89.52 -3.04 2.35	85.04 -3.07 2.13	67.88 -2.28 1.05	54.61 -2.04 0.06	50.47 -1.89 0.06	47.62 -1.22 0.00
GREENIDGE___3 23582	45.06 0.18 0.00	44.26 0.31 0.00	42.31 0.29 0.00	41.32 0.08 0.00	43.22 0.17 0.00	46.88 0.37 0.00	71.94 -0.65 0.00	94.16 -2.02 0.02	77.26 -2.72 0.06	51.65 -1.38 0.00	45.55 -0.74 0.00	43.48 -1.11 0.00	42.63 -1.27 0.00	43.15 -1.33 0.00	43.15 -1.47 0.00	47.13 -1.91 0.00	54.46 -2.27 0.06	74.56 -2.59 1.35	89.52 -3.04 2.35	85.04 -3.07 2.13	67.88 -2.28 1.05	54.61 -2.04 0.06	50.47 -1.89 0.06	47.62 -1.22 0.00
GREENIDGE___4 23583	44.97 0.09 0.00	44.09 0.13 0.00	42.23 0.21 0.00	41.32 0.08 0.00	43.22 0.17 0.00	46.84 0.33 0.00	72.01 -0.58 0.00	94.15 -2.02 0.02	77.26 -2.72 0.06	51.60 -1.43 0.00	45.60 -0.69 0.00	43.58 -1.02 0.00	42.72 -1.18 0.00	43.24 -1.25 0.00	43.24 -1.38 0.00	47.23 -1.81 0.00	54.40 -2.33 0.07	74.49 -2.67 1.34	89.44 -3.13 2.34	84.96 -3.16 2.11	67.87 -2.28 1.06	54.55 -2.10 0.07	50.57 -1.78 0.06	47.57 -1.27 0.00
GREENLWN_69_KV_BK 3 55738	46.31 1.44 0.00	45.58 1.63 0.00	43.45 1.43 0.00	42.68 1.44 0.00	44.51 1.46 0.00	47.30 0.79 0.00	54.32 1.31 19.58	80.40 3.56 19.36	56.40 1.52 25.16	47.73 1.06 6.36	48.00 1.71 0.00	46.38 1.78 0.00	45.96 2.06 0.00	46.30 1.82 0.00	46.94 2.32 0.00	50.32 1.28 0.00	58.21 1.42 0.01	73.37 1.57 6.70	94.34 2.28 2.85	88.23 1.99 3.98	72.60 1.50 0.11	58.02 1.30 0.00	52.66 0.73 0.48	49.37 0.54 0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.81 4.21 -0.01	103.60 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.41 2.81 0.00	46.89 2.99 0.00	47.46 2.98 0.00	47.83 3.21 0.00	52.33 3.29 0.00	60.49 3.69 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.97 3.85 0.08	60.24 3.52 -0.01	55.61 3.20 0.00	51.57 2.74 0.00
GRISSOM___SOLAR 323813	46.49 1.61 0.00	45.58 1.63 0.00	43.57 1.56 0.00	42.68 1.44 0.00	44.68 1.64 0.00	48.56 2.04 0.00	76.01 3.41 0.00	101.48 5.29 0.00	82.20 2.16 0.00	53.14 0.11 0.00	45.50 -0.79 0.00	43.71 -0.89 0.00	43.20 -0.70 0.00	44.04 -0.44 0.00	44.40 -0.22 0.00	49.34 0.30 0.00	58.04 1.25 0.00	81.13 2.91 0.27	98.71 4.27 0.47	93.40 3.61 0.44	73.97 2.85 0.09	58.87 2.15 0.00	54.19 1.78 0.00	50.45 1.61 0.00
GROVEVILLE___HYD 323602	46.94 2.06 0.00	45.85 1.89 0.00	43.70 1.68 0.00	43.01 1.77 0.00	44.81 1.76 0.00	48.28 1.77 0.00	76.22 3.63 0.00	102.74 6.54 0.00	83.88 3.84 0.00	55.47 2.44 0.00	48.37 2.08 0.00	46.61 2.01 0.00	46.01 2.11 0.00	46.62 2.14 0.00	46.85 2.23 0.00	51.30 2.26 0.00	59.64 2.84 0.00	82.08 3.85 0.27	99.85 5.41 0.46	94.58 4.78 0.43	74.82 3.70 0.09	59.49 2.78 0.00	54.77 2.36 0.00	50.84 2.00 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	44.52 -0.36 0.00	43.60 -0.35 0.00	41.68 -0.34 0.00	40.87 -0.37 0.00	42.70 -0.34 0.00	46.19 -0.33 0.00	72.01 -0.58 0.00	96.00 -0.19 0.00	79.40 -0.64 0.00	52.61 -0.42 0.00	45.97 -0.32 0.00	44.15 -0.45 0.00	43.42 -0.48 0.00	43.99 -0.49 0.00	44.13 -0.49 0.00	48.46 -0.59 0.00	56.11 -0.68 0.00	76.95 -0.86 0.69	92.97 -0.76 1.18	88.41 -0.72 1.09	70.26 -0.71 0.24	56.09 -0.62 0.00	51.78 -0.63 0.00	48.30 -0.54 0.00
HAMLTNNY_34_KV_TB 80303	44.61 -0.27 0.00	43.69 -0.26 0.00	41.77 -0.25 0.00	40.91 -0.33 0.00	42.74 -0.30 0.00	46.33 -0.19 0.00	72.09 -0.51 0.00	96.10 -0.10 0.00	79.40 -0.64 0.00	52.66 -0.37 0.00	46.01 -0.28 0.00	44.15 -0.45 0.00	43.42 -0.48 0.00	43.99 -0.49 0.00	44.09 -0.54 0.00	48.41 -0.64 0.00	56.06 -0.74 0.00	76.94 -0.79 0.77	92.82 -0.76 1.33	88.27 -0.72 1.23	70.16 -0.78 0.27	56.03 -0.68 0.00	51.78 -0.63 0.00	48.30 -0.54 0.00

HAMPSHIRE___PAPER_HYD 323593	46.22 1.35 0.00	45.40 1.45 0.00	43.36 1.34 0.00	42.60 1.36 0.00	44.46 1.42 0.00	48.23 1.72 0.00	75.35 2.76 0.00	99.37 3.17 0.00	82.84 2.80 0.00	54.30 1.27 0.00	47.31 1.02 0.00	45.58 0.98 0.00	44.82 0.92 0.00	45.55 1.07 0.00	45.43 0.80 0.00	50.12 1.08 0.00	57.70 0.91 0.00	79.75 1.25 0.00	95.76 0.85 0.00	91.76 1.53 0.00	72.35 1.14 0.00	58.19 1.47 0.00	53.83 1.42 0.00	50.40 1.56 0.00
HARDSCRABBLE_WT_PWR 323673	46.36 1.48 0.00	45.49 1.54 0.00	43.49 1.47 0.00	42.68 1.44 0.00	44.59 1.55 0.00	48.14 1.63 0.00	75.35 2.76 0.00	100.14 3.95 0.00	82.76 2.72 0.00	54.68 1.65 0.00	47.77 1.48 0.00	46.03 1.43 0.00	45.26 1.36 0.00	45.95 1.47 0.00	45.96 1.34 0.00	50.66 1.62 0.00	58.67 1.87 0.00	81.09 2.59 0.00	98.13 3.23 0.00	93.03 2.80 0.00	73.28 2.07 0.00	58.36 1.65 0.00	53.77 1.36 0.00	50.11 1.27 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	46.81 1.93 0.00	45.76 1.80 0.00	43.57 1.55 0.00	42.89 1.65 0.00	44.68 1.64 0.00	48.19 1.67 0.00	76.01 3.41 0.00	102.45 6.25 0.00	83.64 3.60 0.00	55.42 2.39 0.00	48.42 2.13 0.00	46.65 2.05 0.00	46.05 2.15 0.00	46.66 2.18 0.00	46.90 2.28 0.00	51.30 2.26 0.00	59.52 2.73 0.00	81.91 3.69 0.28	99.54 5.12 0.49	94.29 4.51 0.45	74.60 3.49 0.10	59.38 2.67 0.00	54.67 2.25 0.00	50.74 1.90 0.00
HARSNRAD_115KV_TB1 81005	43.93 -0.94 0.00	43.56 -0.40 0.00	41.68 -0.34 0.00	40.37 -0.87 0.00	42.14 -0.90 0.00	45.49 -1.02 0.00	67.08 -5.52 0.00	87.24 -8.95 0.01	71.78 -8.24 0.02	49.21 -3.82 0.00	43.56 -2.73 0.00	41.43 -3.17 0.00	40.70 -3.20 0.00	41.06 -3.43 0.00	40.96 -3.66 0.00	44.53 -4.51 0.00	50.81 -5.96 0.02	68.96 -8.09 1.46	82.53 -9.87 2.51	79.25 -8.66 2.32	62.24 -8.26 0.71	50.34 -6.35 0.02	47.67 -4.72 0.02	45.27 -3.57 0.00
HARZA MOOSE___RIVER 24016	46.00 1.12 0.00	45.19 1.23 0.00	43.20 1.18 0.00	42.35 1.11 0.00	44.29 1.25 0.00	48.05 1.53 0.00	75.35 2.76 0.00	101.58 5.39 0.00	83.96 3.92 0.00	54.68 1.64 0.00	47.59 1.30 0.00	45.76 1.16 0.00	44.91 1.01 0.00	45.73 1.25 0.00	45.56 0.94 0.00	50.07 1.03 0.00	58.10 1.31 0.00	80.54 2.04 0.00	97.37 2.47 0.00	92.66 2.44 0.00	72.85 1.64 0.00	58.13 1.42 0.00	53.51 1.10 0.00	50.26 1.42 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.20 -0.67 0.00	43.30 -0.66 0.00	41.39 -0.63 0.00	40.58 -0.66 0.00	42.40 -0.65 0.00	45.86 -0.65 0.00	71.43 -1.16 0.00	95.24 -0.96 0.00	78.68 -1.36 0.00	52.18 -0.85 0.00	45.60 -0.69 0.00	43.84 -0.76 0.00	43.11 -0.79 0.00	43.68 -0.80 0.00	43.82 -0.80 0.00	48.11 -0.93 0.00	55.72 -1.08 0.00	75.40 -1.41 1.69	90.48 -1.52 2.90	86.09 -1.44 2.70	69.35 -1.28 0.58	55.64 -1.08 0.00	51.42 -1.00 0.00	47.96 -0.88 0.00
HELLGATE_13_KV_LD 55870	47.43 2.56 0.00	46.33 2.37 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.66 4.07 0.00	103.60 7.41 0.00	84.44 4.40 0.00	56.27 3.23 0.00	49.21 2.92 0.00	47.54 2.94 0.00	46.97 3.07 0.00	47.55 3.07 0.00	47.88 3.26 0.00	52.38 3.33 0.00	60.43 3.63 0.00	82.39 4.16 0.27	99.85 5.41 0.47	94.67 4.87 0.43	74.82 3.70 0.10	60.12 3.40 0.00	55.50 3.09 0.00	51.57 2.74 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.43 2.56 0.00	46.33 2.37 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.66 4.07 0.00	103.60 7.41 0.00	84.44 4.40 0.00	56.27 3.23 0.00	49.21 2.92 0.00	47.54 2.94 0.00	46.97 3.07 0.00	47.55 3.07 0.00	47.88 3.26 0.00	52.38 3.33 0.00	60.43 3.63 0.00	82.39 4.16 0.27	99.85 5.41 0.47	94.67 4.87 0.43	74.82 3.70 0.10	60.12 3.40 0.00	55.50 3.09 0.00	51.57 2.74 0.00
HEMPSTEAD___ 23647	46.76 1.88 0.00	45.94 1.98 0.00	43.62 1.60 0.00	42.85 1.61 0.00	44.64 1.59 0.00	47.90 1.39 0.00	60.61 2.32 14.31	86.95 4.90 14.15	64.21 2.56 18.39	50.08 1.70 4.65	48.48 2.18 -0.01	46.57 1.96 -0.01	46.01 2.11 0.00	46.63 2.14 -0.01	47.13 2.50 -0.01	50.92 1.86 -0.01	59.06 2.27 0.01	77.75 2.75 3.49	97.10 3.89 1.70	91.57 3.61 2.28	73.82 2.71 0.10	59.05 2.33 -0.01	53.69 1.52 0.24	50.40 1.56 0.01
HICKLING___1 23621	45.01 0.13 0.00	44.31 0.35 0.00	42.31 0.29 0.00	41.32 0.08 0.00	43.22 0.17 0.00	46.70 0.19 0.00	71.80 -0.80 0.00	92.71 -3.46 0.02	75.74 -4.24 0.06	51.02 -2.02 0.00	44.90 -1.39 0.00	42.77 -1.83 0.00	41.88 -2.02 0.00	42.39 -2.09 0.00	42.35 -2.28 0.00	46.00 -3.04 0.00	53.67 -3.07 0.06	73.19 -3.93 1.39	88.90 -3.61 2.40	83.90 -4.15 2.18	67.06 -3.13 1.02	53.87 -2.78 0.06	49.26 -3.09 0.06	46.69 -2.15 0.00
HICKLING___2 23622	45.01 0.13 0.00	44.31 0.35 0.00	42.31 0.29 0.00	41.32 0.08 0.00	43.22 0.17 0.00	46.70 0.19 0.00	71.80 -0.80 0.00	92.71 -3.46 0.02	75.74 -4.24 0.06	51.02 -2.02 0.00	44.90 -1.39 0.00	42.77 -1.83 0.00	41.88 -2.02 0.00	42.39 -2.09 0.00	42.35 -2.28 0.00	46.00 -3.04 0.00	53.67 -3.07 0.06	73.19 -3.93 1.39	88.90 -3.61 2.40	83.90 -4.15 2.18	67.06 -3.13 1.02	53.87 -2.78 0.06	49.26 -3.09 0.06	46.69 -2.15 0.00
HIGH FALLS___HY 23754	47.26 2.38 0.00	46.15 2.20 0.00	43.99 1.97 0.00	43.30 2.06 0.00	45.11 2.07 0.00	48.60 2.09 0.00	76.80 4.21 0.00	103.60 7.41 0.00	84.52 4.48 0.00	55.74 2.70 0.00	48.61 2.31 0.00	46.78 2.19 0.00	46.14 2.24 0.00	46.80 2.31 0.00	46.99 2.36 0.00	51.45 2.40 0.00	59.86 3.07 0.00	82.47 4.24 0.27	100.52 6.07 0.46	95.31 5.50 0.43	75.25 4.13 0.09	59.89 3.18 0.00	55.08 2.67 0.00	51.09 2.25 0.00
HIGH_RIVER___SOLAR 323847	46.31 1.44 0.00	45.40 1.45 0.00	43.40 1.38 0.00	42.52 1.28 0.00	44.51 1.46 0.00	48.28 1.77 0.00	75.57 2.98 0.00	100.81 4.62 0.00	81.72 1.68 0.00	53.03 0.00 0.00	45.74 -0.55 0.00	44.02 -0.58 0.00	43.38 -0.52 0.00	44.08 -0.40 0.00	44.36 -0.27 0.00	49.19 0.15 0.00	57.76 0.96 0.00	80.67 2.44 0.26	98.25 3.80 0.45	93.05 3.24 0.42	73.68 2.56 0.09	58.64 1.93 0.00	53.98 1.57 0.00	50.26 1.42 0.00
HILLBURN___GT 23639	46.76 1.88 0.00	45.76 1.80 0.00	43.57 1.56 0.00	42.85 1.61 0.00	44.64 1.59 0.00	48.18 1.67 0.00	75.93 3.34 0.00	102.36 6.16 0.00	83.56 3.52 0.00	55.42 2.39 0.00	48.51 2.22 0.00	46.78 2.18 0.00	46.18 2.28 0.00	46.79 2.31 0.00	47.03 2.41 0.00	51.40 2.35 0.00	59.63 2.84 0.00	81.84 3.61 0.28	99.26 4.84 0.48	94.29 4.51 0.44	74.53 3.42 0.10	59.38 2.67 0.00	54.61 2.20 0.00	50.84 2.00 0.00
HILLSIDE_115KV_TB1 80332	44.43 -0.45 0.00	43.74 -0.22 0.00	41.81 -0.21 0.00	40.87 -0.37 0.00	42.70 -0.34 0.00	46.09 -0.42 0.00	71.00 -1.60 0.00	91.27 -4.91 0.02	74.54 -5.44 0.06	50.27 -2.76 0.00	44.30 -1.99 0.00	42.24 -2.36 0.00	41.40 -2.50 0.00	41.90 -2.58 0.00	41.85 -2.77 0.00	45.46 -3.58 0.00	53.05 -3.69 0.06	72.18 -4.95 1.38	87.77 -4.75 2.39	82.65 -5.41 2.17	66.24 -3.99 0.99	53.25 -3.40 0.06	48.58 -3.77 0.06	46.10 -2.73 0.00

HISHELDN_WT_PWR 323625	43.89 -0.99 0.00	43.25 -0.70 0.00	41.56 -0.46 0.00	40.42 -0.82 0.00	42.27 -0.77 0.00	45.49 -1.02 0.00	68.38 -4.21 0.00	88.87 -7.32 0.01	72.97 -7.04 0.03	49.48 -3.55 0.00	43.65 -2.64 0.00	41.70 -2.90 0.00	40.91 -2.99 0.00	41.37 -3.11 0.00	41.23 -3.39 0.00	44.83 -4.22 0.00	51.42 -5.34 0.03	70.24 -6.83 1.43	84.57 -7.88 2.46	80.21 -7.76 2.26	63.96 -6.48 0.77	51.52 -5.16 0.03	47.92 -4.46 0.03	45.47 -3.37 0.00
HOLTSVILLE_IC_1 23690	46.63 1.75 0.00	46.02 2.07 0.00	43.66 1.64 0.00	42.81 1.57 0.00	44.64 1.59 0.00	47.53 1.02 0.00	54.25 1.60 19.94	80.34 3.85 19.71	56.26 1.84 25.62	47.40 0.85 6.48	47.86 1.57 0.00	46.02 1.43 0.00	45.53 1.63 0.00	46.08 1.60 0.00	46.85 2.23 0.00	50.27 1.23 0.00	58.10 1.31 0.01	72.75 1.18 6.93	93.09 1.90 3.71	86.64 1.71 5.30	72.45 1.35 0.11	58.07 1.36 0.00	52.64 0.73 0.50	49.90 1.07 0.01
HOLTSVILLE_IC_10 23699	46.81 1.93 0.00	46.20 2.24 0.00	43.82 1.81 0.00	42.97 1.73 0.00	44.77 1.72 0.00	47.72 1.21 0.00	54.59 1.82 19.82	80.83 4.23 19.60	56.65 2.08 25.47	47.60 1.01 6.44	48.09 1.80 0.00	46.20 1.60 0.00	45.70 1.80 0.00	46.26 1.78 0.00	47.03 2.41 0.00	50.46 1.42 0.00	58.26 1.47 0.01	73.14 1.49 6.85	93.52 2.27 3.65	87.10 2.08 5.21	72.81 1.71 0.11	58.30 1.59 0.00	52.81 0.89 0.49	50.10 1.27 0.01
HOLTSVILLE_IC_2 23691	46.63 1.75 0.00	46.02 2.07 0.00	43.66 1.64 0.00	42.81 1.57 0.00	44.64 1.59 0.00	47.53 1.02 0.00	54.25 1.60 19.94	80.34 3.85 19.71	56.26 1.84 25.62	47.40 0.85 6.48	47.86 1.57 0.00	46.02 1.43 0.00	45.53 1.63 0.00	46.08 1.60 0.00	46.85 2.23 0.00	50.27 1.23 0.00	58.10 1.31 0.01	72.75 1.18 6.93	93.09 1.90 3.71	86.64 1.71 5.30	72.45 1.35 0.11	58.07 1.36 0.00	52.64 0.73 0.50	49.90 1.07 0.01
HOLTSVILLE_IC_3 23692	46.63 1.75 0.00	46.02 2.07 0.00	43.66 1.64 0.00	42.81 1.57 0.00	44.64 1.59 0.00	47.53 1.02 0.00	54.25 1.60 19.94	80.34 3.85 19.71	56.26 1.84 25.62	47.40 0.85 6.48	47.86 1.57 0.00	46.02 1.43 0.00	45.53 1.63 0.00	46.08 1.60 0.00	46.85 2.23 0.00	50.27 1.23 0.00	58.10 1.31 0.01	72.75 1.18 6.93	93.09 1.90 3.71	86.64 1.71 5.30	72.45 1.35 0.11	58.07 1.36 0.00	52.64 0.73 0.50	49.90 1.07 0.01
HOLTSVILLE_IC_4 23693	46.63 1.75 0.00	46.02 2.07 0.00	43.66 1.64 0.00	42.81 1.57 0.00	44.64 1.59 0.00	47.53 1.02 0.00	54.25 1.60 19.94	80.34 3.85 19.71	56.26 1.84 25.62	47.40 0.85 6.48	47.86 1.57 0.00	46.02 1.43 0.00	45.53 1.63 0.00	46.08 1.60 0.00	46.85 2.23 0.00	50.27 1.23 0.00	58.10 1.31 0.01	72.75 1.18 6.93	93.09 1.90 3.71	86.64 1.71 5.30	72.45 1.35 0.11	58.07 1.36 0.00	52.64 0.73 0.50	49.90 1.07 0.01
HOLTSVILLE_IC_5 23694	46.63 1.75 0.00	46.02 2.07 0.00	43.66 1.64 0.00	42.81 1.57 0.00	44.64 1.59 0.00	47.53 1.02 0.00	54.25 1.60 19.94	80.34 3.85 19.71	56.26 1.84 25.62	47.40 0.85 6.48	47.86 1.57 0.00	46.02 1.43 0.00	45.53 1.63 0.00	46.08 1.60 0.00	46.85 2.23 0.00	50.27 1.23 0.00	58.10 1.31 0.01	72.75 1.18 6.93	93.09 1.90 3.71	86.64 1.71 5.30	72.45 1.35 0.11	58.07 1.36 0.00	52.64 0.73 0.50	49.90 1.07 0.01
HOLTSVILLE_IC_6 23695	46.81 1.93 0.00	46.20 2.24 0.00	43.82 1.81 0.00	42.97 1.73 0.00	44.77 1.72 0.00	47.72 1.21 0.00	54.59 1.82 19.82	80.83 4.23 19.60	56.65 2.08 25.47	47.60 1.01 6.44	48.09 1.80 0.00	46.20 1.60 0.00	45.70 1.80 0.00	46.26 1.78 0.00	47.03 2.41 0.00	50.46 1.42 0.00	58.26 1.47 0.01	73.14 1.49 6.85	93.52 2.27 3.65	87.10 2.08 5.21	72.81 1.71 0.11	58.30 1.59 0.00	52.81 0.89 0.49	50.10 1.27 0.01
HOLTSVILLE_IC_7 23696	46.81 1.93 0.00	46.20 2.24 0.00	43.82 1.81 0.00	42.97 1.73 0.00	44.77 1.72 0.00	47.72 1.21 0.00	54.59 1.82 19.82	80.83 4.23 19.60	56.65 2.08 25.47	47.60 1.01 6.44	48.09 1.80 0.00	46.20 1.60 0.00	45.70 1.80 0.00	46.26 1.78 0.00	47.03 2.41 0.00	50.46 1.42 0.00	58.26 1.47 0.01	73.14 1.49 6.85	93.52 2.27 3.65	87.10 2.08 5.21	72.81 1.71 0.11	58.30 1.59 0.00	52.81 0.89 0.49	50.10 1.27 0.01
HOLTSVILLE_IC_8 23697	46.81 1.93 0.00	46.20 2.24 0.00	43.82 1.81 0.00	42.97 1.73 0.00	44.77 1.72 0.00	47.72 1.21 0.00	54.59 1.82 19.82	80.83 4.23 19.60	56.65 2.08 25.47	47.60 1.01 6.44	48.09 1.80 0.00	46.20 1.60 0.00	45.70 1.80 0.00	46.26 1.78 0.00	47.03 2.41 0.00	50.46 1.42 0.00	58.26 1.47 0.01	73.14 1.49 6.85	93.52 2.27 3.65	87.10 2.08 5.21	72.81 1.71 0.11	58.30 1.59 0.00	52.81 0.89 0.49	50.10 1.27 0.01
HOLTSVILLE_IC_9 23698	46.81 1.93 0.00	46.20 2.24 0.00	43.82 1.81 0.00	42.97 1.73 0.00	44.77 1.72 0.00	47.72 1.21 0.00	54.59 1.82 19.82	80.83 4.23 19.60	56.65 2.08 25.47	47.60 1.01 6.44	48.09 1.80 0.00	46.20 1.60 0.00	45.70 1.80 0.00	46.26 1.78 0.00	47.03 2.41 0.00	50.46 1.42 0.00	58.26 1.47 0.01	73.14 1.49 6.85	93.52 2.27 3.65	87.10 2.08 5.21	72.81 1.71 0.11	58.30 1.59 0.00	52.81 0.89 0.49	50.10 1.27 0.01
HOMER_HL_115KV_TB2 355744	43.44 -1.44 0.00	43.03 -0.92 0.00	41.14 -0.88 0.00	40.04 -1.20 0.00	41.84 -1.21 0.00	45.02 -1.49 0.00	68.53 -4.07 0.00	89.16 -7.02 0.01	73.93 -6.08 0.03	49.74 -3.29 0.00	43.93 -2.36 0.00	41.88 -2.72 0.00	41.05 -2.85 0.00	41.46 -3.02 0.00	41.36 -3.26 0.00	44.83 -4.22 0.00	53.64 -3.12 0.03	72.35 -4.71 1.44	89.00 -3.42 2.49	82.08 -5.86 2.29	67.53 -2.92 0.76	53.85 -2.84 0.03	47.82 -4.56 0.03	45.32 -3.52 0.00
HOWARD_WT_PWR 323690	44.92 0.04 0.00	44.13 0.18 0.00	42.35 0.33 0.00	41.32 0.08 0.00	43.26 0.22 0.00	46.60 0.09 0.00	71.29 -1.30 0.00	92.72 -3.46 0.02	75.34 -4.64 0.06	50.54 -2.49 0.00	44.44 -1.85 0.00	42.50 -2.10 0.00	41.66 -2.24 0.00	42.17 -2.31 0.00	42.08 -2.54 0.00	45.76 -3.29 0.00	52.98 -3.75 0.07	72.39 -4.71 1.40	87.44 -5.03 2.43	82.80 -5.24 2.20	65.72 -4.42 1.08	52.90 -3.74 0.07	48.84 -3.51 0.06	46.15 -2.69 0.00
HQ_GEN_CEDARS 23644	46.00 1.12 0.00	45.14 1.19 0.00	43.11 1.09 0.00	42.44 1.20 0.00	44.16 1.12 0.00	47.86 1.35 0.00	74.48 1.89 0.00	96.87 0.67 0.00	81.96 1.92 0.00	54.36 1.33 0.00	47.45 1.16 0.00	45.76 1.16 0.00	44.96 1.05 0.00	45.46 0.98 0.00	45.56 0.94 0.00	50.02 0.98 0.00	57.76 0.97 0.00	79.92 1.41 0.00	95.38 0.47 0.00	91.85 1.62 0.00	72.64 1.42 0.00	57.91 1.19 0.00	53.67 1.26 0.00	50.06 1.22 0.00
HQ_GEN_CEDARS_PROXY 323590	46.00 1.12 0.00	45.14 1.19 0.00	43.11 1.09 0.00	42.44 1.20 0.00	44.16 1.12 0.00	47.86 1.35 0.00	75.39 1.88 -0.91	95.97 0.68 0.91	81.96 1.92 0.00	54.36 1.33 0.00	47.45 1.16 0.00	45.76 1.16 0.00	44.95 1.05 0.00	45.46 0.98 0.00	45.56 0.94 0.00	50.02 0.98 0.00	57.82 1.02 0.00	79.92 1.41 0.00	95.48 0.57 0.00	91.85 1.63 0.00	72.56 1.35 0.00	57.91 1.19 0.00	53.67 1.26 0.00	49.96 1.12 0.00

HQ_GEN_IMPORT 323601	45.15 0.27 0.00	44.22 0.27 0.00	42.27 0.25 0.00	41.53 0.29 0.00	43.30 0.26 0.00	46.84 0.33 0.00	73.94 0.44 -0.91	95.00 -0.29 0.91	80.52 0.48 0.00	53.41 0.37 0.00	46.62 0.33 0.00	44.91 0.31 0.00	44.17 0.27 0.00	44.75 0.27 0.00	44.89 0.27 0.00	49.29 0.25 0.00	57.02 0.23 0.00	78.82 0.32 0.00	95.00 0.10 0.00	90.59 0.36 0.00	71.50 0.29 0.00	57.00 0.28 0.00	52.73 0.32 0.00	49.13 0.29 0.00
HQ_GEN_WHEEL 23651	45.15 0.27 0.00	44.22 0.27 0.00	42.27 0.25 0.00	41.53 0.29 0.00	43.30 0.26 0.00	46.84 0.33 0.00	73.94 0.44 -0.91	95.00 -0.29 0.91	80.52 0.48 0.00	53.41 0.37 0.00	46.62 0.33 0.00	44.91 0.31 0.00	44.17 0.27 0.00	44.75 0.27 0.00	44.89 0.27 0.00	49.29 0.25 0.00	57.02 0.23 0.00	78.82 0.32 0.00	95.00 0.10 0.00	90.59 0.36 0.00	71.50 0.29 0.00	57.00 0.28 0.00	52.73 0.32 0.00	49.13 0.29 0.00
HUDSON AVE_GT_3 23810	47.03 2.15 0.00	45.93 1.98 0.00	43.70 1.68 0.00	43.05 1.81 0.00	44.81 1.76 0.00	48.42 1.91 0.00	76.51 3.92 0.00	103.22 7.02 0.00	84.36 4.32 0.00	56.06 3.02 0.00	49.07 2.78 0.00	47.41 2.81 0.00	46.80 2.90 0.00	47.42 2.94 0.00	47.70 3.08 0.00	52.13 3.09 0.00	60.32 3.52 0.00	82.63 4.40 0.27	100.23 5.79 0.47	95.03 5.23 0.43	75.18 4.06 0.09	59.89 3.18 0.00	55.14 2.73 0.00	51.23 2.39 0.00
HUDSON AVE_GT_4 23540	47.03 2.15 0.00	45.93 1.98 0.00	43.70 1.68 0.00	43.05 1.81 0.00	44.81 1.76 0.00	48.42 1.91 0.00	76.51 3.92 0.00	103.22 7.02 0.00	84.36 4.32 0.00	56.06 3.02 0.00	49.07 2.78 0.00	47.41 2.81 0.00	46.80 2.90 0.00	47.42 2.94 0.00	47.70 3.08 0.00	52.13 3.09 0.00	60.32 3.52 0.00	82.63 4.40 0.27	100.23 5.79 0.47	95.03 5.23 0.43	75.18 4.06 0.09	59.89 3.18 0.00	55.14 2.73 0.00	51.23 2.39 0.00
HUDSON AVE_GT_5 23657	47.03 2.15 0.00	45.93 1.98 0.00	43.70 1.68 0.00	43.05 1.81 0.00	44.81 1.76 0.00	48.42 1.91 0.00	76.51 3.92 0.00	103.22 7.02 0.00	84.36 4.32 0.00	56.06 3.02 0.00	49.07 2.78 0.00	47.41 2.81 0.00	46.80 2.90 0.00	47.42 2.94 0.00	47.70 3.08 0.00	52.13 3.09 0.00	60.32 3.52 0.00	82.63 4.40 0.27	100.23 5.79 0.47	95.03 5.23 0.43	75.18 4.06 0.09	59.89 3.18 0.00	55.14 2.73 0.00	51.23 2.39 0.00
HUDSON_AVE_10 24168	46.90 2.02 0.00	45.80 1.85 0.00	43.57 1.55 0.00	42.93 1.69 0.00	44.68 1.64 0.00	48.33 1.81 0.00	76.22 3.63 0.00	102.93 6.73 0.00	84.12 4.08 0.00	55.90 2.86 0.00	48.98 2.68 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.28 2.80 0.00	47.57 2.95 0.00	52.04 2.99 0.00	60.15 3.35 0.00	82.39 4.16 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.96 3.85 0.09	59.72 3.01 0.00	55.03 2.62 0.00	51.13 2.30 0.00
HUDSON___115KV_TB 4 355613	45.77 0.90 0.00	44.75 0.79 0.00	42.78 0.76 0.00	41.94 0.70 0.00	43.82 0.77 0.00	47.35 0.84 0.00	74.34 1.74 0.00	99.28 3.08 0.00	81.24 1.20 0.00	53.35 0.32 0.00	46.11 -0.19 0.00	44.42 -0.18 0.00	43.81 -0.09 0.00	44.48 0.00 0.00	44.71 0.09 0.00	49.39 0.34 0.00	57.65 0.85 0.00	80.15 1.65 0.00	97.56 2.66 0.00	92.21 1.99 0.00	72.85 1.64 0.00	57.91 1.19 0.00	53.36 0.94 0.00	49.52 0.68 0.00
HUNTER MOUNT___DRP 323613	45.91 1.03 0.00	44.83 0.88 0.00	42.86 0.84 0.00	42.06 0.82 0.00	43.95 0.90 0.00	47.44 0.93 0.00	74.55 1.96 0.00	99.56 3.37 0.00	81.48 1.44 0.00	53.35 0.32 0.00	46.01 -0.28 0.00	44.29 -0.31 0.00	43.68 -0.22 0.00	44.35 -0.13 0.00	44.58 -0.04 0.00	49.24 0.20 0.00	57.65 0.85 0.00	80.08 1.81 0.23	97.55 3.04 0.39	92.12 2.26 0.36	72.91 1.78 0.08	58.02 1.30 0.00	53.51 1.10 0.00	49.57 0.73 0.00
HUNTINGTON_RES_REC 323705	46.63 1.75 0.00	45.98 2.02 0.00	43.62 1.60 0.00	42.81 1.57 0.00	44.59 1.55 0.00	47.53 1.02 0.00	54.30 1.45 19.75	80.42 3.75 19.53	56.35 1.68 25.38	47.57 0.96 6.42	47.95 1.66 0.00	46.16 1.56 0.00	45.66 1.76 0.00	46.21 1.73 0.00	46.89 2.27 0.00	50.22 1.18 0.00	58.21 1.42 0.01	73.18 1.49 6.81	92.95 2.27 4.23	86.22 2.08 6.09	72.67 1.56 0.11	58.18 1.47 0.00	52.71 0.79 0.49	49.86 1.03 0.01
HUNTLEY___63 23557	43.84 -1.03 0.00	43.47 -0.48 0.00	41.60 -0.42 0.00	40.29 -0.95 0.00	42.10 -0.95 0.00	45.40 -1.12 0.00	67.44 -5.15 0.00	87.72 -8.47 0.01	72.25 -7.76 0.02	49.53 -3.50 0.00	43.79 -2.50 0.00	41.70 -2.90 0.00	40.96 -2.94 0.00	41.28 -3.20 0.00	41.23 -3.39 0.00	44.83 -4.22 0.00	51.21 -5.57 0.02	69.43 -7.61 1.46	83.41 -9.02 2.48	79.80 -8.12 2.31	62.90 -7.62 0.69	50.74 -5.96 0.02	47.93 -4.45 0.02	45.62 -3.22 0.00
HUNTLEY___64 23558	43.84 -1.03 0.00	43.47 -0.48 0.00	41.60 -0.42 0.00	40.29 -0.95 0.00	42.10 -0.95 0.00	45.40 -1.12 0.00	67.44 -5.15 0.00	87.72 -8.47 0.01	72.25 -7.76 0.02	49.53 -3.50 0.00	43.79 -2.50 0.00	41.70 -2.90 0.00	40.96 -2.94 0.00	41.28 -3.20 0.00	41.23 -3.39 0.00	44.83 -4.22 0.00	51.21 -5.57 0.02	69.43 -7.61 1.46	83.41 -9.02 2.48	79.80 -8.12 2.31	62.90 -7.62 0.69	50.74 -5.96 0.02	47.93 -4.45 0.02	45.62 -3.22 0.00
HUNTLEY___65 23559	43.84 -1.03 0.00	43.47 -0.48 0.00	41.60 -0.42 0.00	40.29 -0.95 0.00	42.10 -0.95 0.00	45.40 -1.12 0.00	67.44 -5.15 0.00	87.72 -8.47 0.01	72.25 -7.76 0.02	49.53 -3.50 0.00	43.79 -2.50 0.00	41.70 -2.90 0.00	40.96 -2.94 0.00	41.28 -3.20 0.00	41.23 -3.39 0.00	44.83 -4.22 0.00	51.21 -5.57 0.02	69.43 -7.61 1.46	83.41 -9.02 2.48	79.80 -8.12 2.31	62.90 -7.62 0.69	50.74 -5.96 0.02	47.93 -4.45 0.02	45.62 -3.22 0.00
HUNTLEY___66 23560	43.84 -1.03 0.00	43.47 -0.48 0.00	41.60 -0.42 0.00	40.29 -0.95 0.00	42.10 -0.95 0.00	45.40 -1.12 0.00	67.44 -5.15 0.00	87.72 -8.47 0.01	72.25 -7.76 0.02	49.53 -3.50 0.00	43.79 -2.50 0.00	41.70 -2.90 0.00	40.96 -2.94 0.00	41.28 -3.20 0.00	41.23 -3.39 0.00	44.83 -4.22 0.00	51.21 -5.57 0.02	69.43 -7.61 1.46	83.41 -9.02 2.48	79.80 -8.12 2.31	62.90 -7.62 0.69	50.74 -5.96 0.02	47.93 -4.45 0.02	45.62 -3.22 0.00
HUNTLEY___67 23561	43.67 -1.21 0.00	43.30 -0.66 0.00	41.43 -0.59 0.00	40.13 -1.11 0.00	41.88 -1.16 0.00	45.21 -1.30 0.00	67.22 -5.37 0.00	87.44 -8.75 0.01	72.01 -8.00 0.02	49.37 -3.66 0.00	43.70 -2.59 0.00	41.57 -3.03 0.00	40.83 -3.07 0.00	41.19 -3.29 0.00	41.14 -3.48 0.00	44.68 -4.36 0.00	51.15 -5.62 0.02	69.27 -7.77 1.46	83.09 -9.30 2.51	79.52 -8.39 2.31	62.74 -7.76 0.71	50.68 -6.01 0.02	47.72 -4.66 0.02	45.37 -3.47 0.00
HUNTLEY___68 23562	43.67 -1.21 0.00	43.30 -0.66 0.00	41.43 -0.59 0.00	40.13 -1.11 0.00	41.88 -1.16 0.00	45.21 -1.30 0.00	67.22 -5.37 0.00	87.44 -8.75 0.01	72.01 -8.00 0.02	49.37 -3.66 0.00	43.70 -2.59 0.00	41.57 -3.03 0.00	40.83 -3.07 0.00	41.19 -3.29 0.00	41.14 -3.48 0.00	44.68 -4.36 0.00	51.15 -5.62 0.02	69.27 -7.77 1.46	83.09 -9.30 2.51	79.52 -8.39 2.31	62.74 -7.76 0.71	50.68 -6.01 0.02	47.72 -4.66 0.02	45.37 -3.47 0.00

