

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/12/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	39.59	38.33	36.45	36.27	37.40	45.07	65.38	81.48	65.32	43.43	42.94	40.15	37.80	37.40	36.71	39.91	46.77	55.04	69.33	75.88	66.38	55.07	48.01	44.37
24138	1.56	1.44	1.20	1.12	0.98	1.36	2.27	3.21	2.57	2.07	1.81	1.69	1.66	1.65	1.71	1.64	2.27	2.77	2.99	3.75	3.16	2.57	2.37	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	39.62	38.33	36.45	36.30	37.44	45.07	65.25	81.40	65.19	43.43	42.90	40.15	37.87	37.44	36.74	39.95	46.77	54.99	69.33	75.81	66.38	55.12	47.92	44.28
24260	1.60	1.44	1.20	1.16	1.02	1.36	2.15	3.13	2.45	2.07	1.77	1.69	1.73	1.68	1.75	1.68	2.27	2.72	2.99	3.68	3.16	2.62	2.28	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	39.62	38.33	36.45	36.30	37.44	45.07	65.25	81.40	65.19	43.43	42.90	40.15	37.87	37.44	36.74	39.95	46.77	54.99	69.33	75.81	66.38	55.12	47.92	44.28
24261	1.60	1.44	1.20	1.16	1.02	1.36	2.15	3.13	2.45	2.07	1.77	1.69	1.73	1.68	1.75	1.68	2.27	2.72	2.99	3.68	3.16	2.62	2.28	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	39.43	38.26	36.45	36.41	37.69	45.55	65.95	82.26	65.69	42.77	42.08	39.38	37.08	36.68	35.97	39.53	46.23	54.57	69.46	76.02	66.51	55.12	48.87	45.47
24011	1.41	1.37	1.20	1.27	1.27	1.84	2.84	3.99	2.95	1.41	0.95	0.92	0.94	0.93	0.98	1.26	1.74	2.30	3.12	3.89	3.29	2.62	3.24	3.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	39.59	38.41	36.59	36.55	37.88	45.81	66.33	83.20	66.26	44.14	43.35	40.61	38.23	37.83	37.09	40.67	47.57	55.04	69.93	76.60	66.95	55.28	48.10	44.71
23798	1.56	1.51	1.34	1.41	1.46	2.10	3.22	4.93	3.51	2.77	2.22	2.15	2.10	2.07	2.10	2.41	3.07	2.77	3.58	4.47	3.73	2.78	2.46	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	39.43	38.26	36.45	36.41	37.69	45.55	65.95	82.26	65.69	42.77	42.08	39.38	37.08	36.68	35.97	39.53	46.23	54.57	69.46	76.02	66.51	55.12	48.87	45.47
24028	1.41	1.37	1.20	1.27	1.27	1.84	2.84	3.99	2.95	1.41	0.95	0.92	0.94	0.93	0.98	1.26	1.74	2.30	3.12	3.89	3.29	2.62	3.24	3.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	39.36	38.07	36.31	36.16	37.40	44.93	65.19	80.62	64.25	42.56	42.25	39.57	37.18	36.61	36.08	39.60	46.15	54.21	68.73	74.94	66.07	54.80	47.64	44.41
23527	1.33	1.18	1.06	1.02	0.98	1.22	2.08	2.35	1.50	1.20	1.11	1.12	1.05	0.86	1.09	1.34	1.65	1.94	2.38	2.81	2.85	2.31	2.01	1.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	39.13	37.89	36.13	36.02	37.26	44.76	64.75	80.38	64.50	42.48	42.12	39.45	37.04	36.65	35.73	39.03	45.52	53.53	67.80	73.93	64.87	53.91	46.87	43.56
24190	1.10	1.00	0.88	0.88	0.84	1.05	1.64	2.11	1.76	1.12	0.99	1.00	0.90	0.89	0.73	0.77	1.02	1.25	1.46	1.80	1.64	1.42	1.23	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.37	37.37	35.67	35.64	37.11	44.50	64.50	79.68	64.19	41.94	41.71	38.99	36.64	36.29	35.48	38.87	45.21	53.27	67.67	73.21	64.42	53.44	46.36	43.01
355683	0.34	0.48	0.42	0.49	0.69	0.79	1.39	1.41	1.44	0.58	0.58	0.54	0.51	0.54	0.49	0.61	0.71	0.99	1.33	1.08	1.20	0.94	0.73	0.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.47	38.30	36.52	36.41	37.66	45.28	65.44	81.24	64.88	42.40	41.96	39.22	36.86	36.51	35.52	32.35	37.01	42.84	53.15	58.90	52.38	43.29	38.28	43.14
323833	1.44	1.40	1.27	1.26	1.24	1.57	2.34	2.97	2.13	1.03	0.82	0.77	0.72	0.75	0.53	0.00	0.22	0.52	0.73	1.15	1.01	0.84	0.73	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.91	7.71	9.95	13.93	14.38	11.85	10.04	8.08	0.00
ALBANY_2_SOLAR	39.47	38.26	36.52	36.41	37.66	45.24	65.38	81.24	64.88	42.40	41.96	39.22	36.86	36.47	35.52	32.36	36.97	42.85	53.15	58.84	52.39	43.24	38.28	43.09
323834	1.44	1.37	1.27	1.26	1.24	1.53	2.27	2.97	2.13	1.03	0.82	0.77	0.72	0.71	0.53	0.00	0.18	0.52	0.73	1.08	1.01	0.79	0.73	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.91	7.70	9.95	13.92	14.37	11.84	10.04	8.08	0.00
ALBANY___1	39.13	37.89	36.13	36.02	37.26	44.76	64.75	80.38	64.50	42.48	42.12	39.45	37.04	36.65	35.73	39.03	45.52	53.53	67.80	73.93	64.87	53.91	46.87	43.56
23571	1.10	1.00	0.88	0.88	0.84	1.05	1.64	2.11	1.76	1.12	0.99	1.00	0.90	0.89	0.73	0.77	1.02	1.25	1.46	1.80	1.64	1.42	1.23	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.13 1.10 0.00	37.89 1.00 0.00	36.13 0.88 0.00	36.02 0.88 0.00	37.26 0.84 0.00	44.76 1.05 0.00	64.75 1.64 0.00	80.38 2.11 0.00	64.50 1.76 0.00	42.48 1.12 0.00	42.12 0.99 0.00	39.45 1.00 0.00	37.04 0.90 0.00	36.65 0.89 0.00	35.73 0.73 0.00	39.03 0.77 0.00	45.52 1.02 0.00	53.53 1.25 0.00	67.80 1.46 0.00	73.93 1.80 0.00	64.87 1.64 0.00	53.91 1.42 0.00	46.87 1.23 0.00	43.56 1.15 0.00
ALBANY___3 23573	39.13 1.10 0.00	37.89 1.00 0.00	36.13 0.88 0.00	36.02 0.88 0.00	37.26 0.84 0.00	44.76 1.05 0.00	64.75 1.64 0.00	80.38 2.11 0.00	64.50 1.76 0.00	42.48 1.12 0.00	42.12 0.99 0.00	39.45 1.00 0.00	37.04 0.90 0.00	36.65 0.89 0.00	35.73 0.73 0.00	39.03 0.77 0.00	45.52 1.02 0.00	53.53 1.25 0.00	67.80 1.46 0.00	73.93 1.80 0.00	64.87 1.64 0.00	53.91 1.42 0.00	46.87 1.23 0.00	43.56 1.15 0.00
ALBANY___4 23574	39.13 1.10 0.00	37.89 1.00 0.00	36.13 0.88 0.00	36.02 0.88 0.00	37.26 0.84 0.00	44.76 1.05 0.00	64.75 1.64 0.00	80.38 2.11 0.00	64.50 1.76 0.00	42.48 1.12 0.00	42.12 0.99 0.00	39.45 1.00 0.00	37.04 0.90 0.00	36.65 0.89 0.00	35.73 0.73 0.00	39.03 0.77 0.00	45.52 1.02 0.00	53.53 1.25 0.00	67.80 1.46 0.00	73.93 1.80 0.00	64.87 1.64 0.00	53.91 1.42 0.00	46.87 1.23 0.00	43.56 1.15 0.00
ALBANY___LFGE 323615	39.28 1.25 0.00	38.07 1.18 0.00	36.31 1.06 0.00	36.16 1.02 0.00	37.44 1.02 0.00	44.98 1.27 0.00	65.07 1.96 0.00	80.93 2.66 0.00	64.81 2.07 0.00	42.65 1.28 0.00	42.33 1.19 0.00	39.61 1.15 0.00	37.22 1.08 0.00	36.79 1.04 0.00	35.90 0.91 0.00	39.26 0.99 0.00	45.74 1.24 0.00	53.84 1.57 0.00	68.20 1.86 0.00	74.44 2.31 0.00	65.25 2.02 0.00	54.17 1.68 0.00	47.09 1.46 0.00	43.81 1.40 0.00
ALCOA_PA_115KV_PL-6C 55860	38.45 0.42 0.00	37.48 0.59 0.00	35.74 0.49 0.00	35.71 0.56 0.00	37.22 0.80 0.00	44.63 0.92 0.00	64.75 1.64 0.00	79.91 1.64 0.00	64.38 1.63 0.00	42.03 0.66 0.00	41.79 0.66 0.00	39.07 0.62 0.00	36.71 0.58 0.00	36.36 0.61 0.00	35.55 0.56 0.00	38.91 0.65 0.00	45.30 0.80 0.00	53.37 1.10 0.00	67.87 1.53 0.00	73.43 1.30 0.00	64.61 1.39 0.00	53.60 1.10 0.00	46.50 0.87 0.00	43.10 0.68 0.00
ALCOA_RYNLDS___DRP 24188	38.45 0.42 0.00	37.48 0.59 0.00	35.74 0.49 0.00	35.71 0.56 0.00	37.22 0.80 0.00	44.63 0.92 0.00	64.75 1.64 0.00	79.91 1.64 0.00	64.38 1.63 0.00	42.03 0.66 0.00	41.79 0.66 0.00	39.07 0.62 0.00	36.71 0.58 0.00	36.36 0.61 0.00	35.55 0.56 0.00	38.91 0.65 0.00	45.30 0.80 0.00	53.37 1.10 0.00	67.87 1.53 0.00	73.43 1.30 0.00	64.61 1.39 0.00	53.60 1.10 0.00	46.50 0.87 0.00	43.10 0.68 0.00
ALCOA___DSASP 323711	38.45 0.42 0.00	37.48 0.59 0.00	35.74 0.49 0.00	35.70 0.56 0.00	37.22 0.80 0.00	44.63 0.92 0.00	64.75 1.64 0.00	79.92 1.65 0.00	64.37 1.63 0.00	42.02 0.66 0.00	41.79 0.66 0.00	39.07 0.61 0.00	36.71 0.58 0.00	36.36 0.61 0.00	35.55 0.56 0.00	38.91 0.65 0.00	45.30 0.80 0.00	53.37 1.10 0.00	67.87 1.53 0.00	73.43 1.30 0.00	64.61 1.39 0.00	53.60 1.10 0.00	46.50 0.86 0.00	43.09 0.68 0.00
ALLEGHENY___COGEN 23514	38.67 0.65 0.00	37.48 0.59 0.00	36.16 0.91 0.00	35.95 0.81 0.00	37.40 0.98 0.00	45.07 1.36 0.00	63.74 0.63 0.00	77.96 -0.31 0.00	61.99 -0.75 0.00	40.58 -0.79 0.00	40.03 -1.11 0.00	37.30 -1.15 0.00	34.80 -1.34 0.00	34.47 -1.29 0.00	33.66 -1.33 0.00	36.92 -1.34 0.00	43.12 -1.38 0.00	51.23 -1.05 0.00	66.28 -0.07 0.00	72.20 0.07 0.00	63.22 0.00 0.00	52.60 0.11 0.00	45.50 -0.14 0.00	42.63 0.21 0.00
ALTAMONT_115KV_TB 2 55880	38.90 0.87 0.00	37.67 0.77 0.00	35.95 0.70 0.00	35.81 0.67 0.00	37.08 0.66 0.00	44.50 0.79 0.00	64.37 1.26 0.00	79.91 1.64 0.00	64.06 1.32 0.00	42.23 0.87 0.00	41.88 0.74 0.00	39.19 0.73 0.00	36.82 0.69 0.00	36.43 0.68 0.00	35.55 0.56 0.00	38.84 0.57 0.00	45.30 0.80 0.00	53.27 0.99 0.00	67.54 1.19 0.00	73.64 1.51 0.00	64.61 1.39 0.00	53.65 1.15 0.00	46.64 1.00 0.00	43.35 0.93 0.00
ALTONA_WT_PWR 323606	38.33 0.30 0.00	37.74 0.85 0.00	36.20 0.95 0.00	36.30 1.16 0.00	37.95 1.53 0.00	45.68 1.97 0.00	66.58 3.47 0.00	82.26 3.99 0.00	66.45 3.70 0.00	43.35 1.99 0.00	43.11 1.97 0.00	40.26 1.81 0.00	37.83 1.70 0.00	37.51 1.75 0.00	36.64 1.65 0.00	40.14 1.87 0.00	46.72 2.22 0.00	55.09 2.82 0.00	69.99 3.65 0.00	75.38 3.25 0.00	66.26 3.03 0.00	54.91 2.42 0.00	47.55 1.92 0.00	44.12 1.70 0.00
AMERICAN_REF_FUEL 24010	36.24 -1.79 0.00	35.05 -1.84 0.00	33.84 -1.41 0.00	33.60 -1.55 0.00	34.96 -1.46 0.00	41.96 -1.75 0.00	58.12 -4.99 0.00	70.44 -7.83 0.00	56.91 -5.83 0.00	37.89 -3.47 0.00	37.84 -3.29 0.00	35.26 -3.19 0.00	33.14 -3.00 0.00	32.89 -2.86 0.00	31.95 -3.04 0.00	35.01 -3.25 0.00	40.58 -3.92 0.00	47.41 -4.86 0.00	60.77 -5.57 0.00	64.85 -7.28 0.00	56.52 -6.70 0.00	47.56 -4.94 0.00	41.62 -4.02 0.00	39.58 -2.84 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.80 -0.23 0.00	36.49 -0.41 0.00	35.14 -0.11 0.00	34.86 -0.28 0.00	36.27 -0.15 0.00	43.63 -0.09 0.00	61.34 -1.77 0.00	74.36 -3.91 0.00	59.80 -2.95 0.00	39.88 -1.49 0.00	39.78 -1.36 0.00	37.07 -1.38 0.00	34.76 -1.37 0.00	34.47 -1.29 0.00	33.35 -1.64 0.00	36.58 -1.68 0.00	42.45 -2.05 0.00	49.98 -2.30 0.00	64.62 -1.73 0.00	69.24 -2.89 0.00	60.32 -2.91 0.00	50.55 -1.94 0.00	44.04 -1.60 0.00	41.82 -0.59 0.00
ARTHUR KILL_GT_1 23520	39.82 1.79 -0.01	56.88 1.70 -18.29	36.74 1.48 -0.01	36.56 1.41 -0.01	37.74 1.31 -0.01	45.21 1.49 -0.01	65.00 1.89 0.00	81.01 2.74 0.00	64.62 1.88 0.01	57.59 2.07 -14.16	57.60 1.85 -14.61	57.63 1.77 -17.40	57.58 1.73 -19.71	57.58 1.72 -20.11	57.58 1.78 -20.80	58.45 1.80 -18.39	60.60 2.36 -13.75	61.86 2.72 -6.87	68.59 2.26 0.01	75.15 3.03 0.01	65.81 2.59 0.01	61.86 2.62 -6.74	59.24 2.42 -11.18	57.64 2.16 -13.06
ARTHUR_KILL_2 23512	39.71 1.67 -0.01	56.77 1.59 -18.29	36.63 1.37 -0.01	36.49 1.34 -0.01	37.63 1.20 -0.01	45.08 1.36 -0.01	64.81 1.70 0.00	80.77 2.50 0.00	64.49 1.75 0.01	57.51 1.99 -14.16	57.51 1.77 -14.61	57.51 1.65 -17.40	57.51 1.66 -19.71	57.51 1.65 -20.11	57.51 1.71 -20.80	58.33 1.68 -18.39	60.47 2.22 -13.75	61.70 2.56 -6.87	68.40 2.06 0.01	74.93 2.81 0.01	65.62 2.40 0.01	61.70 2.47 -6.74	59.10 2.28 -11.18	57.51 2.04 -13.06
ARTHUR_KILL_3 23513	39.13 1.10 0.00	56.17 1.00 -18.28	36.06 0.81 0.00	35.92 0.77 0.00	37.00 0.58 0.00	44.50 0.79 0.00	64.43 1.33 0.01	80.38 2.11 0.00	64.44 1.69 0.00	57.06 1.53 -14.16	57.02 1.28 -14.61	57.05 1.19 -17.40	57.08 1.23 -19.71	57.12 1.25 -20.11	57.13 1.33 -20.80	57.79 1.15 -18.38	59.93 1.69 -13.74	61.17 2.04 -6.86	68.40 2.06 0.00	74.87 2.74 0.00	65.56 2.34 0.00	61.17 1.94 -6.73	58.73 1.92 -11.18	56.95 1.48 -13.05

ARTHUR_KILL_COGEN 323718	39.82 1.79 -0.01	56.88 1.70 -18.29	36.74 1.48 -0.01	36.56 1.41 -0.01	37.74 1.31 -0.01	45.21 1.49 -0.01	65.00 1.89 0.00	81.01 2.74 0.00	64.62 1.88 0.01	57.59 2.07 -14.16	57.60 1.85 -14.61	57.63 1.77 -17.40	57.58 1.73 -19.71	57.58 1.72 -20.11	57.58 1.78 -20.80	58.45 1.80 -18.39	60.60 2.36 -13.75	61.86 2.72 -6.87	68.59 2.26 0.01	75.15 3.03 0.01	65.81 2.59 0.01	61.86 2.62 -6.74	59.24 2.42 -11.18	57.64 2.16 -13.06
ASHOKAN____ 23654	40.23 2.20 0.00	38.89 1.99 0.00	37.05 1.80 0.00	36.87 1.72 0.00	38.13 1.71 0.00	45.98 2.27 0.00	66.70 3.60 0.00	82.97 4.70 0.00	66.13 3.39 0.00	43.06 1.70 0.00	42.37 1.23 0.00	39.49 1.04 0.00	37.04 0.90 0.00	36.58 0.82 0.00	35.80 0.81 0.00	34.29 1.53 5.51	39.54 2.22 7.18	46.08 3.08 9.28	57.87 4.51 12.99	64.14 5.41 13.40	56.98 4.80 11.05	46.96 3.83 9.36	41.20 3.10 7.53	44.83 2.42 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.67 1.63 -0.01	38.42 1.51 -0.01	36.60 1.34 -0.01	36.42 1.26 -0.01	37.56 1.13 -0.01	44.81 1.09 0.00	64.56 1.45 0.00	80.45 2.19 0.01	64.56 1.82 0.01	43.09 1.74 0.01	42.65 1.52 0.01	39.87 1.42 0.01	37.61 1.48 0.01	37.21 1.47 0.01	36.52 1.54 0.01	39.63 1.38 0.01	46.45 1.96 0.01	54.51 2.25 0.01	68.52 2.19 0.01	75.01 2.89 0.01	65.62 2.40 0.01	54.53 2.05 0.01	47.64 2.01 0.00	44.28 1.86 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.67 1.63 -0.01	38.42 1.51 -0.01	36.60 1.34 -0.01	36.42 1.26 -0.01	37.56 1.13 -0.01	44.81 1.09 0.00	64.56 1.45 0.00	80.45 2.19 0.01	64.56 1.82 0.01	43.09 1.74 0.01	42.65 1.52 0.01	39.87 1.42 0.01	37.61 1.48 0.01	37.21 1.47 0.01	36.52 1.54 0.01	39.63 1.38 0.01	46.45 1.96 0.01	54.51 2.25 0.01	68.52 2.19 0.01	75.01 2.89 0.01	65.62 2.40 0.01	54.53 2.05 0.01	47.64 2.01 0.00	44.28 1.86 0.00
ASTORIA_GT2_1 24094	39.71 1.67 -0.01	38.38 1.48 -0.01	36.56 1.30 -0.01	36.42 1.27 -0.01	37.56 1.13 -0.01	44.85 1.14 0.00	64.56 1.45 0.00	80.54 2.27 0.00	64.50 1.76 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.73 1.59 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.75 1.49 0.00	46.50 2.00 0.00	54.57 2.30 0.00	68.60 2.26 0.00	75.09 2.96 0.00	65.69 2.47 0.00	54.59 2.10 0.00	47.55 1.92 0.00	44.20 1.78 0.00
ASTORIA_GT2_2 24095	39.71 1.67 -0.01	38.38 1.48 -0.01	36.56 1.30 -0.01	36.42 1.27 -0.01	37.56 1.13 -0.01	44.85 1.14 0.00	64.56 1.45 0.00	80.54 2.27 0.00	64.50 1.76 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.73 1.59 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.75 1.49 0.00	46.50 2.00 0.00	54.57 2.30 0.00	68.60 2.26 0.00	75.09 2.96 0.00	65.69 2.47 0.00	54.59 2.10 0.00	47.55 1.92 0.00	44.20 1.78 0.00
ASTORIA_GT2_3 24096	39.71 1.67 -0.01	38.38 1.48 -0.01	36.56 1.30 -0.01	36.42 1.27 -0.01	37.56 1.13 -0.01	44.85 1.14 0.00	64.56 1.45 0.00	80.54 2.27 0.00	64.50 1.76 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.73 1.59 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.75 1.49 0.00	46.50 2.00 0.00	54.57 2.30 0.00	68.60 2.26 0.00	75.09 2.96 0.00	65.69 2.47 0.00	54.59 2.10 0.00	47.55 1.92 0.00	44.20 1.78 0.00
ASTORIA_GT2_4 24097	39.71 1.67 -0.01	38.38 1.48 -0.01	36.56 1.30 -0.01	36.42 1.27 -0.01	37.56 1.13 -0.01	44.85 1.14 0.00	64.56 1.45 0.00	80.54 2.27 0.00	64.50 1.76 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.73 1.59 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.75 1.49 0.00	46.50 2.00 0.00	54.57 2.30 0.00	68.60 2.26 0.00	75.09 2.96 0.00	65.69 2.47 0.00	54.59 2.10 0.00	47.55 1.92 0.00	44.20 1.78 0.00
ASTORIA_GT3_1 24098	39.71 1.67 -0.01	38.38 1.48 -0.01	36.56 1.30 -0.01	36.42 1.27 -0.01	37.56 1.13 -0.01	44.85 1.14 0.00	64.56 1.45 0.00	80.54 2.27 0.00	64.50 1.76 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.73 1.59 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.75 1.49 0.00	46.50 2.00 0.00	54.57 2.30 0.00	68.60 2.26 0.00	75.09 2.96 0.00	65.69 2.47 0.00	54.59 2.10 0.00	47.55 1.92 0.00	44.20 1.78 0.00
ASTORIA_GT3_2 24099	39.71 1.67 -0.01	38.38 1.48 -0.01	36.56 1.30 -0.01	36.42 1.27 -0.01	37.56 1.13 -0.01	44.85 1.14 0.00	64.56 1.45 0.00	80.54 2.27 0.00	64.50 1.76 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.73 1.59 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.75 1.49 0.00	46.50 2.00 0.00	54.57 2.30 0.00	68.60 2.26 0.00	75.09 2.96 0.00	65.69 2.47 0.00	54.59 2.10 0.00	47.55 1.92 0.00	44.20 1.78 0.00
ASTORIA_GT3_3 24100	39.71 1.67 -0.01	38.38 1.48 -0.01	36.56 1.30 -0.01	36.42 1.27 -0.01	37.56 1.13 -0.01	44.85 1.14 0.00	64.56 1.45 0.00	80.54 2.27 0.00	64.50 1.76 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.73 1.59 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.75 1.49 0.00	46.50 2.00 0.00	54.57 2.30 0.00	68.60 2.26 0.00	75.09 2.96 0.00	65.69 2.47 0.00	54.59 2.10 0.00	47.55 1.92 0.00	44.20 1.78 0.00
ASTORIA_GT3_4 24101	39.71 1.67 -0.01	38.38 1.48 -0.01	36.56 1.30 -0.01	36.42 1.27 -0.01	37.56 1.13 -0.01	44.85 1.14 0.00	64.56 1.45 0.00	80.54 2.27 0.00	64.50 1.76 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.73 1.59 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.75 1.49 0.00	46.50 2.00 0.00	54.57 2.30 0.00	68.60 2.26 0.00	75.09 2.96 0.00	65.69 2.47 0.00	54.59 2.10 0.00	47.55 1.92 0.00	44.20 1.78 0.00
ASTORIA_GT4_1 24102	39.71 1.67 -0.01	38.38 1.48 -0.01	36.56 1.30 -0.01	36.42 1.27 -0.01	37.56 1.13 -0.01	44.85 1.14 0.00	64.56 1.45 0.00	80.54 2.27 0.00	64.50 1.76 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.73 1.59 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.75 1.49 0.00	46.50 2.00 0.00	54.57 2.30 0.00	68.60 2.26 0.00	75.09 2.96 0.00	65.69 2.47 0.00	54.59 2.10 0.00	47.55 1.92 0.00	44.20 1.78 0.00
ASTORIA_GT4_2 24103	39.71 1.67 -0.01	38.38 1.48 -0.01	36.56 1.30 -0.01	36.42 1.27 -0.01	37.56 1.13 -0.01	44.85 1.14 0.00	64.56 1.45 0.00	80.54 2.27 0.00	64.50 1.76 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.73 1.59 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.75 1.49 0.00	46.50 2.00 0.00	54.57 2.30 0.00	68.60 2.26 0.00	75.09 2.96 0.00	65.69 2.47 0.00	54.59 2.10 0.00	47.55 1.92 0.00	44.20 1.78 0.00
ASTORIA_GT4_3 24104	39.71 1.67 -0.01	38.38 1.48 -0.01	36.56 1.30 -0.01	36.42 1.27 -0.01	37.56 1.13 -0.01	44.85 1.14 0.00	64.56 1.45 0.00	80.54 2.27 0.00	64.50 1.76 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.73 1.59 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.75 1.49 0.00	46.50 2.00 0.00	54.57 2.30 0.00	68.60 2.26 0.00	75.09 2.96 0.00	65.69 2.47 0.00	54.59 2.10 0.00	47.55 1.92 0.00	44.20 1.78 0.00

ASTORIA_GT4_4 24105	39.71 1.67 -0.01	38.38 1.48 -0.01	36.56 1.30 -0.01	36.42 1.27 -0.01	37.56 1.13 -0.01	44.85 1.14 0.00	64.56 1.45 0.00	80.54 2.27 0.00	64.50 1.76 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.73 1.59 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.75 1.49 0.00	46.50 2.00 0.00	54.57 2.30 0.00	68.60 2.26 0.00	75.09 2.96 0.00	65.69 2.47 0.00	54.59 2.10 0.00	47.55 1.92 0.00	44.20 1.78 0.00
ASTORIA_GT_1 23523	39.75 1.71 -0.01	38.49 1.59 -0.01	36.67 1.41 -0.01	36.49 1.34 -0.01	37.63 1.20 -0.01	44.89 1.18 0.00	64.69 1.58 0.00	80.69 2.43 0.01	64.68 1.95 0.01	43.17 1.82 0.01	42.73 1.60 0.01	39.99 1.54 0.01	37.68 1.55 0.01	37.28 1.54 0.01	36.60 1.61 0.01	39.75 1.49 0.01	46.58 2.09 0.01	54.62 2.35 0.01	68.72 2.38 0.01	75.22 3.10 0.01	65.75 2.53 0.01	54.69 2.20 0.01	47.73 2.10 0.00	44.37 1.95 0.00
ASTORIA_GT_10 24110	39.67 1.64 -0.01	38.34 1.44 -0.01	36.49 1.23 -0.01	36.35 1.19 -0.01	37.48 1.06 -0.01	44.94 1.22 0.00	64.88 1.77 0.00	80.85 2.58 0.00	64.75 2.01 0.00	43.31 1.94 0.00	42.78 1.65 0.00	40.03 1.58 0.00	37.76 1.63 0.00	37.33 1.57 0.00	36.64 1.64 0.00	39.83 1.57 0.00	46.63 2.14 0.00	54.73 2.46 0.00	68.87 2.52 0.00	75.37 3.25 0.00	65.94 2.72 0.00	54.80 2.31 0.00	47.69 2.05 0.00	44.28 1.87 0.00
ASTORIA_GT_11 24225	39.67 1.64 -0.01	38.34 1.44 -0.01	36.49 1.23 -0.01	36.35 1.19 -0.01	37.48 1.06 -0.01	44.94 1.22 0.00	64.88 1.77 0.00	80.85 2.58 0.00	64.75 2.01 0.00	43.31 1.94 0.00	42.78 1.65 0.00	40.03 1.58 0.00	37.76 1.63 0.00	37.33 1.57 0.00	36.64 1.64 0.00	39.83 1.57 0.00	46.63 2.14 0.00	54.73 2.46 0.00	68.87 2.52 0.00	75.37 3.25 0.00	65.94 2.72 0.00	54.80 2.31 0.00	47.69 2.05 0.00	44.28 1.87 0.00
ASTORIA_GT_12 24226	39.67 1.64 -0.01	38.34 1.44 -0.01	36.49 1.23 -0.01	36.35 1.19 -0.01	37.48 1.06 -0.01	44.94 1.22 0.00	64.88 1.77 0.00	80.85 2.58 0.00	64.75 2.01 0.00	43.31 1.94 0.00	42.78 1.65 0.00	40.03 1.58 0.00	37.76 1.63 0.00	37.33 1.57 0.00	36.64 1.64 0.00	39.83 1.57 0.00	46.63 2.14 0.00	54.73 2.46 0.00	68.87 2.52 0.00	75.37 3.25 0.00	65.94 2.72 0.00	54.80 2.31 0.00	47.69 2.05 0.00	44.28 1.87 0.00
ASTORIA_GT_13 24227	39.67 1.64 -0.01	38.34 1.44 -0.01	36.49 1.23 -0.01	36.35 1.19 -0.01	37.48 1.06 -0.01	44.94 1.22 0.00	64.88 1.77 0.00	80.85 2.58 0.00	64.75 2.01 0.00	43.31 1.94 0.00	42.78 1.65 0.00	40.03 1.58 0.00	37.76 1.63 0.00	37.33 1.57 0.00	36.64 1.64 0.00	39.83 1.57 0.00	46.63 2.14 0.00	54.73 2.46 0.00	68.87 2.52 0.00	75.37 3.25 0.00	65.94 2.72 0.00	54.80 2.31 0.00	47.69 2.05 0.00	44.28 1.87 0.00
ASTORIA_GT_5 24106	39.78 1.75 -0.01	38.45 1.55 -0.01	36.63 1.37 -0.01	36.49 1.34 -0.01	37.63 1.20 -0.01	44.94 1.22 0.00	64.69 1.58 0.00	80.70 2.43 0.00	64.63 1.88 0.00	43.27 1.90 0.00	42.74 1.60 0.00	39.99 1.54 0.00	37.80 1.66 0.00	37.36 1.61 0.00	36.67 1.68 0.00	39.83 1.57 0.00	46.59 2.09 0.00	54.68 2.40 0.00	68.73 2.39 0.00	75.23 3.10 0.00	65.82 2.59 0.00	54.70 2.20 0.00	47.64 2.01 0.00	44.28 1.87 0.00
ASTORIA_GT_7 24107	39.78 1.75 -0.01	38.45 1.55 -0.01	36.63 1.37 -0.01	36.49 1.34 -0.01	37.63 1.20 -0.01	44.94 1.22 0.00	64.69 1.58 0.00	80.70 2.43 0.00	64.63 1.88 0.00	43.27 1.90 0.00	42.74 1.60 0.00	39.99 1.54 0.00	37.80 1.66 0.00	37.36 1.61 0.00	36.67 1.68 0.00	39.83 1.57 0.00	46.59 2.09 0.00	54.68 2.40 0.00	68.73 2.39 0.00	75.23 3.10 0.00	65.82 2.59 0.00	54.70 2.20 0.00	47.64 2.01 0.00	44.28 1.87 0.00
ASTORIA_GT_8 24108	39.78 1.75 -0.01	38.45 1.55 -0.01	36.63 1.37 -0.01	36.49 1.34 -0.01	37.63 1.20 -0.01	44.94 1.22 0.00	64.69 1.58 0.00	80.70 2.43 0.00	64.63 1.88 0.00	43.27 1.90 0.00	42.74 1.60 0.00	39.99 1.54 0.00	37.80 1.66 0.00	37.36 1.61 0.00	36.67 1.68 0.00	39.83 1.57 0.00	46.59 2.09 0.00	54.68 2.40 0.00	68.73 2.39 0.00	75.23 3.10 0.00	65.82 2.59 0.00	54.70 2.20 0.00	47.64 2.01 0.00	44.28 1.87 0.00
ASTORIA___2 24149	39.67 1.63 -0.01	38.45 1.55 -0.01	36.60 1.34 -0.01	36.42 1.26 -0.01	37.59 1.17 -0.01	44.85 1.13 0.00	64.62 1.51 0.00	80.53 2.27 0.01	64.56 1.82 0.01	43.09 1.74 0.01	42.69 1.56 0.01	39.91 1.46 0.01	37.61 1.48 0.01	37.25 1.50 0.01	36.56 1.58 0.01	39.67 1.42 0.01	46.49 2.00 0.01	54.51 2.25 0.01	68.59 2.26 0.01	75.08 2.96 0.01	65.62 2.40 0.01	54.59 2.10 0.01	47.69 2.06 0.00	44.28 1.86 0.00
ASTORIA___3 23516	39.63 1.60 -0.01	38.38 1.48 -0.01	36.52 1.27 -0.01	36.35 1.20 -0.01	37.48 1.06 -0.01	44.93 1.22 0.00	64.87 1.76 0.00	80.85 2.58 0.00	64.81 2.07 0.00	43.27 1.90 0.00	42.82 1.69 0.00	40.03 1.58 0.00	37.69 1.55 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.79 1.53 0.00	46.59 2.09 0.00	54.73 2.46 0.00	68.80 2.46 0.00	75.30 3.17 0.00	65.88 2.65 0.00	54.80 2.31 0.00	47.82 2.19 0.00	44.37 1.95 0.00
ASTORIA___4 23517	39.67 1.64 -0.01	38.34 1.44 -0.01	36.49 1.23 -0.01	36.35 1.19 -0.01	37.48 1.06 -0.01	44.94 1.22 0.00	64.88 1.77 0.00	80.85 2.58 0.00	64.75 2.01 0.00	43.31 1.94 0.00	42.78 1.65 0.00	40.03 1.58 0.00	37.76 1.63 0.00	37.33 1.57 0.00	36.64 1.64 0.00	39.83 1.57 0.00	46.63 2.14 0.00	54.73 2.46 0.00	68.87 2.52 0.00	75.37 3.25 0.00	65.94 2.72 0.00	54.80 2.31 0.00	47.69 2.05 0.00	44.28 1.87 0.00
ASTORIA___5 23518	39.63 1.60 -0.01	38.38 1.48 -0.01	36.52 1.27 -0.01	36.35 1.20 -0.01	37.48 1.06 -0.01	44.93 1.22 0.00	64.87 1.76 0.00	80.85 2.58 0.00	64.81 2.07 0.00	43.27 1.90 0.00	42.82 1.69 0.00	40.03 1.58 0.00	37.69 1.55 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.79 1.53 0.00	46.59 2.09 0.00	54.73 2.46 0.00	68.80 2.46 0.00	75.30 3.17 0.00	65.88 2.65 0.00	54.80 2.31 0.00	47.82 2.19 0.00	44.37 1.95 0.00
AST_ENERGY_2_CC3 323677	39.39 1.37 0.00	38.15 1.26 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.81 1.09 0.00	64.94 1.83 0.00	80.85 2.58 0.00	64.81 2.07 0.00	43.10 1.74 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.54 1.41 0.00	37.15 1.39 0.00	36.46 1.47 0.00	39.64 1.38 0.00	46.45 1.96 0.00	54.63 2.35 0.00	68.87 2.52 0.00	75.38 3.25 0.00	65.94 2.72 0.00	54.75 2.26 0.00	47.73 2.10 0.00	44.16 1.74 0.00
AST_ENERGY_2_CC4 323678	39.39 1.37 0.00	38.15 1.26 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.81 1.09 0.00	64.94 1.83 0.00	80.85 2.58 0.00	64.81 2.07 0.00	43.10 1.74 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.54 1.41 0.00	37.15 1.39 0.00	36.46 1.47 0.00	39.64 1.38 0.00	46.45 1.96 0.00	54.63 2.35 0.00	68.87 2.52 0.00	75.38 3.25 0.00	65.94 2.72 0.00	54.75 2.26 0.00	47.73 2.10 0.00	44.16 1.74 0.00

ATHENS_STG_1 23668	38.86 0.84 0.00	37.63 0.74 0.00	35.88 0.64 0.00	35.74 0.60 0.00	36.97 0.55 0.00	44.41 0.70 0.00	64.25 1.14 0.00	79.84 1.56 0.00	63.93 1.19 0.00	42.27 0.91 0.00	41.91 0.78 0.00	39.18 0.73 0.00	36.86 0.72 0.00	36.43 0.68 0.00	35.69 0.70 0.00	38.95 0.69 0.00	45.48 0.98 0.00	53.48 1.20 0.00	67.67 1.33 0.00	73.86 1.73 0.00	64.80 1.58 0.00	53.81 1.31 0.00	46.82 1.18 0.00	43.43 1.02 0.00
ATHENS_STG_2 23670	38.86 0.84 0.00	37.63 0.74 0.00	35.88 0.64 0.00	35.74 0.60 0.00	36.97 0.55 0.00	44.41 0.70 0.00	64.25 1.14 0.00	79.84 1.56 0.00	63.93 1.19 0.00	42.27 0.91 0.00	41.91 0.78 0.00	39.18 0.73 0.00	36.86 0.72 0.00	36.43 0.68 0.00	35.69 0.70 0.00	38.95 0.69 0.00	45.48 0.98 0.00	53.48 1.20 0.00	67.67 1.33 0.00	73.86 1.73 0.00	64.80 1.58 0.00	53.81 1.31 0.00	46.82 1.18 0.00	43.43 1.02 0.00
ATHENS_STG_3 23677	38.86 0.84 0.00	37.63 0.74 0.00	35.88 0.64 0.00	35.74 0.60 0.00	36.97 0.55 0.00	44.41 0.70 0.00	64.25 1.14 0.00	79.84 1.56 0.00	63.93 1.19 0.00	42.27 0.91 0.00	41.91 0.78 0.00	39.18 0.73 0.00	36.86 0.72 0.00	36.43 0.68 0.00	35.69 0.70 0.00	38.95 0.69 0.00	45.48 0.98 0.00	53.48 1.20 0.00	67.67 1.33 0.00	73.86 1.73 0.00	64.80 1.58 0.00	53.81 1.31 0.00	46.82 1.18 0.00	43.43 1.02 0.00
AUBURN___LFGE 323710	37.65 -0.38 0.00	36.53 -0.37 0.00	35.04 -0.21 0.00	34.86 -0.28 0.00	36.17 -0.25 0.00	43.45 -0.26 0.00	62.41 -0.69 0.00	77.33 -0.94 0.00	61.93 -0.82 0.00	40.87 -0.50 0.00	40.68 -0.45 0.00	37.99 -0.46 0.00	35.67 -0.47 0.00	35.33 -0.43 0.00	34.50 -0.49 0.00	37.77 -0.50 0.00	43.83 -0.67 0.00	51.44 -0.84 0.00	65.62 -0.73 0.00	71.26 -0.87 0.00	62.34 -0.89 0.00	51.71 -0.79 0.00	44.86 -0.78 0.00	41.82 -0.59 0.00
BABYLON_RES_REC 323704	39.74 1.71 0.00	38.41 1.51 0.00	36.45 1.20 0.00	36.20 1.05 0.00	37.44 1.02 0.00	45.07 1.36 0.00	65.32 2.21 0.00	81.63 3.36 0.00	65.32 2.57 0.00	43.47 2.11 0.00	42.94 1.81 0.00	40.15 1.69 0.00	37.58 1.45 0.00	37.15 1.39 0.00	36.53 1.54 0.00	39.94 1.68 0.00	46.68 2.18 0.00	55.30 3.03 0.00	69.66 3.32 0.00	76.75 4.62 0.00	67.14 3.92 0.00	55.49 2.99 0.00	48.51 2.88 0.00	44.49 2.08 0.00
BABYLON__69_KV_BK2 356345	40.16 2.13 0.00	38.70 1.81 0.00	36.83 1.59 0.00	36.59 1.44 0.00	37.84 1.42 0.00	45.59 1.88 0.00	66.14 3.03 0.00	82.81 4.54 0.00	66.13 3.39 0.00	44.18 2.81 0.00	43.40 2.26 0.00	40.57 2.12 0.00	37.98 1.84 0.00	37.54 1.79 0.00	36.95 1.96 0.00	40.44 2.18 0.00	47.21 2.71 0.00	55.99 3.71 0.00	70.66 4.31 0.00	77.90 5.77 0.00	68.15 4.93 0.00	56.17 3.67 0.00	49.01 3.38 0.00	44.92 2.50 0.00
BALL_HILL_WT_PWR 323825	37.76 -0.26 0.00	36.49 -0.41 0.00	35.18 -0.07 0.00	34.93 -0.21 0.00	36.35 -0.07 0.00	43.67 -0.04 0.00	61.34 -1.77 0.00	74.36 -3.91 0.00	59.86 -2.89 0.00	39.83 -1.53 0.00	39.66 -1.48 0.00	36.95 -1.50 0.00	34.69 -1.45 0.00	34.40 -1.36 0.00	33.38 -1.61 0.00	36.54 -1.72 0.00	42.45 -2.05 0.00	49.82 -2.46 0.00	64.09 -2.26 0.00	68.67 -3.46 0.00	59.81 -3.42 0.00	50.13 -2.36 0.00	43.76 -1.87 0.00	41.52 -0.89 0.00
BARON_WINDS___WT_PWR 323822	37.61 -0.42 0.00	36.45 -0.44 0.00	35.14 -0.11 0.00	34.93 -0.21 0.00	36.31 -0.11 0.00	43.63 -0.09 0.00	61.66 -1.45 0.00	75.46 -2.81 0.00	60.42 -2.32 0.00	39.92 -1.45 0.00	39.57 -1.56 0.00	36.95 -1.50 0.00	34.65 -1.48 0.00	34.29 -1.47 0.00	33.38 -1.61 0.00	36.58 -1.68 0.00	42.63 -1.87 0.00	50.08 -2.19 0.00	64.16 -2.19 0.00	69.17 -2.96 0.00	60.38 -2.84 0.00	50.45 -2.05 0.00	43.90 -1.73 0.00	41.36 -1.06 0.00
BARRETT_IC_1 23704	39.47 1.44 0.00	38.15 1.26 0.00	36.23 0.99 0.00	36.02 0.88 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.69 1.95 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.40 1.26 0.00	36.97 1.22 0.00	36.32 1.33 0.00	39.64 1.38 0.00	46.37 1.87 0.00	54.68 2.41 0.00	68.73 2.38 0.00	75.59 3.46 0.00	66.13 2.91 0.00	54.91 2.42 0.00	48.05 2.42 0.00	44.20 1.78 0.00
BARRETT_IC_10 23701	39.47 1.44 0.00	38.15 1.26 0.00	36.23 0.99 0.00	36.02 0.88 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.69 1.95 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.40 1.26 0.00	36.97 1.22 0.00	36.32 1.33 0.00	39.64 1.38 0.00	46.37 1.87 0.00	54.68 2.41 0.00	68.73 2.38 0.00	75.59 3.46 0.00	66.13 2.91 0.00	54.91 2.42 0.00	48.05 2.42 0.00	44.20 1.78 0.00
BARRETT_IC_11 23702	39.47 1.44 0.00	38.15 1.26 0.00	36.23 0.99 0.00	36.02 0.88 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.69 1.95 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.40 1.26 0.00	36.97 1.22 0.00	36.32 1.33 0.00	39.64 1.38 0.00	46.37 1.87 0.00	54.68 2.41 0.00	68.73 2.38 0.00	75.59 3.46 0.00	66.13 2.91 0.00	54.91 2.42 0.00	48.05 2.42 0.00	44.20 1.78 0.00
BARRETT_IC_12 23703	39.47 1.44 0.00	38.15 1.26 0.00	36.23 0.99 0.00	36.02 0.88 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.69 1.95 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.40 1.26 0.00	36.97 1.22 0.00	36.32 1.33 0.00	39.64 1.38 0.00	46.37 1.87 0.00	54.68 2.41 0.00	68.73 2.38 0.00	75.59 3.46 0.00	66.13 2.91 0.00	54.91 2.42 0.00	48.05 2.42 0.00	44.20 1.78 0.00
BARRETT_IC_2 23705	39.47 1.44 0.00	38.15 1.26 0.00	36.23 0.99 0.00	36.02 0.88 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.69 1.95 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.40 1.26 0.00	36.97 1.22 0.00	36.32 1.33 0.00	39.64 1.38 0.00	46.37 1.87 0.00	54.68 2.41 0.00	68.73 2.38 0.00	75.59 3.46 0.00	66.13 2.91 0.00	54.91 2.42 0.00	48.05 2.42 0.00	44.20 1.78 0.00
BARRETT_IC_3 23706	39.47 1.44 0.00	38.15 1.26 0.00	36.23 0.99 0.00	36.02 0.88 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.69 1.95 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.40 1.26 0.00	36.97 1.22 0.00	36.32 1.33 0.00	39.64 1.38 0.00	46.37 1.87 0.00	54.68 2.41 0.00	68.73 2.38 0.00	75.59 3.46 0.00	66.13 2.91 0.00	54.91 2.42 0.00	48.05 2.42 0.00	44.20 1.78 0.00
BARRETT_IC_4 23707	39.47 1.44 0.00	38.15 1.26 0.00	36.23 0.99 0.00	36.02 0.88 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.69 1.95 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.40 1.26 0.00	36.97 1.22 0.00	36.32 1.33 0.00	39.64 1.38 0.00	46.37 1.87 0.00	54.68 2.41 0.00	68.73 2.38 0.00	75.59 3.46 0.00	66.13 2.91 0.00	54.91 2.42 0.00	48.05 2.42 0.00	44.20 1.78 0.00