HYLAND___LFGE 323620	46.27 1.39 0.00	45.40 1.45 0.00	43.62 1.60 0.00	42.52 1.28 0.00	44.51 1.46 0.00	46.70 0.19 0.00	71.94 -0.65 0.00	94.36 -1.83 0.01	76.65 -3.36 0.03	50.75 -2.28 0.00	44.21 -2.08 0.00	43.44 -1.16 0.00	42.41 -1.49 0.00	43.06 -1.43 0.00	43.10 -1.52 0.00	47.23 -1.81 0.00	54.60 -2.16 0.04	73.55 -3.53 1.42	89.22 -3.23 2.45	85.01 -2.98 2.25	67.20 -3.20 0.81	53.96 -2.72 0.04	50.18 -2.20 0.03	47.18 -1.66 0.00
INDECK___CORINTH 23802	45.73 0.85 0.00	44.88 0.92 0.00	42.94 0.92 0.00	42.06 0.82 0.00	43.95 0.91 0.00	47.44 0.93 0.00	74.33 1.74 0.00	99.27 3.08 0.00	81.32 1.28 0.00	53.25 0.21 0.00	45.87 -0.42 0.00	44.29 -0.31 0.00	43.60 -0.31 0.00	44.17 -0.31 0.00	44.44 -0.18 0.00	49.14 0.10 0.00	57.36 0.57 0.00	79.92 1.41 0.00	97.09 2.18 0.00	91.76 1.53 0.00	72.56 1.35 0.00	57.62 0.90 0.00	53.25 0.84 0.00	49.52 0.68 0.00
INDECK___ILION 23567	45.73 0.85 0.00	44.83 0.88 0.00	42.86 0.84 0.00	42.06 0.82 0.00	43.95 0.90 0.00	47.44 0.93 0.00	74.19 1.60 0.00	98.70 2.50 0.00	81.64 1.60 0.00	53.93 0.90 0.00	47.12 0.83 0.00	45.36 0.76 0.00	44.65 0.75 0.00	45.28 0.80 0.00	45.38 0.76 0.00	49.98 0.93 0.00	57.93 1.14 0.00	80.07 1.57 0.00	96.90 1.99 0.00	91.94 1.71 0.00	72.49 1.28 0.00	57.74 1.02 0.00	53.25 0.84 0.00	49.57 0.73 0.00
INDECK___OLEAN 23982	43.30 -1.57 0.00	42.72 -1.23 0.00	41.05 -0.96 0.00	40.00 -1.24 0.00	41.84 -1.20 0.00	44.98 -1.53 0.00	68.53 -4.06 0.00	89.17 -7.02 0.01	73.93 -6.09 0.03	49.74 -3.29 0.00	43.93 -2.36 0.00	41.97 -2.63 0.00	41.14 -2.76 0.00	41.59 -2.89 0.00	41.45 -3.17 0.00	44.92 -4.12 0.00	54.10 -2.67 0.03	72.36 -4.71 1.43	88.83 -3.61 2.46	83.17 -4.78 2.27	67.58 -2.92 0.71	53.97 -2.72 0.03	48.03 -4.35 0.03	45.32 -3.52 0.00
INDECK___OSWEGO 23783	43.80 -1.08 0.00	42.90 -1.06 0.00	41.01 -1.01 0.00	40.25 -0.99 0.00	42.01 -1.03 0.00	45.49 -1.02 0.00	70.85 -1.74 0.00	94.37 -1.83 0.00	78.04 -2.00 0.00	51.71 -1.32 0.00	45.18 -1.11 0.00	43.44 -1.16 0.00	42.72 -1.18 0.00	43.28 -1.20 0.00	43.42 -1.20 0.00	47.72 -1.32 0.00	54.75 -2.04 0.00	76.99 -2.82 -1.31	93.83 -3.32 -2.25	89.16 -3.16 -2.09	69.17 -2.49 -0.45	54.79 -1.93 0.00	51.05 -1.36 0.00	47.62 -1.22 0.00
INDECK___YERKES 23781	43.67 -1.21 0.00	43.08 -0.88 0.00	41.47 -0.55 0.00	40.29 -0.95 0.00	42.14 -0.91 0.00	45.35 -1.16 0.00	67.51 -5.08 0.00	87.82 -8.37 0.01	72.33 -7.68 0.02	49.48 -3.55 0.00	43.84 -2.45 0.00	41.83 -2.77 0.00	41.09 -2.81 0.00	41.50 -2.98 0.00	41.37 -3.26 0.00	44.97 -4.07 0.00	50.64 -6.14 0.02	69.51 -7.54 1.45	83.04 -9.40 2.46	79.09 -8.84 2.30	62.91 -7.62 0.68	50.74 -5.95 0.02	47.93 -4.46 0.02	45.47 -3.37 0.00
INDIAN POINT_GT_1 24139	46.63 1.75 0.00	45.58 1.63 0.00	43.41 1.39 0.00	42.77 1.53 0.00	44.55 1.51 0.00	48.05 1.53 0.00	75.79 3.19 0.00	102.16 5.96 0.00	83.40 3.36 0.00	55.31 2.28 0.00	48.42 2.13 0.00	46.74 2.14 0.00	46.14 2.24 0.00	46.75 2.27 0.00	47.03 2.41 0.00	51.40 2.35 0.00	59.58 2.78 0.00	81.68 3.45 0.27	99.18 4.75 0.47	94.03 4.24 0.44	74.39 3.28 0.09	59.27 2.55 0.00	54.51 2.10 0.00	50.70 1.86 0.00
INDIAN POINT_GT_2 23659	46.63 1.75 0.00	45.58 1.63 0.00	43.41 1.39 0.00	42.77 1.53 0.00	44.55 1.51 0.00	48.05 1.53 0.00	75.79 3.19 0.00	102.16 5.96 0.00	83.40 3.36 0.00	55.31 2.28 0.00	48.42 2.13 0.00	46.74 2.14 0.00	46.14 2.24 0.00	46.75 2.27 0.00	47.03 2.41 0.00	51.40 2.35 0.00	59.58 2.78 0.00	81.68 3.45 0.27	99.18 4.75 0.47	94.03 4.24 0.44	74.39 3.28 0.09	59.27 2.55 0.00	54.51 2.10 0.00	50.70 1.86 0.00
INDIAN POINT_GT_3 24019	46.63 1.75 0.00	45.58 1.63 0.00	43.41 1.39 0.00	42.77 1.53 0.00	44.55 1.51 0.00	48.05 1.53 0.00	75.79 3.19 0.00	102.16 5.96 0.00	83.40 3.36 0.00	55.31 2.28 0.00	48.42 2.13 0.00	46.74 2.14 0.00	46.14 2.24 0.00	46.75 2.27 0.00	47.03 2.41 0.00	51.40 2.35 0.00	59.58 2.78 0.00	81.68 3.45 0.27	99.18 4.75 0.47	94.03 4.24 0.44	74.39 3.28 0.09	59.27 2.55 0.00	54.51 2.10 0.00	50.70 1.86 0.00
INDIAN POINT___2 23530	46.67 1.80 0.00	45.67 1.71 0.00	43.49 1.47 0.00	42.77 1.53 0.00	44.55 1.51 0.00	48.09 1.58 0.00	75.78 3.19 0.00	102.07 5.87 0.00	83.40 3.36 0.00	55.31 2.28 0.00	48.42 2.13 0.00	46.70 2.10 0.00	46.10 2.19 0.00	46.75 2.27 0.00	46.98 2.36 0.00	51.35 2.31 0.00	59.58 2.78 0.00	81.68 3.45 0.28	99.08 4.65 0.47	94.12 4.33 0.44	74.39 3.28 0.10	59.27 2.55 0.00	54.51 2.10 0.00	50.79 1.96 0.00
INDIAN POINT___3 23531	46.63 1.75 0.00	45.58 1.63 0.00	43.41 1.39 0.00	42.72 1.48 0.00	44.55 1.51 0.00	48.05 1.53 0.00	75.72 3.12 0.00	102.07 5.87 0.00	83.32 3.28 0.00	55.26 2.23 0.00	48.37 2.08 0.00	46.74 2.14 0.00	46.14 2.24 0.00	46.71 2.22 0.00	46.99 2.36 0.00	51.40 2.35 0.00	59.52 2.73 0.00	81.60 3.38 0.27	99.08 4.65 0.47	93.94 4.15 0.44	74.32 3.20 0.09	59.21 2.50 0.00	54.51 2.10 0.00	50.65 1.81 0.00
INGHAM_C_115KV_TB7 356103	46.76 1.88 0.00	45.85 1.89 0.00	43.83 1.81 0.00	43.01 1.77 0.00	44.94 1.89 0.00	48.51 2.00 0.00	75.86 3.27 0.00	100.81 4.62 0.00	83.40 3.36 0.00	55.05 2.02 0.00	48.14 1.85 0.00	46.34 1.74 0.00	45.61 1.71 0.00	46.31 1.82 0.00	46.32 1.70 0.00	51.01 1.96 0.00	59.12 2.33 0.00	81.64 3.14 0.00	98.80 3.89 0.00	93.75 3.52 0.00	73.85 2.63 0.00	58.87 2.16 0.00	54.19 1.78 0.00	50.55 1.71 0.00
IP CORINTH___1 23988	45.95 1.08 0.00	45.01 1.05 0.00	43.15 1.13 0.00	42.27 1.03 0.00	44.16 1.12 0.00	47.67 1.16 0.00	74.77 2.18 0.00	99.76 3.56 0.00	81.72 1.68 0.00	53.51 0.48 0.00	46.15 -0.14 0.00	44.51 -0.09 0.00	43.81 -0.09 0.00	44.44 -0.04 0.00	44.71 0.09 0.00	49.44 0.39 0.00	57.70 0.91 0.00	80.31 1.81 0.00	97.66 2.75 0.00	92.21 1.99 0.00	72.99 1.78 0.00	57.91 1.19 0.00	53.51 1.10 0.00	49.77 0.93 0.00
IP___TICONDEROGA 23804	47.66 2.78 0.00	46.72 2.77 0.00	44.79 2.77 0.00	43.80 2.56 0.00	45.88 2.84 0.00	49.72 3.21 0.00	78.04 5.44 0.00	104.18 7.98 0.00	84.92 4.88 0.00	55.26 2.23 0.00	47.36 1.06 0.00	45.58 0.98 0.00	44.78 0.88 0.00	45.46 0.98 0.00	45.69 1.07 0.00	50.71 1.67 0.00	59.41 2.61 0.00	83.37 4.87 0.00	101.83 6.93 0.00	95.91 5.68 0.00	75.84 4.63 0.00	60.00 3.29 0.00	55.35 2.94 0.00	51.53 2.69 0.00
ISLIP_RES_REC 323679	46.94 2.07 0.00	46.33 2.37 0.00	43.95 1.93 0.00	43.10 1.86 0.00	44.93 1.89 0.00	47.90 1.39 0.00	54.96 2.11 19.74	81.29 4.62 19.52	56.99 2.32 25.37	47.73 1.12 6.42	48.23 1.94 0.00	46.33 1.74 0.00	45.83 1.93 0.00	46.39 1.91 0.00	47.20 2.59 0.00	50.66 1.62 0.00	58.49 1.70 0.01	73.52 1.81 6.79	94.19 2.84 3.56	87.69 2.52 5.06	73.17 2.07 0.11	58.58 1.87 0.00	52.97 1.05 0.49	50.30 1.46 0.01

JAMAICA__27_KV_LOAD 355505	47.08 2.20 0.00	45.98 2.02 0.00	43.66 1.64 0.00	43.05 1.81 0.00	44.81 1.76 0.00	48.51 2.00 0.00	76.37 3.77 0.00	103.12 6.93 0.00	84.36 4.32 0.00	56.06 3.02 0.00	49.12 2.82 0.00	47.45 2.85 0.00	46.84 2.94 0.00	47.42 2.94 0.00	47.74 3.12 0.00	52.23 3.19 0.00	60.32 3.52 0.00	82.55 4.32 0.27	100.23 5.79 0.47	95.03 5.23 0.43	75.18 4.06 0.09	59.83 3.12 0.00	55.35 2.94 0.00	51.38 2.54 0.00
JANIS__SOLAR 323808	46.40 1.53 0.00	45.49 1.54 0.00	43.53 1.51 0.00	42.64 1.40 0.00	44.64 1.59 0.00	48.51 2.00 0.00	76.01 3.41 0.00	101.70 5.48 -0.02	83.29 3.20 -0.05	54.20 1.17 0.00	47.08 0.79 0.00	45.05 0.45 0.00	44.17 0.27 0.00	44.93 0.44 0.00	44.89 0.27 0.00	49.78 0.74 0.00	58.27 1.42 -0.05	80.08 2.75 1.17	97.32 4.37 1.96	92.50 4.15 1.88	74.35 2.99 -0.15	58.87 2.10 -0.05	53.98 1.52 -0.05	50.30 1.46 0.00
JARVIS____ 23743	45.01 0.14 0.00	44.09 0.13 0.00	42.15 0.13 0.00	41.32 0.08 0.00	43.17 0.13 0.00	46.60 0.09 0.00	72.89 0.29 0.00	96.88 0.68 0.00	80.20 0.16 0.00	53.09 0.05 0.00	46.29 0.00 0.00	44.60 0.00 0.00	43.90 0.00 0.00	44.53 0.04 0.00	44.67 0.04 0.00	49.14 0.10 0.00	56.97 0.17 0.00	78.74 0.24 0.00	95.29 0.38 0.00	90.50 0.27 0.00	71.43 0.21 0.00	56.89 0.17 0.00	52.52 0.11 0.00	48.94 0.10 0.00
JENNISON____1 23625	46.58 1.71 0.00	45.80 1.85 0.00	43.74 1.72 0.00	42.85 1.61 0.00	44.85 1.81 0.00	48.65 2.14 0.00	76.30 3.70 0.00	102.26 6.06 -0.01	84.05 4.00 -0.01	54.78 1.75 0.00	47.77 1.48 0.00	45.76 1.16 0.00	44.82 0.92 0.00	45.68 1.20 0.00	45.51 0.89 0.00	50.37 1.32 0.00	58.91 2.10 -0.01	80.68 3.22 1.04	97.98 4.84 1.76	92.99 4.42 1.66	74.28 3.28 0.21	59.05 2.33 -0.01	54.05 1.62 -0.01	50.50 1.66 0.00
JENNISON____2 23626	46.58 1.71 0.00	45.80 1.85 0.00	43.74 1.72 0.00	42.85 1.61 0.00	44.85 1.81 0.00	48.65 2.14 0.00	76.30 3.70 0.00	102.26 6.06 -0.01	84.05 4.00 -0.01	54.78 1.75 0.00	47.77 1.48 0.00	45.76 1.16 0.00	44.82 0.92 0.00	45.68 1.20 0.00	45.51 0.89 0.00	50.37 1.32 0.00	58.91 2.10 -0.01	80.68 3.22 1.04	97.98 4.84 1.76	92.99 4.42 1.66	74.28 3.28 0.21	59.05 2.33 -0.01	54.05 1.62 -0.01	50.50 1.66 0.00
JERICOHO_RISE_WT_PWR 323719	45.50 0.63 0.00	44.66 0.70 0.00	42.65 0.63 0.00	41.94 0.70 0.00	43.69 0.65 0.00	47.21 0.70 0.00	73.25 0.65 0.00	95.81 -0.38 0.00	80.68 0.64 0.00	53.67 0.64 0.00	46.89 0.60 0.00	45.27 0.67 0.00	44.43 0.53 0.00	44.93 0.44 0.00	45.02 0.40 0.00	49.48 0.44 0.00	57.14 0.34 0.00	78.82 0.32 0.00	94.81 -0.09 0.00	90.59 0.36 0.00	71.50 0.29 0.00	57.00 0.28 0.00	52.94 0.52 0.00	49.28 0.44 0.00
KATONAH__115KV_46KV_TB4 355592	46.81 1.93 0.00	45.76 1.80 0.00	43.62 1.60 0.00	42.97 1.73 0.00	44.76 1.72 0.00	48.23 1.72 0.00	76.15 3.56 0.00	102.64 6.45 0.00	83.80 3.76 0.00	55.47 2.44 0.00	48.51 2.22 0.00	46.78 2.19 0.00	46.23 2.33 0.00	46.88 2.40 0.00	47.16 2.54 0.00	51.55 2.50 0.00	59.81 3.01 0.00	82.08 3.85 0.27	99.66 5.22 0.46	94.49 4.69 0.43	74.82 3.70 0.09	59.49 2.78 0.00	54.72 2.31 0.00	50.84 2.00 0.00
KCE_NY_1 323755	46.45 1.57 0.00	45.45 1.50 0.00	43.45 1.43 0.00	42.60 1.36 0.00	44.51 1.46 0.00	48.14 1.63 0.00	75.35 2.76 0.00	100.33 4.13 0.00	82.36 2.32 0.00	54.15 1.12 0.00	46.80 0.51 0.00	45.14 0.54 0.00	44.47 0.57 0.00	45.10 0.62 0.00	45.33 0.71 0.00	50.12 1.08 0.00	58.44 1.65 0.00	81.17 2.67 0.00	98.51 3.61 0.00	93.20 2.97 0.00	73.70 2.49 0.00	58.53 1.81 0.00	54.04 1.63 0.00	50.26 1.42 0.00
KCE_NY_6_ESR 323823	43.80 -1.08 0.00	43.21 -0.75 0.00	41.56 -0.46 0.00	40.37 -0.87 0.00	42.22 -0.82 0.00	45.44 -1.07 0.00	68.09 -4.50 0.00	88.59 -7.60 0.01	73.05 -6.96 0.02	49.80 -3.24 0.00	44.02 -2.27 0.00	42.01 -2.59 0.00	41.27 -2.63 0.00	41.72 -2.76 0.00	41.59 -3.04 0.00	45.17 -3.88 0.00	51.77 -5.00 0.02	70.54 -6.51 1.45	84.92 -7.50 2.48	80.54 -7.40 2.29	64.32 -6.20 0.70	51.81 -4.88 0.02	48.14 -4.24 0.02	45.57 -3.27 0.00
KEDC PORT_JEFF_GT2 24210	46.76 1.88 0.00	46.11 2.15 0.00	43.78 1.76 0.00	42.93 1.69 0.00	44.72 1.68 0.00	47.67 1.16 0.00	54.55 1.82 19.86	80.69 4.13 19.64	56.52 2.00 25.52	47.58 1.01 6.46	48.00 1.71 0.00	46.16 1.56 0.00	45.66 1.76 0.00	46.21 1.73 0.00	46.98 2.36 0.00	50.36 1.32 0.00	58.10 1.31 0.01	72.80 1.18 6.88	93.06 1.90 3.74	86.60 1.71 5.34	72.45 1.35 0.11	58.07 1.36 0.00	52.70 0.79 0.50	50.00 1.17 0.01
KEDC PORT_JEFF_GT3 24211	46.76 1.88 0.00	46.11 2.15 0.00	43.78 1.76 0.00	42.93 1.69 0.00	44.72 1.68 0.00	47.67 1.16 0.00	54.55 1.82 19.86	80.69 4.13 19.64	56.52 2.00 25.52	47.58 1.01 6.46	48.00 1.71 0.00	46.16 1.56 0.00	45.66 1.76 0.00	46.21 1.73 0.00	46.98 2.36 0.00	50.36 1.32 0.00	58.10 1.31 0.01	72.80 1.18 6.88	93.06 1.90 3.74	86.60 1.71 5.34	72.45 1.35 0.11	58.07 1.36 0.00	52.70 0.79 0.50	50.00 1.17 0.01
KEDC_GLWD_GT4 24219	46.99 2.11 0.00	46.11 2.15 0.00	43.78 1.76 0.00	43.05 1.81 0.00	44.85 1.81 0.00	48.23 1.72 0.00	65.62 3.12 10.10	92.08 5.87 9.98	70.43 3.36 12.98	52.03 2.28 3.28	48.80 2.50 -0.01	46.97 2.36 -0.01	46.36 2.46 0.00	46.98 2.49 -0.01	47.44 2.81 -0.01	51.46 2.40 -0.01	59.69 2.90 0.00	79.68 3.61 2.43	98.45 4.84 1.29	93.07 4.51 1.67	74.53 3.42 0.10	59.56 2.83 -0.01	54.35 2.10 0.16	50.84 2.00 0.00
KEDC_GLWD_GT5 24220	46.99 2.11 0.00	46.11 2.15 0.00	43.78 1.76 0.00	43.05 1.81 0.00	44.85 1.81 0.00	48.23 1.72 0.00	65.62 3.12 10.10	92.08 5.87 9.98	70.43 3.36 12.98	52.03 2.28 3.28	48.80 2.50 -0.01	46.97 2.36 -0.01	46.36 2.46 0.00	46.98 2.49 -0.01	47.44 2.81 -0.01	51.46 2.40 -0.01	59.69 2.90 0.00	79.68 3.61 2.43	98.45 4.84 1.29	93.07 4.51 1.67	74.53 3.42 0.10	59.56 2.83 -0.01	54.35 2.10 0.16	50.84 2.00 0.00
KENSICO____ 23655	46.72 1.84 0.00	45.67 1.71 0.00	43.49 1.47 0.00	42.81 1.57 0.00	44.59 1.55 0.00	48.14 1.63 0.00	75.93 3.34 0.00	102.26 6.06 0.00	83.56 3.52 0.00	55.42 2.39 0.00	48.56 2.27 0.00	46.87 2.27 0.00	46.27 2.37 0.00	46.88 2.40 0.00	47.16 2.54 0.00	51.55 2.50 0.00	59.69 2.90 0.00	81.92 3.69 0.27	99.37 4.94 0.47	94.21 4.42 0.43	74.54 3.42 0.09	59.38 2.67 0.00	54.61 2.20 0.00	50.79 1.95 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	47.12 2.24 0.00	46.07 2.11 0.00	43.87 1.85 0.00	43.18 1.94 0.00	45.02 1.98 0.00	48.51 2.00 0.00	76.66 4.07 0.00	103.32 7.12 0.00	84.28 4.24 0.00	55.58 2.55 0.00	48.42 2.13 0.00	46.61 2.01 0.00	45.96 2.06 0.00	46.62 2.14 0.00	46.81 2.19 0.00	51.30 2.26 0.00	59.69 2.90 0.00	82.31 4.08 0.28	100.22 5.79 0.47	95.02 5.23 0.44	75.03 3.92 0.10	59.72 3.01 0.00	54.98 2.57 0.00	50.99 2.15 0.00

KIAC_JFK_GT1 23816	46.85 1.97 0.00	45.71 1.76 0.00	43.45 1.43 0.00	42.85 1.61 0.00	44.59 1.55 0.00	48.28 1.77 0.00	75.72 3.12 0.00	102.26 6.06 0.00	83.64 3.60 0.00	55.79 2.76 0.00	48.88 2.59 0.00	47.23 2.63 0.00	46.62 2.72 0.00	47.20 2.71 0.00	47.52 2.90 0.00	51.99 2.94 0.00	59.75 2.95 0.00	81.76 3.53 0.27	99.28 4.84 0.47	94.13 4.33 0.43	74.47 3.35 0.09	59.27 2.55 0.00	55.08 2.67 0.00	51.09 2.25 0.00
KIAC_JFK_GT2 23817	46.85 1.97 0.00	45.71 1.76 0.00	43.45 1.43 0.00	42.85 1.61 0.00	44.59 1.55 0.00	48.28 1.77 0.00	75.72 3.12 0.00	102.26 6.06 0.00	83.64 3.60 0.00	55.79 2.76 0.00	48.88 2.59 0.00	47.23 2.63 0.00	46.62 2.72 0.00	47.20 2.71 0.00	47.52 2.90 0.00	51.99 2.94 0.00	59.75 2.95 0.00	81.76 3.53 0.27	99.28 4.84 0.47	94.13 4.33 0.43	74.47 3.35 0.09	59.27 2.55 0.00	55.08 2.67 0.00	51.09 2.25 0.00
KIAC_JFK____ 323774	46.90 2.02 0.00	45.84 1.89 0.00	43.53 1.51 0.00	42.85 1.61 0.00	44.59 1.55 0.00	48.32 1.81 0.00	75.64 3.05 0.00	102.26 6.06 0.00	83.65 3.61 0.00	55.79 2.76 0.00	48.88 2.59 0.00	47.14 2.54 0.00	46.58 2.68 0.00	47.20 2.71 0.00	47.52 2.90 0.00	51.94 2.89 0.00	59.86 3.06 0.00	81.77 3.54 0.27	99.28 4.84 0.47	94.31 4.51 0.43	74.54 3.42 0.09	59.32 2.61 0.00	55.08 2.67 0.00	51.23 2.39 0.00
KINTIGH__24_KV_GSU 356498	43.62 -1.26 0.00	42.95 -1.01 0.00	41.30 -0.71 0.00	40.17 -1.07 0.00	41.97 -1.07 0.00	45.26 -1.25 0.00	67.73 -4.86 0.00	88.30 -7.89 0.01	72.58 -7.44 0.02	49.69 -3.34 0.00	43.98 -2.31 0.00	42.01 -2.59 0.00	41.27 -2.63 0.00	41.68 -2.80 0.00	41.59 -3.04 0.00	45.27 -3.78 0.00	50.36 -6.42 0.02	69.34 -7.69 1.47	82.31 -10.06 2.53	78.88 -9.02 2.33	62.41 -8.12 0.68	50.52 -6.18 0.02	48.15 -4.24 0.02	45.67 -3.17 0.00
KINTIGH____ 23543	43.75 -1.12 0.00	43.30 -0.66 0.00	41.43 -0.59 0.00	40.21 -1.03 0.00	41.97 -1.08 0.00	45.30 -1.21 0.00	67.73 -4.86 0.00	88.30 -7.89 0.01	72.58 -7.44 0.02	49.74 -3.29 0.00	43.98 -2.31 0.00	41.88 -2.72 0.00	41.18 -2.72 0.00	41.55 -2.94 0.00	41.50 -3.12 0.00	45.12 -3.92 0.00	51.04 -5.74 0.02	69.33 -7.69 1.48	82.59 -9.78 2.54	79.95 -7.94 2.34	62.40 -8.12 0.69	50.51 -6.18 0.02	48.25 -4.14 0.02	45.81 -3.03 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	45.95 1.08 0.00	45.10 1.14 0.00	43.07 1.05 0.00	42.39 1.15 0.00	44.12 1.08 0.00	47.63 1.12 0.00	73.46 0.87 0.00	96.20 0.00 0.00	80.92 0.88 0.00	53.83 0.80 0.00	47.17 0.88 0.00	45.54 0.94 0.00	44.65 0.75 0.00	45.11 0.62 0.00	45.25 0.62 0.00	49.58 0.54 0.00	56.91 0.11 0.00	79.05 0.55 0.00	95.00 0.09 0.00	91.04 0.81 0.00	71.85 0.64 0.00	57.22 0.51 0.00	53.36 0.94 0.00	49.91 1.07 0.00
LACHUTE____HYDRO 323717	47.66 2.78 0.00	46.81 2.86 0.00	44.79 2.77 0.00	43.80 2.56 0.00	45.88 2.84 0.00	49.77 3.25 0.00	78.04 5.45 0.00	104.18 7.98 0.00	84.92 4.88 0.00	55.26 2.23 0.00	47.36 1.07 0.00	45.58 0.98 0.00	44.78 0.88 0.00	45.42 0.94 0.00	45.69 1.07 0.00	50.71 1.67 0.00	59.41 2.61 0.00	83.37 4.87 0.00	101.74 6.84 0.00	96.01 5.78 0.00	75.84 4.63 0.00	60.00 3.29 0.00	55.40 2.99 0.00	51.57 2.73 0.00
LAWRNCV_115KV_TB1 80681	46.27 1.39 0.00	45.45 1.49 0.00	43.41 1.39 0.00	42.72 1.48 0.00	44.51 1.46 0.00	48.28 1.77 0.00	74.99 2.40 0.00	97.83 1.64 0.00	82.44 2.40 0.00	54.52 1.48 0.00	47.59 1.30 0.00	45.94 1.34 0.00	45.09 1.19 0.00	45.64 1.16 0.00	45.65 1.03 0.00	50.22 1.18 0.00	57.76 0.97 0.00	79.76 1.26 0.00	95.09 0.19 0.00	91.58 1.35 0.00	72.49 1.28 0.00	58.13 1.42 0.00	53.98 1.57 0.00	50.40 1.56 0.00
LEDERLE____ 23769	46.85 1.97 0.00	45.80 1.85 0.00	43.62 1.60 0.00	42.97 1.73 0.00	44.76 1.72 0.00	48.28 1.77 0.00	76.15 3.56 0.00	102.74 6.54 0.00	83.96 3.92 0.00	55.68 2.65 0.00	48.70 2.41 0.00	46.96 2.36 0.00	46.36 2.46 0.00	46.97 2.49 0.00	47.21 2.59 0.00	51.64 2.60 0.00	59.81 3.01 0.00	82.07 3.85 0.28	99.65 5.22 0.48	94.57 4.78 0.44	74.75 3.63 0.10	59.55 2.84 0.00	54.77 2.36 0.00	50.89 2.05 0.00
LIGHTHSE_115KV_TB6 355974	44.70 -0.18 0.00	43.87 -0.09 0.00	41.89 -0.13 0.00	41.08 -0.16 0.00	42.96 -0.09 0.00	46.56 0.05 0.00	72.67 0.07 0.00	96.87 0.67 0.00	79.96 -0.08 0.00	52.71 -0.32 0.00	45.97 -0.32 0.00	44.15 -0.45 0.00	43.37 -0.53 0.00	44.04 -0.44 0.00	44.04 -0.58 0.00	48.55 -0.49 0.00	56.11 -0.68 0.00	77.72 -0.79 0.00	94.24 -0.66 0.00	89.69 -0.54 0.00	70.57 -0.64 0.00	56.32 -0.40 0.00	52.10 -0.31 0.00	48.64 -0.20 0.00
LINDEN COGEN____ 23786	46.85 1.97 0.00	45.80 1.85 0.00	43.53 1.51 0.00	42.85 1.61 0.00	44.59 1.55 0.00	48.23 1.72 0.00	76.08 3.48 0.00	102.64 6.45 0.00	83.96 3.92 0.00	55.79 2.76 0.00	48.88 2.59 0.00	47.14 2.54 0.00	46.58 2.68 0.00	47.20 2.71 0.00	47.48 2.86 0.00	51.84 2.79 0.00	60.15 3.35 0.00	82.23 4.00 0.27	99.75 5.31 0.47	94.76 4.96 0.43	74.89 3.77 0.10	59.60 2.89 0.00	54.93 2.52 0.00	51.14 2.30 0.00
LINDHRST_69_KV_BK1 356055	47.12 2.24 0.00	46.33 2.37 0.00	44.08 2.06 0.00	43.30 2.06 0.00	45.15 2.11 0.00	48.19 1.67 0.00	56.90 2.47 18.16	83.24 5.00 17.96	59.26 2.56 23.34	48.72 1.59 5.90	48.75 2.45 0.00	46.92 2.32 0.00	46.49 2.59 0.00	46.84 2.36 0.00	47.53 2.90 0.00	51.25 2.21 0.00	59.40 2.61 0.01	75.73 2.83 5.60	96.72 4.37 2.55	90.56 3.88 3.55	74.24 3.13 0.11	59.33 2.61 0.00	53.58 1.57 0.40	50.44 1.61 0.01
LIPA_MISC_IPP 23656	46.45 1.57 0.00	45.85 1.89 0.00	43.66 1.64 0.00	42.85 1.61 0.00	44.64 1.59 0.00	47.35 0.84 0.00	54.35 1.67 19.92	80.45 3.94 19.69	56.36 1.92 25.60	47.30 0.74 6.47	47.77 1.48 0.00	46.07 1.47 0.00	45.79 1.89 0.00	45.99 1.51 0.00	46.80 2.19 0.00	50.51 1.47 0.00	58.38 1.59 0.01	72.76 1.18 6.92	92.90 1.71 3.71	86.29 1.35 5.29	72.38 1.28 0.11	57.84 1.13 0.00	52.65 0.73 0.50	49.56 0.73 0.01
LISF____SOLAR 323691	46.67 1.80 0.00	46.11 2.15 0.00	43.78 1.76 0.00	42.93 1.69 0.00	44.72 1.68 0.00	47.58 1.07 0.00	54.51 1.82 19.89	80.66 4.13 19.67	56.47 2.00 25.57	47.36 0.80 6.47	47.81 1.53 0.00	45.93 1.34 0.00	45.40 1.49 0.00	45.94 1.47 0.00	46.80 2.19 0.00	50.31 1.27 0.00	58.21 1.42 0.01	72.85 1.25 6.90	93.01 1.80 3.70	86.67 1.71 5.27	72.53 1.42 0.11	58.13 1.42 0.00	52.75 0.84 0.50	50.00 1.17 0.01
LITTLE FALLS____HYD 24013	46.76 1.88 0.00	45.85 1.89 0.00	43.83 1.81 0.00	43.01 1.77 0.00	44.94 1.89 0.00	48.51 2.00 0.00	75.86 3.27 0.00	100.81 4.62 0.00	83.40 3.36 0.00	55.05 2.02 0.00	48.14 1.85 0.00	46.34 1.74 0.00	45.61 1.71 0.00	46.31 1.82 0.00	46.32 1.70 0.00	51.01 1.96 0.00	59.12 2.33 0.00	81.64 3.14 0.00	98.80 3.89 0.00	93.75 3.52 0.00	73.85 2.63 0.00	58.87 2.16 0.00	54.19 1.78 0.00	50.55 1.71 0.00

LITTLRIV_115KV_TB1 356100	46.76 1.88 0.00	46.02 2.07 0.00	43.95 1.93 0.00	43.22 1.98 0.00	45.02 1.98 0.00	48.93 2.42 0.00	76.22 3.63 0.00	99.28 3.08 0.00	83.40 3.36 0.00	54.89 1.86 0.00	47.91 1.62 0.00	46.21 1.61 0.00	45.31 1.40 0.00	45.91 1.42 0.00	45.87 1.25 0.00	50.52 1.47 0.00	58.27 1.48 0.00	80.62 2.12 0.00	96.42 1.52 0.00	92.94 2.71 0.00	73.56 2.35 0.00	58.93 2.21 0.00	54.61 2.20 0.00	50.99 2.15 0.00
LI_NEWBRDGE___DRP 323616	46.45 1.57 0.00	45.67 1.71 0.00	43.49 1.47 0.00	42.72 1.48 0.00	44.51 1.46 0.00	47.53 1.02 0.00	53.86 1.89 20.62	80.04 4.23 20.39	55.54 2.00 26.50	47.66 1.33 6.70	48.23 1.94 0.01	46.47 1.87 0.01	46.01 2.11 0.00	46.39 1.91 0.01	46.98 2.36 0.01	50.66 1.62 0.01	58.66 1.87 0.01	73.30 2.20 7.40	94.84 3.13 3.20	88.43 2.71 4.51	73.24 2.14 0.11	58.52 1.81 0.01	53.03 1.15 0.53	49.81 0.98 0.01
LOCKPORT_115KV_TB60_63_64 80432	44.02 -0.85 0.00	43.65 -0.31 0.00	41.77 -0.25 0.00	40.46 -0.78 0.00	42.23 -0.82 0.00	45.58 -0.93 0.00	67.08 -5.52 0.00	87.34 -8.85 0.01	71.86 -8.16 0.02	49.21 -3.82 0.00	43.56 -2.73 0.00	41.43 -3.17 0.00	40.70 -3.20 0.00	41.01 -3.47 0.00	40.96 -3.66 0.00	44.53 -4.51 0.00	50.81 -5.96 0.02	68.95 -8.09 1.46	82.53 -9.87 2.51	79.25 -8.66 2.32	62.32 -8.19 0.71	50.34 -6.35 0.02	47.73 -4.66 0.02	45.27 -3.57 0.00
LOCKPORT___CC1 323769	43.76 -1.12 0.00	43.17 -0.79 0.00	41.56 -0.46 0.00	40.33 -0.91 0.00	42.14 -0.91 0.00	45.39 -1.12 0.00	67.07 -5.52 0.00	87.25 -8.94 0.01	71.78 -8.24 0.02	49.16 -3.87 0.00	43.56 -2.73 0.00	41.57 -3.03 0.00	40.83 -3.07 0.00	41.24 -3.25 0.00	41.10 -3.53 0.00	44.68 -4.37 0.00	50.13 -6.64 0.02	68.88 -8.17 1.45	82.16 -10.25 2.49	78.45 -9.47 2.30	62.25 -8.26 0.70	50.28 -6.41 0.02	47.62 -4.77 0.02	45.42 -3.42 0.00
LOCKPORT___CC2 323770	43.76 -1.12 0.00	43.17 -0.79 0.00	41.56 -0.46 0.00	40.33 -0.91 0.00	42.14 -0.91 0.00	45.39 -1.12 0.00	67.07 -5.52 0.00	87.25 -8.94 0.01	71.78 -8.24 0.02	49.16 -3.87 0.00	43.56 -2.73 0.00	41.57 -3.03 0.00	40.83 -3.07 0.00	41.24 -3.25 0.00	41.10 -3.53 0.00	44.68 -4.37 0.00	50.13 -6.64 0.02	68.88 -8.17 1.45	82.16 -10.25 2.49	78.45 -9.47 2.30	62.25 -8.26 0.70	50.28 -6.41 0.02	47.62 -4.77 0.02	45.42 -3.42 0.00
LOCKPORT___CC3 323771	43.76 -1.12 0.00	43.17 -0.79 0.00	41.56 -0.46 0.00	40.33 -0.91 0.00	42.14 -0.91 0.00	45.39 -1.12 0.00	67.07 -5.52 0.00	87.25 -8.94 0.01	71.78 -8.24 0.02	49.16 -3.87 0.00	43.56 -2.73 0.00	41.57 -3.03 0.00	40.83 -3.07 0.00	41.24 -3.25 0.00	41.10 -3.53 0.00	44.68 -4.37 0.00	50.13 -6.64 0.02	68.88 -8.17 1.45	82.16 -10.25 2.49	78.45 -9.47 2.30	62.25 -8.26 0.70	50.28 -6.41 0.02	47.62 -4.77 0.02	45.42 -3.42 0.00
LOCUSVLY_69_KV_BK2 55797	46.85 1.97 0.00	45.98 2.02 0.00	43.78 1.76 0.00	43.05 1.81 0.00	44.85 1.81 0.00	48.00 1.49 0.00	62.59 2.76 12.76	89.06 5.48 12.62	66.68 3.04 16.40	50.90 2.02 4.15	48.70 2.41 -0.01	46.97 2.36 0.00	46.45 2.55 0.00	46.89 2.40 -0.01	47.44 2.81 -0.01	51.31 2.26 -0.01	59.40 2.61 0.00	78.15 3.22 3.57	97.63 4.46 1.73	91.88 3.97 2.32	74.17 3.06 0.10	59.22 2.50 -0.01	54.00 1.83 0.25	50.40 1.56 0.00
LONG_LAKE_PHOENIX 24014	44.02 -0.85 0.00	43.12 -0.84 0.00	41.22 -0.80 0.00	40.42 -0.82 0.00	42.23 -0.82 0.00	45.67 -0.84 0.00	71.14 -1.45 0.00	94.85 -1.35 0.00	78.44 -1.60 0.00	51.97 -1.06 0.00	45.41 -0.88 0.00	43.62 -0.98 0.00	42.89 -1.01 0.00	43.50 -0.98 0.00	43.60 -1.03 0.00	47.92 -1.13 0.00	55.43 -1.36 0.00	77.25 -1.81 -0.55	93.77 -2.09 -0.95	89.22 -1.89 -0.88	69.77 -1.64 -0.19	55.35 -1.36 0.00	51.26 -1.15 0.00	47.76 -1.07 0.00
LOVETT___3 23632	46.63 1.75 0.00	45.58 1.63 0.00	43.41 1.39 0.00	42.77 1.53 0.00	44.55 1.51 0.00	48.05 1.53 0.00	75.79 3.19 0.00	102.07 5.87 0.00	83.40 3.36 0.00	55.31 2.28 0.00	48.42 2.13 0.00	46.74 2.14 0.00	46.14 2.24 0.00	46.75 2.27 0.00	46.99 2.36 0.00	51.40 2.35 0.00	59.52 2.73 0.00	81.60 3.38 0.28	99.08 4.65 0.48	93.94 4.15 0.44	74.39 3.28 0.10	59.21 2.50 0.00	54.51 2.10 0.00	50.70 1.86 0.00
LOVETT___4 23642	46.63 1.75 0.00	45.58 1.63 0.00	43.41 1.39 0.00	42.77 1.53 0.00	44.55 1.51 0.00	48.05 1.53 0.00	75.79 3.19 0.00	102.07 5.87 0.00	83.40 3.36 0.00	55.31 2.28 0.00	48.42 2.13 0.00	46.74 2.14 0.00	46.14 2.24 0.00	46.75 2.27 0.00	46.99 2.36 0.00	51.40 2.35 0.00	59.52 2.73 0.00	81.60 3.38 0.28	99.08 4.65 0.48	93.94 4.15 0.44	74.39 3.28 0.10	59.21 2.50 0.00	54.51 2.10 0.00	50.70 1.86 0.00
LOVETT___5 23593	46.63 1.75 0.00	45.58 1.63 0.00	43.41 1.39 0.00	42.77 1.53 0.00	44.55 1.51 0.00	48.05 1.53 0.00	75.79 3.19 0.00	102.07 5.87 0.00	83.40 3.36 0.00	55.31 2.28 0.00	48.42 2.13 0.00	46.74 2.14 0.00	46.14 2.24 0.00	46.75 2.27 0.00	46.99 2.36 0.00	51.40 2.35 0.00	59.52 2.73 0.00	81.60 3.38 0.28	99.08 4.65 0.48	93.94 4.15 0.44	74.39 3.28 0.10	59.21 2.50 0.00	54.51 2.10 0.00	50.70 1.86 0.00
LOWER RAQUET___HYD 24057	46.36 1.48 0.00	45.58 1.63 0.00	43.53 1.51 0.00	42.81 1.57 0.00	44.64 1.59 0.00	48.37 1.86 0.00	75.20 2.61 0.00	98.12 1.92 0.00	82.60 2.56 0.00	54.62 1.59 0.00	47.68 1.39 0.00	45.98 1.38 0.00	45.13 1.23 0.00	45.68 1.20 0.00	45.69 1.07 0.00	50.27 1.23 0.00	57.87 1.08 0.00	79.68 1.18 0.00	95.10 0.19 0.00	91.49 1.26 0.00	72.35 1.14 0.00	58.19 1.47 0.00	54.09 1.68 0.00	50.45 1.61 0.00
LOWER___HUDSON 24059	46.04 1.16 0.00	44.97 1.01 0.00	42.94 0.92 0.00	42.15 0.91 0.00	44.03 0.99 0.00	47.58 1.07 0.00	74.41 1.82 0.00	98.99 2.79 0.00	81.40 1.36 0.00	53.67 0.64 0.00	46.57 0.28 0.00	45.00 0.40 0.00	44.34 0.44 0.00	44.93 0.44 0.00	45.20 0.58 0.00	49.97 0.93 0.00	58.22 1.42 0.00	80.54 2.04 0.00	97.66 2.75 0.00	92.39 2.16 0.00	73.06 1.85 0.00	58.13 1.42 0.00	53.62 1.21 0.00	49.82 0.98 0.00
LOWVILLE_115KV_TB2 356335	46.18 1.30 0.00	45.41 1.45 0.00	43.36 1.34 0.00	42.52 1.28 0.00	44.51 1.46 0.00	48.28 1.77 0.00	75.79 3.19 0.00	101.58 5.39 0.00	83.96 3.92 0.00	54.62 1.59 0.00	47.54 1.25 0.00	45.67 1.07 0.00	44.82 0.92 0.00	45.64 1.16 0.00	45.47 0.85 0.00	50.12 1.08 0.00	58.16 1.36 0.00	80.70 2.20 0.00	97.28 2.37 0.00	92.66 2.44 0.00	72.78 1.57 0.00	58.13 1.42 0.00	53.56 1.15 0.00	50.45 1.61 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.40 1.53 0.00	45.41 1.45 0.00	43.45 1.43 0.00	42.56 1.32 0.00	44.51 1.46 0.00	48.09 1.58 0.00	75.28 2.69 0.00	100.33 4.14 0.00	82.36 2.32 0.00	54.09 1.06 0.00	46.80 0.51 0.00	45.13 0.54 0.00	44.47 0.57 0.00	45.11 0.62 0.00	45.34 0.71 0.00	50.12 1.08 0.00	58.39 1.59 0.00	81.09 2.59 0.00	98.51 3.61 0.00	93.12 2.89 0.00	73.63 2.42 0.00	58.53 1.81 0.00	53.98 1.57 0.00	50.21 1.37 0.00