BARRETT_IC_5 23708	39.47 1.44 0.00	38.15 1.26 0.00	36.23 0.99 0.00	36.02 0.88 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.69 1.95 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.40 1.26 0.00	36.97 1.22 0.00	36.32 1.33 0.00	39.64 1.38 0.00	46.37 1.87 0.00	54.68 2.41 0.00	68.73 2.38 0.00	75.59 3.46 0.00	66.13 2.91 0.00	54.91 2.42 0.00	48.05 2.42 0.00	44.20 1.78 0.00
BARRETT_IC_6 23709	39.47 1.44 0.00	38.15 1.26 0.00	36.23 0.99 0.00	36.02 0.88 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.69 1.95 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.40 1.26 0.00	36.97 1.22 0.00	36.32 1.33 0.00	39.64 1.38 0.00	46.37 1.87 0.00	54.68 2.41 0.00	68.73 2.38 0.00	75.59 3.46 0.00	66.13 2.91 0.00	54.91 2.42 0.00	48.05 2.42 0.00	44.20 1.78 0.00
BARRETT_IC_7 23710	39.43 1.41 0.00	38.07 1.18 0.00	36.24 0.99 0.00	36.02 0.88 0.00	37.22 0.80 0.00	44.85 1.14 0.00	64.69 1.58 0.00	80.70 2.43 0.00	64.69 1.95 0.00	43.31 1.94 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.47 1.34 0.00	37.04 1.29 0.00	36.39 1.40 0.00	39.72 1.45 0.00	46.41 1.91 0.00	54.68 2.40 0.00	68.80 2.45 0.00	75.52 3.39 0.00	66.13 2.91 0.00	54.86 2.36 0.00	47.96 2.33 0.00	44.11 1.70 0.00
BARRETT_IC_8 23711	39.47 1.44 0.00	38.15 1.26 0.00	36.23 0.99 0.00	36.02 0.88 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.69 1.95 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.40 1.26 0.00	36.97 1.22 0.00	36.32 1.33 0.00	39.64 1.38 0.00	46.37 1.87 0.00	54.68 2.41 0.00	68.73 2.38 0.00	75.59 3.46 0.00	66.13 2.91 0.00	54.91 2.42 0.00	48.05 2.42 0.00	44.20 1.78 0.00
BARRETT_IC_9 23700	39.47 1.44 0.00	38.15 1.26 0.00	36.23 0.99 0.00	36.02 0.88 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.69 1.95 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.40 1.26 0.00	36.97 1.22 0.00	36.32 1.33 0.00	39.64 1.38 0.00	46.37 1.87 0.00	54.68 2.41 0.00	68.73 2.38 0.00	75.59 3.46 0.00	66.13 2.91 0.00	54.91 2.42 0.00	48.05 2.42 0.00	44.20 1.78 0.00
BARRETT___1 23545	39.47 1.44 0.00	38.15 1.26 0.00	36.23 0.99 0.00	36.02 0.88 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.69 1.95 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.40 1.26 0.00	36.97 1.22 0.00	36.32 1.33 0.00	39.64 1.38 0.00	46.37 1.87 0.00	54.68 2.41 0.00	68.73 2.38 0.00	75.59 3.46 0.00	66.13 2.91 0.00	54.91 2.42 0.00	48.05 2.42 0.00	44.20 1.78 0.00
BARRETT___2 23546	39.47 1.44 0.00	38.15 1.26 0.00	36.23 0.99 0.00	36.02 0.88 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.69 1.95 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.40 1.26 0.00	36.97 1.22 0.00	36.32 1.33 0.00	39.64 1.38 0.00	46.37 1.87 0.00	54.68 2.41 0.00	68.73 2.38 0.00	75.59 3.46 0.00	66.13 2.91 0.00	54.91 2.42 0.00	48.05 2.42 0.00	44.20 1.78 0.00
BATAVIA__115KV_TB1 55881	37.76 -0.27 0.00	36.75 -0.15 0.00	35.35 0.11 0.00	35.11 -0.04 0.00	36.53 0.11 0.00	43.93 0.22 0.00	61.47 -1.64 0.00	75.61 -2.66 0.00	60.55 -2.20 0.00	40.00 -1.37 0.00	39.90 -1.23 0.00	37.03 -1.42 0.00	34.76 -1.37 0.00	34.54 -1.22 0.00	33.59 -1.40 0.00	36.85 -1.42 0.00	42.76 -1.74 0.00	50.24 -2.04 0.00	64.42 -1.92 0.00	69.53 -2.60 0.00	60.50 -2.72 0.00	50.60 -1.89 0.00	43.99 -1.64 0.00	41.48 -0.93 0.00
BAYONEEC___CTG1 323682	39.32 1.29 0.00	38.07 1.18 0.00	36.20 0.95 0.00	36.06 0.91 0.00	37.19 0.77 0.00	44.72 1.01 0.00	64.81 1.70 0.00	80.70 2.43 0.00	64.75 2.01 0.00	43.06 1.70 0.00	42.61 1.48 0.00	39.84 1.38 0.00	37.51 1.37 0.00	37.11 1.36 0.00	36.43 1.44 0.00	39.60 1.34 0.00	46.41 1.91 0.00	54.57 2.30 0.00	68.73 2.38 0.00	75.23 3.10 0.00	65.82 2.59 0.00	54.70 2.20 0.00	47.69 2.06 0.00	44.07 1.65 0.00
BAYONEEC___CTG10 323750	39.32 1.29 0.00	38.07 1.18 0.00	36.20 0.95 0.00	36.06 0.91 0.00	37.19 0.77 0.00	44.72 1.01 0.00	64.81 1.70 0.00	80.70 2.43 0.00	64.75 2.01 0.00	43.06 1.70 0.00	42.61 1.48 0.00	39.84 1.38 0.00	37.51 1.37 0.00	37.11 1.36 0.00	36.43 1.44 0.00	39.60 1.34 0.00	46.41 1.91 0.00	54.57 2.30 0.00	68.73 2.38 0.00	75.23 3.10 0.00	65.82 2.59 0.00	54.70 2.20 0.00	47.69 2.06 0.00	44.07 1.65 0.00
BAYONEEC___CTG2 323683	39.32 1.29 0.00	38.07 1.18 0.00	36.20 0.95 0.00	36.06 0.91 0.00	37.19 0.77 0.00	44.72 1.01 0.00	64.81 1.70 0.00	80.70 2.43 0.00	64.75 2.01 0.00	43.06 1.70 0.00	42.61 1.48 0.00	39.84 1.38 0.00	37.51 1.37 0.00	37.11 1.36 0.00	36.43 1.44 0.00	39.60 1.34 0.00	46.41 1.91 0.00	54.57 2.30 0.00	68.73 2.38 0.00	75.23 3.10 0.00	65.82 2.59 0.00	54.70 2.20 0.00	47.69 2.06 0.00	44.07 1.65 0.00
BAYONEEC___CTG3 323684	39.32 1.29 0.00	38.07 1.18 0.00	36.20 0.95 0.00	36.06 0.91 0.00	37.19 0.77 0.00	44.72 1.01 0.00	64.81 1.70 0.00	80.70 2.43 0.00	64.75 2.01 0.00	43.06 1.70 0.00	42.61 1.48 0.00	39.84 1.38 0.00	37.51 1.37 0.00	37.11 1.36 0.00	36.43 1.44 0.00	39.60 1.34 0.00	46.41 1.91 0.00	54.57 2.30 0.00	68.73 2.38 0.00	75.23 3.10 0.00	65.82 2.59 0.00	54.70 2.20 0.00	47.69 2.06 0.00	44.07 1.65 0.00
BAYONEEC___CTG4 323685	39.32 1.29 0.00	38.07 1.18 0.00	36.20 0.95 0.00	36.06 0.91 0.00	37.19 0.77 0.00	44.72 1.01 0.00	64.81 1.70 0.00	80.70 2.43 0.00	64.75 2.01 0.00	43.06 1.70 0.00	42.61 1.48 0.00	39.84 1.38 0.00	37.51 1.37 0.00	37.11 1.36 0.00	36.43 1.44 0.00	39.60 1.34 0.00	46.41 1.91 0.00	54.57 2.30 0.00	68.73 2.38 0.00	75.23 3.10 0.00	65.82 2.59 0.00	54.70 2.20 0.00	47.69 2.06 0.00	44.07 1.65 0.00
BAYONEEC___CTG5 323686	39.32 1.29 0.00	38.07 1.18 0.00	36.20 0.95 0.00	36.06 0.91 0.00	37.19 0.77 0.00	44.72 1.01 0.00	64.81 1.70 0.00	80.70 2.43 0.00	64.75 2.01 0.00	43.06 1.70 0.00	42.61 1.48 0.00	39.84 1.38 0.00	37.51 1.37 0.00	37.11 1.36 0.00	36.43 1.44 0.00	39.60 1.34 0.00	46.41 1.91 0.00	54.57 2.30 0.00	68.73 2.38 0.00	75.23 3.10 0.00	65.82 2.59 0.00	54.70 2.20 0.00	47.69 2.06 0.00	44.07 1.65 0.00
BAYONEEC___CTG6 323687	39.32 1.29 0.00	38.07 1.18 0.00	36.20 0.95 0.00	36.06 0.91 0.00	37.19 0.77 0.00	44.72 1.01 0.00	64.81 1.70 0.00	80.70 2.43 0.00	64.75 2.01 0.00	43.06 1.70 0.00	42.61 1.48 0.00	39.84 1.38 0.00	37.51 1.37 0.00	37.11 1.36 0.00	36.43 1.44 0.00	39.60 1.34 0.00	46.41 1.91 0.00	54.57 2.30 0.00	68.73 2.38 0.00	75.23 3.10 0.00	65.82 2.59 0.00	54.70 2.20 0.00	47.69 2.06 0.00	44.07 1.65 0.00

BAYONEEC___CTG7 323688	39.32 1.29 0.00	38.07 1.18 0.00	36.20 0.95 0.00	36.06 0.91 0.00	37.19 0.77 0.00	44.72 1.01 0.00	64.81 1.70 0.00	80.70 2.43 0.00	64.75 2.01 0.00	43.06 1.70 0.00	42.61 1.48 0.00	39.84 1.38 0.00	37.51 1.37 0.00	37.11 1.36 0.00	36.43 1.44 0.00	39.60 1.34 0.00	46.41 1.91 0.00	54.57 2.30 0.00	68.73 2.38 0.00	75.23 3.10 0.00	65.82 2.59 0.00	54.70 2.20 0.00	47.69 2.06 0.00	44.07 1.65 0.00
BAYONEEC___CTG8 323689	39.32 1.29 0.00	38.07 1.18 0.00	36.20 0.95 0.00	36.06 0.91 0.00	37.19 0.77 0.00	44.72 1.01 0.00	64.81 1.70 0.00	80.70 2.43 0.00	64.75 2.01 0.00	43.06 1.70 0.00	42.61 1.48 0.00	39.84 1.38 0.00	37.51 1.37 0.00	37.11 1.36 0.00	36.43 1.44 0.00	39.60 1.34 0.00	46.41 1.91 0.00	54.57 2.30 0.00	68.73 2.38 0.00	75.23 3.10 0.00	65.82 2.59 0.00	54.70 2.20 0.00	47.69 2.06 0.00	44.07 1.65 0.00
BAYONEEC___CTG9 323749	39.32 1.29 0.00	38.07 1.18 0.00	36.20 0.95 0.00	36.06 0.91 0.00	37.19 0.77 0.00	44.72 1.01 0.00	64.81 1.70 0.00	80.70 2.43 0.00	64.75 2.01 0.00	43.06 1.70 0.00	42.61 1.48 0.00	39.84 1.38 0.00	37.51 1.37 0.00	37.11 1.36 0.00	36.43 1.44 0.00	39.60 1.34 0.00	46.41 1.91 0.00	54.57 2.30 0.00	68.73 2.38 0.00	75.23 3.10 0.00	65.82 2.59 0.00	54.70 2.20 0.00	47.69 2.06 0.00	44.07 1.65 0.00
BEACON___LESR 323632	39.62 1.60 0.00	38.37 1.48 0.00	36.59 1.34 0.00	36.45 1.30 0.00	37.73 1.31 0.00	45.42 1.70 0.00	65.70 2.59 0.00	81.80 3.53 0.00	65.50 2.76 0.00	42.98 1.61 0.00	42.53 1.40 0.00	39.80 1.35 0.00	37.40 1.26 0.00	37.01 1.25 0.00	36.04 1.05 0.00	39.02 1.15 0.39	45.45 1.47 0.51	53.55 1.94 0.66	67.80 2.38 0.93	73.98 2.81 0.96	64.90 2.46 0.79	53.87 2.05 0.67	46.87 1.78 0.54	44.03 1.61 0.00
BEAVER RIVER___HYD 24048	37.84 -0.19 0.00	36.71 -0.18 0.00	35.04 -0.21 0.00	35.29 0.14 0.00	36.68 0.26 0.00	44.10 0.39 0.00	63.93 0.82 0.00	79.60 1.33 0.00	63.69 0.94 0.00	41.45 0.08 0.00	41.09 -0.04 0.00	38.38 -0.08 0.00	35.99 -0.14 0.00	35.65 -0.11 0.00	34.85 -0.14 0.00	38.19 -0.08 0.00	44.50 0.00 0.00	52.64 0.37 0.00	67.40 1.06 0.00	73.50 1.37 0.00	64.30 1.07 0.00	53.18 0.68 0.00	45.63 0.00 0.00	42.21 -0.21 0.00
BEEBEE_GT_13 23619	37.15 -0.87 0.00	36.12 -0.77 0.00	34.68 -0.56 0.00	34.51 -0.63 0.00	35.84 -0.58 0.00	43.01 -0.70 0.00	60.71 -2.40 0.00	74.91 -3.37 0.00	60.11 -2.64 0.00	39.75 -1.61 0.00	39.70 -1.44 0.00	36.99 -1.46 0.00	34.73 -1.41 0.00	34.47 -1.29 0.00	33.59 -1.40 0.00	36.81 -1.45 0.00	42.67 -1.82 0.00	50.03 -2.25 0.00	63.89 -2.45 0.00	69.03 -3.10 0.00	60.19 -3.03 0.00	50.19 -2.31 0.00	43.67 -1.96 0.00	40.97 -1.44 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.09 2.05 -0.01	57.07 1.88 -18.29	36.88 1.62 -0.01	36.70 1.55 -0.01	37.85 1.42 -0.01	45.46 1.75 0.00	65.57 2.46 0.00	81.79 3.52 0.00	65.38 2.64 0.00	57.97 2.44 -14.16	57.88 2.14 -14.61	57.90 2.04 -17.40	57.91 2.06 -19.71	57.87 2.00 -20.11	57.86 2.06 -20.80	58.67 2.03 -18.38	60.91 2.67 -13.74	62.27 3.14 -6.86	69.60 3.25 0.00	76.17 4.04 0.00	66.70 3.48 0.00	62.22 2.99 -6.73	59.47 2.65 -11.18	57.84 2.38 -13.05
BETHLEHEM___GRP 23843	39.13 1.10 0.00	37.89 1.00 0.00	36.13 0.88 0.00	36.02 0.88 0.00	37.26 0.84 0.00	44.76 1.05 0.00	64.75 1.64 0.00	80.38 2.11 0.00	64.50 1.76 0.00	42.48 1.12 0.00	42.12 0.99 0.00	39.45 1.00 0.00	37.04 0.90 0.00	36.65 0.89 0.00	35.73 0.73 0.00	39.03 0.77 0.00	45.52 1.02 0.00	53.53 1.25 0.00	67.80 1.46 0.00	73.93 1.80 0.00	64.87 1.64 0.00	53.91 1.42 0.00	46.87 1.23 0.00	43.56 1.15 0.00
BETHLEHEM___GS1 323560	39.13 1.10 0.00	37.89 1.00 0.00	36.13 0.88 0.00	36.02 0.88 0.00	37.26 0.84 0.00	44.76 1.05 0.00	64.75 1.64 0.00	80.46 2.19 0.00	64.50 1.75 0.00	42.48 1.12 0.00	42.12 0.99 0.00	39.42 0.96 0.00	37.04 0.90 0.00	36.61 0.86 0.00	35.73 0.74 0.00	39.03 0.76 0.00	45.48 0.98 0.00	53.53 1.25 0.00	67.80 1.46 0.00	74.00 1.87 0.00	64.86 1.64 0.00	53.86 1.36 0.00	46.87 1.23 0.00	43.56 1.15 0.00
BETHLEHEM___GS2 323561	39.13 1.10 0.00	37.89 1.00 0.00	36.13 0.88 0.00	36.02 0.88 0.00	37.26 0.84 0.00	44.76 1.05 0.00	64.75 1.64 0.00	80.46 2.19 0.00	64.50 1.75 0.00	42.48 1.12 0.00	42.12 0.99 0.00	39.42 0.96 0.00	37.04 0.90 0.00	36.61 0.86 0.00	35.73 0.74 0.00	39.03 0.76 0.00	45.48 0.98 0.00	53.53 1.25 0.00	67.80 1.46 0.00	74.00 1.87 0.00	64.86 1.64 0.00	53.86 1.36 0.00	46.87 1.23 0.00	43.56 1.15 0.00
BETHLEHEM___GS3 323562	39.13 1.10 0.00	37.89 1.00 0.00	36.13 0.88 0.00	36.02 0.88 0.00	37.26 0.84 0.00	44.76 1.05 0.00	64.75 1.64 0.00	80.46 2.19 0.00	64.50 1.75 0.00	42.48 1.12 0.00	42.12 0.99 0.00	39.42 0.96 0.00	37.04 0.90 0.00	36.61 0.86 0.00	35.73 0.74 0.00	39.03 0.76 0.00	45.48 0.98 0.00	53.53 1.25 0.00	67.80 1.46 0.00	74.00 1.87 0.00	64.86 1.64 0.00	53.86 1.36 0.00	46.87 1.23 0.00	43.56 1.15 0.00
BETHLEHEM___STEEL 23779	37.53 -0.49 0.00	36.45 -0.44 0.00	35.04 -0.21 0.00	34.83 -0.32 0.00	36.20 -0.22 0.00	43.54 -0.17 0.00	60.71 -2.40 0.00	73.89 -4.38 0.00	59.36 -3.39 0.00	39.54 -1.82 0.00	39.53 -1.60 0.00	36.72 -1.73 0.00	34.44 -1.70 0.00	34.22 -1.54 0.00	33.24 -1.75 0.00	36.35 -1.91 0.00	42.18 -2.31 0.00	49.35 -2.93 0.00	63.29 -3.05 0.00	67.87 -4.26 0.00	58.92 -4.30 0.00	49.50 -2.99 0.00	43.31 -2.33 0.00	41.10 -1.31 0.00
BETHLHEM_115KV_TB1 79974	39.09 1.06 0.00	37.85 0.96 0.00	36.09 0.85 0.00	35.99 0.84 0.00	37.22 0.80 0.00	44.72 1.01 0.00	64.69 1.58 0.00	80.23 1.96 0.00	64.44 1.69 0.00	42.44 1.08 0.00	42.08 0.95 0.00	39.42 0.96 0.00	37.00 0.87 0.00	36.61 0.86 0.00	35.69 0.70 0.00	38.99 0.73 0.00	45.43 0.93 0.00	53.48 1.20 0.00	67.74 1.39 0.00	73.86 1.73 0.00	64.80 1.58 0.00	53.81 1.31 0.00	46.78 1.14 0.00	43.52 1.10 0.00
BETHPAGE_CC_5 323564	39.62 1.60 0.00	38.30 1.40 0.00	36.34 1.09 0.00	36.13 0.98 0.00	37.37 0.95 0.00	44.93 1.22 0.00	65.13 2.02 0.00	81.32 3.05 0.00	65.13 2.38 0.00	43.43 2.07 0.00	42.99 1.85 0.00	40.19 1.73 0.00	37.65 1.52 0.00	37.22 1.47 0.00	36.60 1.61 0.00	39.94 1.68 0.00	46.63 2.14 0.00	55.15 2.87 0.00	69.46 3.12 0.00	76.46 4.33 0.00	66.89 3.67 0.00	55.33 2.83 0.00	48.33 2.69 0.00	44.37 1.95 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.61 -0.42 0.00	36.49 -0.41 0.00	35.11 -0.14 0.00	34.90 -0.25 0.00	36.27 -0.15 0.00	43.62 -0.09 0.00	60.84 -2.27 0.00	74.04 -4.23 0.00	59.48 -3.26 0.00	39.63 -1.74 0.00	39.61 -1.52 0.00	36.80 -1.65 0.00	34.51 -1.63 0.00	34.29 -1.47 0.00	33.31 -1.68 0.00	36.43 -1.84 0.00	42.27 -2.22 0.00	49.40 -2.88 0.00	63.36 -2.99 0.00	68.02 -4.11 0.00	59.05 -4.17 0.00	49.61 -2.89 0.00	43.35 -2.28 0.00	41.19 -1.23 0.00

BINGHAMTON___COGEN 23790	38.03 0.00 0.00	36.89 0.00 0.00	35.32 0.07 0.00	35.18 0.04 0.00	36.49 0.07 0.00	43.80 0.09 0.00	62.86 -0.25 0.00	77.64 -0.63 0.00	62.18 -0.56 0.00	41.07 -0.29 0.00	40.81 -0.33 0.00	38.11 -0.35 0.00	35.77 -0.36 0.00	35.43 -0.32 0.00	34.61 -0.38 0.00	37.84 -0.42 0.00	44.01 -0.49 0.00	51.75 -0.52 0.00	65.95 -0.40 0.00	71.55 -0.58 0.00	62.46 -0.76 0.00	51.97 -0.52 0.00	45.13 -0.50 0.00	42.20 -0.21 0.00
BIXINCNT_115KV_LOAD 355685	37.99 -0.04 0.00	36.86 -0.04 0.00	35.53 0.28 0.00	35.36 0.21 0.00	36.75 0.33 0.00	44.15 0.44 0.00	61.97 -1.14 0.00	75.30 -2.97 0.00	60.30 -2.45 0.00	40.16 -1.20 0.00	40.02 -1.11 0.00	37.15 -1.31 0.00	34.80 -1.34 0.00	34.54 -1.22 0.00	33.49 -1.50 0.00	36.46 -1.80 0.00	42.27 -2.22 0.00	49.45 -2.82 0.00	63.29 -3.05 0.00	68.16 -3.97 0.00	59.43 -3.79 0.00	50.03 -2.47 0.00	43.76 -1.87 0.00	41.65 -0.76 0.00
BLACK RIVER___HYD 24047	37.88 -0.15 0.00	36.67 -0.22 0.00	35.04 -0.21 0.00	35.18 0.04 0.00	36.57 0.15 0.00	43.93 0.22 0.00	63.55 0.44 0.00	79.37 1.10 0.00	63.37 0.63 0.00	41.16 -0.21 0.00	40.85 -0.29 0.00	38.15 -0.31 0.00	35.70 -0.43 0.00	35.36 -0.39 0.00	34.57 -0.42 0.00	37.88 -0.38 0.00	44.05 -0.44 0.00	52.22 -0.05 0.00	67.14 0.80 0.00	73.35 1.22 0.00	64.11 0.88 0.00	53.02 0.52 0.00	45.54 -0.09 0.00	42.16 -0.25 0.00
BLACKRVR_115KV_TB2 79977	37.88 -0.15 0.00	36.71 -0.18 0.00	35.04 -0.21 0.00	35.18 0.04 0.00	36.57 0.15 0.00	43.93 0.22 0.00	63.55 0.44 0.00	79.44 1.17 0.00	63.37 0.63 0.00	41.16 -0.21 0.00	40.89 -0.25 0.00	38.15 -0.31 0.00	35.70 -0.43 0.00	35.36 -0.39 0.00	34.57 -0.42 0.00	37.88 -0.38 0.00	44.05 -0.44 0.00	52.22 -0.05 0.00	67.14 0.80 0.00	73.43 1.30 0.00	64.11 0.89 0.00	52.97 0.47 0.00	45.54 -0.09 0.00	42.16 -0.25 0.00
BLISS_WT_PWR 323608	37.99 -0.04 0.00	36.75 -0.15 0.00	35.53 0.28 0.00	35.32 0.18 0.00	36.75 0.33 0.00	44.15 0.44 0.00	61.97 -1.13 0.00	75.06 -3.21 0.00	60.36 -2.38 0.00	40.08 -1.28 0.00	39.86 -1.28 0.00	37.11 -1.35 0.00	34.80 -1.34 0.00	34.50 -1.25 0.00	33.35 -1.64 0.00	36.39 -1.87 0.00	42.14 -2.36 0.00	49.35 -2.93 0.00	63.10 -3.25 0.00	67.73 -4.40 0.00	59.30 -3.92 0.00	49.98 -2.52 0.00	43.76 -1.87 0.00	41.65 -0.76 0.00
BLUESTONE___WT_PWR 323821	39.51 1.48 0.00	38.33 1.44 0.00	36.69 1.45 0.00	36.69 1.54 0.00	38.13 1.71 0.00	45.90 2.18 0.00	66.39 3.28 0.00	82.89 4.62 0.00	66.32 3.57 0.00	43.27 1.90 0.00	42.74 1.60 0.00	39.92 1.46 0.00	37.40 1.26 0.00	37.11 1.36 0.00	36.29 1.30 0.00	39.79 1.53 0.00	46.45 1.96 0.00	54.89 2.61 0.00	69.99 3.65 0.00	75.80 3.68 0.00	65.88 2.65 0.00	54.49 1.99 0.00	47.14 1.50 0.00	43.90 1.48 0.00
BLUE_CIRC_CHEM_DRP 24182	39.21 1.18 0.00	38.00 1.11 0.00	36.24 0.99 0.00	36.13 0.98 0.00	37.40 0.98 0.00	44.89 1.18 0.00	64.88 1.77 0.00	80.46 2.19 0.00	64.56 1.82 0.00	42.36 0.99 0.00	41.96 0.82 0.00	39.26 0.81 0.00	36.89 0.76 0.00	36.51 0.75 0.00	35.48 0.49 0.00	32.20 -0.23 5.83	36.81 -0.09 7.60	42.46 0.00 9.82	52.61 0.00 13.74	58.16 0.22 14.18	51.79 0.25 11.69	42.80 0.21 9.91	37.89 0.23 7.97	42.63 0.21 0.00
BOC_GAS_DRP 24189	38.79 0.76 0.00	37.60 0.70 0.00	35.85 0.60 0.00	35.74 0.60 0.00	36.97 0.55 0.00	44.37 0.66 0.00	64.18 1.07 0.00	79.60 1.33 0.00	64.00 1.25 0.00	42.19 0.83 0.00	41.88 0.74 0.00	39.19 0.73 0.00	36.82 0.69 0.00	36.40 0.64 0.00	35.48 0.49 0.00	39.05 0.46 -0.33	45.60 0.67 -0.43	53.61 0.78 -0.56	67.98 0.86 -0.78	74.08 1.15 -0.80	64.96 1.07 -0.66	53.95 0.89 -0.56	46.91 0.82 -0.45	43.18 0.76 0.00
BOONVILLE_115KV_TB1 79983	38.60 0.57 0.00	37.41 0.52 0.00	35.74 0.49 0.00	35.81 0.67 0.00	37.18 0.76 0.00	44.67 0.96 0.00	64.69 1.58 0.00	80.62 2.35 0.00	64.50 1.76 0.00	42.19 0.83 0.00	41.88 0.74 0.00	39.11 0.65 0.00	36.68 0.54 0.00	36.33 0.57 0.00	35.55 0.56 0.00	38.95 0.69 0.00	45.39 0.89 0.00	53.53 1.25 0.00	68.27 1.92 0.00	74.29 2.16 0.00	64.93 1.71 0.00	53.81 1.31 0.00	46.41 0.78 0.00	43.01 0.59 0.00
BORALEX_4TH_BRANCH 23824	39.36 1.33 0.00	38.07 1.18 0.00	36.27 1.02 0.00	36.16 1.02 0.00	37.40 0.98 0.00	44.89 1.18 0.00	65.19 2.08 0.00	80.54 2.27 0.00	64.31 1.57 0.00	42.52 1.16 0.00	42.25 1.11 0.00	39.61 1.15 0.00	37.15 1.01 0.00	36.61 0.86 0.00	36.04 1.05 0.00	39.56 1.30 0.00	46.19 1.69 0.00	54.21 1.93 0.00	68.73 2.39 0.00	74.87 2.74 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.69 2.05 0.00	44.41 1.99 0.00
BOWLINE___1 23526	38.90 0.88 0.00	37.67 0.78 0.00	35.88 0.64 0.00	35.70 0.56 0.00	36.86 0.44 0.00	44.32 0.61 0.00	64.25 1.14 0.00	79.99 1.72 0.00	64.12 1.38 0.00	42.52 1.16 0.00	42.08 0.95 0.00	39.30 0.84 0.00	36.97 0.83 0.00	36.58 0.82 0.00	35.87 0.88 0.00	39.07 0.80 0.00	45.70 1.20 0.00	53.79 1.52 0.00	68.07 1.72 0.00	74.44 2.31 0.00	65.18 1.96 0.00	54.12 1.63 0.00	47.14 1.50 0.00	43.56 1.15 0.00
BOWLINE___2 23595	38.90 0.88 0.00	37.67 0.78 0.00	35.88 0.64 0.00	35.70 0.56 0.00	36.86 0.44 0.00	44.32 0.61 0.00	64.25 1.14 0.00	79.99 1.72 0.00	64.12 1.38 0.00	42.52 1.16 0.00	42.08 0.95 0.00	39.30 0.84 0.00	36.97 0.83 0.00	36.58 0.82 0.00	35.87 0.88 0.00	39.07 0.80 0.00	45.70 1.20 0.00	53.79 1.52 0.00	68.07 1.72 0.00	74.44 2.31 0.00	65.18 1.96 0.00	54.12 1.63 0.00	47.14 1.50 0.00	43.56 1.15 0.00
BRADY___115KV_TB2 356060	38.75 0.72 0.00	37.74 0.85 0.00	35.95 0.70 0.00	35.99 0.84 0.00	37.51 1.09 0.00	45.02 1.31 0.00	65.38 2.27 0.00	80.78 2.50 0.00	64.94 2.20 0.00	42.27 0.91 0.00	41.96 0.82 0.00	39.19 0.73 0.00	36.79 0.65 0.00	36.43 0.68 0.00	35.62 0.63 0.00	39.03 0.77 0.00	45.48 0.98 0.00	53.74 1.46 0.00	68.47 2.12 0.00	74.22 2.09 0.00	65.25 2.02 0.00	54.12 1.63 0.00	46.87 1.23 0.00	43.44 1.02 0.00
BRANSCOMB___SOLAR 323811	39.36 1.33 0.00	38.15 1.26 0.00	36.38 1.13 0.00	36.27 1.12 0.00	37.55 1.13 0.00	45.20 1.49 0.00	65.44 2.34 0.00	81.48 3.21 0.00	64.88 2.13 0.00	42.81 1.45 0.00	42.25 1.11 0.00	39.49 1.04 0.00	37.15 1.01 0.00	36.72 0.97 0.00	36.08 1.09 0.00	39.75 1.49 0.00	46.45 1.96 0.00	54.37 2.09 0.00	69.07 2.72 0.00	75.45 3.32 0.00	66.07 2.85 0.00	54.75 2.26 0.00	47.60 1.96 0.00	44.24 1.82 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	40.08 2.05 0.00	38.63 1.73 0.00	36.76 1.52 0.00	36.55 1.41 0.00	37.77 1.35 0.00	45.50 1.79 0.00	66.07 2.97 0.00	82.73 4.46 0.00	66.07 3.33 0.00	44.14 2.77 0.00	43.36 2.22 0.00	40.53 2.08 0.00	37.94 1.81 0.00	37.51 1.75 0.00	36.92 1.92 0.00	40.41 2.14 0.00	47.12 2.63 0.00	55.88 3.61 0.00	70.46 4.11 0.00	77.61 5.48 0.00	67.96 4.74 0.00	56.01 3.52 0.00	48.92 3.29 0.00	44.79 2.38 0.00

BRISTLHL_115KV_TB1 79998	36.92 -1.10 0.00	35.82 -1.07 0.00	34.33 -0.92 0.00	34.20 -0.95 0.00	35.44 -0.98 0.00	42.44 -1.27 0.00	61.03 -2.08 0.00	75.69 -2.58 0.00	60.61 -2.13 0.00	40.00 -1.37 0.00	39.94 -1.19 0.00	37.34 -1.12 0.00	35.02 -1.12 0.00	34.68 -1.07 0.00	33.91 -1.08 0.00	37.08 -1.19 0.00	42.94 -1.56 0.00	50.34 -1.93 0.00	64.09 -2.26 0.00	69.68 -2.45 0.00	60.95 -2.28 0.00	50.60 -1.89 0.00	43.95 -1.69 0.00	40.97 -1.44 0.00
BROOKHAVEN___DRP 24191	39.17 1.14 0.00	37.82 0.92 0.00	35.95 0.70 0.00	35.74 0.60 0.00	37.04 0.62 0.00	44.41 0.70 0.00	64.37 1.26 0.00	80.70 2.43 0.00	64.00 1.25 0.00	43.06 1.70 0.00	42.12 0.99 0.00	39.49 1.04 0.00	36.82 0.69 0.00	36.47 0.72 0.00	35.90 0.91 0.00	39.56 1.30 0.00	45.83 1.33 0.00	54.57 2.30 0.00	68.67 2.32 0.00	75.73 3.61 0.00	66.64 3.41 0.00	54.49 1.99 0.00	47.64 2.01 0.00	43.60 1.19 0.00
BROOKLYN_NAVY_YARD 23515	39.28 1.25 0.00	38.07 1.18 0.00	36.16 0.91 0.00	36.02 0.88 0.00	37.15 0.73 0.00	44.67 0.96 0.00	64.75 1.64 0.00	80.70 2.43 0.00	64.75 2.01 0.00	43.10 1.74 0.00	42.61 1.48 0.00	39.84 1.38 0.00	37.51 1.37 0.00	37.11 1.36 0.00	36.43 1.44 0.00	39.60 1.34 0.00	46.41 1.91 0.00	54.57 2.30 0.00	68.80 2.46 0.00	75.30 3.17 0.00	65.88 2.65 0.00	54.70 2.20 0.00	47.69 2.06 0.00	44.07 1.65 0.00
BROOKLYN___ARMY_DRP 323595	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
BROOKVLE_69_KV_TB1 55790	39.78 1.75 0.00	38.37 1.48 0.00	36.48 1.23 0.00	36.30 1.16 0.00	37.48 1.06 0.00	45.15 1.44 0.00	65.44 2.34 0.00	81.79 3.52 0.00	65.51 2.76 0.00	43.76 2.40 0.00	43.11 1.97 0.00	40.34 1.88 0.00	37.83 1.70 0.00	37.40 1.64 0.00	36.78 1.78 0.00	40.14 1.87 0.00	46.90 2.40 0.00	55.36 3.08 0.00	69.79 3.45 0.00	76.74 4.62 0.00	67.08 3.86 0.00	55.54 3.04 0.00	48.42 2.78 0.00	44.50 2.08 0.00
BROOME_2_LFGE 323671	38.03 0.00 0.00	36.86 -0.04 0.00	35.32 0.07 0.00	35.18 0.04 0.00	36.49 0.07 0.00	43.80 0.09 0.00	62.86 -0.25 0.00	77.56 -0.71 0.00	62.18 -0.57 0.00	41.03 -0.33 0.00	40.76 -0.37 0.00	38.07 -0.38 0.00	35.74 -0.40 0.00	35.40 -0.36 0.00	34.61 -0.38 0.00	37.84 -0.42 0.00	44.01 -0.49 0.00	51.75 -0.52 0.00	65.95 -0.40 0.00	71.48 -0.65 0.00	62.47 -0.76 0.00	51.97 -0.52 0.00	45.18 -0.46 0.00	42.21 -0.21 0.00
BROOME___LFGE 323600	38.03 0.00 0.00	36.86 -0.04 0.00	35.32 0.07 0.00	35.18 0.04 0.00	36.49 0.07 0.00	43.80 0.09 0.00	62.86 -0.25 0.00	77.56 -0.71 0.00	62.18 -0.57 0.00	41.03 -0.33 0.00	40.76 -0.37 0.00	38.07 -0.38 0.00	35.74 -0.40 0.00	35.40 -0.36 0.00	34.61 -0.38 0.00	37.84 -0.42 0.00	44.01 -0.49 0.00	51.75 -0.52 0.00	65.95 -0.40 0.00	71.48 -0.65 0.00	62.47 -0.76 0.00	51.97 -0.52 0.00	45.18 -0.46 0.00	42.21 -0.21 0.00
BROWNFLS_115KV_TB_3_5 80003	37.76 -0.27 0.00	36.71 -0.18 0.00	35.04 -0.21 0.00	35.18 0.04 0.00	36.64 0.22 0.00	44.02 0.31 0.00	63.87 0.76 0.00	79.29 1.02 0.00	63.62 0.88 0.00	41.41 0.04 0.00	41.09 -0.04 0.00	38.38 -0.08 0.00	35.99 -0.14 0.00	35.65 -0.11 0.00	34.85 -0.14 0.00	38.22 -0.04 0.00	44.50 0.00 0.00	52.59 0.31 0.00	67.21 0.86 0.00	72.99 0.87 0.00	63.98 0.76 0.00	52.97 0.47 0.00	45.63 0.00 0.00	42.25 -0.17 0.00
BROWNSV1_27_KV_LOAD 356125	39.62 1.60 0.00	38.33 1.44 0.00	36.45 1.20 0.00	36.30 1.16 0.00	37.44 1.02 0.00	45.11 1.40 0.00	65.32 2.21 0.00	81.48 3.21 0.00	65.25 2.51 0.00	43.47 2.11 0.00	42.94 1.81 0.00	40.15 1.69 0.00	37.87 1.73 0.00	37.47 1.72 0.00	36.74 1.75 0.00	39.95 1.68 0.00	46.81 2.31 0.00	55.04 2.77 0.00	69.40 3.05 0.00	75.95 3.82 0.00	66.51 3.29 0.00	55.17 2.68 0.00	47.96 2.33 0.00	44.33 1.91 0.00
BURROWS___LYONSDAL 23803	38.41 0.38 0.00	37.23 0.33 0.00	35.57 0.32 0.00	35.74 0.60 0.00	37.08 0.66 0.00	44.54 0.83 0.00	64.50 1.39 0.00	80.46 2.19 0.00	64.38 1.63 0.00	42.07 0.70 0.00	41.71 0.58 0.00	38.95 0.50 0.00	36.53 0.40 0.00	36.18 0.43 0.00	35.41 0.42 0.00	38.80 0.54 0.00	45.21 0.71 0.00	53.37 1.10 0.00	68.14 1.79 0.00	74.15 2.02 0.00	64.80 1.58 0.00	53.65 1.15 0.00	46.18 0.55 0.00	42.80 0.38 0.00
CAITHNESS_CC_1 323624	39.36 1.33 0.00	38.11 1.22 0.00	36.02 0.77 0.00	35.78 0.63 0.00	37.04 0.62 0.00	44.45 0.74 0.00	64.50 1.39 0.00	80.70 2.43 0.00	64.19 1.44 0.00	42.73 1.36 0.00	42.25 1.11 0.00	39.61 1.15 0.00	36.90 0.76 0.00	36.54 0.79 0.00	35.97 0.98 0.00	39.52 1.26 0.00	45.92 1.42 0.00	54.63 2.35 0.00	68.73 2.38 0.00	75.80 3.68 0.00	66.57 3.35 0.00	54.65 2.15 0.00	47.78 2.15 0.00	43.77 1.36 0.00
CALPINE BETH_PAGE_GT4 24209	39.51 1.48 0.00	38.11 1.22 0.00	36.27 1.02 0.00	36.06 0.91 0.00	37.26 0.84 0.00	44.89 1.18 0.00	64.94 1.83 0.00	81.24 2.97 0.00	65.00 2.26 0.00	43.52 2.15 0.00	42.99 1.85 0.00	40.19 1.73 0.00	37.69 1.55 0.00	37.26 1.50 0.00	36.64 1.64 0.00	40.02 1.76 0.00	46.63 2.14 0.00	55.04 2.77 0.00	69.33 2.99 0.00	76.24 4.11 0.00	66.76 3.54 0.00	55.17 2.68 0.00	48.14 2.51 0.00	44.20 1.78 0.00
CALPINE_BETH_PAGE_GT_4 323586	39.55 1.52 0.00	38.22 1.33 0.00	36.27 1.02 0.00	36.06 0.91 0.00	37.26 0.84 0.00	44.85 1.13 0.00	64.94 1.83 0.00	81.08 2.81 0.00	65.00 2.26 0.00	43.39 2.03 0.00	42.99 1.85 0.00	40.19 1.73 0.00	37.65 1.52 0.00	37.22 1.47 0.00	36.60 1.61 0.00	39.99 1.72 0.00	46.59 2.09 0.00	54.99 2.72 0.00	69.33 2.99 0.00	76.24 4.11 0.00	66.70 3.47 0.00	55.22 2.73 0.00	48.23 2.60 0.00	44.28 1.86 0.00
CALPINE_BP_GT1 23823	39.55 1.52 0.00	38.22 1.33 0.00	36.27 1.02 0.00	36.06 0.91 0.00	37.26 0.84 0.00	44.85 1.13 0.00	64.94 1.83 0.00	81.08 2.81 0.00	65.00 2.26 0.00	43.39 2.03 0.00	42.99 1.85 0.00	40.19 1.73 0.00	37.65 1.52 0.00	37.22 1.47 0.00	36.60 1.61 0.00	39.99 1.72 0.00	46.59 2.09 0.00	54.99 2.72 0.00	69.33 2.99 0.00	76.24 4.11 0.00	66.70 3.47 0.00	55.22 2.73 0.00	48.23 2.60 0.00	44.28 1.86 0.00
CALSPAN___DRP 24200	37.53 -0.49 0.00	36.45 -0.44 0.00	35.04 -0.21 0.00	34.83 -0.32 0.00	36.20 -0.22 0.00	43.54 -0.17 0.00	60.71 -2.40 0.00	73.89 -4.38 0.00	59.36 -3.39 0.00	39.54 -1.82 0.00	39.53 -1.60 0.00	36.72 -1.73 0.00	34.44 -1.70 0.00	34.22 -1.54 0.00	33.24 -1.75 0.00	36.35 -1.91 0.00	42.18 -2.31 0.00	49.35 -2.93 0.00	63.29 -3.05 0.00	67.87 -4.26 0.00	58.92 -4.30 0.00	49.50 -2.99 0.00	43.31 -2.33 0.00	41.10 -1.31 0.00

CALVERTON___SOLAR 323806	39.32 1.29 0.00	38.15 1.26 0.00	35.95 0.70 0.00	35.70 0.56 0.00	36.93 0.51 0.00	44.37 0.66 0.00	64.37 1.26 0.00	80.62 2.35 0.00	63.93 1.19 0.00	42.52 1.16 0.00	42.04 0.90 0.00	39.42 0.96 0.00	36.64 0.51 0.00	36.33 0.57 0.00	35.80 0.81 0.00	39.45 1.19 0.00	45.70 1.20 0.00	54.52 2.25 0.00	68.67 2.32 0.00	75.73 3.60 0.00	66.63 3.41 0.00	54.49 1.99 0.00	47.64 2.01 0.00	43.65 1.23 0.00
CANDIGU_WT_PWR 323617	37.61 -0.42 0.00	36.45 -0.44 0.00	35.14 -0.11 0.00	34.93 -0.21 0.00	36.31 -0.11 0.00	43.63 -0.09 0.00	61.66 -1.45 0.00	75.46 -2.81 0.00	60.42 -2.32 0.00	39.92 -1.45 0.00	39.57 -1.56 0.00	36.95 -1.50 0.00	34.65 -1.48 0.00	34.29 -1.47 0.00	33.38 -1.61 0.00	36.58 -1.68 0.00	42.63 -1.87 0.00	50.08 -2.19 0.00	64.16 -2.19 0.00	69.17 -2.96 0.00	60.38 -2.84 0.00	50.45 -2.05 0.00	43.90 -1.73 0.00	41.36 -1.06 0.00
CARR STREET_E_SYR 24060	37.30 -0.72 0.00	36.16 -0.74 0.00	34.65 -0.60 0.00	34.51 -0.63 0.00	35.77 -0.65 0.00	42.88 -0.83 0.00	61.59 -1.52 0.00	76.39 -1.88 0.00	61.24 -1.51 0.00	40.41 -0.95 0.00	40.31 -0.82 0.00	37.69 -0.77 0.00	35.38 -0.76 0.00	35.04 -0.71 0.00	34.26 -0.74 0.00	37.50 -0.76 0.00	43.39 -1.11 0.00	50.87 -1.41 0.00	64.75 -1.59 0.00	70.25 -1.88 0.00	61.45 -1.77 0.00	51.08 -1.41 0.00	44.36 -1.28 0.00	41.36 -1.06 0.00
CARTHAGE___PAPER 23857	37.84 -0.19 0.00	36.71 -0.18 0.00	35.04 -0.21 0.00	35.25 0.11 0.00	36.64 0.22 0.00	44.06 0.35 0.00	63.87 0.76 0.00	79.68 1.41 0.00	63.62 0.88 0.00	41.36 0.00 0.00	41.01 -0.12 0.00	38.30 -0.15 0.00	35.88 -0.25 0.00	35.54 -0.21 0.00	34.75 -0.24 0.00	38.07 -0.19 0.00	44.37 -0.13 0.00	52.54 0.26 0.00	67.40 1.06 0.00	73.57 1.44 0.00	64.36 1.14 0.00	53.18 0.68 0.00	45.68 0.05 0.00	42.25 -0.17 0.00
CASSADAGA_WT_PWR 323784	37.68 -0.34 0.00	36.30 -0.59 0.00	34.97 -0.28 0.00	34.69 -0.46 0.00	36.09 -0.33 0.00	43.45 -0.26 0.00	61.34 -1.77 0.00	74.36 -3.91 0.00	59.80 -2.95 0.00	39.83 -1.53 0.00	39.74 -1.40 0.00	37.03 -1.42 0.00	34.73 -1.41 0.00	34.36 -1.40 0.00	33.24 -1.75 0.00	36.54 -1.72 0.00	42.45 -2.05 0.00	50.13 -2.15 0.00	65.15 -1.19 0.00	69.97 -2.16 0.00	61.01 -2.21 0.00	51.08 -1.41 0.00	44.50 -1.14 0.00	42.16 -0.25 0.00
CE_DUNWOOD___DRP 24194	39.24 1.22 0.00	37.96 1.07 0.00	36.13 0.88 0.00	35.95 0.81 0.00	37.11 0.69 0.00	44.67 0.96 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.63 1.88 0.00	42.94 1.57 0.00	42.41 1.28 0.00	39.69 1.23 0.00	37.36 1.23 0.00	36.94 1.18 0.00	36.25 1.26 0.00	39.49 1.22 0.00	46.19 1.69 0.00	54.37 2.09 0.00	68.67 2.32 0.00	75.09 2.96 0.00	65.82 2.59 0.00	54.59 2.10 0.00	47.46 1.83 0.00	43.86 1.44 0.00
CE_MILLWOOD___DRP 24193	39.09 1.06 0.00	37.82 0.92 0.00	36.02 0.78 0.00	35.85 0.70 0.00	37.04 0.62 0.00	44.54 0.83 0.00	64.56 1.45 0.00	80.38 2.11 0.00	64.38 1.63 0.00	42.77 1.41 0.00	42.29 1.15 0.00	39.53 1.08 0.00	37.22 1.08 0.00	36.79 1.04 0.00	36.11 1.12 0.00	39.33 1.07 0.00	46.01 1.51 0.00	54.16 1.88 0.00	68.40 2.06 0.00	74.80 2.67 0.00	65.56 2.34 0.00	54.44 1.94 0.00	47.32 1.69 0.00	43.73 1.31 0.00
CE_NYC2_DRP 24202	39.63 1.60 -0.01	38.34 1.44 -0.01	36.49 1.23 -0.01	36.35 1.19 -0.01	37.48 1.06 -0.01	44.98 1.27 0.00	64.94 1.83 0.00	81.01 2.74 0.00	64.82 2.07 0.00	43.35 1.99 0.00	42.82 1.69 0.00	40.07 1.62 0.00	37.80 1.66 0.00	37.36 1.61 0.00	36.67 1.68 0.00	39.87 1.61 0.00	46.68 2.18 0.00	54.78 2.51 0.00	68.93 2.59 0.00	75.45 3.32 0.00	66.00 2.78 0.00	54.86 2.36 0.00	47.73 2.10 0.00	44.28 1.87 0.00
CE_NYC_DRP 24195	39.40 1.37 0.00	38.11 1.22 0.00	36.24 0.99 0.00	36.09 0.95 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.88 2.13 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.65 1.52 0.00	37.26 1.50 0.00	36.53 1.54 0.00	39.72 1.45 0.00	46.55 2.05 0.00	54.68 2.40 0.00	68.93 2.59 0.00	75.45 3.32 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.64 2.01 0.00	44.03 1.61 0.00
CHAFFEE___LFGE 323603	37.68 -0.34 0.00	36.45 -0.44 0.00	35.14 -0.11 0.00	34.90 -0.24 0.00	36.31 -0.11 0.00	43.67 -0.04 0.00	61.72 -1.39 0.00	74.75 -3.52 0.00	60.05 -2.70 0.00	39.83 -1.53 0.00	39.53 -1.60 0.00	36.84 -1.61 0.00	34.55 -1.59 0.00	34.29 -1.47 0.00	33.28 -1.71 0.00	36.35 -1.91 0.00	42.32 -2.18 0.00	49.66 -2.61 0.00	63.76 -2.59 0.00	68.52 -3.60 0.00	59.68 -3.54 0.00	49.98 -2.52 0.00	43.58 -2.05 0.00	41.44 -0.97 0.00
CHATEAUG_35_KV_LOAD 355732	38.22 0.19 0.00	37.37 0.48 0.00	35.74 0.49 0.00	35.78 0.63 0.00	37.29 0.87 0.00	44.81 1.09 0.00	65.13 2.02 0.00	80.38 2.11 0.00	64.75 2.01 0.00	42.32 0.95 0.00	42.08 0.95 0.00	39.30 0.85 0.00	36.93 0.79 0.00	36.58 0.82 0.00	35.76 0.77 0.00	39.18 0.92 0.00	45.61 1.11 0.00	53.74 1.46 0.00	68.27 1.92 0.00	73.79 1.66 0.00	64.87 1.64 0.00	53.81 1.31 0.00	46.64 1.00 0.00	43.27 0.85 0.00
CHATEAUG_WT_PWR 323614	38.10 0.08 0.00	37.30 0.41 0.00	35.67 0.42 0.00	35.70 0.56 0.00	37.26 0.84 0.00	44.76 1.05 0.00	65.00 1.89 0.00	80.38 2.11 0.00	64.75 2.01 0.00	42.32 0.95 0.00	42.08 0.95 0.00	39.34 0.89 0.00	36.97 0.83 0.00	36.61 0.86 0.00	35.80 0.81 0.00	39.18 0.92 0.00	45.61 1.11 0.00	53.74 1.46 0.00	68.27 1.93 0.00	73.71 1.58 0.00	64.80 1.58 0.00	53.70 1.21 0.00	46.59 0.96 0.00	43.22 0.80 0.00
CHAT_HIGH_FALL_HYD 323578	38.22 0.19 0.00	37.37 0.48 0.00	35.74 0.49 0.00	35.78 0.63 0.00	37.29 0.87 0.00	44.81 1.09 0.00	65.13 2.02 0.00	80.38 2.11 0.00	64.75 2.01 0.00	42.32 0.95 0.00	42.08 0.95 0.00	39.30 0.85 0.00	36.93 0.79 0.00	36.58 0.82 0.00	35.76 0.77 0.00	39.18 0.92 0.00	45.61 1.11 0.00	53.74 1.46 0.00	68.27 1.92 0.00	73.79 1.66 0.00	64.87 1.64 0.00	53.81 1.31 0.00	46.64 1.00 0.00	43.27 0.85 0.00
CHAUTAUQUA___LFGE 323629	37.95 -0.08 0.00	36.67 -0.22 0.00	35.35 0.11 0.00	35.07 -0.07 0.00	36.49 0.07 0.00	43.89 0.18 0.00	61.66 -1.45 0.00	74.75 -3.52 0.00	60.17 -2.58 0.00	40.04 -1.33 0.00	39.90 -1.23 0.00	37.19 -1.27 0.00	34.87 -1.27 0.00	34.58 -1.18 0.00	33.52 -1.47 0.00	36.73 -1.53 0.00	42.63 -1.87 0.00	50.13 -2.15 0.00	64.62 -1.73 0.00	69.24 -2.89 0.00	60.32 -2.91 0.00	50.55 -1.94 0.00	44.08 -1.55 0.00	41.86 -0.55 0.00
CHERRYST_13_KV_LD 356241	39.51 1.48 0.00	38.19 1.29 0.00	36.34 1.09 0.00	36.20 1.05 0.00	37.33 0.91 0.00	44.94 1.22 0.00	65.13 2.02 0.00	81.17 2.90 0.00	65.07 2.32 0.00	43.35 1.99 0.00	42.82 1.69 0.00	40.03 1.58 0.00	37.76 1.63 0.00	37.36 1.61 0.00	36.67 1.68 0.00	39.87 1.61 0.00	46.68 2.18 0.00	54.89 2.61 0.00	69.13 2.79 0.00	75.66 3.53 0.00	66.19 2.97 0.00	54.96 2.47 0.00	47.78 2.14 0.00	44.16 1.74 0.00