LUTHERNY_35_KV_BK2 355980	46.40 1.53 0.00	45.41 1.45 0.00	43.45 1.43 0.00	42.60 1.36 0.00	44.51 1.46 0.00	48.14 1.63 0.00	75.35 2.76 0.00	100.33 4.14 0.00	82.36 2.32 0.00	54.15 1.11 0.00	46.80 0.51 0.00	45.13 0.54 0.00	44.47 0.57 0.00	45.11 0.62 0.00	45.34 0.71 0.00	50.12 1.08 0.00	58.44 1.65 0.00	81.17 2.67 0.00	98.51 3.61 0.00	93.12 2.89 0.00	73.63 2.42 0.00	58.53 1.81 0.00	54.04 1.62 0.00	50.21 1.37 0.00
LWR___OSWEGATCHIE_HYD 23850	46.22 1.35 0.00	45.41 1.45 0.00	43.36 1.34 0.00	42.60 1.36 0.00	44.46 1.42 0.00	48.28 1.77 0.00	75.35 2.76 0.00	99.37 3.17 0.00	82.84 2.80 0.00	54.31 1.27 0.00	47.31 1.02 0.00	45.58 0.98 0.00	44.82 0.92 0.00	45.55 1.07 0.00	45.42 0.80 0.00	50.07 1.03 0.00	57.65 0.85 0.00	79.76 1.26 0.00	95.76 0.85 0.00	91.76 1.53 0.00	72.35 1.14 0.00	58.19 1.47 0.00	53.83 1.42 0.00	50.45 1.61 0.00
LYONS_FALL_HYD 23570	46.00 1.12 0.00	45.18 1.23 0.00	43.19 1.17 0.00	42.35 1.11 0.00	44.29 1.25 0.00	48.04 1.53 0.00	75.35 2.76 0.00	101.58 5.38 0.00	83.96 3.92 0.00	54.68 1.65 0.00	47.59 1.29 0.00	45.76 1.16 0.00	44.91 1.01 0.00	45.73 1.24 0.00	45.56 0.94 0.00	50.08 1.03 0.00	58.10 1.31 0.00	80.25 2.04 0.29	96.88 2.46 0.49	92.21 2.44 0.46	72.82 1.71 0.10	58.13 1.42 0.00	53.51 1.10 0.00	50.20 1.37 0.00
MADISON___COUNTY_LFGE 323628	45.95 1.08 0.00	45.10 1.14 0.00	43.11 1.09 0.00	42.27 1.03 0.00	44.25 1.21 0.00	47.95 1.44 0.00	75.21 2.61 0.00	99.18 2.98 0.00	81.81 1.76 0.00	53.83 0.80 0.00	46.94 0.65 0.00	45.09 0.49 0.00	44.34 0.44 0.00	45.02 0.53 0.00	45.02 0.40 0.00	50.07 1.03 0.00	58.22 1.42 0.00	79.88 2.20 0.82	96.53 3.04 1.41	91.80 2.89 1.31	73.04 2.07 0.24	58.31 1.59 0.00	53.62 1.21 0.00	50.06 1.22 0.00
MALONE___115KV_TB1 356076	46.27 1.39 0.00	45.41 1.45 0.00	43.36 1.34 0.00	42.72 1.48 0.00	44.46 1.42 0.00	48.23 1.72 0.00	74.84 2.25 0.00	97.83 1.64 0.00	82.44 2.40 0.00	54.62 1.59 0.00	47.73 1.44 0.00	46.07 1.47 0.00	45.17 1.27 0.00	45.64 1.16 0.00	45.69 1.07 0.00	50.17 1.13 0.00	57.82 1.02 0.00	80.15 1.65 0.00	96.14 1.23 0.00	92.30 2.08 0.00	72.85 1.64 0.00	58.08 1.36 0.00	53.93 1.52 0.00	50.26 1.42 0.00
MAPLEWOD_115KV_TB3 80458	45.64 0.76 0.00	44.61 0.66 0.00	42.65 0.63 0.00	41.82 0.58 0.00	43.69 0.65 0.00	47.21 0.70 0.00	73.90 1.31 0.00	98.51 2.31 0.00	81.00 0.96 0.00	53.40 0.37 0.00	46.38 0.09 0.00	44.78 0.18 0.00	44.17 0.26 0.00	44.75 0.27 0.00	45.02 0.40 0.00	49.68 0.64 0.00	57.76 0.97 0.00	79.92 1.41 0.00	96.99 2.09 0.00	91.67 1.44 0.00	72.57 1.35 0.00	57.74 1.02 0.00	53.25 0.84 0.00	49.43 0.59 0.00
MAPLE_RIDGE_WT_1 323574	44.92 0.04 0.00	44.04 0.09 0.00	42.10 0.08 0.00	41.32 0.08 0.00	43.13 0.09 0.00	46.60 0.09 0.00	72.74 0.15 0.00	96.20 0.00 0.00	80.12 0.08 0.00	53.09 0.05 0.00	46.34 0.05 0.00	44.64 0.04 0.00	43.95 0.04 0.00	44.53 0.04 0.00	44.67 0.04 0.00	49.09 0.05 0.00	56.80 0.00 0.00	78.50 0.00 0.00	94.53 -0.38 0.00	89.87 -0.36 0.00	70.86 -0.35 0.00	56.49 -0.23 0.00	52.25 -0.16 0.00	48.69 -0.15 0.00
MAPLE_RIDGE_WT_2 323611	44.92 0.04 0.00	44.04 0.09 0.00	42.10 0.08 0.00	41.32 0.08 0.00	43.13 0.09 0.00	46.60 0.09 0.00	72.74 0.15 0.00	96.20 0.00 0.00	80.12 0.08 0.00	53.09 0.05 0.00	46.34 0.05 0.00	44.64 0.04 0.00	43.95 0.04 0.00	44.53 0.04 0.00	44.67 0.04 0.00	49.09 0.05 0.00	56.80 0.00 0.00	78.50 0.00 0.00	94.53 -0.38 0.00	89.87 -0.36 0.00	70.86 -0.35 0.00	56.49 -0.23 0.00	52.25 -0.16 0.00	48.69 -0.15 0.00
MARBLE_RIVER_WT_PWR 323696	45.50 0.63 0.00	44.62 0.66 0.00	42.65 0.63 0.00	41.94 0.70 0.00	43.69 0.65 0.00	47.16 0.65 0.00	73.03 0.44 0.00	95.72 -0.48 0.00	80.52 0.48 0.00	53.56 0.53 0.00	46.85 0.56 0.00	45.18 0.58 0.00	44.39 0.48 0.00	44.88 0.40 0.00	44.98 0.36 0.00	49.43 0.39 0.00	57.02 0.23 0.00	78.66 0.16 0.00	94.62 -0.28 0.00	90.41 0.18 0.00	71.28 0.07 0.00	56.89 0.17 0.00	52.88 0.47 0.00	49.23 0.39 0.00
MARSHVLE_115KV_TB1 80742	46.09 1.21 0.00	45.19 1.23 0.00	43.24 1.22 0.00	42.35 1.11 0.00	44.38 1.33 0.00	48.23 1.72 0.00	75.50 2.90 0.00	100.91 4.71 0.00	81.48 1.44 0.00	52.82 -0.21 0.00	45.41 -0.88 0.00	43.66 -0.94 0.00	43.02 -0.88 0.00	43.86 -0.62 0.00	44.13 -0.49 0.00	49.09 0.05 0.00	57.59 0.80 0.00	80.38 2.20 0.32	98.06 3.70 0.55	92.70 2.98 0.51	73.38 2.28 0.11	58.53 1.81 0.00	53.77 1.36 0.00	50.06 1.22 0.00
MARSH_HILL_WT_PWR 323713	44.92 0.04 0.00	44.18 0.22 0.00	42.35 0.33 0.00	41.32 0.08 0.00	43.26 0.22 0.00	46.60 0.09 0.00	71.29 -1.30 0.00	92.62 -3.56 0.02	75.18 -4.80 0.06	50.49 -2.54 0.00	44.35 -1.94 0.00	42.42 -2.18 0.00	41.57 -2.33 0.00	42.12 -2.36 0.00	41.99 -2.63 0.00	45.66 -3.38 0.00	52.87 -3.86 0.06	72.23 -4.87 1.40	87.35 -5.13 2.43	82.71 -5.32 2.20	65.68 -4.48 1.04	52.85 -3.80 0.06	48.74 -3.62 0.06	46.11 -2.73 0.00
MCINTYRE_115KV_TB2 80467	46.90 2.02 0.00	46.11 2.15 0.00	44.04 2.02 0.00	43.30 2.06 0.00	45.15 2.11 0.00	49.07 2.56 0.00	76.51 3.92 0.00	99.47 3.27 0.00	83.56 3.52 0.00	54.94 1.91 0.00	47.91 1.62 0.00	46.21 1.61 0.00	45.31 1.40 0.00	45.86 1.38 0.00	45.87 1.25 0.00	50.52 1.47 0.00	58.44 1.65 0.00	81.09 2.59 0.00	97.18 2.28 0.00	93.66 3.43 0.00	74.06 2.85 0.00	59.15 2.44 0.00	54.77 2.36 0.00	51.13 2.30 0.00
MECO_____69_KV_BK1 80468	46.90 2.02 0.00	45.98 2.02 0.00	43.95 1.93 0.00	43.05 1.81 0.00	45.15 2.11 0.00	49.07 2.56 0.00	76.88 4.28 0.00	102.64 6.45 0.00	83.00 2.96 0.00	53.56 0.53 0.00	45.87 -0.42 0.00	44.02 -0.58 0.00	43.42 -0.48 0.00	44.30 -0.18 0.00	44.62 0.00 0.00	49.63 0.59 0.00	58.44 1.65 0.00	81.83 3.61 0.29	99.82 5.41 0.49	94.37 4.60 0.46	74.67 3.56 0.10	59.38 2.67 0.00	54.61 2.20 0.00	50.84 2.00 0.00
MENANDS___115KV_TB5 355628	45.46 0.58 0.00	44.39 0.44 0.00	42.44 0.42 0.00	41.65 0.41 0.00	43.52 0.47 0.00	46.98 0.47 0.00	73.54 0.94 0.00	98.03 1.83 0.00	80.60 0.56 0.00	53.19 0.16 0.00	46.20 -0.09 0.00	44.64 0.04 0.00	44.03 0.13 0.00	44.62 0.13 0.00	44.89 0.27 0.00	49.53 0.49 0.00	57.59 0.80 0.00	79.60 1.10 0.00	96.52 1.61 0.00	91.22 0.99 0.00	72.21 1.00 0.00	57.51 0.79 0.00	52.99 0.58 0.00	49.23 0.39 0.00
MG INDUSTRY___DRP 24185	45.55 0.67 0.00	44.57 0.62 0.00	42.61 0.59 0.00	41.82 0.58 0.00	43.69 0.65 0.00	47.16 0.65 0.00	73.83 1.23 0.00	98.31 2.12 0.00	80.76 0.72 0.00	53.19 0.16 0.00	46.20 -0.09 0.00	44.55 -0.04 0.00	43.95 0.04 0.00	44.53 0.04 0.00	44.80 0.18 0.00	49.39 0.34 0.00	57.48 0.68 0.00	79.52 1.02 0.00	96.52 1.61 0.00	91.40 1.17 0.00	72.28 1.07 0.00	57.57 0.85 0.00	53.09 0.68 0.00	49.38 0.54 0.00

MID___OSWEGATCHIE_HYD 23849	46.22 1.35 0.00	45.41 1.45 0.00	43.36 1.34 0.00	42.60 1.36 0.00	44.46 1.42 0.00	48.28 1.77 0.00	75.35 2.76 0.00	99.37 3.17 0.00	82.84 2.80 0.00	54.31 1.27 0.00	47.31 1.02 0.00	45.58 0.98 0.00	44.82 0.92 0.00	45.55 1.07 0.00	45.42 0.80 0.00	50.07 1.03 0.00	57.65 0.85 0.00	79.76 1.26 0.00	95.76 0.85 0.00	91.76 1.53 0.00	72.35 1.14 0.00	58.19 1.47 0.00	53.83 1.42 0.00	50.45 1.61 0.00
MID___RAQUETTE_HYD 23851	46.36 1.48 0.00	45.58 1.63 0.00	43.53 1.51 0.00	42.81 1.57 0.00	44.64 1.59 0.00	48.37 1.86 0.00	75.21 2.61 0.00	98.12 1.92 0.00	82.60 2.56 0.00	54.57 1.54 0.00	47.68 1.39 0.00	45.98 1.38 0.00	45.13 1.23 0.00	45.68 1.20 0.00	45.69 1.07 0.00	50.27 1.23 0.00	57.76 0.97 0.00	79.68 1.18 0.00	95.00 0.09 0.00	91.49 1.26 0.00	72.49 1.28 0.00	58.19 1.47 0.00	54.09 1.68 0.00	50.55 1.71 0.00
MILLIKEN___1 23584	45.42 0.54 0.00	44.53 0.57 0.00	42.57 0.55 0.00	41.69 0.45 0.00	43.60 0.56 0.00	47.21 0.70 0.00	73.61 1.02 0.00	98.43 2.21 -0.02	81.06 0.96 -0.05	53.46 0.42 0.00	46.66 0.37 0.00	44.73 0.13 0.00	43.95 0.04 0.00	44.57 0.09 0.00	44.71 0.09 0.00	49.14 0.10 0.00	57.20 0.34 -0.06	78.10 0.79 1.18	94.36 1.42 1.97	89.68 1.35 1.90	72.39 0.93 -0.25	57.35 0.57 -0.06	52.78 0.31 -0.05	49.18 0.34 0.00
MILLIKEN___2 23585	45.42 0.54 0.00	44.53 0.57 0.00	42.57 0.55 0.00	41.69 0.45 0.00	43.60 0.56 0.00	47.21 0.70 0.00	73.61 1.02 0.00	98.43 2.21 -0.02	81.06 0.96 -0.05	53.46 0.42 0.00	46.66 0.37 0.00	44.73 0.13 0.00	43.95 0.04 0.00	44.57 0.09 0.00	44.71 0.09 0.00	49.14 0.10 0.00	57.20 0.34 -0.06	78.10 0.79 1.18	94.36 1.42 1.97	89.68 1.35 1.90	72.39 0.93 -0.25	57.35 0.57 -0.06	52.78 0.31 -0.05	49.18 0.34 0.00
MILLIKEN___DIESEL 23629	45.42 0.54 0.00	44.53 0.57 0.00	42.57 0.55 0.00	41.69 0.45 0.00	43.60 0.56 0.00	47.21 0.70 0.00	73.61 1.02 0.00	98.43 2.21 -0.02	81.06 0.96 -0.05	53.46 0.42 0.00	46.66 0.37 0.00	44.73 0.13 0.00	43.95 0.04 0.00	44.57 0.09 0.00	44.71 0.09 0.00	49.14 0.10 0.00	57.20 0.34 -0.06	78.10 0.79 1.18	94.36 1.42 1.97	89.68 1.35 1.90	72.39 0.93 -0.25	57.35 0.57 -0.06	52.78 0.31 -0.05	49.18 0.34 0.00
MILLSEAT___LFGE 323607	44.38 -0.49 0.00	43.74 -0.22 0.00	42.10 0.08 0.00	40.91 -0.33 0.00	42.79 -0.26 0.00	46.19 -0.32 0.00	68.82 -3.78 0.00	89.94 -6.25 0.01	73.86 -6.16 0.02	50.27 -2.76 0.00	44.44 -1.85 0.00	42.42 -2.18 0.00	41.71 -2.19 0.00	42.04 -2.45 0.00	41.81 -2.81 0.00	45.56 -3.48 0.00	51.38 -5.40 0.02	70.92 -6.12 1.45	84.81 -7.60 2.49	80.88 -7.04 2.31	64.05 -6.48 0.69	51.65 -5.05 0.02	48.78 -3.62 0.02	46.40 -2.44 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.67 1.80 0.00	45.63 1.67 0.00	43.45 1.43 0.00	42.77 1.53 0.00	44.55 1.51 0.00	48.09 1.58 0.00	75.79 3.19 0.00	102.16 5.96 0.00	83.48 3.44 0.00	55.37 2.33 0.00	48.47 2.18 0.00	46.78 2.19 0.00	46.18 2.28 0.00	46.80 2.31 0.00	47.03 2.41 0.00	51.45 2.40 0.00	59.58 2.78 0.00	81.76 3.53 0.27	99.18 4.75 0.47	94.03 4.24 0.44	74.46 3.35 0.09	59.27 2.55 0.00	54.56 2.15 0.00	50.70 1.86 0.00
MILLWOOD_13_KV_LOAD 356217	46.76 1.88 0.00	45.71 1.76 0.00	43.53 1.51 0.00	42.89 1.65 0.00	44.68 1.64 0.00	48.14 1.63 0.00	76.01 3.41 0.00	102.45 6.25 0.00	83.64 3.60 0.00	55.42 2.39 0.00	48.51 2.22 0.00	46.83 2.23 0.00	46.23 2.33 0.00	46.88 2.40 0.00	47.12 2.50 0.00	51.55 2.50 0.00	59.75 2.95 0.00	81.92 3.69 0.27	99.47 5.03 0.47	94.30 4.51 0.44	74.61 3.49 0.09	59.38 2.67 0.00	54.67 2.25 0.00	50.79 1.95 0.00
MODEL_CITY_ENERGY 24167	43.62 -1.26 0.00	42.99 -0.97 0.00	41.43 -0.59 0.00	40.21 -1.03 0.00	42.01 -1.03 0.00	45.26 -1.25 0.00	66.28 -6.32 0.00	86.18 -10.01 0.01	70.97 -9.04 0.02	48.69 -4.35 0.00	43.14 -3.15 0.00	41.17 -3.43 0.00	40.43 -3.47 0.00	40.84 -3.65 0.00	40.69 -3.93 0.00	44.24 -4.80 0.00	49.56 -7.21 0.02	68.02 -9.03 1.45	81.02 -11.39 2.50	77.37 -10.56 2.30	61.45 -9.05 0.71	49.66 -7.03 0.02	47.15 -5.24 0.02	45.13 -3.71 0.00
MODERN_LFGE___ 323580	43.62 -1.26 0.00	42.99 -0.97 0.00	41.43 -0.59 0.00	40.21 -1.03 0.00	42.01 -1.03 0.00	45.26 -1.25 0.00	66.28 -6.32 0.00	86.18 -10.01 0.01	70.97 -9.04 0.02	48.69 -4.35 0.00	43.14 -3.15 0.00	41.17 -3.43 0.00	40.43 -3.47 0.00	40.84 -3.65 0.00	40.69 -3.93 0.00	44.24 -4.80 0.00	49.56 -7.21 0.02	68.02 -9.03 1.45	81.02 -11.39 2.50	77.37 -10.56 2.30	61.45 -9.05 0.71	49.66 -7.03 0.02	47.15 -5.24 0.02	45.13 -3.71 0.00
MOHAWK_PAPER___DRP 24187	45.64 0.76 0.00	44.61 0.66 0.00	42.65 0.63 0.00	41.82 0.58 0.00	43.69 0.65 0.00	47.21 0.70 0.00	73.90 1.31 0.00	98.51 2.31 0.00	81.00 0.96 0.00	53.40 0.37 0.00	46.38 0.09 0.00	44.78 0.18 0.00	44.17 0.26 0.00	44.75 0.27 0.00	45.02 0.40 0.00	49.68 0.64 0.00	57.76 0.97 0.00	79.92 1.41 0.00	96.99 2.09 0.00	91.67 1.44 0.00	72.57 1.35 0.00	57.74 1.02 0.00	53.25 0.84 0.00	49.43 0.59 0.00
MOHICAN___35_KV_115KV_LD 80490	46.31 1.44 0.00	45.36 1.41 0.00	43.45 1.43 0.00	42.56 1.32 0.00	44.51 1.46 0.00	48.09 1.58 0.00	75.35 2.76 0.00	100.62 4.43 0.00	82.44 2.40 0.00	53.93 0.90 0.00	46.48 0.19 0.00	44.82 0.22 0.00	44.12 0.22 0.00	44.75 0.27 0.00	45.02 0.40 0.00	49.83 0.78 0.00	58.16 1.36 0.00	81.01 2.51 0.00	98.51 3.61 0.00	93.03 2.80 0.00	73.56 2.35 0.00	58.36 1.64 0.00	53.93 1.52 0.00	50.16 1.32 0.00
MONGAUP___HYD 23641	46.94 2.07 0.00	45.84 1.89 0.00	43.70 1.68 0.00	42.97 1.73 0.00	44.77 1.72 0.00	48.32 1.81 0.00	76.15 3.56 0.00	102.54 6.35 0.00	83.48 3.44 0.00	55.05 2.01 0.00	47.96 1.66 0.00	46.16 1.56 0.00	45.57 1.67 0.00	46.22 1.73 0.00	46.45 1.83 0.00	50.91 1.86 0.00	59.29 2.50 0.00	81.83 3.61 0.29	99.63 5.22 0.49	94.64 4.87 0.46	74.67 3.56 0.10	59.44 2.72 0.00	54.72 2.30 0.00	50.84 2.00 0.00
MONTAUK___DIESEL 23721	47.57 2.69 0.00	46.94 2.99 0.00	44.62 2.61 0.00	43.67 2.43 0.00	45.37 2.32 0.00	48.05 1.53 0.00	55.15 2.47 19.91	81.42 4.91 19.69	57.01 2.56 25.59	47.67 1.11 6.47	48.23 1.94 0.00	46.47 1.87 0.00	46.23 2.33 0.00	46.30 1.82 0.00	47.07 2.45 0.00	50.76 1.72 0.00	58.66 1.87 0.01	72.76 1.18 6.92	92.81 1.61 3.71	86.12 1.17 5.28	72.10 1.00 0.11	57.56 0.85 0.00	52.23 0.31 0.50	49.47 0.63 0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	44.47 -0.40 0.00	44.18 0.22 0.00	42.23 0.21 0.00	40.99 -0.25 0.00	42.87 -0.17 0.00	46.14 -0.37 0.00	69.84 -2.76 0.00	90.80 -5.39 0.01	74.57 -5.44 0.03	50.75 -2.28 0.00	44.81 -1.48 0.00	42.68 -1.92 0.00	41.93 -1.98 0.00	42.35 -2.14 0.00	42.26 -2.36 0.00	45.86 -3.19 0.00	53.19 -3.58 0.03	72.03 -5.02 1.45	87.00 -5.41 2.49	81.71 -6.23 2.30	65.14 -5.34 0.73	52.26 -4.42 0.03	48.25 -4.14 0.03	45.57 -3.27 0.00

MORRIS_RIDGE___SOLAR 323848	44.29 -0.58 0.00	43.60 -0.35 0.00	41.85 -0.17 0.00	40.79 -0.45 0.00	42.65 -0.39 0.00	45.91 -0.61 0.00	69.69 -2.91 0.00	90.42 -5.77 0.01	74.00 -6.00 0.04	49.80 -3.24 0.00	43.79 -2.50 0.00	41.83 -2.77 0.00	41.09 -2.81 0.00	41.59 -2.89 0.00	41.45 -3.17 0.00	45.07 -3.97 0.00	52.10 -4.66 0.04	71.28 -5.81 1.41	86.11 -6.36 2.43	81.60 -6.40 2.23	65.11 -5.27 0.84	52.36 -4.31 0.04	48.44 -3.93 0.04	45.86 -2.98 0.00
MORTIMER_115KV_TB3 55949	44.38 -0.49 0.00	43.69 -0.26 0.00	41.81 -0.21 0.00	40.75 -0.49 0.00	42.57 -0.47 0.00	46.09 -0.42 0.00	70.49 -2.11 0.00	92.92 -3.27 0.00	76.59 -3.44 0.01	51.55 -1.48 0.00	45.32 -0.97 0.00	43.35 -1.25 0.00	42.63 -1.27 0.00	43.01 -1.47 0.00	42.97 -1.65 0.00	46.98 -2.06 0.00	53.89 -2.90 0.01	73.50 -3.53 1.47	87.92 -4.46 2.52	84.38 -3.52 2.33	66.52 -4.06 0.63	53.58 -3.12 0.01	50.41 -1.99 0.01	47.37 -1.47 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.94 2.06 0.00	45.85 1.89 0.00	43.62 1.60 0.00	42.97 1.73 0.00	44.76 1.72 0.00	48.33 1.81 0.00	76.30 3.70 0.00	102.83 6.64 0.00	84.04 4.00 0.00	55.79 2.76 0.00	48.88 2.59 0.00	47.23 2.63 0.00	46.62 2.72 0.00	47.20 2.71 0.00	47.52 2.90 0.00	51.94 2.89 0.00	60.09 3.29 0.00	82.31 4.08 0.27	99.85 5.41 0.47	94.67 4.87 0.43	74.96 3.85 0.09	59.72 3.01 0.00	54.98 2.57 0.00	51.09 2.25 0.00
MUNSVILLE_WIND_PWR 323609	47.61 2.74 0.00	46.81 2.86 0.00	44.75 2.73 0.00	43.84 2.60 0.00	45.97 2.93 0.00	50.04 3.53 0.00	78.84 6.24 0.00	105.74 9.53 -0.01	86.63 6.56 -0.03	55.89 2.86 0.00	48.60 2.31 0.00	46.43 1.83 0.00	45.35 1.45 0.00	46.39 1.91 0.00	46.05 1.43 0.00	51.30 2.26 0.00	60.29 3.46 -0.03	82.90 5.49 1.10	100.92 7.87 1.85	95.95 7.48 1.76	76.66 5.48 0.03	60.72 3.97 -0.03	55.37 2.93 -0.03	51.72 2.88 0.00
N SALMON___HYD 24042	46.27 1.39 0.00	45.40 1.45 0.00	43.36 1.34 0.00	42.72 1.48 0.00	44.46 1.42 0.00	48.23 1.72 0.00	74.85 2.25 0.00	97.83 1.63 0.00	82.44 2.40 0.00	54.68 1.65 0.00	47.73 1.44 0.00	46.07 1.47 0.00	45.18 1.27 0.00	45.64 1.15 0.00	45.69 1.07 0.00	50.22 1.18 0.00	57.99 1.19 0.00	80.15 1.65 0.00	96.23 1.33 0.00	92.31 2.08 0.00	72.78 1.56 0.00	58.07 1.36 0.00	53.93 1.52 0.00	50.11 1.27 0.00
N.AKRON___115KV_KNAPP 355671	44.52 -0.36 0.00	44.09 0.13 0.00	42.23 0.21 0.00	40.91 -0.33 0.00	42.74 -0.30 0.00	46.19 -0.33 0.00	68.60 -3.99 0.00	89.65 -6.54 0.01	73.70 -6.32 0.02	50.22 -2.81 0.00	44.35 -1.94 0.00	42.19 -2.41 0.00	41.49 -2.41 0.00	41.77 -2.71 0.00	41.68 -2.95 0.00	45.37 -3.68 0.00	51.89 -4.88 0.02	70.68 -6.36 1.46	84.80 -7.59 2.51	81.41 -6.50 2.32	63.89 -6.62 0.70	51.53 -5.16 0.02	48.72 -3.67 0.02	46.15 -2.69 0.00
N.E_GEN_SANDY PD 24062	46.30 1.25 -0.17	44.97 1.01 0.00	42.94 0.92 0.00	42.15 0.91 0.00	44.03 0.99 0.00	47.53 1.02 0.00	75.17 1.67 -0.91	97.78 2.50 0.91	81.16 1.12 0.00	53.62 0.58 0.00	46.48 0.19 0.00	45.00 0.40 0.00	44.39 0.48 0.00	44.97 0.49 0.00	45.20 0.58 0.00	50.08 1.03 0.00	63.40 1.59 -5.02	86.20 2.12 -5.58	99.00 2.75 -1.34	92.39 2.16 0.00	83.74 1.92 -10.60	59.10 1.53 -0.85	55.00 1.31 -1.28	49.82 0.98 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	46.72 1.84 0.00	45.67 1.71 0.00	43.49 1.47 0.00	42.81 1.57 0.00	44.59 1.55 0.00	48.09 1.58 0.00	75.86 3.27 0.00	102.26 6.06 0.00	83.40 3.36 0.00	55.37 2.33 0.00	48.42 2.13 0.00	46.74 2.14 0.00	46.14 2.24 0.00	46.75 2.27 0.00	46.99 2.36 0.00	51.40 2.35 0.00	59.58 2.78 0.00	81.76 3.53 0.28	99.27 4.84 0.48	94.12 4.33 0.44	74.46 3.35 0.10	59.32 2.61 0.00	54.56 2.15 0.00	50.74 1.90 0.00
N.QUEENS_27_KV_LOAD 356247	47.15 2.29 0.02	46.05 2.11 0.02	43.81 1.81 0.02	43.12 1.90 0.02	44.92 1.89 0.02	48.50 2.00 0.02	76.29 3.70 0.01	103.02 6.83 0.01	83.88 3.84 0.01	55.89 2.86 0.01	48.70 2.41 0.00	47.05 2.45 0.00	46.54 2.63 0.00	47.11 2.62 0.00	47.39 2.77 0.00	51.89 2.84 0.00	59.86 3.07 0.00	81.60 3.38 0.27	98.90 4.46 0.47	93.76 3.97 0.43	74.18 3.06 0.10	59.77 3.06 0.01	55.12 2.73 0.02	51.22 2.39 0.02
N.TROY___115KV_TB1 355778	46.00 1.12 0.00	44.92 0.97 0.00	42.94 0.92 0.00	42.15 0.91 0.00	44.03 0.99 0.00	47.53 1.02 0.00	74.41 1.81 0.00	98.99 2.79 0.00	81.40 1.36 0.00	53.67 0.64 0.00	46.57 0.28 0.00	45.00 0.40 0.00	44.34 0.44 0.00	44.97 0.49 0.00	45.20 0.58 0.00	49.98 0.93 0.00	58.16 1.36 0.00	80.54 2.04 0.00	97.66 2.75 0.00	92.30 2.08 0.00	73.06 1.85 0.00	58.13 1.42 0.00	53.62 1.21 0.00	49.77 0.93 0.00
NARROWS_GT1_1 24228	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
NARROWS_GT1_2 24229	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
NARROWS_GT1_3 24230	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
NARROWS_GT1_4 24231	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
NARROWS_GT1_5 24232	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01

NARROWS_GT1_6 24233	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
NARROWS_GT1_7 24234	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
NARROWS_GT1_8 24235	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
NARROWS_GT2_1 24236	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
NARROWS_GT2_2 24237	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
NARROWS_GT2_3 24238	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
NARROWS_GT2_4 24239	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
NARROWS_GT2_5 24240	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
NARROWS_GT2_6 24241	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
NARROWS_GT2_7 24242	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
NARROWS_GT2_8 24243	47.44 2.56 -0.01	46.38 2.42 -0.01	44.13 2.10 -0.01	43.39 2.14 -0.01	45.20 2.15 -0.01	48.84 2.32 -0.01	76.74 4.14 -0.01	103.61 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.37 2.77 0.00	46.84 2.94 0.00	47.46 2.98 0.00	47.79 3.17 0.00	52.28 3.24 0.00	60.54 3.75 0.00	82.55 4.31 0.26	99.93 5.50 0.47	94.93 5.14 0.44	74.97 3.84 0.09	60.24 3.52 -0.01	55.62 3.20 -0.01	51.73 2.88 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	45.91 1.03 0.00	44.83 0.88 0.00	42.86 0.84 0.00	42.06 0.82 0.00	43.95 0.90 0.00	47.44 0.93 0.00	74.55 1.96 0.00	99.56 3.37 0.00	81.48 1.44 0.00	53.35 0.32 0.00	46.01 -0.28 0.00	44.29 -0.31 0.00	43.68 -0.22 0.00	44.35 -0.13 0.00	44.58 -0.04 0.00	49.24 0.20 0.00	57.65 0.85 0.00	80.08 1.81 0.23	97.55 3.04 0.39	92.12 2.26 0.36	72.91 1.78 0.08	58.02 1.30 0.00	53.51 1.10 0.00	49.57 0.73 0.00
NCHELSEA_115KV_TR2 355582	46.90 2.02 0.00	45.80 1.85 0.00	43.66 1.64 0.00	42.97 1.73 0.00	44.76 1.72 0.00	48.28 1.77 0.00	76.15 3.56 0.00	102.55 6.35 0.00	83.80 3.76 0.00	55.42 2.39 0.00	48.33 2.04 0.00	46.56 1.96 0.00	45.96 2.06 0.00	46.62 2.14 0.00	46.81 2.19 0.00	51.25 2.21 0.00	59.58 2.78 0.00	82.00 3.77 0.27	99.75 5.31 0.47	94.49 4.69 0.43	74.68 3.56 0.09	59.44 2.72 0.00	54.72 2.31 0.00	50.79 1.95 0.00
NEG CAPITAL____MECHNVIL 23645	46.49 1.61 0.00	45.49 1.54 0.00	43.49 1.47 0.00	42.64 1.40 0.00	44.55 1.51 0.00	48.18 1.67 0.00	75.42 2.83 0.00	100.43 4.23 0.00	82.53 2.48 0.00	54.20 1.17 0.00	46.89 0.60 0.00	45.22 0.62 0.00	44.56 0.66 0.00	45.19 0.71 0.00	45.43 0.80 0.00	50.22 1.18 0.00	58.56 1.76 0.00	81.32 2.82 0.00	98.71 3.80 0.00	93.38 3.16 0.00	73.85 2.64 0.00	58.64 1.93 0.00	54.09 1.68 0.00	50.30 1.46 0.00
NEG CENTRAL_HIGH_ACRES 23767	43.44 -1.44 0.00	42.59 -1.36 0.00	40.84 -1.18 0.00	39.92 -1.32 0.00	41.71 -1.33 0.00	45.16 -1.35 0.00	69.61 -2.98 0.00	92.25 -3.95 0.00	76.03 -4.00 0.01	50.91 -2.12 0.00	44.72 -1.57 0.00	42.86 -1.74 0.00	42.14 -1.76 0.00	42.57 -1.91 0.00	42.52 -2.10 0.00	46.59 -2.45 0.00	53.15 -3.64 0.01	72.97 -4.16 1.36	87.34 -5.22 2.34	83.28 -4.78 2.17	66.24 -4.42 0.56	53.19 -3.52 0.01	49.73 -2.67 0.01	46.64 -2.20 0.00