CHESTROR_138KV_BK263 355645	38.83 0.80 0.00	37.60 0.70 0.00	35.81 0.56 0.00	35.64 0.49 0.00	36.82 0.40 0.00	44.28 0.57 0.00	64.18 1.07 0.00	79.84 1.57 0.00	63.94 1.19 0.00	42.40 1.03 0.00	41.92 0.78 0.00	39.19 0.73 0.00	36.86 0.72 0.00	36.43 0.68 0.00	35.73 0.73 0.00	38.95 0.69 0.00	45.57 1.07 0.00	53.58 1.31 0.00	67.87 1.53 0.00	74.15 2.02 0.00	65.06 1.83 0.00	53.96 1.47 0.00	46.91 1.28 0.00	43.44 1.02 0.00
CH_MIDHUDSON___DRP 24192	39.59 1.56 0.00	38.30 1.40 0.00	36.45 1.20 0.00	36.30 1.16 0.00	37.48 1.06 0.00	45.20 1.49 0.00	65.63 2.52 0.00	81.79 3.52 0.00	65.51 2.76 0.00	43.18 1.82 0.00	42.62 1.48 0.00	39.80 1.35 0.00	37.29 1.16 0.00	36.83 1.07 0.00	36.04 1.05 0.00	39.33 1.07 0.00	46.10 1.60 0.00	54.37 2.09 0.00	68.47 2.12 0.00	74.80 2.67 0.00	65.75 2.53 0.00	54.59 2.10 0.00	47.41 1.78 0.00	43.90 1.48 0.00
CH_MISC_IPPS 23765	39.55 1.52 0.00	38.26 1.37 0.00	36.41 1.16 0.00	36.23 1.09 0.00	37.44 1.02 0.00	45.11 1.40 0.00	65.51 2.40 0.00	81.63 3.36 0.00	65.38 2.63 0.00	43.14 1.78 0.00	42.57 1.44 0.00	39.72 1.27 0.00	37.15 1.01 0.00	36.65 0.89 0.00	35.83 0.84 0.00	39.03 0.76 0.00	45.74 1.24 0.00	54.00 1.72 0.00	68.27 1.93 0.00	74.65 2.52 0.00	65.94 2.72 0.00	54.86 2.36 0.00	47.69 2.06 0.00	44.12 1.70 0.00
CH_RES_BVR_FALLS 23983	37.95 -0.08 0.00	36.89 0.00 0.00	35.25 0.00 0.00	35.21 0.07 0.00	36.57 0.15 0.00	43.93 0.22 0.00	63.61 0.50 0.00	78.82 0.55 0.00	63.31 0.56 0.00	41.61 0.25 0.00	41.38 0.25 0.00	38.69 0.23 0.00	36.35 0.22 0.00	35.97 0.22 0.00	35.20 0.21 0.00	38.53 0.27 0.00	44.81 0.31 0.00	52.69 0.42 0.00	66.87 0.53 0.00	72.49 0.36 0.00	63.60 0.38 0.00	52.71 0.21 0.00	45.68 0.05 0.00	42.37 -0.04 0.00
CH_RES_NIAGARA 23895	36.24 -1.79 0.00	35.20 -1.70 0.00	33.84 -1.41 0.00	33.63 -1.51 0.00	34.96 -1.46 0.00	41.96 -1.75 0.00	58.06 -5.05 0.00	70.60 -7.67 0.00	56.78 -5.96 0.00	37.89 -3.47 0.00	37.97 -3.17 0.00	35.30 -3.15 0.00	33.14 -3.00 0.00	32.89 -2.86 0.00	32.02 -2.97 0.00	35.01 -3.25 0.00	40.58 -3.92 0.00	47.36 -4.91 0.00	60.71 -5.64 0.00	64.99 -7.14 0.00	56.39 -6.83 0.00	47.46 -5.04 0.00	41.62 -4.02 0.00	39.58 -2.84 0.00
CH_RES_SYRACUSE 23985	37.57 -0.45 0.00	36.41 -0.48 0.00	34.90 -0.35 0.00	34.76 -0.39 0.00	36.02 -0.40 0.00	43.19 -0.52 0.00	62.10 -1.01 0.00	76.94 -1.33 0.00	61.68 -1.07 0.00	40.70 -0.66 0.00	40.56 -0.58 0.00	37.92 -0.54 0.00	35.59 -0.54 0.00	35.25 -0.50 0.00	34.43 -0.56 0.00	37.69 -0.57 0.00	43.65 -0.85 0.00	51.23 -1.05 0.00	65.28 -1.06 0.00	70.83 -1.30 0.00	61.96 -1.26 0.00	51.45 -1.05 0.00	44.67 -0.96 0.00	41.65 -0.76 0.00
CLINTON_WT_PWR 323605	38.10 0.08 0.00	37.30 0.41 0.00	35.67 0.42 0.00	35.70 0.56 0.00	37.26 0.84 0.00	44.76 1.05 0.00	65.00 1.89 0.00	80.38 2.11 0.00	64.75 2.01 0.00	42.32 0.95 0.00	42.08 0.95 0.00	39.34 0.89 0.00	36.97 0.83 0.00	36.61 0.86 0.00	35.80 0.81 0.00	39.18 0.92 0.00	45.61 1.11 0.00	53.74 1.46 0.00	68.27 1.93 0.00	73.71 1.58 0.00	64.80 1.58 0.00	53.70 1.21 0.00	46.59 0.96 0.00	43.22 0.80 0.00
CLINTON___LFGE 323618	38.71 0.69 0.00	38.00 1.11 0.00	36.38 1.13 0.00	36.45 1.30 0.00	38.13 1.71 0.00	45.90 2.18 0.00	66.89 3.79 0.00	82.49 4.22 0.00	66.70 3.96 0.00	43.39 2.03 0.00	43.15 2.02 0.00	40.30 1.85 0.00	37.87 1.73 0.00	37.54 1.79 0.00	36.67 1.68 0.00	40.21 1.95 0.00	46.77 2.27 0.00	55.25 2.98 0.00	70.19 3.85 0.00	75.59 3.46 0.00	66.57 3.35 0.00	55.17 2.68 0.00	47.78 2.15 0.00	44.24 1.82 0.00
COBBLENY_34_KV_TB1 80064	37.69 -0.34 0.00	36.53 -0.37 0.00	35.14 -0.11 0.00	34.93 -0.21 0.00	36.35 -0.07 0.00	43.67 -0.04 0.00	61.72 -1.39 0.00	74.91 -3.37 0.00	59.98 -2.76 0.00	39.92 -1.45 0.00	39.65 -1.48 0.00	36.84 -1.62 0.00	34.55 -1.59 0.00	34.29 -1.47 0.00	33.35 -1.64 0.00	36.35 -1.91 0.00	42.32 -2.18 0.00	49.66 -2.61 0.00	63.76 -2.59 0.00	68.67 -3.46 0.00	59.68 -3.54 0.00	49.98 -2.52 0.00	43.58 -2.05 0.00	41.44 -0.98 0.00
COFFEEN___115KV_TB3 355620	38.03 0.00 0.00	36.82 -0.07 0.00	35.14 -0.11 0.00	35.32 0.18 0.00	36.71 0.29 0.00	44.11 0.39 0.00	63.80 0.69 0.00	79.76 1.49 0.00	63.56 0.82 0.00	41.24 -0.12 0.00	40.97 -0.16 0.00	38.19 -0.27 0.00	35.74 -0.40 0.00	35.40 -0.36 0.00	34.61 -0.38 0.00	37.92 -0.34 0.00	44.10 -0.40 0.00	52.33 0.05 0.00	67.41 1.06 0.00	73.79 1.66 0.00	64.42 1.20 0.00	53.23 0.73 0.00	45.73 0.09 0.00	42.33 -0.08 0.00
COLDSPRG_115KV_BK1 355956	38.48 0.46 0.00	37.23 0.33 0.00	35.81 0.56 0.00	35.57 0.42 0.00	37.00 0.58 0.00	44.54 0.83 0.00	62.98 -0.13 0.00	76.63 -1.64 0.00	61.36 -1.38 0.00	40.87 -0.50 0.00	40.72 -0.41 0.00	37.80 -0.65 0.00	35.41 -0.72 0.00	35.15 -0.61 0.00	34.08 -0.91 0.00	37.27 -0.99 0.00	43.34 -1.16 0.00	50.97 -1.31 0.00	65.81 -0.53 0.00	70.90 -1.23 0.00	61.58 -1.64 0.00	51.55 -0.94 0.00	44.90 -0.73 0.00	42.59 0.17 0.00
COLONIE_LFGE___ 323577	39.17 1.14 0.00	37.93 1.03 0.00	36.16 0.91 0.00	36.02 0.88 0.00	37.29 0.87 0.00	44.81 1.09 0.00	64.87 1.76 0.00	80.54 2.27 0.00	64.31 1.57 0.00	42.44 1.07 0.00	42.08 0.95 0.00	39.38 0.92 0.00	37.04 0.90 0.00	36.58 0.82 0.00	35.90 0.91 0.00	39.37 1.11 0.00	45.88 1.38 0.00	53.95 1.67 0.00	68.40 2.06 0.00	74.58 2.45 0.00	65.50 2.27 0.00	54.33 1.84 0.00	47.28 1.64 0.00	43.94 1.52 0.00
COOPERNY_115KV_TB1 80082	38.60 0.57 0.00	37.37 0.48 0.00	35.64 0.39 0.00	35.50 0.35 0.00	36.71 0.29 0.00	44.11 0.39 0.00	63.80 0.69 0.00	79.29 1.02 0.00	63.50 0.75 0.00	42.07 0.70 0.00	41.67 0.53 0.00	38.95 0.50 0.00	36.61 0.47 0.00	36.22 0.46 0.00	35.52 0.52 0.00	38.76 0.50 0.00	45.25 0.76 0.00	53.22 0.94 0.00	67.41 1.06 0.00	73.57 1.44 0.00	64.42 1.20 0.00	53.49 1.00 0.00	46.50 0.87 0.00	43.14 0.72 0.00
COPENHAGEN_WT_PWR 323753	37.80 -0.23 0.00	36.60 -0.30 0.00	34.97 -0.28 0.00	35.07 -0.07 0.00	36.46 0.04 0.00	43.80 0.09 0.00	63.30 0.19 0.00	78.97 0.70 0.00	63.06 0.32 0.00	41.03 -0.33 0.00	40.72 -0.41 0.00	38.07 -0.38 0.00	35.67 -0.47 0.00	35.29 -0.47 0.00	34.54 -0.46 0.00	37.81 -0.46 0.00	43.92 -0.58 0.00	52.01 -0.26 0.00	66.87 0.53 0.00	73.00 0.87 0.00	63.86 0.63 0.00	52.76 0.26 0.00	45.41 -0.23 0.00	42.08 -0.34 0.00
CORNELL_____ 23752	38.48 0.46 0.00	37.34 0.44 0.00	35.78 0.53 0.00	35.64 0.49 0.00	36.97 0.55 0.00	44.41 0.70 0.00	63.87 0.76 0.00	79.21 0.94 0.00	63.37 0.63 0.00	41.61 0.25 0.00	41.34 0.21 0.00	38.57 0.12 0.00	36.17 0.04 0.00	35.83 0.07 0.00	35.06 0.07 0.00	38.38 0.11 0.00	44.63 0.13 0.00	52.59 0.31 0.00	67.21 0.86 0.00	72.99 0.87 0.00	63.73 0.51 0.00	52.86 0.37 0.00	45.86 0.23 0.00	42.76 0.34 0.00

CORONA__69_KV_TB1 355595	39.66 1.64 0.00	38.30 1.40 0.00	36.41 1.16 0.00	36.23 1.09 0.00	37.40 0.98 0.00	45.07 1.36 0.00	65.19 2.08 0.00	81.40 3.13 0.00	65.19 2.45 0.00	43.56 2.19 0.00	42.90 1.77 0.00	40.11 1.65 0.00	37.69 1.55 0.00	37.26 1.50 0.00	36.57 1.57 0.00	39.95 1.68 0.00	46.68 2.18 0.00	55.10 2.82 0.00	69.46 3.12 0.00	76.24 4.11 0.00	66.76 3.54 0.00	55.28 2.78 0.00	48.24 2.60 0.00	44.37 1.95 0.00
CORTLAND__115KV_TB3 80093	38.18 0.15 0.00	37.00 0.11 0.00	35.46 0.21 0.00	35.32 0.18 0.00	36.60 0.18 0.00	43.97 0.26 0.00	63.30 0.19 0.00	78.43 0.16 0.00	62.74 0.00 0.00	41.32 -0.04 0.00	41.09 -0.04 0.00	38.38 -0.08 0.00	35.99 -0.14 0.00	35.65 -0.11 0.00	34.89 -0.10 0.00	38.15 -0.11 0.00	44.32 -0.18 0.00	52.17 -0.10 0.00	66.54 0.20 0.00	72.27 0.14 0.00	63.16 -0.06 0.00	52.39 -0.10 0.00	45.50 -0.14 0.00	42.42 0.00 0.00
COXSACKIE__GT 23611	40.54 2.51 0.00	39.22 2.33 0.00	37.40 2.15 0.00	37.25 2.11 0.00	38.57 2.15 0.00	46.60 2.88 0.00	67.65 4.55 0.00	84.30 6.03 0.00	67.32 4.58 0.00	43.60 2.23 0.00	42.94 1.81 0.00	39.95 1.50 0.00	37.54 1.41 0.00	37.11 1.36 0.00	36.08 1.09 0.00	32.15 1.30 7.41	36.70 1.87 9.67	42.50 2.72 12.49	53.05 4.18 17.48	59.14 5.05 18.04	52.84 4.49 14.87	43.41 3.52 12.60	38.32 2.83 10.14	44.96 2.54 0.00
CPV_VALLEY__CC1 323721	38.60 0.57 0.00	37.37 0.48 0.00	35.60 0.35 0.00	35.46 0.32 0.00	36.64 0.22 0.00	44.06 0.35 0.00	63.74 0.63 0.00	79.29 1.01 0.00	63.56 0.81 0.00	42.11 0.75 0.00	41.67 0.53 0.00	38.95 0.50 0.00	36.64 0.51 0.00	36.22 0.46 0.00	35.52 0.53 0.00	38.72 0.46 0.00	45.25 0.76 0.00	53.22 0.94 0.00	67.40 1.06 0.00	73.65 1.52 0.00	64.55 1.33 0.00	53.54 1.05 0.00	46.64 1.00 0.00	43.18 0.76 0.00
CPV_VALLEY__CC2 323722	38.60 0.57 0.00	37.37 0.48 0.00	35.60 0.35 0.00	35.46 0.32 0.00	36.64 0.22 0.00	44.06 0.35 0.00	63.74 0.63 0.00	79.29 1.01 0.00	63.56 0.81 0.00	42.11 0.75 0.00	41.67 0.53 0.00	38.95 0.50 0.00	36.64 0.51 0.00	36.22 0.46 0.00	35.52 0.53 0.00	38.72 0.46 0.00	45.25 0.76 0.00	53.22 0.94 0.00	67.40 1.06 0.00	73.65 1.52 0.00	64.55 1.33 0.00	53.54 1.05 0.00	46.64 1.00 0.00	43.18 0.76 0.00
CRESCENT__HYD 24018	39.17 1.14 0.00	37.93 1.03 0.00	36.16 0.91 0.00	36.02 0.88 0.00	37.29 0.87 0.00	44.81 1.09 0.00	64.87 1.76 0.00	80.54 2.27 0.00	64.31 1.57 0.00	42.44 1.07 0.00	42.08 0.95 0.00	39.38 0.92 0.00	37.04 0.90 0.00	36.58 0.82 0.00	35.90 0.91 0.00	39.37 1.11 0.00	45.88 1.38 0.00	53.95 1.67 0.00	68.40 2.06 0.00	74.58 2.45 0.00	65.50 2.27 0.00	54.33 1.84 0.00	47.28 1.64 0.00	43.94 1.52 0.00
CRICKET__VALLEY_CC1 323756	38.86 0.84 0.00	37.67 0.78 0.00	35.88 0.64 0.00	35.74 0.60 0.00	36.89 0.47 0.00	44.24 0.53 0.00	64.12 1.01 0.00	79.60 1.33 0.00	63.75 1.00 0.00	42.23 0.87 0.00	41.88 0.74 0.00	39.18 0.73 0.00	36.90 0.76 0.00	36.43 0.68 0.00	35.80 0.81 0.00	39.03 0.76 0.00	45.56 1.07 0.00	53.63 1.36 0.00	67.80 1.46 0.00	74.08 1.95 0.00	65.12 1.89 0.00	54.02 1.52 0.00	47.00 1.37 0.00	43.60 1.19 0.00
CRICKET__VALLEY_CC2 323757	38.86 0.84 0.00	37.67 0.78 0.00	35.88 0.64 0.00	35.74 0.60 0.00	36.89 0.47 0.00	44.24 0.53 0.00	64.12 1.01 0.00	79.60 1.33 0.00	63.75 1.00 0.00	42.23 0.87 0.00	41.88 0.74 0.00	39.18 0.73 0.00	36.90 0.76 0.00	36.43 0.68 0.00	35.80 0.81 0.00	39.03 0.76 0.00	45.56 1.07 0.00	53.63 1.36 0.00	67.80 1.46 0.00	74.08 1.95 0.00	65.12 1.89 0.00	54.02 1.52 0.00	47.00 1.37 0.00	43.60 1.19 0.00
CRICKET__VALLEY_CC3 323758	38.86 0.84 0.00	37.67 0.78 0.00	35.88 0.64 0.00	35.74 0.60 0.00	36.89 0.47 0.00	44.24 0.53 0.00	64.12 1.01 0.00	79.60 1.33 0.00	63.75 1.00 0.00	42.23 0.87 0.00	41.88 0.74 0.00	39.18 0.73 0.00	36.90 0.76 0.00	36.43 0.68 0.00	35.80 0.81 0.00	39.03 0.76 0.00	45.56 1.07 0.00	53.63 1.36 0.00	67.80 1.46 0.00	74.08 1.95 0.00	65.12 1.89 0.00	54.02 1.52 0.00	47.00 1.37 0.00	43.60 1.19 0.00
CRUCIBLE__METL_DRP 24180	37.53 -0.49 0.00	36.41 -0.48 0.00	34.90 -0.35 0.00	34.76 -0.39 0.00	36.02 -0.40 0.00	43.19 -0.52 0.00	62.10 -1.01 0.00	77.02 -1.25 0.00	61.68 -1.07 0.00	40.70 -0.66 0.00	40.60 -0.53 0.00	37.92 -0.54 0.00	35.59 -0.54 0.00	35.25 -0.50 0.00	34.47 -0.52 0.00	37.69 -0.57 0.00	43.65 -0.85 0.00	51.23 -1.05 0.00	65.28 -1.06 0.00	70.83 -1.30 0.00	61.96 -1.26 0.00	51.44 -1.05 0.00	44.68 -0.96 0.00	41.65 -0.76 0.00
DAHOWA__HYDRO 323763	39.39 1.37 0.00	38.18 1.29 0.00	36.41 1.16 0.00	36.30 1.16 0.00	37.59 1.17 0.00	45.24 1.53 0.00	65.51 2.40 0.00	81.63 3.36 0.00	64.94 2.19 0.00	42.81 1.45 0.00	42.28 1.15 0.00	39.53 1.08 0.00	37.15 1.01 0.00	36.75 1.00 0.00	36.08 1.09 0.00	39.94 1.68 0.00	46.72 2.22 0.00	54.52 2.25 0.00	69.26 2.92 0.00	75.73 3.60 0.00	66.32 3.10 0.00	54.86 2.36 0.00	47.73 2.10 0.00	44.37 1.95 0.00
DANC__LFGE 323619	37.49 -0.53 0.00	36.34 -0.55 0.00	34.72 -0.53 0.00	34.76 -0.39 0.00	36.09 -0.33 0.00	43.28 -0.44 0.00	62.42 -0.69 0.00	77.73 -0.54 0.00	62.12 -0.63 0.00	40.62 -0.74 0.00	40.44 -0.70 0.00	37.80 -0.65 0.00	35.41 -0.72 0.00	35.07 -0.68 0.00	34.29 -0.70 0.00	37.53 -0.73 0.00	43.52 -0.98 0.00	51.33 -0.94 0.00	65.81 -0.53 0.00	71.70 -0.43 0.00	62.78 -0.44 0.00	51.97 -0.52 0.00	44.90 -0.73 0.00	41.70 -0.72 0.00
DANSKAMMER__1 23586	39.55 1.52 0.00	38.26 1.37 0.00	36.41 1.16 0.00	36.23 1.09 0.00	37.44 1.02 0.00	45.11 1.40 0.00	65.51 2.40 0.00	81.63 3.36 0.00	65.38 2.63 0.00	43.14 1.78 0.00	42.57 1.44 0.00	39.72 1.27 0.00	37.15 1.01 0.00	36.65 0.89 0.00	35.83 0.84 0.00	39.03 0.76 0.00	45.74 1.24 0.00	54.00 1.72 0.00	68.27 1.93 0.00	74.65 2.52 0.00	65.94 2.72 0.00	54.86 2.36 0.00	47.69 2.06 0.00	44.12 1.70 0.00
DANSKAMMER__2 23589	39.55 1.52 0.00	38.26 1.37 0.00	36.41 1.16 0.00	36.23 1.09 0.00	37.44 1.02 0.00	45.11 1.40 0.00	65.51 2.40 0.00	81.63 3.36 0.00	65.38 2.63 0.00	43.14 1.78 0.00	42.57 1.44 0.00	39.72 1.27 0.00	37.15 1.01 0.00	36.65 0.89 0.00	35.83 0.84 0.00	39.03 0.76 0.00	45.74 1.24 0.00	54.00 1.72 0.00	68.27 1.93 0.00	74.65 2.52 0.00	65.94 2.72 0.00	54.86 2.36 0.00	47.69 2.06 0.00	44.12 1.70 0.00
DANSKAMMER__3 23590	39.55 1.52 0.00	38.26 1.37 0.00	36.41 1.16 0.00	36.23 1.09 0.00	37.44 1.02 0.00	45.11 1.40 0.00	65.51 2.40 0.00	81.63 3.36 0.00	65.38 2.63 0.00	43.14 1.78 0.00	42.57 1.44 0.00	39.72 1.27 0.00	37.15 1.01 0.00	36.65 0.89 0.00	35.83 0.84 0.00	39.03 0.76 0.00	45.74 1.24 0.00	54.00 1.72 0.00	68.27 1.93 0.00	74.65 2.52 0.00	65.94 2.72 0.00	54.86 2.36 0.00	47.69 2.06 0.00	44.12 1.70 0.00

DANSKAMMER___4 23591	39.55 1.52 0.00	38.26 1.37 0.00	36.41 1.16 0.00	36.23 1.09 0.00	37.44 1.02 0.00	45.11 1.40 0.00	65.51 2.40 0.00	81.63 3.36 0.00	65.38 2.63 0.00	43.14 1.78 0.00	42.57 1.44 0.00	39.72 1.27 0.00	37.15 1.01 0.00	36.65 0.89 0.00	35.83 0.84 0.00	39.03 0.76 0.00	45.74 1.24 0.00	54.00 1.72 0.00	68.27 1.93 0.00	74.65 2.52 0.00	65.94 2.72 0.00	54.86 2.36 0.00	47.69 2.06 0.00	44.12 1.70 0.00
DANSKAMMER___DIESEL 23592	39.55 1.52 0.00	38.22 1.33 0.00	36.41 1.16 0.00	36.23 1.09 0.00	37.44 1.02 0.00	45.15 1.44 0.00	65.51 2.40 0.00	81.64 3.37 0.00	65.38 2.64 0.00	43.14 1.78 0.00	42.57 1.44 0.00	39.76 1.31 0.00	37.18 1.05 0.00	36.68 0.93 0.00	35.87 0.87 0.00	39.07 0.80 0.00	45.79 1.29 0.00	54.00 1.73 0.00	68.27 1.92 0.00	74.65 2.52 0.00	65.94 2.72 0.00	54.86 2.36 0.00	47.64 2.01 0.00	44.07 1.65 0.00
DARBY___SOLAR 323810	39.36 1.33 0.00	38.15 1.26 0.00	36.38 1.13 0.00	36.27 1.12 0.00	37.55 1.13 0.00	45.24 1.53 0.00	65.51 2.40 0.00	81.63 3.36 0.00	65.00 2.26 0.00	42.98 1.61 0.00	42.41 1.28 0.00	39.65 1.19 0.00	37.29 1.16 0.00	36.90 1.14 0.00	36.22 1.22 0.00	39.79 1.53 0.00	46.50 2.00 0.00	54.37 2.09 0.00	69.07 2.72 0.00	75.45 3.32 0.00	66.07 2.85 0.00	54.75 2.26 0.00	47.60 1.96 0.00	44.24 1.82 0.00
DASHVILLE___HYD 23610	39.32 1.29 0.00	38.00 1.11 0.00	36.20 0.95 0.00	36.06 0.91 0.00	37.26 0.84 0.00	44.85 1.14 0.00	65.00 1.89 0.00	80.85 2.58 0.00	64.63 1.88 0.00	42.69 1.32 0.00	42.16 1.03 0.00	39.38 0.92 0.00	37.00 0.87 0.00	36.54 0.79 0.00	35.83 0.84 0.00	37.52 1.07 1.81	43.69 1.56 2.36	51.21 1.99 3.05	64.46 2.39 4.27	70.75 3.03 4.41	62.37 2.78 3.63	51.72 2.31 3.08	45.07 1.92 2.48	43.90 1.48 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	39.28 1.25 0.00	37.93 1.03 0.00	35.99 0.74 0.00	35.71 0.56 0.00	37.00 0.58 0.00	44.41 0.70 0.00	64.56 1.45 0.00	81.01 2.74 0.00	64.25 1.51 0.00	43.18 1.82 0.00	41.92 0.78 0.00	39.45 1.00 0.00	36.86 0.72 0.00	36.68 0.93 0.00	36.22 1.22 0.00	40.02 1.76 0.00	46.23 1.74 0.00	55.25 2.98 0.00	69.33 2.99 0.00	76.46 4.33 0.00	67.14 3.92 0.00	54.70 2.20 0.00	47.69 2.05 0.00	43.86 1.44 0.00
DELAWARE___LFGE 323621	38.94 0.91 0.00	37.71 0.81 0.00	35.99 0.74 0.00	35.88 0.74 0.00	37.15 0.73 0.00	44.67 0.96 0.00	64.50 1.39 0.00	80.31 2.04 0.00	64.25 1.51 0.00	42.32 0.95 0.00	41.92 0.78 0.00	39.19 0.73 0.00	36.82 0.69 0.00	36.43 0.68 0.00	35.69 0.70 0.00	39.03 0.77 0.00	45.52 1.02 0.00	53.58 1.31 0.00	68.00 1.66 0.00	74.00 1.88 0.00	64.74 1.52 0.00	53.75 1.26 0.00	46.68 1.05 0.00	43.39 0.98 0.00
DERFIELD_115KV_TB7 355931	38.22 0.19 0.00	37.08 0.18 0.00	35.39 0.14 0.00	35.28 0.14 0.00	36.57 0.15 0.00	43.89 0.17 0.00	63.42 0.32 0.00	78.74 0.47 0.00	63.12 0.38 0.00	41.61 0.25 0.00	41.34 0.21 0.00	38.69 0.23 0.00	36.32 0.18 0.00	35.93 0.18 0.00	35.20 0.21 0.00	38.45 0.19 0.00	44.77 0.27 0.00	52.64 0.37 0.00	66.74 0.40 0.00	72.63 0.50 0.00	63.60 0.38 0.00	52.76 0.26 0.00	45.91 0.27 0.00	42.63 0.21 0.00
DOGLEVILLE___HYD 23807	37.23 -0.80 0.00	36.16 -0.74 0.00	34.65 -0.60 0.00	34.62 -0.53 0.00	35.95 -0.47 0.00	43.23 -0.48 0.00	62.60 -0.51 0.00	78.04 -0.23 0.00	62.56 -0.19 0.00	41.16 -0.21 0.00	40.89 -0.25 0.00	38.26 -0.19 0.00	35.92 -0.22 0.00	35.54 -0.21 0.00	34.78 -0.21 0.00	38.03 -0.23 0.00	44.28 -0.22 0.00	51.91 -0.36 0.00	65.68 -0.66 0.00	71.27 -0.86 0.00	62.15 -1.08 0.00	51.45 -1.05 0.00	44.63 -1.00 0.00	41.40 -1.02 0.00
DUNKIRK___115KV_TB_200 55889	37.95 -0.08 0.00	36.75 -0.15 0.00	35.35 0.11 0.00	35.07 -0.07 0.00	36.49 0.07 0.00	43.89 0.17 0.00	61.66 -1.45 0.00	74.98 -3.29 0.00	60.11 -2.64 0.00	40.08 -1.28 0.00	39.98 -1.15 0.00	37.15 -1.31 0.00	34.84 -1.30 0.00	34.58 -1.18 0.00	33.56 -1.43 0.00	36.69 -1.57 0.00	42.63 -1.87 0.00	50.08 -2.20 0.00	64.49 -1.86 0.00	69.39 -2.74 0.00	60.25 -2.97 0.00	50.45 -2.05 0.00	44.04 -1.60 0.00	41.78 -0.64 0.00
DUNKIRK___1 23563	37.95 -0.08 0.00	36.75 -0.15 0.00	35.35 0.11 0.00	35.07 -0.07 0.00	36.49 0.07 0.00	43.89 0.17 0.00	61.66 -1.45 0.00	74.98 -3.29 0.00	60.11 -2.64 0.00	40.08 -1.28 0.00	39.98 -1.15 0.00	37.15 -1.31 0.00	34.84 -1.30 0.00	34.58 -1.18 0.00	33.56 -1.43 0.00	36.69 -1.57 0.00	42.63 -1.87 0.00	50.08 -2.20 0.00	64.49 -1.86 0.00	69.39 -2.74 0.00	60.25 -2.97 0.00	50.45 -2.05 0.00	44.04 -1.60 0.00	41.78 -0.64 0.00
DUNKIRK___2 23564	37.95 -0.08 0.00	36.75 -0.15 0.00	35.35 0.11 0.00	35.07 -0.07 0.00	36.49 0.07 0.00	43.89 0.17 0.00	61.66 -1.45 0.00	74.98 -3.29 0.00	60.11 -2.64 0.00	40.08 -1.28 0.00	39.98 -1.15 0.00	37.15 -1.31 0.00	34.84 -1.30 0.00	34.58 -1.18 0.00	33.56 -1.43 0.00	36.69 -1.57 0.00	42.63 -1.87 0.00	50.08 -2.20 0.00	64.49 -1.86 0.00	69.39 -2.74 0.00	60.25 -2.97 0.00	50.45 -2.05 0.00	44.04 -1.60 0.00	41.78 -0.64 0.00
DUNKIRK___3 23565	37.76 -0.27 0.00	36.60 -0.30 0.00	35.21 -0.04 0.00	34.97 -0.18 0.00	36.35 -0.07 0.00	43.71 0.00 0.00	61.34 -1.77 0.00	74.59 -3.68 0.00	59.86 -2.89 0.00	39.87 -1.49 0.00	39.82 -1.32 0.00	36.99 -1.46 0.00	34.69 -1.45 0.00	34.43 -1.32 0.00	33.45 -1.54 0.00	36.54 -1.72 0.00	42.45 -2.05 0.00	49.82 -2.46 0.00	64.09 -2.26 0.00	68.88 -3.25 0.00	59.81 -3.41 0.00	50.13 -2.36 0.00	43.76 -1.87 0.00	41.53 -0.89 0.00
DUNKIRK___4 23566	37.76 -0.27 0.00	36.60 -0.30 0.00	35.21 -0.04 0.00	34.97 -0.18 0.00	36.35 -0.07 0.00	43.71 0.00 0.00	61.34 -1.77 0.00	74.59 -3.68 0.00	59.86 -2.89 0.00	39.87 -1.49 0.00	39.82 -1.32 0.00	36.99 -1.46 0.00	34.69 -1.45 0.00	34.43 -1.32 0.00	33.45 -1.54 0.00	36.54 -1.72 0.00	42.45 -2.05 0.00	49.82 -2.46 0.00	64.09 -2.26 0.00	68.88 -3.25 0.00	59.81 -3.41 0.00	50.13 -2.36 0.00	43.76 -1.87 0.00	41.53 -0.89 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.28 1.25 0.00	38.00 1.11 0.00	36.17 0.92 0.00	36.02 0.88 0.00	37.18 0.76 0.00	44.76 1.05 0.00	64.88 1.77 0.00	80.78 2.50 0.00	64.69 1.95 0.00	43.02 1.65 0.00	42.53 1.40 0.00	39.76 1.31 0.00	37.47 1.34 0.00	37.04 1.29 0.00	36.36 1.36 0.00	39.56 1.30 0.00	46.28 1.78 0.00	54.47 2.20 0.00	68.80 2.45 0.00	75.23 3.10 0.00	65.94 2.72 0.00	54.70 2.20 0.00	47.55 1.92 0.00	43.94 1.53 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.13 1.10 0.00	37.85 0.96 0.00	36.06 0.81 0.00	35.92 0.77 0.00	37.08 0.66 0.00	44.67 0.96 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.56 1.82 0.00	42.73 1.37 0.00	42.20 1.07 0.00	39.42 0.96 0.00	37.00 0.87 0.00	36.54 0.79 0.00	35.83 0.84 0.00	39.07 0.80 0.00	45.70 1.20 0.00	53.84 1.57 0.00	68.14 1.79 0.00	74.51 2.38 0.00	65.50 2.28 0.00	54.38 1.89 0.00	47.23 1.60 0.00	43.69 1.27 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	39.67 1.64 -0.01	38.34 1.44 -0.01	36.49 1.23 -0.01	36.38 1.23 -0.01	37.52 1.09 -0.01	44.85 1.14 0.00	64.62 1.51 0.00	80.54 2.27 0.00	64.50 1.76 0.00	43.14 1.78 0.00	42.62 1.48 0.00	39.88 1.42 0.00	37.62 1.48 0.00	37.19 1.43 0.00	36.50 1.50 0.00	39.68 1.42 0.00	46.46 1.96 0.00	54.52 2.25 0.00	68.60 2.26 0.00	75.09 2.96 0.00	65.69 2.47 0.00	54.59 2.10 0.00	47.55 1.92 0.00	44.20 1.78 0.00
E179THST_13_KV_LOAD 356214	39.82 1.79 -0.01	38.45 1.55 -0.01	36.63 1.37 -0.01	36.49 1.34 -0.01	37.63 1.20 -0.01	45.02 1.31 0.00	64.88 1.77 0.00	80.93 2.66 0.00	64.82 2.07 0.00	43.31 1.94 0.00	42.78 1.65 0.00	40.03 1.58 0.00	37.76 1.63 0.00	37.33 1.57 0.00	36.64 1.64 0.00	39.83 1.57 0.00	46.63 2.14 0.00	54.73 2.46 0.00	68.93 2.59 0.00	75.37 3.25 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.78 2.14 0.00	44.37 1.95 0.00
EAST HAMPTON___GT 23717	39.21 1.18 0.00	38.04 1.14 0.00	35.67 0.42 0.00	35.36 0.21 0.00	36.53 0.11 0.00	43.98 0.26 0.00	63.99 0.88 0.00	80.23 1.96 0.00	63.88 1.13 0.00	42.36 0.99 0.00	41.34 0.21 0.00	39.03 0.58 0.00	36.68 0.54 0.00	36.65 0.89 0.00	36.29 1.30 0.00	40.02 1.76 0.00	46.23 1.73 0.00	55.41 3.14 0.00	69.20 2.85 0.00	76.16 4.04 0.00	66.76 3.54 0.00	54.38 1.89 0.00	47.37 1.73 0.00	43.81 1.40 0.00
EAST RIVER___6 23660	39.36 1.33 0.00	38.11 1.22 0.00	36.23 0.99 0.00	36.06 0.91 0.00	37.19 0.77 0.00	44.76 1.05 0.00	64.87 1.76 0.00	80.85 2.58 0.00	64.88 2.13 0.00	43.14 1.78 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.58 1.45 0.00	37.19 1.43 0.00	36.50 1.50 0.00	39.64 1.38 0.00	46.50 2.00 0.00	54.68 2.41 0.00	68.87 2.52 0.00	75.30 3.17 0.00	65.94 2.72 0.00	54.75 2.26 0.00	47.73 2.10 0.00	44.12 1.70 0.00
EAST RIVER___7 23524	39.36 1.33 0.00	38.11 1.22 0.00	36.23 0.99 0.00	36.06 0.91 0.00	37.19 0.77 0.00	44.76 1.05 0.00	64.87 1.76 0.00	80.85 2.58 0.00	64.88 2.13 0.00	43.14 1.78 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.58 1.45 0.00	37.19 1.43 0.00	36.50 1.50 0.00	39.64 1.38 0.00	46.50 2.00 0.00	54.68 2.41 0.00	68.87 2.52 0.00	75.30 3.17 0.00	65.94 2.72 0.00	54.75 2.26 0.00	47.73 2.10 0.00	44.12 1.70 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.24 1.22 0.00	37.96 1.07 0.00	36.13 0.88 0.00	35.95 0.81 0.00	37.11 0.69 0.00	44.67 0.96 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.63 1.88 0.00	42.94 1.57 0.00	42.41 1.28 0.00	39.69 1.23 0.00	37.36 1.23 0.00	36.94 1.18 0.00	36.25 1.26 0.00	39.49 1.22 0.00	46.19 1.69 0.00	54.37 2.09 0.00	68.67 2.32 0.00	75.09 2.96 0.00	65.82 2.59 0.00	54.59 2.10 0.00	47.46 1.83 0.00	43.86 1.44 0.00
EAST_HAMPTON___DIESEL 23722	39.13 1.10 0.00	37.96 1.07 0.00	35.60 0.35 0.00	35.29 0.14 0.00	36.46 0.04 0.00	43.89 0.18 0.00	63.87 0.76 0.00	80.07 1.80 0.00	63.75 1.00 0.00	42.27 0.91 0.00	41.22 0.08 0.00	38.95 0.50 0.00	36.60 0.47 0.00	36.65 0.89 0.00	36.29 1.30 0.00	40.02 1.76 0.00	46.23 1.73 0.00	55.36 3.08 0.00	69.13 2.79 0.00	76.09 3.96 0.00	66.63 3.41 0.00	54.28 1.79 0.00	47.28 1.64 0.00	43.77 1.36 0.00
EAST_POINT___SOLAR 323840	41.03 3.00 0.00	39.77 2.88 0.00	37.89 2.64 0.00	37.89 2.74 0.00	39.30 2.88 0.00	47.30 3.59 0.00	68.60 5.49 0.00	85.86 7.59 0.00	66.45 3.70 0.00	42.15 0.78 0.00	41.46 0.33 0.00	38.73 0.27 0.00	37.04 0.90 0.00	36.72 0.97 0.00	35.90 0.91 0.00	39.87 1.61 0.00	47.21 2.71 0.00	56.51 4.23 0.00	72.32 5.97 0.00	79.20 7.07 0.00	69.04 5.81 0.00	57.43 4.93 0.00	49.74 4.11 0.00	46.07 3.65 0.00
EAST_PULASKI___ESR 323781	37.23 -0.80 0.00	36.08 -0.81 0.00	34.54 -0.70 0.00	34.51 -0.63 0.00	35.77 -0.65 0.00	42.88 -0.83 0.00	61.66 -1.45 0.00	76.55 -1.72 0.00	61.30 -1.44 0.00	40.29 -1.08 0.00	40.19 -0.94 0.00	37.57 -0.88 0.00	35.27 -0.87 0.00	34.90 -0.86 0.00	34.12 -0.87 0.00	37.31 -0.96 0.00	43.21 -1.29 0.00	50.81 -1.46 0.00	64.89 -1.46 0.00	70.54 -1.59 0.00	61.83 -1.39 0.00	51.23 -1.26 0.00	44.45 -1.19 0.00	41.36 -1.06 0.00
EAST_RIVER___1 323558	39.39 1.37 0.00	38.15 1.26 0.00	36.27 1.02 0.00	36.09 0.95 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.88 2.13 0.00	43.14 1.78 0.00	42.70 1.56 0.00	39.92 1.46 0.00	37.58 1.45 0.00	37.19 1.43 0.00	36.50 1.50 0.00	39.68 1.42 0.00	46.50 2.00 0.00	54.68 2.41 0.00	68.93 2.58 0.00	75.45 3.32 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.78 2.15 0.00	44.16 1.74 0.00
EAST_RIVER___2 323559	39.36 1.33 0.00	38.11 1.22 0.00	36.23 0.99 0.00	36.06 0.91 0.00	37.19 0.77 0.00	44.76 1.05 0.00	64.87 1.76 0.00	80.85 2.58 0.00	64.88 2.13 0.00	43.14 1.78 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.58 1.45 0.00	37.19 1.43 0.00	36.50 1.50 0.00	39.64 1.38 0.00	46.50 2.00 0.00	54.68 2.41 0.00	68.87 2.52 0.00	75.30 3.17 0.00	65.94 2.72 0.00	54.75 2.26 0.00	47.73 2.10 0.00	44.12 1.70 0.00
EAST___DELAWARE_HYD 23607	39.70 1.67 0.00	38.41 1.51 0.00	36.59 1.34 0.00	36.41 1.26 0.00	37.62 1.20 0.00	45.37 1.66 0.00	65.88 2.77 0.00	82.03 3.76 0.00	65.76 3.01 0.00	43.27 1.90 0.00	42.66 1.52 0.00	39.76 1.31 0.00	37.29 1.16 0.00	36.83 1.07 0.00	36.15 1.15 0.00	38.93 1.26 0.60	45.54 1.83 0.78	53.73 2.46 1.01	68.19 3.25 1.41	74.64 3.96 1.45	65.50 3.47 1.20	54.36 2.89 1.02	47.28 2.46 0.82	44.49 2.08 0.00
EIGHT_POINT___WT_PWR 323820	38.03 0.00 0.00	36.78 -0.11 0.00	35.57 0.32 0.00	35.36 0.21 0.00	36.78 0.36 0.00	44.19 0.48 0.00	62.35 -0.75 0.00	76.47 -1.80 0.00	61.30 -1.44 0.00	40.45 -0.91 0.00	40.07 -1.07 0.00	37.42 -1.04 0.00	35.05 -1.08 0.00	34.72 -1.04 0.00	33.80 -1.19 0.00	37.00 -1.26 0.00	43.16 -1.33 0.00	50.81 -1.46 0.00	65.15 -1.19 0.00	70.25 -1.88 0.00	61.33 -1.90 0.00	51.13 -1.37 0.00	44.45 -1.19 0.00	41.78 -0.64 0.00
ELBRIDGE_115KV_TB2 80188	37.38 -0.65 0.00	36.27 -0.63 0.00	34.76 -0.49 0.00	34.58 -0.56 0.00	35.84 -0.58 0.00	43.01 -0.70 0.00	61.78 -1.33 0.00	76.55 -1.72 0.00	61.30 -1.44 0.00	40.45 -0.91 0.00	40.35 -0.78 0.00	37.69 -0.77 0.00	35.41 -0.72 0.00	35.04 -0.72 0.00	34.26 -0.73 0.00	37.46 -0.80 0.00	43.43 -1.07 0.00	50.91 -1.36 0.00	64.89 -1.46 0.00	70.40 -1.73 0.00	61.58 -1.64 0.00	51.13 -1.36 0.00	44.45 -1.19 0.00	41.44 -0.98 0.00
ELEC_TRO_TEK 24086	39.47 1.45 0.00	38.11 1.22 0.00	36.24 0.99 0.00	36.06 0.91 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	81.09 2.82 0.00	64.94 2.20 0.00	43.39 2.03 0.00	42.74 1.60 0.00	39.99 1.54 0.00	37.55 1.41 0.00	37.11 1.36 0.00	36.46 1.47 0.00	39.79 1.53 0.00	46.50 2.00 0.00	54.89 2.61 0.00	69.13 2.79 0.00	75.95 3.82 0.00	66.45 3.22 0.00	55.01 2.52 0.00	48.01 2.37 0.00	44.16 1.74 0.00

ELLENBURG_WT_PWR 323604	38.10 0.08 0.00	37.30 0.41 0.00	35.67 0.42 0.00	35.70 0.56 0.00	37.26 0.84 0.00	44.76 1.05 0.00	65.00 1.89 0.00	80.38 2.11 0.00	64.75 2.01 0.00	42.32 0.95 0.00	42.08 0.95 0.00	39.34 0.89 0.00	36.97 0.83 0.00	36.61 0.86 0.00	35.80 0.81 0.00	39.18 0.92 0.00	45.61 1.11 0.00	53.74 1.46 0.00	68.27 1.93 0.00	73.71 1.58 0.00	64.80 1.58 0.00	53.70 1.21 0.00	46.59 0.96 0.00	43.22 0.80 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.27 -0.76 0.00	36.16 -0.74 0.00	34.79 -0.46 0.00	34.55 -0.60 0.00	35.95 -0.47 0.00	43.14 -0.57 0.00	60.14 -2.97 0.00	73.18 -5.09 0.00	58.79 -3.95 0.00	39.21 -2.15 0.00	39.20 -1.93 0.00	36.42 -2.04 0.00	34.18 -1.95 0.00	33.93 -1.82 0.00	33.00 -1.99 0.00	36.08 -2.18 0.00	41.87 -2.63 0.00	48.93 -3.35 0.00	62.76 -3.58 0.00	67.30 -4.83 0.00	58.42 -4.80 0.00	49.08 -3.41 0.00	42.94 -2.69 0.00	40.76 -1.65 0.00
EMPIRE_CC_1 323656	38.83 0.80 0.00	37.59 0.70 0.00	35.85 0.60 0.00	35.70 0.56 0.00	36.93 0.51 0.00	44.32 0.61 0.00	63.99 0.88 0.00	79.29 1.01 0.00	63.44 0.69 0.00	41.94 0.58 0.00	41.71 0.58 0.00	39.07 0.61 0.00	36.68 0.54 0.00	36.26 0.50 0.00	35.55 0.56 0.00	38.87 0.61 0.00	45.21 0.71 0.00	53.16 0.89 0.00	67.27 0.93 0.00	73.28 1.15 0.00	64.42 1.20 0.00	53.60 1.10 0.00	46.59 0.96 0.00	43.52 1.10 0.00
EMPIRE_CC_2 323658	38.83 0.80 0.00	37.59 0.70 0.00	35.85 0.60 0.00	35.70 0.56 0.00	36.93 0.51 0.00	44.32 0.61 0.00	63.99 0.88 0.00	79.29 1.01 0.00	63.44 0.69 0.00	41.94 0.58 0.00	41.71 0.58 0.00	39.07 0.61 0.00	36.68 0.54 0.00	36.26 0.50 0.00	35.55 0.56 0.00	38.87 0.61 0.00	45.21 0.71 0.00	53.16 0.89 0.00	67.27 0.93 0.00	73.28 1.15 0.00	64.42 1.20 0.00	53.60 1.10 0.00	46.59 0.96 0.00	43.52 1.10 0.00
ENORWICH_115KV_TB1 80156	40.39 2.36 0.00	39.18 2.29 0.00	37.47 2.22 0.00	37.50 2.35 0.00	38.97 2.55 0.00	46.99 3.28 0.00	67.90 4.80 0.00	85.00 6.73 0.00	67.76 5.02 0.00	43.93 2.56 0.00	43.36 2.22 0.00	40.42 1.96 0.00	37.83 1.70 0.00	37.54 1.79 0.00	36.78 1.78 0.00	40.37 2.10 0.00	47.21 2.71 0.00	56.04 3.76 0.00	71.79 5.44 0.00	77.90 5.77 0.00	67.59 4.36 0.00	55.85 3.36 0.00	48.24 2.60 0.00	44.88 2.46 0.00
ERIE_ST__34_KV_TB1-2 80199	37.88 -0.15 0.00	36.75 -0.15 0.00	35.35 0.11 0.00	35.11 -0.04 0.00	36.53 0.11 0.00	43.89 0.17 0.00	61.40 -1.70 0.00	74.75 -3.52 0.00	60.05 -2.70 0.00	40.00 -1.37 0.00	39.90 -1.23 0.00	37.07 -1.38 0.00	34.76 -1.37 0.00	34.58 -1.18 0.00	33.59 -1.40 0.00	36.73 -1.53 0.00	42.63 -1.87 0.00	49.92 -2.35 0.00	64.02 -2.32 0.00	68.81 -3.32 0.00	59.68 -3.54 0.00	50.08 -2.41 0.00	43.76 -1.87 0.00	41.53 -0.89 0.00
ERIE_WT_PWR 323693	37.57 -0.45 0.00	36.34 -0.55 0.00	35.07 -0.18 0.00	34.83 -0.32 0.00	36.24 -0.18 0.00	43.58 -0.13 0.00	60.71 -2.40 0.00	73.65 -4.62 0.00	59.42 -3.33 0.00	39.50 -1.86 0.00	39.41 -1.73 0.00	36.73 -1.73 0.00	34.47 -1.66 0.00	34.22 -1.54 0.00	33.21 -1.78 0.00	36.39 -1.87 0.00	42.23 -2.27 0.00	49.40 -2.88 0.00	63.36 -2.98 0.00	67.66 -4.47 0.00	58.99 -4.24 0.00	49.56 -2.94 0.00	43.31 -2.33 0.00	41.15 -1.27 0.00
ESPRGFLD_115KV_TB1 80157	40.12 2.09 0.00	38.85 1.96 0.00	37.05 1.80 0.00	37.01 1.86 0.00	38.35 1.93 0.00	46.07 2.36 0.00	66.71 3.60 0.00	83.20 4.93 0.00	66.07 3.33 0.00	42.94 1.57 0.00	42.49 1.36 0.00	39.72 1.27 0.00	37.44 1.30 0.00	37.08 1.32 0.00	36.32 1.33 0.00	39.91 1.65 0.00	46.63 2.14 0.00	55.25 2.98 0.00	70.46 4.11 0.00	76.82 4.69 0.00	67.02 3.79 0.00	55.75 3.25 0.00	48.28 2.65 0.00	44.79 2.38 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.45 0.42 0.00	37.26 0.37 0.00	35.71 0.46 0.00	35.57 0.42 0.00	36.89 0.47 0.00	44.32 0.61 0.00	63.74 0.63 0.00	79.05 0.78 0.00	63.25 0.50 0.00	41.57 0.21 0.00	41.26 0.12 0.00	38.49 0.04 0.00	36.14 0.00 0.00	35.79 0.04 0.00	34.99 0.00 0.00	38.30 0.04 0.00	44.59 0.09 0.00	52.48 0.21 0.00	67.07 0.73 0.00	72.85 0.72 0.00	63.60 0.38 0.00	52.81 0.31 0.00	45.77 0.14 0.00	42.67 0.25 0.00
ETNA____115KV_TB2 80207	38.45 0.42 0.00	37.26 0.37 0.00	35.71 0.46 0.00	35.57 0.42 0.00	36.89 0.47 0.00	44.32 0.61 0.00	63.74 0.63 0.00	79.05 0.78 0.00	63.25 0.50 0.00	41.57 0.21 0.00	41.26 0.12 0.00	38.49 0.04 0.00	36.14 0.00 0.00	35.79 0.04 0.00	34.99 0.00 0.00	38.30 0.04 0.00	44.59 0.09 0.00	52.48 0.21 0.00	67.07 0.73 0.00	72.85 0.72 0.00	63.60 0.38 0.00	52.81 0.31 0.00	45.77 0.14 0.00	42.67 0.25 0.00
EUCLID____115KV_TB2 356179	37.11 -0.91 0.00	36.01 -0.89 0.00	34.47 -0.78 0.00	34.34 -0.81 0.00	35.58 -0.84 0.00	42.66 -1.05 0.00	61.28 -1.83 0.00	76.00 -2.27 0.00	60.86 -1.88 0.00	40.21 -1.16 0.00	40.15 -0.99 0.00	37.49 -0.96 0.00	35.23 -0.90 0.00	34.86 -0.89 0.00	34.08 -0.91 0.00	37.31 -0.96 0.00	43.16 -1.33 0.00	50.60 -1.67 0.00	64.42 -1.92 0.00	69.89 -2.24 0.00	61.14 -2.09 0.00	50.76 -1.73 0.00	44.17 -1.46 0.00	41.14 -1.27 0.00
E_CANADA_CAP_HY 24051	40.73 2.70 0.00	39.48 2.58 0.00	37.65 2.40 0.00	37.57 2.42 0.00	38.97 2.55 0.00	46.69 2.97 0.00	67.65 4.55 0.00	84.69 6.42 0.00	66.57 3.83 0.00	42.90 1.53 0.00	42.49 1.36 0.00	39.72 1.27 0.00	37.58 1.45 0.00	37.26 1.50 0.00	36.46 1.47 0.00	40.21 1.95 0.00	47.08 2.58 0.00	55.93 3.66 0.00	71.38 5.04 0.00	78.11 5.98 0.00	68.16 4.93 0.00	56.90 4.41 0.00	49.29 3.65 0.00	45.68 3.27 0.00
E_CANADA_MHWK_HY 24050	37.23 -0.80 0.00	36.16 -0.74 0.00	34.65 -0.60 0.00	34.62 -0.53 0.00	35.95 -0.47 0.00	43.23 -0.48 0.00	62.60 -0.51 0.00	78.04 -0.23 0.00	62.56 -0.19 0.00	41.16 -0.21 0.00	40.89 -0.25 0.00	38.26 -0.19 0.00	35.92 -0.22 0.00	35.54 -0.21 0.00	34.78 -0.21 0.00	38.03 -0.23 0.00	44.28 -0.22 0.00	51.91 -0.36 0.00	65.68 -0.66 0.00	71.27 -0.86 0.00	62.15 -1.08 0.00	51.45 -1.05 0.00	44.63 -1.00 0.00	41.40 -1.02 0.00
E_FISHKILL____LBMP 23776	39.05 1.03 0.00	37.78 0.89 0.00	35.99 0.74 0.00	35.85 0.70 0.00	37.00 0.58 0.00	44.50 0.79 0.00	64.50 1.39 0.00	80.15 1.88 0.00	64.25 1.51 0.00	42.61 1.24 0.00	42.16 1.03 0.00	39.45 1.00 0.00	37.15 1.01 0.00	36.68 0.93 0.00	36.01 1.01 0.00	39.26 0.99 0.00	45.88 1.38 0.00	53.95 1.67 0.00	68.20 1.86 0.00	74.58 2.45 0.00	65.37 2.15 0.00	54.28 1.78 0.00	47.19 1.55 0.00	43.69 1.27 0.00
FALCON____SEABRD_CC1 323796	38.56 0.53 0.00	37.89 1.00 0.00	36.31 1.06 0.00	36.41 1.26 0.00	38.06 1.64 0.00	45.77 2.05 0.00	66.70 3.60 0.00	82.34 4.07 0.00	66.51 3.76 0.00	43.35 1.99 0.00	43.11 1.97 0.00	40.30 1.85 0.00	37.87 1.73 0.00	37.51 1.75 0.00	36.64 1.65 0.00	40.17 1.91 0.00	46.72 2.22 0.00	55.15 2.87 0.00	70.06 3.71 0.00	75.45 3.32 0.00	66.38 3.16 0.00	55.01 2.52 0.00	47.64 2.01 0.00	44.16 1.74 0.00