NEG CENTRAL___DRP 24199	44.83 -0.04 0.00	44.00 0.04 0.00	42.02 0.00 0.00	41.16 -0.08 0.00	43.00 -0.04 0.00	46.65 0.14 0.00	72.23 -0.36 0.00	95.71 -0.48 0.00	78.83 -1.20 0.01	52.40 -0.64 0.00	45.97 -0.32 0.00	43.98 -0.62 0.00	43.20 -0.70 0.00	43.73 -0.76 0.00	43.82 -0.80 0.00	47.97 -1.08 0.00	55.59 -1.19 0.01	76.20 -1.26 1.05	91.87 -1.23 1.80	87.31 -1.26 1.66	69.58 -1.14 0.49	55.62 -1.08 0.01	51.40 -1.00 0.01	48.16 -2.68 0.00
NEG CENTRAL___INDECK 23768	45.73 0.85 0.00	44.88 0.92 0.00	43.11 1.09 0.00	42.02 0.78 0.00	43.99 0.95 0.00	46.05 -0.47 0.00	70.71 -1.89 0.00	92.73 -3.46 0.01	75.68 -4.32 0.03	50.54 -2.49 0.00	44.26 -2.04 0.00	43.58 -1.02 0.00	42.72 -1.18 0.00	43.24 -1.25 0.00	43.19 -1.43 0.00	47.18 -1.86 0.00	54.26 -2.50 0.04	72.61 -4.47 1.42	87.61 -4.84 2.45	83.38 -4.60 2.25	66.05 -4.35 0.81	53.11 -3.57 0.04	49.44 -2.93 0.03	46.54 -2.29 0.00
NEG CENTRAL___SENECA 23627	45.01 0.13 0.00	44.22 0.26 0.00	42.27 0.25 0.00	41.32 0.08 0.00	43.22 0.17 0.00	46.88 0.37 0.00	72.30 -0.29 0.00	95.32 -0.87 0.01	78.33 -1.68 0.03	52.24 -0.80 0.00	45.92 -0.37 0.00	43.84 -0.76 0.00	43.02 -0.88 0.00	43.55 -0.93 0.00	43.60 -1.03 0.00	47.67 -1.37 0.00	55.18 -1.59 0.03	75.52 -1.73 1.25	90.94 -1.80 2.16	86.44 -1.80 1.98	68.89 -1.64 0.68	55.21 -1.47 0.03	51.08 -1.31 0.03	48.01 -0.83 0.00
NEG CENTRAL___STATE_STREET 24147	44.79 -0.09 0.00	43.87 -0.09 0.00	41.93 -0.08 0.00	41.08 -0.16 0.00	42.91 -0.13 0.00	46.51 0.00 0.00	72.45 -0.15 0.00	96.59 0.38 0.00	79.65 -0.40 -0.01	52.77 -0.27 0.00	46.15 -0.14 0.00	44.24 -0.36 0.00	43.46 -0.44 0.00	44.08 -0.40 0.00	44.18 -0.45 0.00	48.50 -0.54 0.00	56.29 -0.51 -0.01	77.12 -0.47 0.91	93.16 -0.19 1.56	88.59 -0.18 1.46	70.62 -0.36 0.23	56.33 -0.40 -0.01	51.95 -0.47 -0.01	48.50 -0.34 0.00
NEG MILLWOOD___DRP 24198	46.99 2.11 0.00	45.89 1.93 0.00	43.74 1.72 0.00	43.10 1.86 0.00	44.94 1.89 0.00	48.37 1.86 0.00	76.51 3.92 0.00	103.03 6.83 0.00	84.12 4.08 0.00	55.58 2.55 0.00	48.51 2.22 0.00	46.74 2.14 0.00	46.18 2.28 0.00	46.88 2.40 0.00	47.12 2.50 0.00	51.55 2.50 0.00	59.92 3.12 0.00	82.39 4.16 0.27	100.14 5.69 0.46	94.94 5.14 0.43	75.04 3.92 0.09	59.66 2.95 0.00	54.87 2.46 0.00	50.94 2.10 0.00
NEG NORTH_FLCN_SEA 23793	45.68 0.81 0.00	44.83 0.88 0.00	42.86 0.84 0.00	42.15 0.91 0.00	43.90 0.86 0.00	47.16 0.65 0.00	72.38 -0.22 0.00	94.75 -1.44 0.00	79.80 -0.24 0.00	53.24 0.21 0.00	46.80 0.51 0.00	45.18 0.58 0.00	44.34 0.44 0.00	44.79 0.31 0.00	44.93 0.31 0.00	49.19 0.15 0.00	56.17 -0.62 0.00	77.87 -0.63 0.00	93.58 -1.33 0.00	89.60 -0.63 0.00	70.71 -0.50 0.00	56.54 -0.17 0.00	52.94 0.52 0.00	49.67 0.83 0.00
NEG NORTH_KES_CHATEGAY 23792	45.59 0.72 0.00	44.75 0.79 0.00	42.73 0.71 0.00	42.06 0.82 0.00	43.82 0.77 0.00	47.35 0.84 0.00	73.46 0.87 0.00	96.10 -0.10 0.00	80.84 0.80 0.00	53.67 0.64 0.00	46.94 0.65 0.00	45.27 0.67 0.00	44.43 0.53 0.00	44.93 0.44 0.00	45.07 0.45 0.00	49.49 0.44 0.00	56.97 0.17 0.00	78.97 0.47 0.00	94.90 0.00 0.00	90.86 0.63 0.00	71.78 0.57 0.00	57.17 0.45 0.00	53.09 0.68 0.00	49.57 0.73 0.00
NEG NORTH___ALICE_FALLS 23915	45.95 1.08 0.00	45.10 1.14 0.00	43.07 1.05 0.00	42.39 1.15 0.00	44.12 1.08 0.00	47.63 1.12 0.00	73.46 0.87 0.00	96.20 0.00 0.00	80.92 0.88 0.00	53.83 0.80 0.00	47.17 0.88 0.00	45.54 0.94 0.00	44.65 0.75 0.00	45.11 0.62 0.00	45.25 0.62 0.00	49.58 0.54 0.00	56.91 0.11 0.00	79.05 0.55 0.00	95.00 0.09 0.00	91.04 0.81 0.00	71.85 0.64 0.00	57.22 0.51 0.00	53.36 0.94 0.00	49.91 1.07 0.00
NEG NORTH___LWR_SARANAC 23913	45.95 1.08 0.00	45.10 1.14 0.00	43.07 1.05 0.00	42.39 1.15 0.00	44.12 1.08 0.00	47.63 1.12 0.00	73.46 0.87 0.00	96.20 0.00 0.00	80.92 0.88 0.00	53.83 0.80 0.00	47.17 0.88 0.00	45.54 0.94 0.00	44.65 0.75 0.00	45.11 0.62 0.00	45.25 0.62 0.00	49.58 0.54 0.00	56.91 0.11 0.00	79.05 0.55 0.00	95.00 0.09 0.00	91.04 0.81 0.00	71.85 0.64 0.00	57.22 0.51 0.00	53.36 0.94 0.00	49.91 1.07 0.00
NEG NORTH___PLATTSBURG 23628	45.95 1.08 0.00	45.10 1.14 0.00	43.07 1.05 0.00	42.39 1.15 0.00	44.12 1.08 0.00	47.63 1.11 0.00	73.47 0.87 0.00	96.20 0.00 0.00	80.92 0.88 0.00	53.88 0.85 0.00	47.17 0.88 0.00	45.54 0.94 0.00	44.65 0.75 0.00	45.10 0.62 0.00	45.25 0.62 0.00	49.68 0.64 0.00	57.31 0.51 0.00	79.06 0.55 0.00	95.10 0.19 0.00	91.04 0.81 0.00	71.71 0.50 0.00	57.22 0.51 0.00	53.36 0.94 0.00	49.57 0.73 0.00
NEG WEST_LEA_LOCKPORT 23791	43.93 -0.94 0.00	43.56 -0.40 0.00	41.68 -0.34 0.00	40.37 -0.87 0.00	42.14 -0.90 0.00	45.49 -1.02 0.00	67.08 -5.52 0.00	87.24 -8.95 0.01	71.78 -8.24 0.02	49.21 -3.82 0.00	43.56 -2.73 0.00	41.43 -3.17 0.00	40.70 -3.20 0.00	41.06 -3.43 0.00	40.96 -3.66 0.00	44.53 -4.51 0.00	50.81 -5.96 0.02	68.96 -8.09 1.46	82.53 -9.87 2.51	79.25 -8.66 2.32	62.24 -8.26 0.71	50.34 -6.35 0.02	47.67 -4.72 0.02	45.27 -3.57 0.00
NEG WEST___LANCASTR 23811	43.13 -1.75 0.00	42.72 -1.23 0.00	40.88 -1.13 0.00	39.71 -1.53 0.00	41.49 -1.55 0.00	44.65 -1.86 0.00	67.37 -5.23 0.00	87.92 -8.27 0.01	72.97 -7.04 0.03	49.16 -3.87 0.00	43.42 -2.87 0.00	41.39 -3.21 0.00	40.61 -3.29 0.00	40.97 -3.51 0.00	40.92 -3.70 0.00	44.43 -4.61 0.00	53.36 -3.41 0.03	71.72 -5.34 1.45	88.15 -4.27 2.49	81.08 -6.86 2.29	66.88 -3.63 0.70	53.28 -3.40 0.03	47.41 -4.98 0.03	44.83 -4.00 0.00
NEG_PENN_ALLEGHNY 23528	45.10 0.23 0.00	44.22 0.27 0.00	42.32 0.30 0.00	41.45 0.21 0.00	43.30 0.26 0.00	46.79 0.28 0.00	72.67 0.07 0.00	97.64 1.45 0.00	80.28 0.24 0.01	53.30 0.27 0.00	46.66 0.37 0.00	44.78 0.18 0.00	43.99 0.09 0.00	44.62 0.13 0.00	44.67 0.04 0.00	48.95 -0.10 0.00	56.90 0.11 0.01	77.42 0.16 1.24	93.53 0.76 2.14	88.79 0.54 1.98	71.15 0.43 0.49	56.87 0.17 0.01	52.25 -0.16 0.01	48.89 0.05 0.00
NEG___GEN_MONROE 24207	44.56 -0.31 0.00	43.91 -0.04 0.00	41.98 -0.04 0.00	40.87 -0.37 0.00	42.74 -0.30 0.00	46.33 -0.19 0.00	70.42 -2.18 0.00	92.73 -3.46 0.00	76.27 -3.76 0.01	51.44 -1.59 0.00	45.27 -1.02 0.00	43.22 -1.38 0.00	42.50 -1.40 0.00	42.84 -1.65 0.00	42.79 -1.83 0.00	46.74 -2.31 0.00	53.49 -3.29 0.01	73.03 -4.00 1.47	87.45 -4.94 2.52	84.02 -3.88 2.33	66.23 -4.34 0.64	53.35 -3.35 0.01	50.20 -2.20 0.01	47.33 -1.51 0.00
NEPA___ENERGY 23901	44.11 -0.76 0.00	43.74 -0.22 0.00	41.81 -0.21 0.00	40.62 -0.62 0.00	42.44 -0.60 0.00	45.72 -0.79 0.00	69.04 -3.56 0.00	89.74 -6.45 0.01	73.61 -6.40 0.03	50.12 -2.92 0.00	44.35 -1.94 0.00	42.24 -2.36 0.00	41.44 -2.46 0.00	41.86 -2.62 0.00	41.77 -2.86 0.00	45.32 -3.73 0.00	52.62 -4.15 0.03	71.24 -5.81 1.45	86.25 -6.17 2.49	81.53 -6.41 2.29	65.22 -5.27 0.73	52.32 -4.37 0.03	48.19 -4.19 0.03	45.81 -3.03 0.00

NEVERSINK___HYD 23608	47.12 2.24 0.00	46.07 2.11 0.00	43.91 1.89 0.00	43.18 1.94 0.00	44.98 1.94 0.00	48.56 2.04 0.00	76.58 3.99 0.00	103.13 6.93 0.00	84.36 4.32 0.00	55.53 2.49 0.00	48.33 2.03 0.00	46.47 1.87 0.00	45.83 1.93 0.00	46.53 2.05 0.00	46.68 2.05 0.00	51.15 2.11 0.00	59.69 2.90 0.00	82.22 4.00 0.28	100.01 5.60 0.49	95.01 5.23 0.45	75.03 3.91 0.10	59.72 3.00 0.00	54.93 2.52 0.00	51.04 2.20 0.00
NEWKRMKL_115KV_TB1 55635	45.01 0.13 0.00	44.00 0.04 0.00	42.06 0.04 0.00	41.28 0.04 0.00	43.09 0.04 0.00	46.56 0.05 0.00	72.96 0.36 0.00	97.26 1.06 0.00	79.96 -0.08 0.00	52.77 -0.27 0.00	45.83 -0.46 0.00	44.29 -0.31 0.00	43.68 -0.22 0.00	44.26 -0.22 0.00	44.53 -0.09 0.00	49.09 0.05 0.00	57.08 0.28 0.00	78.89 0.39 0.00	95.66 0.76 0.00	90.50 0.27 0.00	71.57 0.36 0.00	57.00 0.28 0.00	52.52 0.10 0.00	48.79 -0.05 0.00
NEWTON___FALLS_HYD 23847	46.22 1.35 0.00	45.41 1.45 0.00	43.36 1.34 0.00	42.60 1.36 0.00	44.46 1.42 0.00	48.28 1.77 0.00	75.35 2.76 0.00	99.37 3.17 0.00	82.84 2.80 0.00	54.31 1.27 0.00	47.31 1.02 0.00	45.58 0.98 0.00	44.82 0.92 0.00	45.55 1.07 0.00	45.42 0.80 0.00	50.07 1.03 0.00	57.65 0.85 0.00	79.76 1.26 0.00	95.76 0.85 0.00	91.76 1.53 0.00	72.35 1.14 0.00	58.19 1.47 0.00	53.83 1.42 0.00	50.45 1.61 0.00
NGRID_A1_DSASP 323792	42.63 -2.24 0.00	42.07 -1.89 0.00	40.51 -1.51 0.00	39.34 -1.90 0.00	41.06 -1.98 0.00	44.23 -2.28 0.00	65.62 -6.97 0.00	85.22 -10.97 0.01	70.17 -9.85 0.02	48.31 -4.72 0.00	42.82 -3.47 0.00	40.85 -3.75 0.00	40.13 -3.78 0.00	40.52 -3.96 0.00	40.43 -4.20 0.00	43.90 -5.15 0.00	48.88 -7.89 0.02	67.15 -9.89 1.46	79.84 -12.53 2.53	76.28 -11.64 2.31	60.66 -9.83 0.73	49.03 -7.66 0.02	46.73 -5.66 0.02	44.40 -4.44 0.00
NGRID_A2_DSASP 323793	42.63 -2.24 0.00	42.07 -1.89 0.00	40.51 -1.51 0.00	39.34 -1.90 0.00	41.06 -1.98 0.00	44.23 -2.28 0.00	65.62 -6.97 0.00	85.22 -10.97 0.01	70.17 -9.85 0.02	48.31 -4.72 0.00	42.82 -3.47 0.00	40.85 -3.75 0.00	40.13 -3.78 0.00	40.52 -3.96 0.00	40.43 -4.20 0.00	43.90 -5.15 0.00	48.88 -7.89 0.02	67.15 -9.89 1.46	79.84 -12.53 2.53	76.28 -11.64 2.31	60.66 -9.83 0.73	49.03 -7.66 0.02	46.73 -5.66 0.02	44.40 -4.44 0.00
NGRID_A4_DSASP 323807	42.63 -2.24 0.00	42.07 -1.89 0.00	40.51 -1.51 0.00	39.34 -1.90 0.00	41.06 -1.98 0.00	44.23 -2.28 0.00	65.62 -6.97 0.00	85.22 -10.97 0.01	70.17 -9.85 0.02	48.31 -4.72 0.00	42.82 -3.47 0.00	40.85 -3.75 0.00	40.13 -3.78 0.00	40.52 -3.96 0.00	40.43 -4.20 0.00	43.90 -5.15 0.00	48.88 -7.89 0.02	67.15 -9.89 1.46	79.84 -12.53 2.53	76.28 -11.64 2.31	60.66 -9.83 0.73	49.03 -7.66 0.02	46.73 -5.66 0.02	44.40 -4.44 0.00
NIAGARA_115E_LBMP 323715	43.53 -1.35 0.00	42.90 -1.06 0.00	41.30 -0.71 0.00	40.13 -1.11 0.00	41.92 -1.12 0.00	45.16 -1.35 0.00	65.84 -6.75 0.00	85.61 -10.58 0.01	70.41 -9.61 0.02	48.37 -4.67 0.00	42.91 -3.38 0.00	40.90 -3.70 0.00	40.21 -3.69 0.00	40.57 -3.91 0.00	40.47 -4.15 0.00	43.94 -5.10 0.00	49.16 -7.61 0.02	67.55 -9.50 1.45	80.35 -12.05 2.50	76.82 -11.10 2.30	60.95 -9.54 0.72	49.32 -7.37 0.02	46.83 -5.56 0.02	44.93 -3.91 0.00
NIAGARA_115W_LBMP 323714	42.54 -2.34 0.00	41.93 -2.02 0.00	40.42 -1.60 0.00	39.22 -2.02 0.00	40.98 -2.07 0.00	44.14 -2.37 0.00	65.48 -7.11 0.00	85.03 -11.16 0.01	70.01 -10.01 0.02	48.15 -4.88 0.00	42.73 -3.56 0.00	40.76 -3.84 0.00	40.04 -3.86 0.00	40.43 -4.05 0.00	40.34 -4.28 0.00	43.80 -5.25 0.00	48.77 -8.01 0.02	67.00 -10.05 1.46	79.56 -12.81 2.53	76.11 -11.82 2.31	60.52 -9.97 0.72	48.92 -7.77 0.02	46.62 -5.77 0.02	44.30 -4.54 0.00
NIAGARA_230_LBMP 323716	43.22 -1.66 0.00	42.59 -1.36 0.00	41.01 -1.01 0.00	39.84 -1.40 0.00	41.62 -1.42 0.00	44.84 -1.67 0.00	66.57 -6.02 0.00	86.48 -9.71 0.01	71.21 -8.80 0.02	48.90 -4.14 0.00	43.38 -2.91 0.00	41.39 -3.21 0.00	40.65 -3.25 0.00	41.06 -3.42 0.00	40.92 -3.70 0.00	44.43 -4.61 0.00	49.73 -7.04 0.02	68.25 -8.79 1.46	81.19 -11.20 2.51	77.55 -10.37 2.31	61.54 -8.97 0.70	49.83 -6.86 0.02	47.36 -5.03 0.02	44.98 -3.86 0.00
NIAGARA___115KV_198_GIBSON 55903	42.72 -2.15 0.00	42.37 -1.58 0.00	40.55 -1.47 0.00	39.26 -1.98 0.00	40.98 -2.07 0.00	44.19 -2.33 0.00	65.48 -7.11 0.00	85.03 -11.16 0.01	70.01 -10.01 0.02	48.21 -4.83 0.00	42.73 -3.56 0.00	40.63 -3.97 0.00	39.91 -4.00 0.00	40.26 -4.23 0.00	40.20 -4.42 0.00	43.65 -5.39 0.00	49.56 -7.21 0.02	66.99 -10.05 1.46	80.12 -12.24 2.55	77.08 -10.83 2.32	60.51 -9.97 0.73	48.92 -7.77 0.02	46.68 -5.71 0.02	44.93 -3.91 0.00
NIAGARA____ 23760	43.22 -1.66 0.00	42.59 -1.36 0.00	41.01 -1.01 0.00	39.84 -1.40 0.00	41.62 -1.42 0.00	44.84 -1.67 0.00	66.57 -6.02 0.00	86.48 -9.71 0.01	71.21 -8.80 0.02	48.90 -4.14 0.00	43.38 -2.91 0.00	41.39 -3.21 0.00	40.65 -3.25 0.00	41.06 -3.42 0.00	40.92 -3.70 0.00	44.43 -4.61 0.00	49.73 -7.04 0.02	68.26 -8.79 1.46	81.19 -11.20 2.51	77.55 -10.37 2.31	61.53 -8.97 0.71	49.83 -6.86 0.02	47.36 -5.03 0.02	44.98 -3.86 0.00
NINE_MILE_1 23575	43.49 -1.39 0.00	42.59 -1.36 0.00	40.76 -1.26 0.00	39.96 -1.28 0.00	41.71 -1.33 0.00	45.12 -1.39 0.00	70.20 -2.39 0.00	93.40 -2.79 0.00	77.32 -2.72 0.00	51.28 -1.75 0.00	44.81 -1.48 0.00	43.13 -1.47 0.00	42.41 -1.49 0.00	42.97 -1.51 0.00	43.10 -1.52 0.00	47.38 -1.67 0.00	54.75 -2.04 0.00	63.77 -2.75 11.98	71.04 -3.32 20.54	67.99 -3.16 19.08	64.52 -2.56 4.13	54.68 -2.04 0.00	50.63 -1.78 0.00	47.18 -1.66 0.00
NINE_MILE_2 23744	43.49 -1.39 0.00	42.59 -1.36 0.00	40.76 -1.26 0.00	39.96 -1.28 0.00	41.71 -1.33 0.00	45.12 -1.39 0.00	70.20 -2.39 0.00	93.40 -2.79 0.00	77.32 -2.72 0.00	51.28 -1.75 0.00	44.81 -1.48 0.00	43.13 -1.47 0.00	42.45 -1.45 0.00	43.02 -1.47 0.00	43.10 -1.52 0.00	47.38 -1.67 0.00	54.75 -2.04 0.00	63.68 -2.75 12.07	70.88 -3.32 20.70	67.84 -3.16 19.23	64.49 -2.56 4.17	54.68 -2.04 0.00	50.63 -1.78 0.00	47.23 -1.61 0.00
NM_CAPITAL___DRP 24208	45.01 0.13 0.00	44.00 0.04 0.00	42.02 0.00 0.00	41.28 0.04 0.00	43.09 0.04 0.00	46.56 0.05 0.00	72.88 0.29 0.00	97.16 0.96 0.00	79.88 -0.16 0.00	52.77 -0.27 0.00	45.83 -0.46 0.00	44.29 -0.31 0.00	43.68 -0.22 0.00	44.26 -0.22 0.00	44.53 -0.09 0.00	49.09 0.05 0.00	57.08 0.28 0.00	78.89 0.39 0.00	95.66 0.76 0.00	90.41 0.18 0.00	71.57 0.36 0.00	57.00 0.28 0.00	52.52 0.10 0.00	48.79 -0.05 0.00
NM_CENTRAL___DRP 24181	44.25 -0.63 0.00	43.38 -0.57 0.00	41.43 -0.59 0.00	40.62 -0.62 0.00	42.44 -0.60 0.00	45.95 -0.56 0.00	71.50 -1.09 0.00	95.33 -0.87 0.00	78.84 -1.20 0.00	52.29 -0.74 0.00	45.69 -0.60 0.00	43.89 -0.71 0.00	43.16 -0.75 0.00	43.73 -0.76 0.00	43.86 -0.76 0.00	48.16 -0.88 0.00	55.77 -1.02 0.00	75.70 -1.33 1.47	90.96 -1.42 2.52	86.53 -1.35 2.34	69.49 -1.21 0.51	55.69 -1.02 0.00	51.47 -0.94 0.00	48.01 -0.83 0.00

NM_FRONTIER___DRP 24179	42.72 -2.15 0.00	42.37 -1.58 0.00	40.55 -1.47 0.00	39.26 -1.98 0.00	40.98 -2.07 0.00	44.19 -2.33 0.00	65.48 -7.11 0.00	85.03 -11.16 0.01	70.01 -10.01 0.02	48.21 -4.83 0.00	42.73 -3.56 0.00	40.63 -3.97 0.00	39.91 -4.00 0.00	40.26 -4.23 0.00	40.20 -4.42 0.00	43.65 -5.39 0.00	49.56 -7.21 0.02	66.99 -10.05 1.46	80.12 -12.24 2.55	77.08 -10.83 2.32	60.51 -9.97 0.73	48.92 -7.77 0.02	46.68 -5.71 0.02	44.93 -3.91 0.00
NM_ST_REGIS___HYD 24053	46.40 1.53 0.00	45.58 1.63 0.00	43.53 1.51 0.00	42.81 1.57 0.00	44.59 1.55 0.00	48.37 1.86 0.00	75.13 2.54 0.00	98.12 1.92 0.00	82.60 2.56 0.00	54.62 1.59 0.00	47.73 1.44 0.00	46.03 1.43 0.00	45.17 1.27 0.00	45.68 1.20 0.00	45.69 1.07 0.00	50.27 1.23 0.00	57.82 1.02 0.00	79.84 1.33 0.00	95.28 0.38 0.00	91.76 1.53 0.00	72.64 1.42 0.00	58.19 1.47 0.00	54.09 1.68 0.00	50.50 1.66 0.00
NORTHPORT___1 23551	46.63 1.75 0.00	45.98 2.02 0.00	43.66 1.64 0.00	42.81 1.57 0.00	44.59 1.55 0.00	47.53 1.02 0.00	53.88 1.31 20.02	79.96 3.56 19.80	55.83 1.52 25.73	47.53 1.01 6.51	48.00 1.71 0.01	46.25 1.65 0.00	45.79 1.89 0.00	46.35 1.87 0.01	46.94 2.32 0.01	50.17 1.13 0.01	58.21 1.42 0.01	72.92 1.41 7.00	94.05 2.18 3.04	87.93 1.98 4.28	72.60 1.50 0.11	58.13 1.42 0.01	52.64 0.73 0.50	49.81 0.98 0.01
NORTHPORT___2 23552	46.63 1.75 0.00	45.98 2.02 0.00	43.66 1.64 0.00	42.81 1.57 0.00	44.59 1.55 0.00	47.53 1.02 0.00	53.88 1.31 20.02	79.96 3.56 19.80	55.83 1.52 25.73	47.53 1.01 6.51	48.00 1.71 0.01	46.25 1.65 0.00	45.79 1.89 0.00	46.35 1.87 0.01	46.94 2.32 0.01	50.17 1.13 0.01	58.21 1.42 0.01	72.92 1.41 7.00	94.05 2.18 3.04	87.93 1.98 4.28	72.60 1.50 0.11	58.13 1.42 0.01	52.64 0.73 0.50	49.81 0.98 0.01
NORTHPORT___3 23553	46.49 1.61 0.00	45.84 1.89 0.00	43.53 1.51 0.00	42.72 1.48 0.00	44.51 1.46 0.00	47.44 0.93 0.00	53.80 1.16 19.95	79.83 3.37 19.73	55.68 1.28 25.64	47.50 0.96 6.49	47.91 1.62 0.01	46.16 1.56 0.00	45.70 1.80 0.00	46.26 1.78 0.01	46.85 2.23 0.01	50.02 0.98 0.01	58.10 1.31 0.01	72.79 1.25 6.97	93.89 2.00 3.01	87.80 1.80 4.23	72.45 1.35 0.11	58.01 1.31 0.01	52.54 0.63 0.50	49.66 0.83 0.01
NORTHPORT___4 23650	46.49 1.61 0.00	45.84 1.89 0.00	43.53 1.51 0.00	42.72 1.48 0.00	44.51 1.46 0.00	47.44 0.93 0.00	53.80 1.16 19.95	79.83 3.37 19.73	55.68 1.28 25.64	47.50 0.96 6.49	47.91 1.62 0.01	46.16 1.56 0.00	45.70 1.80 0.00	46.26 1.78 0.01	46.85 2.23 0.01	50.02 0.98 0.01	58.10 1.31 0.01	72.79 1.25 6.97	93.89 2.00 3.01	87.80 1.80 4.23	72.45 1.35 0.11	58.01 1.31 0.01	52.54 0.63 0.50	49.66 0.83 0.01
NORTHPORT___IC 23718	46.40 1.53 0.00	45.71 1.76 0.00	43.57 1.55 0.00	42.81 1.57 0.00	44.59 1.55 0.00	47.40 0.88 0.00	53.96 1.38 20.02	79.96 3.56 19.80	55.83 1.52 25.73	47.53 1.01 6.51	48.00 1.71 0.01	46.42 1.83 0.00	46.05 2.15 0.00	46.35 1.87 0.01	46.98 2.36 0.01	50.31 1.28 0.01	58.21 1.42 0.01	72.92 1.41 7.00	94.04 2.18 3.05	87.75 1.80 4.28	72.53 1.42 0.11	57.96 1.25 0.01	52.59 0.68 0.50	49.42 0.59 0.01
NORTH___COUNTRY_ESR 323785	45.50 0.63 0.00	44.66 0.70 0.00	42.65 0.63 0.00	41.94 0.70 0.00	43.69 0.65 0.00	47.21 0.70 0.00	73.25 0.65 0.00	95.81 -0.38 0.00	80.68 0.64 0.00	53.67 0.64 0.00	46.89 0.60 0.00	45.27 0.67 0.00	44.43 0.53 0.00	44.93 0.44 0.00	45.02 0.40 0.00	49.48 0.44 0.00	57.14 0.34 0.00	78.82 0.32 0.00	94.81 -0.09 0.00	90.59 0.36 0.00	71.50 0.29 0.00	57.00 0.28 0.00	52.94 0.52 0.00	49.28 0.44 0.00
NPX_GEN_1385_PROXY 323591	46.49 1.61 0.00	45.98 2.02 0.00	43.66 1.64 0.00	42.81 1.57 0.00	44.59 1.55 0.00	47.67 1.16 0.00	68.30 1.60 5.89	85.70 3.95 14.44	73.49 1.76 8.31	47.37 0.85 6.51	47.86 1.57 0.01	46.25 1.65 0.00	45.79 1.89 0.00	46.35 1.87 0.01	46.94 2.32 0.01	50.27 1.23 0.01	64.31 1.59 -5.93	73.16 1.65 7.00	94.14 2.27 3.04	88.03 2.08 4.28	72.67 1.56 0.11	58.07 1.36 0.01	52.59 0.68 0.50	49.66 0.83 0.01
NPX_GEN_CSC 323557	46.67 1.80 0.00	46.15 2.20 0.00	43.78 1.76 0.00	42.93 1.69 0.00	44.72 1.68 0.00	47.58 1.07 0.00	55.41 1.82 19.00	79.73 4.13 20.60	56.53 2.08 25.59	47.25 0.69 6.47	47.72 1.44 0.00	45.84 1.25 0.00	45.35 1.45 0.00	45.90 1.42 0.00	46.80 2.19 0.00	50.36 1.32 0.00	58.21 1.42 0.01	72.76 1.18 6.92	92.81 1.61 3.71	86.38 1.44 5.29	72.45 1.35 0.11	58.07 1.36 0.00	52.70 0.79 0.50	50.00 1.17 0.01
NSINS_S_GLNS_FALLS 23858	46.22 1.35 0.00	45.27 1.32 0.00	43.41 1.39 0.00	42.52 1.28 0.00	44.42 1.38 0.00	48.00 1.49 0.00	75.21 2.61 0.00	100.43 4.23 0.00	82.28 2.24 0.00	53.83 0.80 0.00	46.38 0.09 0.00	44.73 0.13 0.00	44.03 0.13 0.00	44.66 0.18 0.00	44.93 0.31 0.00	49.73 0.69 0.00	58.05 1.25 0.00	80.86 2.36 0.00	98.32 3.42 0.00	92.85 2.62 0.00	73.42 2.21 0.00	58.25 1.53 0.00	53.83 1.42 0.00	50.06 1.22 0.00
NUCOR_STEEL___DRP 24197	44.83 -0.04 0.00	43.91 -0.04 0.00	41.98 -0.04 0.00	41.16 -0.08 0.00	43.00 -0.04 0.00	46.56 0.05 0.00	72.52 -0.07 0.00	96.59 0.38 0.00	79.81 -0.24 -0.01	52.82 -0.21 0.00	46.20 -0.09 0.00	44.29 -0.31 0.00	43.51 -0.40 0.00	44.13 -0.36 0.00	44.22 -0.40 0.00	48.55 -0.49 0.00	56.29 -0.51 -0.01	77.16 -0.47 0.87	93.24 -0.19 1.48	88.66 -0.18 1.39	70.65 -0.36 0.21	56.38 -0.34 -0.01	52.00 -0.42 -0.01	48.55 -0.29 0.00
NUMBER_THREE_WT_PWR 323818	46.18 1.30 0.00	45.36 1.41 0.00	43.36 1.34 0.00	42.52 1.28 0.00	44.46 1.42 0.00	48.23 1.72 0.00	75.71 3.12 0.00	101.48 5.29 0.00	83.88 3.84 0.00	54.57 1.54 0.00	47.49 1.20 0.00	45.67 1.07 0.00	44.82 0.92 0.00	45.64 1.15 0.00	45.43 0.80 0.00	50.12 1.08 0.00	58.10 1.31 0.00	80.62 2.12 0.00	97.09 2.18 0.00	92.49 2.26 0.00	72.71 1.50 0.00	58.07 1.36 0.00	53.51 1.10 0.00	50.45 1.61 0.00
NYISO_LBMP_REFERENCE 24008	44.88 0.00 0.00	43.96 0.00 0.00	42.02 0.00 0.00	41.24 0.00 0.00	43.04 0.00 0.00	46.51 0.00 0.00	72.59 0.00 0.00	96.20 0.00 0.00	80.04 0.00 0.00	53.03 0.00 0.00	46.29 0.00 0.00	44.60 0.00 0.00	43.90 0.00 0.00	44.48 0.00 0.00	44.62 0.00 0.00	49.04 0.00 0.00	56.80 0.00 0.00	78.50 0.00 0.00	94.90 0.00 0.00	90.23 0.00 0.00	71.21 0.00 0.00	56.71 0.00 0.00	52.41 0.00 0.00	48.84 0.00 0.00
NYPA_BRENTWD____GT 24164	47.12 2.24 0.00	46.42 2.46 0.00	44.08 2.06 0.00	43.22 1.98 0.00	45.07 2.02 0.00	48.14 1.63 0.00	54.61 1.60 19.58	80.78 3.95 19.36	56.56 1.68 25.17	47.67 1.01 6.37	48.51 2.22 0.00	46.65 2.05 0.00	46.14 2.24 0.00	46.70 2.22 0.00	47.34 2.72 0.00	50.76 1.72 0.00	58.32 1.53 0.01	73.63 1.81 6.68	95.52 3.61 2.99	89.38 3.34 4.19	73.74 2.64 0.11	59.09 2.38 0.00	52.72 0.79 0.48	50.44 1.61 0.01

NYPA_GOWANUS____GT5 24156	47.44	46.38	44.13	43.39	45.20	48.84	76.74	103.61	84.28	56.16	49.12	47.37	46.84	47.46	47.79	52.28	60.54	82.55	99.93	94.93	74.97	60.24	55.62	51.73
	2.56	2.42	2.10	2.14	2.15	2.32	4.14	7.41	4.24	3.13	2.82	2.77	2.94	2.98	3.17	3.24	3.75	4.31	5.50	5.14	3.84	3.52	3.20	2.88
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.47	0.44	0.09	-0.01	-0.01	-0.01
NYPA_GOWANUS____GT6 24157	47.44	46.38	44.13	43.39	45.20	48.84	76.74	103.61	84.28	56.16	49.12	47.37	46.84	47.46	47.79	52.28	60.54	82.55	99.93	94.93	74.97	60.24	55.62	51.73
	2.56	2.42	2.10	2.14	2.15	2.32	4.14	7.41	4.24	3.13	2.82	2.77	2.94	2.98	3.17	3.24	3.75	4.31	5.50	5.14	3.84	3.52	3.20	2.88
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.47	0.44	0.09	-0.01	-0.01	-0.01
NYPA_HARLEM__RVR__GT1 24160	47.19	46.13	43.84	43.16	44.91	48.53	76.21	102.81	83.72	55.83	48.69	47.00	46.44	47.05	47.38	51.78	59.85	81.52	98.71	93.75	74.10	59.70	55.11	51.31
	2.33	2.20	1.85	1.94	1.89	2.04	3.63	6.63	3.68	2.81	2.41	2.41	2.55	2.58	2.77	2.74	3.06	3.30	4.27	3.97	2.99	3.00	2.72	2.49
	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.00	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.28	0.47	0.44	0.10	0.02	0.02	0.02
NYPA_HARLEM__RVR__GT2 24161	47.19	46.13	43.84	43.16	44.91	48.53	76.21	102.81	83.72	55.83	48.69	47.00	46.44	47.05	47.38	51.78	59.85	81.52	98.71	93.75	74.10	59.70	55.11	51.31
	2.33	2.20	1.85	1.94	1.89	2.04	3.63	6.63	3.68	2.81	2.41	2.41	2.55	2.58	2.77	2.74	3.06	3.30	4.27	3.97	2.99	3.00	2.72	2.49
	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.00	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.28	0.47	0.44	0.10	0.02	0.02	0.02
NYPA_KENT____GT 24152	47.35	46.29	44.04	43.31	45.12	48.75	76.59	103.42	84.20	56.11	49.07	47.37	46.84	47.42	47.74	52.23	60.43	82.31	99.65	94.66	74.82	60.06	55.46	51.58
	2.47	2.33	2.02	2.06	2.07	2.23	3.99	7.22	4.16	3.07	2.78	2.77	2.94	2.94	3.12	3.19	3.64	4.08	5.22	4.87	3.70	3.35	3.04	2.73
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.47	0.44	0.09	0.00	-0.01	-0.01
NYPA_POUCH1____GT 24155	47.49	46.42	44.17	43.43	45.29	48.89	76.96	103.80	84.36	56.21	49.12	47.41	46.89	47.51	47.84	52.33	60.66	82.63	100.13	95.11	75.11	60.41	55.72	51.73
	2.60	2.46	2.14	2.18	2.24	2.37	4.36	7.60	4.32	3.18	2.82	2.81	2.99	3.03	3.21	3.29	3.86	4.39	5.69	5.32	3.99	3.68	3.30	2.88
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.47	0.44	0.09	-0.01	-0.01	-0.01
NYPA_VERNON____GT2 24162	47.31	46.25	43.96	43.23	45.03	48.66	76.37	103.22	84.12	56.05	49.07	47.32	46.80	47.37	47.70	52.14	60.32	82.15	99.46	94.48	74.67	59.95	55.30	51.48
	2.42	2.28	1.93	1.98	1.98	2.14	3.77	7.02	4.08	3.02	2.78	2.72	2.90	2.89	3.08	3.09	3.52	3.92	5.03	4.69	3.56	3.23	2.88	2.64
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.47	0.44	0.10	0.00	-0.01	-0.01
NYPA_VERNON____GT3 24163	47.31	46.25	43.96	43.23	45.03	48.66	76.37	103.22	84.12	56.05	49.07	47.32	46.80	47.37	47.70	52.14	60.32	82.15	99.46	94.48	74.67	59.95	55.30	51.48
	2.42	2.28	1.93	1.98	1.98	2.14	3.77	7.02	4.08	3.02	2.78	2.72	2.90	2.89	3.08	3.09	3.52	3.92	5.03	4.69	3.56	3.23	2.88	2.64
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.47	0.44	0.10	0.00	-0.01	-0.01
NYPA____ASTORIA_CC1 323568	47.26	46.20	43.96	43.23	45.03	48.66	76.29	103.13	84.04	56.00	49.02	47.28	46.75	47.33	47.66	52.09	60.20	82.00	99.27	94.30	74.53	59.89	55.30	51.48
	2.38	2.24	1.93	1.98	1.98	2.14	3.70	6.93	4.00	2.97	2.73	2.68	2.85	2.85	3.04	3.04	3.41	3.77	4.84	4.51	3.42	3.17	2.88	2.64
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.47	0.44	0.10	0.00	-0.01	-0.01
NYPA____ASTORIA_CC2 323569	47.26	46.20	43.96	43.23	45.03	48.66	76.29	103.13	84.04	56.00	49.02	47.28	46.75	47.33	47.66	52.09	60.20	82.00	99.27	94.30	74.53	59.89	55.30	51.48
	2.38	2.24	1.93	1.98	1.98	2.14	3.70	6.93	4.00	2.97	2.73	2.68	2.85	2.85	3.04	3.04	3.41	3.77	4.84	4.51	3.42	3.17	2.88	2.64
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.47	0.44	0.10	0.00	-0.01	-0.01
NYPA____HOLTSVILL 23794	46.58	45.98	43.66	42.81	44.59	47.53	54.19	80.34	56.18	47.40	47.86	46.02	45.53	46.08	46.80	50.27	58.10	72.75	92.99	86.56	72.45	58.02	52.64	49.90
	1.70	2.02	1.64	1.57	1.55	1.02	1.53	3.85	1.76	0.85	1.57	1.43	1.63	1.60	2.19	1.23	1.31	1.18	1.80	1.63	1.35	1.31	0.73	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	19.94	19.71	25.62	6.48	0.00	0.00	0.00	0.00	0.00	0.00	0.01	6.93	3.71	5.30	0.11	0.00	0.50	0.01
NYPA____HELLGATE_GT1 24158	47.22	46.16	43.87	43.19	44.94	48.56	76.22	102.83	83.71	55.84	48.69	47.00	46.44	47.05	47.38	51.78	59.85	81.52	98.71	93.75	74.10	59.72	55.14	51.29
	2.33	2.20	1.85	1.94	1.89	2.04	3.63	6.63	3.68	2.81	2.41	2.41	2.55	2.58	2.77	2.74	3.06	3.30	4.27	3.97	2.99	3.00	2.72	2.44
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.02	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.28	0.47	0.44	0.10	0.00	-0.01	-0.01
NYPA____HELLGATE_GT2 24159	47.22	46.16	43.87	43.19	44.94	48.56	76.22	102.83	83.71	55.84	48.69	47.00	46.44	47.05	47.38	51.78	59.85	81.52	98.71	93.75	74.10	59.72	55.14	51.29
	2.33	2.20	1.85	1.94	1.89	2.04	3.63	6.63	3.68	2.81	2.41	2.41	2.55	2.58	2.77	2.74	3.06	3.30	4.27	3.97	2.99	3.00	2.72	2.44
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.02	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.28	0.47	0.44	0.10	0.00	-0.01	-0.01
NYS_BARGE____HYD 23848	43.80	43.21	41.60	40.42	42.22	45.49	67.07	87.34	71.78	49.16	43.56	41.57	40.83	41.24	41.10	44.68	50.13	68.88	82.26	78.45	62.25	50.28	47.67	45.47
	-1.08	-0.75	-0.42	-0.82	-0.82	-1.02	-5.52	-8.85	-8.24	-3.87	-2.73	-3.03	-3.07	-3.25	-3.53	-4.37	-6.64	-8.17	-10.15	-9.47	-8.26	-6.41	-4.72	-3.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	1.45	2.49	2.30	0.70	0.02	0.02	0.00
OAK ORCHARD____HYD 24046	44.29	43.47	41.73	40.70	42.57	46.00	70.49	92.92	76.59	51.49	45.37	43.44	42.76	43.15	43.06	47.13	53.49	73.51	87.75	83.76	66.53	53.53	50.30	47.23
	-0.58	-0.48	-0.29	-0.54	-0.47	-0.51	-2.11	-3.27	-3.44	-1.54	-0.93	-1.16	-1.14	-1.33	-1.56	-1.91	-3.30	-3.53	-4.65	-4.15	-4.06	-3.17	-2.10	-1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1.46	2.51	2.32	0.63	0.01	0.01	0.00

OAKDALE___35_KV_LOAD 356122	44.92 0.04 0.00	44.13 0.18 0.00	42.19 0.17 0.00	41.32 0.08 0.00	43.13 0.09 0.00	46.60 0.09 0.00	72.38 -0.22 0.00	96.68 0.48 0.00	79.56 -0.48 0.01	52.87 -0.16 0.00	46.25 -0.05 0.00	44.42 -0.18 0.00	43.64 -0.26 0.00	44.22 -0.27 0.00	44.31 -0.31 0.00	48.55 -0.49 0.00	56.44 -0.34 0.01	76.78 -0.47 1.25	92.76 0.00 2.15	87.96 -0.27 2.00	70.51 -0.21 0.49	56.42 -0.28 0.01	51.88 -0.52 0.01	48.55 -0.29 0.00
OCC_CHEM___DRP 24175	42.86 -2.02 0.00	42.50 -1.45 0.00	40.67 -1.34 0.00	39.34 -1.90 0.00	41.06 -1.98 0.00	44.33 -2.19 0.00	65.62 -6.97 0.00	85.22 -10.97 0.01	70.17 -9.85 0.02	48.37 -4.67 0.00	42.82 -3.47 0.00	40.76 -3.84 0.00	40.04 -3.86 0.00	40.35 -4.14 0.00	40.34 -4.28 0.00	43.80 -5.25 0.00	49.67 -7.10 0.02	67.23 -9.81 1.46	80.30 -12.05 2.55	77.35 -10.56 2.32	60.65 -9.83 0.73	49.04 -7.66 0.02	46.78 -5.61 0.02	45.03 -3.81 0.00
OH_GEN_PROXY 24063	43.22 -1.66 0.00	42.59 -1.36 0.00	41.01 -1.01 0.00	39.84 -1.40 0.00	41.62 -1.42 0.00	44.84 -1.67 0.00	67.63 -5.88 -0.91	85.76 -9.53 0.92	71.37 -8.65 0.02	49.00 -4.03 0.00	43.42 -2.87 0.00	41.43 -3.17 0.00	40.70 -3.20 0.00	41.10 -3.38 0.00	41.01 -3.61 0.00	44.53 -4.51 0.00	49.90 -6.87 0.02	68.49 -8.55 1.46	81.48 -10.91 2.51	77.90 -10.02 2.31	61.82 -8.69 0.70	50.00 -6.69 0.02	47.41 -4.98 0.02	45.03 -3.81 0.00
OLIN_CORP_DRP 24177	43.71 -1.17 0.00	43.34 -0.62 0.00	41.47 -0.55 0.00	40.17 -1.07 0.00	41.92 -1.12 0.00	45.21 -1.30 0.00	65.99 -6.61 0.00	85.80 -10.39 0.01	70.65 -9.36 0.02	48.58 -4.45 0.00	43.00 -3.29 0.00	40.90 -3.70 0.00	40.17 -3.73 0.00	40.52 -3.96 0.00	40.47 -4.15 0.00	43.94 -5.10 0.00	50.01 -6.76 0.02	67.78 -9.26 1.46	80.91 -11.48 2.51	77.90 -10.02 2.32	61.14 -9.33 0.74	49.49 -7.20 0.02	47.04 -5.35 0.02	44.69 -4.15 0.00
OLIN_CORP_DSASP 323712	42.63 -2.24 0.00	42.07 -1.89 0.00	40.51 -1.51 0.00	39.34 -1.90 0.00	41.06 -1.98 0.00	44.23 -2.28 0.00	65.62 -6.97 0.00	85.22 -10.97 0.01	70.17 -9.85 0.02	48.31 -4.72 0.00	42.82 -3.47 0.00	40.85 -3.75 0.00	40.13 -3.78 0.00	40.52 -3.96 0.00	40.43 -4.20 0.00	43.90 -5.15 0.00	48.88 -7.89 0.02	67.15 -9.89 1.46	79.84 -12.53 2.53	76.28 -11.64 2.31	60.66 -9.83 0.73	49.03 -7.66 0.02	46.73 -5.66 0.02	44.40 -4.44 0.00
ONEIDA_HERK_LFGE 323681	45.91 1.03 0.00	45.10 1.14 0.00	43.11 1.09 0.00	42.27 1.03 0.00	44.21 1.16 0.00	47.91 1.39 0.00	75.13 2.54 0.00	101.39 5.19 0.00	83.88 3.84 0.00	54.68 1.65 0.00	47.63 1.34 0.00	45.76 1.16 0.00	44.91 1.01 0.00	45.77 1.29 0.00	45.56 0.94 0.00	50.02 0.98 0.00	58.10 1.31 0.00	80.23 2.04 0.31	96.94 2.56 0.53	92.18 2.44 0.49	72.81 1.71 0.11	58.13 1.42 0.00	53.51 1.10 0.00	50.11 1.27 0.00
ONEIDA___115KV_TB4 55905	45.95 1.08 0.00	45.10 1.14 0.00	43.11 1.09 0.00	42.27 1.03 0.00	44.25 1.21 0.00	47.95 1.44 0.00	75.21 2.61 0.00	99.18 2.98 0.00	81.81 1.76 0.00	53.83 0.80 0.00	46.94 0.65 0.00	45.09 0.49 0.00	44.34 0.44 0.00	45.02 0.53 0.00	45.02 0.40 0.00	50.07 1.03 0.00	58.22 1.42 0.00	79.88 2.20 0.82	96.53 3.04 1.41	91.80 2.89 1.31	73.04 2.07 0.24	58.31 1.59 0.00	53.62 1.21 0.00	50.06 1.22 0.00
ONONDAGA_REF_OCCRA 23987	44.47 -0.40 0.00	43.56 -0.40 0.00	41.60 -0.42 0.00	40.79 -0.45 0.00	42.61 -0.43 0.00	46.14 -0.37 0.00	71.87 -0.73 0.00	96.01 -0.19 0.00	79.09 -0.96 -0.01	52.40 -0.64 0.00	45.78 -0.51 0.00	43.98 -0.62 0.00	43.24 -0.66 0.00	43.86 -0.62 0.00	43.95 -0.67 0.00	48.31 -0.74 0.00	56.01 -0.80 -0.01	75.79 -1.02 1.69	91.06 -0.95 2.90	86.63 -0.90 2.70	69.84 -0.85 0.52	55.93 -0.79 -0.01	51.63 -0.79 -0.01	48.16 -0.68 0.00
ONONDAGA___COGEN 23986	44.52 -0.36 0.00	43.60 -0.35 0.00	41.68 -0.34 0.00	40.87 -0.37 0.00	42.70 -0.34 0.00	46.19 -0.33 0.00	72.01 -0.58 0.00	96.00 -0.19 0.00	79.40 -0.64 0.00	52.61 -0.42 0.00	45.97 -0.32 0.00	44.15 -0.45 0.00	43.42 -0.48 0.00	43.99 -0.49 0.00	44.13 -0.49 0.00	48.46 -0.59 0.00	56.11 -0.68 0.00	76.95 -0.86 0.69	92.97 -0.76 1.18	88.41 -0.72 1.09	70.26 -0.71 0.24	56.09 -0.62 0.00	51.78 -0.63 0.00	48.30 -0.54 0.00
ONTARIO___LFGE 23819	44.97 0.09 0.00	44.09 0.13 0.00	42.23 0.21 0.00	41.32 0.08 0.00	43.22 0.17 0.00	46.79 0.28 0.00	72.30 -0.29 0.00	95.32 -0.87 0.01	78.33 -1.68 0.03	52.18 -0.85 0.00	45.92 -0.37 0.00	43.93 -0.67 0.00	43.11 -0.79 0.00	43.64 -0.85 0.00	43.64 -0.98 0.00	47.77 -1.28 0.00	55.07 -1.70 0.03	75.53 -1.73 1.25	90.86 -1.90 2.15	86.36 -1.90 1.97	68.96 -1.57 0.68	55.21 -1.47 0.03	51.13 -1.26 0.03	47.91 -0.93 0.00
ORANGEVILLE_WT_PWR 323706	44.02 -0.85 0.00	43.34 -0.62 0.00	41.64 -0.38 0.00	40.50 -0.74 0.00	42.35 -0.69 0.00	45.58 -0.93 0.00	68.74 -3.85 0.00	89.26 -6.93 0.01	73.20 -6.80 0.03	49.53 -3.50 0.00	43.65 -2.64 0.00	41.70 -2.90 0.00	40.91 -2.99 0.00	41.37 -3.11 0.00	41.27 -3.35 0.00	44.88 -4.17 0.00	51.54 -5.22 0.03	70.48 -6.59 1.42	84.86 -7.60 2.45	80.49 -7.49 2.25	64.15 -6.27 0.79	51.69 -4.99 0.03	48.03 -4.35 0.03	45.52 -3.32 0.00
ORANGEVILLE___ESR 323794	44.02 -0.85 0.00	43.34 -0.62 0.00	41.64 -0.38 0.00	40.50 -0.74 0.00	42.35 -0.69 0.00	45.58 -0.93 0.00	68.74 -3.85 0.00	89.26 -6.93 0.01	73.20 -6.80 0.03	49.53 -3.50 0.00	43.65 -2.64 0.00	41.70 -2.90 0.00	40.91 -2.99 0.00	41.37 -3.11 0.00	41.27 -3.35 0.00	44.88 -4.17 0.00	51.54 -5.22 0.03	70.48 -6.59 1.42	84.86 -7.60 2.45	80.49 -7.49 2.25	64.15 -6.27 0.79	51.69 -4.99 0.03	48.03 -4.35 0.03	45.52 -3.32 0.00
OSWEGATCHIE___HYD 24044	46.22 1.35 0.00	45.40 1.45 0.00	43.36 1.34 0.00	42.60 1.36 0.00	44.46 1.42 0.00	48.23 1.72 0.00	75.35 2.76 0.00	99.37 3.17 0.00	82.84 2.80 0.00	54.30 1.27 0.00	47.31 1.02 0.00	45.58 0.98 0.00	44.82 0.92 0.00	45.55 1.07 0.00	45.43 0.80 0.00	50.12 1.08 0.00	57.70 0.91 0.00	79.75 1.25 0.00	95.76 0.85 0.00	91.76 1.53 0.00	72.35 1.14 0.00	58.19 1.47 0.00	53.83 1.42 0.00	50.40 1.56 0.00
OSWEGO___5 23606	43.80 -1.08 0.00	42.90 -1.06 0.00	41.05 -0.96 0.00	40.25 -0.99 0.00	42.05 -0.99 0.00	45.44 -1.07 0.00	70.78 -1.81 0.00	94.17 -2.02 0.00	77.88 -2.16 0.00	51.71 -1.32 0.00	45.18 -1.11 0.00	43.44 -1.16 0.00	42.72 -1.18 0.00	43.28 -1.20 0.00	43.42 -1.20 0.00	47.67 -1.37 0.00	55.09 -1.70 0.00	79.96 -2.20 -3.66	98.52 -2.66 -6.27	93.53 -2.53 -5.82	70.41 -2.07 -1.26	55.07 -1.65 0.00	51.00 -1.41 0.00	47.57 -1.27 0.00
OSWEGO___6 23613	43.80 -1.08 0.00	42.90 -1.06 0.00	41.05 -0.96 0.00	40.25 -0.99 0.00	42.05 -0.99 0.00	45.44 -1.07 0.00	70.78 -1.81 0.00	94.17 -2.02 0.00	77.88 -2.16 0.00	51.71 -1.32 0.00	45.18 -1.11 0.00	43.44 -1.16 0.00	42.72 -1.18 0.00	43.28 -1.20 0.00	43.42 -1.20 0.00	47.67 -1.37 0.00	55.09 -1.70 0.00	79.96 -2.20 -3.66	98.52 -2.66 -6.27	93.53 -2.53 -5.82	70.41 -2.07 -1.26	55.07 -1.65 0.00	51.00 -1.41 0.00	47.57 -1.27 0.00

OUTOKUMPU-AB___DRP 24206	43.84 -1.03 0.00	43.47 -0.48 0.00	41.60 -0.42 0.00	40.29 -0.95 0.00	42.10 -0.95 0.00	45.40 -1.12 0.00	67.44 -5.15 0.00	87.72 -8.47 0.01	72.25 -7.76 0.02	49.53 -3.50 0.00	43.79 -2.50 0.00	41.70 -2.90 0.00	40.96 -2.94 0.00	41.28 -3.20 0.00	41.23 -3.39 0.00	44.83 -4.22 0.00	51.21 -5.57 0.02	69.43 -7.61 1.46	83.41 -9.02 2.48	79.80 -8.12 2.31	62.90 -7.62 0.69	50.74 -5.96 0.02	47.93 -4.45 0.02	45.62 -3.22 0.00
OXBOW___BTM 323836	43.22 -1.66 0.00	42.59 -1.36 0.00	41.05 -0.96 0.00	39.84 -1.40 0.00	41.62 -1.42 0.00	44.84 -1.67 0.00	66.64 -5.95 0.00	86.66 -9.53 0.01	71.30 -8.72 0.02	48.95 -4.08 0.00	43.38 -2.91 0.00	41.39 -3.21 0.00	40.65 -3.25 0.00	41.06 -3.42 0.00	40.96 -3.66 0.00	44.48 -4.56 0.00	49.84 -6.93 0.02	68.41 -8.64 1.45	81.62 -10.82 2.47	77.82 -10.10 2.30	61.84 -8.69 0.68	49.94 -6.75 0.02	47.41 -4.98 0.02	44.98 -3.86 0.00
OXBOW___ 24026	43.40 -1.48 0.00	43.03 -0.92 0.00	41.18 -0.84 0.00	39.88 -1.36 0.00	41.62 -1.42 0.00	44.88 -1.63 0.00	66.64 -5.95 0.00	86.67 -9.52 0.01	71.37 -8.64 0.02	49.00 -4.03 0.00	43.37 -2.92 0.00	41.30 -3.30 0.00	40.57 -3.34 0.00	40.88 -3.60 0.00	40.83 -3.79 0.00	44.38 -4.66 0.00	50.53 -6.25 0.02	68.48 -8.56 1.46	81.98 -10.44 2.48	78.71 -9.20 2.32	61.91 -8.62 0.69	49.94 -6.75 0.02	47.46 -4.93 0.02	45.37 -3.47 0.00
OXY_CHEM_DSASP 323612	42.86 -2.02 0.00	42.50 -1.45 0.00	40.67 -1.34 0.00	39.34 -1.90 0.00	41.06 -1.98 0.00	44.33 -2.19 0.00	65.62 -6.97 0.00	85.22 -10.97 0.01	70.17 -9.85 0.02	48.37 -4.67 0.00	42.82 -3.47 0.00	40.76 -3.84 0.00	40.04 -3.86 0.00	40.35 -4.14 0.00	40.34 -4.28 0.00	43.80 -5.25 0.00	49.67 -7.10 0.02	67.23 -9.81 1.46	80.30 -12.05 2.55	77.35 -10.56 2.32	60.65 -9.83 0.73	49.04 -7.66 0.02	46.78 -5.61 0.02	45.03 -3.81 0.00
OZONE_PARK_ESR 323760	47.35 2.47 0.00	46.20 2.24 0.00	43.91 1.89 0.00	43.26 2.02 0.00	45.07 2.02 0.00	48.70 2.19 0.00	76.95 4.36 0.00	103.80 7.60 0.00	84.84 4.80 0.00	56.32 3.29 0.00	49.35 3.06 0.00	47.63 3.03 0.00	47.06 3.16 0.00	47.64 3.16 0.00	47.97 3.35 0.00	52.43 3.38 0.00	60.71 3.92 0.00	83.18 4.95 0.27	100.89 6.45 0.47	95.66 5.86 0.43	75.68 4.56 0.09	60.29 3.57 0.00	55.45 3.04 0.00	51.53 2.69 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	42.86 -2.02 0.00	42.50 -1.45 0.00	40.67 -1.34 0.00	39.34 -1.90 0.00	41.06 -1.98 0.00	44.33 -2.19 0.00	65.62 -6.97 0.00	85.22 -10.97 0.01	70.17 -9.85 0.02	48.37 -4.67 0.00	42.82 -3.47 0.00	40.76 -3.84 0.00	40.04 -3.86 0.00	40.35 -4.14 0.00	40.34 -4.28 0.00	43.80 -5.25 0.00	49.67 -7.10 0.02	67.23 -9.81 1.46	80.30 -12.05 2.55	77.35 -10.56 2.32	60.65 -9.83 0.73	49.04 -7.66 0.02	46.78 -5.61 0.02	45.03 -3.81 0.00
PACKARD___115KV_DUPONT_184 80571	42.63 -2.24 0.00	42.07 -1.89 0.00	40.51 -1.51 0.00	39.34 -1.90 0.00	41.06 -1.98 0.00	44.23 -2.28 0.00	65.62 -6.97 0.00	85.22 -10.97 0.01	70.17 -9.85 0.02	48.31 -4.72 0.00	42.82 -3.47 0.00	40.85 -3.75 0.00	40.13 -3.78 0.00	40.52 -3.96 0.00	40.43 -4.20 0.00	43.90 -5.15 0.00	48.88 -7.89 0.02	67.15 -9.89 1.46	79.84 -12.53 2.53	76.28 -11.64 2.31	60.66 -9.83 0.73	49.03 -7.66 0.02	46.73 -5.66 0.02	44.40 -4.44 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	47.35 2.47 0.00	46.24 2.29 0.00	43.99 1.97 0.00	43.30 2.06 0.00	45.11 2.07 0.00	48.70 2.19 0.00	76.51 3.92 0.00	103.22 7.02 0.00	84.04 4.00 0.00	56.06 3.02 0.00	48.88 2.59 0.00	47.23 2.63 0.00	46.67 2.77 0.00	47.24 2.76 0.00	47.57 2.95 0.00	52.04 2.99 0.00	60.03 3.24 0.00	81.84 3.61 0.27	99.18 4.75 0.47	94.03 4.24 0.43	74.39 3.28 0.10	59.95 3.23 0.00	55.35 2.94 0.00	51.38 2.54 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	47.88 3.01 0.00	46.77 2.81 0.00	44.50 2.48 0.00	43.84 2.60 0.00	45.63 2.58 0.00	49.26 2.74 0.00	77.38 4.79 0.00	104.37 8.18 0.00	84.92 4.88 0.00	56.59 3.55 0.00	49.30 3.01 0.00	47.63 3.03 0.00	47.06 3.16 0.00	47.64 3.16 0.00	47.97 3.35 0.00	52.48 3.43 0.00	60.54 3.75 0.00	82.55 4.32 0.27	100.13 5.69 0.47	94.94 5.14 0.43	75.10 3.99 0.10	60.52 3.80 0.00	55.87 3.46 0.00	51.92 3.08 0.00
PATROON___115KV_TB1 80586	45.15 0.27 0.00	44.13 0.18 0.00	42.19 0.17 0.00	41.41 0.16 0.00	43.26 0.22 0.00	46.74 0.23 0.00	73.17 0.58 0.00	97.64 1.44 0.00	80.28 0.24 0.00	52.93 -0.11 0.00	45.97 -0.32 0.00	44.38 -0.22 0.00	43.77 -0.13 0.00	44.39 -0.09 0.00	44.62 0.00 0.00	49.24 0.20 0.00	57.25 0.45 0.00	79.21 0.71 0.00	96.04 1.14 0.00	90.77 0.54 0.00	71.85 0.64 0.00	57.17 0.45 0.00	52.67 0.26 0.00	48.94 0.10 0.00
PATTRSNVILLE___SOLAR 323815	46.09 1.21 0.00	45.14 1.19 0.00	43.15 1.13 0.00	42.31 1.07 0.00	44.25 1.20 0.00	47.91 1.39 0.00	74.99 2.39 0.00	99.95 3.75 0.00	81.64 1.60 0.00	53.41 0.37 0.00	46.20 -0.09 0.00	44.47 -0.13 0.00	43.81 -0.09 0.00	44.53 0.04 0.00	44.80 0.18 0.00	49.48 0.44 0.00	57.82 1.02 0.00	80.30 2.04 0.24	97.53 3.04 0.41	92.37 2.52 0.38	73.20 2.07 0.08	58.30 1.59 0.00	53.72 1.31 0.00	50.01 1.17 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	43.53 -1.35 0.00	43.16 -0.79 0.00	41.26 -0.76 0.00	40.04 -1.20 0.00	41.84 -1.21 0.00	45.07 -1.44 0.00	67.73 -4.86 0.00	88.30 -7.89 0.01	73.13 -6.88 0.03	49.53 -3.50 0.00	43.75 -2.55 0.00	41.66 -2.94 0.00	40.87 -3.03 0.00	41.28 -3.20 0.00	41.19 -3.44 0.00	44.78 -4.27 0.00	52.96 -3.81 0.03	71.48 -5.57 1.45	87.19 -5.22 2.49	81.16 -6.77 2.30	66.06 -4.49 0.66	52.77 -3.91 0.03	47.77 -4.61 0.03	45.18 -3.66 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.99 2.11 0.00	45.89 1.93 0.00	43.74 1.72 0.00	43.10 1.86 0.00	44.94 1.89 0.00	48.37 1.86 0.00	76.51 3.92 0.00	103.03 6.83 0.00	84.12 4.08 0.00	55.58 2.55 0.00	48.51 2.22 0.00	46.74 2.14 0.00	46.18 2.28 0.00	46.88 2.40 0.00	47.12 2.50 0.00	51.55 2.50 0.00	59.92 3.12 0.00	82.39 4.16 0.27	100.14 5.69 0.46	94.94 5.14 0.43	75.04 3.92 0.09	59.66 2.95 0.00	54.87 2.46 0.00	50.94 2.10 0.00
PEEKSKILL___ 23653	46.67 1.80 0.00	45.67 1.71 0.00	43.49 1.47 0.00	42.77 1.53 0.00	44.55 1.51 0.00	48.09 1.58 0.00	75.78 3.19 0.00	102.16 5.97 0.00	83.40 3.36 0.00	55.31 2.28 0.00	48.42 2.13 0.00	46.70 2.10 0.00	46.10 2.19 0.00	46.75 2.27 0.00	46.98 2.36 0.00	51.35 2.31 0.00	59.58 2.78 0.00	81.68 3.45 0.27	99.09 4.65 0.47	94.12 4.33 0.43	74.47 3.35 0.09	59.27 2.55 0.00	54.56 2.15 0.00	50.79 1.96 0.00
PGE MADISON___WINDPWR 24146	47.66 2.78 0.00	46.90 2.95 0.00	44.79 2.77 0.00	43.84 2.60 0.00	45.97 2.93 0.00	50.09 3.58 0.00	78.76 6.17 0.00	105.73 9.52 -0.01	86.63 6.56 -0.03	55.90 2.86 0.00	48.61 2.31 0.00	46.43 1.83 0.00	45.35 1.45 0.00	46.35 1.87 0.00	46.00 1.38 0.00	51.30 2.26 0.00	60.29 3.46 -0.03	82.89 5.50 1.11	101.01 7.97 1.87	95.85 7.40 1.78	76.59 5.41 0.03	60.66 3.91 -0.03	55.38 2.94 -0.03	51.72 2.88 0.00

PIERCEFIELD___HYD 23852	46.36 1.48 0.00	45.58 1.63 0.00	43.53 1.51 0.00	42.81 1.57 0.00	44.64 1.59 0.00	48.37 1.86 0.00	75.21 2.61 0.00	98.12 1.92 0.00	82.60 2.56 0.00	54.57 1.54 0.00	47.68 1.39 0.00	45.98 1.38 0.00	45.13 1.23 0.00	45.68 1.20 0.00	45.69 1.07 0.00	50.27 1.23 0.00	57.76 0.97 0.00	79.68 1.18 0.00	95.00 0.09 0.00	91.49 1.26 0.00	72.49 1.28 0.00	58.19 1.47 0.00	54.09 1.68 0.00	50.55 1.71 0.00
PINELAWN_CC_1 323563	46.90 2.02 0.00	46.15 2.20 0.00	43.82 1.81 0.00	43.01 1.77 0.00	44.81 1.77 0.00	47.95 1.44 0.00	55.41 1.38 18.56	81.01 3.17 18.36	57.38 1.20 23.86	47.84 0.85 6.04	48.01 1.71 0.00	46.12 1.52 0.00	45.57 1.67 0.00	46.17 1.69 0.00	46.81 2.19 0.00	50.32 1.27 0.00	58.15 1.36 0.01	73.80 1.25 5.96	94.50 2.27 2.68	88.58 2.08 3.73	72.67 1.56 0.11	58.41 1.70 0.00	52.77 0.79 0.43	50.35 1.52 0.01
PJM_GEN_HTTP_PROXY 323702	46.99 2.11 0.00	45.94 1.98 0.00	43.66 1.64 0.00	42.97 1.73 0.00	44.72 1.68 0.00	48.37 1.86 0.00	77.28 3.77 -0.91	102.02 6.73 0.91	84.20 4.16 0.00	55.89 2.86 0.00	48.98 2.68 0.00	47.23 2.63 0.00	46.67 2.77 0.00	47.29 2.80 0.00	47.57 2.94 0.00	51.94 2.89 0.00	60.26 3.46 0.00	82.47 4.24 0.27	100.04 5.60 0.47	94.94 5.14 0.43	75.10 3.99 0.09	59.77 3.06 0.00	55.03 2.62 0.00	51.23 2.39 0.00
PJM_GEN_KEystone 24065	44.83 -0.04 0.00	44.00 0.04 0.00	42.10 0.08 0.00	41.20 -0.04 0.00	43.00 -0.04 0.00	46.33 -0.19 0.00	72.56 -0.95 -0.91	93.84 -1.44 0.91	77.46 -2.56 0.02	52.02 -1.01 0.00	45.78 -0.51 0.00	43.93 -0.67 0.00	43.24 -0.66 0.00	43.77 -0.71 0.00	43.82 -0.80 0.00	47.72 -1.32 0.00	55.30 -1.48 0.02	75.42 -2.20 0.88	91.30 -2.09 1.52	86.66 -2.17 1.40	69.00 -1.78 0.43	55.17 -1.53 0.02	50.77 -1.63 0.02	47.72 -1.12 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.58 1.70 0.00	45.80 1.85 0.00	43.49 1.47 0.00	42.72 1.48 0.00	44.51 1.46 0.00	47.62 1.11 0.00	54.70 1.82 19.71	79.13 4.23 21.30	55.54 2.00 26.50	47.66 1.33 6.70	48.23 1.94 0.01	46.29 1.69 0.01	45.79 1.89 0.00	46.34 1.87 0.01	46.93 2.32 0.01	50.51 1.47 0.01	58.66 1.87 0.01	73.22 2.12 7.40	94.74 3.04 3.20	88.52 2.80 4.51	73.24 2.13 0.11	58.64 1.93 0.01	53.03 1.15 0.53	50.10 1.27 0.01
PJM_GEN_VFT_PROXY 323633	46.85 1.97 0.00	45.80 1.85 0.00	43.53 1.51 0.00	42.85 1.61 0.00	44.59 1.55 0.00	48.23 1.72 0.00	76.99 3.48 -0.91	101.73 6.45 0.91	83.96 3.92 0.00	55.79 2.76 0.00	48.88 2.59 0.00	47.14 2.54 0.00	46.58 2.68 0.00	47.20 2.71 0.00	47.48 2.86 0.00	51.84 2.79 0.00	60.15 3.35 0.00	82.23 4.00 0.27	99.75 5.31 0.47	94.76 4.96 0.43	74.89 3.77 0.10	59.60 2.89 0.00	54.93 2.52 0.00	51.14 2.30 0.00
PLATSBURG_115KV_PMLD1 355749	45.77 0.90 0.00	44.92 0.97 0.00	42.90 0.88 0.00	42.23 0.99 0.00	43.99 0.95 0.00	47.35 0.84 0.00	72.81 0.22 0.00	95.43 -0.77 0.00	80.28 0.24 0.00	53.51 0.48 0.00	46.99 0.69 0.00	45.31 0.71 0.00	44.47 0.57 0.00	44.97 0.49 0.00	45.07 0.45 0.00	49.39 0.34 0.00	56.57 -0.23 0.00	78.42 -0.08 0.00	94.15 -0.76 0.00	90.23 0.00 0.00	71.21 0.00 0.00	56.83 0.11 0.00	53.09 0.68 0.00	49.72 0.88 0.00
PLEASANTVLY___LBMP 24000	46.36 1.48 0.00	45.32 1.36 0.00	43.20 1.18 0.00	42.52 1.28 0.00	44.29 1.25 0.00	47.77 1.26 0.00	75.21 2.61 0.00	101.20 5.00 0.00	82.76 2.72 0.00	54.89 1.86 0.00	48.00 1.71 0.00	46.34 1.74 0.00	45.75 1.84 0.00	46.35 1.87 0.00	46.58 1.96 0.00	51.01 1.96 0.00	59.12 2.33 0.00	81.14 2.90 0.26	98.34 3.89 0.45	93.24 3.43 0.42	73.83 2.71 0.09	58.81 2.10 0.00	54.14 1.73 0.00	50.35 1.51 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	46.72 1.84 0.00	45.67 1.71 0.00	43.49 1.47 0.00	42.81 1.57 0.00	44.64 1.59 0.00	48.14 1.63 0.00	75.86 3.27 0.00	102.26 6.06 0.00	83.56 3.52 0.00	55.42 2.39 0.00	48.51 2.22 0.00	46.83 2.23 0.00	46.27 2.37 0.00	46.84 2.36 0.00	47.12 2.50 0.00	51.55 2.50 0.00	59.69 2.90 0.00	81.92 3.69 0.27	99.37 4.94 0.47	94.22 4.42 0.43	74.54 3.42 0.09	59.38 2.67 0.00	54.61 2.20 0.00	50.79 1.95 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	46.72 1.84 0.00	45.67 1.71 0.00	43.49 1.47 0.00	42.81 1.57 0.00	44.64 1.59 0.00	48.14 1.63 0.00	75.86 3.27 0.00	102.26 6.06 0.00	83.56 3.52 0.00	55.42 2.39 0.00	48.51 2.22 0.00	46.83 2.23 0.00	46.27 2.37 0.00	46.84 2.36 0.00	47.12 2.50 0.00	51.55 2.50 0.00	59.69 2.90 0.00	81.92 3.69 0.27	99.37 4.94 0.47	94.22 4.42 0.43	74.54 3.42 0.09	59.38 2.67 0.00	54.61 2.20 0.00	50.79 1.95 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.67 1.80 0.00	45.58 1.63 0.00	43.45 1.43 0.00	42.77 1.53 0.00	44.55 1.51 0.00	48.05 1.53 0.00	75.72 3.12 0.00	102.07 5.87 0.00	83.40 3.36 0.00	55.15 2.12 0.00	48.14 1.85 0.00	46.38 1.78 0.00	45.79 1.89 0.00	46.44 1.96 0.00	46.67 2.05 0.00	51.10 2.06 0.00	59.35 2.56 0.00	81.69 3.45 0.27	99.19 4.75 0.46	94.04 4.24 0.43	74.40 3.28 0.09	59.21 2.50 0.00	54.51 2.10 0.00	50.60 1.76 0.00
POLETTI____ 23519	37.49 1.75 9.14	36.79 1.58 8.74	35.36 1.30 7.96	35.40 1.44 7.28	35.40 1.38 9.02	39.28 1.44 8.68	55.94 2.83 19.48	88.73 5.68 13.15	57.91 2.88 25.02	40.16 2.23 15.10	36.02 1.90 12.17	36.11 1.96 10.45	36.06 2.11 9.95	36.06 2.09 10.51	36.02 2.28 10.88	36.07 2.26 15.23	35.96 2.39 23.22	55.64 2.51 25.37	72.64 3.32 25.59	67.44 2.89 25.67	48.28 2.28 25.21	41.66 2.38 17.44	36.00 2.15 18.56	38.39 1.81 12.26
POMONA___ESR 323819	46.76 1.88 0.00	45.76 1.80 0.00	43.53 1.51 0.00	42.85 1.61 0.00	44.59 1.55 0.00	48.14 1.63 0.00	75.86 3.27 0.00	102.26 6.06 0.00	83.40 3.36 0.00	55.36 2.33 0.00	48.42 2.13 0.00	46.70 2.10 0.00	46.10 2.19 0.00	46.75 2.27 0.00	46.98 2.36 0.00	51.35 2.31 0.00	59.63 2.84 0.00	81.76 3.54 0.28	99.27 4.84 0.47	94.30 4.51 0.44	74.54 3.42 0.10	59.32 2.61 0.00	54.61 2.20 0.00	50.84 2.00 0.00
PORT_JEFF_3 23555	46.72 1.84 0.00	46.11 2.15 0.00	43.74 1.72 0.00	42.89 1.65 0.00	44.68 1.64 0.00	47.62 1.11 0.00	54.42 1.74 19.92	80.54 4.04 19.70	56.44 2.00 25.60	47.51 0.96 6.48	47.95 1.66 0.00	46.11 1.52 0.00	45.61 1.71 0.00	46.17 1.69 0.00	46.94 2.32 0.00	50.31 1.27 0.00	57.98 1.19 0.01	72.53 0.95 6.92	92.80 1.61 3.72	86.36 1.44 5.31	72.24 1.14 0.11	57.90 1.19 0.00	52.65 0.73 0.50	49.96 1.12 0.01
PORT_JEFF_4 23616	46.72 1.84 0.00	46.11 2.15 0.00	43.74 1.72 0.00	42.89 1.65 0.00	44.68 1.64 0.00	47.62 1.11 0.00	54.42 1.74 19.92	80.54 4.04 19.70	56.44 2.00 25.60	47.51 0.96 6.48	47.95 1.66 0.00	46.11 1.52 0.00	45.61 1.71 0.00	46.17 1.69 0.00	46.94 2.32 0.00	50.31 1.27 0.00	57.98 1.19 0.01	72.53 0.95 6.92	92.80 1.61 3.72	86.36 1.44 5.31	72.24 1.14 0.11	57.90 1.19 0.00	52.65 0.73 0.50	49.96 1.12 0.01