FALCON___SEABRD_CC2 323797	38.56 0.53 0.00	37.89 1.00 0.00	36.31 1.06 0.00	36.41 1.26 0.00	38.06 1.64 0.00	45.77 2.05 0.00	66.70 3.60 0.00	82.34 4.07 0.00	66.51 3.76 0.00	43.35 1.99 0.00	43.11 1.97 0.00	40.30 1.85 0.00	37.87 1.73 0.00	37.51 1.75 0.00	36.64 1.65 0.00	40.17 1.91 0.00	46.72 2.22 0.00	55.15 2.87 0.00	70.06 3.71 0.00	75.45 3.32 0.00	66.38 3.16 0.00	55.01 2.52 0.00	47.64 2.01 0.00	44.16 1.74 0.00
FAR ROCKAWAY___4 23548	39.93 1.90 0.00	38.52 1.62 0.00	36.62 1.37 0.00	36.44 1.30 0.00	37.62 1.20 0.00	45.37 1.66 0.00	65.63 2.52 0.00	81.95 3.68 0.00	65.63 2.89 0.00	43.80 2.44 0.00	43.19 2.06 0.00	40.38 1.92 0.00	37.87 1.73 0.00	37.44 1.68 0.00	36.78 1.78 0.00	40.18 1.91 0.00	46.95 2.45 0.00	55.46 3.19 0.00	69.93 3.58 0.00	76.89 4.76 0.00	67.27 4.05 0.00	55.70 3.20 0.00	48.60 2.97 0.00	44.67 2.25 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.43 1.41 0.00	38.15 1.25 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.88 2.13 0.00	43.23 1.86 0.00	42.70 1.56 0.00	39.92 1.46 0.00	37.65 1.52 0.00	37.26 1.50 0.00	36.57 1.57 0.00	39.75 1.49 0.00	46.55 2.05 0.00	54.73 2.46 0.00	69.00 2.65 0.00	75.45 3.32 0.00	66.07 2.85 0.00	54.86 2.36 0.00	47.69 2.05 0.00	44.07 1.65 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.43 1.41 0.00	38.15 1.25 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.88 2.13 0.00	43.23 1.86 0.00	42.70 1.56 0.00	39.92 1.46 0.00	37.65 1.52 0.00	37.26 1.50 0.00	36.57 1.57 0.00	39.75 1.49 0.00	46.55 2.05 0.00	54.73 2.46 0.00	69.00 2.65 0.00	75.45 3.32 0.00	66.07 2.85 0.00	54.86 2.36 0.00	47.69 2.05 0.00	44.07 1.65 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.40 1.37 0.00	38.11 1.22 0.00	36.24 0.99 0.00	36.13 0.98 0.00	37.22 0.80 0.00	44.85 1.14 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.88 2.13 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.65 1.52 0.00	37.26 1.50 0.00	36.57 1.57 0.00	39.72 1.45 0.00	46.50 2.00 0.00	54.68 2.40 0.00	68.93 2.59 0.00	75.45 3.32 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.64 2.01 0.00	44.07 1.65 0.00
FARRAGUT___LBMP 323566	39.40 1.37 0.00	38.07 1.18 0.00	36.24 0.99 0.00	36.09 0.95 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.88 1.77 0.00	80.85 2.58 0.00	64.82 2.07 0.00	43.14 1.78 0.00	42.66 1.52 0.00	39.88 1.42 0.00	37.62 1.48 0.00	37.22 1.47 0.00	36.53 1.54 0.00	39.68 1.42 0.00	46.50 2.00 0.00	54.63 2.35 0.00	68.87 2.52 0.00	75.37 3.25 0.00	65.94 2.72 0.00	54.75 2.26 0.00	47.64 2.01 0.00	44.03 1.61 0.00
FENNER___WINDPWR 24204	38.60 0.57 0.00	37.41 0.52 0.00	35.78 0.53 0.00	35.70 0.56 0.00	37.00 0.58 0.00	44.45 0.74 0.00	64.18 1.07 0.00	79.75 1.48 0.00	63.88 1.13 0.00	41.90 0.54 0.00	41.63 0.50 0.00	38.92 0.46 0.00	36.50 0.36 0.00	36.19 0.43 0.00	35.38 0.39 0.00	38.72 0.46 0.00	45.08 0.58 0.00	53.06 0.79 0.00	67.60 1.26 0.00	73.50 1.37 0.00	64.23 1.01 0.00	53.23 0.73 0.00	46.14 0.50 0.00	42.93 0.51 0.00
FIBERTEK___ENERGY 23856	37.53 -0.49 0.00	36.41 -0.48 0.00	34.90 -0.35 0.00	34.76 -0.39 0.00	36.02 -0.40 0.00	43.19 -0.52 0.00	62.10 -1.01 0.00	77.02 -1.25 0.00	61.68 -1.07 0.00	40.70 -0.66 0.00	40.60 -0.53 0.00	37.92 -0.54 0.00	35.59 -0.54 0.00	35.25 -0.50 0.00	34.47 -0.52 0.00	37.69 -0.57 0.00	43.65 -0.85 0.00	51.23 -1.05 0.00	65.28 -1.06 0.00	70.83 -1.30 0.00	61.96 -1.26 0.00	51.44 -1.05 0.00	44.68 -0.96 0.00	41.65 -0.76 0.00
FITZPATRICK____ 23598	36.70 -1.33 0.00	35.57 -1.33 0.00	34.09 -1.16 0.00	33.95 -1.20 0.00	35.18 -1.24 0.00	42.14 -1.57 0.00	60.58 -2.53 0.00	75.06 -3.21 0.00	60.23 -2.51 0.00	39.75 -1.61 0.00	39.69 -1.44 0.00	37.11 -1.35 0.00	34.87 -1.27 0.00	34.50 -1.25 0.00	33.77 -1.23 0.00	36.92 -1.34 0.00	42.72 -1.78 0.00	50.03 -2.25 0.00	63.56 -2.78 0.00	69.03 -3.10 0.00	60.44 -2.78 0.00	50.24 -2.26 0.00	43.67 -1.96 0.00	40.68 -1.74 0.00
FLOWRFLD_69_KV_BK1 356044	39.62 1.60 0.00	38.22 1.33 0.00	36.38 1.13 0.00	36.13 0.98 0.00	37.40 0.98 0.00	44.98 1.27 0.00	65.13 2.02 0.00	81.64 3.37 0.00	65.00 2.26 0.00	43.60 2.23 0.00	42.78 1.65 0.00	40.03 1.58 0.00	37.40 1.26 0.00	37.01 1.25 0.00	36.43 1.43 0.00	39.98 1.72 0.00	46.55 2.05 0.00	55.31 3.03 0.00	69.66 3.32 0.00	76.74 4.62 0.00	67.27 4.05 0.00	55.33 2.83 0.00	48.33 2.69 0.00	44.24 1.82 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.62 1.60 0.00	38.30 1.40 0.00	36.48 1.23 0.00	36.30 1.16 0.00	37.48 1.06 0.00	45.20 1.49 0.00	65.63 2.52 0.00	81.79 3.52 0.00	65.57 2.82 0.00	43.23 1.86 0.00	42.66 1.52 0.00	39.84 1.38 0.00	37.26 1.12 0.00	36.76 1.00 0.00	35.97 0.98 0.00	39.22 0.96 0.00	45.97 1.47 0.00	54.21 1.93 0.00	68.53 2.19 0.00	74.94 2.81 0.00	66.13 2.91 0.00	55.01 2.52 0.00	47.73 2.10 0.00	44.16 1.74 0.00
FORT ORANGE____ 23900	39.32 1.29 0.00	38.11 1.22 0.00	36.34 1.09 0.00	36.20 1.05 0.00	37.48 1.06 0.00	45.02 1.31 0.00	65.13 2.02 0.00	81.01 2.74 0.00	64.81 2.07 0.00	42.60 1.24 0.00	42.20 1.07 0.00	39.45 1.00 0.00	37.07 0.94 0.00	36.68 0.93 0.00	35.69 0.70 0.00	37.71 0.76 1.32	43.81 1.02 1.72	51.41 1.36 2.22	64.96 1.72 3.10	71.09 2.16 3.20	62.54 1.96 2.64	51.83 1.57 2.24	45.20 1.37 1.80	43.69 1.27 0.00
FORT_DRUM_COGEN 23780	37.80 -0.23 0.00	36.64 -0.26 0.00	34.97 -0.28 0.00	35.14 0.00 0.00	36.53 0.11 0.00	43.89 0.17 0.00	63.49 0.38 0.00	79.37 1.10 0.00	63.31 0.56 0.00	41.16 -0.21 0.00	40.89 -0.25 0.00	38.15 -0.31 0.00	35.74 -0.40 0.00	35.36 -0.39 0.00	34.61 -0.38 0.00	37.92 -0.34 0.00	44.01 -0.49 0.00	52.17 -0.10 0.00	67.07 0.73 0.00	73.28 1.15 0.00	64.04 0.82 0.00	52.97 0.47 0.00	45.50 -0.14 0.00	42.12 -0.30 0.00
FOX_HILLS___ESR 323835	39.86 1.83 -0.01	56.88 1.70 -18.29	36.70 1.45 -0.01	36.56 1.41 -0.01	37.70 1.27 -0.01	45.24 1.53 0.00	65.13 2.02 0.00	81.17 2.90 0.00	64.82 2.07 0.00	57.72 2.19 -14.16	57.63 1.89 -14.61	57.66 1.81 -17.40	57.69 1.84 -19.71	57.65 1.79 -20.11	57.65 1.85 -20.80	58.48 1.84 -18.38	60.64 2.40 -13.74	61.90 2.77 -6.86	69.00 2.65 0.00	75.52 3.39 0.00	66.13 2.91 0.00	61.85 2.62 -6.73	59.19 2.37 -11.18	57.59 2.12 -13.05
FPL FAR_ROCK_GT1 24212	39.93 1.90 0.00	38.59 1.70 0.00	36.66 1.41 0.00	36.45 1.30 0.00	37.66 1.24 0.00	45.33 1.62 0.00	65.64 2.53 0.00	81.87 3.60 0.00	65.69 2.95 0.00	43.68 2.31 0.00	43.19 2.06 0.00	40.34 1.88 0.00	37.83 1.70 0.00	37.40 1.65 0.00	36.74 1.75 0.00	40.10 1.84 0.00	46.94 2.45 0.00	55.46 3.19 0.00	69.93 3.58 0.00	76.89 4.76 0.00	67.21 3.99 0.00	55.70 3.20 0.00	48.65 3.01 0.00	44.75 2.33 0.00

FPL FAR_ROCK_GT2 23815	39.93 1.90 0.00	38.59 1.70 0.00	36.66 1.41 0.00	36.45 1.30 0.00	37.66 1.24 0.00	45.33 1.62 0.00	65.64 2.53 0.00	81.87 3.60 0.00	65.69 2.95 0.00	43.68 2.31 0.00	43.19 2.06 0.00	40.34 1.88 0.00	37.83 1.70 0.00	37.40 1.65 0.00	36.74 1.75 0.00	40.10 1.84 0.00	46.94 2.45 0.00	55.46 3.19 0.00	69.93 3.58 0.00	76.89 4.76 0.00	67.21 3.99 0.00	55.70 3.20 0.00	48.65 3.01 0.00	44.75 2.33 0.00
FRANKLIN_FALL_HYD 24054	38.56 0.53 0.00	37.67 0.77 0.00	35.95 0.70 0.00	36.02 0.88 0.00	37.66 1.24 0.00	45.24 1.53 0.00	65.89 2.78 0.00	81.17 2.90 0.00	65.57 2.82 0.00	42.65 1.28 0.00	42.37 1.23 0.00	39.57 1.12 0.00	37.22 1.08 0.00	36.86 1.11 0.00	36.01 1.01 0.00	39.45 1.19 0.00	45.92 1.42 0.00	54.16 1.88 0.00	68.93 2.59 0.00	74.36 2.24 0.00	65.50 2.28 0.00	54.28 1.78 0.00	47.00 1.37 0.00	43.52 1.10 0.00
FREEPORT_EQUS_GT1 23764	39.70 1.67 0.00	38.37 1.48 0.00	36.41 1.16 0.00	36.20 1.05 0.00	37.40 0.98 0.00	45.02 1.31 0.00	65.26 2.15 0.00	81.40 3.13 0.00	65.26 2.51 0.00	43.47 2.11 0.00	42.99 1.85 0.00	40.15 1.69 0.00	37.65 1.52 0.00	37.22 1.47 0.00	36.57 1.58 0.00	39.94 1.68 0.00	46.68 2.18 0.00	55.20 2.93 0.00	69.60 3.25 0.00	76.53 4.40 0.00	66.95 3.73 0.00	55.43 2.94 0.00	48.42 2.78 0.00	44.45 2.04 0.00
FREEPORT___CT2 23818	39.70 1.67 0.00	38.37 1.48 0.00	36.41 1.16 0.00	36.20 1.05 0.00	37.40 0.98 0.00	45.02 1.31 0.00	65.26 2.15 0.00	81.40 3.13 0.00	65.26 2.51 0.00	43.47 2.11 0.00	42.99 1.85 0.00	40.15 1.69 0.00	37.65 1.52 0.00	37.22 1.47 0.00	36.57 1.58 0.00	39.94 1.68 0.00	46.68 2.18 0.00	55.20 2.93 0.00	69.60 3.25 0.00	76.53 4.40 0.00	66.95 3.73 0.00	55.43 2.94 0.00	48.42 2.78 0.00	44.45 2.04 0.00
FRESHKLS_33_KV_LOAD 356253	39.82 1.79 -0.01	56.88 1.70 -18.29	36.70 1.45 -0.01	36.56 1.41 -0.01	37.70 1.27 -0.01	45.20 1.49 0.00	64.94 1.83 0.00	81.01 2.74 0.00	64.62 1.88 0.01	57.68 2.15 -14.16	57.59 1.85 -14.61	57.63 1.77 -17.40	57.65 1.81 -19.71	57.62 1.75 -20.11	57.65 1.85 -20.80	58.44 1.80 -18.38	60.55 2.31 -13.74	61.85 2.72 -6.86	68.79 2.45 0.01	75.29 3.17 0.01	66.00 2.78 0.01	61.74 2.52 -6.73	59.19 2.37 -11.18	57.59 2.12 -13.05
FULTON COGEN____ 23766	36.92 -1.10 0.00	35.82 -1.07 0.00	34.33 -0.92 0.00	34.20 -0.95 0.00	35.44 -0.98 0.00	42.44 -1.27 0.00	61.03 -2.08 0.00	75.69 -2.58 0.00	60.61 -2.13 0.00	40.00 -1.37 0.00	39.94 -1.19 0.00	37.34 -1.12 0.00	35.02 -1.12 0.00	34.68 -1.07 0.00	33.91 -1.08 0.00	37.08 -1.19 0.00	42.94 -1.56 0.00	50.34 -1.93 0.00	64.09 -2.26 0.00	69.68 -2.45 0.00	60.95 -2.28 0.00	50.60 -1.89 0.00	43.95 -1.69 0.00	40.97 -1.44 0.00
FULTON___LFGE 323630	40.58 2.55 0.00	39.33 2.43 0.00	37.47 2.22 0.00	37.43 2.28 0.00	38.82 2.40 0.00	46.73 3.01 0.00	67.71 4.60 0.00	84.76 6.49 0.00	66.70 3.96 0.00	43.10 1.74 0.00	42.57 1.44 0.00	39.76 1.31 0.00	37.62 1.48 0.00	37.26 1.50 0.00	36.50 1.50 0.00	40.25 1.99 0.00	47.17 2.67 0.00	55.93 3.66 0.00	71.38 5.04 0.00	78.11 5.98 0.00	68.22 4.99 0.00	56.70 4.20 0.00	49.15 3.51 0.00	45.51 3.09 0.00
G.F.CEMENT___DRP 24184	39.43 1.41 0.00	38.26 1.37 0.00	36.45 1.20 0.00	36.41 1.27 0.00	37.69 1.27 0.00	45.55 1.84 0.00	65.95 2.84 0.00	82.26 3.99 0.00	65.69 2.95 0.00	42.77 1.41 0.00	42.08 0.95 0.00	39.38 0.92 0.00	37.08 0.94 0.00	36.68 0.93 0.00	35.97 0.98 0.00	39.53 1.26 0.00	46.23 1.74 0.00	54.57 2.30 0.00	69.46 3.12 0.00	76.02 3.89 0.00	66.51 3.29 0.00	55.12 2.62 0.00	48.87 3.24 0.00	45.47 3.05 0.00
GARDENVILLE___LBMP 24039	37.42 -0.61 0.00	36.30 -0.59 0.00	34.90 -0.35 0.00	34.69 -0.46 0.00	36.06 -0.36 0.00	43.36 -0.35 0.00	60.46 -2.65 0.00	73.57 -4.70 0.00	59.11 -3.64 0.00	39.38 -1.99 0.00	39.37 -1.77 0.00	36.57 -1.88 0.00	34.29 -1.84 0.00	34.07 -1.68 0.00	33.14 -1.85 0.00	36.23 -2.03 0.00	42.01 -2.49 0.00	49.14 -3.14 0.00	63.09 -3.25 0.00	67.66 -4.47 0.00	58.73 -4.49 0.00	49.35 -3.15 0.00	43.12 -2.51 0.00	40.97 -1.44 0.00
GARDNVLA_35_KV_LD 355827	37.65 -0.38 0.00	36.53 -0.37 0.00	35.14 -0.11 0.00	34.90 -0.25 0.00	36.31 -0.11 0.00	43.67 -0.04 0.00	60.90 -2.21 0.00	74.20 -4.07 0.00	59.61 -3.14 0.00	39.71 -1.65 0.00	39.70 -1.44 0.00	36.88 -1.58 0.00	34.58 -1.55 0.00	34.36 -1.39 0.00	33.38 -1.61 0.00	36.54 -1.72 0.00	42.36 -2.14 0.00	49.56 -2.72 0.00	63.56 -2.79 0.00	68.16 -3.97 0.00	59.11 -4.11 0.00	49.66 -2.83 0.00	43.44 -2.19 0.00	41.23 -1.19 0.00
GELCKHM___115KV_LOAD 80723	37.27 -0.76 0.00	36.16 -0.74 0.00	34.61 -0.63 0.00	34.48 -0.67 0.00	35.73 -0.69 0.00	42.84 -0.87 0.00	61.53 -1.58 0.00	76.31 -1.96 0.00	61.18 -1.57 0.00	40.37 -0.99 0.00	40.31 -0.82 0.00	37.65 -0.81 0.00	35.38 -0.76 0.00	35.00 -0.75 0.00	34.22 -0.77 0.00	37.46 -0.80 0.00	43.34 -1.16 0.00	50.81 -1.46 0.00	64.69 -1.66 0.00	70.25 -1.88 0.00	61.45 -1.77 0.00	51.02 -1.47 0.00	44.36 -1.28 0.00	41.31 -1.10 0.00
GENERAL___MILLS 23808	37.53 -0.49 0.00	36.45 -0.44 0.00	35.04 -0.21 0.00	34.83 -0.32 0.00	36.20 -0.22 0.00	43.54 -0.17 0.00	60.71 -2.40 0.00	73.89 -4.38 0.00	59.36 -3.39 0.00	39.54 -1.82 0.00	39.53 -1.60 0.00	36.72 -1.73 0.00	34.44 -1.70 0.00	34.22 -1.54 0.00	33.24 -1.75 0.00	36.35 -1.91 0.00	42.18 -2.31 0.00	49.35 -2.93 0.00	63.29 -3.05 0.00	67.87 -4.26 0.00	58.92 -4.30 0.00	49.50 -2.99 0.00	43.31 -2.33 0.00	41.10 -1.31 0.00
GE_PLASTICS___DRP 24183	38.98 0.95 0.00	37.78 0.89 0.00	36.02 0.78 0.00	35.92 0.77 0.00	37.15 0.73 0.00	44.63 0.92 0.00	64.56 1.45 0.00	80.07 1.80 0.00	64.31 1.57 0.00	42.36 0.99 0.00	42.00 0.86 0.00	39.30 0.85 0.00	36.93 0.79 0.00	36.51 0.75 0.00	35.31 0.31 0.00	17.60 0.27 20.93	17.65 0.44 27.30	17.60 0.58 35.25	17.60 0.60 49.34	21.99 0.79 50.93	22.07 0.82 41.97	17.60 0.68 35.58	17.60 0.59 28.63	43.01 0.59 0.00
GILBOA___1 23756	38.71 0.69 0.00	37.48 0.59 0.00	35.78 0.53 0.00	35.64 0.49 0.00	36.86 0.44 0.00	44.28 0.57 0.00	63.99 0.88 0.00	79.45 1.18 0.00	63.62 0.88 0.00	42.02 0.66 0.00	41.71 0.58 0.00	38.99 0.54 0.00	36.64 0.51 0.00	36.26 0.50 0.00	35.52 0.53 0.00	38.76 0.50 0.00	45.21 0.71 0.00	53.16 0.89 0.00	67.27 0.93 0.00	73.35 1.22 0.00	64.30 1.07 0.00	53.49 0.99 0.00	46.55 0.91 0.00	43.22 0.80 0.00
GILBOA___2 23757	38.71 0.69 0.00	37.48 0.59 0.00	35.78 0.53 0.00	35.64 0.49 0.00	36.86 0.44 0.00	44.28 0.57 0.00	63.99 0.88 0.00	79.45 1.18 0.00	63.62 0.88 0.00	42.02 0.66 0.00	41.71 0.58 0.00	38.99 0.54 0.00	36.64 0.51 0.00	36.26 0.50 0.00	35.52 0.53 0.00	38.76 0.50 0.00	45.21 0.71 0.00	53.16 0.89 0.00	67.27 0.93 0.00	73.35 1.22 0.00	64.30 1.07 0.00	53.49 0.99 0.00	46.55 0.91 0.00	43.22 0.80 0.00

GILBOA___3 23758	38.71 0.69 0.00	37.48 0.59 0.00	35.78 0.53 0.00	35.64 0.49 0.00	36.86 0.44 0.00	44.28 0.57 0.00	63.99 0.88 0.00	79.45 1.18 0.00	63.62 0.88 0.00	42.02 0.66 0.00	41.71 0.58 0.00	38.99 0.54 0.00	36.64 0.51 0.00	36.26 0.50 0.00	35.52 0.53 0.00	38.76 0.50 0.00	45.21 0.71 0.00	53.16 0.89 0.00	67.27 0.93 0.00	73.35 1.22 0.00	64.30 1.07 0.00	53.49 0.99 0.00	46.55 0.91 0.00	43.22 0.80 0.00
GILBOA___4 23759	38.71 0.69 0.00	37.48 0.59 0.00	35.78 0.53 0.00	35.64 0.49 0.00	36.86 0.44 0.00	44.28 0.57 0.00	63.99 0.88 0.00	79.45 1.18 0.00	63.62 0.88 0.00	42.02 0.66 0.00	41.71 0.58 0.00	38.99 0.54 0.00	36.64 0.51 0.00	36.26 0.50 0.00	35.52 0.53 0.00	38.76 0.50 0.00	45.21 0.71 0.00	53.16 0.89 0.00	67.27 0.93 0.00	73.35 1.22 0.00	64.30 1.07 0.00	53.49 0.99 0.00	46.55 0.91 0.00	43.22 0.80 0.00
GILBOA___ 23599	38.71 0.68 0.00	37.48 0.59 0.00	35.78 0.53 0.00	35.64 0.49 0.00	36.86 0.44 0.00	44.28 0.57 0.00	63.99 0.88 0.00	79.44 1.17 0.00	63.62 0.88 0.00	42.07 0.70 0.00	41.71 0.58 0.00	38.99 0.54 0.00	36.68 0.54 0.00	36.26 0.50 0.00	35.52 0.52 0.00	38.80 0.54 0.00	45.21 0.71 0.00	53.16 0.89 0.00	67.27 0.93 0.00	73.35 1.23 0.00	64.30 1.07 0.00	53.49 1.00 0.00	46.50 0.87 0.00	43.22 0.81 0.00
GINNA___ 23603	35.52 -2.51 0.00	34.46 -2.44 0.00	33.13 -2.11 0.00	32.97 -2.18 0.00	34.24 -2.18 0.00	41.13 -2.58 0.00	58.25 -4.86 0.00	71.85 -6.42 0.00	57.91 -4.83 0.00	38.18 -3.18 0.00	38.05 -3.09 0.00	35.49 -2.96 0.00	33.35 -2.78 0.00	33.07 -2.68 0.00	32.26 -2.73 0.00	35.39 -2.87 0.00	41.03 -3.47 0.00	48.14 -4.13 0.00	61.44 -4.91 0.00	66.36 -5.77 0.00	58.04 -5.18 0.00	48.29 -4.20 0.00	41.94 -3.69 0.00	39.28 -3.14 0.00
GLEN PARK___ 23778	37.91 -0.11 0.00	36.71 -0.18 0.00	35.04 -0.21 0.00	35.21 0.07 0.00	36.60 0.18 0.00	43.98 0.26 0.00	63.61 0.50 0.00	79.45 1.18 0.00	63.37 0.63 0.00	41.16 -0.21 0.00	40.80 -0.33 0.00	38.11 -0.35 0.00	35.67 -0.47 0.00	35.33 -0.43 0.00	34.54 -0.46 0.00	37.84 -0.42 0.00	44.01 -0.49 0.00	52.22 -0.05 0.00	67.21 0.86 0.00	73.50 1.37 0.00	64.23 1.01 0.00	53.07 0.58 0.00	45.59 -0.05 0.00	42.21 -0.21 0.00
GLENDALE_27_KV_LOAD 356172	39.78 1.75 -0.01	38.45 1.55 -0.01	36.60 1.34 -0.01	36.45 1.30 -0.01	37.59 1.17 -0.01	45.11 1.40 0.00	65.19 2.08 0.00	81.32 3.05 0.00	65.13 2.38 0.00	43.52 2.15 0.00	42.99 1.85 0.00	40.22 1.77 0.00	37.94 1.81 0.00	37.51 1.75 0.00	36.81 1.82 0.00	40.02 1.76 0.00	46.86 2.36 0.00	55.04 2.77 0.00	69.26 2.92 0.00	75.73 3.61 0.00	66.32 3.10 0.00	55.07 2.57 0.00	47.92 2.28 0.00	44.41 1.99 0.00
GLENWOOD_IC_1_G5 23712	39.66 1.64 0.00	38.26 1.37 0.00	36.41 1.16 0.00	36.20 1.05 0.00	37.40 0.98 0.00	45.07 1.36 0.00	65.25 2.15 0.00	81.56 3.29 0.00	65.32 2.57 0.00	43.64 2.28 0.00	42.99 1.85 0.00	40.22 1.77 0.00	37.76 1.63 0.00	37.33 1.57 0.00	36.67 1.68 0.00	40.02 1.76 0.00	46.77 2.27 0.00	55.20 2.93 0.00	69.60 3.25 0.00	76.46 4.33 0.00	66.89 3.67 0.00	55.33 2.83 0.00	48.28 2.65 0.00	44.37 1.95 0.00
GLENWOOD_IC_2_G1 23688	39.62 1.60 0.00	38.30 1.40 0.00	36.38 1.13 0.00	36.16 1.02 0.00	37.37 0.95 0.00	44.98 1.27 0.00	65.13 2.02 0.00	81.24 2.97 0.00	65.19 2.44 0.00	43.39 2.03 0.00	42.90 1.77 0.00	40.11 1.65 0.00	37.62 1.48 0.00	37.19 1.43 0.00	36.53 1.54 0.00	39.87 1.61 0.00	46.63 2.14 0.00	55.04 2.77 0.00	69.40 2.92 0.00	76.24 4.11 0.00	66.70 3.47 0.00	55.22 2.73 0.00	48.23 2.60 0.00	44.37 1.95 0.00
GLENWOOD_IC_3_G1 23689	39.62 1.60 0.00	38.30 1.40 0.00	36.38 1.13 0.00	36.16 1.02 0.00	37.37 0.95 0.00	44.98 1.27 0.00	65.13 2.02 0.00	81.24 2.97 0.00	65.19 2.44 0.00	43.39 2.03 0.00	42.90 1.77 0.00	40.11 1.65 0.00	37.62 1.48 0.00	37.19 1.43 0.00	36.53 1.54 0.00	39.87 1.61 0.00	46.63 2.14 0.00	55.04 2.77 0.00	69.40 2.92 0.00	76.24 4.11 0.00	66.70 3.47 0.00	55.22 2.73 0.00	48.23 2.60 0.00	44.37 1.95 0.00
GLENWOOD___4 23550	39.66 1.64 0.00	38.26 1.37 0.00	36.41 1.16 0.00	36.20 1.05 0.00	37.40 0.98 0.00	45.07 1.36 0.00	65.25 2.15 0.00	81.56 3.29 0.00	65.32 2.57 0.00	43.64 2.28 0.00	42.99 1.85 0.00	40.22 1.77 0.00	37.76 1.63 0.00	37.33 1.57 0.00	36.67 1.68 0.00	40.02 1.76 0.00	46.77 2.27 0.00	55.20 2.93 0.00	69.60 3.25 0.00	76.46 4.33 0.00	66.89 3.67 0.00	55.33 2.83 0.00	48.28 2.65 0.00	44.37 1.95 0.00
GLENWOOD___5 23614	39.66 1.64 0.00	38.26 1.37 0.00	36.41 1.16 0.00	36.20 1.05 0.00	37.40 0.98 0.00	45.07 1.36 0.00	65.25 2.15 0.00	81.56 3.29 0.00	65.32 2.57 0.00	43.64 2.28 0.00	42.99 1.85 0.00	40.22 1.77 0.00	37.76 1.63 0.00	37.33 1.57 0.00	36.67 1.68 0.00	40.02 1.76 0.00	46.77 2.27 0.00	55.20 2.93 0.00	69.60 3.25 0.00	76.46 4.33 0.00	66.89 3.67 0.00	55.33 2.83 0.00	48.28 2.65 0.00	44.37 1.95 0.00
GLOBAL GREEN_PORT_GT1 23814	39.44 1.41 0.00	38.26 1.37 0.00	35.95 0.70 0.00	35.64 0.49 0.00	36.86 0.44 0.00	44.32 0.61 0.00	64.50 1.39 0.00	80.85 2.58 0.00	64.31 1.57 0.00	42.65 1.28 0.00	41.75 0.62 0.00	39.34 0.89 0.00	36.82 0.68 0.00	36.72 0.97 0.00	36.32 1.33 0.00	40.06 1.80 0.00	46.32 1.83 0.00	55.46 3.19 0.00	69.46 3.12 0.00	76.60 4.47 0.00	67.14 3.92 0.00	54.75 2.26 0.00	47.73 2.10 0.00	44.03 1.61 0.00
GLOBE___DSASP 323697	36.13 -1.90 0.00	35.12 -1.77 0.00	33.77 -1.48 0.00	33.56 -1.58 0.00	34.89 -1.53 0.00	41.88 -1.84 0.00	57.93 -5.17 0.00	70.44 -7.83 0.00	56.66 -6.09 0.00	37.81 -3.56 0.00	37.89 -3.25 0.00	35.22 -3.23 0.00	33.06 -3.07 0.00	32.82 -2.93 0.00	31.95 -3.04 0.00	34.93 -3.33 0.00	40.49 -4.00 0.00	47.26 -5.02 0.00	60.57 -5.77 0.00	64.84 -7.28 0.00	56.27 -6.95 0.00	47.35 -5.14 0.00	41.53 -4.11 0.00	39.49 -2.93 0.00
GOETHSLN___LBMP 323567	39.17 1.14 0.00	37.85 0.96 0.00	36.02 0.78 0.00	35.92 0.77 0.00	36.97 0.55 0.00	44.54 0.83 0.00	64.43 1.33 0.00	80.31 2.04 0.00	64.38 1.63 0.00	42.89 1.53 0.00	42.37 1.23 0.00	39.65 1.19 0.00	37.44 1.30 0.00	37.04 1.29 0.00	36.36 1.36 0.00	39.45 1.19 0.00	46.23 1.74 0.00	54.31 2.04 0.00	68.47 2.12 0.00	74.87 2.74 0.00	65.56 2.34 0.00	54.44 1.94 0.00	47.32 1.69 0.00	43.77 1.36 0.00
GOLAH___69_KV_TB 1_2 80279	37.38 -0.65 0.00	36.30 -0.59 0.00	34.90 -0.35 0.00	34.72 -0.42 0.00	36.09 -0.33 0.00	43.36 -0.35 0.00	61.09 -2.02 0.00	75.22 -3.05 0.00	60.17 -2.57 0.00	39.71 -1.65 0.00	39.61 -1.52 0.00	36.88 -1.58 0.00	34.62 -1.52 0.00	34.32 -1.43 0.00	33.49 -1.50 0.00	36.66 -1.61 0.00	42.36 -2.14 0.00	49.92 -2.35 0.00	63.96 -2.39 0.00	69.17 -2.96 0.00	60.31 -2.91 0.00	50.34 -2.15 0.00	43.81 -1.83 0.00	41.23 -1.19 0.00

GOODYEAR_LAKE_HYD 323669	39.40 1.37 0.00	38.15 1.25 0.00	36.41 1.16 0.00	36.30 1.16 0.00	37.62 1.20 0.00	45.24 1.53 0.00	65.44 2.34 0.00	81.56 3.29 0.00	65.13 2.38 0.00	42.73 1.37 0.00	42.33 1.19 0.00	39.53 1.08 0.00	37.15 1.01 0.00	36.79 1.04 0.00	36.04 1.05 0.00	39.45 1.19 0.00	46.06 1.56 0.00	54.31 2.04 0.00	69.07 2.72 0.00	75.16 3.03 0.00	65.63 2.40 0.00	54.54 2.05 0.00	47.28 1.64 0.00	43.90 1.48 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.07 0.04 0.00	36.93 0.04 0.00	35.35 0.11 0.00	35.21 0.07 0.00	36.53 0.11 0.00	43.84 0.13 0.00	62.86 -0.25 0.00	77.64 -0.63 0.00	62.18 -0.56 0.00	41.07 -0.29 0.00	40.81 -0.33 0.00	38.07 -0.38 0.00	35.74 -0.40 0.00	35.40 -0.36 0.00	34.61 -0.38 0.00	37.84 -0.42 0.00	44.01 -0.49 0.00	51.70 -0.58 0.00	65.95 -0.40 0.00	71.48 -0.65 0.00	62.46 -0.76 0.00	51.97 -0.52 0.00	45.13 -0.50 0.00	42.25 -0.17 0.00
GOUDEY___7 23579	38.07 0.04 0.00	36.93 0.04 0.00	35.35 0.11 0.00	35.21 0.07 0.00	36.53 0.11 0.00	43.84 0.13 0.00	62.86 -0.25 0.00	77.64 -0.63 0.00	62.18 -0.56 0.00	41.07 -0.29 0.00	40.81 -0.33 0.00	38.07 -0.38 0.00	35.74 -0.40 0.00	35.40 -0.36 0.00	34.61 -0.38 0.00	37.84 -0.42 0.00	44.01 -0.49 0.00	51.70 -0.58 0.00	65.95 -0.40 0.00	71.48 -0.65 0.00	62.46 -0.76 0.00	51.97 -0.52 0.00	45.13 -0.50 0.00	42.25 -0.17 0.00
GOUDEY___8 23580	38.07 0.04 0.00	36.93 0.04 0.00	35.35 0.11 0.00	35.21 0.07 0.00	36.53 0.11 0.00	43.84 0.13 0.00	62.86 -0.25 0.00	77.64 -0.63 0.00	62.18 -0.56 0.00	41.07 -0.29 0.00	40.81 -0.33 0.00	38.07 -0.38 0.00	35.74 -0.40 0.00	35.40 -0.36 0.00	34.61 -0.38 0.00	37.84 -0.42 0.00	44.01 -0.49 0.00	51.70 -0.58 0.00	65.95 -0.40 0.00	71.48 -0.65 0.00	62.46 -0.76 0.00	51.97 -0.52 0.00	45.13 -0.50 0.00	42.25 -0.17 0.00
GOWANUS_GT1_1 24077	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
GOWANUS_GT1_2 24078	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
GOWANUS_GT1_3 24079	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
GOWANUS_GT1_4 24080	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
GOWANUS_GT1_5 24084	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
GOWANUS_GT1_6 24111	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
GOWANUS_GT1_7 24112	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
GOWANUS_GT1_8 24113	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
GOWANUS_GT2_1 24114	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
GOWANUS_GT2_2 24115	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
GOWANUS_GT2_3 24116	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06

GOWANUS_GT2_4 24117	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
GOWANUS_GT2_5 24118	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
GOWANUS_GT2_6 24119	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
GOWANUS_GT2_7 24120	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
GOWANUS_GT2_8 24121	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
GOWANUS_GT3_1 24122	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
GOWANUS_GT3_2 24123	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
GOWANUS_GT3_3 24124	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
GOWANUS_GT3_4 24125	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
GOWANUS_GT3_5 24126	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
GOWANUS_GT3_6 24127	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
GOWANUS_GT3_7 24128	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
GOWANUS_GT3_8 24129	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
GOWANUS_GT4_1 24130	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
GOWANUS_GT4_2 24131	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05

GOWANUS_GT4_3 24132	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
GOWANUS_GT4_4 24133	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
GOWANUS_GT4_5 24134	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
GOWANUS_GT4_6 24135	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
GOWANUS_GT4_7 24136	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
GOWANUS_GT4_8 24137	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
GREENBSH_115KV_TB3 55895	39.17 1.14 0.00	37.93 1.03 0.00	36.17 0.92 0.00	36.06 0.91 0.00	37.29 0.87 0.00	44.81 1.09 0.00	64.81 1.70 0.00	80.46 2.19 0.00	64.56 1.82 0.00	42.48 1.12 0.00	42.12 0.99 0.00	39.45 1.00 0.00	37.08 0.94 0.00	36.65 0.89 0.00	35.66 0.66 0.00	38.60 0.73 0.39	44.92 0.93 0.51	52.81 1.20 0.66	66.88 1.46 0.93	72.90 1.73 0.96	64.08 1.64 0.79	53.19 1.36 0.67	46.28 1.19 0.54	43.52 1.10 0.00
GREENIDGE_115KV_TB5 80291	38.03 0.00 0.00	36.89 0.00 0.00	35.46 0.21 0.00	35.28 0.14 0.00	36.64 0.22 0.00	44.11 0.39 0.00	62.41 -0.69 0.00	76.78 -1.49 0.00	61.55 -1.19 0.00	40.83 -0.54 0.00	40.56 -0.58 0.00	37.80 -0.65 0.00	35.45 -0.69 0.00	35.11 -0.64 0.00	34.26 -0.73 0.00	37.50 -0.77 0.00	43.65 -0.85 0.00	51.39 -0.89 0.00	65.42 -0.93 0.00	70.83 -1.30 0.00	61.77 -1.45 0.00	51.71 -0.79 0.00	44.86 -0.78 0.00	42.04 -0.38 0.00
GREENIDGE___3 23582	38.03 0.00 0.00	36.89 0.00 0.00	35.46 0.21 0.00	35.28 0.14 0.00	36.64 0.22 0.00	44.11 0.39 0.00	62.41 -0.69 0.00	76.78 -1.49 0.00	61.55 -1.19 0.00	40.83 -0.54 0.00	40.56 -0.58 0.00	37.80 -0.65 0.00	35.45 -0.69 0.00	35.11 -0.64 0.00	34.26 -0.73 0.00	37.50 -0.77 0.00	43.65 -0.85 0.00	51.39 -0.89 0.00	65.42 -0.93 0.00	70.83 -1.30 0.00	61.77 -1.45 0.00	51.71 -0.79 0.00	44.86 -0.78 0.00	42.04 -0.38 0.00
GREENIDGE___4 23583	38.03 0.00 0.00	36.86 -0.04 0.00	35.43 0.18 0.00	35.29 0.14 0.00	36.64 0.22 0.00	44.10 0.39 0.00	62.42 -0.69 0.00	76.62 -1.65 0.00	61.62 -1.13 0.00	40.83 -0.54 0.00	40.48 -0.66 0.00	37.80 -0.65 0.00	35.41 -0.72 0.00	35.11 -0.64 0.00	34.26 -0.74 0.00	37.50 -0.76 0.00	43.65 -0.85 0.00	51.44 -0.84 0.00	65.42 -0.93 0.00	70.76 -1.37 0.00	61.77 -1.45 0.00	51.76 -0.73 0.00	44.86 -0.78 0.00	42.03 -0.38 0.00
GREENLWN_69_KV_BK 3 55738	39.36 1.33 0.00	37.96 1.07 0.00	36.13 0.88 0.00	35.92 0.77 0.00	37.11 0.69 0.00	44.72 1.01 0.00	64.24 1.14 0.00	80.38 2.11 0.00	64.31 1.57 0.00	43.31 1.94 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.44 1.30 0.00	37.01 1.25 0.00	36.36 1.36 0.00	39.75 1.49 0.00	46.41 1.91 0.00	54.63 2.35 0.00	68.53 2.19 0.00	75.37 3.25 0.00	66.00 2.78 0.00	54.70 2.20 0.00	47.96 2.33 0.00	44.03 1.61 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05
GRISSOM___SOLAR 323813	40.39 2.36 0.00	39.15 2.25 0.00	37.29 2.04 0.00	37.25 2.11 0.00	38.61 2.19 0.00	46.47 2.76 0.00	67.34 4.23 0.00	84.22 5.95 0.00	66.45 3.70 0.00	43.06 1.70 0.00	42.53 1.40 0.00	39.76 1.31 0.00	37.54 1.41 0.00	37.19 1.43 0.00	36.46 1.47 0.00	40.14 1.87 0.00	46.99 2.49 0.00	55.67 3.40 0.00	70.99 4.64 0.00	77.68 5.55 0.00	67.84 4.61 0.00	56.32 3.83 0.00	48.88 3.24 0.00	45.30 2.89 0.00
GROVEVILLE___HYD 323602	39.62 1.60 0.00	38.30 1.40 0.00	36.48 1.23 0.00	36.30 1.16 0.00	37.48 1.06 0.00	45.20 1.49 0.00	65.63 2.52 0.00	81.79 3.52 0.00	65.57 2.82 0.00	43.23 1.86 0.00	42.66 1.52 0.00	39.84 1.38 0.00	37.26 1.12 0.00	36.76 1.00 0.00	35.97 0.98 0.00	39.22 0.96 0.00	45.97 1.47 0.00	54.21 1.93 0.00	68.53 2.19 0.00	74.94 2.81 0.00	66.13 2.91 0.00	55.01 2.52 0.00	47.73 2.10 0.00	44.16 1.74 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.53 -0.49 0.00	36.41 -0.48 0.00	34.90 -0.35 0.00	34.76 -0.39 0.00	36.02 -0.40 0.00	43.19 -0.52 0.00	62.10 -1.01 0.00	77.02 -1.25 0.00	61.68 -1.07 0.00	40.70 -0.66 0.00	40.60 -0.53 0.00	37.92 -0.54 0.00	35.59 -0.54 0.00	35.25 -0.50 0.00	34.47 -0.52 0.00	37.69 -0.57 0.00	43.65 -0.85 0.00	51.23 -1.05 0.00	65.28 -1.06 0.00	70.83 -1.30 0.00	61.96 -1.26 0.00	51.44 -1.05 0.00	44.68 -0.96 0.00	41.65 -0.76 0.00

HAMLTNNY_34_KV_TB 80303	37.61 -0.42 0.00	36.49 -0.41 0.00	35.00 -0.25 0.00	34.83 -0.32 0.00	36.13 -0.29 0.00	43.36 -0.35 0.00	62.22 -0.88 0.00	77.17 -1.10 0.00	61.80 -0.94 0.00	40.79 -0.58 0.00	40.64 -0.49 0.00	37.96 -0.50 0.00	35.63 -0.51 0.00	35.29 -0.46 0.00	34.50 -0.49 0.00	37.73 -0.54 0.00	43.74 -0.76 0.00	51.28 -0.99 0.00	65.42 -0.93 0.00	70.97 -1.15 0.00	62.08 -1.14 0.00	51.55 -0.94 0.00	44.77 -0.87 0.00	41.74 -0.68 0.00
HAMPSHIRE___PAPER_HYD 323593	37.76 -0.26 0.00	36.71 -0.18 0.00	35.04 -0.21 0.00	35.18 0.04 0.00	36.64 0.22 0.00	44.02 0.31 0.00	63.87 0.76 0.00	79.29 1.01 0.00	63.62 0.88 0.00	41.41 0.04 0.00	41.05 -0.08 0.00	38.38 -0.08 0.00	35.99 -0.14 0.00	35.65 -0.11 0.00	34.85 -0.14 0.00	38.22 -0.04 0.00	44.50 0.00 0.00	52.59 0.32 0.00	67.21 0.86 0.00	73.00 0.87 0.00	63.98 0.76 0.00	52.97 0.47 0.00	45.63 0.00 0.00	42.25 -0.17 0.00
HARDSCRABBLE_WT_PWR 323673	37.30 -0.72 0.00	36.27 -0.63 0.00	34.72 -0.53 0.00	34.76 -0.39 0.00	36.06 -0.36 0.00	43.36 -0.35 0.00	62.86 -0.25 0.00	78.35 0.08 0.00	62.81 0.06 0.00	41.36 0.00 0.00	41.05 -0.08 0.00	38.42 -0.04 0.00	36.10 -0.04 0.00	35.72 -0.04 0.00	34.92 -0.07 0.00	38.19 -0.08 0.00	44.41 -0.09 0.00	52.12 -0.16 0.00	65.88 -0.46 0.00	71.41 -0.72 0.00	62.34 -0.89 0.00	51.55 -0.94 0.00	44.72 -0.91 0.00	41.48 -0.93 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.05 1.03 0.00	37.74 0.85 0.00	35.95 0.70 0.00	35.81 0.67 0.00	36.97 0.55 0.00	44.54 0.83 0.00	64.56 1.45 0.00	80.38 2.11 0.00	64.44 1.69 0.00	42.69 1.32 0.00	42.16 1.03 0.00	39.42 0.96 0.00	37.08 0.94 0.00	36.61 0.86 0.00	35.94 0.94 0.00	39.18 0.92 0.00	45.88 1.38 0.00	54.00 1.73 0.00	68.47 2.12 0.00	74.80 2.67 0.00	65.56 2.34 0.00	54.38 1.89 0.00	47.23 1.60 0.00	43.69 1.27 0.00
HARSNRAD_115KV_TB1 81005	36.70 -1.33 0.00	35.68 -1.22 0.00	34.30 -0.95 0.00	34.09 -1.05 0.00	35.44 -0.98 0.00	42.58 -1.14 0.00	59.07 -4.04 0.00	71.93 -6.34 0.00	57.79 -4.96 0.00	38.51 -2.85 0.00	38.50 -2.63 0.00	35.76 -2.69 0.00	33.57 -2.57 0.00	33.32 -2.43 0.00	32.44 -2.55 0.00	35.51 -2.75 0.00	41.16 -3.34 0.00	48.09 -4.18 0.00	61.70 -4.64 0.00	66.14 -5.99 0.00	57.47 -5.75 0.00	48.30 -4.20 0.00	42.26 -3.38 0.00	40.13 -2.29 0.00
HARZA MOOSE___RIVER 24016	38.41 0.38 0.00	37.23 0.33 0.00	35.57 0.32 0.00	35.74 0.60 0.00	37.08 0.66 0.00	44.54 0.83 0.00	64.50 1.39 0.00	80.46 2.19 0.00	64.38 1.63 0.00	42.07 0.70 0.00	41.71 0.58 0.00	38.95 0.50 0.00	36.53 0.40 0.00	36.18 0.43 0.00	35.41 0.42 0.00	38.80 0.54 0.00	45.21 0.71 0.00	53.37 1.10 0.00	68.14 1.79 0.00	74.15 2.02 0.00	64.80 1.58 0.00	53.65 1.15 0.00	46.18 0.55 0.00	42.80 0.38 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.27 -0.76 0.00	36.16 -0.74 0.00	34.65 -0.60 0.00	34.51 -0.63 0.00	35.73 -0.69 0.00	42.88 -0.83 0.00	61.59 -1.51 0.00	76.39 -1.88 0.00	61.18 -1.57 0.00	40.41 -0.95 0.00	40.31 -0.82 0.00	37.69 -0.77 0.00	35.38 -0.76 0.00	35.04 -0.72 0.00	34.26 -0.73 0.00	37.46 -0.80 0.00	43.39 -1.11 0.00	50.81 -1.46 0.00	64.75 -1.59 0.00	70.25 -1.88 0.00	61.45 -1.77 0.00	51.02 -1.47 0.00	44.36 -1.28 0.00	41.36 -1.06 0.00
HELLGATE_13_KV_LD 55870	39.67 1.64 -0.01	38.38 1.48 -0.01	36.49 1.23 -0.01	36.35 1.19 -0.01	37.48 1.06 -0.01	44.94 1.22 0.00	64.88 1.77 0.00	80.93 2.66 0.00	64.75 2.01 0.00	43.31 1.94 0.00	42.78 1.65 0.00	40.03 1.58 0.00	37.76 1.63 0.00	37.33 1.57 0.00	36.64 1.64 0.00	39.83 1.57 0.00	46.63 2.14 0.00	54.73 2.46 0.00	68.87 2.52 0.00	75.37 3.25 0.00	65.94 2.72 0.00	54.80 2.31 0.00	47.73 2.10 0.00	44.28 1.87 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.67 1.64 -0.01	38.38 1.48 -0.01	36.49 1.23 -0.01	36.35 1.19 -0.01	37.48 1.06 -0.01	44.94 1.22 0.00	64.88 1.77 0.00	80.93 2.66 0.00	64.75 2.01 0.00	43.31 1.94 0.00	42.78 1.65 0.00	40.03 1.58 0.00	37.76 1.63 0.00	37.33 1.57 0.00	36.64 1.64 0.00	39.83 1.57 0.00	46.63 2.14 0.00	54.73 2.46 0.00	68.87 2.52 0.00	75.37 3.25 0.00	65.94 2.72 0.00	54.80 2.31 0.00	47.73 2.10 0.00	44.28 1.87 0.00
HEMPSTEAD___ 23647	39.47 1.44 0.00	38.15 1.26 0.00	36.23 0.99 0.00	36.02 0.88 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.87 1.76 0.00	81.01 2.74 0.00	64.94 2.19 0.00	43.27 1.90 0.00	42.78 1.65 0.00	39.99 1.54 0.00	37.47 1.34 0.00	37.08 1.32 0.00	36.43 1.44 0.00	39.75 1.49 0.00	46.45 1.96 0.00	54.89 2.61 0.00	69.20 2.85 0.00	76.09 3.96 0.00	66.51 3.29 0.00	55.07 2.57 0.00	48.14 2.51 0.00	44.20 1.78 0.00
HEWLETT_69_KV_BK3 55828	39.78 1.75 0.00	38.37 1.48 0.00	36.52 1.27 0.00	36.30 1.16 0.00	37.51 1.09 0.00	45.20 1.49 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.38 2.64 0.00	43.64 2.28 0.00	43.03 1.89 0.00	40.22 1.77 0.00	37.76 1.63 0.00	37.33 1.57 0.00	36.67 1.68 0.00	40.02 1.76 0.00	46.81 2.31 0.00	55.25 2.98 0.00	69.60 3.25 0.00	76.53 4.40 0.00	66.95 3.73 0.00	55.43 2.94 0.00	48.37 2.74 0.00	44.50 2.08 0.00
HICKLING___1 23621	38.10 0.08 0.00	36.97 0.07 0.00	35.50 0.25 0.00	35.32 0.18 0.00	36.71 0.29 0.00	44.11 0.39 0.00	62.73 -0.38 0.00	77.02 -1.25 0.00	61.62 -1.13 0.00	40.70 -0.66 0.00	40.39 -0.74 0.00	37.65 -0.81 0.00	35.30 -0.83 0.00	34.97 -0.79 0.00	34.12 -0.87 0.00	37.31 -0.96 0.00	43.43 -1.07 0.00	51.07 -1.20 0.00	65.42 -0.93 0.00	70.76 -1.37 0.00	61.64 -1.58 0.00	51.39 -1.10 0.00	44.63 -1.00 0.00	41.99 -0.42 0.00
HICKLING___2 23622	38.10 0.08 0.00	36.97 0.07 0.00	35.50 0.25 0.00	35.32 0.18 0.00	36.71 0.29 0.00	44.11 0.39 0.00	62.73 -0.38 0.00	77.02 -1.25 0.00	61.62 -1.13 0.00	40.70 -0.66 0.00	40.39 -0.74 0.00	37.65 -0.81 0.00	35.30 -0.83 0.00	34.97 -0.79 0.00	34.12 -0.87 0.00	37.31 -0.96 0.00	43.43 -1.07 0.00	51.07 -1.20 0.00	65.42 -0.93 0.00	70.76 -1.37 0.00	61.64 -1.58 0.00	51.39 -1.10 0.00	44.63 -1.00 0.00	41.99 -0.42 0.00
HIGH FALLS___HY 23754	39.28 1.25 0.00	38.00 1.11 0.00	36.17 0.92 0.00	36.02 0.88 0.00	37.18 0.76 0.00	44.85 1.14 0.00	65.13 2.02 0.00	81.17 2.90 0.00	64.88 2.13 0.00	42.85 1.49 0.00	42.25 1.11 0.00	39.45 1.00 0.00	37.04 0.90 0.00	36.61 0.86 0.00	35.97 0.98 0.00	37.93 1.03 1.37	44.27 1.56 1.78	52.06 2.09 2.30	65.71 2.59 3.23	72.12 3.32 3.33	63.51 3.03 2.74	52.64 2.47 2.33	45.77 2.01 1.87	44.03 1.61 0.00
HIGH_RIVER___SOLAR 323847	39.47 1.44 0.00	38.30 1.40 0.00	36.52 1.27 0.00	36.41 1.26 0.00	37.73 1.31 0.00	45.37 1.66 0.00	65.64 2.53 0.00	81.71 3.44 0.00	64.69 1.95 0.00	42.15 0.78 0.00	41.63 0.50 0.00	38.88 0.42 0.00	36.79 0.65 0.00	36.43 0.68 0.00	35.73 0.74 0.00	39.26 0.99 0.00	46.01 1.51 0.00	54.37 2.09 0.00	69.13 2.79 0.00	75.52 3.39 0.00	66.07 2.85 0.00	54.86 2.36 0.00	47.64 2.01 0.00	44.24 1.82 0.00