PORT_JEFF_IC 23713	46.54 1.66 0.00	45.89 1.93 0.00	43.70 1.68 0.00	42.93 1.69 0.00	44.72 1.68 0.00	47.53 1.02 0.00	54.55 1.81 19.86	80.70 4.14 19.64	56.52 2.00 25.52	47.58 1.01 6.46	48.05 1.76 0.00	46.34 1.74 0.00	46.01 2.11 0.00	46.26 1.78 0.00	47.03 2.41 0.00	50.66 1.62 0.00	58.49 1.70 0.01	72.80 1.18 6.88	93.06 1.90 3.74	86.42 1.53 5.34	72.39 1.28 0.11	57.90 1.19 0.00	52.70 0.79 0.50	49.61 0.78 0.01
PPL PILGRIM_ST_GT1 24216	47.12 2.24 0.00	46.42 2.46 0.00	44.08 2.06 0.00	43.22 1.98 0.00	45.07 2.02 0.00	48.14 1.63 0.00	54.61 1.60 19.58	80.78 3.95 19.36	56.56 1.68 25.17	47.67 1.01 6.37	48.51 2.22 0.00	46.65 2.05 0.00	46.14 2.24 0.00	46.70 2.22 0.00	47.34 2.72 0.00	50.76 1.72 0.00	58.32 1.53 0.01	73.63 1.81 6.68	95.52 3.61 2.99	89.38 3.34 4.19	73.74 2.64 0.11	59.09 2.38 0.00	52.72 0.79 0.48	50.44 1.61 0.01
PPL PILGRIM_ST_GT2 24217	47.12 2.24 0.00	46.42 2.46 0.00	44.08 2.06 0.00	43.22 1.98 0.00	45.07 2.02 0.00	48.14 1.63 0.00	54.61 1.60 19.58	80.78 3.95 19.36	56.56 1.68 25.17	47.67 1.01 6.37	48.51 2.22 0.00	46.65 2.05 0.00	46.14 2.24 0.00	46.70 2.22 0.00	47.34 2.72 0.00	50.76 1.72 0.00	58.32 1.53 0.01	73.63 1.81 6.68	95.52 3.61 2.99	89.38 3.34 4.19	73.74 2.64 0.11	59.09 2.38 0.00	52.72 0.79 0.48	50.44 1.61 0.01
PPL_SHRM_GT3 24213	46.67 1.80 0.00	46.20 2.24 0.00	43.82 1.81 0.00	42.97 1.73 0.00	44.77 1.72 0.00	47.58 1.07 0.00	54.59 1.88 19.89	80.76 4.23 19.67	56.64 2.16 25.56	47.21 0.64 6.47	47.67 1.39 0.00	45.80 1.20 0.00	45.31 1.40 0.00	45.86 1.38 0.00	46.76 2.14 0.00	50.36 1.32 0.00	58.26 1.47 0.01	72.78 1.18 6.90	92.81 1.61 3.71	86.38 1.44 5.29	72.45 1.35 0.11	58.07 1.36 0.00	52.75 0.84 0.50	50.05 1.22 0.01
PPL_SHRM_GT4 24214	46.67 1.80 0.00	46.20 2.24 0.00	43.82 1.81 0.00	42.97 1.73 0.00	44.77 1.72 0.00	47.58 1.07 0.00	54.59 1.88 19.89	80.76 4.23 19.67	56.64 2.16 25.56	47.21 0.64 6.47	47.67 1.39 0.00	45.80 1.20 0.00	45.31 1.40 0.00	45.86 1.38 0.00	46.76 2.14 0.00	50.36 1.32 0.00	58.26 1.47 0.01	72.78 1.18 6.90	92.81 1.61 3.71	86.38 1.44 5.29	72.45 1.35 0.11	58.07 1.36 0.00	52.75 0.84 0.50	50.05 1.22 0.01
PROJECT___ORANGE 1 24174	44.29 -0.58 0.00	43.38 -0.57 0.00	41.47 -0.55 0.00	40.62 -0.62 0.00	42.44 -0.60 0.00	45.95 -0.56 0.00	71.58 -1.02 0.00	95.43 -0.77 0.00	78.92 -1.12 0.00	52.29 -0.74 0.00	45.74 -0.56 0.00	43.93 -0.67 0.00	43.20 -0.70 0.00	43.77 -0.71 0.00	43.91 -0.71 0.00	48.21 -0.83 0.00	55.83 -0.97 0.00	75.70 -1.26 1.55	90.92 -1.33 2.66	86.50 -1.26 2.47	69.47 -1.21 0.53	55.75 -0.96 0.00	51.52 -0.89 0.00	48.01 -0.83 0.00
PROJECT___ORANGE 2 24166	44.29 -0.58 0.00	43.38 -0.57 0.00	41.47 -0.55 0.00	40.62 -0.62 0.00	42.44 -0.60 0.00	45.95 -0.56 0.00	71.58 -1.02 0.00	95.43 -0.77 0.00	78.92 -1.12 0.00	52.29 -0.74 0.00	45.74 -0.56 0.00	43.93 -0.67 0.00	43.20 -0.70 0.00	43.77 -0.71 0.00	43.91 -0.71 0.00	48.21 -0.83 0.00	55.83 -0.97 0.00	75.70 -1.26 1.55	90.92 -1.33 2.66	86.50 -1.26 2.47	69.47 -1.21 0.53	55.75 -0.96 0.00	51.52 -0.89 0.00	48.01 -0.83 0.00
PUCKETT___SOLAR 323809	45.59 0.72 0.00	44.70 0.75 0.00	42.82 0.80 0.00	41.94 0.70 0.00	43.86 0.82 0.00	47.44 0.93 0.00	73.97 1.38 0.00	98.99 2.79 0.00	81.24 1.20 0.00	53.51 0.48 0.00	46.66 0.37 0.00	44.69 0.09 0.00	43.90 0.00 0.00	44.57 0.09 0.00	44.62 0.00 0.00	49.09 0.05 0.00	57.30 0.51 0.00	78.27 0.95 1.18	94.79 1.90 2.02	90.06 1.71 1.88	72.02 1.21 0.41	57.50 0.79 0.00	52.78 0.37 0.00	49.33 0.49 0.00
PYRITES___HYD 24023	46.94 2.06 0.00	46.15 2.20 0.00	44.08 2.06 0.00	43.34 2.10 0.00	45.20 2.15 0.00	49.12 2.60 0.00	76.59 3.99 0.00	99.66 3.46 0.00	83.72 3.68 0.00	54.99 1.96 0.00	48.00 1.71 0.00	46.25 1.65 0.00	45.39 1.49 0.00	45.95 1.47 0.00	45.92 1.29 0.00	50.61 1.57 0.00	58.44 1.65 0.00	80.94 2.43 0.00	96.90 1.99 0.00	93.39 3.16 0.00	73.92 2.71 0.00	59.15 2.44 0.00	54.82 2.41 0.00	51.18 2.34 0.00
QUAKERRD_115KV_BK1 80622	43.35 -1.53 0.00	42.64 -1.32 0.00	40.80 -1.22 0.00	39.80 -1.44 0.00	41.58 -1.46 0.00	45.02 -1.49 0.00	69.25 -3.34 0.00	91.67 -4.52 0.00	75.55 -4.48 0.01	50.65 -2.39 0.00	44.49 -1.81 0.00	42.59 -2.01 0.00	41.93 -1.98 0.00	42.30 -2.18 0.00	42.26 -2.36 0.00	46.30 -2.75 0.00	53.21 -3.58 0.01	72.52 -4.55 1.43	86.85 -5.60 2.46	83.09 -4.87 2.27	65.77 -4.84 0.60	52.90 -3.80 0.01	49.57 -2.83 0.01	46.50 -2.34 0.00
QUENSBRY_115KV_TB8 356137	46.22 1.35 0.00	45.23 1.27 0.00	43.36 1.34 0.00	42.48 1.24 0.00	44.42 1.38 0.00	47.95 1.44 0.00	75.21 2.61 0.00	100.43 4.23 0.00	82.20 2.16 0.00	53.78 0.74 0.00	46.34 0.05 0.00	44.69 0.09 0.00	43.99 0.09 0.00	44.62 0.13 0.00	44.84 0.22 0.00	49.63 0.59 0.00	57.99 1.19 0.00	80.78 2.28 0.00	98.32 3.42 0.00	92.75 2.53 0.00	73.42 2.21 0.00	58.19 1.47 0.00	53.77 1.36 0.00	50.01 1.17 0.00
RAMAPO___LBMP 323565	46.58 1.71 0.00	45.54 1.58 0.00	43.36 1.34 0.00	42.72 1.48 0.00	44.51 1.46 0.00	48.00 1.49 0.00	75.64 3.05 0.00	101.97 5.77 0.00	83.16 3.12 0.00	55.21 2.17 0.00	48.33 2.04 0.00	46.65 2.05 0.00	46.05 2.15 0.00	46.66 2.18 0.00	46.90 2.28 0.00	51.30 2.26 0.00	59.35 2.56 0.00	81.44 3.22 0.28	98.89 4.46 0.48	93.75 3.97 0.45	74.25 3.13 0.10	59.10 2.38 0.00	54.40 1.99 0.00	50.60 1.76 0.00
RANKINE____ 23646	43.93 -0.94 0.00	43.56 -0.40 0.00	41.68 -0.34 0.00	40.42 -0.82 0.00	42.23 -0.82 0.00	45.49 -1.02 0.00	68.02 -4.57 0.00	88.59 -7.60 0.01	73.05 -6.96 0.02	49.80 -3.23 0.00	44.02 -2.27 0.00	41.92 -2.68 0.00	41.14 -2.77 0.00	41.50 -2.98 0.00	41.45 -3.17 0.00	45.02 -4.02 0.00	52.11 -4.66 0.03	70.61 -6.44 1.45	85.20 -7.21 2.50	80.80 -7.13 2.30	64.31 -6.20 0.71	51.75 -4.93 0.03	48.14 -4.25 0.02	45.62 -3.22 0.00
RAVENSWOOD_GT2_1 24244	46.99 2.11 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.76 1.72 0.00	48.37 1.86 0.00	76.37 3.77 0.00	102.93 6.73 0.00	84.12 4.08 0.00	55.90 2.86 0.00	48.98 2.68 0.00	47.28 2.68 0.00	46.67 2.77 0.00	47.28 2.80 0.00	47.57 2.95 0.00	51.99 2.94 0.00	60.20 3.41 0.00	82.39 4.16 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.96 3.85 0.09	59.78 3.06 0.00	55.03 2.62 0.00	51.13 2.30 0.00
RAVENSWOOD_GT2_2 24245	46.99 2.11 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.76 1.72 0.00	48.37 1.86 0.00	76.37 3.77 0.00	102.93 6.73 0.00	84.12 4.08 0.00	55.90 2.86 0.00	48.98 2.68 0.00	47.28 2.68 0.00	46.67 2.77 0.00	47.28 2.80 0.00	47.57 2.95 0.00	51.99 2.94 0.00	60.20 3.41 0.00	82.39 4.16 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.96 3.85 0.09	59.78 3.06 0.00	55.03 2.62 0.00	51.13 2.30 0.00

RAVENSWOOD_GT2_3 24246	46.99 2.11 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.81 1.76 0.00	48.37 1.86 0.00	76.37 3.77 0.00	103.03 6.83 0.00	84.20 4.16 0.00	55.90 2.86 0.00	48.98 2.68 0.00	47.32 2.72 0.00	46.71 2.81 0.00	47.28 2.80 0.00	47.57 2.95 0.00	52.04 2.99 0.00	60.20 3.41 0.00	82.47 4.24 0.27	100.04 5.60 0.47	94.85 5.05 0.43	75.03 3.92 0.09	59.78 3.06 0.00	55.03 2.62 0.00	51.18 2.34 0.00
RAVENSWOOD_GT2_4 24247	46.99 2.11 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.81 1.76 0.00	48.37 1.86 0.00	76.37 3.77 0.00	103.03 6.83 0.00	84.20 4.16 0.00	55.90 2.86 0.00	48.98 2.68 0.00	47.32 2.72 0.00	46.71 2.81 0.00	47.28 2.80 0.00	47.57 2.95 0.00	52.04 2.99 0.00	60.20 3.41 0.00	82.47 4.24 0.27	100.04 5.60 0.47	94.85 5.05 0.43	75.03 3.92 0.09	59.78 3.06 0.00	55.03 2.62 0.00	51.18 2.34 0.00
RAVENSWOOD_GT3_1 24248	46.94 2.06 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.81 1.76 0.00	48.37 1.86 0.00	76.37 3.77 0.00	102.93 6.73 0.00	84.20 4.16 0.00	55.90 2.86 0.00	48.98 2.68 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.28 2.80 0.00	47.57 2.95 0.00	52.04 2.99 0.00	60.20 3.41 0.00	82.39 4.16 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.96 3.85 0.09	59.78 3.06 0.00	55.03 2.62 0.00	51.13 2.30 0.00
RAVENSWOOD_GT3_2 24249	46.94 2.06 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.81 1.76 0.00	48.37 1.86 0.00	76.37 3.77 0.00	102.93 6.73 0.00	84.20 4.16 0.00	55.90 2.86 0.00	48.98 2.68 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.28 2.80 0.00	47.57 2.95 0.00	52.04 2.99 0.00	60.20 3.41 0.00	82.39 4.16 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.96 3.85 0.09	59.78 3.06 0.00	55.03 2.62 0.00	51.13 2.30 0.00
RAVENSWOOD_GT3_3 24250	47.03 2.15 0.00	45.93 1.98 0.00	43.70 1.68 0.00	43.05 1.81 0.00	44.85 1.81 0.00	48.42 1.91 0.00	76.44 3.85 0.00	103.12 6.93 0.00	84.28 4.24 0.00	55.95 2.92 0.00	49.02 2.73 0.00	47.32 2.72 0.00	46.76 2.85 0.00	47.33 2.85 0.00	47.61 2.99 0.00	52.08 3.04 0.00	60.26 3.46 0.00	82.55 4.32 0.27	100.13 5.69 0.47	94.94 5.14 0.43	75.11 3.99 0.09	59.83 3.12 0.00	55.08 2.67 0.00	51.18 2.34 0.00
RAVENSWOOD_GT3_4 24251	47.03 2.15 0.00	45.93 1.98 0.00	43.70 1.68 0.00	43.05 1.81 0.00	44.85 1.81 0.00	48.42 1.91 0.00	76.44 3.85 0.00	103.12 6.93 0.00	84.28 4.24 0.00	55.95 2.92 0.00	49.02 2.73 0.00	47.32 2.72 0.00	46.76 2.85 0.00	47.33 2.85 0.00	47.61 2.99 0.00	52.08 3.04 0.00	60.26 3.46 0.00	82.55 4.32 0.27	100.13 5.69 0.47	94.94 5.14 0.43	75.11 3.99 0.09	59.83 3.12 0.00	55.08 2.67 0.00	51.18 2.34 0.00
RAVENSWOOD_GT_1 23729	47.21 2.33 0.00	46.11 2.15 0.00	43.87 1.85 0.00	43.22 1.98 0.00	45.02 1.98 0.00	48.60 2.09 0.00	76.44 3.85 0.00	103.22 7.02 0.00	84.12 4.08 0.00	56.06 3.02 0.00	49.07 2.78 0.00	47.36 2.77 0.00	46.80 2.90 0.00	47.42 2.94 0.00	47.74 3.12 0.00	52.23 3.19 0.00	60.26 3.46 0.00	82.15 3.93 0.27	99.56 5.12 0.47	94.40 4.60 0.43	74.68 3.56 0.09	59.95 3.23 0.00	55.29 2.88 0.00	51.38 2.54 0.00
RAVENSWOOD_GT_10 24258	46.99 2.11 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.76 1.72 0.00	48.37 1.86 0.00	76.37 3.77 0.00	102.93 6.73 0.00	84.20 4.16 0.00	55.90 2.86 0.00	48.98 2.68 0.00	47.28 2.68 0.00	46.67 2.77 0.00	47.28 2.80 0.00	47.57 2.95 0.00	51.99 2.94 0.00	60.20 3.41 0.00	82.39 4.16 0.27	100.04 5.60 0.47	94.76 4.96 0.43	75.03 3.92 0.09	59.78 3.06 0.00	55.03 2.62 0.00	51.13 2.30 0.00
RAVENSWOOD_GT_11 24259	46.99 2.11 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.76 1.72 0.00	48.37 1.86 0.00	76.37 3.77 0.00	102.93 6.73 0.00	84.20 4.16 0.00	55.90 2.86 0.00	48.98 2.68 0.00	47.28 2.68 0.00	46.67 2.77 0.00	47.28 2.80 0.00	47.57 2.95 0.00	51.99 2.94 0.00	60.20 3.41 0.00	82.39 4.16 0.27	100.04 5.60 0.47	94.76 4.96 0.43	75.03 3.92 0.09	59.78 3.06 0.00	55.03 2.62 0.00	51.13 2.30 0.00
RAVENSWOOD_GT_4 24252	46.94 2.06 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.81 1.76 0.00	48.37 1.86 0.00	76.37 3.77 0.00	102.93 6.73 0.00	84.20 4.16 0.00	55.90 2.86 0.00	48.98 2.68 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.28 2.80 0.00	47.57 2.95 0.00	52.04 2.99 0.00	60.20 3.41 0.00	82.39 4.16 0.27	99.94 5.50 0.47	94.76 4.96 0.43	75.03 3.92 0.09	59.78 3.06 0.00	55.03 2.62 0.00	51.13 2.30 0.00
RAVENSWOOD_GT_5 24254	46.94 2.06 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.81 1.76 0.00	48.37 1.86 0.00	76.37 3.77 0.00	102.93 6.73 0.00	84.20 4.16 0.00	55.90 2.86 0.00	48.98 2.68 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.28 2.80 0.00	47.57 2.95 0.00	52.04 2.99 0.00	60.20 3.41 0.00	82.39 4.16 0.27	99.94 5.50 0.47	94.76 4.96 0.43	75.03 3.92 0.09	59.78 3.06 0.00	55.03 2.62 0.00	51.13 2.30 0.00
RAVENSWOOD_GT_6 24253	46.94 2.06 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.81 1.76 0.00	48.37 1.86 0.00	76.37 3.77 0.00	102.93 6.73 0.00	84.20 4.16 0.00	55.90 2.86 0.00	48.98 2.68 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.28 2.80 0.00	47.57 2.95 0.00	52.04 2.99 0.00	60.20 3.41 0.00	82.39 4.16 0.27	99.94 5.50 0.47	94.76 4.96 0.43	75.03 3.92 0.09	59.78 3.06 0.00	55.03 2.62 0.00	51.13 2.30 0.00
RAVENSWOOD_GT_7 24255	46.94 2.06 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.81 1.76 0.00	48.37 1.86 0.00	76.37 3.77 0.00	102.93 6.73 0.00	84.20 4.16 0.00	55.90 2.86 0.00	48.98 2.68 0.00	47.28 2.68 0.00	46.71 2.81 0.00	47.28 2.80 0.00	47.57 2.95 0.00	52.04 2.99 0.00	60.20 3.41 0.00	82.39 4.16 0.27	99.94 5.50 0.47	94.76 4.96 0.43	75.03 3.92 0.09	59.78 3.06 0.00	55.03 2.62 0.00	51.13 2.30 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.99 2.11 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.76 1.72 0.00	48.37 1.86 0.00	76.37 3.77 0.00	102.93 6.73 0.00	84.20 4.16 0.00	55.90 2.86 0.00	48.98 2.68 0.00	47.28 2.68 0.00	46.67 2.77 0.00	47.28 2.80 0.00	47.57 2.95 0.00	51.99 2.94 0.00	60.20 3.41 0.00	82.39 4.16 0.27	100.04 5.60 0.47	94.76 4.96 0.43	75.03 3.92 0.09	59.78 3.06 0.00	55.03 2.62 0.00	51.13 2.30 0.00
RAVENSWOOD_GT_9 24257	46.99 2.11 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.76 1.72 0.00	48.37 1.86 0.00	76.37 3.77 0.00	102.93 6.73 0.00	84.20 4.16 0.00	55.90 2.86 0.00	48.98 2.68 0.00	47.28 2.68 0.00	46.67 2.77 0.00	47.28 2.80 0.00	47.57 2.95 0.00	51.99 2.94 0.00	60.20 3.41 0.00	82.39 4.16 0.27	100.04 5.60 0.47	94.76 4.96 0.43	75.03 3.92 0.09	59.78 3.06 0.00	55.03 2.62 0.00	51.13 2.30 0.00

RAVENSWOOD___1 23533	47.26 2.38 -0.01	46.20 2.24 -0.01	43.96 1.93 -0.01	43.23 1.98 -0.01	45.03 1.98 -0.01	48.66 2.14 -0.01	76.36 3.77 0.00	103.13 6.93 0.00	84.04 4.00 0.00	56.05 3.02 0.00	49.02 2.73 0.00	47.32 2.72 0.00	46.80 2.90 0.00	47.37 2.89 0.00	47.70 3.08 0.00	52.14 3.09 0.00	60.32 3.52 0.00	82.15 3.92 0.27	99.46 5.03 0.47	94.48 4.69 0.44	74.60 3.49 0.10	59.95 3.23 0.00	55.30 2.88 -0.01	51.48 2.64 -0.01
RAVENSWOOD___2 23534	47.26 2.38 -0.01	46.20 2.24 -0.01	43.96 1.93 -0.01	43.23 1.98 -0.01	45.03 1.98 -0.01	48.66 2.14 -0.01	76.36 3.77 0.00	103.13 6.93 0.00	84.04 4.00 0.00	56.05 3.02 0.00	49.02 2.73 0.00	47.32 2.72 0.00	46.75 2.85 0.00	47.37 2.89 0.00	47.70 3.08 0.00	52.14 3.09 0.00	60.26 3.46 0.00	82.08 3.85 0.27	99.36 4.93 0.47	94.39 4.60 0.44	74.60 3.49 0.10	59.95 3.23 0.00	55.30 2.88 -0.01	51.48 2.64 -0.01
RAVENSWOOD___3 23535	47.03 2.15 0.00	45.98 2.02 0.00	43.70 1.68 0.00	43.01 1.77 0.00	44.81 1.77 0.00	48.42 1.91 0.00	76.29 3.70 0.00	102.93 6.73 0.00	84.20 4.16 0.00	55.89 2.86 0.00	48.98 2.68 0.00	47.23 2.63 0.00	46.67 2.77 0.00	47.29 2.80 0.00	47.57 2.94 0.00	51.94 2.89 0.00	60.26 3.46 0.00	82.39 4.16 0.27	99.94 5.50 0.46	94.94 5.14 0.43	75.03 3.91 0.09	59.77 3.06 0.00	55.03 2.62 0.00	51.23 2.39 0.00
RAVENSWOOD___4 23820	47.26 2.38 -0.01	46.20 2.24 -0.01	43.92 1.89 -0.01	43.23 1.98 -0.01	45.03 1.98 -0.01	48.66 2.14 -0.01	76.29 3.70 0.00	103.13 6.93 0.00	84.04 4.00 0.00	56.05 3.02 0.00	49.02 2.73 0.00	47.32 2.72 0.00	46.75 2.85 0.00	47.37 2.89 0.00	47.70 3.08 0.00	52.14 3.09 0.00	60.26 3.46 0.00	82.07 3.85 0.27	99.36 4.93 0.47	94.39 4.60 0.44	74.60 3.49 0.10	59.95 3.23 0.00	55.30 2.88 -0.01	51.48 2.64 -0.01
RCPL_TRUST___DRP 24196	46.99 2.11 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.81 1.76 0.00	48.37 1.86 0.00	76.44 3.85 0.00	103.12 6.93 0.00	84.36 4.32 0.00	56.00 2.97 0.00	49.02 2.73 0.00	47.36 2.77 0.00	46.76 2.85 0.00	47.37 2.89 0.00	47.66 3.03 0.00	52.08 3.04 0.00	60.32 3.52 0.00	82.63 4.40 0.27	100.23 5.79 0.47	94.94 5.14 0.43	75.11 3.99 0.09	59.83 3.12 0.00	55.08 2.67 0.00	51.18 2.34 0.00
RED___ROCHESTER 323720	44.52 -0.36 0.00	43.69 -0.26 0.00	41.93 -0.08 0.00	40.91 -0.33 0.00	42.79 -0.26 0.00	46.23 -0.28 0.00	70.93 -1.67 0.00	93.50 -2.69 0.00	77.15 -2.88 0.01	51.87 -1.17 0.00	45.64 -0.65 0.00	43.71 -0.89 0.00	43.02 -0.88 0.00	43.41 -1.07 0.00	43.28 -1.34 0.00	47.38 -1.67 0.00	53.89 -2.89 0.01	74.05 -2.98 1.47	88.40 -3.98 2.52	84.38 -3.52 2.33	67.02 -3.56 0.63	53.87 -2.83 0.01	50.56 -1.84 0.01	47.52 -1.32 0.00
REGAN___SOLAR 323812	46.76 1.88 0.00	45.84 1.89 0.00	43.82 1.81 0.00	42.93 1.69 0.00	44.98 1.94 0.00	48.88 2.37 0.00	76.51 3.92 0.00	102.26 6.06 0.00	82.60 2.56 0.00	53.19 0.16 0.00	45.46 -0.83 0.00	43.62 -0.98 0.00	43.11 -0.79 0.00	43.99 -0.49 0.00	44.40 -0.22 0.00	49.43 0.39 0.00	58.22 1.42 0.00	81.60 3.37 0.28	99.36 4.93 0.48	94.03 4.24 0.44	74.46 3.35 0.10	59.21 2.49 0.00	54.51 2.10 0.00	50.74 1.90 0.00
RENSSELAER___COGEN 23796	44.97 0.09 0.00	44.00 0.04 0.00	41.98 -0.04 0.00	41.20 -0.04 0.00	43.04 0.00 0.00	46.47 -0.05 0.00	72.81 0.22 0.00	97.06 0.86 0.00	79.80 -0.24 0.00	52.66 -0.37 0.00	45.78 -0.51 0.00	44.20 -0.40 0.00	43.64 -0.26 0.00	44.17 -0.31 0.00	44.44 -0.18 0.00	49.00 -0.05 0.00	56.97 0.17 0.00	78.74 0.24 0.00	95.48 0.57 0.00	90.41 0.18 0.00	71.50 0.29 0.00	56.89 0.17 0.00	52.46 0.05 0.00	48.74 -0.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	47.97 3.10 0.00	47.08 3.12 0.00	45.09 3.07 0.00	44.09 2.85 0.00	46.19 3.14 0.00	50.09 3.58 0.00	78.62 6.03 0.00	105.05 8.85 0.00	85.56 5.52 0.00	55.68 2.65 0.00	47.68 1.39 0.00	45.85 1.25 0.00	45.00 1.10 0.00	45.68 1.20 0.00	45.96 1.34 0.00	51.01 1.96 0.00	59.81 3.01 0.00	83.92 5.42 0.00	102.59 7.69 0.00	96.63 6.41 0.00	76.34 5.13 0.00	60.40 3.69 0.00	55.71 3.30 0.00	51.87 3.03 0.00
REVERE_CPPR_DRP 24186	46.31 1.44 0.00	45.49 1.54 0.00	43.49 1.47 0.00	42.60 1.36 0.00	44.59 1.55 0.00	48.37 1.86 0.00	75.93 3.34 0.00	104.86 8.66 0.00	86.52 6.48 0.00	55.95 2.92 0.00	48.65 2.36 0.00	46.70 2.10 0.00	45.75 1.84 0.00	46.75 2.27 0.00	46.36 1.74 0.00	50.42 1.37 0.00	58.73 1.93 0.00	81.41 2.90 0.00	98.89 3.99 0.00	94.02 3.79 0.00	73.92 2.71 0.00	58.81 2.10 0.00	54.04 1.62 0.00	50.50 1.66 0.00
REYNLDPA_13_KV_LD 356490	45.59 0.72 0.00	44.75 0.79 0.00	42.73 0.71 0.00	42.06 0.82 0.00	43.77 0.73 0.00	47.44 0.93 0.00	73.83 1.23 0.00	96.68 0.48 0.00	81.32 1.28 0.00	53.93 0.90 0.00	47.08 0.79 0.00	45.44 0.85 0.00	44.60 0.70 0.00	45.10 0.62 0.00	45.20 0.58 0.00	49.63 0.59 0.00	57.42 0.63 0.00	79.45 0.95 0.00	95.19 0.29 0.00	90.86 0.64 0.00	72.07 0.86 0.00	57.40 0.68 0.00	53.20 0.79 0.00	49.52 0.68 0.00
REYNOLDS_115KV_TB3 80639	45.37 0.49 0.00	44.31 0.35 0.00	42.35 0.34 0.00	41.57 0.33 0.00	43.43 0.39 0.00	46.88 0.37 0.00	73.39 0.80 0.00	97.74 1.54 0.00	80.36 0.32 0.00	53.09 0.05 0.00	46.11 -0.19 0.00	44.55 -0.04 0.00	43.95 0.04 0.00	44.57 0.09 0.00	44.80 0.18 0.00	49.44 0.39 0.00	57.48 0.68 0.00	79.44 0.94 0.00	96.33 1.42 0.00	91.04 0.81 0.00	72.07 0.85 0.00	57.40 0.68 0.00	52.94 0.52 0.00	49.13 0.29 0.00
RIVERBAY____ 323610	47.88 3.01 0.00	46.77 2.81 0.00	44.50 2.48 0.00	43.84 2.60 0.00	45.63 2.58 0.00	49.26 2.74 0.00	77.38 4.79 0.00	104.37 8.18 0.00	84.92 4.88 0.00	56.59 3.55 0.00	49.30 3.01 0.00	47.63 3.03 0.00	47.06 3.16 0.00	47.64 3.16 0.00	47.97 3.35 0.00	52.48 3.43 0.00	60.54 3.75 0.00	82.55 4.32 0.27	100.13 5.69 0.47	94.94 5.14 0.43	75.10 3.99 0.10	60.52 3.80 0.00	55.87 3.46 0.00	51.92 3.08 0.00
RIVERSDE_115KV_TB3 55908	45.01 0.13 0.00	44.00 0.04 0.00	42.02 0.00 0.00	41.28 0.04 0.00	43.09 0.04 0.00	46.56 0.05 0.00	72.88 0.29 0.00	97.16 0.96 0.00	79.88 -0.16 0.00	52.77 -0.27 0.00	45.83 -0.46 0.00	44.29 -0.31 0.00	43.68 -0.22 0.00	44.26 -0.22 0.00	44.53 -0.09 0.00	49.09 0.05 0.00	57.08 0.28 0.00	78.89 0.39 0.00	95.66 0.76 0.00	90.41 0.18 0.00	71.57 0.36 0.00	57.00 0.28 0.00	52.52 0.10 0.00	48.79 -0.05 0.00
ROARING___BROOK_WT_PWR 323790	44.92 0.04 0.00	44.04 0.09 0.00	42.10 0.08 0.00	41.32 0.08 0.00	43.13 0.09 0.00	46.60 0.09 0.00	72.74 0.15 0.00	96.20 0.00 0.00	80.12 0.08 0.00	53.09 0.05 0.00	46.34 0.05 0.00	44.64 0.04 0.00	43.95 0.04 0.00	44.53 0.04 0.00	44.67 0.04 0.00	49.09 0.05 0.00	56.80 0.00 0.00	78.50 0.00 0.00	94.53 -0.38 0.00	89.87 -0.36 0.00	70.86 -0.35 0.00	56.49 -0.23 0.00	52.25 -0.16 0.00	48.69 -0.15 0.00

ROCHESRG_115KV_T4 355643	44.20 -0.67 0.00	43.56 -0.40 0.00	41.64 -0.38 0.00	40.62 -0.62 0.00	42.40 -0.65 0.00	45.91 -0.60 0.00	70.20 -2.40 0.00	92.63 -3.56 0.00	76.35 -3.68 0.01	51.39 -1.64 0.00	45.18 -1.11 0.00	43.17 -1.43 0.00	42.50 -1.40 0.00	42.88 -1.60 0.00	42.84 -1.78 0.00	46.89 -2.16 0.00	53.72 -3.07 0.01	73.17 -3.85 1.48	87.52 -4.84 2.55	84.00 -3.88 2.35	66.31 -4.27 0.63	53.41 -3.29 0.01	50.25 -2.15 0.01	47.18 -1.66 0.00
ROCHESTER_9_IC 23652	44.43 -0.45 0.00	43.74 -0.22 0.00	41.85 -0.17 0.00	40.79 -0.45 0.00	42.61 -0.43 0.00	46.14 -0.37 0.00	70.63 -1.96 0.00	93.11 -3.08 0.00	76.75 -3.28 0.01	51.65 -1.38 0.00	45.41 -0.88 0.00	43.44 -1.16 0.00	42.72 -1.19 0.00	43.10 -1.38 0.00	43.02 -1.61 0.00	47.08 -1.96 0.00	54.00 -2.78 0.01	73.65 -3.38 1.47	88.10 -4.27 2.53	84.55 -3.34 2.34	66.66 -3.92 0.63	53.70 -3.01 0.01	50.46 -1.94 0.01	47.42 -1.42 0.00
ROCKVIEW_13_KV_LD 356306	46.94 2.06 0.00	45.85 1.89 0.00	43.66 1.64 0.00	42.97 1.73 0.00	44.76 1.72 0.00	48.33 1.81 0.00	76.22 3.63 0.00	102.83 6.64 0.00	84.04 4.00 0.00	55.68 2.65 0.00	48.79 2.50 0.00	47.10 2.50 0.00	46.49 2.59 0.00	47.11 2.62 0.00	47.39 2.77 0.00	51.79 2.75 0.00	60.03 3.24 0.00	82.31 4.08 0.27	99.85 5.41 0.47	94.67 4.87 0.43	74.96 3.85 0.09	59.66 2.95 0.00	54.87 2.46 0.00	50.99 2.15 0.00
ROME____115KV_TB2 80656	46.31 1.44 0.00	45.49 1.54 0.00	43.49 1.47 0.00	42.60 1.36 0.00	44.59 1.55 0.00	48.37 1.86 0.00	75.93 3.34 0.00	104.86 8.66 0.00	86.52 6.48 0.00	55.95 2.92 0.00	48.65 2.36 0.00	46.70 2.10 0.00	45.75 1.84 0.00	46.75 2.27 0.00	46.36 1.74 0.00	50.42 1.37 0.00	58.73 1.93 0.00	81.41 2.90 0.00	98.89 3.99 0.00	94.02 3.79 0.00	73.92 2.71 0.00	58.81 2.10 0.00	54.04 1.62 0.00	50.50 1.66 0.00
ROSETON___1 23587	46.45 1.57 0.00	45.40 1.45 0.00	43.24 1.22 0.00	42.56 1.32 0.00	44.33 1.29 0.00	47.86 1.35 0.00	75.20 2.61 0.00	101.20 5.00 0.00	82.76 2.72 0.00	54.89 1.86 0.00	48.05 1.76 0.00	46.39 1.79 0.00	45.75 1.84 0.00	46.39 1.91 0.00	46.63 2.01 0.00	51.01 1.96 0.00	59.13 2.33 0.00	81.05 2.82 0.27	98.33 3.89 0.47	93.41 3.61 0.43	73.89 2.77 0.09	58.87 2.15 0.00	54.19 1.78 0.00	50.50 1.66 0.00
ROSETON___2 23588	46.45 1.57 0.00	45.40 1.45 0.00	43.24 1.22 0.00	42.56 1.32 0.00	44.33 1.29 0.00	47.86 1.35 0.00	75.20 2.61 0.00	101.20 5.00 0.00	82.76 2.72 0.00	54.89 1.86 0.00	48.05 1.76 0.00	46.39 1.79 0.00	45.75 1.84 0.00	46.39 1.91 0.00	46.63 2.01 0.00	51.01 1.96 0.00	59.13 2.33 0.00	81.05 2.82 0.27	98.33 3.89 0.47	93.41 3.61 0.43	73.89 2.77 0.09	58.87 2.15 0.00	54.19 1.78 0.00	50.50 1.66 0.00
ROTRRDAM_115KV_TB3 80664	45.82 0.94 0.00	44.83 0.88 0.00	42.90 0.88 0.00	42.06 0.82 0.00	43.95 0.90 0.00	47.49 0.98 0.00	74.26 1.67 0.00	98.99 2.79 0.00	81.40 1.36 0.00	53.67 0.64 0.00	46.66 0.37 0.00	45.00 0.40 0.00	44.34 0.44 0.00	44.97 0.49 0.00	45.16 0.54 0.00	49.78 0.74 0.00	57.87 1.08 0.00	80.15 1.65 0.00	97.18 2.28 0.00	92.03 1.80 0.00	72.71 1.50 0.00	57.91 1.19 0.00	53.41 1.00 0.00	49.67 0.83 0.00
RUSSELL___1 23602	44.61 -0.27 0.00	43.91 -0.04 0.00	42.02 0.00 0.00	40.91 -0.33 0.00	42.78 -0.26 0.00	46.33 -0.19 0.00	70.92 -1.67 0.00	93.50 -2.69 0.00	77.15 -2.88 0.01	51.87 -1.17 0.00	45.64 -0.65 0.00	43.62 -0.98 0.00	42.94 -0.97 0.00	43.28 -1.20 0.00	43.19 -1.43 0.00	47.28 -1.77 0.00	54.23 -2.56 0.01	74.04 -2.98 1.47	88.58 -3.80 2.53	85.00 -2.89 2.34	67.02 -3.56 0.63	53.92 -2.78 0.01	50.67 -1.73 0.01	47.62 -1.22 0.00
RUSSELL___2 23532	44.61 -0.27 0.00	43.91 -0.04 0.00	42.02 0.00 0.00	40.91 -0.33 0.00	42.78 -0.26 0.00	46.33 -0.19 0.00	70.92 -1.67 0.00	93.50 -2.69 0.00	77.15 -2.88 0.01	51.87 -1.17 0.00	45.64 -0.65 0.00	43.62 -0.98 0.00	42.94 -0.97 0.00	43.28 -1.20 0.00	43.19 -1.43 0.00	47.28 -1.77 0.00	54.23 -2.56 0.01	74.04 -2.98 1.47	88.58 -3.80 2.53	85.00 -2.89 2.34	67.02 -3.56 0.63	53.92 -2.78 0.01	50.67 -1.73 0.01	47.62 -1.22 0.00
RUSSELL___3 23549	44.61 -0.27 0.00	43.91 -0.04 0.00	42.02 0.00 0.00	40.91 -0.33 0.00	42.78 -0.26 0.00	46.33 -0.19 0.00	70.92 -1.67 0.00	93.50 -2.69 0.00	77.15 -2.88 0.01	51.87 -1.17 0.00	45.64 -0.65 0.00	43.62 -0.98 0.00	42.94 -0.97 0.00	43.28 -1.20 0.00	43.19 -1.43 0.00	47.28 -1.77 0.00	54.23 -2.56 0.01	74.04 -2.98 1.47	88.58 -3.80 2.53	85.00 -2.89 2.34	67.02 -3.56 0.63	53.92 -2.78 0.01	50.67 -1.73 0.01	47.62 -1.22 0.00
RUSSELL___4 23556	44.61 -0.27 0.00	43.91 -0.04 0.00	42.02 0.00 0.00	40.91 -0.33 0.00	42.78 -0.26 0.00	46.33 -0.19 0.00	70.92 -1.67 0.00	93.50 -2.69 0.00	77.15 -2.88 0.01	51.87 -1.17 0.00	45.64 -0.65 0.00	43.62 -0.98 0.00	42.94 -0.97 0.00	43.28 -1.20 0.00	43.19 -1.43 0.00	47.28 -1.77 0.00	54.23 -2.56 0.01	74.04 -2.98 1.47	88.58 -3.80 2.53	85.00 -2.89 2.34	67.02 -3.56 0.63	53.92 -2.78 0.01	50.67 -1.73 0.01	47.62 -1.22 0.00
RUSSELL___STATION 23914	44.61 -0.27 0.00	43.91 -0.04 0.00	42.02 0.00 0.00	40.91 -0.33 0.00	42.78 -0.26 0.00	46.33 -0.19 0.00	70.92 -1.67 0.00	93.50 -2.69 0.00	77.15 -2.88 0.01	51.87 -1.17 0.00	45.64 -0.65 0.00	43.62 -0.98 0.00	42.94 -0.97 0.00	43.28 -1.20 0.00	43.19 -1.43 0.00	47.28 -1.77 0.00	54.23 -2.56 0.01	74.04 -2.98 1.47	88.58 -3.80 2.53	85.00 -2.89 2.34	67.02 -3.56 0.63	53.92 -2.78 0.01	50.67 -1.73 0.01	47.62 -1.22 0.00
S SALMON___HYD 24043	44.70 -0.18 0.00	43.82 -0.13 0.00	41.89 -0.13 0.00	41.08 -0.16 0.00	42.96 -0.09 0.00	46.56 0.05 0.00	72.67 0.07 0.00	96.88 0.68 0.00	79.96 -0.08 0.00	52.72 -0.32 0.00	45.97 -0.32 0.00	44.15 -0.45 0.00	43.38 -0.52 0.00	44.04 -0.44 0.00	44.04 -0.58 0.00	48.55 -0.49 0.00	56.06 -0.74 0.00	77.72 -0.78 0.00	94.14 -0.76 0.00	89.69 -0.54 0.00	70.57 -0.64 0.00	56.26 -0.46 0.00	52.10 -0.31 0.00	48.64 -0.19 0.00
S.PERRY___115KV_TB1 80734	45.82 0.94 0.00	45.14 1.19 0.00	43.20 1.18 0.00	42.06 0.82 0.00	43.99 0.95 0.00	47.72 1.21 0.00	70.71 -1.89 0.00	92.72 -3.46 0.01	75.68 -4.32 0.03	50.54 -2.49 0.00	44.25 -2.04 0.00	42.01 -2.59 0.00	41.18 -2.72 0.00	41.64 -2.85 0.00	41.63 -2.99 0.00	45.51 -3.53 0.00	52.73 -4.03 0.03	72.52 -4.55 1.43	87.88 -4.56 2.46	83.82 -4.15 2.26	66.14 -4.27 0.80	54.98 -1.70 0.03	51.17 -1.21 0.03	48.20 -0.63 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.75 -1.12 0.00	43.38 -0.57 0.00	41.51 -0.50 0.00	40.21 -1.03 0.00	41.97 -1.08 0.00	45.26 -1.26 0.00	67.44 -5.15 0.00	87.72 -8.47 0.01	72.25 -7.76 0.02	49.48 -3.55 0.00	43.79 -2.50 0.00	41.70 -2.90 0.00	40.92 -2.99 0.00	41.28 -3.20 0.00	41.23 -3.39 0.00	44.83 -4.22 0.00	51.32 -5.45 0.02	69.51 -7.54 1.46	83.38 -9.02 2.51	79.70 -8.21 2.31	62.88 -7.62 0.71	50.79 -5.90 0.02	47.88 -4.51 0.02	45.47 -3.37 0.00