HILLBURN___GT 23639	38.94 0.91 0.00	37.70 0.81 0.00	35.88 0.64 0.00	35.70 0.56 0.00	36.89 0.47 0.00	44.37 0.66 0.00	64.37 1.26 0.00	80.15 1.88 0.00	64.25 1.50 0.00	42.60 1.24 0.00	42.12 0.99 0.00	39.38 0.92 0.00	37.04 0.90 0.00	36.61 0.86 0.00	35.90 0.91 0.00	39.14 0.88 0.00	45.79 1.29 0.00	53.90 1.62 0.00	68.20 1.86 0.00	74.58 2.45 0.00	65.31 2.08 0.00	54.22 1.73 0.00	47.19 1.55 0.00	43.60 1.19 0.00
HILLSIDE_115KV_TB1 80332	37.61 -0.42 0.00	36.49 -0.41 0.00	35.00 -0.25 0.00	34.83 -0.32 0.00	36.17 -0.25 0.00	43.45 -0.26 0.00	61.85 -1.26 0.00	75.84 -2.43 0.00	60.74 -2.01 0.00	40.21 -1.16 0.00	39.94 -1.19 0.00	37.22 -1.23 0.00	34.94 -1.19 0.00	34.61 -1.14 0.00	33.77 -1.22 0.00	36.89 -1.38 0.00	42.94 -1.56 0.00	50.44 -1.83 0.00	64.49 -1.86 0.00	69.75 -2.38 0.00	60.82 -2.40 0.00	50.71 -1.78 0.00	44.13 -1.51 0.00	41.53 -0.89 0.00
HISHELDN_WT_PWR 323625	37.04 -0.99 0.00	35.90 -0.99 0.00	34.62 -0.63 0.00	34.40 -0.74 0.00	35.77 -0.65 0.00	42.93 -0.79 0.00	60.08 -3.03 0.00	73.03 -5.24 0.00	58.67 -4.08 0.00	38.88 -2.48 0.00	38.67 -2.47 0.00	36.11 -2.35 0.00	33.86 -2.28 0.00	33.54 -2.22 0.00	32.61 -2.38 0.00	35.70 -2.56 0.00	41.52 -2.98 0.00	48.67 -3.61 0.00	62.37 -3.98 0.00	66.93 -5.19 0.00	58.42 -4.81 0.00	48.98 -3.52 0.00	42.81 -2.83 0.00	40.51 -1.91 0.00
HOLTSVILLE_IC_1 23690	39.55 1.52 0.00	38.26 1.37 0.00	36.23 0.99 0.00	35.99 0.84 0.00	37.22 0.80 0.00	44.72 1.01 0.00	64.87 1.76 0.00	81.08 2.81 0.00	64.69 1.95 0.00	43.06 1.70 0.00	42.57 1.44 0.00	39.84 1.38 0.00	37.22 1.08 0.00	36.83 1.07 0.00	36.25 1.26 0.00	39.75 1.49 0.00	46.28 1.78 0.00	54.94 2.66 0.00	69.20 2.85 0.00	76.24 4.11 0.00	66.89 3.67 0.00	55.01 2.52 0.00	48.10 2.46 0.00	44.07 1.65 0.00
HOLTSVILLE_IC_10 23699	39.70 1.67 0.00	38.41 1.51 0.00	36.34 1.09 0.00	36.09 0.95 0.00	37.37 0.95 0.00	44.89 1.18 0.00	65.13 2.02 0.00	81.48 3.21 0.00	64.94 2.19 0.00	43.23 1.86 0.00	42.70 1.56 0.00	39.99 1.54 0.00	37.29 1.16 0.00	36.90 1.14 0.00	36.32 1.33 0.00	39.87 1.61 0.00	46.41 1.91 0.00	55.20 2.93 0.00	69.53 3.18 0.00	76.68 4.55 0.00	67.21 3.99 0.00	55.28 2.78 0.00	48.33 2.69 0.00	44.24 1.82 0.00
HOLTSVILLE_IC_2 23691	39.55 1.52 0.00	38.26 1.37 0.00	36.23 0.99 0.00	35.99 0.84 0.00	37.22 0.80 0.00	44.72 1.01 0.00	64.87 1.76 0.00	81.08 2.81 0.00	64.69 1.95 0.00	43.06 1.70 0.00	42.57 1.44 0.00	39.84 1.38 0.00	37.22 1.08 0.00	36.83 1.07 0.00	36.25 1.26 0.00	39.75 1.49 0.00	46.28 1.78 0.00	54.94 2.66 0.00	69.20 2.85 0.00	76.24 4.11 0.00	66.89 3.67 0.00	55.01 2.52 0.00	48.10 2.46 0.00	44.07 1.65 0.00
HOLTSVILLE_IC_3 23692	39.55 1.52 0.00	38.26 1.37 0.00	36.23 0.99 0.00	35.99 0.84 0.00	37.22 0.80 0.00	44.72 1.01 0.00	64.87 1.76 0.00	81.08 2.81 0.00	64.69 1.95 0.00	43.06 1.70 0.00	42.57 1.44 0.00	39.84 1.38 0.00	37.22 1.08 0.00	36.83 1.07 0.00	36.25 1.26 0.00	39.75 1.49 0.00	46.28 1.78 0.00	54.94 2.66 0.00	69.20 2.85 0.00	76.24 4.11 0.00	66.89 3.67 0.00	55.01 2.52 0.00	48.10 2.46 0.00	44.07 1.65 0.00
HOLTSVILLE_IC_4 23693	39.55 1.52 0.00	38.26 1.37 0.00	36.23 0.99 0.00	35.99 0.84 0.00	37.22 0.80 0.00	44.72 1.01 0.00	64.87 1.76 0.00	81.08 2.81 0.00	64.69 1.95 0.00	43.06 1.70 0.00	42.57 1.44 0.00	39.84 1.38 0.00	37.22 1.08 0.00	36.83 1.07 0.00	36.25 1.26 0.00	39.75 1.49 0.00	46.28 1.78 0.00	54.94 2.66 0.00	69.20 2.85 0.00	76.24 4.11 0.00	66.89 3.67 0.00	55.01 2.52 0.00	48.10 2.46 0.00	44.07 1.65 0.00
HOLTSVILLE_IC_5 23694	39.55 1.52 0.00	38.26 1.37 0.00	36.23 0.99 0.00	35.99 0.84 0.00	37.22 0.80 0.00	44.72 1.01 0.00	64.87 1.76 0.00	81.08 2.81 0.00	64.69 1.95 0.00	43.06 1.70 0.00	42.57 1.44 0.00	39.84 1.38 0.00	37.22 1.08 0.00	36.83 1.07 0.00	36.25 1.26 0.00	39.75 1.49 0.00	46.28 1.78 0.00	54.94 2.66 0.00	69.20 2.85 0.00	76.24 4.11 0.00	66.89 3.67 0.00	55.01 2.52 0.00	48.10 2.46 0.00	44.07 1.65 0.00
HOLTSVILLE_IC_6 23695	39.70 1.67 0.00	38.41 1.51 0.00	36.34 1.09 0.00	36.09 0.95 0.00	37.37 0.95 0.00	44.89 1.18 0.00	65.13 2.02 0.00	81.48 3.21 0.00	64.94 2.19 0.00	43.23 1.86 0.00	42.70 1.56 0.00	39.99 1.54 0.00	37.29 1.16 0.00	36.90 1.14 0.00	36.32 1.33 0.00	39.87 1.61 0.00	46.41 1.91 0.00	55.20 2.93 0.00	69.53 3.18 0.00	76.68 4.55 0.00	67.21 3.99 0.00	55.28 2.78 0.00	48.33 2.69 0.00	44.24 1.82 0.00
HOLTSVILLE_IC_7 23696	39.70 1.67 0.00	38.41 1.51 0.00	36.34 1.09 0.00	36.09 0.95 0.00	37.37 0.95 0.00	44.89 1.18 0.00	65.13 2.02 0.00	81.48 3.21 0.00	64.94 2.19 0.00	43.23 1.86 0.00	42.70 1.56 0.00	39.99 1.54 0.00	37.29 1.16 0.00	36.90 1.14 0.00	36.32 1.33 0.00	39.87 1.61 0.00	46.41 1.91 0.00	55.20 2.93 0.00	69.53 3.18 0.00	76.68 4.55 0.00	67.21 3.99 0.00	55.28 2.78 0.00	48.33 2.69 0.00	44.24 1.82 0.00
HOLTSVILLE_IC_8 23697	39.70 1.67 0.00	38.41 1.51 0.00	36.34 1.09 0.00	36.09 0.95 0.00	37.37 0.95 0.00	44.89 1.18 0.00	65.13 2.02 0.00	81.48 3.21 0.00	64.94 2.19 0.00	43.23 1.86 0.00	42.70 1.56 0.00	39.99 1.54 0.00	37.29 1.16 0.00	36.90 1.14 0.00	36.32 1.33 0.00	39.87 1.61 0.00	46.41 1.91 0.00	55.20 2.93 0.00	69.53 3.18 0.00	76.68 4.55 0.00	67.21 3.99 0.00	55.28 2.78 0.00	48.33 2.69 0.00	44.24 1.82 0.00
HOLTSVILLE_IC_9 23698	39.70 1.67 0.00	38.41 1.51 0.00	36.34 1.09 0.00	36.09 0.95 0.00	37.37 0.95 0.00	44.89 1.18 0.00	65.13 2.02 0.00	81.48 3.21 0.00	64.94 2.19 0.00	43.23 1.86 0.00	42.70 1.56 0.00	39.99 1.54 0.00	37.29 1.16 0.00	36.90 1.14 0.00	36.32 1.33 0.00	39.87 1.61 0.00	46.41 1.91 0.00	55.20 2.93 0.00	69.53 3.18 0.00	76.68 4.55 0.00	67.21 3.99 0.00	55.28 2.78 0.00	48.33 2.69 0.00	44.24 1.82 0.00
HOMER_HL_115KV_TB2 355744	37.88 -0.15 0.00	36.71 -0.18 0.00	35.32 0.07 0.00	35.07 -0.07 0.00	36.49 0.07 0.00	43.84 0.13 0.00	61.91 -1.20 0.00	75.06 -3.21 0.00	60.11 -2.64 0.00	40.04 -1.32 0.00	39.78 -1.36 0.00	36.99 -1.46 0.00	34.69 -1.45 0.00	34.43 -1.32 0.00	33.45 -1.54 0.00	36.50 -1.76 0.00	42.45 -2.05 0.00	49.87 -2.40 0.00	64.02 -2.32 0.00	68.95 -3.17 0.00	59.94 -3.29 0.00	50.19 -2.31 0.00	43.81 -1.83 0.00	41.65 -0.76 0.00
HOWARD_WT_PWR 323690	38.07 0.04 0.00	36.82 -0.07 0.00	35.60 0.35 0.00	35.39 0.25 0.00	36.86 0.44 0.00	44.28 0.57 0.00	62.48 -0.63 0.00	76.62 -1.65 0.00	61.42 -1.32 0.00	40.54 -0.83 0.00	40.15 -0.99 0.00	37.50 -0.96 0.00	35.12 -1.01 0.00	34.75 -1.00 0.00	33.84 -1.15 0.00	37.04 -1.23 0.00	43.21 -1.29 0.00	50.87 -1.41 0.00	65.22 -1.13 0.00	70.33 -1.80 0.00	61.39 -1.84 0.00	51.18 -1.31 0.00	44.50 -1.14 0.00	41.82 -0.59 0.00

HQ_GEN_CEDARS 23644	38.41 0.38 0.00	37.41 0.52 0.00	35.67 0.42 0.00	35.67 0.53 0.00	37.18 0.76 0.00	44.59 0.87 0.00	64.69 1.58 0.00	79.91 1.64 0.00	64.31 1.57 0.00	41.98 0.62 0.00	41.75 0.62 0.00	38.99 0.54 0.00	36.64 0.51 0.00	36.29 0.54 0.00	35.48 0.49 0.00	38.87 0.61 0.00	45.25 0.76 0.00	53.32 1.05 0.00	67.80 1.46 0.00	73.35 1.23 0.00	64.55 1.33 0.00	53.54 1.05 0.00	46.46 0.82 0.00	43.05 0.64 0.00
HQ_GEN_CEDARS_PROXY 323590	38.41 0.38 0.00	37.41 0.52 0.00	35.71 0.46 0.00	35.67 0.53 0.00	37.19 0.77 0.00	44.59 0.87 0.00	65.71 1.58 -1.03	78.89 1.65 1.03	61.94 1.57 2.38	44.36 0.62 -2.38	41.75 0.62 0.00	38.99 0.54 0.00	36.64 0.51 0.00	36.29 0.54 0.00	35.52 0.53 0.00	38.87 0.61 0.00	45.25 0.76 0.00	53.32 1.05 0.00	67.80 1.46 0.00	73.35 1.22 0.00	64.55 1.33 0.00	53.54 1.05 0.00	46.46 0.82 0.00	43.05 0.64 0.00
HQ_GEN_IMPORT 323601	38.14 0.11 0.00	37.08 0.19 0.00	35.43 0.18 0.00	35.36 0.21 0.00	36.71 0.29 0.00	44.06 0.35 0.00	64.77 0.63 -1.03	77.95 0.70 1.03	61.06 0.69 2.38	44.03 0.29 -2.38	41.42 0.29 0.00	38.73 0.27 0.00	36.39 0.25 0.00	36.01 0.25 0.00	35.24 0.25 0.00	38.57 0.30 0.00	44.85 0.35 0.00	52.74 0.47 0.00	66.94 0.60 0.00	72.64 0.51 0.00	63.79 0.57 0.00	52.91 0.42 0.00	45.96 0.32 0.00	42.67 0.26 0.00
HQ_GEN_WHEEL 23651	38.14 0.11 0.00	37.08 0.19 0.00	35.43 0.18 0.00	35.36 0.21 0.00	36.71 0.29 0.00	44.06 0.35 0.00	64.77 0.63 -1.03	77.95 0.70 1.03	61.06 0.69 2.38	44.03 0.29 -2.38	41.42 0.29 0.00	38.73 0.27 0.00	36.39 0.25 0.00	36.01 0.25 0.00	35.24 0.25 0.00	38.57 0.30 0.00	44.85 0.35 0.00	52.74 0.47 0.00	66.94 0.60 0.00	72.64 0.51 0.00	63.79 0.57 0.00	52.91 0.42 0.00	45.96 0.32 0.00	42.67 0.26 0.00
HUDSON AVE_GT_3 23810	39.43 1.41 0.00	38.15 1.25 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	81.01 2.74 0.00	64.88 2.13 0.00	43.23 1.86 0.00	42.70 1.56 0.00	39.95 1.50 0.00	37.69 1.55 0.00	37.26 1.50 0.00	36.57 1.57 0.00	39.75 1.49 0.00	46.55 2.05 0.00	54.73 2.46 0.00	69.00 2.65 0.00	75.52 3.39 0.00	66.07 2.85 0.00	54.86 2.36 0.00	47.69 2.05 0.00	44.07 1.65 0.00
HUDSON AVE_GT_4 23540	39.43 1.41 0.00	38.15 1.25 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	81.01 2.74 0.00	64.88 2.13 0.00	43.23 1.86 0.00	42.70 1.56 0.00	39.95 1.50 0.00	37.69 1.55 0.00	37.26 1.50 0.00	36.57 1.57 0.00	39.75 1.49 0.00	46.55 2.05 0.00	54.73 2.46 0.00	69.00 2.65 0.00	75.52 3.39 0.00	66.07 2.85 0.00	54.86 2.36 0.00	47.69 2.05 0.00	44.07 1.65 0.00
HUDSON AVE_GT_5 23657	39.43 1.41 0.00	38.15 1.25 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	81.01 2.74 0.00	64.88 2.13 0.00	43.23 1.86 0.00	42.70 1.56 0.00	39.95 1.50 0.00	37.69 1.55 0.00	37.26 1.50 0.00	36.57 1.57 0.00	39.75 1.49 0.00	46.55 2.05 0.00	54.73 2.46 0.00	69.00 2.65 0.00	75.52 3.39 0.00	66.07 2.85 0.00	54.86 2.36 0.00	47.69 2.05 0.00	44.07 1.65 0.00
HUDSON_AVE_10 24168	39.32 1.29 0.00	38.04 1.14 0.00	36.17 0.92 0.00	36.02 0.88 0.00	37.11 0.69 0.00	44.72 1.01 0.00	64.75 1.64 0.00	80.70 2.43 0.00	64.69 1.95 0.00	43.14 1.78 0.00	42.62 1.48 0.00	39.84 1.38 0.00	37.58 1.45 0.00	37.19 1.43 0.00	36.50 1.50 0.00	39.64 1.38 0.00	46.46 1.96 0.00	54.57 2.30 0.00	68.80 2.45 0.00	75.30 3.17 0.00	65.88 2.66 0.00	54.70 2.20 0.00	47.55 1.92 0.00	43.94 1.53 0.00
HUDSON___115KV_TB 4 355613	39.78 1.75 0.00	38.52 1.62 0.00	36.69 1.45 0.00	36.59 1.44 0.00	37.88 1.46 0.00	45.59 1.88 0.00	66.01 2.90 0.00	82.03 3.76 0.00	65.69 2.95 0.00	42.89 1.53 0.00	42.41 1.28 0.00	39.61 1.15 0.00	37.22 1.08 0.00	36.83 1.07 0.00	35.80 0.80 0.00	34.08 0.96 5.14	39.13 1.33 6.71	45.44 1.83 8.66	56.81 2.59 12.12	62.79 3.17 12.51	55.69 2.78 10.31	46.01 2.26 8.74	40.47 1.87 7.03	44.11 1.70 0.00
HUNTER MOUNT___DRP 323613	40.00 1.98 0.00	38.70 1.81 0.00	36.91 1.66 0.00	36.80 1.65 0.00	38.10 1.68 0.00	45.90 2.19 0.00	66.52 3.41 0.00	82.58 4.30 0.00	66.13 3.39 0.00	43.06 1.70 0.00	42.53 1.40 0.00	39.69 1.23 0.00	37.26 1.12 0.00	36.86 1.11 0.00	35.80 0.80 0.00	31.84 0.99 7.41	36.25 1.42 9.67	41.77 1.99 12.49	51.79 2.92 17.48	57.62 3.53 18.04	51.52 3.16 14.87	42.41 2.52 12.60	37.55 2.05 10.14	44.28 1.87 0.00
HUNTINGTON_RES_REC 323705	39.55 1.52 0.00	38.22 1.33 0.00	36.23 0.99 0.00	35.99 0.84 0.00	37.22 0.80 0.00	44.76 1.05 0.00	64.62 1.51 0.00	80.70 2.43 0.00	64.57 1.82 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.33 1.19 0.00	36.90 1.14 0.00	36.32 1.33 0.00	39.75 1.49 0.00	46.41 1.91 0.00	54.89 2.61 0.00	69.00 2.66 0.00	76.02 3.89 0.00	66.57 3.35 0.00	55.01 2.52 0.00	48.23 2.60 0.00	44.20 1.78 0.00
HUNTLEY___63 23557	37.15 -0.87 0.00	36.05 -0.85 0.00	34.68 -0.56 0.00	34.48 -0.67 0.00	35.84 -0.58 0.00	43.06 -0.66 0.00	59.83 -3.28 0.00	72.87 -5.40 0.00	58.60 -4.14 0.00	39.01 -2.36 0.00	39.04 -2.10 0.00	36.26 -2.19 0.00	34.00 -2.13 0.00	33.79 -1.97 0.00	32.86 -2.13 0.00	35.93 -2.33 0.00	41.69 -2.80 0.00	48.72 -3.55 0.00	62.50 -3.85 0.00	67.01 -5.12 0.00	58.17 -5.06 0.00	48.87 -3.62 0.00	42.76 -2.87 0.00	40.59 -1.82 0.00
HUNTLEY___64 23558	37.15 -0.87 0.00	36.05 -0.85 0.00	34.68 -0.56 0.00	34.48 -0.67 0.00	35.84 -0.58 0.00	43.06 -0.66 0.00	59.83 -3.28 0.00	72.87 -5.40 0.00	58.60 -4.14 0.00	39.01 -2.36 0.00	39.04 -2.10 0.00	36.26 -2.19 0.00	34.00 -2.13 0.00	33.79 -1.97 0.00	32.86 -2.13 0.00	35.93 -2.33 0.00	41.69 -2.80 0.00	48.72 -3.55 0.00	62.50 -3.85 0.00	67.01 -5.12 0.00	58.17 -5.06 0.00	48.87 -3.62 0.00	42.76 -2.87 0.00	40.59 -1.82 0.00
HUNTLEY___65 23559	37.15 -0.87 0.00	36.05 -0.85 0.00	34.68 -0.56 0.00	34.48 -0.67 0.00	35.84 -0.58 0.00	43.06 -0.66 0.00	59.83 -3.28 0.00	72.87 -5.40 0.00	58.60 -4.14 0.00	39.01 -2.36 0.00	39.04 -2.10 0.00	36.26 -2.19 0.00	34.00 -2.13 0.00	33.79 -1.97 0.00	32.86 -2.13 0.00	35.93 -2.33 0.00	41.69 -2.80 0.00	48.72 -3.55 0.00	62.50 -3.85 0.00	67.01 -5.12 0.00	58.17 -5.06 0.00	48.87 -3.62 0.00	42.76 -2.87 0.00	40.59 -1.82 0.00
HUNTLEY___66 23560	37.15 -0.87 0.00	36.05 -0.85 0.00	34.68 -0.56 0.00	34.48 -0.67 0.00	35.84 -0.58 0.00	43.06 -0.66 0.00	59.83 -3.28 0.00	72.87 -5.40 0.00	58.60 -4.14 0.00	39.01 -2.36 0.00	39.04 -2.10 0.00	36.26 -2.19 0.00	34.00 -2.13 0.00	33.79 -1.97 0.00	32.86 -2.13 0.00	35.93 -2.33 0.00	41.69 -2.80 0.00	48.72 -3.55 0.00	62.50 -3.85 0.00	67.01 -5.12 0.00	58.17 -5.06 0.00	48.87 -3.62 0.00	42.76 -2.87 0.00	40.59 -1.82 0.00

HUNTLEY___67 23561	36.96 -1.06 0.00	35.90 -1.00 0.00	34.51 -0.74 0.00	34.27 -0.88 0.00	35.66 -0.76 0.00	42.79 -0.92 0.00	59.51 -3.60 0.00	72.40 -5.87 0.00	58.23 -4.52 0.00	38.80 -2.56 0.00	38.83 -2.30 0.00	36.11 -2.35 0.00	33.86 -2.28 0.00	33.65 -2.11 0.00	32.72 -2.27 0.00	35.78 -2.49 0.00	41.47 -3.03 0.00	48.46 -3.82 0.00	62.17 -4.18 0.00	66.65 -5.48 0.00	57.85 -5.37 0.00	48.61 -3.88 0.00	42.58 -3.06 0.00	40.42 -1.99 0.00
HUNTLEY___68 23562	36.96 -1.06 0.00	35.90 -1.00 0.00	34.51 -0.74 0.00	34.27 -0.88 0.00	35.66 -0.76 0.00	42.79 -0.92 0.00	59.51 -3.60 0.00	72.40 -5.87 0.00	58.23 -4.52 0.00	38.80 -2.56 0.00	38.83 -2.30 0.00	36.11 -2.35 0.00	33.86 -2.28 0.00	33.65 -2.11 0.00	32.72 -2.27 0.00	35.78 -2.49 0.00	41.47 -3.03 0.00	48.46 -3.82 0.00	62.17 -4.18 0.00	66.65 -5.48 0.00	57.85 -5.37 0.00	48.61 -3.88 0.00	42.58 -3.06 0.00	40.42 -1.99 0.00
HYLAND___LFGE 323620	38.79 0.76 0.00	37.63 0.74 0.00	36.31 1.06 0.00	36.06 0.91 0.00	37.55 1.13 0.00	45.24 1.53 0.00	63.99 0.88 0.00	78.19 -0.08 0.00	61.99 -0.75 0.00	40.58 -0.79 0.00	39.98 -1.15 0.00	37.19 -1.27 0.00	34.65 -1.48 0.00	34.32 -1.43 0.00	33.52 -1.47 0.00	36.81 -1.45 0.00	42.99 -1.51 0.00	51.28 -0.99 0.00	66.48 0.13 0.00	72.49 0.36 0.00	63.54 0.32 0.00	52.86 0.37 0.00	45.68 0.05 0.00	42.75 0.34 0.00
INDECK___CORINTH 23802	38.94 0.91 0.00	37.82 0.92 0.00	35.99 0.74 0.00	35.95 0.81 0.00	37.22 0.80 0.00	44.98 1.27 0.00	65.07 1.96 0.00	81.56 3.29 0.00	65.07 2.32 0.00	43.80 2.44 0.00	43.07 1.93 0.00	40.30 1.85 0.00	37.94 1.81 0.00	37.51 1.75 0.00	36.81 1.82 0.00	40.37 2.10 0.00	47.17 2.67 0.00	54.05 1.78 0.00	68.53 2.19 0.00	75.02 2.89 0.00	65.62 2.40 0.00	54.22 1.73 0.00	47.23 1.60 0.00	43.90 1.48 0.00
INDECK___ILION 23567	37.84 -0.19 0.00	36.75 -0.15 0.00	35.14 -0.11 0.00	35.07 -0.07 0.00	36.35 -0.07 0.00	43.67 -0.04 0.00	63.23 0.13 0.00	78.66 0.39 0.00	63.06 0.31 0.00	41.53 0.17 0.00	41.26 0.12 0.00	38.61 0.15 0.00	36.24 0.11 0.00	35.86 0.11 0.00	35.10 0.10 0.00	38.38 0.11 0.00	44.68 0.18 0.00	52.48 0.21 0.00	66.48 0.13 0.00	72.20 0.07 0.00	63.16 -0.06 0.00	52.34 -0.16 0.00	45.41 -0.23 0.00	42.16 -0.25 0.00
INDECK___OLEAN 23982	37.88 -0.15 0.00	36.64 -0.26 0.00	35.32 0.07 0.00	35.04 -0.11 0.00	36.49 0.07 0.00	43.84 0.13 0.00	61.85 -1.26 0.00	74.83 -3.44 0.00	60.11 -2.63 0.00	39.96 -1.41 0.00	39.69 -1.44 0.00	36.95 -1.50 0.00	34.69 -1.45 0.00	34.43 -1.32 0.00	33.42 -1.57 0.00	36.50 -1.76 0.00	42.45 -2.05 0.00	49.87 -2.40 0.00	64.02 -2.32 0.00	68.74 -3.39 0.00	59.93 -3.29 0.00	50.19 -2.31 0.00	43.81 -1.83 0.00	41.65 -0.76 0.00
INDECK___OSWEGO 23783	36.89 -1.14 0.00	35.75 -1.14 0.00	34.23 -1.02 0.00	34.12 -1.02 0.00	35.36 -1.06 0.00	42.36 -1.36 0.00	60.90 -2.21 0.00	75.53 -2.74 0.00	60.49 -2.26 0.00	39.92 -1.45 0.00	39.86 -1.28 0.00	37.26 -1.19 0.00	34.98 -1.16 0.00	34.65 -1.11 0.00	33.87 -1.12 0.00	37.04 -1.23 0.00	42.85 -1.65 0.00	50.23 -2.04 0.00	63.96 -2.39 0.00	69.46 -2.67 0.00	60.82 -2.40 0.00	50.50 -1.99 0.00	43.90 -1.73 0.00	40.89 -1.53 0.00
INDECK___YERKES 23781	37.19 -0.84 0.00	35.97 -0.92 0.00	34.72 -0.53 0.00	34.48 -0.67 0.00	35.87 -0.55 0.00	43.10 -0.61 0.00	59.89 -3.22 0.00	72.72 -5.56 0.00	58.67 -4.08 0.00	39.01 -2.36 0.00	38.95 -2.18 0.00	36.30 -2.15 0.00	34.04 -2.10 0.00	33.82 -1.93 0.00	32.86 -2.14 0.00	36.01 -2.26 0.00	41.74 -2.76 0.00	48.77 -3.50 0.00	62.63 -3.71 0.00	66.79 -5.34 0.00	58.23 -5.00 0.00	48.92 -3.57 0.00	42.81 -2.83 0.00	40.64 -1.78 0.00
INDIAN POINT_GT_1 24139	39.02 0.99 0.00	37.74 0.85 0.00	35.92 0.67 0.00	35.78 0.63 0.00	36.93 0.51 0.00	44.46 0.74 0.00	64.43 1.33 0.00	80.23 1.96 0.00	64.25 1.51 0.00	42.65 1.28 0.00	42.16 1.03 0.00	39.42 0.96 0.00	37.11 0.98 0.00	36.68 0.93 0.00	35.97 0.98 0.00	39.22 0.96 0.00	45.88 1.38 0.00	53.95 1.67 0.00	68.27 1.92 0.00	74.58 2.45 0.00	65.44 2.21 0.00	54.28 1.78 0.00	47.19 1.55 0.00	43.60 1.19 0.00
INDIAN POINT_GT_2 23659	39.02 0.99 0.00	37.74 0.85 0.00	35.92 0.67 0.00	35.78 0.63 0.00	36.93 0.51 0.00	44.46 0.74 0.00	64.43 1.33 0.00	80.23 1.96 0.00	64.25 1.51 0.00	42.65 1.28 0.00	42.16 1.03 0.00	39.42 0.96 0.00	37.11 0.98 0.00	36.68 0.93 0.00	35.97 0.98 0.00	39.22 0.96 0.00	45.88 1.38 0.00	53.95 1.67 0.00	68.27 1.92 0.00	74.58 2.45 0.00	65.44 2.21 0.00	54.28 1.78 0.00	47.19 1.55 0.00	43.60 1.19 0.00
INDIAN POINT_GT_3 24019	39.02 0.99 0.00	37.74 0.85 0.00	35.92 0.67 0.00	35.78 0.63 0.00	36.93 0.51 0.00	44.46 0.74 0.00	64.43 1.33 0.00	80.23 1.96 0.00	64.25 1.51 0.00	42.65 1.28 0.00	42.16 1.03 0.00	39.42 0.96 0.00	37.11 0.98 0.00	36.68 0.93 0.00	35.97 0.98 0.00	39.22 0.96 0.00	45.88 1.38 0.00	53.95 1.67 0.00	68.27 1.92 0.00	74.58 2.45 0.00	65.44 2.21 0.00	54.28 1.78 0.00	47.19 1.55 0.00	43.60 1.19 0.00
INDIAN POINT___2 23530	38.86 0.84 0.00	37.63 0.74 0.00	35.81 0.56 0.00	35.64 0.49 0.00	36.82 0.40 0.00	44.28 0.57 0.00	64.18 1.07 0.00	79.92 1.65 0.00	64.00 1.25 0.00	42.48 1.12 0.00	42.00 0.87 0.00	39.26 0.81 0.00	36.93 0.79 0.00	36.51 0.75 0.00	35.83 0.84 0.00	39.03 0.76 0.00	45.65 1.16 0.00	53.74 1.46 0.00	67.93 1.59 0.00	74.29 2.16 0.00	65.12 1.89 0.00	54.07 1.57 0.00	47.05 1.42 0.00	43.52 1.10 0.00
INDIAN POINT___3 23531	39.05 1.03 0.00	37.78 0.89 0.00	35.95 0.70 0.00	35.81 0.67 0.00	36.97 0.55 0.00	44.46 0.74 0.00	64.43 1.33 0.00	80.23 1.96 0.00	64.25 1.51 0.00	42.69 1.32 0.00	42.20 1.07 0.00	39.45 1.00 0.00	37.15 1.01 0.00	36.72 0.97 0.00	36.04 1.05 0.00	39.26 0.99 0.00	45.92 1.42 0.00	54.00 1.73 0.00	68.27 1.92 0.00	74.65 2.52 0.00	65.44 2.21 0.00	54.28 1.78 0.00	47.23 1.60 0.00	43.65 1.23 0.00
INGHAM_C_115KV_TB7 356103	37.23 -0.80 0.00	36.16 -0.74 0.00	34.61 -0.63 0.00	34.62 -0.53 0.00	35.91 -0.51 0.00	43.23 -0.48 0.00	62.60 -0.50 0.00	78.04 -0.23 0.00	62.56 -0.19 0.00	41.16 -0.21 0.00	40.89 -0.25 0.00	38.26 -0.19 0.00	35.92 -0.22 0.00	35.54 -0.21 0.00	34.78 -0.21 0.00	38.03 -0.23 0.00	44.28 -0.22 0.00	51.91 -0.37 0.00	65.68 -0.66 0.00	71.26 -0.87 0.00	62.15 -1.07 0.00	51.44 -1.05 0.00	44.63 -1.00 0.00	41.40 -1.02 0.00
IP CORINTH___1 23988	39.17 1.14 0.00	38.00 1.11 0.00	36.20 0.95 0.00	36.13 0.98 0.00	37.44 1.02 0.00	45.20 1.49 0.00	65.44 2.34 0.00	81.64 3.37 0.00	65.25 2.51 0.00	42.52 1.16 0.00	41.79 0.66 0.00	39.11 0.65 0.00	36.82 0.69 0.00	36.43 0.68 0.00	35.73 0.73 0.00	39.26 0.99 0.00	45.92 1.42 0.00	54.16 1.88 0.00	68.93 2.59 0.00	75.37 3.25 0.00	65.94 2.72 0.00	54.65 2.15 0.00	48.78 3.15 0.00	45.39 2.97 0.00

IP__TICONDEROGA 23804	40.73 2.70 0.00	39.51 2.62 0.00	37.61 2.36 0.00	37.60 2.46 0.00	39.01 2.59 0.00	47.34 3.63 0.00	68.60 5.49 0.00	85.71 7.44 0.00	68.45 5.71 0.00	44.18 2.81 0.00	43.23 2.10 0.00	40.49 2.04 0.00	38.12 1.99 0.00	37.76 2.00 0.00	36.99 1.99 0.00	40.79 2.53 0.00	47.79 3.29 0.00	56.56 4.29 0.00	72.25 5.90 0.00	79.27 7.14 0.00	69.23 6.01 0.00	57.22 4.72 0.00	50.75 5.11 0.00	47.13 4.71 0.00
ISLIP_RES_REC 323679	39.85 1.83 0.00	38.56 1.66 0.00	36.48 1.23 0.00	36.23 1.09 0.00	37.51 1.09 0.00	45.07 1.36 0.00	65.44 2.34 0.00	81.87 3.60 0.00	65.32 2.57 0.00	43.43 2.07 0.00	42.90 1.77 0.00	40.15 1.69 0.00	37.43 1.30 0.00	37.04 1.29 0.00	36.46 1.47 0.00	40.02 1.76 0.00	46.59 2.09 0.00	55.46 3.19 0.00	69.93 3.58 0.00	77.10 4.97 0.00	67.58 4.36 0.00	55.54 3.04 0.00	48.56 2.92 0.00	44.45 2.04 0.00
JAMAICA__27_KV_LOAD 355505	39.47 1.45 0.00	38.19 1.29 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.22 0.80 0.00	44.89 1.18 0.00	64.94 1.83 0.00	81.09 2.82 0.00	64.94 2.20 0.00	43.35 1.99 0.00	42.82 1.69 0.00	40.03 1.58 0.00	37.80 1.66 0.00	37.36 1.61 0.00	36.67 1.68 0.00	39.87 1.61 0.00	46.72 2.22 0.00	54.84 2.56 0.00	69.20 2.85 0.00	75.73 3.61 0.00	66.26 3.03 0.00	54.96 2.47 0.00	47.83 2.19 0.00	44.11 1.70 0.00
JANIS__SOLAR 323808	39.39 1.37 0.00	38.18 1.29 0.00	36.59 1.34 0.00	36.51 1.37 0.00	37.95 1.53 0.00	45.68 1.97 0.00	65.88 2.77 0.00	81.87 3.60 0.00	65.26 2.51 0.00	42.44 1.07 0.00	41.88 0.74 0.00	39.07 0.61 0.00	36.64 0.51 0.00	36.33 0.57 0.00	35.59 0.59 0.00	39.07 0.80 0.00	45.65 1.16 0.00	54.10 1.83 0.00	69.40 3.05 0.00	75.30 3.17 0.00	65.62 2.40 0.00	54.33 1.84 0.00	47.00 1.37 0.00	43.77 1.36 0.00
JARVIS____ 23743	38.22 0.19 0.00	37.08 0.19 0.00	35.39 0.14 0.00	35.32 0.18 0.00	36.57 0.15 0.00	43.89 0.18 0.00	63.43 0.32 0.00	78.82 0.55 0.00	63.12 0.38 0.00	41.61 0.25 0.00	41.34 0.21 0.00	38.69 0.23 0.00	36.32 0.18 0.00	35.93 0.18 0.00	35.20 0.21 0.00	38.45 0.19 0.00	44.77 0.27 0.00	52.64 0.37 0.00	66.75 0.40 0.00	72.64 0.51 0.00	63.60 0.38 0.00	52.76 0.26 0.00	45.91 0.28 0.00	42.63 0.21 0.00
JENNISON__1 23625	39.51 1.48 0.00	38.30 1.40 0.00	36.62 1.37 0.00	36.59 1.44 0.00	38.02 1.60 0.00	45.77 2.05 0.00	66.07 2.97 0.00	82.42 4.15 0.00	65.88 3.14 0.00	43.06 1.70 0.00	42.57 1.44 0.00	39.72 1.27 0.00	37.22 1.08 0.00	36.90 1.14 0.00	36.15 1.15 0.00	39.60 1.34 0.00	46.23 1.74 0.00	54.63 2.35 0.00	69.66 3.32 0.00	75.59 3.46 0.00	65.75 2.53 0.00	54.44 1.94 0.00	47.09 1.46 0.00	43.86 1.44 0.00
JENNISON__2 23626	39.51 1.48 0.00	38.30 1.40 0.00	36.62 1.37 0.00	36.59 1.44 0.00	38.02 1.60 0.00	45.77 2.05 0.00	66.07 2.97 0.00	82.42 4.15 0.00	65.88 3.14 0.00	43.06 1.70 0.00	42.57 1.44 0.00	39.72 1.27 0.00	37.22 1.08 0.00	36.90 1.14 0.00	36.15 1.15 0.00	39.60 1.34 0.00	46.23 1.74 0.00	54.63 2.35 0.00	69.66 3.32 0.00	75.59 3.46 0.00	65.75 2.53 0.00	54.44 1.94 0.00	47.09 1.46 0.00	43.86 1.44 0.00
JERICHO_RISE_WT_PWR 323719	38.10 0.08 0.00	37.26 0.37 0.00	35.64 0.39 0.00	35.67 0.53 0.00	37.19 0.77 0.00	44.67 0.96 0.00	64.87 1.76 0.00	80.23 1.96 0.00	64.57 1.82 0.00	42.23 0.87 0.00	42.00 0.87 0.00	39.26 0.81 0.00	36.90 0.76 0.00	36.54 0.79 0.00	35.73 0.74 0.00	39.10 0.84 0.00	45.52 1.02 0.00	53.63 1.36 0.00	68.07 1.72 0.00	73.57 1.44 0.00	64.68 1.46 0.00	53.65 1.15 0.00	46.50 0.86 0.00	43.14 0.72 0.00
KATONAH__115KV_46KV_TB4 355592	39.43 1.41 0.00	38.15 1.25 0.00	36.34 1.09 0.00	36.16 1.02 0.00	37.33 0.91 0.00	44.98 1.27 0.00	65.25 2.15 0.00	81.40 3.13 0.00	65.25 2.51 0.00	43.14 1.78 0.00	42.66 1.52 0.00	39.84 1.38 0.00	37.44 1.30 0.00	36.97 1.22 0.00	36.25 1.26 0.00	39.53 1.26 0.00	46.32 1.82 0.00	54.57 2.30 0.00	69.13 2.79 0.00	75.59 3.46 0.00	66.32 3.10 0.00	55.01 2.52 0.00	47.73 2.10 0.00	44.11 1.70 0.00
KCE_NY_1 323755	39.47 1.44 0.00	38.26 1.37 0.00	36.48 1.23 0.00	36.37 1.23 0.00	37.66 1.24 0.00	45.37 1.66 0.00	65.64 2.53 0.00	81.80 3.53 0.00	65.19 2.44 0.00	43.02 1.66 0.00	42.49 1.36 0.00	39.76 1.31 0.00	37.40 1.26 0.00	36.97 1.22 0.00	36.29 1.30 0.00	39.83 1.57 0.00	46.55 2.05 0.00	54.52 2.25 0.00	69.20 2.85 0.00	75.59 3.46 0.00	66.20 2.97 0.00	54.86 2.36 0.00	47.73 2.10 0.00	44.33 1.91 0.00
KCE_NY_6_ESR 323823	37.57 -0.45 0.00	36.34 -0.55 0.00	35.07 -0.18 0.00	34.83 -0.32 0.00	36.24 -0.18 0.00	43.58 -0.13 0.00	60.71 -2.40 0.00	73.65 -4.62 0.00	59.42 -3.33 0.00	39.50 -1.86 0.00	39.41 -1.73 0.00	36.73 -1.73 0.00	34.47 -1.66 0.00	34.22 -1.54 0.00	33.21 -1.78 0.00	36.39 -1.87 0.00	42.23 -2.27 0.00	49.40 -2.88 0.00	63.36 -2.98 0.00	67.66 -4.47 0.00	58.99 -4.24 0.00	49.56 -2.94 0.00	43.31 -2.33 0.00	41.15 -1.27 0.00
KEDC_PORT_JEFF_GT2 24210	39.66 1.63 0.00	38.41 1.51 0.00	36.34 1.09 0.00	36.09 0.95 0.00	37.33 0.91 0.00	44.89 1.18 0.00	65.07 1.96 0.00	81.40 3.13 0.00	64.94 2.19 0.00	43.18 1.82 0.00	42.70 1.56 0.00	39.95 1.50 0.00	37.29 1.16 0.00	36.90 1.14 0.00	36.32 1.33 0.00	39.87 1.61 0.00	46.41 1.91 0.00	55.20 2.93 0.00	69.46 3.12 0.00	76.60 4.47 0.00	67.14 3.92 0.00	55.22 2.73 0.00	48.28 2.65 0.00	44.24 1.82 0.00
KEDC_PORT_JEFF_GT3 24211	39.66 1.63 0.00	38.41 1.51 0.00	36.34 1.09 0.00	36.09 0.95 0.00	37.33 0.91 0.00	44.89 1.18 0.00	65.07 1.96 0.00	81.40 3.13 0.00	64.94 2.19 0.00	43.18 1.82 0.00	42.70 1.56 0.00	39.95 1.50 0.00	37.29 1.16 0.00	36.90 1.14 0.00	36.32 1.33 0.00	39.87 1.61 0.00	46.41 1.91 0.00	55.20 2.93 0.00	69.46 3.12 0.00	76.60 4.47 0.00	67.14 3.92 0.00	55.22 2.73 0.00	48.28 2.65 0.00	44.24 1.82 0.00
KEDC_GLWD_GT4 24219	39.70 1.67 0.00	38.37 1.48 0.00	36.45 1.20 0.00	36.20 1.05 0.00	37.44 1.02 0.00	45.07 1.36 0.00	65.26 2.15 0.00	81.48 3.21 0.00	65.32 2.57 0.00	43.47 2.11 0.00	42.99 1.85 0.00	40.19 1.73 0.00	37.69 1.55 0.00	37.26 1.50 0.00	36.64 1.65 0.00	39.94 1.68 0.00	46.72 2.22 0.00	55.20 2.93 0.00	69.53 3.18 0.00	76.46 4.33 0.00	66.82 3.60 0.00	55.38 2.89 0.00	48.37 2.74 0.00	44.45 2.04 0.00
KEDC_GLWD_GT5 24220	39.70 1.67 0.00	38.37 1.48 0.00	36.45 1.20 0.00	36.20 1.05 0.00	37.44 1.02 0.00	45.07 1.36 0.00	65.26 2.15 0.00	81.48 3.21 0.00	65.32 2.57 0.00	43.47 2.11 0.00	42.99 1.85 0.00	40.19 1.73 0.00	37.69 1.55 0.00	37.26 1.50 0.00	36.64 1.65 0.00	39.94 1.68 0.00	46.72 2.22 0.00	55.20 2.93 0.00	69.53 3.18 0.00	76.46 4.33 0.00	66.82 3.60 0.00	55.38 2.89 0.00	48.37 2.74 0.00	44.45 2.04 0.00