SAWYER___23_KV_LOAD 55526	43.75 -1.12 0.00	43.38 -0.57 0.00	41.51 -0.50 0.00	40.21 -1.03 0.00	41.97 -1.08 0.00	45.26 -1.26 0.00	67.44 -5.15 0.00	87.72 -8.47 0.01	72.25 -7.76 0.02	49.48 -3.55 0.00	43.79 -2.50 0.00	41.70 -2.90 0.00	40.92 -2.99 0.00	41.28 -3.20 0.00	41.23 -3.39 0.00	44.83 -4.22 0.00	51.32 -5.45 0.02	69.51 -7.54 1.46	83.38 -9.02 2.51	79.70 -8.21 2.31	62.88 -7.62 0.71	50.79 -5.90 0.02	47.88 -4.51 0.02	45.47 -3.37 0.00
SELKIRK___I 23801	45.59 0.72 0.00	44.62 0.66 0.00	42.65 0.63 0.00	41.82 0.58 0.00	43.69 0.65 0.00	47.16 0.65 0.00	73.75 1.16 0.00	98.31 2.11 0.00	80.76 0.72 0.00	53.19 0.16 0.00	46.20 -0.09 0.00	44.55 -0.04 0.00	43.95 0.04 0.00	44.53 0.04 0.00	44.76 0.13 0.00	49.34 0.30 0.00	57.48 0.68 0.00	79.52 1.02 0.00	96.52 1.61 0.00	91.40 1.17 0.00	72.28 1.07 0.00	57.57 0.85 0.00	53.09 0.68 0.00	49.38 0.54 0.00
SELKIRK___II 23799	45.23 0.36 0.00	44.27 0.31 0.00	42.23 0.21 0.00	41.49 0.25 0.00	43.30 0.26 0.00	46.75 0.23 0.00	73.17 0.58 0.00	97.54 1.35 0.00	80.28 0.24 0.00	53.03 0.00 0.00	46.11 -0.18 0.00	44.51 -0.09 0.00	43.90 0.00 0.00	44.48 0.00 0.00	44.71 0.09 0.00	49.24 0.20 0.00	57.25 0.45 0.00	79.06 0.55 0.00	95.85 0.95 0.00	90.77 0.54 0.00	71.78 0.57 0.00	57.17 0.45 0.00	52.73 0.32 0.00	49.04 0.20 0.00
SENECA OSWGO___HYD 24041	44.02 -0.85 0.00	43.08 -0.88 0.00	41.22 -0.80 0.00	40.42 -0.82 0.00	42.22 -0.82 0.00	45.68 -0.84 0.00	71.14 -1.45 0.00	94.85 -1.35 0.00	78.44 -1.60 0.00	51.97 -1.06 0.00	45.41 -0.88 0.00	43.66 -0.94 0.00	42.94 -0.97 0.00	43.50 -0.98 0.00	43.64 -0.98 0.00	47.92 -1.13 0.00	55.38 -1.42 0.00	77.26 -1.80 -0.56	93.78 -2.09 -0.96	89.14 -1.99 -0.89	69.77 -1.64 -0.19	55.35 -1.36 0.00	51.26 -1.15 0.00	47.76 -1.07 0.00
SENECA___115KV_TB3 355854	43.85 -1.03 0.00	43.21 -0.75 0.00	41.60 -0.42 0.00	40.42 -0.82 0.00	42.27 -0.77 0.00	45.49 -1.02 0.00	68.16 -4.43 0.00	88.69 -7.50 0.01	73.13 -6.88 0.02	49.85 -3.18 0.00	44.07 -2.22 0.00	42.10 -2.50 0.00	41.31 -2.59 0.00	41.77 -2.71 0.00	41.63 -2.99 0.00	45.22 -3.83 0.00	51.83 -4.94 0.02	70.62 -6.44 1.45	85.02 -7.40 2.48	80.63 -7.31 2.29	64.39 -6.12 0.70	51.87 -4.82 0.02	48.19 -4.19 0.02	45.61 -3.22 0.00
SENECA___ENERGY 23797	44.56 -0.31 0.00	43.65 -0.31 0.00	41.81 -0.21 0.00	40.95 -0.29 0.00	42.83 -0.21 0.00	46.37 -0.14 0.00	71.94 -0.65 0.00	95.42 -0.77 0.00	78.67 -1.36 0.01	52.29 -0.74 0.00	45.83 -0.46 0.00	43.93 -0.67 0.00	43.16 -0.75 0.00	43.73 -0.76 0.00	43.77 -0.85 0.00	47.96 -1.08 0.00	55.37 -1.42 0.00	76.03 -1.49 0.98	91.62 -1.61 1.67	87.14 -1.53 1.55	69.48 -1.36 0.38	55.46 -1.25 0.00	51.30 -1.10 0.01	47.96 -0.88 0.00
SHOEMAKER___GT 23640	46.49 1.61 0.00	45.49 1.54 0.00	43.36 1.34 0.00	42.60 1.36 0.00	44.42 1.38 0.00	47.91 1.39 0.00	75.35 2.76 0.00	101.39 5.19 0.00	82.76 2.72 0.00	54.78 1.75 0.00	47.87 1.57 0.00	46.12 1.52 0.00	45.53 1.63 0.00	46.17 1.69 0.00	46.36 1.74 0.00	50.76 1.72 0.00	58.95 2.16 0.00	81.04 2.82 0.29	98.31 3.89 0.49	93.39 3.61 0.46	73.89 2.77 0.10	58.81 2.10 0.00	54.19 1.78 0.00	50.45 1.61 0.00
SHOEMAKR_138KV_BK 111 55601	46.45 1.57 0.00	45.41 1.45 0.00	43.28 1.26 0.00	42.60 1.36 0.00	44.42 1.38 0.00	47.86 1.35 0.00	75.35 2.76 0.00	101.39 5.19 0.00	82.76 2.72 0.00	54.84 1.80 0.00	47.91 1.62 0.00	46.21 1.61 0.00	45.57 1.67 0.00	46.17 1.69 0.00	46.41 1.78 0.00	50.81 1.77 0.00	58.95 2.16 0.00	80.96 2.75 0.29	98.30 3.89 0.50	93.29 3.52 0.46	73.82 2.71 0.10	58.81 2.10 0.00	54.14 1.73 0.00	50.35 1.51 0.00
SHOREHAM_IC_1 23715	46.67 1.80 0.00	46.20 2.24 0.00	43.82 1.81 0.00	42.97 1.73 0.00	44.77 1.72 0.00	47.58 1.07 0.00	54.59 1.88 19.89	80.76 4.23 19.67	56.64 2.16 25.56	47.21 0.64 6.47	47.67 1.39 0.00	45.80 1.20 0.00	45.31 1.40 0.00	45.86 1.38 0.00	46.76 2.14 0.00	50.36 1.32 0.00	58.26 1.47 0.01	72.78 1.18 6.90	92.81 1.61 3.71	86.38 1.44 5.29	72.45 1.35 0.11	58.07 1.36 0.00	52.75 0.84 0.50	50.05 1.22 0.01
SHOREHAM_IC_2 23716	46.49 1.62 0.00	45.98 2.02 0.00	43.78 1.76 0.00	42.97 1.73 0.00	44.76 1.72 0.00	47.40 0.88 0.00	54.59 1.89 19.89	80.76 4.23 19.67	56.64 2.16 25.56	47.20 0.64 6.47	47.68 1.39 0.00	45.98 1.38 0.00	45.79 1.89 0.00	45.86 1.38 0.00	46.80 2.19 0.00	50.61 1.57 0.00	58.49 1.70 0.01	72.78 1.18 6.90	92.81 1.61 3.71	86.20 1.26 5.29	72.46 1.35 0.11	57.90 1.19 0.00	52.75 0.84 0.50	49.66 0.83 0.01
SISSONVILLE___ 23735	46.36 1.48 0.00	45.58 1.63 0.00	43.53 1.51 0.00	42.81 1.57 0.00	44.64 1.59 0.00	48.37 1.86 0.00	75.21 2.61 0.00	98.12 1.92 0.00	82.60 2.56 0.00	54.57 1.54 0.00	47.68 1.39 0.00	45.98 1.38 0.00	45.13 1.23 0.00	45.68 1.20 0.00	45.69 1.07 0.00	50.27 1.23 0.00	57.76 0.97 0.00	79.68 1.18 0.00	95.00 0.09 0.00	91.49 1.26 0.00	72.49 1.28 0.00	58.19 1.47 0.00	54.09 1.68 0.00	50.55 1.71 0.00
SITHE_IND_GS1 24169	43.49 -1.39 0.00	42.59 -1.36 0.00	40.72 -1.30 0.00	39.92 -1.32 0.00	41.71 -1.33 0.00	45.12 -1.39 0.00	70.20 -2.39 0.00	93.31 -2.88 0.00	77.32 -2.72 0.00	51.28 -1.75 0.00	44.81 -1.48 0.00	43.08 -1.52 0.00	42.41 -1.49 0.00	42.97 -1.51 0.00	43.06 -1.56 0.00	47.33 -1.72 0.00	54.70 -2.10 0.00	64.59 -2.75 11.16	72.35 -3.41 19.14	69.20 -3.24 17.78	64.80 -2.56 3.85	54.68 -2.04 0.00	50.58 -1.84 0.00	47.18 -1.66 0.00
SITHE_IND_GS2 24170	43.49 -1.39 0.00	42.59 -1.36 0.00	40.72 -1.30 0.00	39.92 -1.32 0.00	41.71 -1.33 0.00	45.12 -1.39 0.00	70.20 -2.39 0.00	93.31 -2.88 0.00	77.32 -2.72 0.00	51.28 -1.75 0.00	44.81 -1.48 0.00	43.08 -1.52 0.00	42.41 -1.49 0.00	42.97 -1.51 0.00	43.06 -1.56 0.00	47.33 -1.72 0.00	54.70 -2.10 0.00	64.59 -2.75 11.16	72.35 -3.41 19.14	69.20 -3.24 17.78	64.80 -2.56 3.85	54.68 -2.04 0.00	50.58 -1.84 0.00	47.18 -1.66 0.00
SITHE_IND_GS3 24171	43.49 -1.39 0.00	42.59 -1.36 0.00	40.72 -1.30 0.00	39.92 -1.32 0.00	41.71 -1.33 0.00	45.12 -1.39 0.00	70.20 -2.39 0.00	93.31 -2.88 0.00	77.32 -2.72 0.00	51.28 -1.75 0.00	44.81 -1.48 0.00	43.08 -1.52 0.00	42.41 -1.49 0.00	42.97 -1.51 0.00	43.06 -1.56 0.00	47.33 -1.72 0.00	54.70 -2.10 0.00	64.59 -2.75 11.16	72.35 -3.41 19.14	69.20 -3.24 17.78	64.80 -2.56 3.85	54.68 -2.04 0.00	50.58 -1.84 0.00	47.18 -1.66 0.00
SITHE_IND_GS4 24172	43.49 -1.39 0.00	42.59 -1.36 0.00	40.72 -1.30 0.00	39.92 -1.32 0.00	41.71 -1.33 0.00	45.12 -1.39 0.00	70.20 -2.39 0.00	93.31 -2.88 0.00	77.32 -2.72 0.00	51.28 -1.75 0.00	44.81 -1.48 0.00	43.08 -1.52 0.00	42.41 -1.49 0.00	42.97 -1.51 0.00	43.06 -1.56 0.00	47.33 -1.72 0.00	54.70 -2.10 0.00	64.59 -2.75 11.16	72.35 -3.41 19.14	69.20 -3.24 17.78	64.80 -2.56 3.85	54.68 -2.04 0.00	50.58 -1.84 0.00	47.18 -1.66 0.00

SITHE___BATAVIA 24024	44.65 -0.22 0.00	44.00 0.04 0.00	42.32 0.30 0.00	41.16 -0.08 0.00	43.04 0.00 0.00	46.51 0.00 0.00	69.69 -2.91 0.00	91.38 -4.81 0.01	74.98 -5.04 0.02	50.86 -2.18 0.00	44.90 -1.39 0.00	42.86 -1.74 0.00	42.14 -1.76 0.00	42.48 -2.00 0.00	42.26 -2.37 0.00	46.10 -2.94 0.00	52.12 -4.66 0.02	71.95 -5.10 1.46	86.14 -6.27 2.50	82.14 -5.78 2.31	65.05 -5.48 0.68	52.33 -4.37 0.02	49.41 -2.99 0.02	46.88 -1.96 0.00
SITHE___INDEPEND 23800	43.49 -1.39 0.00	42.64 -1.32 0.00	40.76 -1.26 0.00	39.92 -1.32 0.00	41.71 -1.33 0.00	45.12 -1.40 0.00	70.20 -2.40 0.00	93.31 -2.89 0.00	77.32 -2.72 0.00	51.28 -1.75 0.00	44.81 -1.48 0.00	43.08 -1.52 0.00	42.41 -1.49 0.00	42.97 -1.51 0.00	43.06 -1.56 0.00	47.33 -1.72 0.00	54.75 -2.04 0.00	64.59 -2.75 11.17	72.43 -3.32 19.15	69.28 -3.16 17.79	64.79 -2.56 3.85	54.67 -2.04 0.00	50.58 -1.83 0.00	47.18 -1.66 0.00
SITHE___MASSENA 23902	45.86 0.99 0.00	45.01 1.05 0.00	42.99 0.97 0.00	42.27 1.03 0.00	44.03 0.99 0.00	47.72 1.21 0.00	74.26 1.67 0.00	96.88 0.68 0.00	81.72 1.68 0.00	54.20 1.17 0.00	47.31 1.02 0.00	45.67 1.07 0.00	44.82 0.92 0.00	45.33 0.84 0.00	45.43 0.80 0.00	49.93 0.88 0.00	57.70 0.91 0.00	79.75 1.25 0.00	95.48 0.57 0.00	91.67 1.44 0.00	72.42 1.21 0.00	57.74 1.02 0.00	53.51 1.10 0.00	49.87 1.03 0.00
SITHE___OGDNSBRG 24021	46.76 1.88 0.00	45.98 2.02 0.00	43.91 1.89 0.00	43.18 1.94 0.00	44.98 1.94 0.00	48.88 2.37 0.00	76.22 3.63 0.00	99.08 2.89 0.00	83.32 3.28 0.00	54.78 1.75 0.00	47.82 1.53 0.00	46.12 1.52 0.00	45.22 1.32 0.00	45.77 1.29 0.00	45.78 1.16 0.00	50.42 1.37 0.00	58.33 1.53 0.00	80.94 2.43 0.00	96.90 1.99 0.00	93.39 3.16 0.00	73.85 2.63 0.00	58.98 2.27 0.00	54.61 2.20 0.00	50.94 2.10 0.00
SITHE___STERLING 23777	45.95 1.08 0.00	45.10 1.14 0.00	43.11 1.09 0.00	42.27 1.03 0.00	44.25 1.20 0.00	47.95 1.44 0.00	75.20 2.61 0.00	99.18 2.99 0.00	81.80 1.76 0.00	53.83 0.80 0.00	46.94 0.65 0.00	45.09 0.49 0.00	44.34 0.44 0.00	45.02 0.54 0.00	45.02 0.40 0.00	50.08 1.03 0.00	58.22 1.42 -0.01	80.04 2.19 0.66	96.82 3.04 1.12	92.07 2.89 1.05	73.17 2.13 0.18	58.31 1.59 -0.01	53.62 1.21 0.00	50.06 1.22 0.00
SLEIGHT__34_KV_TB1 80719	44.16 -0.72 0.00	43.34 -0.62 0.00	41.47 -0.55 0.00	40.50 -0.74 0.00	42.35 -0.69 0.00	45.91 -0.60 0.00	70.92 -1.67 0.00	94.17 -2.02 0.00	77.63 -2.40 0.01	51.81 -1.22 0.00	45.46 -0.83 0.00	43.48 -1.11 0.00	42.76 -1.14 0.00	43.19 -1.29 0.00	43.24 -1.38 0.00	47.33 -1.72 0.00	54.57 -2.22 0.01	74.53 -2.67 1.30	89.54 -3.13 2.24	85.54 -2.62 2.07	67.78 -2.92 0.51	54.38 -2.33 0.01	50.67 -1.73 0.01	47.47 -1.37 0.00
SMITHTWN_69_KV_BK 1 55830	46.63 1.75 0.00	45.93 1.98 0.00	43.78 1.76 0.00	42.97 1.73 0.00	44.76 1.72 0.00	47.58 1.07 0.00	54.68 1.89 19.80	80.94 4.33 19.58	56.75 2.16 25.45	47.71 1.11 6.44	48.14 1.85 0.00	46.47 1.87 0.00	46.10 2.20 0.00	46.35 1.87 0.00	47.12 2.50 0.00	50.71 1.67 0.00	58.66 1.87 0.01	73.30 1.65 6.85	93.57 2.56 3.90	86.82 2.17 5.58	72.88 1.78 0.11	58.24 1.53 0.00	52.86 0.94 0.49	49.71 0.88 0.01
SOUTH CAIRO___GT 23612	46.27 1.39 0.00	45.19 1.23 0.00	43.20 1.18 0.00	42.35 1.11 0.00	44.25 1.21 0.00	47.77 1.26 0.00	75.28 2.69 0.00	100.62 4.43 0.00	82.20 2.16 0.00	53.67 0.64 0.00	46.15 -0.14 0.00	44.38 -0.22 0.00	43.77 -0.13 0.00	44.44 -0.04 0.00	44.71 0.09 0.00	49.39 0.34 0.00	57.93 1.14 0.00	80.79 2.51 0.23	98.59 4.08 0.39	93.11 3.25 0.36	73.55 2.42 0.08	58.53 1.81 0.00	53.93 1.52 0.00	49.91 1.07 0.00
SOUTH HAMPTN___IC 23720	47.12 2.24 0.00	46.59 2.64 0.00	44.16 2.14 0.00	43.30 2.06 0.00	45.07 2.02 0.00	47.95 1.44 0.00	55.01 2.32 19.91	81.32 4.81 19.69	57.01 2.56 25.59	47.62 1.06 6.47	48.09 1.80 0.00	46.20 1.60 0.00	45.66 1.76 0.00	46.17 1.69 0.00	47.02 2.41 0.00	50.56 1.52 0.00	58.55 1.76 0.01	73.16 1.57 6.91	93.39 2.18 3.70	86.84 1.90 5.28	72.74 1.64 0.11	58.24 1.53 0.00	52.80 0.89 0.50	50.15 1.32 0.01
SOUTHDOW_115KV_TB1 355954	44.74 -0.13 0.00	44.39 0.44 0.00	42.44 0.42 0.00	41.20 -0.04 0.00	43.13 0.09 0.00	46.42 -0.09 0.00	70.56 -2.03 0.00	91.95 -4.23 0.01	75.61 -4.40 0.03	51.28 -1.75 0.00	45.27 -1.02 0.00	43.13 -1.47 0.00	42.32 -1.58 0.00	42.70 -1.78 0.00	42.61 -2.01 0.00	46.25 -2.80 0.00	53.98 -2.78 0.03	73.13 -3.93 1.45	88.81 -3.61 2.49	83.24 -4.69 2.29	66.70 -3.77 0.74	53.40 -3.29 0.03	48.93 -3.46 0.03	46.15 -2.69 0.00
SOUTHOLD_69_KV_BK 2 55809	47.52 2.65 0.00	46.86 2.90 0.00	44.58 2.56 0.00	43.67 2.43 0.00	45.41 2.37 0.00	48.14 1.63 0.00	55.44 2.76 19.91	81.80 5.29 19.69	57.34 2.88 25.59	47.83 1.27 6.47	48.37 2.08 0.00	46.60 2.01 0.00	46.36 2.46 0.00	46.44 1.96 0.00	47.25 2.63 0.00	50.95 1.91 0.00	58.95 2.16 0.01	73.24 1.65 6.92	93.57 2.37 3.71	86.84 1.89 5.28	72.67 1.57 0.11	58.01 1.30 0.00	52.65 0.73 0.50	49.76 0.93 0.01
SOUTHOLD___IC 23719	47.71 2.83 0.00	47.08 3.12 0.00	44.62 2.61 0.00	43.67 2.43 0.00	45.41 2.37 0.00	48.28 1.77 0.00	55.44 2.76 19.91	81.80 5.29 19.69	57.33 2.88 25.59	47.83 1.27 6.47	48.37 2.09 0.00	46.43 1.83 0.00	45.92 2.02 0.00	46.39 1.91 0.00	47.20 2.59 0.00	50.71 1.67 0.00	58.72 1.93 0.01	73.24 1.65 6.91	93.48 2.27 3.70	86.93 1.98 5.28	72.74 1.64 0.11	58.18 1.47 0.00	52.65 0.73 0.50	50.15 1.32 0.01
SOUTH_FORK_WT_PWR 323839	47.75 2.87 0.00	47.12 3.17 0.00	44.67 2.65 0.00	43.67 2.43 0.00	45.37 2.32 0.00	48.18 1.67 0.00	55.08 2.39 19.91	81.32 4.81 19.69	56.94 2.48 25.59	47.62 1.06 6.47	48.19 1.90 0.00	46.29 1.69 0.00	45.75 1.84 0.00	46.21 1.73 0.00	46.98 2.36 0.00	50.46 1.42 0.00	58.32 1.53 0.01	72.61 1.02 6.91	92.63 1.43 3.70	86.03 1.09 5.28	72.03 0.92 0.11	57.61 0.90 0.00	52.12 0.21 0.50	49.76 0.93 0.01
SPIERFLS_115KV_TB 1 80737	45.95 1.08 0.00	45.01 1.05 0.00	43.15 1.13 0.00	42.27 1.03 0.00	44.16 1.12 0.00	47.67 1.16 0.00	74.77 2.18 0.00	99.76 3.56 0.00	81.72 1.68 0.00	53.51 0.48 0.00	46.15 -0.14 0.00	44.51 -0.09 0.00	43.81 -0.09 0.00	44.44 -0.04 0.00	44.71 0.09 0.00	49.44 0.39 0.00	57.70 0.91 0.00	80.31 1.81 0.00	97.66 2.75 0.00	92.21 1.99 0.00	72.99 1.78 0.00	57.91 1.19 0.00	53.51 1.10 0.00	49.77 0.93 0.00
ST LAWRENCE____ 23600	45.15 0.27 0.00	44.27 0.31 0.00	42.32 0.30 0.00	41.57 0.33 0.00	43.35 0.30 0.00	46.88 0.37 0.00	73.03 0.44 0.00	95.72 -0.48 0.00	80.44 0.40 0.00	53.41 0.37 0.00	46.62 0.33 0.00	44.95 0.36 0.00	44.17 0.27 0.00	44.71 0.22 0.00	44.85 0.22 0.00	49.29 0.25 0.00	56.97 0.17 0.00	78.74 0.24 0.00	94.72 -0.19 0.00	90.41 0.18 0.00	71.36 0.14 0.00	56.89 0.17 0.00	52.67 0.26 0.00	49.08 0.25 0.00

STATE_CA_115KV_115_LB 55624	45.19 0.31 0.00	44.13 0.18 0.00	42.19 0.17 0.00	41.41 0.16 0.00	43.26 0.22 0.00	46.74 0.23 0.00	73.17 0.58 0.00	97.64 1.44 0.00	80.28 0.24 0.00	52.98 -0.05 0.00	45.97 -0.32 0.00	44.38 -0.22 0.00	43.77 -0.13 0.00	44.39 -0.09 0.00	44.67 0.04 0.00	49.24 0.20 0.00	57.25 0.45 0.00	79.21 0.71 0.00	96.04 1.14 0.00	90.77 0.54 0.00	71.85 0.64 0.00	57.17 0.45 0.00	52.67 0.26 0.00	48.94 0.10 0.00
STATE_ST_34_KV_LOAD 55959	44.79 -0.09 0.00	43.87 -0.09 0.00	41.93 -0.08 0.00	41.08 -0.16 0.00	42.91 -0.13 0.00	46.51 0.00 0.00	72.45 -0.15 0.00	96.59 0.38 0.00	79.65 -0.40 -0.01	52.77 -0.27 0.00	46.15 -0.14 0.00	44.24 -0.36 0.00	43.46 -0.44 0.00	44.08 -0.40 0.00	44.18 -0.45 0.00	48.50 -0.54 0.00	56.29 -0.51 -0.01	77.12 -0.47 0.91	93.16 -0.19 1.56	88.59 -0.18 1.46	70.62 -0.36 0.23	56.33 -0.40 -0.01	51.95 -0.47 -0.01	48.50 -0.34 0.00
STATION_5_MISC_HYD 23604	44.34 -0.54 0.00	43.52 -0.44 0.00	41.77 -0.25 0.00	40.75 -0.49 0.00	42.61 -0.43 0.00	46.05 -0.47 0.00	70.64 -1.96 0.00	93.11 -3.08 0.00	76.74 -3.29 0.01	51.60 -1.43 0.00	45.41 -0.88 0.00	43.53 -1.07 0.00	42.85 -1.05 0.00	43.24 -1.25 0.00	43.15 -1.47 0.00	47.18 -1.86 0.00	53.60 -3.18 0.01	73.66 -3.37 1.47	87.93 -4.46 2.52	83.93 -3.97 2.33	66.66 -3.92 0.63	53.58 -3.12 0.01	50.35 -2.04 0.01	47.32 -1.51 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	44.43 -0.45 0.00	43.65 -0.31 0.00	41.77 -0.25 0.00	40.79 -0.45 0.00	42.66 -0.39 0.00	46.23 -0.28 0.00	71.29 -1.31 0.00	94.37 -1.83 0.00	77.79 -2.24 0.01	51.97 -1.06 0.00	45.64 -0.65 0.00	43.66 -0.94 0.00	42.94 -0.97 0.00	43.33 -1.16 0.00	43.33 -1.29 0.00	47.47 -1.57 0.00	54.74 -2.04 0.01	74.86 -2.36 1.29	89.84 -2.85 2.22	85.75 -2.44 2.05	68.01 -2.63 0.56	54.60 -2.10 0.01	50.83 -1.57 0.01	47.67 -1.17 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	44.16 -0.72 0.00	43.43 -0.53 0.00	41.56 -0.46 0.00	40.54 -0.70 0.00	42.35 -0.69 0.00	45.86 -0.65 0.00	70.27 -2.32 0.00	92.73 -3.46 0.00	76.51 -3.52 0.01	51.39 -1.64 0.00	45.18 -1.11 0.00	43.22 -1.38 0.00	42.54 -1.36 0.00	42.88 -1.60 0.00	42.84 -1.78 0.00	46.89 -2.16 0.00	53.83 -2.95 0.01	73.43 -3.61 1.46	87.84 -4.56 2.51	84.21 -3.70 2.32	66.46 -4.13 0.63	53.53 -3.18 0.01	50.25 -2.15 0.01	47.18 -1.66 0.00
STA_56___34_KV_BUS2 355983	44.16 -0.72 0.00	43.43 -0.53 0.00	41.56 -0.46 0.00	40.54 -0.70 0.00	42.35 -0.69 0.00	45.86 -0.65 0.00	70.27 -2.32 0.00	92.73 -3.46 0.00	76.51 -3.52 0.01	51.39 -1.64 0.00	45.18 -1.11 0.00	43.22 -1.38 0.00	42.54 -1.36 0.00	42.88 -1.60 0.00	42.84 -1.78 0.00	46.89 -2.16 0.00	53.83 -2.95 0.01	73.43 -3.61 1.46	87.84 -4.56 2.51	84.21 -3.70 2.32	66.46 -4.13 0.63	53.53 -3.18 0.01	50.25 -2.15 0.01	47.18 -1.66 0.00
STA_67___115KV_BK2 355882	44.34 -0.54 0.00	43.65 -0.31 0.00	41.77 -0.25 0.00	40.70 -0.54 0.00	42.53 -0.52 0.00	46.05 -0.47 0.00	70.42 -2.18 0.00	92.92 -3.27 0.00	76.59 -3.44 0.01	51.55 -1.48 0.00	45.32 -0.97 0.00	43.31 -1.29 0.00	42.63 -1.27 0.00	43.01 -1.47 0.00	42.97 -1.65 0.00	46.98 -2.06 0.00	53.89 -2.90 0.01	73.49 -3.53 1.48	87.91 -4.46 2.54	84.28 -3.61 2.34	66.52 -4.06 0.63	53.58 -3.12 0.01	50.35 -2.04 0.01	47.33 -1.51 0.00
STA_7___115KV_9TRANS 80674	44.61 -0.27 0.00	43.91 -0.04 0.00	42.02 0.00 0.00	40.91 -0.33 0.00	42.78 -0.26 0.00	46.33 -0.19 0.00	70.92 -1.67 0.00	93.50 -2.69 0.00	77.15 -2.88 0.01	51.87 -1.17 0.00	45.64 -0.65 0.00	43.62 -0.98 0.00	42.94 -0.97 0.00	43.28 -1.20 0.00	43.19 -1.43 0.00	47.28 -1.77 0.00	54.23 -2.56 0.01	74.04 -2.98 1.47	88.58 -3.80 2.53	85.00 -2.89 2.34	67.02 -3.56 0.63	53.92 -2.78 0.01	50.67 -1.73 0.01	47.62 -1.22 0.00
STA_82___115KV_TB1 80780	44.38 -0.49 0.00	43.69 -0.26 0.00	41.81 -0.21 0.00	40.75 -0.49 0.00	42.57 -0.47 0.00	46.05 -0.47 0.00	70.49 -2.11 0.00	92.92 -3.27 0.00	76.59 -3.44 0.01	51.55 -1.48 0.00	45.32 -0.97 0.00	43.35 -1.25 0.00	42.63 -1.27 0.00	43.01 -1.47 0.00	42.97 -1.65 0.00	46.98 -2.06 0.00	53.89 -2.90 0.01	73.50 -3.53 1.47	87.92 -4.46 2.52	84.38 -3.52 2.33	66.52 -4.06 0.63	53.58 -3.12 0.01	50.41 -1.99 0.01	47.33 -1.51 0.00
STEEL___WIND 323596	43.80 -1.08 0.00	43.21 -0.75 0.00	41.56 -0.46 0.00	40.37 -0.87 0.00	42.22 -0.82 0.00	45.44 -1.07 0.00	68.09 -4.50 0.00	88.59 -7.60 0.01	73.05 -6.96 0.02	49.80 -3.24 0.00	44.02 -2.27 0.00	42.01 -2.59 0.00	41.27 -2.63 0.00	41.72 -2.76 0.00	41.59 -3.04 0.00	45.17 -3.88 0.00	51.77 -5.00 0.02	70.54 -6.51 1.45	84.92 -7.50 2.48	80.54 -7.40 2.29	64.32 -6.20 0.70	51.81 -4.88 0.02	48.14 -4.24 0.02	45.57 -3.27 0.00
STEPHTWN_115KV_BK_2 55603	45.33 0.45 0.00	44.31 0.35 0.00	42.31 0.29 0.00	41.53 0.29 0.00	43.39 0.34 0.00	46.93 0.42 0.00	73.54 0.94 0.00	98.12 1.92 0.00	80.60 0.56 0.00	53.14 0.11 0.00	46.11 -0.19 0.00	44.51 -0.09 0.00	43.86 -0.04 0.00	44.48 0.00 0.00	44.76 0.13 0.00	49.39 0.34 0.00	57.48 0.68 0.00	79.60 1.10 0.00	96.52 1.61 0.00	91.22 0.99 0.00	72.14 0.93 0.00	57.40 0.68 0.00	52.94 0.52 0.00	49.13 0.29 0.00
STEUBEN_REC_LFGE 323667	45.06 0.18 0.00	44.44 0.48 0.00	42.48 0.46 0.00	41.36 0.12 0.00	43.26 0.22 0.00	46.88 0.37 0.00	71.36 -1.23 0.00	92.90 -3.27 0.03	75.81 -4.16 0.07	50.91 -2.12 0.00	44.72 -1.57 0.00	42.50 -2.10 0.00	41.66 -2.24 0.00	42.12 -2.36 0.00	42.08 -2.54 0.00	45.81 -3.24 0.00	53.26 -3.46 0.07	72.85 -4.24 1.41	88.29 -4.18 2.44	83.42 -4.60 2.20	66.14 -3.92 1.15	53.41 -3.23 0.07	49.25 -3.09 0.07	46.64 -2.20 0.00
STILLWATER___SOLAR 323814	46.36 1.48 0.00	45.40 1.45 0.00	43.40 1.38 0.00	42.52 1.28 0.00	44.46 1.42 0.00	48.04 1.53 0.00	75.20 2.61 0.00	100.14 3.95 0.00	82.20 2.16 0.00	53.99 0.96 0.00	46.66 0.37 0.00	45.05 0.45 0.00	44.39 0.48 0.00	45.02 0.54 0.00	45.25 0.62 0.00	50.02 0.98 0.00	58.33 1.53 0.00	81.01 2.51 0.00	98.42 3.51 0.00	93.03 2.80 0.00	73.56 2.35 0.00	58.47 1.76 0.00	53.98 1.57 0.00	50.16 1.32 0.00
STONY___BROOK 24151	46.81 1.93 0.00	46.20 2.24 0.00	43.82 1.81 0.00	42.97 1.73 0.00	44.77 1.72 0.00	47.72 1.21 0.00	54.64 1.88 19.84	80.91 4.33 19.62	56.70 2.16 25.50	47.64 1.06 6.45	48.09 1.80 0.00	46.25 1.65 0.00	45.75 1.84 0.00	46.30 1.82 0.00	47.02 2.41 0.00	50.46 1.42 0.00	58.26 1.47 0.01	73.05 1.41 6.87	93.32 2.18 3.77	86.82 1.98 5.39	72.67 1.56 0.11	58.24 1.53 0.00	52.81 0.89 0.50	50.05 1.22 0.01
STURGEON_POOL_HYD 23609	46.72 1.84 0.00	45.63 1.67 0.00	43.49 1.47 0.00	42.81 1.57 0.00	44.59 1.55 0.00	48.05 1.53 0.00	75.79 3.19 0.00	102.07 5.87 0.00	83.16 3.12 0.00	54.99 1.96 0.00	47.96 1.67 0.00	46.21 1.61 0.00	45.57 1.67 0.00	46.22 1.73 0.00	46.41 1.78 0.00	50.86 1.81 0.00	59.07 2.27 0.00	81.30 3.06 0.26	98.82 4.37 0.45	93.60 3.79 0.42	74.04 2.92 0.09	58.98 2.27 0.00	54.35 1.94 0.00	50.45 1.61 0.00

ST_LAW_115_BK7_LBMP 345037	45.19 0.32 0.00	44.31 0.35 0.00	42.35 0.33 0.00	41.61 0.37 0.00	43.39 0.34 0.00	46.93 0.42 0.00	73.11 0.51 0.00	95.72 -0.48 0.00	80.52 0.48 0.00	53.45 0.42 0.00	46.66 0.37 0.00	45.00 0.40 0.00	44.21 0.31 0.00	44.75 0.27 0.00	44.89 0.27 0.00	49.29 0.25 0.00	57.02 0.23 0.00	78.74 0.24 0.00	94.72 -0.19 0.00	90.41 0.18 0.00	71.43 0.21 0.00	56.94 0.23 0.00	52.78 0.37 0.00	49.13 0.29 0.00
ST_LAW_115_BK8_LBMP 345038	45.19 0.32 0.00	44.31 0.35 0.00	42.35 0.33 0.00	41.61 0.37 0.00	43.39 0.34 0.00	46.93 0.42 0.00	73.11 0.51 0.00	95.72 -0.48 0.00	80.52 0.48 0.00	53.45 0.42 0.00	46.66 0.37 0.00	45.00 0.40 0.00	44.21 0.31 0.00	44.75 0.27 0.00	44.89 0.27 0.00	49.29 0.25 0.00	57.02 0.23 0.00	78.74 0.24 0.00	94.72 -0.19 0.00	90.41 0.18 0.00	71.43 0.21 0.00	56.94 0.23 0.00	52.78 0.37 0.00	49.13 0.29 0.00
ST_LAW_230_BK5_LBMP 345035	45.15 0.27 0.00	44.27 0.31 0.00	42.32 0.30 0.00	41.57 0.33 0.00	43.35 0.30 0.00	46.88 0.37 0.00	73.03 0.44 0.00	95.72 -0.48 0.00	80.44 0.40 0.00	53.41 0.37 0.00	46.62 0.33 0.00	44.95 0.36 0.00	44.17 0.27 0.00	44.71 0.22 0.00	44.85 0.22 0.00	49.29 0.25 0.00	56.97 0.17 0.00	78.74 0.24 0.00	94.72 -0.19 0.00	90.41 0.18 0.00	71.36 0.14 0.00	56.89 0.17 0.00	52.67 0.26 0.00	49.08 0.25 0.00
ST_LAW_230_BK6_LBMP 345036	45.15 0.27 0.00	44.27 0.31 0.00	42.32 0.30 0.00	41.57 0.33 0.00	43.35 0.30 0.00	46.88 0.37 0.00	73.03 0.44 0.00	95.72 -0.48 0.00	80.44 0.40 0.00	53.41 0.37 0.00	46.62 0.33 0.00	44.95 0.36 0.00	44.17 0.27 0.00	44.71 0.22 0.00	44.85 0.22 0.00	49.29 0.25 0.00	56.97 0.17 0.00	78.74 0.24 0.00	94.72 -0.19 0.00	90.41 0.18 0.00	71.36 0.14 0.00	56.89 0.17 0.00	52.67 0.26 0.00	49.08 0.25 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	46.54 1.66 0.00	45.54 1.58 0.00	43.36 1.34 0.00	42.68 1.44 0.00	44.51 1.46 0.00	47.95 1.44 0.00	75.57 2.98 0.00	101.78 5.58 0.00	83.08 3.04 0.00	55.05 2.02 0.00	48.14 1.85 0.00	46.43 1.83 0.00	45.83 1.93 0.00	46.44 1.96 0.00	46.67 2.05 0.00	51.10 2.06 0.00	59.18 2.39 0.00	81.28 3.06 0.28	98.69 4.27 0.49	93.57 3.79 0.45	74.11 2.99 0.10	58.98 2.27 0.00	54.30 1.89 0.00	50.50 1.66 0.00
SWANROAD_115KV_TB1 355699	43.75 -1.12 0.00	43.43 -0.53 0.00	41.56 -0.46 0.00	40.21 -1.03 0.00	42.01 -1.03 0.00	45.30 -1.21 0.00	66.06 -6.53 0.00	85.90 -10.29 0.01	70.73 -9.28 0.02	48.58 -4.45 0.00	43.00 -3.29 0.00	40.94 -3.66 0.00	40.21 -3.69 0.00	40.52 -3.96 0.00	40.47 -4.15 0.00	43.94 -5.10 0.00	50.07 -6.70 0.02	67.86 -9.18 1.46	81.10 -11.29 2.51	77.99 -9.93 2.32	61.23 -9.26 0.73	49.55 -7.15 0.02	47.04 -5.35 0.02	44.74 -4.10 0.00
SYNERGY___BIOGAS 323694	44.83 -0.04 0.00	44.35 0.40 0.00	42.48 0.46 0.00	41.20 -0.04 0.00	43.04 0.00 0.00	46.60 0.09 0.00	69.69 -2.90 0.00	91.38 -4.81 0.01	74.98 -5.04 0.02	50.91 -2.12 0.00	44.90 -1.39 0.00	42.73 -1.87 0.00	42.01 -1.89 0.00	42.30 -2.18 0.00	42.17 -2.45 0.00	45.95 -3.09 0.00	52.69 -4.09 0.02	72.01 -5.02 1.46	86.42 -5.98 2.51	82.86 -5.05 2.32	65.04 -5.48 0.68	52.39 -4.31 0.02	49.46 -2.94 0.02	46.79 -2.05 0.00
SYRACUSE___ENERGY_ST1 323597	44.52 -0.36 0.00	43.60 -0.35 0.00	41.68 -0.34 0.00	40.87 -0.37 0.00	42.70 -0.34 0.00	46.19 -0.33 0.00	72.01 -0.58 0.00	96.00 -0.19 0.00	79.40 -0.64 0.00	52.61 -0.42 0.00	45.97 -0.32 0.00	44.15 -0.45 0.00	43.42 -0.48 0.00	43.99 -0.49 0.00	44.13 -0.49 0.00	48.46 -0.59 0.00	56.11 -0.68 0.00	76.95 -0.86 0.69	92.97 -0.76 1.18	88.41 -0.72 1.09	70.26 -0.71 0.24	56.09 -0.62 0.00	51.78 -0.63 0.00	48.30 -0.54 0.00
SYRACUSE___ENERGY_ST2 323598	44.52 -0.36 0.00	43.60 -0.35 0.00	41.68 -0.34 0.00	40.87 -0.37 0.00	42.70 -0.34 0.00	46.19 -0.33 0.00	72.01 -0.58 0.00	96.00 -0.19 0.00	79.40 -0.64 0.00	52.61 -0.42 0.00	45.97 -0.32 0.00	44.15 -0.45 0.00	43.42 -0.48 0.00	43.99 -0.49 0.00	44.13 -0.49 0.00	48.46 -0.59 0.00	56.11 -0.68 0.00	76.95 -0.86 0.69	92.97 -0.76 1.18	88.41 -0.72 1.09	70.26 -0.71 0.24	56.09 -0.62 0.00	51.78 -0.63 0.00	48.30 -0.54 0.00
SYRACUSE___POWER 24017	44.43 -0.45 0.00	43.52 -0.44 0.00	41.60 -0.42 0.00	40.79 -0.45 0.00	42.61 -0.43 0.00	46.09 -0.42 0.00	71.87 -0.73 0.00	95.91 -0.29 0.00	79.01 -1.04 -0.01	52.34 -0.69 0.00	45.74 -0.56 0.00	43.93 -0.67 0.00	43.24 -0.66 0.00	43.82 -0.67 0.00	43.95 -0.67 0.00	48.26 -0.78 0.00	55.95 -0.85 -0.01	75.70 -1.10 1.70	90.94 -1.04 2.92	86.52 -0.99 2.72	69.75 -0.93 0.54	55.87 -0.85 -0.01	51.63 -0.79 -0.01	48.11 -0.73 0.00
TALLMAN__138KV_BK151 55660	46.67 1.80 0.00	45.63 1.67 0.00	43.45 1.43 0.00	42.81 1.57 0.00	44.59 1.55 0.00	48.09 1.58 0.00	75.86 3.27 0.00	102.26 6.06 0.00	83.40 3.36 0.00	55.31 2.28 0.00	48.42 2.13 0.00	46.74 2.14 0.00	46.14 2.24 0.00	46.75 2.27 0.00	46.99 2.36 0.00	51.40 2.35 0.00	59.52 2.73 0.00	81.68 3.45 0.28	99.17 4.75 0.48	94.02 4.24 0.45	74.39 3.28 0.10	59.27 2.55 0.00	54.51 2.10 0.00	50.70 1.86 0.00
TEALLAVE_115KV_TB7 355573	44.25 -0.63 0.00	43.38 -0.57 0.00	41.43 -0.59 0.00	40.62 -0.62 0.00	42.44 -0.60 0.00	45.95 -0.56 0.00	71.50 -1.09 0.00	95.33 -0.87 0.00	78.84 -1.20 0.00	52.29 -0.74 0.00	45.69 -0.60 0.00	43.89 -0.71 0.00	43.16 -0.75 0.00	43.73 -0.76 0.00	43.86 -0.76 0.00	48.16 -0.88 0.00	55.77 -1.02 0.00	75.70 -1.33 1.47	90.96 -1.42 2.52	86.53 -1.35 2.34	69.49 -1.21 0.51	55.69 -1.02 0.00	51.47 -0.94 0.00	48.01 -0.83 0.00
TELGRAPH_34_KV_EAST 80808	44.34 -0.54 0.00	43.91 -0.04 0.00	42.02 0.00 0.00	40.75 -0.49 0.00	42.53 -0.52 0.00	45.95 -0.56 0.00	68.17 -4.43 0.00	88.98 -7.21 0.01	73.14 -6.88 0.02	49.96 -3.08 0.00	44.12 -2.18 0.00	42.01 -2.59 0.00	41.27 -2.63 0.00	41.59 -2.89 0.00	41.50 -3.12 0.00	45.17 -3.87 0.00	51.61 -5.17 0.02	70.29 -6.75 1.46	84.14 -8.26 2.51	80.78 -7.13 2.32	63.47 -7.05 0.70	51.19 -5.50 0.02	48.46 -3.93 0.02	45.91 -2.93 0.00
TEMPLE___115KV_TB 2 55572	44.29 -0.58 0.00	43.38 -0.57 0.00	41.47 -0.55 0.00	40.62 -0.62 0.00	42.44 -0.60 0.00	45.95 -0.56 0.00	71.58 -1.02 0.00	95.43 -0.77 0.00	78.92 -1.12 0.00	52.29 -0.74 0.00	45.74 -0.56 0.00	43.93 -0.67 0.00	43.20 -0.70 0.00	43.77 -0.71 0.00	43.91 -0.71 0.00	48.21 -0.83 0.00	55.83 -0.97 0.00	75.70 -1.26 1.55	90.92 -1.33 2.66	86.50 -1.26 2.47	69.47 -1.21 0.53	55.75 -0.96 0.00	51.52 -0.89 0.00	48.01 -0.83 0.00
TIANA____69_KV_BK 1 55817	46.81 1.93 0.00	46.24 2.29 0.00	43.99 1.97 0.00	43.18 1.94 0.00	44.98 1.94 0.00	47.67 1.16 0.00	54.94 2.25 19.91	81.22 4.71 19.69	56.93 2.48 25.59	47.57 1.01 6.47	48.05 1.76 0.00	46.29 1.69 0.00	46.05 2.15 0.00	46.17 1.69 0.00	47.03 2.41 0.00	50.81 1.77 0.00	58.78 1.99 0.01	73.16 1.57 6.92	93.48 2.28 3.71	86.75 1.80 5.28	72.74 1.64 0.11	58.13 1.42 0.00	52.86 0.94 0.50	49.81 0.98 0.01

TILDEN___115KV_TB1 80814	44.43 -0.45 0.00	43.52 -0.44 0.00	41.60 -0.42 0.00	40.79 -0.45 0.00	42.61 -0.43 0.00	46.09 -0.42 0.00	71.87 -0.73 0.00	95.91 -0.29 0.00	79.01 -1.04 -0.01	52.34 -0.69 0.00	45.74 -0.56 0.00	43.93 -0.67 0.00	43.24 -0.66 0.00	43.82 -0.67 0.00	43.95 -0.67 0.00	48.26 -0.78 0.00	55.95 -0.85 -0.01	75.70 -1.10 1.70	90.94 -1.04 2.92	86.52 -0.99 2.72	69.75 -0.93 0.54	55.87 -0.85 -0.01	51.63 -0.79 -0.01	48.11 -0.73 0.00
TRIGEN___CC 323695	46.72 1.84 0.00	45.85 1.89 0.00	43.66 1.64 0.00	42.93 1.69 0.00	44.72 1.68 0.00	47.86 1.35 0.00	59.09 2.40 15.89	85.48 5.00 15.72	62.25 2.64 20.43	49.62 1.75 5.17	48.58 2.27 -0.02	46.76 2.14 -0.02	46.27 2.37 0.00	46.73 2.22 -0.02	47.27 2.63 -0.02	51.07 2.01 -0.02	59.12 2.33 0.01	79.50 2.83 1.82	97.73 3.89 1.07	92.33 3.43 1.32	73.82 2.71 0.10	59.00 2.27 -0.02	53.86 1.57 0.12	50.20 1.37 0.01
TRINITY___115KV___4 BK 55933	44.92 0.04 0.00	43.91 -0.04 0.00	41.93 -0.08 0.00	41.20 -0.04 0.00	43.00 -0.04 0.00	46.46 -0.05 0.00	72.74 0.15 0.00	96.97 0.77 0.00	79.80 -0.24 0.00	52.66 -0.37 0.00	45.74 -0.56 0.00	44.20 -0.40 0.00	43.59 -0.31 0.00	44.22 -0.27 0.00	44.44 -0.18 0.00	48.99 -0.05 0.00	56.97 0.17 0.00	78.74 0.24 0.00	95.47 0.57 0.00	90.23 0.00 0.00	71.43 0.21 0.00	56.88 0.17 0.00	52.41 0.00 0.00	48.69 -0.15 0.00
UNION___PROCESSING_DRP 323587	44.38 -0.49 0.00	43.69 -0.26 0.00	41.81 -0.21 0.00	40.75 -0.49 0.00	42.57 -0.47 0.00	46.09 -0.42 0.00	70.49 -2.11 0.00	92.92 -3.27 0.00	76.59 -3.44 0.01	51.55 -1.48 0.00	45.32 -0.97 0.00	43.35 -1.25 0.00	42.63 -1.27 0.00	43.01 -1.47 0.00	42.97 -1.65 0.00	46.98 -2.06 0.00	53.89 -2.90 0.01	73.50 -3.53 1.47	87.92 -4.46 2.52	84.38 -3.52 2.33	66.52 -4.06 0.63	53.58 -3.12 0.01	50.41 -1.99 0.01	47.37 -1.47 0.00
UPPER HUDSON___HYD 24058	46.00 1.12 0.00	45.10 1.14 0.00	43.15 1.13 0.00	42.27 1.03 0.00	44.16 1.12 0.00	47.67 1.16 0.00	74.77 2.18 0.00	99.76 3.56 0.00	81.72 1.68 0.00	53.51 0.48 0.00	46.15 -0.14 0.00	44.51 -0.09 0.00	43.81 -0.09 0.00	44.44 -0.04 0.00	44.67 0.04 0.00	49.43 0.39 0.00	57.70 0.91 0.00	80.31 1.81 0.00	97.66 2.75 0.00	92.31 2.08 0.00	72.99 1.78 0.00	57.91 1.19 0.00	53.51 1.10 0.00	49.76 0.93 0.00
UPPER RAQUET___HYD 24056	46.36 1.48 0.00	45.58 1.63 0.00	43.53 1.51 0.00	42.81 1.57 0.00	44.64 1.59 0.00	48.37 1.86 0.00	75.20 2.61 0.00	98.12 1.92 0.00	82.60 2.56 0.00	54.62 1.59 0.00	47.68 1.39 0.00	45.98 1.38 0.00	45.13 1.23 0.00	45.68 1.20 0.00	45.69 1.07 0.00	50.27 1.23 0.00	57.87 1.08 0.00	79.68 1.18 0.00	95.10 0.19 0.00	91.49 1.26 0.00	72.35 1.14 0.00	58.19 1.47 0.00	54.09 1.68 0.00	50.45 1.61 0.00
VALLEY44_115KV_TB2 355964	43.44 -1.44 0.00	43.08 -0.88 0.00	41.14 -0.88 0.00	40.04 -1.20 0.00	41.84 -1.21 0.00	45.02 -1.49 0.00	68.38 -4.21 0.00	88.97 -7.21 0.01	73.69 -6.32 0.03	49.69 -3.34 0.00	43.88 -2.41 0.00	41.83 -2.77 0.00	41.00 -2.90 0.00	41.41 -3.07 0.00	41.32 -3.30 0.00	44.78 -4.27 0.00	53.41 -3.35 0.03	72.03 -5.02 1.44	88.43 -3.99 2.49	81.81 -6.14 2.29	67.12 -3.35 0.75	53.56 -3.12 0.03	47.82 -4.56 0.03	45.27 -3.57 0.00
VALLEY___115KV_TB 1-4 80826	46.13 1.26 0.00	45.23 1.27 0.00	43.24 1.22 0.00	42.44 1.20 0.00	44.33 1.29 0.00	47.91 1.40 0.00	74.92 2.32 0.00	99.56 3.37 0.00	82.36 2.32 0.00	54.41 1.38 0.00	47.54 1.25 0.00	45.76 1.16 0.00	45.00 1.10 0.00	45.73 1.25 0.00	45.74 1.12 0.00	50.37 1.32 0.00	58.44 1.65 0.00	80.70 2.20 0.00	97.66 2.75 0.00	92.66 2.44 0.00	72.99 1.78 0.00	58.13 1.42 0.00	53.56 1.15 0.00	49.91 1.07 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	46.45 1.57 0.00	45.58 1.63 0.00	43.57 1.55 0.00	42.77 1.53 0.00	44.68 1.64 0.00	48.28 1.77 0.00	75.79 3.19 0.00	101.59 5.39 0.00	83.40 3.36 0.00	54.84 1.80 0.00	47.82 1.53 0.00	45.98 1.38 0.00	45.17 1.27 0.00	45.95 1.47 0.00	45.87 1.25 0.00	50.66 1.62 0.00	58.95 2.16 0.00	80.70 2.90 0.71	97.78 4.08 1.21	92.80 3.70 1.13	73.87 2.85 0.19	58.93 2.21 0.00	54.14 1.73 0.00	50.50 1.66 0.00
VISCHER___FERRY HYD 24020	46.04 1.16 0.00	44.97 1.01 0.00	42.94 0.92 0.00	42.15 0.91 0.00	44.03 0.99 0.00	47.58 1.07 0.00	74.41 1.82 0.00	98.99 2.79 0.00	81.40 1.36 0.00	53.67 0.64 0.00	46.57 0.28 0.00	45.00 0.40 0.00	44.34 0.44 0.00	44.93 0.44 0.00	45.20 0.58 0.00	49.97 0.93 0.00	58.22 1.42 0.00	80.54 2.04 0.00	97.66 2.75 0.00	92.39 2.16 0.00	73.06 1.85 0.00	58.13 1.42 0.00	53.62 1.21 0.00	49.82 0.98 0.00
V_A_10_SYNC_DSASP 323832	43.75 -1.12 0.00	43.30 -0.66 0.00	41.43 -0.59 0.00	40.21 -1.03 0.00	41.97 -1.08 0.00	45.30 -1.21 0.00	67.73 -4.86 0.00	88.30 -7.89 0.01	72.58 -7.44 0.02	49.74 -3.29 0.00	43.98 -2.31 0.00	41.88 -2.72 0.00	41.18 -2.72 0.00	41.55 -2.94 0.00	41.50 -3.12 0.00	45.12 -3.92 0.00	51.04 -5.74 0.02	69.33 -7.69 1.48	82.59 -9.78 2.54	79.95 -7.94 2.34	62.40 -8.12 0.69	50.51 -6.18 0.02	48.25 -4.14 0.02	45.81 -3.03 0.00
V_CMM_10_SYNC_DSASP 323787	45.42 0.54 0.00	44.53 0.57 0.00	42.57 0.55 0.00	41.82 0.58 0.00	43.60 0.56 0.00	47.21 0.70 0.00	73.46 0.87 0.00	96.20 0.00 0.00	80.92 0.88 0.00	53.67 0.64 0.00	46.85 0.56 0.00	45.22 0.62 0.00	44.43 0.53 0.00	44.93 0.44 0.00	45.02 0.40 0.00	49.49 0.44 0.00	57.14 0.34 0.00	79.05 0.55 0.00	94.90 0.00 0.00	90.68 0.45 0.00	71.78 0.57 0.00	57.17 0.45 0.00	52.99 0.58 0.00	49.43 0.59 0.00
V_CMP_10_SYNC_DSASP 323788	45.77 0.90 0.00	44.92 0.97 0.00	42.90 0.88 0.00	42.23 0.99 0.00	43.99 0.95 0.00	47.35 0.84 0.00	72.81 0.22 0.00	95.42 -0.77 0.00	80.28 0.24 0.00	53.56 0.53 0.00	46.99 0.70 0.00	45.31 0.71 0.00	44.47 0.57 0.00	44.97 0.49 0.00	45.07 0.45 0.00	49.53 0.49 0.00	56.97 0.17 0.00	78.42 -0.08 0.00	94.25 -0.66 0.00	90.23 0.00 0.00	71.07 -0.14 0.00	56.83 0.11 0.00	53.09 0.68 0.00	49.38 0.54 0.00
V_D_10_SYNC_DSASP 323841	45.86 0.99 0.00	44.97 1.01 0.00	42.99 0.97 0.00	42.27 1.03 0.00	44.03 0.99 0.00	47.72 1.21 0.00	74.26 1.67 0.00	96.88 0.68 0.00	81.72 1.68 0.00	54.20 1.17 0.00	47.31 1.02 0.00	45.63 1.03 0.00	44.82 0.92 0.00	45.33 0.84 0.00	45.43 0.80 0.00	49.88 0.83 0.00	57.70 0.91 0.00	79.75 1.25 0.00	95.48 0.57 0.00	91.67 1.44 0.00	72.35 1.14 0.00	57.74 1.02 0.00	53.51 1.10 0.00	49.82 0.98 0.00
V_E_10_SYNC_DSASP 323830	47.61 2.74 0.00	46.81 2.86 0.00	44.75 2.73 0.00	43.84 2.60 0.00	45.97 2.93 0.00	50.04 3.53 0.00	78.84 6.24 0.00	105.74 9.53 -0.01	86.63 6.56 -0.03	55.89 2.86 0.00	48.60 2.31 0.00	46.43 1.83 0.00	45.35 1.45 0.00	46.39 1.91 0.00	46.05 1.43 0.00	51.30 2.26 0.00	60.29 3.46 -0.03	82.90 5.49 1.10	100.92 7.87 1.85	95.95 7.48 1.76	76.66 5.48 0.03	60.72 3.97 -0.03	55.37 2.93 -0.03	51.72 2.88 0.00

V_F_30_NSYNC___DSASP 323816	46.40 1.53 0.00	45.45 1.50 0.00	43.45 1.43 0.00	42.56 1.32 0.00	44.51 1.46 0.00	48.09 1.58 0.00	75.28 2.69 0.00	100.33 4.13 0.00	82.36 2.32 0.00	54.09 1.06 0.00	46.80 0.51 0.00	45.14 0.54 0.00	44.43 0.53 0.00	45.06 0.58 0.00	45.33 0.71 0.00	50.12 1.08 0.00	58.38 1.59 0.00	81.09 2.59 0.00	98.51 3.61 0.00	93.12 2.89 0.00	73.63 2.42 0.00	58.53 1.81 0.00	53.98 1.57 0.00	50.26 1.42 0.00
V_F_30_SYNC_DSASP 323786	45.15 0.27 0.00	44.13 0.18 0.00	42.19 0.17 0.00	41.41 0.16 0.00	43.26 0.22 0.00	46.74 0.23 0.00	73.17 0.58 0.00	97.64 1.44 0.00	80.28 0.24 0.00	52.93 -0.11 0.00	45.97 -0.32 0.00	44.38 -0.22 0.00	43.77 -0.13 0.00	44.39 -0.09 0.00	44.62 0.00 0.00	49.24 0.20 0.00	57.25 0.45 0.00	79.21 0.71 0.00	96.04 1.14 0.00	90.77 0.54 0.00	71.85 0.64 0.00	57.17 0.45 0.00	52.67 0.26 0.00	48.94 0.10 0.00
V_XM_10_SYNC_DSASP 323789	45.77 0.90 0.00	44.92 0.97 0.00	42.90 0.88 0.00	42.23 0.99 0.00	43.99 0.95 0.00	47.35 0.84 0.00	72.81 0.22 0.00	95.42 -0.77 0.00	80.28 0.24 0.00	53.56 0.53 0.00	46.99 0.70 0.00	45.31 0.71 0.00	44.47 0.57 0.00	44.97 0.49 0.00	45.07 0.45 0.00	49.53 0.49 0.00	56.97 0.17 0.00	78.42 -0.08 0.00	94.25 -0.66 0.00	90.23 0.00 0.00	71.07 -0.14 0.00	56.83 0.11 0.00	53.09 0.68 0.00	49.38 0.54 0.00
W.BABYLN_69_KV_BK1 56697	47.12 2.24 0.00	46.33 2.37 0.00	44.12 2.10 0.00	43.34 2.10 0.00	45.15 2.11 0.00	48.19 1.67 0.00	56.36 2.25 18.48	82.64 4.71 18.28	58.61 2.32 23.75	48.40 1.38 6.01	48.65 2.36 0.00	46.88 2.27 0.00	46.45 2.55 0.00	46.80 2.31 0.00	47.48 2.86 0.00	51.15 2.11 0.00	59.29 2.50 0.01	75.15 2.51 5.87	96.41 4.18 2.67	90.12 3.61 3.72	74.02 2.92 0.11	59.21 2.50 0.00	53.35 1.36 0.42	50.40 1.56 0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.85 1.97 0.00	45.80 1.85 0.00	43.62 1.60 0.00	42.93 1.69 0.00	44.72 1.68 0.00	48.23 1.72 0.00	76.15 3.56 0.00	102.64 6.45 0.00	83.88 3.84 0.00	55.63 2.60 0.00	48.65 2.36 0.00	46.96 2.36 0.00	46.36 2.46 0.00	46.97 2.49 0.00	47.21 2.59 0.00	51.59 2.55 0.00	59.75 2.95 0.00	82.07 3.85 0.28	99.65 5.22 0.48	94.48 4.69 0.44	74.75 3.63 0.10	59.49 2.78 0.00	54.77 2.36 0.00	50.89 2.05 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.99 2.11 0.00	45.89 1.93 0.00	43.66 1.64 0.00	43.01 1.77 0.00	44.81 1.76 0.00	48.37 1.86 0.00	76.44 3.85 0.00	103.12 6.93 0.00	84.36 4.32 0.00	56.00 2.97 0.00	49.02 2.73 0.00	47.36 2.77 0.00	46.76 2.85 0.00	47.37 2.89 0.00	47.66 3.03 0.00	52.08 3.04 0.00	60.32 3.52 0.00	82.63 4.40 0.27	100.23 5.79 0.47	94.94 5.14 0.43	75.18 4.06 0.09	59.83 3.12 0.00	55.08 2.67 0.00	51.18 2.34 0.00
W50THST__13_KV_LOAD 356117	47.17 2.29 0.00	46.07 2.11 0.00	43.83 1.81 0.00	43.18 1.94 0.00	44.98 1.94 0.00	48.60 2.09 0.00	76.80 4.21 0.00	103.60 7.41 0.00	84.76 4.72 0.00	56.27 3.23 0.00	49.30 3.01 0.00	47.59 2.99 0.00	46.97 3.07 0.00	47.60 3.11 0.00	47.88 3.26 0.00	52.33 3.29 0.00	60.60 3.81 0.00	83.02 4.79 0.27	100.61 6.17 0.47	95.39 5.59 0.43	75.46 4.34 0.09	60.06 3.35 0.00	55.29 2.88 0.00	51.38 2.54 0.00
WADING RIVER_IC_1 23522	46.67 1.80 0.00	46.15 2.20 0.00	43.78 1.76 0.00	42.93 1.69 0.00	44.72 1.68 0.00	47.58 1.07 0.00	54.50 1.82 19.91	80.64 4.13 19.69	56.53 2.08 25.59	47.25 0.69 6.47	47.72 1.44 0.00	45.84 1.25 0.00	45.35 1.45 0.00	45.90 1.42 0.00	46.80 2.19 0.00	50.36 1.32 0.00	58.21 1.42 0.01	72.76 1.18 6.92	92.81 1.61 3.71	86.38 1.44 5.29	72.45 1.35 0.11	58.07 1.36 0.00	52.70 0.79 0.50	50.00 1.17 0.01
WADING RIVER_IC_2 23547	46.67 1.80 0.00	46.15 2.20 0.00	43.78 1.76 0.00	42.93 1.69 0.00	44.72 1.68 0.00	47.58 1.07 0.00	54.50 1.82 19.91	80.64 4.13 19.69	56.53 2.08 25.59	47.25 0.69 6.47	47.72 1.44 0.00	45.84 1.25 0.00	45.35 1.45 0.00	45.90 1.42 0.00	46.80 2.19 0.00	50.36 1.32 0.00	58.21 1.42 0.01	72.76 1.18 6.92	92.81 1.61 3.71	86.38 1.44 5.29	72.45 1.35 0.11	58.07 1.36 0.00	52.70 0.79 0.50	50.00 1.17 0.01
WADING RIVER_IC_3 23601	46.67 1.80 0.00	46.15 2.20 0.00	43.78 1.76 0.00	42.93 1.69 0.00	44.72 1.68 0.00	47.58 1.07 0.00	54.50 1.82 19.91	80.64 4.13 19.69	56.53 2.08 25.59	47.25 0.69 6.47	47.72 1.44 0.00	45.84 1.25 0.00	45.35 1.45 0.00	45.90 1.42 0.00	46.80 2.19 0.00	50.36 1.32 0.00	58.21 1.42 0.01	72.76 1.18 6.92	92.81 1.61 3.71	86.38 1.44 5.29	72.45 1.35 0.11	58.07 1.36 0.00	52.70 0.79 0.50	50.00 1.17 0.01
WALDENNY_12_KV_BK2 80841	44.07 -0.81 0.00	43.69 -0.26 0.00	41.81 -0.21 0.00	40.54 -0.70 0.00	42.31 -0.73 0.00	45.63 -0.88 0.00	68.09 -4.50 0.00	88.69 -7.50 0.01	73.05 -6.96 0.02	49.90 -3.13 0.00	44.07 -2.22 0.00	41.97 -2.63 0.00	41.22 -2.68 0.00	41.59 -2.89 0.00	41.54 -3.08 0.00	45.12 -3.92 0.00	52.11 -4.66 0.03	70.53 -6.52 1.45	85.00 -7.40 2.50	80.80 -7.13 2.30	64.16 -6.34 0.71	51.64 -5.05 0.03	48.19 -4.19 0.02	45.66 -3.17 0.00
WALDEN__HYDRO 24148	46.72 1.84 0.00	45.67 1.71 0.00	43.49 1.47 0.00	42.85 1.61 0.00	44.64 1.59 0.00	48.14 1.63 0.00	75.86 3.27 0.00	102.26 6.06 0.00	83.40 3.36 0.00	55.21 2.17 0.00	48.19 1.90 0.00	46.47 1.87 0.00	45.88 1.98 0.00	46.48 2.00 0.00	46.72 2.10 0.00	51.15 2.11 0.00	59.35 2.56 0.00	81.60 3.38 0.28	99.17 4.75 0.48	94.03 4.24 0.44	74.39 3.28 0.10	59.21 2.50 0.00	54.51 2.10 0.00	50.65 1.81 0.00
WARRENSBURG____ 23737	45.95 1.08 0.00	45.01 1.05 0.00	43.15 1.13 0.00	42.27 1.03 0.00	44.16 1.12 0.00	47.67 1.16 0.00	74.77 2.18 0.00	99.76 3.56 0.00	81.72 1.68 0.00	53.51 0.48 0.00	46.15 -0.14 0.00	44.51 -0.09 0.00	43.81 -0.09 0.00	44.44 -0.04 0.00	44.71 0.09 0.00	49.44 0.39 0.00	57.70 0.91 0.00	80.31 1.81 0.00	97.66 2.75 0.00	92.21 1.99 0.00	72.99 1.78 0.00	57.91 1.19 0.00	53.51 1.10 0.00	49.77 0.93 0.00
WATERSIDE____6 8 9 23538	47.21 2.33 0.00	46.11 2.15 0.00	43.87 1.85 0.00	43.22 1.98 0.00	45.02 1.98 0.00	48.60 2.09 0.00	76.37 3.77 0.00	103.12 6.93 0.00	84.04 4.00 0.00	56.06 3.02 0.00	49.02 2.73 0.00	47.36 2.77 0.00	46.80 2.90 0.00	47.37 2.89 0.00	47.70 3.08 0.00	52.18 3.14 0.00	60.20 3.41 0.00	82.07 3.85 0.28	99.37 4.94 0.47	94.22 4.42 0.43	74.53 3.42 0.10	59.89 3.18 0.00	55.29 2.88 0.00	51.38 2.54 0.00
WATKINRD_115KV_LN8_ILLION 55919	45.73 0.85 0.00	44.83 0.88 0.00	42.86 0.84 0.00	42.06 0.82 0.00	43.95 0.90 0.00	47.44 0.93 0.00	74.19 1.60 0.00	98.70 2.50 0.00	81.64 1.60 0.00	53.93 0.90 0.00	47.12 0.83 0.00	45.36 0.76 0.00	44.65 0.75 0.00	45.28 0.80 0.00	45.38 0.76 0.00	49.98 0.93 0.00	57.93 1.14 0.00	80.07 1.57 0.00	96.90 1.99 0.00	91.94 1.71 0.00	72.49 1.28 0.00	57.74 1.02 0.00	53.25 0.84 0.00	49.57 0.73 0.00

WDELAWARE___HYD 323627	47.12 2.24 0.00	46.07 2.11 0.00	43.91 1.89 0.00	43.18 1.94 0.00	44.98 1.94 0.00	48.56 2.04 0.00	76.58 3.99 0.00	103.13 6.93 0.00	84.36 4.32 0.00	55.53 2.49 0.00	48.33 2.03 0.00	46.47 1.87 0.00	45.83 1.93 0.00	46.53 2.05 0.00	46.68 2.05 0.00	51.15 2.11 0.00	59.69 2.90 0.00	82.22 4.00 0.28	100.02 5.60 0.49	95.01 5.23 0.45	75.03 3.91 0.10	59.72 3.00 0.00	54.93 2.52 0.00	51.04 2.20 0.00
WEST BABYLON___IC 23714	47.12 2.24 0.00	46.33 2.37 0.00	44.12 2.10 0.00	43.34 2.10 0.00	45.15 2.11 0.00	48.19 1.67 0.00	56.36 2.25 18.48	82.64 4.71 18.28	58.61 2.32 23.75	48.40 1.38 6.01	48.65 2.36 0.00	46.88 2.27 0.00	46.45 2.55 0.00	46.80 2.31 0.00	47.48 2.86 0.00	51.15 2.11 0.00	59.29 2.50 0.01	75.15 2.51 5.87	96.41 4.18 2.67	90.12 3.61 3.72	74.02 2.92 0.11	59.21 2.50 0.00	53.35 1.36 0.42	50.40 1.56 0.01
WEST CANADA___HYD 24049	45.01 0.14 0.00	44.09 0.13 0.00	42.15 0.13 0.00	41.32 0.08 0.00	43.17 0.13 0.00	46.60 0.09 0.00	72.89 0.29 0.00	96.88 0.68 0.00	80.20 0.16 0.00	53.09 0.05 0.00	46.29 0.00 0.00	44.60 0.00 0.00	43.90 0.00 0.00	44.53 0.04 0.00	44.67 0.04 0.00	49.14 0.10 0.00	56.97 0.17 0.00	78.74 0.24 0.00	95.29 0.38 0.00	90.50 0.27 0.00	71.43 0.21 0.00	56.89 0.17 0.00	52.52 0.11 0.00	48.94 0.10 0.00
WESTERN_NY_WIND 24143	44.79 -0.09 0.00	44.35 0.40 0.00	42.44 0.42 0.00	41.16 -0.08 0.00	43.00 -0.04 0.00	46.56 0.05 0.00	69.54 -3.05 0.00	91.09 -5.10 0.01	74.74 -5.28 0.02	50.81 -2.23 0.00	44.81 -1.48 0.00	42.64 -1.96 0.00	41.93 -1.98 0.00	42.21 -2.27 0.00	42.08 -2.54 0.00	45.86 -3.19 0.00	52.52 -4.26 0.02	71.78 -5.26 1.46	86.13 -6.26 2.51	82.68 -5.23 2.32	64.83 -5.70 0.69	52.27 -4.42 0.02	49.35 -3.04 0.02	46.69 -2.15 0.00
WESTOVER___LESR 323668	45.01 0.13 0.00	44.22 0.26 0.00	42.27 0.25 0.00	41.36 0.12 0.00	43.22 0.17 0.00	46.70 0.19 0.00	72.45 -0.15 0.00	96.68 0.48 0.00	79.47 -0.56 0.01	52.87 -0.16 0.00	46.29 0.00 0.00	44.38 -0.22 0.00	43.64 -0.26 0.00	44.22 -0.27 0.00	44.31 -0.31 0.00	48.50 -0.54 0.00	56.39 -0.40 0.01	76.78 -0.47 1.26	92.75 0.00 2.16	87.96 -0.27 2.00	70.50 -0.21 0.50	56.42 -0.28 0.01	51.83 -0.58 0.01	48.55 -0.29 0.00
WETHRSFD_WT_PWR 323626	44.02 -0.85 0.00	43.34 -0.62 0.00	41.68 -0.34 0.00	40.54 -0.70 0.00	42.40 -0.64 0.00	45.63 -0.89 0.00	68.82 -3.78 0.00	89.36 -6.83 0.01	73.28 -6.72 0.03	49.59 -3.45 0.00	43.65 -2.64 0.00	41.70 -2.90 0.00	40.96 -2.94 0.00	41.41 -3.07 0.00	41.27 -3.35 0.00	44.88 -4.17 0.00	51.59 -5.17 0.03	70.56 -6.51 1.42	84.96 -7.50 2.45	80.58 -7.40 2.25	64.29 -6.12 0.80	51.75 -4.93 0.03	48.08 -4.30 0.03	45.52 -3.32 0.00
WHAVSTOR_138KV_BK127 55557	46.63 1.75 0.00	45.58 1.63 0.00	43.41 1.39 0.00	42.77 1.53 0.00	44.55 1.51 0.00	48.05 1.53 0.00	75.79 3.19 0.00	102.07 5.87 0.00	83.32 3.28 0.00	55.26 2.23 0.00	48.37 2.08 0.00	46.74 2.14 0.00	46.10 2.20 0.00	46.71 2.22 0.00	46.99 2.36 0.00	51.35 2.31 0.00	59.47 2.67 0.00	81.60 3.38 0.28	99.08 4.65 0.48	93.94 4.15 0.44	74.32 3.20 0.10	59.21 2.50 0.00	54.46 2.04 0.00	50.65 1.81 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	46.63 1.75 0.00	45.58 1.63 0.00	43.41 1.39 0.00	42.77 1.53 0.00	44.55 1.51 0.00	48.05 1.53 0.00	75.79 3.19 0.00	102.07 5.87 0.00	83.32 3.28 0.00	55.26 2.23 0.00	48.37 2.08 0.00	46.74 2.14 0.00	46.10 2.20 0.00	46.71 2.22 0.00	46.99 2.36 0.00	51.35 2.31 0.00	59.47 2.67 0.00	81.60 3.38 0.28	99.08 4.65 0.48	93.94 4.15 0.44	74.32 3.20 0.10	59.21 2.50 0.00	54.46 2.04 0.00	50.65 1.81 0.00
WHITEHAL_115KV_TB1 80871	46.76 1.88 0.00	45.80 1.85 0.00	43.91 1.89 0.00	42.97 1.73 0.00	44.98 1.94 0.00	48.65 2.14 0.00	76.37 3.77 0.00	101.97 5.77 0.00	83.32 3.28 0.00	54.36 1.33 0.00	46.75 0.46 0.00	45.05 0.45 0.00	44.30 0.40 0.00	44.93 0.44 0.00	45.20 0.58 0.00	50.07 1.03 0.00	58.56 1.76 0.00	81.88 3.38 0.00	99.75 4.84 0.00	94.11 3.88 0.00	74.42 3.20 0.00	58.93 2.21 0.00	54.40 1.99 0.00	50.60 1.76 0.00
WHITEPLN_13_KV_LOAD 356215	47.12 2.24 0.00	46.07 2.11 0.00	43.87 1.85 0.00	43.18 1.94 0.00	44.98 1.94 0.00	48.51 2.00 0.00	76.66 4.07 0.00	103.41 7.21 0.00	84.44 4.40 0.00	55.90 2.86 0.00	48.93 2.64 0.00	47.23 2.63 0.00	46.62 2.72 0.00	47.24 2.76 0.00	47.52 2.90 0.00	51.99 2.94 0.00	60.26 3.46 0.00	82.70 4.47 0.27	100.32 5.88 0.47	95.12 5.32 0.43	75.32 4.20 0.09	59.89 3.18 0.00	55.03 2.62 0.00	51.18 2.34 0.00
WM_FLOYD_69_KV_BK2 356380	46.58 1.71 0.00	45.98 2.02 0.00	43.78 1.76 0.00	42.97 1.73 0.00	44.76 1.72 0.00	47.49 0.98 0.00	54.67 1.96 19.88	80.87 4.33 19.66	56.65 2.16 25.55	47.42 0.85 6.46	47.91 1.62 0.00	46.16 1.56 0.00	45.88 1.98 0.00	46.03 1.56 0.00	46.94 2.32 0.00	50.61 1.57 0.00	58.55 1.76 0.01	73.02 1.41 6.90	93.30 2.09 3.69	86.68 1.71 5.26	72.67 1.57 0.11	58.01 1.30 0.00	52.81 0.89 0.50	49.71 0.88 0.01
WOODARD__115KV_TB2 355635	44.25 -0.63 0.00	43.34 -0.62 0.00	41.43 -0.59 0.00	40.58 -0.66 0.00	42.40 -0.65 0.00	45.91 -0.60 0.00	71.50 -1.09 0.00	95.24 -0.96 0.00	78.76 -1.28 0.00	52.24 -0.80 0.00	45.64 -0.65 0.00	43.89 -0.71 0.00	43.16 -0.75 0.00	43.73 -0.76 0.00	43.86 -0.76 0.00	48.16 -0.88 0.00	55.77 -1.02 0.00	76.11 -1.33 1.06	91.57 -1.52 1.82	87.19 -1.35 1.69	69.56 -1.28 0.37	55.69 -1.02 0.00	51.47 -0.94 0.00	48.01 -0.83 0.00
WOODMERE_69_KV_BK1 55827	47.21 2.33 0.00	46.33 2.37 0.00	44.12 2.10 0.00	43.34 2.10 0.00	45.15 2.11 0.00	48.33 1.81 0.00	58.57 3.05 17.07	85.09 5.77 16.88	61.30 3.20 21.94	49.66 2.17 5.55	49.08 2.73 -0.05	47.23 2.59 -0.04	46.71 2.81 0.00	47.16 2.62 -0.05	47.71 3.03 -0.05	51.55 2.45 -0.05	59.69 2.90 0.01	81.18 3.61 0.94	99.02 4.84 0.73	93.83 4.42 0.82	74.67 3.56 0.10	59.66 2.89 -0.05	54.45 2.10 0.06	50.69 1.86 0.01
YORK___WARBASSE 23770	47.39 2.51 0.00	46.28 2.33 0.00	44.04 2.02 0.00	43.38 2.14 0.00	45.20 2.15 0.00	48.79 2.28 0.00	76.81 4.21 -0.01	103.60 7.41 0.00	84.28 4.24 0.00	56.16 3.13 0.00	49.12 2.82 0.00	47.41 2.81 0.00	46.89 2.99 0.00	47.46 2.98 0.00	47.83 3.21 0.00	52.33 3.29 0.00	60.49 3.69 0.00	82.48 4.24 0.27	99.94 5.50 0.47	94.76 4.96 0.43	74.97 3.85 0.08	60.24 3.52 -0.01	55.61 3.20 0.00	51.57 2.74 0.00