KENSICO____ 23655	39.24 1.22 0.00	37.96 1.07 0.00	36.13 0.88 0.00	35.95 0.81 0.00	37.11 0.69 0.00	44.67 0.96 0.00	64.75 1.64 0.00	80.62 2.35 0.00	64.63 1.88 0.00	42.94 1.57 0.00	42.41 1.28 0.00	39.69 1.23 0.00	37.36 1.23 0.00	36.94 1.18 0.00	36.25 1.26 0.00	39.49 1.22 0.00	46.19 1.69 0.00	54.37 2.09 0.00	68.67 2.32 0.00	75.09 2.96 0.00	65.82 2.59 0.00	54.59 2.10 0.00	47.46 1.83 0.00	43.86 1.44 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.36 1.33 0.00	38.04 1.14 0.00	36.24 0.99 0.00	36.09 0.95 0.00	37.26 0.84 0.00	44.94 1.22 0.00	65.25 2.15 0.00	81.24 2.97 0.00	65.00 2.26 0.00	42.85 1.49 0.00	42.29 1.15 0.00	39.49 1.04 0.00	37.08 0.94 0.00	36.61 0.86 0.00	35.94 0.94 0.00	38.39 1.03 0.90	44.83 1.51 1.18	52.79 2.04 1.52	66.80 2.59 2.13	73.25 3.32 2.20	64.45 3.03 1.81	53.43 2.47 1.54	46.41 2.01 1.24	44.03 1.61 0.00
KIAC_JFK_GT1 23816	39.28 1.25 0.00	38.00 1.11 0.00	36.06 0.81 0.00	35.92 0.77 0.00	37.04 0.62 0.00	44.63 0.92 0.00	64.31 1.20 0.00	80.31 2.04 0.00	64.31 1.57 0.00	43.14 1.78 0.00	42.62 1.48 0.00	39.84 1.38 0.00	37.62 1.48 0.00	37.19 1.43 0.00	36.50 1.50 0.00	39.68 1.42 0.00	46.50 2.00 0.00	54.37 2.09 0.00	68.53 2.19 0.00	75.01 2.89 0.00	65.63 2.40 0.00	54.44 1.94 0.00	47.55 1.92 0.00	43.86 1.44 0.00
KIAC_JFK_GT2 23817	39.28 1.25 0.00	38.00 1.11 0.00	36.06 0.81 0.00	35.92 0.77 0.00	37.04 0.62 0.00	44.63 0.92 0.00	64.31 1.20 0.00	80.31 2.04 0.00	64.31 1.57 0.00	43.14 1.78 0.00	42.62 1.48 0.00	39.84 1.38 0.00	37.62 1.48 0.00	37.19 1.43 0.00	36.50 1.50 0.00	39.68 1.42 0.00	46.50 2.00 0.00	54.37 2.09 0.00	68.53 2.19 0.00	75.01 2.89 0.00	65.63 2.40 0.00	54.44 1.94 0.00	47.55 1.92 0.00	43.86 1.44 0.00
KIAC_JFK____ 323774	39.24 1.22 0.00	38.04 1.14 0.00	36.09 0.84 0.00	35.92 0.77 0.00	37.04 0.62 0.00	44.63 0.92 0.00	64.37 1.26 0.00	80.30 2.03 0.00	64.37 1.63 0.00	43.10 1.74 0.00	42.61 1.48 0.00	39.84 1.38 0.00	37.54 1.41 0.00	37.15 1.39 0.00	36.46 1.47 0.00	39.60 1.34 0.00	46.45 1.96 0.00	54.31 2.04 0.00	68.47 2.12 0.00	75.02 2.89 0.00	65.62 2.40 0.00	54.44 1.94 0.00	47.64 2.01 0.00	43.99 1.57 0.00
KINTIGH____ 23543	36.58 -1.45 0.00	35.53 -1.37 0.00	34.16 -1.09 0.00	33.95 -1.19 0.00	35.25 -1.17 0.00	42.31 -1.40 0.00	59.01 -4.10 0.00	72.24 -6.03 0.00	58.04 -4.71 0.00	38.63 -2.73 0.00	38.67 -2.47 0.00	35.96 -2.50 0.00	33.79 -2.35 0.00	33.50 -2.25 0.00	32.65 -2.34 0.00	35.74 -2.53 0.00	41.38 -3.11 0.00	48.41 -3.87 0.00	61.97 -4.38 0.00	66.57 -5.55 0.00	57.85 -5.37 0.00	48.56 -3.94 0.00	42.39 -3.24 0.00	40.13 -2.29 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.71 0.68 0.00	38.00 1.11 0.00	36.38 1.13 0.00	36.44 1.30 0.00	38.17 1.75 0.00	45.90 2.19 0.00	66.90 3.79 0.00	82.50 4.23 0.00	66.70 3.95 0.00	43.39 2.03 0.00	43.15 2.02 0.00	40.30 1.85 0.00	37.87 1.73 0.00	37.54 1.79 0.00	36.67 1.68 0.00	40.21 1.95 0.00	46.77 2.27 0.00	55.25 2.98 0.00	70.19 3.85 0.00	75.59 3.46 0.00	66.57 3.35 0.00	55.17 2.68 0.00	47.78 2.14 0.00	44.24 1.82 0.00
LACHUTE____HYDRO 323717	40.73 2.70 0.00	39.51 2.62 0.00	37.61 2.36 0.00	37.60 2.46 0.00	39.01 2.59 0.00	47.34 3.63 0.00	68.60 5.49 0.00	86.41 8.14 0.00	68.58 5.84 0.00	45.34 3.97 0.00	44.43 3.29 0.00	41.57 3.11 0.00	39.13 3.00 0.00	38.72 2.97 0.00	37.97 2.97 0.00	41.74 3.48 0.00	48.86 4.36 0.00	56.67 4.39 0.00	72.25 5.90 0.00	79.27 7.14 0.00	69.23 6.01 0.00	57.06 4.56 0.00	49.60 3.97 0.00	46.02 3.60 0.00
LAWRNCV_115KV_TB1 80681	38.07 0.04 0.00	37.08 0.18 0.00	35.35 0.11 0.00	35.39 0.25 0.00	36.93 0.51 0.00	44.28 0.57 0.00	64.37 1.26 0.00	79.52 1.25 0.00	64.06 1.32 0.00	41.70 0.33 0.00	41.42 0.29 0.00	38.69 0.23 0.00	36.35 0.22 0.00	36.01 0.25 0.00	35.20 0.21 0.00	38.57 0.31 0.00	44.90 0.40 0.00	53.01 0.73 0.00	67.47 1.13 0.00	72.99 0.87 0.00	64.23 1.01 0.00	53.28 0.79 0.00	46.09 0.46 0.00	42.71 0.30 0.00
LEDERLE____ 23769	39.09 1.06 0.00	37.78 0.89 0.00	35.99 0.74 0.00	35.81 0.67 0.00	37.00 0.58 0.00	44.54 0.83 0.00	64.56 1.45 0.00	80.38 2.11 0.00	64.44 1.69 0.00	42.77 1.41 0.00	42.29 1.15 0.00	39.49 1.04 0.00	37.18 1.05 0.00	36.76 1.00 0.00	36.08 1.08 0.00	39.30 1.03 0.00	45.97 1.47 0.00	54.10 1.83 0.00	68.47 2.12 0.00	74.87 2.74 0.00	65.63 2.40 0.00	54.44 1.94 0.00	47.28 1.64 0.00	43.73 1.31 0.00
LIGHTRSE_115KV_TB6 355974	37.30 -0.72 0.00	36.16 -0.74 0.00	34.61 -0.63 0.00	34.58 -0.56 0.00	35.87 -0.55 0.00	42.97 -0.74 0.00	61.78 -1.33 0.00	76.78 -1.49 0.00	61.43 -1.32 0.00	40.33 -1.03 0.00	40.27 -0.86 0.00	37.65 -0.81 0.00	35.30 -0.83 0.00	34.97 -0.79 0.00	34.19 -0.80 0.00	37.34 -0.92 0.00	43.25 -1.25 0.00	50.86 -1.41 0.00	65.02 -1.33 0.00	70.83 -1.30 0.00	62.02 -1.20 0.00	51.39 -1.10 0.00	44.54 -1.10 0.00	41.44 -0.98 0.00
LINDEN COGEN____ 23786	39.09 1.06 0.00	37.89 1.00 0.00	36.06 0.81 0.00	35.88 0.74 0.00	36.97 0.55 0.00	44.45 0.74 0.00	63.60 1.33 0.83	69.00 2.03 11.30	56.26 1.63 8.12	42.85 1.49 0.00	42.41 1.28 0.00	39.65 1.19 0.00	37.37 1.23 0.00	36.97 1.22 0.00	36.29 1.30 0.00	39.37 1.11 0.00	46.15 1.65 0.00	50.92 1.99 3.34	54.80 2.06 13.61	70.02 2.74 4.85	61.26 2.27 4.24	51.52 1.89 2.86	47.51 1.87 0.00	43.90 1.48 0.00
LINDHRST_69_KV_BK1 356055	39.93 1.90 0.00	38.48 1.59 0.00	36.62 1.37 0.00	36.41 1.27 0.00	37.62 1.20 0.00	45.33 1.62 0.00	65.70 2.59 0.00	82.26 3.99 0.00	65.69 2.95 0.00	43.93 2.56 0.00	43.19 2.06 0.00	40.38 1.92 0.00	37.83 1.70 0.00	37.40 1.64 0.00	36.78 1.78 0.00	40.25 1.99 0.00	46.95 2.45 0.00	55.62 3.35 0.00	70.19 3.85 0.00	77.25 5.12 0.00	67.65 4.43 0.00	55.80 3.31 0.00	48.69 3.06 0.00	44.67 2.25 0.00
LIPA_MISC_IPP 23656	39.17 1.14 0.00	37.82 0.92 0.00	35.95 0.70 0.00	35.74 0.60 0.00	37.04 0.62 0.00	44.41 0.70 0.00	64.37 1.26 0.00	80.70 2.43 0.00	64.00 1.25 0.00	43.06 1.70 0.00	42.12 0.99 0.00	39.49 1.04 0.00	36.82 0.69 0.00	36.47 0.72 0.00	35.90 0.91 0.00	39.56 1.30 0.00	45.83 1.33 0.00	54.57 2.30 0.00	68.67 2.32 0.00	75.73 3.61 0.00	66.64 3.41 0.00	54.49 1.99 0.00	47.64 2.01 0.00	43.60 1.19 0.00
LISF____SOLAR 323691	39.36 1.33 0.00	38.15 1.26 0.00	36.02 0.77 0.00	35.78 0.63 0.00	37.00 0.58 0.00	44.45 0.74 0.00	64.50 1.39 0.00	80.70 2.43 0.00	64.12 1.38 0.00	42.60 1.24 0.00	42.16 1.03 0.00	39.49 1.04 0.00	36.75 0.61 0.00	36.40 0.64 0.00	35.83 0.84 0.00	39.49 1.22 0.00	45.79 1.29 0.00	54.57 2.30 0.00	68.73 2.38 0.00	75.88 3.75 0.00	66.70 3.47 0.00	54.60 2.10 0.00	47.78 2.15 0.00	43.73 1.32 0.00

LITTLE FALLS___HYD 24013	37.23 -0.80 0.00	36.16 -0.74 0.00	34.61 -0.63 0.00	34.62 -0.53 0.00	35.91 -0.51 0.00	43.23 -0.48 0.00	62.60 -0.50 0.00	78.04 -0.23 0.00	62.56 -0.19 0.00	41.16 -0.21 0.00	40.89 -0.25 0.00	38.26 -0.19 0.00	35.92 -0.22 0.00	35.54 -0.21 0.00	34.78 -0.21 0.00	38.03 -0.23 0.00	44.28 -0.22 0.00	51.91 -0.37 0.00	65.68 -0.66 0.00	71.26 -0.87 0.00	62.15 -1.07 0.00	51.44 -1.05 0.00	44.63 -1.00 0.00	41.40 -1.02 0.00
LITTLRIV_115KV_TB1 356100	38.56 0.53 0.00	37.56 0.66 0.00	35.81 0.56 0.00	35.85 0.70 0.00	37.40 0.98 0.00	44.94 1.22 0.00	65.38 2.27 0.00	80.85 2.58 0.00	65.00 2.26 0.00	42.19 0.83 0.00	41.88 0.74 0.00	39.11 0.65 0.00	36.68 0.54 0.00	36.36 0.61 0.00	35.55 0.56 0.00	38.95 0.69 0.00	45.39 0.89 0.00	53.69 1.41 0.00	68.47 2.12 0.00	74.15 2.02 0.00	65.18 1.96 0.00	54.02 1.52 0.00	46.68 1.05 0.00	43.27 0.85 0.00
LI_NEWBRDGE___DRP 323616	39.32 1.29 0.00	37.96 1.07 0.00	36.13 0.88 0.00	35.92 0.77 0.00	37.11 0.69 0.00	44.72 1.01 0.00	64.62 1.51 0.00	80.78 2.50 0.00	64.63 1.88 0.00	43.23 1.86 0.00	42.62 1.48 0.00	39.84 1.38 0.00	37.40 1.26 0.00	36.97 1.22 0.00	36.36 1.36 0.00	39.68 1.42 0.00	46.32 1.82 0.00	54.68 2.40 0.00	68.87 2.52 0.00	75.66 3.53 0.00	66.26 3.03 0.00	54.86 2.36 0.00	47.87 2.24 0.00	43.99 1.57 0.00
LOCKPORT_115KV_TB60_63_64 80432	36.70 -1.33 0.00	35.68 -1.22 0.00	34.30 -0.95 0.00	34.09 -1.05 0.00	35.44 -0.98 0.00	42.58 -1.14 0.00	59.07 -4.04 0.00	72.01 -6.26 0.00	57.85 -4.89 0.00	38.51 -2.85 0.00	38.54 -2.59 0.00	35.80 -2.65 0.00	33.57 -2.57 0.00	33.36 -2.40 0.00	32.44 -2.55 0.00	35.51 -2.75 0.00	41.16 -3.34 0.00	48.14 -4.13 0.00	61.77 -4.58 0.00	66.21 -5.91 0.00	57.47 -5.75 0.00	48.30 -4.20 0.00	42.26 -3.38 0.00	40.13 -2.29 0.00
LOCKPORT___CC1 323769	36.70 -1.33 0.00	35.53 -1.36 0.00	34.30 -0.95 0.00	34.05 -1.09 0.00	35.44 -0.98 0.00	42.53 -1.18 0.00	59.07 -4.04 0.00	71.62 -6.65 0.00	57.85 -4.89 0.00	38.43 -2.94 0.00	38.38 -2.76 0.00	35.76 -2.69 0.00	33.57 -2.56 0.00	33.32 -2.43 0.00	32.37 -2.63 0.00	35.51 -2.76 0.00	41.16 -3.34 0.00	48.09 -4.18 0.00	61.70 -4.65 0.00	65.92 -6.20 0.00	57.47 -5.75 0.00	48.29 -4.20 0.00	42.26 -3.38 0.00	40.13 -2.29 0.00
LOCKPORT___CC2 323770	36.70 -1.33 0.00	35.53 -1.36 0.00	34.30 -0.95 0.00	34.05 -1.09 0.00	35.44 -0.98 0.00	42.53 -1.18 0.00	59.07 -4.04 0.00	71.62 -6.65 0.00	57.85 -4.89 0.00	38.43 -2.94 0.00	38.38 -2.76 0.00	35.76 -2.69 0.00	33.57 -2.56 0.00	33.32 -2.43 0.00	32.37 -2.63 0.00	35.51 -2.76 0.00	41.16 -3.34 0.00	48.09 -4.18 0.00	61.70 -4.65 0.00	65.92 -6.20 0.00	57.47 -5.75 0.00	48.29 -4.20 0.00	42.26 -3.38 0.00	40.13 -2.29 0.00
LOCKPORT___CC3 323771	36.70 -1.33 0.00	35.53 -1.36 0.00	34.30 -0.95 0.00	34.05 -1.09 0.00	35.44 -0.98 0.00	42.53 -1.18 0.00	59.07 -4.04 0.00	71.62 -6.65 0.00	57.85 -4.89 0.00	38.43 -2.94 0.00	38.38 -2.76 0.00	35.76 -2.69 0.00	33.57 -2.56 0.00	33.32 -2.43 0.00	32.37 -2.63 0.00	35.51 -2.76 0.00	41.16 -3.34 0.00	48.09 -4.18 0.00	61.70 -4.65 0.00	65.92 -6.20 0.00	57.47 -5.75 0.00	48.29 -4.20 0.00	42.26 -3.38 0.00	40.13 -2.29 0.00
LONG_LAKE_PHOENIX 24014	36.92 -1.10 0.00	35.82 -1.07 0.00	34.33 -0.92 0.00	34.20 -0.95 0.00	35.44 -0.98 0.00	42.44 -1.27 0.00	61.03 -2.08 0.00	75.69 -2.58 0.00	60.61 -2.13 0.00	40.00 -1.37 0.00	39.94 -1.19 0.00	37.34 -1.12 0.00	35.02 -1.12 0.00	34.68 -1.07 0.00	33.91 -1.08 0.00	37.08 -1.19 0.00	42.94 -1.56 0.00	50.34 -1.93 0.00	64.09 -2.26 0.00	69.68 -2.45 0.00	60.95 -2.28 0.00	50.60 -1.89 0.00	43.95 -1.69 0.00	40.97 -1.44 0.00
LOVETT___3 23632	38.94 0.91 0.00	37.67 0.77 0.00	35.88 0.63 0.00	35.74 0.60 0.00	36.89 0.47 0.00	44.37 0.66 0.00	64.31 1.20 0.00	80.07 1.80 0.00	64.12 1.38 0.00	42.61 1.24 0.00	42.12 0.99 0.00	39.38 0.92 0.00	37.08 0.94 0.00	36.65 0.89 0.00	35.97 0.98 0.00	39.18 0.92 0.00	45.83 1.33 0.00	53.89 1.62 0.00	68.14 1.79 0.00	74.51 2.38 0.00	65.31 2.09 0.00	54.17 1.68 0.00	47.09 1.46 0.00	43.56 1.15 0.00
LOVETT___4 23642	38.94 0.91 0.00	37.67 0.77 0.00	35.88 0.63 0.00	35.74 0.60 0.00	36.89 0.47 0.00	44.37 0.66 0.00	64.31 1.20 0.00	80.07 1.80 0.00	64.12 1.38 0.00	42.61 1.24 0.00	42.12 0.99 0.00	39.38 0.92 0.00	37.08 0.94 0.00	36.65 0.89 0.00	35.97 0.98 0.00	39.18 0.92 0.00	45.83 1.33 0.00	53.89 1.62 0.00	68.14 1.79 0.00	74.51 2.38 0.00	65.31 2.09 0.00	54.17 1.68 0.00	47.09 1.46 0.00	43.56 1.15 0.00
LOVETT___5 23593	38.94 0.91 0.00	37.67 0.77 0.00	35.88 0.63 0.00	35.74 0.60 0.00	36.89 0.47 0.00	44.37 0.66 0.00	64.31 1.20 0.00	80.07 1.80 0.00	64.12 1.38 0.00	42.61 1.24 0.00	42.12 0.99 0.00	39.38 0.92 0.00	37.08 0.94 0.00	36.65 0.89 0.00	35.97 0.98 0.00	39.18 0.92 0.00	45.83 1.33 0.00	53.89 1.62 0.00	68.14 1.79 0.00	74.51 2.38 0.00	65.31 2.09 0.00	54.17 1.68 0.00	47.09 1.46 0.00	43.56 1.15 0.00
LOWER RAQUET___HYD 24057	37.95 -0.08 0.00	37.01 0.11 0.00	35.25 0.00 0.00	35.32 0.18 0.00	36.82 0.40 0.00	44.19 0.48 0.00	64.30 1.20 0.00	79.45 1.18 0.00	64.00 1.25 0.00	41.61 0.25 0.00	41.34 0.21 0.00	38.61 0.15 0.00	36.24 0.11 0.00	35.90 0.14 0.00	35.13 0.14 0.00	38.49 0.23 0.00	44.81 0.31 0.00	52.90 0.63 0.00	67.40 1.06 0.00	72.92 0.79 0.00	64.17 0.95 0.00	53.18 0.68 0.00	46.00 0.36 0.00	42.59 0.17 0.00
LOWER___HUDSON 24059	39.17 1.14 0.00	37.93 1.03 0.00	36.16 0.91 0.00	36.02 0.88 0.00	37.29 0.87 0.00	44.81 1.09 0.00	64.87 1.76 0.00	80.54 2.27 0.00	64.31 1.57 0.00	42.44 1.07 0.00	42.08 0.95 0.00	39.38 0.92 0.00	37.04 0.90 0.00	36.58 0.82 0.00	35.90 0.91 0.00	39.37 1.11 0.00	45.88 1.38 0.00	53.95 1.67 0.00	68.40 2.06 0.00	74.58 2.45 0.00	65.50 2.27 0.00	54.33 1.84 0.00	47.28 1.64 0.00	43.94 1.52 0.00
LOWVILLE_115KV_TB2 356335	38.14 0.11 0.00	36.97 0.07 0.00	35.32 0.07 0.00	35.60 0.46 0.00	37.00 0.58 0.00	44.46 0.74 0.00	64.43 1.33 0.00	80.31 2.04 0.00	64.25 1.51 0.00	41.86 0.50 0.00	41.51 0.37 0.00	38.76 0.31 0.00	36.32 0.18 0.00	35.97 0.21 0.00	35.20 0.21 0.00	38.57 0.31 0.00	44.94 0.44 0.00	53.16 0.89 0.00	68.00 1.66 0.00	74.08 1.95 0.00	64.74 1.52 0.00	53.60 1.10 0.00	45.91 0.27 0.00	42.50 0.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.47 1.45 0.00	38.22 1.33 0.00	36.45 1.20 0.00	36.34 1.19 0.00	37.62 1.20 0.00	45.33 1.62 0.00	65.57 2.46 0.00	81.48 3.21 0.00	65.13 2.38 0.00	42.65 1.28 0.00	42.16 1.03 0.00	39.45 1.00 0.00	37.08 0.94 0.00	36.68 0.93 0.00	35.97 0.98 0.00	39.53 1.26 0.00	46.14 1.65 0.00	54.42 2.14 0.00	69.13 2.79 0.00	75.52 3.39 0.00	66.13 2.91 0.00	54.86 2.36 0.00	48.05 2.42 0.00	44.67 2.25 0.00

LUTHERNY_35_KV_BK2 355980	39.47 1.45 0.00	38.26 1.37 0.00	36.48 1.23 0.00	36.37 1.23 0.00	37.66 1.24 0.00	45.37 1.66 0.00	65.63 2.52 0.00	81.56 3.29 0.00	65.19 2.45 0.00	42.69 1.32 0.00	42.16 1.03 0.00	39.45 1.00 0.00	37.11 0.98 0.00	36.68 0.93 0.00	36.01 1.01 0.00	39.53 1.26 0.00	46.19 1.69 0.00	54.47 2.20 0.00	69.20 2.85 0.00	75.52 3.39 0.00	66.19 2.97 0.00	54.91 2.41 0.00	48.10 2.46 0.00	44.71 2.29 0.00
LWR___OSWEGATCHIE_HYD 23850	37.76 -0.27 0.00	36.71 -0.18 0.00	35.04 -0.21 0.00	35.18 0.04 0.00	36.64 0.22 0.00	44.02 0.31 0.00	63.87 0.76 0.00	79.29 1.02 0.00	63.62 0.88 0.00	41.41 0.04 0.00	41.09 -0.04 0.00	38.38 -0.08 0.00	35.99 -0.14 0.00	35.65 -0.11 0.00	34.85 -0.14 0.00	38.22 -0.04 0.00	44.50 0.00 0.00	52.59 0.31 0.00	67.21 0.86 0.00	72.99 0.87 0.00	63.98 0.76 0.00	52.97 0.47 0.00	45.63 0.00 0.00	42.25 -0.17 0.00
LYONS_FALL_HYD 23570	38.41 0.38 0.00	37.23 0.33 0.00	35.57 0.32 0.00	35.70 0.56 0.00	37.08 0.66 0.00	44.54 0.83 0.00	64.50 1.39 0.00	80.46 2.19 0.00	64.37 1.63 0.00	42.07 0.70 0.00	41.71 0.58 0.00	38.95 0.50 0.00	36.53 0.40 0.00	36.19 0.43 0.00	35.41 0.42 0.00	38.80 0.54 0.00	45.21 0.71 0.00	53.37 1.10 0.00	68.14 1.79 0.00	74.14 2.02 0.00	64.80 1.58 0.00	53.65 1.15 0.00	46.18 0.55 0.00	42.80 0.38 0.00
MADISON___COUNTY_LFGE 323628	38.90 0.87 0.00	37.67 0.77 0.00	36.02 0.78 0.00	35.95 0.81 0.00	37.29 0.87 0.00	44.81 1.09 0.00	64.69 1.58 0.00	80.54 2.27 0.00	64.50 1.76 0.00	42.27 0.91 0.00	42.00 0.86 0.00	39.22 0.77 0.00	36.79 0.65 0.00	36.43 0.68 0.00	35.66 0.66 0.00	39.07 0.80 0.00	45.48 0.98 0.00	53.58 1.31 0.00	68.27 1.92 0.00	74.22 2.09 0.00	64.80 1.58 0.00	53.75 1.26 0.00	46.55 0.91 0.00	43.27 0.85 0.00
MALONE___115KV_TB1 356076	38.56 0.53 0.00	37.67 0.77 0.00	35.95 0.70 0.00	36.02 0.88 0.00	37.66 1.24 0.00	45.24 1.53 0.00	65.89 2.78 0.00	81.17 2.90 0.00	65.57 2.82 0.00	42.65 1.28 0.00	42.37 1.23 0.00	39.57 1.12 0.00	37.22 1.08 0.00	36.86 1.11 0.00	36.01 1.01 0.00	39.45 1.19 0.00	45.92 1.42 0.00	54.16 1.88 0.00	68.93 2.59 0.00	74.36 2.24 0.00	65.50 2.28 0.00	54.28 1.78 0.00	47.00 1.37 0.00	43.52 1.10 0.00
MAPLEWOD_115KV_TB3 80458	39.24 1.22 0.00	38.00 1.11 0.00	36.24 0.99 0.00	36.13 0.98 0.00	37.37 0.95 0.00	44.89 1.18 0.00	64.94 1.83 0.00	80.62 2.35 0.00	64.56 1.82 0.00	42.52 1.16 0.00	42.20 1.07 0.00	39.53 1.08 0.00	37.11 0.98 0.00	36.68 0.93 0.00	35.90 0.91 0.00	39.30 1.03 0.00	45.83 1.33 0.00	53.89 1.62 0.00	68.34 1.99 0.00	74.44 2.31 0.00	65.37 2.15 0.00	54.28 1.78 0.00	47.19 1.55 0.00	43.90 1.48 0.00
MAPLE_RIDGE_WT_1 323574	37.88 -0.15 0.00	36.82 -0.07 0.00	35.18 -0.07 0.00	35.14 0.00 0.00	36.49 0.07 0.00	43.80 0.09 0.00	63.43 0.32 0.00	78.66 0.39 0.00	63.19 0.44 0.00	41.57 0.21 0.00	41.34 0.21 0.00	38.65 0.19 0.00	36.32 0.18 0.00	35.93 0.18 0.00	35.17 0.18 0.00	38.45 0.19 0.00	44.77 0.27 0.00	52.59 0.32 0.00	66.75 0.40 0.00	72.42 0.29 0.00	63.48 0.25 0.00	52.55 0.05 0.00	45.54 -0.09 0.00	42.21 -0.21 0.00
MAPLE_RIDGE_WT_2 323611	37.88 -0.15 0.00	36.82 -0.07 0.00	35.18 -0.07 0.00	35.14 0.00 0.00	36.49 0.07 0.00	43.80 0.09 0.00	63.43 0.32 0.00	78.66 0.39 0.00	63.19 0.44 0.00	41.57 0.21 0.00	41.34 0.21 0.00	38.65 0.19 0.00	36.32 0.18 0.00	35.93 0.18 0.00	35.17 0.18 0.00	38.45 0.19 0.00	44.77 0.27 0.00	52.59 0.32 0.00	66.75 0.40 0.00	72.42 0.29 0.00	63.48 0.25 0.00	52.55 0.05 0.00	45.54 -0.09 0.00	42.21 -0.21 0.00
MARBLE_RIVER_WT_PWR 323696	38.10 0.08 0.00	37.59 0.70 0.00	36.09 0.84 0.00	36.20 1.05 0.00	37.88 1.46 0.00	45.59 1.88 0.00	66.51 3.41 0.00	82.18 3.91 0.00	66.45 3.70 0.00	43.35 1.99 0.00	43.11 1.97 0.00	40.26 1.81 0.00	37.83 1.70 0.00	37.47 1.72 0.00	36.64 1.65 0.00	40.14 1.87 0.00	46.72 2.22 0.00	55.09 2.82 0.00	69.93 3.58 0.00	75.30 3.17 0.00	66.20 2.97 0.00	54.80 2.31 0.00	47.51 1.87 0.00	44.03 1.61 0.00
MARSHVLE_115KV_TB1 80742	40.80 2.78 0.00	39.55 2.66 0.00	37.68 2.43 0.00	37.64 2.50 0.00	39.04 2.62 0.00	46.82 3.10 0.00	67.90 4.80 0.00	84.61 6.34 0.00	66.70 3.95 0.00	42.89 1.53 0.00	42.41 1.28 0.00	39.61 1.15 0.00	37.55 1.41 0.00	37.19 1.43 0.00	36.43 1.43 0.00	40.21 1.95 0.00	47.12 2.63 0.00	56.09 3.82 0.00	71.65 5.31 0.00	78.40 6.28 0.00	68.41 5.18 0.00	57.01 4.51 0.00	49.47 3.83 0.00	45.81 3.39 0.00
MARSH_HILL_WT_PWR 323713	38.03 0.00 0.00	36.78 -0.11 0.00	35.57 0.32 0.00	35.36 0.21 0.00	36.78 0.36 0.00	44.19 0.48 0.00	62.35 -0.75 0.00	76.47 -1.80 0.00	61.30 -1.44 0.00	40.45 -0.91 0.00	40.07 -1.07 0.00	37.42 -1.04 0.00	35.05 -1.08 0.00	34.72 -1.04 0.00	33.80 -1.19 0.00	37.00 -1.26 0.00	43.16 -1.33 0.00	50.81 -1.46 0.00	65.15 -1.19 0.00	70.25 -1.88 0.00	61.33 -1.90 0.00	51.13 -1.37 0.00	44.45 -1.19 0.00	41.78 -0.64 0.00
MCINTYRE_115KV_TB2 80467	38.98 0.95 0.00	37.96 1.07 0.00	36.17 0.92 0.00	36.23 1.09 0.00	37.80 1.38 0.00	45.37 1.66 0.00	66.01 2.90 0.00	81.56 3.29 0.00	65.57 2.82 0.00	42.52 1.16 0.00	42.20 1.07 0.00	39.38 0.92 0.00	36.93 0.79 0.00	36.58 0.82 0.00	35.76 0.77 0.00	39.22 0.96 0.00	45.74 1.25 0.00	54.10 1.83 0.00	69.13 2.79 0.00	74.87 2.74 0.00	65.88 2.66 0.00	54.54 2.05 0.00	47.19 1.55 0.00	43.69 1.27 0.00
MECO_____69_KV_BK1 80468	41.07 3.04 0.00	39.77 2.88 0.00	37.89 2.64 0.00	37.89 2.74 0.00	39.30 2.88 0.00	47.38 3.67 0.00	68.66 5.55 0.00	85.63 7.36 0.00	67.70 4.96 0.00	43.56 2.19 0.00	42.94 1.81 0.00	40.15 1.69 0.00	37.94 1.81 0.00	37.58 1.82 0.00	36.85 1.85 0.00	40.63 2.37 0.00	47.66 3.16 0.00	56.67 4.39 0.00	72.38 6.04 0.00	79.34 7.21 0.00	69.23 6.01 0.00	57.43 4.93 0.00	49.88 4.24 0.00	46.15 3.73 0.00
MENANDS___115KV_TB5 355628	39.17 1.14 0.00	37.93 1.03 0.00	36.17 0.92 0.00	36.06 0.91 0.00	37.29 0.87 0.00	44.76 1.05 0.00	64.75 1.64 0.00	80.38 2.11 0.00	64.44 1.69 0.00	42.48 1.12 0.00	42.16 1.03 0.00	39.49 1.04 0.00	37.08 0.94 0.00	36.65 0.89 0.00	35.83 0.84 0.00	39.22 0.96 0.00	45.70 1.20 0.00	53.74 1.46 0.00	68.07 1.72 0.00	74.15 2.02 0.00	65.12 1.90 0.00	54.12 1.63 0.00	47.05 1.41 0.00	43.77 1.36 0.00
MG INDUSTRY___DRP 24185	39.21 1.18 0.00	38.00 1.11 0.00	36.24 0.99 0.00	36.13 0.98 0.00	37.40 0.98 0.00	44.89 1.18 0.00	64.88 1.77 0.00	80.46 2.19 0.00	64.56 1.82 0.00	42.36 0.99 0.00	41.96 0.82 0.00	39.26 0.81 0.00	36.89 0.76 0.00	36.51 0.75 0.00	35.48 0.49 0.00	32.20 -0.23 5.83	36.81 -0.09 7.60	42.46 0.00 9.82	52.61 0.00 13.74	58.16 0.22 14.18	51.79 0.25 11.69	42.80 0.21 9.91	37.89 0.23 7.97	42.63 0.21 0.00

MID___OSWEGATCHIE_HYD 23849	37.76 -0.27 0.00	36.71 -0.18 0.00	35.04 -0.21 0.00	35.18 0.04 0.00	36.64 0.22 0.00	44.02 0.31 0.00	63.87 0.76 0.00	79.29 1.02 0.00	63.62 0.88 0.00	41.41 0.04 0.00	41.09 -0.04 0.00	38.38 -0.08 0.00	35.99 -0.14 0.00	35.65 -0.11 0.00	34.85 -0.14 0.00	38.22 -0.04 0.00	44.50 0.00 0.00	52.59 0.31 0.00	67.21 0.86 0.00	72.99 0.87 0.00	63.98 0.76 0.00	52.97 0.47 0.00	45.63 0.00 0.00	42.25 -0.17 0.00
MID___RAQUETTE_HYD 23851	37.95 -0.08 0.00	36.97 0.07 0.00	35.25 0.00 0.00	35.32 0.18 0.00	36.82 0.40 0.00	44.19 0.48 0.00	64.31 1.20 0.00	79.44 1.17 0.00	64.00 1.25 0.00	41.61 0.25 0.00	41.34 0.21 0.00	38.61 0.15 0.00	36.24 0.11 0.00	35.90 0.14 0.00	35.10 0.10 0.00	38.49 0.23 0.00	44.81 0.31 0.00	52.90 0.63 0.00	67.41 1.06 0.00	72.92 0.79 0.00	64.17 0.95 0.00	53.18 0.68 0.00	46.00 0.37 0.00	42.59 0.17 0.00
MILLIKEN___1 23584	38.41 0.38 0.00	37.26 0.37 0.00	35.71 0.46 0.00	35.57 0.42 0.00	36.89 0.47 0.00	44.32 0.61 0.00	63.74 0.63 0.00	79.05 0.78 0.00	63.18 0.44 0.00	41.53 0.17 0.00	41.26 0.12 0.00	38.49 0.04 0.00	36.14 0.00 0.00	35.79 0.04 0.00	34.99 0.00 0.00	38.30 0.04 0.00	44.54 0.04 0.00	52.43 0.16 0.00	67.07 0.73 0.00	72.78 0.65 0.00	63.60 0.38 0.00	52.76 0.26 0.00	45.77 0.14 0.00	42.67 0.25 0.00
MILLIKEN___2 23585	38.41 0.38 0.00	37.26 0.37 0.00	35.71 0.46 0.00	35.57 0.42 0.00	36.89 0.47 0.00	44.32 0.61 0.00	63.74 0.63 0.00	79.05 0.78 0.00	63.18 0.44 0.00	41.53 0.17 0.00	41.26 0.12 0.00	38.49 0.04 0.00	36.14 0.00 0.00	35.79 0.04 0.00	34.99 0.00 0.00	38.30 0.04 0.00	44.54 0.04 0.00	52.43 0.16 0.00	67.07 0.73 0.00	72.78 0.65 0.00	63.60 0.38 0.00	52.76 0.26 0.00	45.77 0.14 0.00	42.67 0.25 0.00
MILLIKEN___DIESEL 23629	38.41 0.38 0.00	37.26 0.37 0.00	35.71 0.46 0.00	35.57 0.42 0.00	36.89 0.47 0.00	44.32 0.61 0.00	63.74 0.63 0.00	79.05 0.78 0.00	63.18 0.44 0.00	41.53 0.17 0.00	41.26 0.12 0.00	38.49 0.04 0.00	36.14 0.00 0.00	35.79 0.04 0.00	34.99 0.00 0.00	38.30 0.04 0.00	44.54 0.04 0.00	52.43 0.16 0.00	67.07 0.73 0.00	72.78 0.65 0.00	63.60 0.38 0.00	52.76 0.26 0.00	45.77 0.14 0.00	42.67 0.25 0.00
MILLSEAT___LFGE 323607	37.46 -0.57 0.00	36.30 -0.59 0.00	35.04 -0.21 0.00	34.79 -0.35 0.00	36.20 -0.22 0.00	43.54 -0.17 0.00	60.77 -2.33 0.00	74.12 -4.15 0.00	59.80 -2.95 0.00	39.50 -1.86 0.00	39.37 -1.77 0.00	36.65 -1.81 0.00	34.40 -1.73 0.00	34.18 -1.57 0.00	33.21 -1.78 0.00	36.46 -1.80 0.00	42.32 -2.18 0.00	49.61 -2.66 0.00	63.69 -2.66 0.00	68.37 -3.75 0.00	59.62 -3.60 0.00	49.92 -2.57 0.00	43.49 -2.14 0.00	41.10 -1.32 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.09 1.06 0.00	37.82 0.92 0.00	36.02 0.78 0.00	35.85 0.70 0.00	37.04 0.62 0.00	44.54 0.83 0.00	64.56 1.45 0.00	80.38 2.11 0.00	64.38 1.63 0.00	42.77 1.41 0.00	42.29 1.15 0.00	39.53 1.08 0.00	37.22 1.08 0.00	36.79 1.04 0.00	36.11 1.12 0.00	39.33 1.07 0.00	46.01 1.51 0.00	54.16 1.88 0.00	68.40 2.06 0.00	74.80 2.67 0.00	65.56 2.34 0.00	54.44 1.94 0.00	47.32 1.69 0.00	43.73 1.31 0.00
MILLWOOD_13_KV_LOAD 356217	39.17 1.14 0.00	37.89 1.00 0.00	36.09 0.85 0.00	35.92 0.77 0.00	37.11 0.69 0.00	44.63 0.92 0.00	64.69 1.58 0.00	80.62 2.35 0.00	64.63 1.88 0.00	42.85 1.49 0.00	42.37 1.23 0.00	39.61 1.15 0.00	37.29 1.16 0.00	36.83 1.07 0.00	36.15 1.15 0.00	39.37 1.11 0.00	46.10 1.60 0.00	54.26 1.99 0.00	68.60 2.26 0.00	75.01 2.89 0.00	65.75 2.53 0.00	54.59 2.10 0.00	47.41 1.78 0.00	43.82 1.40 0.00
MODEL_CITY_ENERGY 24167	36.36 -1.67 0.00	35.16 -1.73 0.00	33.95 -1.30 0.00	33.70 -1.44 0.00	35.07 -1.35 0.00	42.10 -1.62 0.00	58.37 -4.73 0.00	70.83 -7.44 0.00	57.16 -5.58 0.00	38.01 -3.35 0.00	38.01 -3.13 0.00	35.38 -3.08 0.00	33.24 -2.89 0.00	33.00 -2.75 0.00	32.05 -2.94 0.00	35.13 -3.14 0.00	40.72 -3.78 0.00	47.57 -4.70 0.00	61.03 -5.31 0.00	65.13 -7.00 0.00	56.77 -6.45 0.00	47.77 -4.72 0.00	41.80 -3.83 0.00	39.70 -2.72 0.00
MODERN_LFGE___ 323580	36.36 -1.67 0.00	35.16 -1.73 0.00	33.95 -1.30 0.00	33.70 -1.44 0.00	35.07 -1.35 0.00	42.10 -1.62 0.00	58.37 -4.73 0.00	70.83 -7.44 0.00	57.16 -5.58 0.00	38.01 -3.35 0.00	38.01 -3.13 0.00	35.38 -3.08 0.00	33.24 -2.89 0.00	33.00 -2.75 0.00	32.05 -2.94 0.00	35.13 -3.14 0.00	40.72 -3.78 0.00	47.57 -4.70 0.00	61.03 -5.31 0.00	65.13 -7.00 0.00	56.77 -6.45 0.00	47.77 -4.72 0.00	41.80 -3.83 0.00	39.70 -2.72 0.00
MOHAWK_PAPER___DRP 24187	39.24 1.22 0.00	38.00 1.11 0.00	36.24 0.99 0.00	36.13 0.98 0.00	37.37 0.95 0.00	44.89 1.18 0.00	64.94 1.83 0.00	80.62 2.35 0.00	64.56 1.82 0.00	42.52 1.16 0.00	42.20 1.07 0.00	39.53 1.08 0.00	37.11 0.98 0.00	36.68 0.93 0.00	35.90 0.91 0.00	39.30 1.03 0.00	45.83 1.33 0.00	53.89 1.62 0.00	68.34 1.99 0.00	74.44 2.31 0.00	65.37 2.15 0.00	54.28 1.78 0.00	47.19 1.55 0.00	43.90 1.48 0.00
MOHICAN___35_KV_115KV_LD 80490	39.43 1.41 0.00	38.26 1.37 0.00	36.45 1.20 0.00	36.41 1.27 0.00	37.69 1.27 0.00	45.55 1.84 0.00	65.95 2.84 0.00	82.26 3.99 0.00	65.69 2.95 0.00	42.77 1.41 0.00	42.08 0.95 0.00	39.38 0.92 0.00	37.08 0.94 0.00	36.68 0.93 0.00	35.97 0.98 0.00	39.53 1.26 0.00	46.23 1.74 0.00	54.57 2.30 0.00	69.46 3.12 0.00	76.02 3.89 0.00	66.51 3.29 0.00	55.12 2.62 0.00	48.87 3.24 0.00	45.47 3.05 0.00
MONGAUP___HYD 23641	39.13 1.10 0.00	37.89 1.00 0.00	36.09 0.84 0.00	35.92 0.77 0.00	37.11 0.69 0.00	44.45 0.74 0.00	63.68 0.57 0.00	79.21 0.94 0.00	63.31 0.56 0.00	42.19 0.83 0.00	41.91 0.78 0.00	39.15 0.69 0.00	36.79 0.65 0.00	36.36 0.61 0.00	35.69 0.70 0.00	38.99 0.73 0.00	45.43 0.94 0.00	53.01 0.73 0.00	67.47 1.13 0.00	73.86 1.73 0.00	64.74 1.51 0.00	53.65 1.15 0.00	46.87 1.23 0.00	43.60 1.19 0.00
MONTAUK___DIESEL 23721	39.02 0.99 0.00	37.67 0.77 0.00	35.64 0.39 0.00	35.36 0.21 0.00	36.64 0.22 0.00	43.97 0.26 0.00	63.99 0.88 0.00	80.38 2.11 0.00	63.87 1.13 0.00	42.85 1.49 0.00	41.34 0.21 0.00	39.07 0.62 0.00	36.71 0.58 0.00	36.72 0.97 0.00	36.36 1.36 0.00	40.14 1.87 0.00	46.28 1.78 0.00	55.41 3.14 0.00	69.20 2.85 0.00	76.17 4.04 0.00	66.76 3.54 0.00	54.33 1.84 0.00	47.28 1.64 0.00	43.77 1.36 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.69 -0.34 0.00	36.41 -0.48 0.00	35.00 -0.25 0.00	34.72 -0.42 0.00	36.13 -0.29 0.00	43.45 -0.26 0.00	61.34 -1.77 0.00	74.59 -3.68 0.00	59.73 -3.01 0.00	39.92 -1.45 0.00	39.90 -1.23 0.00	37.07 -1.38 0.00	34.73 -1.41 0.00	34.36 -1.39 0.00	33.31 -1.68 0.00	36.54 -1.72 0.00	42.45 -2.05 0.00	50.13 -2.14 0.00	65.15 -1.19 0.00	70.25 -1.88 0.00	61.01 -2.21 0.00	51.08 -1.42 0.00	44.49 -1.14 0.00	42.16 -0.25 0.00

MORRIS_RIDGE___SOLAR 323848	37.46 -0.57 0.00	36.27 -0.63 0.00	34.97 -0.28 0.00	34.79 -0.35 0.00	36.17 -0.25 0.00	43.41 -0.30 0.00	61.09 -2.02 0.00	74.59 -3.68 0.00	59.73 -3.01 0.00	39.38 -1.98 0.00	39.04 -2.10 0.00	36.50 -1.96 0.00	34.22 -1.92 0.00	33.89 -1.86 0.00	33.00 -1.99 0.00	36.12 -2.14 0.00	42.14 -2.36 0.00	49.55 -2.72 0.00	63.49 -2.85 0.00	68.37 -3.75 0.00	59.68 -3.54 0.00	49.92 -2.57 0.00	43.49 -2.14 0.00	41.06 -1.36 0.00
MORTIMER_115KV_TB3 55949	37.11 -0.91 0.00	36.08 -0.81 0.00	34.61 -0.63 0.00	34.44 -0.70 0.00	35.76 -0.66 0.00	42.93 -0.79 0.00	60.58 -2.52 0.00	74.75 -3.52 0.00	59.92 -2.82 0.00	39.67 -1.70 0.00	39.61 -1.52 0.00	36.92 -1.54 0.00	34.65 -1.48 0.00	34.40 -1.36 0.00	33.52 -1.47 0.00	36.73 -1.53 0.00	42.58 -1.91 0.00	49.92 -2.35 0.00	63.76 -2.59 0.00	68.88 -3.25 0.00	60.00 -3.22 0.00	50.08 -2.41 0.00	43.58 -2.05 0.00	40.93 -1.48 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.43 1.41 0.00	38.15 1.25 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.82 2.07 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.62 1.48 0.00	37.22 1.47 0.00	36.53 1.54 0.00	39.72 1.45 0.00	46.50 2.00 0.00	54.68 2.40 0.00	68.93 2.59 0.00	75.37 3.25 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.64 2.01 0.00	44.07 1.65 0.00
MUNSVILLE_WIND_PWR 323609	40.61 2.59 0.00	39.33 2.43 0.00	37.65 2.40 0.00	37.71 2.56 0.00	39.22 2.80 0.00	47.30 3.59 0.00	68.41 5.30 0.00	85.63 7.36 0.00	68.39 5.65 0.00	44.26 2.89 0.00	43.60 2.47 0.00	40.72 2.27 0.00	38.09 1.95 0.00	37.79 2.04 0.00	37.02 2.03 0.00	40.67 2.41 0.00	47.57 3.07 0.00	56.51 4.23 0.00	72.38 6.04 0.00	78.40 6.27 0.00	68.03 4.80 0.00	56.17 3.67 0.00	48.51 2.88 0.00	45.13 2.72 0.00
N SALMON___HYD 24042	38.56 0.53 0.00	37.67 0.78 0.00	35.95 0.70 0.00	36.02 0.88 0.00	37.62 1.20 0.00	45.24 1.53 0.00	65.88 2.77 0.00	81.17 2.90 0.00	65.57 2.83 0.00	42.65 1.28 0.00	42.37 1.23 0.00	39.57 1.12 0.00	37.22 1.08 0.00	36.86 1.11 0.00	36.01 1.02 0.00	39.45 1.19 0.00	45.92 1.42 0.00	54.15 1.88 0.00	68.93 2.58 0.00	74.37 2.24 0.00	65.50 2.27 0.00	54.28 1.79 0.00	47.00 1.37 0.00	43.52 1.10 0.00
N.AKRON__115KV_KNAPP 355671	37.38 -0.65 0.00	36.34 -0.55 0.00	34.97 -0.28 0.00	34.72 -0.42 0.00	36.13 -0.29 0.00	43.45 -0.26 0.00	60.58 -2.52 0.00	74.28 -3.99 0.00	59.54 -3.20 0.00	39.46 -1.90 0.00	39.41 -1.73 0.00	36.57 -1.88 0.00	34.33 -1.81 0.00	34.07 -1.68 0.00	33.17 -1.82 0.00	36.35 -1.91 0.00	42.18 -2.31 0.00	49.40 -2.88 0.00	63.43 -2.92 0.00	68.23 -3.89 0.00	59.30 -3.92 0.00	49.71 -2.78 0.00	43.35 -2.28 0.00	40.97 -1.44 0.00
N.BELMOR_69_KV_BK1 55787	39.62 1.60 0.00	38.22 1.33 0.00	36.34 1.09 0.00	36.16 1.02 0.00	37.33 0.91 0.00	44.98 1.27 0.00	65.13 2.02 0.00	81.40 3.13 0.00	65.13 2.38 0.00	43.56 2.19 0.00	42.90 1.77 0.00	40.15 1.69 0.00	37.65 1.52 0.00	37.22 1.47 0.00	36.57 1.57 0.00	39.98 1.72 0.00	46.68 2.18 0.00	55.15 2.88 0.00	69.53 3.18 0.00	76.46 4.33 0.00	66.89 3.67 0.00	55.33 2.83 0.00	48.28 2.65 0.00	44.33 1.91 0.00
N.E_GEN_SANDY PD 24062	39.05 1.03 0.00	37.82 0.92 0.00	36.06 0.81 0.00	35.92 0.77 0.00	37.11 0.69 0.00	44.50 0.79 0.00	65.52 1.39 -1.03	78.89 1.65 1.03	61.50 1.13 2.38	44.69 0.95 -2.38	42.00 0.87 0.00	39.30 0.84 0.00	36.97 0.83 0.00	36.47 0.71 0.00	35.83 0.84 0.00	39.18 0.92 0.00	45.70 1.20 0.00	53.74 1.46 0.00	68.07 1.72 0.00	74.29 2.16 0.00	65.31 2.08 0.00	54.22 1.73 0.00	47.19 1.55 0.00	43.86 1.44 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.98 0.95 0.00	37.71 0.81 0.00	35.92 0.67 0.00	35.74 0.60 0.00	36.93 0.51 0.00	44.41 0.70 0.00	64.37 1.26 0.00	80.15 1.88 0.00	64.25 1.51 0.00	42.65 1.28 0.00	42.16 1.03 0.00	39.42 0.96 0.00	37.08 0.94 0.00	36.65 0.89 0.00	35.97 0.98 0.00	39.18 0.92 0.00	45.83 1.33 0.00	53.95 1.67 0.00	68.27 1.92 0.00	74.58 2.45 0.00	65.37 2.15 0.00	54.28 1.78 0.00	47.19 1.55 0.00	43.60 1.19 0.00
N.QUEENS_27_KV_LOAD 356247	39.78 1.75 -0.01	38.45 1.55 -0.01	36.63 1.37 -0.01	36.49 1.34 -0.01	37.63 1.20 -0.01	44.94 1.22 0.00	64.69 1.58 0.00	80.70 2.43 0.00	64.63 1.88 0.00	43.27 1.90 0.00	42.74 1.60 0.00	39.99 1.54 0.00	37.80 1.66 0.00	37.36 1.61 0.00	36.67 1.68 0.00	39.83 1.57 0.00	46.59 2.09 0.00	54.68 2.40 0.00	68.73 2.39 0.00	75.23 3.10 0.00	65.82 2.59 0.00	54.70 2.20 0.00	47.64 2.01 0.00	44.28 1.87 0.00
N.TROY___115KV_TB1 355778	39.17 1.14 0.00	37.89 1.00 0.00	36.13 0.88 0.00	36.02 0.88 0.00	37.29 0.87 0.00	44.81 1.09 0.00	64.88 1.77 0.00	80.38 2.11 0.00	64.31 1.57 0.00	42.36 0.99 0.00	42.00 0.86 0.00	39.34 0.88 0.00	36.93 0.79 0.00	36.51 0.75 0.00	35.83 0.84 0.00	39.30 1.03 0.00	45.83 1.33 0.00	53.89 1.62 0.00	68.40 2.06 0.00	74.51 2.38 0.00	65.50 2.28 0.00	54.38 1.89 0.00	47.37 1.73 0.00	44.07 1.65 0.00
NARROWS_GT1_1 24228	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NARROWS_GT1_2 24229	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NARROWS_GT1_3 24230	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NARROWS_GT1_4 24231	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06

NARROWS_GT1_5 24232	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NARROWS_GT1_6 24233	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NARROWS_GT1_7 24234	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NARROWS_GT1_8 24235	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NARROWS_GT2_1 24236	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NARROWS_GT2_2 24237	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NARROWS_GT2_3 24238	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NARROWS_GT2_4 24239	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NARROWS_GT2_5 24240	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NARROWS_GT2_6 24241	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NARROWS_GT2_7 24242	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NARROWS_GT2_8 24243	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.00 1.98 0.00	38.70 1.81 0.00	36.91 1.66 0.00	36.80 1.65 0.00	38.10 1.68 0.00	45.90 2.19 0.00	66.52 3.41 0.00	82.58 4.30 0.00	66.13 3.39 0.00	43.06 1.70 0.00	42.53 1.40 0.00	39.69 1.23 0.00	37.26 1.12 0.00	36.86 1.11 0.00	35.80 0.80 0.00	31.84 0.99 7.41	36.25 1.42 9.67	41.77 1.99 12.49	51.79 2.92 17.48	57.62 3.53 18.04	51.52 3.16 14.87	42.41 2.52 12.60	37.55 2.05 10.14	44.28 1.87 0.00
NCHELSEA_115KV_TR2 355582	39.55 1.52 0.00	38.26 1.37 0.00	36.41 1.16 0.00	36.27 1.12 0.00	37.44 1.02 0.00	45.15 1.44 0.00	65.57 2.46 0.00	81.71 3.44 0.00	65.44 2.70 0.00	43.18 1.82 0.00	42.62 1.48 0.00	39.80 1.35 0.00	37.22 1.08 0.00	36.72 0.97 0.00	35.90 0.91 0.00	39.14 0.88 0.00	45.83 1.33 0.00	54.05 1.78 0.00	68.40 2.06 0.00	74.72 2.60 0.00	66.00 2.78 0.00	54.91 2.41 0.00	47.69 2.05 0.00	44.07 1.65 0.00
NEG CAPITAL___MECHNVIL 23645	39.55 1.52 0.00	38.30 1.40 0.00	36.52 1.27 0.00	36.41 1.26 0.00	37.69 1.27 0.00	45.42 1.70 0.00	65.76 2.65 0.00	81.95 3.68 0.00	65.26 2.51 0.00	43.02 1.66 0.00	42.53 1.40 0.00	39.80 1.35 0.00	37.43 1.30 0.00	37.01 1.25 0.00	36.32 1.33 0.00	39.91 1.64 0.00	46.59 2.09 0.00	54.63 2.35 0.00	69.40 3.05 0.00	75.73 3.60 0.00	66.38 3.16 0.00	55.01 2.52 0.00	47.82 2.19 0.00	44.45 2.04 0.00

NEG CENTRAL_HIGH_ACRES 23767	36.58 -1.45 0.00	35.49 -1.40 0.00	34.12 -1.13 0.00	33.95 -1.20 0.00	35.25 -1.17 0.00	42.36 -1.36 0.00	60.02 -3.09 0.00	73.97 -4.30 0.00	59.61 -3.14 0.00	39.34 -2.03 0.00	39.20 -1.93 0.00	36.57 -1.88 0.00	34.37 -1.77 0.00	34.08 -1.68 0.00	33.21 -1.78 0.00	36.43 -1.84 0.00	42.23 -2.27 0.00	49.50 -2.77 0.00	63.29 -3.05 0.00	68.30 -3.82 0.00	59.62 -3.60 0.00	49.71 -2.78 0.00	43.17 -2.46 0.00	40.42 -1.99 0.00
NEG CENTRAL___DRP 24199	37.76 -0.27 0.00	36.64 -0.26 0.00	35.18 -0.07 0.00	35.00 -0.14 0.00	36.35 -0.07 0.00	43.67 -0.04 0.00	62.41 -0.69 0.00	77.10 -1.17 0.00	61.80 -0.94 0.00	40.79 -0.58 0.00	40.60 -0.53 0.00	37.84 -0.62 0.00	35.52 -0.61 0.00	35.18 -0.57 0.00	34.36 -0.63 0.00	37.61 -0.65 0.00	43.65 -0.85 0.00	51.33 -0.94 0.00	65.48 -0.86 0.00	71.05 -1.08 0.00	62.02 -1.20 0.00	51.65 -0.84 0.00	44.81 -0.82 0.00	41.87 -0.55 0.00
NEG CENTRAL___INDECK 23768	38.41 0.38 0.00	37.26 0.37 0.00	35.92 0.67 0.00	35.70 0.56 0.00	37.15 0.73 0.00	44.72 1.01 0.00	63.23 0.13 0.00	77.41 -0.86 0.00	61.87 -0.88 0.00	40.62 -0.74 0.00	40.19 -0.94 0.00	37.45 -1.00 0.00	35.05 -1.08 0.00	34.75 -1.00 0.00	33.87 -1.12 0.00	37.15 -1.11 0.00	43.30 -1.20 0.00	51.23 -1.05 0.00	66.01 -0.33 0.00	71.63 -0.50 0.00	62.59 -0.63 0.00	52.13 -0.36 0.00	45.13 -0.50 0.00	42.33 -0.08 0.00
NEG CENTRAL___SENECA 23627	37.99 -0.04 0.00	36.86 -0.04 0.00	35.39 0.14 0.00	35.25 0.11 0.00	36.60 0.18 0.00	44.02 0.31 0.00	62.60 -0.50 0.00	77.25 -1.02 0.00	61.87 -0.88 0.00	40.91 -0.46 0.00	40.64 -0.49 0.00	37.88 -0.58 0.00	35.52 -0.61 0.00	35.18 -0.57 0.00	34.36 -0.63 0.00	37.61 -0.65 0.00	43.74 -0.76 0.00	51.49 -0.78 0.00	65.68 -0.66 0.00	71.19 -0.94 0.00	62.08 -1.14 0.00	51.81 -0.68 0.00	44.90 -0.73 0.00	42.04 -0.38 0.00
NEG CENTRAL___STATE_STREET 24147	37.65 -0.38 0.00	36.53 -0.37 0.00	35.04 -0.21 0.00	34.86 -0.28 0.00	36.17 -0.25 0.00	43.45 -0.26 0.00	62.41 -0.69 0.00	77.33 -0.94 0.00	61.93 -0.82 0.00	40.87 -0.50 0.00	40.68 -0.45 0.00	37.99 -0.46 0.00	35.67 -0.47 0.00	35.33 -0.43 0.00	34.50 -0.49 0.00	37.77 -0.50 0.00	43.83 -0.67 0.00	51.44 -0.84 0.00	65.62 -0.73 0.00	71.26 -0.87 0.00	62.34 -0.89 0.00	51.71 -0.79 0.00	44.86 -0.78 0.00	41.82 -0.59 0.00
NEG MILLWOOD___DRP 24198	39.62 1.60 0.00	38.30 1.40 0.00	36.48 1.23 0.00	36.30 1.16 0.00	37.48 1.06 0.00	45.24 1.53 0.00	65.63 2.52 0.00	81.95 3.68 0.00	65.63 2.89 0.00	43.31 1.94 0.00	42.74 1.60 0.00	39.92 1.46 0.00	37.44 1.30 0.00	36.94 1.18 0.00	36.18 1.19 0.00	39.45 1.19 0.00	46.28 1.78 0.00	54.57 2.30 0.00	69.07 2.72 0.00	75.52 3.39 0.00	66.38 3.16 0.00	55.17 2.68 0.00	47.83 2.19 0.00	44.20 1.78 0.00
NEG NORTH_FLCN_SEA 23793	38.56 0.53 0.00	37.89 1.00 0.00	36.31 1.06 0.00	36.41 1.27 0.00	38.06 1.64 0.00	45.77 2.05 0.00	66.71 3.60 0.00	82.34 4.07 0.00	66.51 3.76 0.00	43.35 1.99 0.00	43.11 1.97 0.00	40.30 1.85 0.00	37.87 1.73 0.00	37.51 1.75 0.00	36.64 1.64 0.00	40.18 1.91 0.00	46.72 2.22 0.00	55.15 2.88 0.00	70.06 3.72 0.00	75.45 3.32 0.00	66.38 3.16 0.00	55.01 2.52 0.00	47.64 2.01 0.00	44.20 1.78 0.00
NEG NORTH_KES_CHATEGAY 23792	38.22 0.19 0.00	37.37 0.48 0.00	35.74 0.49 0.00	35.78 0.63 0.00	37.29 0.87 0.00	44.81 1.09 0.00	65.13 2.02 0.00	80.38 2.11 0.00	64.75 2.01 0.00	42.32 0.95 0.00	42.08 0.95 0.00	39.30 0.85 0.00	36.93 0.79 0.00	36.58 0.82 0.00	35.76 0.77 0.00	39.18 0.92 0.00	45.61 1.11 0.00	53.74 1.46 0.00	68.27 1.92 0.00	73.79 1.66 0.00	64.87 1.64 0.00	53.81 1.31 0.00	46.64 1.00 0.00	43.27 0.85 0.00
NEG NORTH___ALICE_FALLS 23915	38.71 0.68 0.00	38.00 1.11 0.00	36.38 1.13 0.00	36.44 1.30 0.00	38.17 1.75 0.00	45.90 2.19 0.00	66.90 3.79 0.00	82.50 4.23 0.00	66.70 3.95 0.00	43.39 2.03 0.00	43.15 2.02 0.00	40.30 1.85 0.00	37.87 1.73 0.00	37.54 1.79 0.00	36.67 1.68 0.00	40.21 1.95 0.00	46.77 2.27 0.00	55.25 2.98 0.00	70.19 3.85 0.00	75.59 3.46 0.00	66.57 3.35 0.00	55.17 2.68 0.00	47.78 2.14 0.00	44.24 1.82 0.00
NEG NORTH___LWR_SARANAC 23913	38.71 0.68 0.00	38.00 1.11 0.00	36.38 1.13 0.00	36.44 1.30 0.00	38.17 1.75 0.00	45.90 2.19 0.00	66.90 3.79 0.00	82.50 4.23 0.00	66.70 3.95 0.00	43.39 2.03 0.00	43.15 2.02 0.00	40.30 1.85 0.00	37.87 1.73 0.00	37.54 1.79 0.00	36.67 1.68 0.00	40.21 1.95 0.00	46.77 2.27 0.00	55.25 2.98 0.00	70.19 3.85 0.00	75.59 3.46 0.00	66.57 3.35 0.00	55.17 2.68 0.00	47.78 2.14 0.00	44.24 1.82 0.00
NEG NORTH___PLATTSBURG 23628	38.71 0.69 0.00	38.00 1.11 0.00	36.38 1.13 0.00	36.45 1.30 0.00	38.13 1.71 0.00	45.90 2.18 0.00	66.89 3.79 0.00	82.49 4.22 0.00	66.70 3.96 0.00	43.39 2.03 0.00	43.15 2.02 0.00	40.30 1.85 0.00	37.87 1.73 0.00	37.54 1.79 0.00	36.67 1.68 0.00	40.21 1.95 0.00	46.77 2.27 0.00	55.25 2.98 0.00	70.19 3.85 0.00	75.59 3.46 0.00	66.57 3.35 0.00	55.17 2.68 0.00	47.78 2.15 0.00	44.24 1.82 0.00
NEG WEST_LEA_LOCKPORT 23791	36.70 -1.33 0.00	35.68 -1.22 0.00	34.30 -0.95 0.00	34.09 -1.05 0.00	35.44 -0.98 0.00	42.58 -1.14 0.00	59.07 -4.04 0.00	71.93 -6.34 0.00	57.79 -4.96 0.00	38.51 -2.85 0.00	38.50 -2.63 0.00	35.76 -2.69 0.00	33.57 -2.57 0.00	33.32 -2.43 0.00	32.44 -2.55 0.00	35.51 -2.75 0.00	41.16 -3.34 0.00	48.09 -4.18 0.00	61.70 -4.64 0.00	66.14 -5.99 0.00	57.47 -5.75 0.00	48.30 -4.20 0.00	42.26 -3.38 0.00	40.13 -2.29 0.00
NEG WEST___LANCASTR 23811	37.88 -0.15 0.00	36.71 -0.18 0.00	35.32 0.07 0.00	35.07 -0.07 0.00	36.49 0.07 0.00	43.80 0.09 0.00	61.53 -1.58 0.00	74.67 -3.60 0.00	59.92 -2.82 0.00	39.92 -1.45 0.00	39.74 -1.40 0.00	36.96 -1.50 0.00	34.65 -1.48 0.00	34.43 -1.32 0.00	33.49 -1.50 0.00	36.58 -1.68 0.00	42.50 -2.00 0.00	49.76 -2.51 0.00	63.82 -2.52 0.00	68.67 -3.46 0.00	59.62 -3.60 0.00	50.03 -2.47 0.00	43.67 -1.96 0.00	41.53 -0.89 0.00
NEG_PENN_ALLEGHNY 23528	38.10 0.08 0.00	36.93 0.04 0.00	35.39 0.14 0.00	35.21 0.07 0.00	36.57 0.15 0.00	43.89 0.18 0.00	62.98 -0.13 0.00	77.80 -0.47 0.00	62.37 -0.37 0.00	41.16 -0.21 0.00	40.85 -0.29 0.00	38.15 -0.31 0.00	35.81 -0.33 0.00	35.47 -0.29 0.00	34.64 -0.35 0.00	37.92 -0.35 0.00	44.10 -0.40 0.00	51.85 -0.42 0.00	66.15 -0.20 0.00	71.63 -0.50 0.00	62.59 -0.63 0.00	52.07 -0.42 0.00	45.22 -0.41 0.00	42.29 -0.13 0.00
NEG___GEN_MONROE 24207	37.38 -0.65 0.00	36.30 -0.59 0.00	34.90 -0.35 0.00	34.72 -0.42 0.00	36.09 -0.33 0.00	43.36 -0.35 0.00	61.09 -2.02 0.00	75.22 -3.05 0.00	60.17 -2.57 0.00	39.71 -1.65 0.00	39.61 -1.52 0.00	36.88 -1.58 0.00	34.62 -1.52 0.00	34.32 -1.43 0.00	33.49 -1.50 0.00	36.66 -1.61 0.00	42.36 -2.14 0.00	49.92 -2.35 0.00	63.96 -2.39 0.00	69.17 -2.96 0.00	60.31 -2.91 0.00	50.34 -2.15 0.00	43.81 -1.83 0.00	41.23 -1.19 0.00

NEPA__ENERGY 23901	37.69 -0.34 0.00	36.56 -0.33 0.00	35.14 -0.11 0.00	34.90 -0.25 0.00	36.27 -0.15 0.00	43.58 -0.13 0.00	61.28 -1.83 0.00	74.44 -3.84 0.00	59.73 -3.01 0.00	39.83 -1.53 0.00	39.70 -1.44 0.00	36.88 -1.58 0.00	34.62 -1.52 0.00	34.32 -1.43 0.00	33.38 -1.61 0.00	36.46 -1.80 0.00	42.36 -2.14 0.00	49.71 -2.56 0.00	63.89 -2.45 0.00	68.74 -3.39 0.00	59.68 -3.54 0.00	50.03 -2.47 0.00	43.67 -1.96 0.00	41.44 -0.98 0.00
NEVERSINK__HYD 23608	39.74 1.71 0.00	38.44 1.55 0.00	36.66 1.41 0.00	36.48 1.34 0.00	37.69 1.27 0.00	45.46 1.75 0.00	65.95 2.84 0.00	82.18 3.91 0.00	65.88 3.14 0.00	43.35 1.99 0.00	42.74 1.60 0.00	39.80 1.35 0.00	37.33 1.19 0.00	36.86 1.11 0.00	36.18 1.19 0.00	38.98 1.30 0.58	45.65 1.91 0.76	53.85 2.56 0.98	68.35 3.38 1.37	74.82 4.11 1.42	65.66 3.60 1.17	54.44 2.94 0.99	47.35 2.51 0.80	44.58 2.16 0.00
NEWKRMKL_115KV_TB1 55635	39.24 1.22 0.00	38.00 1.11 0.00	36.24 0.99 0.00	36.13 0.98 0.00	37.37 0.95 0.00	44.94 1.22 0.00	65.00 1.89 0.00	80.70 2.43 0.00	64.75 2.01 0.00	42.61 1.24 0.00	42.25 1.11 0.00	39.57 1.12 0.00	37.18 1.05 0.00	36.76 1.00 0.00	35.87 0.87 0.00	39.22 0.96 0.00	45.70 1.20 0.00	53.74 1.46 0.00	68.14 1.79 0.00	74.29 2.16 0.00	65.18 1.96 0.00	54.12 1.63 0.00	47.05 1.41 0.00	43.73 1.31 0.00
NEWTON__FALLS_HYD 23847	37.76 -0.27 0.00	36.71 -0.18 0.00	35.04 -0.21 0.00	35.18 0.04 0.00	36.64 0.22 0.00	44.02 0.31 0.00	63.87 0.76 0.00	79.29 1.02 0.00	63.62 0.88 0.00	41.41 0.04 0.00	41.09 -0.04 0.00	38.38 -0.08 0.00	35.99 -0.14 0.00	35.65 -0.11 0.00	34.85 -0.14 0.00	38.22 -0.04 0.00	44.50 0.00 0.00	52.59 0.31 0.00	67.21 0.86 0.00	72.99 0.87 0.00	63.98 0.76 0.00	52.97 0.47 0.00	45.63 0.00 0.00	42.25 -0.17 0.00
NGRID_A1_DSASP 323792	36.24 -1.79 0.00	35.05 -1.84 0.00	33.84 -1.41 0.00	33.60 -1.55 0.00	34.96 -1.46 0.00	41.96 -1.75 0.00	58.06 -5.05 0.00	70.37 -7.90 0.00	56.78 -5.96 0.00	37.85 -3.52 0.00	37.84 -3.29 0.00	35.26 -3.19 0.00	33.14 -3.00 0.00	32.89 -2.86 0.00	31.95 -3.04 0.00	35.01 -3.25 0.00	40.58 -3.92 0.00	47.36 -4.92 0.00	60.71 -5.64 0.00	64.70 -7.43 0.00	56.39 -6.83 0.00	47.46 -5.04 0.00	41.62 -4.02 0.00	39.58 -2.84 0.00
NGRID_A2_DSASP 323793	36.24 -1.79 0.00	35.05 -1.84 0.00	33.84 -1.41 0.00	33.60 -1.55 0.00	34.96 -1.46 0.00	41.96 -1.75 0.00	58.06 -5.05 0.00	70.37 -7.90 0.00	56.78 -5.96 0.00	37.85 -3.52 0.00	37.84 -3.29 0.00	35.26 -3.19 0.00	33.14 -3.00 0.00	32.89 -2.86 0.00	31.95 -3.04 0.00	35.01 -3.25 0.00	40.58 -3.92 0.00	47.36 -4.92 0.00	60.71 -5.64 0.00	64.70 -7.43 0.00	56.39 -6.83 0.00	47.46 -5.04 0.00	41.62 -4.02 0.00	39.58 -2.84 0.00
NGRID_A4_DSASP 323807	36.24 -1.79 0.00	35.05 -1.84 0.00	33.84 -1.41 0.00	33.60 -1.55 0.00	34.96 -1.46 0.00	41.96 -1.75 0.00	58.06 -5.05 0.00	70.37 -7.90 0.00	56.78 -5.96 0.00	37.85 -3.52 0.00	37.84 -3.29 0.00	35.26 -3.19 0.00	33.14 -3.00 0.00	32.89 -2.86 0.00	31.95 -3.04 0.00	35.01 -3.25 0.00	40.58 -3.92 0.00	47.36 -4.92 0.00	60.71 -5.64 0.00	64.70 -7.43 0.00	56.39 -6.83 0.00	47.46 -5.04 0.00	41.62 -4.02 0.00	39.58 -2.84 0.00
NIAGARA_115E_LBMP 323715	36.13 -1.90 0.00	34.97 -1.92 0.00	33.77 -1.48 0.00	33.53 -1.62 0.00	34.89 -1.53 0.00	41.88 -1.83 0.00	58.00 -5.11 0.00	70.29 -7.98 0.00	56.72 -6.02 0.00	37.77 -3.60 0.00	37.76 -3.37 0.00	35.19 -3.27 0.00	33.03 -3.11 0.00	32.79 -2.97 0.00	31.88 -3.11 0.00	34.93 -3.33 0.00	40.49 -4.00 0.00	47.26 -5.02 0.00	60.64 -5.71 0.00	64.63 -7.50 0.00	56.33 -6.89 0.00	47.40 -5.09 0.00	41.53 -4.11 0.00	39.49 -2.93 0.00
NIAGARA_115W_LBMP 323714	36.16 -1.86 0.00	34.97 -1.92 0.00	33.77 -1.48 0.00	33.53 -1.62 0.00	34.89 -1.53 0.00	41.83 -1.88 0.00	57.93 -5.17 0.00	70.21 -8.06 0.00	56.66 -6.09 0.00	37.77 -3.60 0.00	37.76 -3.37 0.00	35.19 -3.27 0.00	33.06 -3.07 0.00	32.82 -2.93 0.00	31.88 -3.11 0.00	34.93 -3.33 0.00	40.49 -4.00 0.00	47.26 -5.02 0.00	60.57 -5.77 0.00	64.56 -7.57 0.00	56.27 -6.95 0.00	47.35 -5.14 0.00	41.53 -4.11 0.00	39.49 -2.93 0.00
NIAGARA_230_LBMP 323716	36.43 -1.60 0.00	35.27 -1.62 0.00	34.01 -1.23 0.00	33.81 -1.34 0.00	35.14 -1.28 0.00	42.18 -1.53 0.00	58.44 -4.67 0.00	70.91 -7.36 0.00	57.22 -5.52 0.00	38.14 -3.23 0.00	38.09 -3.04 0.00	35.53 -2.92 0.00	33.35 -2.78 0.00	33.11 -2.65 0.00	32.19 -2.80 0.00	35.28 -2.98 0.00	40.85 -3.65 0.00	47.73 -4.55 0.00	61.17 -5.17 0.00	65.20 -6.92 0.00	56.84 -6.38 0.00	47.82 -4.67 0.00	41.89 -3.74 0.00	39.83 -2.59 0.00
NIAGARA__115KV_198_GIBSON 55903	36.13 -1.90 0.00	35.12 -1.77 0.00	33.77 -1.48 0.00	33.56 -1.58 0.00	34.89 -1.53 0.00	41.88 -1.84 0.00	57.93 -5.17 0.00	70.44 -7.83 0.00	56.66 -6.09 0.00	37.81 -3.56 0.00	37.89 -3.25 0.00	35.22 -3.23 0.00	33.06 -3.07 0.00	32.82 -2.93 0.00	31.95 -3.04 0.00	34.93 -3.33 0.00	40.49 -4.00 0.00	47.26 -5.02 0.00	60.57 -5.77 0.00	64.84 -7.28 0.00	56.27 -6.95 0.00	47.35 -5.14 0.00	41.53 -4.11 0.00	39.49 -2.93 0.00
NIAGARA____ 23760	36.43 -1.60 0.00	35.27 -1.62 0.00	34.01 -1.23 0.00	33.81 -1.34 0.00	35.14 -1.28 0.00	42.18 -1.53 0.00	58.44 -4.67 0.00	70.91 -7.36 0.00	57.22 -5.52 0.00	38.14 -3.23 0.00	38.09 -3.04 0.00	35.53 -2.92 0.00	33.35 -2.78 0.00	33.11 -2.65 0.00	32.19 -2.80 0.00	35.28 -2.98 0.00	40.85 -3.65 0.00	47.73 -4.55 0.00	61.17 -5.17 0.00	65.20 -6.92 0.00	56.84 -6.38 0.00	47.82 -4.67 0.00	41.89 -3.74 0.00	39.83 -2.59 0.00
NINE_MILE_1 23575	36.66 -1.37 0.00	35.57 -1.33 0.00	34.09 -1.16 0.00	33.95 -1.20 0.00	35.18 -1.24 0.00	42.14 -1.57 0.00	60.58 -2.53 0.00	75.06 -3.21 0.00	60.17 -2.58 0.00	39.75 -1.61 0.00	39.69 -1.44 0.00	37.11 -1.35 0.00	34.87 -1.27 0.00	34.50 -1.25 0.00	33.73 -1.26 0.00	36.92 -1.34 0.00	42.72 -1.78 0.00	50.03 -2.25 0.00	63.56 -2.78 0.00	69.03 -3.10 0.00	60.44 -2.78 0.00	50.19 -2.31 0.00	43.67 -1.96 0.00	40.68 -1.74 0.00
NINE_MILE_2 23744	36.66 -1.37 0.00	35.57 -1.33 0.00	34.09 -1.16 0.00	33.95 -1.20 0.00	35.18 -1.24 0.00	42.14 -1.57 0.00	60.58 -2.53 0.00	75.06 -3.21 0.00	60.17 -2.58 0.00	39.75 -1.61 0.00	39.69 -1.44 0.00	37.11 -1.35 0.00	34.87 -1.27 0.00	34.50 -1.25 0.00	33.77 -1.23 0.00	36.92 -1.34 0.00	42.72 -1.78 0.00	50.03 -2.25 0.00	63.56 -2.78 0.00	69.03 -3.10 0.00	60.44 -2.78 0.00	50.19 -2.31 0.00	43.67 -1.96 0.00	40.68 -1.74 0.00
NM_CAPITAL__DRP 24208	39.17 1.14 0.00	37.93 1.03 0.00	36.17 0.92 0.00	36.02 0.88 0.00	37.29 0.87 0.00	44.76 1.05 0.00	64.75 1.64 0.00	80.38 2.11 0.00	64.44 1.69 0.00	42.48 1.12 0.00	42.16 1.03 0.00	39.49 1.04 0.00	37.08 0.94 0.00	36.65 0.89 0.00	35.83 0.84 0.00	39.18 0.92 0.00	45.66 1.16 0.00	53.69 1.41 0.00	68.00 1.66 0.00	74.08 1.95 0.00	65.06 1.83 0.00	54.07 1.57 0.00	47.00 1.37 0.00	43.73 1.31 0.00

NM_CENTRAL___DRP 24181	37.30 -0.72 0.00	36.19 -0.70 0.00	34.68 -0.56 0.00	34.55 -0.60 0.00	35.80 -0.62 0.00	42.93 -0.79 0.00	61.66 -1.45 0.00	76.55 -1.72 0.00	61.30 -1.44 0.00	40.45 -0.91 0.00	40.39 -0.74 0.00	37.72 -0.73 0.00	35.45 -0.69 0.00	35.08 -0.68 0.00	34.29 -0.70 0.00	37.54 -0.73 0.00	43.43 -1.07 0.00	50.91 -1.36 0.00	64.82 -1.53 0.00	70.40 -1.73 0.00	61.52 -1.71 0.00	51.13 -1.36 0.00	44.40 -1.23 0.00	41.40 -1.02 0.00
NM_FRONTIER___DRP 24179	36.13 -1.90 0.00	35.12 -1.77 0.00	33.77 -1.48 0.00	33.56 -1.58 0.00	34.89 -1.53 0.00	41.88 -1.84 0.00	57.93 -5.17 0.00	70.44 -7.83 0.00	56.66 -6.09 0.00	37.81 -3.56 0.00	37.89 -3.25 0.00	35.22 -3.23 0.00	33.06 -3.07 0.00	32.82 -2.93 0.00	31.95 -3.04 0.00	34.93 -3.33 0.00	40.49 -4.00 0.00	47.26 -5.02 0.00	60.57 -5.77 0.00	64.84 -7.28 0.00	56.27 -6.95 0.00	47.35 -5.14 0.00	41.53 -4.11 0.00	39.49 -2.93 0.00
NM_ST_REGIS___HYD 24053	38.14 0.11 0.00	37.19 0.30 0.00	35.46 0.21 0.00	35.53 0.39 0.00	37.08 0.66 0.00	44.54 0.83 0.00	64.81 1.70 0.00	79.99 1.72 0.00	64.50 1.76 0.00	41.90 0.54 0.00	41.63 0.49 0.00	38.92 0.46 0.00	36.53 0.40 0.00	36.18 0.43 0.00	35.38 0.38 0.00	38.76 0.50 0.00	45.12 0.62 0.00	53.32 1.05 0.00	67.87 1.53 0.00	73.35 1.23 0.00	64.61 1.39 0.00	53.54 1.05 0.00	46.32 0.68 0.00	42.88 0.47 0.00
NORTHPORT___1 23551	39.62 1.60 0.00	38.30 1.40 0.00	36.31 1.06 0.00	36.09 0.95 0.00	37.37 0.95 0.00	44.89 1.18 0.00	65.13 2.02 0.00	81.32 3.05 0.00	65.07 2.32 0.00	43.35 1.99 0.00	42.82 1.69 0.00	40.07 1.61 0.00	37.47 1.34 0.00	37.08 1.32 0.00	36.46 1.47 0.00	39.87 1.61 0.00	46.45 1.96 0.00	55.04 2.77 0.00	69.26 2.92 0.00	76.24 4.11 0.00	66.82 3.60 0.00	55.17 2.68 0.00	48.23 2.60 0.00	44.24 1.82 0.00
NORTHPORT___2 23552	39.62 1.60 0.00	38.30 1.40 0.00	36.31 1.06 0.00	36.09 0.95 0.00	37.37 0.95 0.00	44.89 1.18 0.00	65.13 2.02 0.00	81.32 3.05 0.00	65.07 2.32 0.00	43.35 1.99 0.00	42.82 1.69 0.00	40.07 1.61 0.00	37.47 1.34 0.00	37.08 1.32 0.00	36.46 1.47 0.00	39.87 1.61 0.00	46.45 1.96 0.00	55.04 2.77 0.00	69.26 2.92 0.00	76.24 4.11 0.00	66.82 3.60 0.00	55.17 2.68 0.00	48.23 2.60 0.00	44.24 1.82 0.00
NORTHPORT___3 23553	39.32 1.29 0.00	38.00 1.11 0.00	36.06 0.81 0.00	35.85 0.70 0.00	37.08 0.66 0.00	44.59 0.87 0.00	63.99 0.88 0.00	79.75 1.48 0.00	64.00 1.25 0.00	43.06 1.70 0.00	42.57 1.44 0.00	39.80 1.35 0.00	37.29 1.16 0.00	36.86 1.11 0.00	36.25 1.26 0.00	39.60 1.34 0.00	46.28 1.78 0.00	54.42 2.14 0.00	68.14 1.79 0.00	75.02 2.89 0.00	65.62 2.40 0.00	54.54 2.05 0.00	47.96 2.33 0.00	44.03 1.61 0.00
NORTHPORT___4 23650	39.32 1.29 0.00	38.00 1.11 0.00	36.06 0.81 0.00	35.85 0.70 0.00	37.08 0.66 0.00	44.59 0.87 0.00	63.99 0.88 0.00	79.75 1.48 0.00	64.00 1.25 0.00	43.06 1.70 0.00	42.57 1.44 0.00	39.80 1.35 0.00	37.29 1.16 0.00	36.86 1.11 0.00	36.25 1.26 0.00	39.60 1.34 0.00	46.28 1.78 0.00	54.42 2.14 0.00	68.14 1.79 0.00	75.02 2.89 0.00	65.62 2.40 0.00	54.54 2.05 0.00	47.96 2.33 0.00	44.03 1.61 0.00
NORTHPORT___IC 23718	39.55 1.52 0.00	38.15 1.25 0.00	36.31 1.06 0.00	36.09 0.95 0.00	37.33 0.91 0.00	44.89 1.18 0.00	65.13 2.02 0.00	81.48 3.21 0.00	65.07 2.32 0.00	43.56 2.19 0.00	42.82 1.69 0.00	40.07 1.62 0.00	37.55 1.41 0.00	37.11 1.36 0.00	36.50 1.50 0.00	39.91 1.65 0.00	46.50 2.00 0.00	55.04 2.77 0.00	69.33 2.99 0.00	76.24 4.11 0.00	66.89 3.67 0.00	55.12 2.62 0.00	48.19 2.56 0.00	44.16 1.74 0.00
NORTH___COUNTRY_ESR 323785	38.10 0.08 0.00	37.26 0.37 0.00	35.64 0.39 0.00	35.67 0.53 0.00	37.19 0.77 0.00	44.67 0.96 0.00	64.87 1.76 0.00	80.23 1.96 0.00	64.57 1.82 0.00	42.23 0.87 0.00	42.00 0.87 0.00	39.26 0.81 0.00	36.90 0.76 0.00	36.54 0.79 0.00	35.73 0.74 0.00	39.10 0.84 0.00	45.52 1.02 0.00	53.63 1.36 0.00	68.07 1.72 0.00	73.57 1.44 0.00	64.68 1.46 0.00	53.65 1.15 0.00	46.50 0.86 0.00	43.14 0.72 0.00
NPX_GEN_1385_PROXY 323591	39.32 1.29 0.00	38.04 1.14 0.00	36.06 0.81 0.00	35.85 0.70 0.00	37.37 0.95 0.00	44.59 0.87 0.00	66.15 2.02 -1.03	80.29 3.05 1.03	62.69 2.32 2.38	45.72 1.99 -2.38	42.82 1.69 0.00	40.07 1.61 0.00	37.47 1.34 0.00	37.08 1.32 0.00	36.46 1.47 0.00	39.64 1.38 0.00	46.05 1.56 0.00	54.68 2.41 0.00	68.47 2.12 0.00	75.38 3.25 0.00	66.38 3.16 0.00	54.60 2.10 0.00	47.92 2.28 0.00	43.77 1.36 0.00
NPX_GEN_CSC 323557	39.13 1.10 0.00	38.00 1.11 0.00	35.74 0.49 0.00	35.46 0.32 0.00	36.71 0.29 0.00	44.10 0.39 0.00	65.02 0.88 -1.03	79.12 1.88 1.03	61.06 0.69 2.38	44.52 0.78 -2.38	41.79 0.66 0.00	39.18 0.73 0.00	36.35 0.22 0.00	36.01 0.25 0.00	35.48 0.49 0.00	39.22 0.96 0.00	45.34 0.84 0.00	54.10 1.83 0.00	68.14 1.79 0.00	75.23 3.10 0.00	66.32 3.10 0.00	54.07 1.57 0.00	47.28 1.64 0.00	43.26 0.85 0.00
NSINS_S___GLNS_FALLS 23858	39.40 1.37 0.00	38.22 1.33 0.00	36.41 1.16 0.00	36.34 1.19 0.00	37.66 1.24 0.00	45.50 1.79 0.00	65.89 2.78 0.00	82.18 3.91 0.00	65.69 2.95 0.00	42.77 1.41 0.00	42.00 0.86 0.00	39.34 0.88 0.00	37.04 0.90 0.00	36.65 0.89 0.00	35.94 0.94 0.00	39.53 1.26 0.00	46.19 1.69 0.00	54.52 2.25 0.00	69.40 3.05 0.00	75.95 3.82 0.00	66.38 3.16 0.00	55.01 2.52 0.00	48.92 3.29 0.00	45.51 3.10 0.00
NUCOR_STEEL___DRP 24197	37.80 -0.23 0.00	36.67 -0.22 0.00	35.18 -0.07 0.00	35.00 -0.14 0.00	36.31 -0.11 0.00	43.58 -0.13 0.00	62.54 -0.57 0.00	77.57 -0.70 0.00	62.05 -0.69 0.00	40.91 -0.46 0.00	40.76 -0.37 0.00	38.03 -0.42 0.00	35.70 -0.43 0.00	35.36 -0.39 0.00	34.57 -0.42 0.00	37.80 -0.46 0.00	43.88 -0.62 0.00	51.49 -0.78 0.00	65.75 -0.60 0.00	71.41 -0.72 0.00	62.40 -0.82 0.00	51.81 -0.68 0.00	45.00 -0.64 0.00	41.95 -0.47 0.00
NUMBER_THREE_WT_PWR 323818	38.07 0.04 0.00	36.89 0.00 0.00	35.25 0.00 0.00	35.57 0.42 0.00	36.93 0.51 0.00	44.41 0.70 0.00	64.37 1.26 0.00	80.23 1.96 0.00	64.12 1.38 0.00	41.78 0.41 0.00	41.42 0.29 0.00	38.69 0.23 0.00	36.28 0.15 0.00	35.93 0.18 0.00	35.17 0.18 0.00	38.53 0.27 0.00	44.85 0.35 0.00	53.11 0.83 0.00	67.93 1.59 0.00	74.00 1.87 0.00	64.68 1.46 0.00	53.54 1.05 0.00	45.86 0.23 0.00	42.42 0.00 0.00
NYISO_LBMP_REFERENCE 24008	38.03 0.00 0.00	36.89 0.00 0.00	35.25 0.00 0.00	35.14 0.00 0.00	36.42 0.00 0.00	43.71 0.00 0.00	63.11 0.00 0.00	78.27 0.00 0.00	62.74 0.00 0.00	41.36 0.00 0.00	41.13 0.00 0.00	38.46 0.00 0.00	36.14 0.00 0.00	35.76 0.00 0.00	34.99 0.00 0.00	38.26 0.00 0.00	44.50 0.00 0.00	52.27 0.00 0.00	66.35 0.00 0.00	72.13 0.00 0.00	63.22 0.00 0.00	52.49 0.00 0.00	45.63 0.00 0.00	42.42 0.00 0.00

NYPA_BRENTWD____GT 24164	40.16 2.13 0.00	38.77 1.88 0.00	36.76 1.51 0.00	36.55 1.41 0.00	37.80 1.38 0.00	45.51 1.79 0.00	66.08 2.97 0.00	82.57 4.30 0.00	66.07 3.32 0.00	43.93 2.57 0.00	43.35 2.22 0.00	40.53 2.08 0.00	37.91 1.77 0.00	37.47 1.72 0.00	36.85 1.85 0.00	40.33 2.06 0.00	47.08 2.58 0.00	55.88 3.60 0.00	70.46 4.11 0.00	77.68 5.55 0.00	67.97 4.74 0.00	56.07 3.57 0.00	48.96 3.33 0.00	44.88 2.46 0.00
NYPA_GOWANUS____GT5 24156	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NYPA_GOWANUS____GT6 24157	39.94 1.90 -0.01	56.96 1.77 -18.29	36.77 1.51 -0.01	36.59 1.44 -0.01	37.78 1.35 -0.01	45.29 1.57 -0.01	65.38 2.27 0.00	81.56 3.29 0.00	65.19 2.44 0.00	57.76 2.23 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.69 1.84 -19.71	57.69 1.82 -20.11	57.68 1.89 -20.80	58.52 1.87 -18.39	60.74 2.49 -13.75	62.01 2.87 -6.87	69.20 2.85 0.00	75.73 3.60 0.00	66.26 3.03 0.00	62.01 2.78 -6.74	59.37 2.55 -11.18	57.76 2.29 -13.06
NYPA_HARLEM__RVR__GT1 24160	39.67 1.63 -0.01	38.42 1.51 -0.01	36.56 1.30 -0.01	36.42 1.26 -0.01	37.56 1.13 -0.01	44.85 1.13 0.00	64.62 1.51 0.00	80.53 2.27 0.01	64.56 1.82 0.01	43.09 1.74 0.01	42.65 1.52 0.01	39.87 1.42 0.01	37.61 1.48 0.01	37.21 1.47 0.01	36.52 1.54 0.01	39.67 1.42 0.01	46.45 1.96 0.01	54.51 2.25 0.01	68.52 2.19 0.01	75.01 2.89 0.01	65.62 2.40 0.01	54.59 2.10 0.01	47.69 2.06 0.00	44.28 1.86 0.00
NYPA_HARLEM__RVR__GT2 24161	39.67 1.63 -0.01	38.42 1.51 -0.01	36.56 1.30 -0.01	36.42 1.26 -0.01	37.56 1.13 -0.01	44.85 1.13 0.00	64.62 1.51 0.00	80.53 2.27 0.01	64.56 1.82 0.01	43.09 1.74 0.01	42.65 1.52 0.01	39.87 1.42 0.01	37.61 1.48 0.01	37.21 1.47 0.01	36.52 1.54 0.01	39.67 1.42 0.01	46.45 1.96 0.01	54.51 2.25 0.01	68.52 2.19 0.01	75.01 2.89 0.01	65.62 2.40 0.01	54.59 2.10 0.01	47.69 2.06 0.00	44.28 1.86 0.00
NYPA_KENT____GT 24152	39.79 1.75 -0.01	47.66 1.62 -9.15	36.63 1.37 -0.01	36.45 1.30 -0.01	37.63 1.20 -0.01	45.11 1.40 0.00	65.19 2.08 0.00	81.24 2.97 0.00	65.07 2.32 0.00	64.67 2.07 -21.24	64.90 1.85 -21.91	66.29 1.73 -26.10	67.40 1.70 -29.57	67.60 1.68 -30.16	67.95 1.75 -31.20	67.56 1.72 -27.57	67.42 2.31 -20.61	65.28 2.72 -10.29	69.07 2.72 0.00	75.59 3.46 0.00	66.13 2.91 0.00	65.16 2.57 -10.10	64.83 2.42 -16.78	64.11 2.12 -19.58
NYPA_POUCH1____GT 24155	39.86 1.83 -0.01	56.88 1.70 -18.29	36.74 1.48 -0.01	36.56 1.41 -0.01	37.70 1.27 -0.01	45.25 1.53 -0.01	65.13 2.02 0.00	81.17 2.90 0.00	64.88 2.13 0.00	57.67 2.15 -14.16	57.68 1.93 -14.61	57.67 1.81 -17.40	57.62 1.77 -19.71	57.62 1.75 -20.11	57.61 1.82 -20.80	58.45 1.80 -18.39	60.65 2.40 -13.75	61.91 2.77 -6.87	68.80 2.46 0.00	75.38 3.25 0.00	65.94 2.72 0.00	61.86 2.62 -6.74	59.28 2.46 -11.18	57.68 2.20 -13.06
NYPA_VERNON____GT2 24162	39.63 1.60 -0.01	38.38 1.48 -0.01	36.49 1.23 -0.01	36.31 1.16 -0.01	37.48 1.06 -0.01	44.93 1.22 0.00	64.94 1.83 0.00	81.01 2.74 0.00	64.88 2.13 0.00	43.27 1.90 0.00	42.82 1.69 0.00	40.07 1.61 0.00	37.72 1.59 0.00	37.29 1.54 0.00	36.64 1.65 0.00	39.83 1.57 0.00	46.63 2.14 0.00	54.78 2.51 0.00	68.87 2.52 0.00	75.38 3.25 0.00	65.94 2.72 0.00	54.86 2.36 0.00	47.87 2.24 0.00	44.37 1.95 0.00
NYPA_VERNON____GT3 24163	39.63 1.60 -0.01	38.38 1.48 -0.01	36.49 1.23 -0.01	36.31 1.16 -0.01	37.48 1.06 -0.01	44.93 1.22 0.00	64.94 1.83 0.00	81.01 2.74 0.00	64.88 2.13 0.00	43.27 1.90 0.00	42.82 1.69 0.00	40.07 1.61 0.00	37.72 1.59 0.00	37.29 1.54 0.00	36.64 1.65 0.00	39.83 1.57 0.00	46.63 2.14 0.00	54.78 2.51 0.00	68.87 2.52 0.00	75.38 3.25 0.00	65.94 2.72 0.00	54.86 2.36 0.00	47.87 2.24 0.00	44.37 1.95 0.00
NYPA__ASTORIA_CC1 323568	39.63 1.60 -0.01	38.38 1.48 -0.01	36.52 1.27 -0.01	36.35 1.20 -0.01	37.48 1.06 -0.01	44.93 1.22 0.00	64.87 1.76 0.00	80.85 2.58 0.00	64.81 2.07 0.00	43.27 1.90 0.00	42.82 1.69 0.00	40.03 1.58 0.00	37.69 1.55 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.79 1.53 0.00	46.59 2.09 0.00	54.73 2.46 0.00	68.80 2.46 0.00	75.30 3.17 0.00	65.88 2.65 0.00	54.80 2.31 0.00	47.82 2.19 0.00	44.37 1.95 0.00
NYPA__ASTORIA_CC2 323569	39.63 1.60 -0.01	38.38 1.48 -0.01	36.52 1.27 -0.01	36.35 1.20 -0.01	37.48 1.06 -0.01	44.93 1.22 0.00	64.87 1.76 0.00	80.85 2.58 0.00	64.81 2.07 0.00	43.27 1.90 0.00	42.82 1.69 0.00	40.03 1.58 0.00	37.69 1.55 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.79 1.53 0.00	46.59 2.09 0.00	54.73 2.46 0.00	68.80 2.46 0.00	75.30 3.17 0.00	65.88 2.65 0.00	54.80 2.31 0.00	47.82 2.19 0.00	44.37 1.95 0.00
NYPA__HOLTSVILL 23794	39.55 1.52 0.00	38.26 1.37 0.00	36.23 0.99 0.00	35.99 0.84 0.00	37.22 0.80 0.00	44.72 1.01 0.00	64.87 1.76 0.00	81.08 2.81 0.00	64.69 1.95 0.00	43.06 1.70 0.00	42.57 1.44 0.00	39.84 1.38 0.00	37.22 1.08 0.00	36.83 1.07 0.00	36.25 1.26 0.00	39.75 1.49 0.00	46.28 1.78 0.00	54.94 2.66 0.00	69.20 2.85 0.00	76.24 4.11 0.00	66.89 3.67 0.00	55.01 2.52 0.00	48.10 2.46 0.00	44.07 1.65 0.00
NYPA__HELLGATE_GT1 24158	39.67 1.63 -0.01	38.42 1.51 -0.01	36.56 1.30 -0.01	36.42 1.26 -0.01	37.56 1.13 -0.01	44.85 1.13 0.00	64.62 1.51 0.00	80.53 2.27 0.01	64.56 1.82 0.01	43.09 1.74 0.01	42.65 1.52 0.01	39.87 1.42 0.01	37.61 1.48 0.01	37.21 1.47 0.01	36.52 1.54 0.01	39.67 1.42 0.01	46.45 1.96 0.01	54.51 2.25 0.01	68.52 2.19 0.01	75.01 2.89 0.01	65.62 2.40 0.01	54.59 2.10 0.01	47.69 2.06 0.00	44.28 1.86 0.00
NYPA__HELLGATE_GT2 24159	39.67 1.63 -0.01	38.42 1.51 -0.01	36.56 1.30 -0.01	36.42 1.26 -0.01	37.56 1.13 -0.01	44.85 1.13 0.00	64.62 1.51 0.00	80.53 2.27 0.01	64.56 1.82 0.01	43.09 1.74 0.01	42.65 1.52 0.01	39.87 1.42 0.01	37.61 1.48 0.01	37.21 1.47 0.01	36.52 1.54 0.01	39.67 1.42 0.01	46.45 1.96 0.01	54.51 2.25 0.01	68.52 2.19 0.01	75.01 2.89 0.01	65.62 2.40 0.01	54.59 2.10 0.01	47.69 2.06 0.00	44.28 1.86 0.00
NYS_BARGE__HYD 23848	36.70 -1.33 0.00	35.53 -1.36 0.00	34.30 -0.95 0.00	34.05 -1.09 0.00	35.44 -0.98 0.00	42.58 -1.14 0.00	59.07 -4.04 0.00	71.70 -6.57 0.00	57.85 -4.89 0.00	38.47 -2.90 0.00	38.38 -2.76 0.00	35.76 -2.69 0.00	33.57 -2.56 0.00	33.36 -2.40 0.00	32.40 -2.59 0.00	35.51 -2.76 0.00	41.16 -3.34 0.00	48.14 -4.13 0.00	61.77 -4.58 0.00	65.92 -6.20 0.00	57.53 -5.69 0.00	48.35 -4.15 0.00	42.26 -3.38 0.00	40.13 -2.29 0.00

OAK ORCHARD___HYD 24046	37.11 -0.91 0.00	35.97 -0.92 0.00	34.62 -0.63 0.00	34.40 -0.74 0.00	35.77 -0.65 0.00	42.93 -0.79 0.00	60.58 -2.53 0.00	74.44 -3.83 0.00	59.99 -2.76 0.00	39.63 -1.74 0.00	39.53 -1.60 0.00	36.88 -1.58 0.00	34.65 -1.48 0.00	34.36 -1.40 0.00	33.49 -1.50 0.00	36.73 -1.53 0.00	42.59 -1.91 0.00	49.92 -2.35 0.00	63.76 -2.59 0.00	68.74 -3.39 0.00	60.00 -3.22 0.00	50.08 -2.41 0.00	43.58 -2.05 0.00	40.93 -1.49 0.00
OAKDALE___35_KV_LOAD 356122	37.99 -0.04 0.00	36.86 -0.04 0.00	35.28 0.04 0.00	35.14 0.00 0.00	36.42 0.00 0.00	43.76 0.04 0.00	62.73 -0.38 0.00	77.49 -0.78 0.00	62.05 -0.69 0.00	40.99 -0.37 0.00	40.76 -0.37 0.00	38.03 -0.42 0.00	35.74 -0.40 0.00	35.36 -0.39 0.00	34.57 -0.42 0.00	37.80 -0.46 0.00	43.96 -0.53 0.00	51.65 -0.63 0.00	65.81 -0.53 0.00	71.41 -0.72 0.00	62.40 -0.82 0.00	51.86 -0.63 0.00	45.09 -0.55 0.00	42.16 -0.25 0.00
OCC_CHEM___DRP 24175	36.24 -1.79 0.00	35.20 -1.70 0.00	33.84 -1.41 0.00	33.63 -1.51 0.00	34.96 -1.46 0.00	41.96 -1.75 0.00	58.06 -5.05 0.00	70.60 -7.67 0.00	56.78 -5.96 0.00	37.89 -3.47 0.00	37.97 -3.17 0.00	35.30 -3.15 0.00	33.14 -3.00 0.00	32.89 -2.86 0.00	32.02 -2.97 0.00	35.01 -3.25 0.00	40.58 -3.92 0.00	47.36 -4.91 0.00	60.71 -5.64 0.00	64.99 -7.14 0.00	56.39 -6.83 0.00	47.46 -5.04 0.00	41.62 -4.02 0.00	39.58 -2.84 0.00
OH_GEN_PROXY 24063	36.47 -1.56 0.00	35.31 -1.59 0.00	34.05 -1.20 0.00	33.81 -1.34 0.00	35.14 -1.28 0.00	42.18 -1.53 0.00	59.59 -4.54 -1.03	70.04 -7.20 1.03	54.97 -5.40 2.38	40.59 -3.15 -2.38	38.17 -2.96 0.00	35.61 -2.85 0.00	33.43 -2.71 0.00	33.18 -2.57 0.00	32.26 -2.73 0.00	35.35 -2.91 0.00	40.94 -3.56 0.00	47.83 -4.44 0.00	61.30 -5.04 0.00	65.42 -6.71 0.00	57.03 -6.19 0.00	47.98 -4.51 0.00	41.98 -3.65 0.00	39.91 -2.50 0.00
OLIN_CORP_DRP 24177	36.24 -1.79 0.00	35.20 -1.70 0.00	33.84 -1.41 0.00	33.63 -1.51 0.00	34.96 -1.46 0.00	41.96 -1.75 0.00	58.12 -4.99 0.00	70.76 -7.51 0.00	56.85 -5.90 0.00	37.93 -3.43 0.00	37.97 -3.17 0.00	35.30 -3.15 0.00	33.14 -3.00 0.00	32.89 -2.86 0.00	32.02 -2.97 0.00	35.01 -3.25 0.00	40.58 -3.92 0.00	47.36 -4.91 0.00	60.77 -5.57 0.00	65.06 -7.07 0.00	56.52 -6.70 0.00	47.56 -4.93 0.00	41.62 -4.02 0.00	39.58 -2.84 0.00
OLIN_CORP_DSASP 323712	36.24 -1.79 0.00	35.05 -1.84 0.00	33.84 -1.41 0.00	33.60 -1.55 0.00	34.96 -1.46 0.00	41.96 -1.75 0.00	58.06 -5.05 0.00	70.37 -7.90 0.00	56.78 -5.96 0.00	37.85 -3.52 0.00	37.84 -3.29 0.00	35.26 -3.19 0.00	33.14 -3.00 0.00	32.89 -2.86 0.00	31.95 -3.04 0.00	35.01 -3.25 0.00	40.58 -3.92 0.00	47.36 -4.92 0.00	60.71 -5.64 0.00	64.70 -7.43 0.00	56.39 -6.83 0.00	47.46 -5.04 0.00	41.62 -4.02 0.00	39.58 -2.84 0.00
ONEIDA_HERK_LFGE 323681	38.60 0.57 0.00	37.41 0.52 0.00	35.71 0.46 0.00	35.81 0.67 0.00	37.15 0.73 0.00	44.63 0.92 0.00	64.62 1.51 0.00	80.54 2.27 0.00	64.50 1.75 0.00	42.19 0.83 0.00	41.83 0.70 0.00	39.11 0.65 0.00	36.68 0.54 0.00	36.33 0.57 0.00	35.55 0.56 0.00	38.91 0.65 0.00	45.34 0.84 0.00	53.53 1.25 0.00	68.20 1.86 0.00	74.22 2.09 0.00	64.86 1.64 0.00	53.75 1.26 0.00	46.36 0.73 0.00	43.01 0.59 0.00
ONEIDA___115KV_TB4 55905	38.90 0.87 0.00	37.67 0.77 0.00	36.02 0.78 0.00	35.95 0.81 0.00	37.29 0.87 0.00	44.81 1.09 0.00	64.69 1.58 0.00	80.54 2.27 0.00	64.50 1.76 0.00	42.27 0.91 0.00	42.00 0.86 0.00	39.22 0.77 0.00	36.79 0.65 0.00	36.43 0.68 0.00	35.66 0.66 0.00	39.07 0.80 0.00	45.48 0.98 0.00	53.58 1.31 0.00	68.27 1.92 0.00	74.22 2.09 0.00	64.80 1.58 0.00	53.75 1.26 0.00	46.55 0.91 0.00	43.27 0.85 0.00
ONONDAGA_REF_OCCRA 23987	37.50 -0.53 0.00	36.34 -0.55 0.00	34.83 -0.42 0.00	34.69 -0.46 0.00	35.95 -0.47 0.00	43.10 -0.61 0.00	61.97 -1.14 0.00	76.94 -1.33 0.00	61.62 -1.13 0.00	40.66 -0.70 0.00	40.52 -0.62 0.00	37.88 -0.58 0.00	35.56 -0.58 0.00	35.22 -0.54 0.00	34.43 -0.56 0.00	37.65 -0.61 0.00	43.65 -0.85 0.00	51.18 -1.10 0.00	65.22 -1.13 0.00	70.83 -1.30 0.00	61.90 -1.33 0.00	51.39 -1.10 0.00	44.63 -1.00 0.00	41.61 -0.81 0.00
ONONDAGA___COGEN 23986	37.53 -0.49 0.00	36.41 -0.48 0.00	34.90 -0.35 0.00	34.76 -0.39 0.00	36.02 -0.40 0.00	43.19 -0.52 0.00	62.10 -1.01 0.00	77.02 -1.25 0.00	61.68 -1.07 0.00	40.70 -0.66 0.00	40.60 -0.53 0.00	37.92 -0.54 0.00	35.59 -0.54 0.00	35.25 -0.50 0.00	34.47 -0.52 0.00	37.69 -0.57 0.00	43.65 -0.85 0.00	51.23 -1.05 0.00	65.28 -1.06 0.00	70.83 -1.30 0.00	61.96 -1.26 0.00	51.44 -1.05 0.00	44.68 -0.96 0.00	41.65 -0.76 0.00
ONTARIO___LFGE 23819	37.99 -0.04 0.00	36.82 -0.07 0.00	35.39 0.14 0.00	35.21 0.07 0.00	36.60 0.18 0.00	44.02 0.31 0.00	62.60 -0.51 0.00	77.02 -1.26 0.00	61.87 -0.88 0.00	40.87 -0.49 0.00	40.56 -0.58 0.00	37.88 -0.58 0.00	35.52 -0.61 0.00	35.18 -0.57 0.00	34.33 -0.67 0.00	37.61 -0.65 0.00	43.74 -0.76 0.00	51.49 -0.78 0.00	65.68 -0.66 0.00	71.12 -1.01 0.00	62.09 -1.14 0.00	51.81 -0.68 0.00	44.90 -0.73 0.00	42.03 -0.38 0.00
ORANGEVILLE_WT_PWR 323706	37.15 -0.87 0.00	35.97 -0.92 0.00	34.72 -0.53 0.00	34.51 -0.63 0.00	35.87 -0.55 0.00	43.06 -0.65 0.00	60.33 -2.78 0.00	73.42 -4.85 0.00	58.92 -3.83 0.00	38.96 -2.40 0.00	38.75 -2.39 0.00	36.19 -2.27 0.00	33.97 -2.17 0.00	33.61 -2.14 0.00	32.68 -2.31 0.00	35.78 -2.49 0.00	41.65 -2.85 0.00	48.82 -3.45 0.00	62.57 -3.78 0.00	67.30 -4.83 0.00	58.74 -4.49 0.00	49.24 -3.25 0.00	42.94 -2.69 0.00	40.64 -1.78 0.00
ORANGEVILLE___ESR 323794	37.15 -0.87 0.00	35.97 -0.92 0.00	34.72 -0.53 0.00	34.51 -0.63 0.00	35.87 -0.55 0.00	43.06 -0.65 0.00	60.33 -2.78 0.00	73.42 -4.85 0.00	58.92 -3.83 0.00	38.96 -2.40 0.00	38.75 -2.39 0.00	36.19 -2.27 0.00	33.97 -2.17 0.00	33.61 -2.14 0.00	32.68 -2.31 0.00	35.78 -2.49 0.00	41.65 -2.85 0.00	48.82 -3.45 0.00	62.57 -3.78 0.00	67.30 -4.83 0.00	58.74 -4.49 0.00	49.24 -3.25 0.00	42.94 -2.69 0.00	40.64 -1.78 0.00
OSWEGATCHIE___HYD 24044	37.76 -0.26 0.00	36.71 -0.18 0.00	35.04 -0.21 0.00	35.18 0.04 0.00	36.64 0.22 0.00	44.02 0.31 0.00	63.87 0.76 0.00	79.29 1.01 0.00	63.62 0.88 0.00	41.41 0.04 0.00	41.05 -0.08 0.00	38.38 -0.08 0.00	35.99 -0.14 0.00	35.65 -0.11 0.00	34.85 -0.14 0.00	38.22 -0.04 0.00	44.50 0.00 0.00	52.59 0.32 0.00	67.21 0.86 0.00	73.00 0.87 0.00	63.98 0.76 0.00	52.97 0.47 0.00	45.63 0.00 0.00	42.25 -0.17 0.00
OSWEGO___5 23606	36.96 -1.06 0.00	35.82 -1.07 0.00	34.33 -0.92 0.00	34.20 -0.95 0.00	35.44 -0.98 0.00	42.49 -1.22 0.00	61.03 -2.08 0.00	75.61 -2.66 0.00	60.68 -2.07 0.00	40.04 -1.33 0.00	39.94 -1.19 0.00	37.34 -1.12 0.00	35.09 -1.05 0.00	34.72 -1.04 0.00	33.94 -1.05 0.00	37.15 -1.11 0.00	43.03 -1.47 0.00	50.39 -1.88 0.00	64.09 -2.26 0.00	69.60 -2.53 0.00	60.88 -2.34 0.00	50.61 -1.89 0.00	43.99 -1.64 0.00	41.02 -1.40 0.00

OSWEGO___6 23613	36.96 -1.06 0.00	35.82 -1.07 0.00	34.33 -0.92 0.00	34.20 -0.95 0.00	35.44 -0.98 0.00	42.49 -1.22 0.00	61.03 -2.08 0.00	75.61 -2.66 0.00	60.68 -2.07 0.00	40.04 -1.33 0.00	39.94 -1.19 0.00	37.34 -1.12 0.00	35.09 -1.05 0.00	34.72 -1.04 0.00	33.94 -1.05 0.00	37.15 -1.11 0.00	43.03 -1.47 0.00	50.39 -1.88 0.00	64.09 -2.26 0.00	69.60 -2.53 0.00	60.88 -2.34 0.00	50.61 -1.89 0.00	43.99 -1.64 0.00	41.02 -1.40 0.00
OUTOKUMPU-AB___DRP 24206	37.15 -0.87 0.00	36.05 -0.85 0.00	34.68 -0.56 0.00	34.48 -0.67 0.00	35.84 -0.58 0.00	43.06 -0.66 0.00	59.83 -3.28 0.00	72.87 -5.40 0.00	58.60 -4.14 0.00	39.01 -2.36 0.00	39.04 -2.10 0.00	36.26 -2.19 0.00	34.00 -2.13 0.00	33.79 -1.97 0.00	32.86 -2.13 0.00	35.93 -2.33 0.00	41.69 -2.80 0.00	48.72 -3.55 0.00	62.50 -3.85 0.00	67.01 -5.12 0.00	58.17 -5.06 0.00	48.87 -3.62 0.00	42.76 -2.87 0.00	40.59 -1.82 0.00
OXBOW___BTM 323836	36.62 -1.41 0.00	35.42 -1.48 0.00	34.19 -1.06 0.00	33.99 -1.16 0.00	35.33 -1.09 0.00	42.44 -1.27 0.00	58.88 -4.23 0.00	71.38 -6.89 0.00	57.66 -5.08 0.00	38.35 -3.02 0.00	38.34 -2.80 0.00	35.73 -2.73 0.00	33.53 -2.60 0.00	33.32 -2.43 0.00	32.33 -2.66 0.00	35.43 -2.83 0.00	41.07 -3.43 0.00	47.99 -4.29 0.00	61.57 -4.78 0.00	65.64 -6.49 0.00	57.22 -6.01 0.00	48.14 -4.36 0.00	42.12 -3.51 0.00	40.04 -2.37 0.00
OXBOW___ 24026	36.62 -1.41 0.00	35.57 -1.33 0.00	34.23 -1.02 0.00	33.98 -1.16 0.00	35.36 -1.06 0.00	42.44 -1.27 0.00	58.88 -4.23 0.00	71.70 -6.57 0.00	57.60 -5.15 0.00	38.43 -2.94 0.00	38.46 -2.67 0.00	35.72 -2.73 0.00	33.53 -2.60 0.00	33.32 -2.43 0.00	32.40 -2.59 0.00	35.43 -2.83 0.00	41.07 -3.43 0.00	47.99 -4.29 0.00	61.57 -4.78 0.00	65.93 -6.20 0.00	57.22 -6.01 0.00	48.14 -4.36 0.00	42.12 -3.51 0.00	40.00 -2.42 0.00
OXY_CHEM_DSASP 323612	36.24 -1.79 0.00	35.20 -1.70 0.00	33.84 -1.41 0.00	33.63 -1.51 0.00	34.96 -1.46 0.00	41.96 -1.75 0.00	58.06 -5.05 0.00	70.60 -7.67 0.00	56.78 -5.96 0.00	37.89 -3.47 0.00	37.97 -3.17 0.00	35.30 -3.15 0.00	33.14 -3.00 0.00	32.89 -2.86 0.00	32.02 -2.97 0.00	35.01 -3.25 0.00	40.58 -3.92 0.00	47.36 -4.91 0.00	60.71 -5.64 0.00	64.99 -7.14 0.00	56.39 -6.83 0.00	47.46 -5.04 0.00	41.62 -4.02 0.00	39.58 -2.84 0.00
OZONE_PARK_ESR 323760	39.66 1.64 0.00	38.33 1.44 0.00	36.45 1.20 0.00	36.30 1.16 0.00	37.44 1.02 0.00	45.11 1.40 0.00	65.38 2.27 0.00	81.48 3.21 0.00	65.25 2.51 0.00	43.47 2.11 0.00	42.90 1.77 0.00	40.15 1.69 0.00	37.87 1.73 0.00	37.44 1.68 0.00	36.74 1.75 0.00	39.95 1.68 0.00	46.81 2.31 0.00	55.04 2.77 0.00	69.46 3.12 0.00	75.95 3.82 0.00	66.51 3.29 0.00	55.22 2.73 0.00	47.96 2.33 0.00	44.33 1.91 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	36.24 -1.79 0.00	35.20 -1.70 0.00	33.84 -1.41 0.00	33.63 -1.51 0.00	34.96 -1.46 0.00	41.96 -1.75 0.00	58.06 -5.05 0.00	70.60 -7.67 0.00	56.78 -5.96 0.00	37.89 -3.47 0.00	37.97 -3.17 0.00	35.30 -3.15 0.00	33.14 -3.00 0.00	32.89 -2.86 0.00	32.02 -2.97 0.00	35.01 -3.25 0.00	40.58 -3.92 0.00	47.36 -4.91 0.00	60.71 -5.64 0.00	64.99 -7.14 0.00	56.39 -6.83 0.00	47.46 -5.04 0.00	41.62 -4.02 0.00	39.58 -2.84 0.00
PACKARD___115KV_DUPONT_184 80571	36.24 -1.79 0.00	35.20 -1.70 0.00	33.84 -1.41 0.00	33.63 -1.51 0.00	34.96 -1.46 0.00	41.96 -1.75 0.00	58.06 -5.05 0.00	70.60 -7.67 0.00	56.78 -5.96 0.00	37.89 -3.47 0.00	37.97 -3.17 0.00	35.30 -3.15 0.00	33.14 -3.00 0.00	32.89 -2.86 0.00	32.02 -2.97 0.00	35.01 -3.25 0.00	40.58 -3.92 0.00	47.36 -4.91 0.00	60.71 -5.64 0.00	64.99 -7.14 0.00	56.39 -6.83 0.00	47.46 -5.04 0.00	41.62 -4.02 0.00	39.58 -2.84 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	39.67 1.64 -0.01	38.30 1.40 -0.01	36.49 1.23 -0.01	36.38 1.23 -0.01	37.48 1.06 -0.01	44.85 1.14 0.00	64.56 1.45 0.00	80.54 2.27 0.00	64.50 1.76 0.00	43.14 1.78 0.00	42.62 1.48 0.00	39.84 1.38 0.00	37.58 1.45 0.00	37.19 1.43 0.00	36.50 1.50 0.00	39.68 1.42 0.00	46.41 1.91 0.00	54.47 2.20 0.00	68.60 2.26 0.00	75.01 2.89 0.00	65.69 2.47 0.00	54.54 2.05 0.00	47.55 1.92 0.00	44.20 1.78 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	39.90 1.86 -0.01	38.56 1.66 -0.01	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.20 1.49 0.00	65.06 1.96 0.00	81.09 2.82 0.00	64.88 2.13 0.00	43.35 1.99 0.00	42.78 1.65 0.00	40.03 1.58 0.00	37.73 1.59 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.83 1.57 0.00	46.63 2.14 0.00	54.73 2.46 0.00	68.93 2.59 0.00	75.45 3.32 0.00	66.00 2.78 0.00	54.86 2.36 0.00	47.83 2.19 0.00	44.45 2.04 0.00
PATROON___115KV_TB1 80586	39.28 1.25 0.00	38.04 1.14 0.00	36.27 1.02 0.00	36.16 1.02 0.00	37.40 0.98 0.00	44.98 1.27 0.00	65.06 1.96 0.00	80.78 2.50 0.00	64.82 2.07 0.00	42.69 1.32 0.00	42.33 1.19 0.00	39.61 1.15 0.00	37.22 1.08 0.00	36.83 1.07 0.00	35.90 0.91 0.00	39.26 0.99 0.00	45.79 1.29 0.00	53.84 1.57 0.00	68.20 1.86 0.00	74.36 2.24 0.00	65.25 2.02 0.00	54.17 1.68 0.00	47.09 1.46 0.00	43.82 1.40 0.00
PATTRSNVILLE___SOLAR 323815	39.32 1.29 0.00	38.11 1.22 0.00	36.34 1.09 0.00	36.23 1.09 0.00	37.55 1.13 0.00	45.15 1.44 0.00	65.32 2.21 0.00	81.32 3.05 0.00	64.63 1.88 0.00	42.32 0.95 0.00	41.88 0.74 0.00	39.15 0.69 0.00	36.93 0.79 0.00	36.54 0.79 0.00	35.83 0.84 0.00	39.30 1.03 0.00	45.96 1.47 0.00	54.15 1.88 0.00	68.80 2.46 0.00	75.09 2.96 0.00	65.75 2.53 0.00	54.60 2.10 0.00	47.41 1.78 0.00	44.03 1.61 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	37.84 -0.19 0.00	36.71 -0.18 0.00	35.28 0.04 0.00	35.07 -0.07 0.00	36.46 0.04 0.00	43.80 0.09 0.00	61.34 -1.77 0.00	74.59 -3.68 0.00	59.86 -2.89 0.00	39.87 -1.49 0.00	39.78 -1.36 0.00	36.96 -1.50 0.00	34.65 -1.48 0.00	34.43 -1.32 0.00	33.49 -1.50 0.00	36.58 -1.68 0.00	42.50 -2.00 0.00	49.76 -2.51 0.00	63.82 -2.52 0.00	68.59 -3.53 0.00	59.56 -3.67 0.00	49.98 -2.52 0.00	43.63 -2.01 0.00	41.44 -0.98 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	39.62 1.60 0.00	38.30 1.40 0.00	36.48 1.23 0.00	36.30 1.16 0.00	37.48 1.06 0.00	45.24 1.53 0.00	65.63 2.52 0.00	81.95 3.68 0.00	65.63 2.89 0.00	43.31 1.94 0.00	42.74 1.60 0.00	39.92 1.46 0.00	37.44 1.30 0.00	36.94 1.18 0.00	36.18 1.19 0.00	39.45 1.19 0.00	46.28 1.78 0.00	54.57 2.30 0.00	69.07 2.72 0.00	75.52 3.39 0.00	66.38 3.16 0.00	55.17 2.68 0.00	47.83 2.19 0.00	44.20 1.78 0.00
PEEKSKILL___ 23653	38.98 0.95 0.00	37.78 0.88 0.00	35.95 0.70 0.00	35.78 0.63 0.00	36.93 0.51 0.00	44.41 0.70 0.00	64.44 1.33 0.00	80.23 1.96 0.00	64.25 1.50 0.00	42.60 1.24 0.00	42.16 1.03 0.00	39.42 0.96 0.00	37.07 0.94 0.00	36.65 0.89 0.00	35.94 0.95 0.00	39.14 0.88 0.00	45.83 1.33 0.00	53.95 1.67 0.00	68.20 1.86 0.00	74.65 2.52 0.00	65.37 2.15 0.00	54.28 1.79 0.00	47.23 1.60 0.00	43.69 1.27 0.00

PGE MADISON___WINDPWR 24146	40.61 2.59 0.00	39.33 2.43 0.00	37.65 2.40 0.00	37.71 2.56 0.00	39.22 2.80 0.00	47.30 3.59 0.00	68.41 5.30 0.00	85.63 7.36 0.00	68.39 5.65 0.00	44.26 2.89 0.00	43.60 2.47 0.00	40.72 2.27 0.00	38.09 1.95 0.00	37.79 2.04 0.00	37.02 2.03 0.00	40.67 2.41 0.00	47.57 3.07 0.00	56.51 4.23 0.00	72.38 6.04 0.00	78.40 6.27 0.00	68.03 4.80 0.00	56.17 3.67 0.00	48.51 2.88 0.00	45.13 2.72 0.00
PIERCEFIELD___HYD 23852	37.95 -0.08 0.00	36.97 0.07 0.00	35.25 0.00 0.00	35.32 0.18 0.00	36.82 0.40 0.00	44.19 0.48 0.00	64.31 1.20 0.00	79.44 1.17 0.00	64.00 1.25 0.00	41.61 0.25 0.00	41.34 0.21 0.00	38.61 0.15 0.00	36.24 0.11 0.00	35.90 0.14 0.00	35.10 0.10 0.00	38.49 0.23 0.00	44.81 0.31 0.00	52.90 0.63 0.00	67.41 1.06 0.00	72.92 0.79 0.00	64.17 0.95 0.00	53.18 0.68 0.00	46.00 0.37 0.00	42.59 0.17 0.00
PINELAWN_CC_1 323563	39.74 1.71 0.00	38.41 1.51 0.00	36.45 1.20 0.00	36.20 1.05 0.00	37.44 1.02 0.00	45.07 1.36 0.00	65.32 2.21 0.00	81.63 3.36 0.00	65.32 2.57 0.00	43.47 2.11 0.00	42.94 1.81 0.00	40.15 1.69 0.00	37.58 1.45 0.00	37.15 1.39 0.00	36.53 1.54 0.00	39.94 1.68 0.00	46.68 2.18 0.00	55.30 3.03 0.00	69.66 3.32 0.00	76.75 4.62 0.00	67.14 3.92 0.00	55.49 2.99 0.00	48.51 2.88 0.00	44.49 2.08 0.00
PJM_GEN_HTP_PROXY 323702	39.32 1.29 0.00	38.07 1.18 0.00	36.23 0.99 0.00	36.06 0.91 0.00	37.19 0.77 0.00	44.72 1.01 0.00	65.90 1.76 -1.03	79.75 2.50 1.03	62.44 2.07 2.38	45.44 1.70 -2.38	42.61 1.48 0.00	39.84 1.38 0.00	37.51 1.37 0.00	37.11 1.36 0.00	36.43 1.44 0.00	39.60 1.34 0.00	46.41 1.91 0.00	54.57 2.30 0.00	68.80 2.46 0.00	75.30 3.17 0.00	65.88 2.65 0.00	54.70 2.20 0.00	47.69 2.06 0.00	44.07 1.65 0.00
PJM_GEN_KEystone 24065	37.88 -0.15 0.00	36.67 -0.22 0.00	35.11 -0.14 0.00	34.90 -0.24 0.00	36.17 -0.25 0.00	42.70 -0.30 0.71	63.12 -1.01 -1.03	75.45 -1.80 1.03	58.15 -1.38 3.21	43.16 -0.58 -2.38	40.44 -0.70 0.00	37.76 -0.69 0.00	35.49 -0.65 0.00	35.15 -0.61 0.00	34.36 -0.63 0.00	36.40 -0.81 1.06	38.80 -0.80 4.90	46.40 -0.94 4.93	58.70 -1.06 6.58	70.83 -1.30 0.00	61.89 -1.33 0.00	50.02 -0.89 1.58	45.00 -0.64 0.00	41.76 -0.34 0.32
PJM_GEN_NEPTUNE_PROXY 323594	39.36 1.33 0.00	38.04 1.14 0.00	36.13 0.88 0.00	35.92 0.77 0.00	37.11 0.69 0.00	44.63 0.92 0.00	65.65 1.51 -1.03	79.59 2.35 1.03	62.25 1.88 2.38	45.44 1.70 -2.38	42.57 1.44 0.00	39.80 1.35 0.00	37.33 1.19 0.00	36.90 1.14 0.00	36.29 1.30 0.00	39.60 1.34 0.00	46.28 1.78 0.00	54.68 2.41 0.00	68.80 2.46 0.00	75.66 3.53 0.00	66.20 2.97 0.00	54.80 2.31 0.00	47.92 2.28 0.00	44.03 1.61 0.00
PJM_GEN_VFT_PROXY 323633	39.09 1.06 0.00	37.89 1.00 0.00	36.06 0.81 0.00	35.88 0.74 0.00	36.97 0.55 0.00	44.45 0.74 0.00	64.63 1.33 -0.19	67.98 2.03 12.33	53.88 1.63 10.49	45.23 1.49 -2.38	42.41 1.28 0.00	39.65 1.19 0.00	37.37 1.23 0.00	36.97 1.22 0.00	36.29 1.30 0.00	39.37 1.11 0.00	46.15 1.65 0.00	50.92 1.99 3.34	54.80 2.06 13.61	70.02 2.74 4.85	61.26 2.27 4.24	51.52 1.89 2.86	47.51 1.87 0.00	43.90 1.48 0.00
PLATSBURG_115KV_PMLD1 355749	38.52 0.49 0.00	37.85 0.96 0.00	36.27 1.02 0.00	36.37 1.23 0.00	38.06 1.64 0.00	45.77 2.05 0.00	66.64 3.53 0.00	82.26 3.99 0.00	66.51 3.76 0.00	43.35 1.99 0.00	43.11 1.97 0.00	40.26 1.81 0.00	37.83 1.70 0.00	37.51 1.75 0.00	36.64 1.64 0.00	40.14 1.87 0.00	46.72 2.22 0.00	55.10 2.82 0.00	69.99 3.65 0.00	75.37 3.25 0.00	66.32 3.10 0.00	54.96 2.47 0.00	47.64 2.01 0.00	44.16 1.74 0.00
PLEASANTVLY___LBMP 24000	39.02 0.99 0.00	37.78 0.89 0.00	35.99 0.74 0.00	35.85 0.70 0.00	37.00 0.58 0.00	44.46 0.74 0.00	64.43 1.33 0.00	80.15 1.88 0.00	64.19 1.44 0.00	42.56 1.20 0.00	42.12 0.99 0.00	39.42 0.96 0.00	37.11 0.98 0.00	36.68 0.93 0.00	35.97 0.98 0.00	39.22 0.96 0.00	45.83 1.33 0.00	53.89 1.62 0.00	68.20 1.86 0.00	74.51 2.38 0.00	65.37 2.15 0.00	54.28 1.78 0.00	47.19 1.55 0.00	43.69 1.27 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.24 1.22 0.00	37.96 1.07 0.00	36.13 0.88 0.00	35.99 0.84 0.00	37.15 0.73 0.00	44.72 1.01 0.00	64.81 1.70 0.00	80.70 2.43 0.00	64.63 1.88 0.00	42.94 1.57 0.00	42.45 1.32 0.00	39.69 1.23 0.00	37.36 1.23 0.00	36.94 1.18 0.00	36.25 1.26 0.00	39.49 1.22 0.00	46.19 1.69 0.00	54.37 2.09 0.00	68.67 2.32 0.00	75.09 2.96 0.00	65.82 2.59 0.00	54.59 2.10 0.00	47.46 1.83 0.00	43.90 1.48 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.24 1.22 0.00	37.96 1.07 0.00	36.13 0.88 0.00	35.99 0.84 0.00	37.15 0.73 0.00	44.72 1.01 0.00	64.81 1.70 0.00	80.70 2.43 0.00	64.63 1.88 0.00	42.94 1.57 0.00	42.45 1.32 0.00	39.69 1.23 0.00	37.36 1.23 0.00	36.94 1.18 0.00	36.25 1.26 0.00	39.49 1.22 0.00	46.19 1.69 0.00	54.37 2.09 0.00	68.67 2.32 0.00	75.09 2.96 0.00	65.82 2.59 0.00	54.59 2.10 0.00	47.46 1.83 0.00	43.90 1.48 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.62 1.60 0.00	38.33 1.44 0.00	36.48 1.23 0.00	36.34 1.19 0.00	37.51 1.09 0.00	45.24 1.53 0.00	65.76 2.65 0.00	81.87 3.60 0.00	65.57 2.82 0.00	43.23 1.86 0.00	42.66 1.52 0.00	39.80 1.35 0.00	37.29 1.16 0.00	36.83 1.07 0.00	36.08 1.08 0.00	39.33 1.07 0.00	46.14 1.65 0.00	54.42 2.14 0.00	68.60 2.26 0.00	75.01 2.89 0.00	65.94 2.72 0.00	54.70 2.20 0.00	47.51 1.87 0.00	43.99 1.57 0.00
POLETTI___ 23519	39.40 1.37 0.00	38.11 1.22 0.00	36.24 0.99 0.00	36.09 0.95 0.00	37.22 0.80 0.00	44.81 1.09 0.00	64.88 1.77 0.00	80.85 2.58 0.00	64.75 2.01 0.00	43.14 1.78 0.00	42.62 1.48 0.00	39.88 1.42 0.00	37.62 1.48 0.00	37.22 1.47 0.00	36.53 1.54 0.00	39.68 1.42 0.00	46.46 1.96 0.00	54.63 2.35 0.00	68.87 2.52 0.00	75.37 3.25 0.00	65.94 2.72 0.00	54.75 2.26 0.00	47.64 2.01 0.00	44.03 1.61 0.00
POMONA___ESR 323819	38.98 0.95 0.00	37.74 0.85 0.00	35.92 0.67 0.00	35.74 0.60 0.00	36.93 0.51 0.00	44.41 0.70 0.00	64.37 1.26 0.00	80.15 1.88 0.00	64.25 1.50 0.00	42.60 1.24 0.00	42.16 1.03 0.00	39.38 0.92 0.00	37.04 0.90 0.00	36.61 0.86 0.00	35.94 0.95 0.00	39.14 0.88 0.00	45.83 1.33 0.00	53.95 1.67 0.00	68.20 1.86 0.00	74.65 2.52 0.00	65.37 2.15 0.00	54.28 1.79 0.00	47.23 1.60 0.00	43.69 1.27 0.00
PORT_JEFF_3 23555	39.66 1.63 0.00	38.37 1.48 0.00	36.34 1.09 0.00	36.09 0.95 0.00	37.33 0.91 0.00	44.89 1.18 0.00	65.07 1.96 0.00	81.40 3.13 0.00	64.94 2.19 0.00	43.23 1.86 0.00	42.70 1.56 0.00	39.95 1.50 0.00	37.29 1.16 0.00	36.93 1.18 0.00	36.32 1.33 0.00	39.87 1.61 0.00	46.41 1.91 0.00	55.15 2.87 0.00	69.46 3.12 0.00	76.60 4.47 0.00	67.14 3.92 0.00	55.22 2.73 0.00	48.28 2.65 0.00	44.24 1.82 0.00

PORT_JEFF_4 23616	39.66 1.63 0.00	38.37 1.48 0.00	36.34 1.09 0.00	36.09 0.95 0.00	37.33 0.91 0.00	44.89 1.18 0.00	65.07 1.96 0.00	81.40 3.13 0.00	64.94 2.19 0.00	43.23 1.86 0.00	42.70 1.56 0.00	39.95 1.50 0.00	37.29 1.16 0.00	36.93 1.18 0.00	36.32 1.33 0.00	39.87 1.61 0.00	46.41 1.91 0.00	55.15 2.87 0.00	69.46 3.12 0.00	76.60 4.47 0.00	67.14 3.92 0.00	55.22 2.73 0.00	48.28 2.65 0.00	44.24 1.82 0.00
PORT_JEFF_IC 23713	39.59 1.56 0.00	38.19 1.29 0.00	36.31 1.06 0.00	36.09 0.95 0.00	37.33 0.91 0.00	44.89 1.18 0.00	65.06 1.96 0.00	81.48 3.21 0.00	64.88 2.13 0.00	43.52 2.15 0.00	42.70 1.56 0.00	39.95 1.50 0.00	37.33 1.19 0.00	36.94 1.18 0.00	36.36 1.36 0.00	39.95 1.68 0.00	46.46 1.96 0.00	55.20 2.93 0.00	69.53 3.18 0.00	76.60 4.47 0.00	67.21 3.98 0.00	55.17 2.68 0.00	48.24 2.60 0.00	44.16 1.74 0.00
PPL_PILGRIM_ST_GT1 24216	40.16 2.13 0.00	38.77 1.88 0.00	36.76 1.51 0.00	36.55 1.41 0.00	37.80 1.38 0.00	45.51 1.79 0.00	66.08 2.97 0.00	82.57 4.30 0.00	66.07 3.32 0.00	43.93 2.57 0.00	43.35 2.22 0.00	40.53 2.08 0.00	37.91 1.77 0.00	37.47 1.72 0.00	36.85 1.85 0.00	40.33 2.06 0.00	47.08 2.58 0.00	55.88 3.60 0.00	70.46 4.11 0.00	77.68 5.55 0.00	67.97 4.74 0.00	56.07 3.57 0.00	48.96 3.33 0.00	44.88 2.46 0.00
PPL_PILGRIM_ST_GT2 24217	40.16 2.13 0.00	38.77 1.88 0.00	36.76 1.51 0.00	36.55 1.41 0.00	37.80 1.38 0.00	45.51 1.79 0.00	66.08 2.97 0.00	82.57 4.30 0.00	66.07 3.32 0.00	43.93 2.57 0.00	43.35 2.22 0.00	40.53 2.08 0.00	37.91 1.77 0.00	37.47 1.72 0.00	36.85 1.85 0.00	40.33 2.06 0.00	47.08 2.58 0.00	55.88 3.60 0.00	70.46 4.11 0.00	77.68 5.55 0.00	67.97 4.74 0.00	56.07 3.57 0.00	48.96 3.33 0.00	44.88 2.46 0.00
PPL_SHRM_GT3 24213	39.17 1.14 0.00	38.04 1.14 0.00	35.78 0.53 0.00	35.53 0.39 0.00	36.75 0.33 0.00	44.15 0.44 0.00	64.12 1.01 0.00	80.23 1.96 0.00	63.56 0.81 0.00	42.23 0.87 0.00	41.83 0.70 0.00	39.22 0.77 0.00	36.39 0.25 0.00	36.04 0.28 0.00	35.52 0.53 0.00	39.26 0.99 0.00	45.39 0.89 0.00	54.21 1.94 0.00	68.20 1.86 0.00	75.30 3.17 0.00	66.38 3.16 0.00	54.17 1.68 0.00	47.37 1.73 0.00	43.35 0.93 0.00
PPL_SHRM_GT4 24214	39.17 1.14 0.00	38.04 1.14 0.00	35.78 0.53 0.00	35.53 0.39 0.00	36.75 0.33 0.00	44.15 0.44 0.00	64.12 1.01 0.00	80.23 1.96 0.00	63.56 0.81 0.00	42.23 0.87 0.00	41.83 0.70 0.00	39.22 0.77 0.00	36.39 0.25 0.00	36.04 0.28 0.00	35.52 0.53 0.00	39.26 0.99 0.00	45.39 0.89 0.00	54.21 1.94 0.00	68.20 1.86 0.00	75.30 3.17 0.00	66.38 3.16 0.00	54.17 1.68 0.00	47.37 1.73 0.00	43.35 0.93 0.00
PROJECT___ORANGE 1 24174	37.34 -0.68 0.00	36.23 -0.66 0.00	34.68 -0.56 0.00	34.55 -0.60 0.00	35.80 -0.62 0.00	42.97 -0.74 0.00	61.72 -1.39 0.00	76.55 -1.72 0.00	61.36 -1.38 0.00	40.50 -0.87 0.00	40.44 -0.70 0.00	37.76 -0.69 0.00	35.45 -0.69 0.00	35.11 -0.64 0.00	34.33 -0.66 0.00	37.54 -0.73 0.00	43.47 -1.02 0.00	50.91 -1.36 0.00	64.89 -1.46 0.00	70.40 -1.73 0.00	61.58 -1.64 0.00	51.13 -1.36 0.00	44.45 -1.19 0.00	41.44 -0.98 0.00
PROJECT___ORANGE 2 24166	37.34 -0.68 0.00	36.23 -0.66 0.00	34.68 -0.56 0.00	34.55 -0.60 0.00	35.80 -0.62 0.00	42.97 -0.74 0.00	61.72 -1.39 0.00	76.55 -1.72 0.00	61.36 -1.38 0.00	40.50 -0.87 0.00	40.44 -0.70 0.00	37.76 -0.69 0.00	35.45 -0.69 0.00	35.11 -0.64 0.00	34.33 -0.66 0.00	37.54 -0.73 0.00	43.47 -1.02 0.00	50.91 -1.36 0.00	64.89 -1.46 0.00	70.40 -1.73 0.00	61.58 -1.64 0.00	51.13 -1.36 0.00	44.45 -1.19 0.00	41.44 -0.98 0.00
PUCKETT___SOLAR 323809	38.63 0.61 0.00	37.45 0.55 0.00	35.88 0.64 0.00	35.74 0.60 0.00	37.11 0.69 0.00	44.63 0.92 0.00	64.18 1.07 0.00	79.52 1.25 0.00	63.56 0.81 0.00	41.69 0.33 0.00	41.22 0.08 0.00	38.49 0.04 0.00	36.10 -0.04 0.00	35.79 0.04 0.00	34.99 0.00 0.00	38.38 0.12 0.00	44.77 0.27 0.00	52.80 0.52 0.00	67.40 1.06 0.00	73.06 0.94 0.00	63.79 0.57 0.00	52.97 0.47 0.00	45.96 0.32 0.00	42.88 0.47 0.00
PYRITES___HYD 24023	38.83 0.80 0.00	37.82 0.92 0.00	36.02 0.78 0.00	36.06 0.91 0.00	37.66 1.24 0.00	45.20 1.49 0.00	65.82 2.71 0.00	81.40 3.13 0.00	65.44 2.70 0.00	42.44 1.08 0.00	42.12 0.99 0.00	39.30 0.85 0.00	36.86 0.72 0.00	36.51 0.75 0.00	35.69 0.70 0.00	39.14 0.88 0.00	45.61 1.11 0.00	54.00 1.73 0.00	68.93 2.59 0.00	74.65 2.52 0.00	65.63 2.40 0.00	54.33 1.84 0.00	47.00 1.37 0.00	43.52 1.10 0.00
QUAKERRD_115KV_BK1 80622	36.39 -1.64 0.00	35.38 -1.51 0.00	33.94 -1.30 0.00	33.77 -1.37 0.00	35.07 -1.35 0.00	42.10 -1.62 0.00	59.64 -3.47 0.00	73.73 -4.54 0.00	59.11 -3.64 0.00	39.09 -2.28 0.00	39.04 -2.10 0.00	36.38 -2.08 0.00	34.15 -1.99 0.00	33.86 -1.90 0.00	33.07 -1.92 0.00	36.20 -2.07 0.00	41.96 -2.54 0.00	49.19 -3.08 0.00	62.76 -3.58 0.00	67.87 -4.26 0.00	59.24 -3.98 0.00	49.35 -3.15 0.00	42.90 -2.74 0.00	40.21 -2.21 0.00
QUENSBRY_115KV_TB8 356137	39.40 1.37 0.00	38.22 1.33 0.00	36.41 1.16 0.00	36.34 1.19 0.00	37.66 1.24 0.00	45.55 1.84 0.00	65.95 2.84 0.00	82.26 3.99 0.00	65.76 3.01 0.00	42.77 1.41 0.00	42.04 0.90 0.00	39.34 0.88 0.00	37.04 0.90 0.00	36.65 0.89 0.00	35.94 0.94 0.00	39.53 1.26 0.00	46.23 1.74 0.00	54.57 2.30 0.00	69.46 3.12 0.00	76.02 3.89 0.00	66.45 3.22 0.00	55.07 2.57 0.00	49.06 3.42 0.00	45.60 3.18 0.00
RAMAPO___LBMP 323565	38.83 0.80 0.00	37.56 0.66 0.00	35.78 0.53 0.00	35.64 0.49 0.00	36.78 0.36 0.00	44.24 0.52 0.00	64.12 1.01 0.00	79.84 1.57 0.00	63.94 1.19 0.00	42.48 1.12 0.00	42.00 0.86 0.00	39.26 0.81 0.00	36.93 0.79 0.00	36.51 0.75 0.00	35.83 0.84 0.00	39.03 0.77 0.00	45.66 1.16 0.00	53.69 1.41 0.00	67.94 1.59 0.00	74.22 2.09 0.00	65.06 1.83 0.00	54.02 1.52 0.00	46.96 1.32 0.00	43.44 1.02 0.00
RANKINE____ 23646	37.53 -0.49 0.00	36.45 -0.44 0.00	35.04 -0.21 0.00	34.83 -0.32 0.00	36.20 -0.22 0.00	43.54 -0.17 0.00	60.71 -2.40 0.00	73.89 -4.38 0.00	59.36 -3.39 0.00	39.54 -1.82 0.00	39.53 -1.60 0.00	36.72 -1.73 0.00	34.44 -1.70 0.00	34.22 -1.54 0.00	33.24 -1.75 0.00	36.35 -1.91 0.00	42.18 -2.31 0.00	49.35 -2.93 0.00	63.29 -3.05 0.00	67.87 -4.26 0.00	58.92 -4.30 0.00	49.50 -2.99 0.00	43.31 -2.33 0.00	41.10 -1.31 0.00
RAVENSWOOD_GT2_1 24244	39.43 1.41 0.00	38.15 1.25 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.82 2.07 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.65 1.52 0.00	37.22 1.47 0.00	36.53 1.54 0.00	39.72 1.45 0.00	46.50 2.00 0.00	54.68 2.40 0.00	68.93 2.59 0.00	75.37 3.25 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.64 2.01 0.00	44.07 1.65 0.00

RAVENSWOOD_GT2_2 24245	39.43 1.41 0.00	38.15 1.25 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.82 2.07 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.65 1.52 0.00	37.22 1.47 0.00	36.53 1.54 0.00	39.72 1.45 0.00	46.50 2.00 0.00	54.68 2.40 0.00	68.93 2.59 0.00	75.37 3.25 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.64 2.01 0.00	44.07 1.65 0.00
RAVENSWOOD_GT2_3 24246	39.43 1.41 0.00	38.15 1.25 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.88 2.13 0.00	43.23 1.86 0.00	42.70 1.56 0.00	39.92 1.46 0.00	37.65 1.52 0.00	37.26 1.50 0.00	36.53 1.54 0.00	39.72 1.45 0.00	46.55 2.05 0.00	54.68 2.40 0.00	68.93 2.59 0.00	75.45 3.32 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.69 2.05 0.00	44.07 1.65 0.00
RAVENSWOOD_GT2_4 24247	39.43 1.41 0.00	38.15 1.25 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.88 2.13 0.00	43.23 1.86 0.00	42.70 1.56 0.00	39.92 1.46 0.00	37.65 1.52 0.00	37.26 1.50 0.00	36.53 1.54 0.00	39.72 1.45 0.00	46.55 2.05 0.00	54.68 2.40 0.00	68.93 2.59 0.00	75.45 3.32 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.69 2.05 0.00	44.07 1.65 0.00
RAVENSWOOD_GT3_1 24248	39.43 1.41 0.00	38.15 1.25 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.82 2.07 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.65 1.52 0.00	37.22 1.47 0.00	36.53 1.54 0.00	39.72 1.45 0.00	46.50 2.00 0.00	54.68 2.40 0.00	68.93 2.59 0.00	75.37 3.25 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.64 2.01 0.00	44.07 1.65 0.00
RAVENSWOOD_GT3_2 24249	39.43 1.41 0.00	38.15 1.25 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.82 2.07 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.65 1.52 0.00	37.22 1.47 0.00	36.53 1.54 0.00	39.72 1.45 0.00	46.50 2.00 0.00	54.68 2.40 0.00	68.93 2.59 0.00	75.37 3.25 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.64 2.01 0.00	44.07 1.65 0.00
RAVENSWOOD_GT3_3 24250	39.47 1.45 0.00	38.19 1.29 0.00	36.31 1.06 0.00	36.16 1.02 0.00	37.29 0.87 0.00	44.89 1.18 0.00	65.00 1.89 0.00	81.01 2.74 0.00	64.94 2.20 0.00	43.23 1.86 0.00	42.74 1.60 0.00	39.95 1.50 0.00	37.69 1.55 0.00	37.29 1.54 0.00	36.57 1.57 0.00	39.75 1.49 0.00	46.55 2.05 0.00	54.73 2.46 0.00	69.00 2.65 0.00	75.52 3.39 0.00	66.07 2.85 0.00	54.86 2.36 0.00	47.73 2.10 0.00	44.11 1.70 0.00
RAVENSWOOD_GT3_4 24251	39.47 1.45 0.00	38.19 1.29 0.00	36.31 1.06 0.00	36.16 1.02 0.00	37.29 0.87 0.00	44.89 1.18 0.00	65.00 1.89 0.00	81.01 2.74 0.00	64.94 2.20 0.00	43.23 1.86 0.00	42.74 1.60 0.00	39.95 1.50 0.00	37.69 1.55 0.00	37.29 1.54 0.00	36.57 1.57 0.00	39.75 1.49 0.00	46.55 2.05 0.00	54.73 2.46 0.00	69.00 2.65 0.00	75.52 3.39 0.00	66.07 2.85 0.00	54.86 2.36 0.00	47.73 2.10 0.00	44.11 1.70 0.00
RAVENSWOOD_GT_1 23729	39.63 1.60 -0.01	38.34 1.44 -0.01	36.46 1.20 -0.01	36.31 1.16 -0.01	37.45 1.02 -0.01	44.98 1.27 0.00	64.94 1.83 0.00	81.01 2.74 0.00	64.88 2.13 0.00	43.35 1.99 0.00	42.82 1.69 0.00	40.07 1.62 0.00	37.80 1.66 0.00	37.36 1.61 0.00	36.67 1.68 0.00	39.87 1.61 0.00	46.68 2.18 0.00	54.78 2.51 0.00	68.93 2.59 0.00	75.45 3.32 0.00	66.00 2.78 0.00	54.86 2.36 0.00	47.73 2.10 0.00	44.28 1.87 0.00
RAVENSWOOD_GT_10 24258	39.44 1.41 0.00	38.11 1.22 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.82 2.07 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.65 1.52 0.00	37.22 1.47 0.00	36.53 1.54 0.00	39.72 1.45 0.00	46.50 2.00 0.00	54.68 2.40 0.00	68.93 2.59 0.00	75.37 3.25 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.64 2.01 0.00	44.07 1.65 0.00
RAVENSWOOD_GT_11 24259	39.44 1.41 0.00	38.11 1.22 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.82 2.07 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.65 1.52 0.00	37.22 1.47 0.00	36.53 1.54 0.00	39.72 1.45 0.00	46.50 2.00 0.00	54.68 2.40 0.00	68.93 2.59 0.00	75.37 3.25 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.64 2.01 0.00	44.07 1.65 0.00
RAVENSWOOD_GT_4 24252	39.40 1.37 -0.01	38.08 1.18 -0.01	36.24 0.99 -0.01	36.10 0.95 -0.01	37.23 0.80 -0.01	44.81 1.09 0.00	64.94 1.83 0.00	80.85 2.58 0.00	64.82 2.07 0.00	43.14 1.78 0.00	42.62 1.48 0.00	39.88 1.42 0.00	37.62 1.48 0.00	37.19 1.43 0.00	36.50 1.50 0.00	39.68 1.42 0.00	46.46 1.96 0.00	54.63 2.35 0.00	68.93 2.59 0.00	75.37 3.25 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.64 2.01 0.00	44.03 1.61 0.00
RAVENSWOOD_GT_5 24254	39.40 1.37 -0.01	38.08 1.18 -0.01	36.24 0.99 -0.01	36.10 0.95 -0.01	37.23 0.80 -0.01	44.81 1.09 0.00	64.94 1.83 0.00	80.85 2.58 0.00	64.82 2.07 0.00	43.14 1.78 0.00	42.62 1.48 0.00	39.88 1.42 0.00	37.62 1.48 0.00	37.19 1.43 0.00	36.50 1.50 0.00	39.68 1.42 0.00	46.46 1.96 0.00	54.63 2.35 0.00	68.93 2.59 0.00	75.37 3.25 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.64 2.01 0.00	44.03 1.61 0.00
RAVENSWOOD_GT_6 24253	39.40 1.37 -0.01	38.08 1.18 -0.01	36.24 0.99 -0.01	36.10 0.95 -0.01	37.23 0.80 -0.01	44.81 1.09 0.00	64.94 1.83 0.00	80.85 2.58 0.00	64.82 2.07 0.00	43.14 1.78 0.00	42.62 1.48 0.00	39.88 1.42 0.00	37.62 1.48 0.00	37.19 1.43 0.00	36.50 1.50 0.00	39.68 1.42 0.00	46.46 1.96 0.00	54.63 2.35 0.00	68.93 2.59 0.00	75.37 3.25 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.64 2.01 0.00	44.03 1.61 0.00
RAVENSWOOD_GT_7 24255	39.40 1.37 -0.01	38.08 1.18 -0.01	36.24 0.99 -0.01	36.10 0.95 -0.01	37.23 0.80 -0.01	44.81 1.09 0.00	64.94 1.83 0.00	80.85 2.58 0.00	64.82 2.07 0.00	43.14 1.78 0.00	42.62 1.48 0.00	39.88 1.42 0.00	37.62 1.48 0.00	37.19 1.43 0.00	36.50 1.50 0.00	39.68 1.42 0.00	46.46 1.96 0.00	54.63 2.35 0.00	68.93 2.59 0.00	75.37 3.25 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.64 2.01 0.00	44.03 1.61 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.44 1.41 0.00	38.11 1.22 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.82 2.07 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.65 1.52 0.00	37.22 1.47 0.00	36.53 1.54 0.00	39.72 1.45 0.00	46.50 2.00 0.00	54.68 2.40 0.00	68.93 2.59 0.00	75.37 3.25 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.64 2.01 0.00	44.07 1.65 0.00

RAVENSWOOD_GT_9 24257	39.44 1.41 0.00	38.11 1.22 0.00	36.27 1.02 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.82 2.07 0.00	43.18 1.82 0.00	42.66 1.52 0.00	39.92 1.46 0.00	37.65 1.52 0.00	37.22 1.47 0.00	36.53 1.54 0.00	39.72 1.45 0.00	46.50 2.00 0.00	54.68 2.40 0.00	68.93 2.59 0.00	75.37 3.25 0.00	66.00 2.78 0.00	54.80 2.31 0.00	47.64 2.01 0.00	44.07 1.65 0.00
RAVENSWOOD___1 23533	39.63 1.60 -0.01	38.38 1.48 -0.01	36.49 1.23 -0.01	36.31 1.16 -0.01	37.48 1.06 -0.01	44.93 1.22 0.00	64.94 1.83 0.00	81.01 2.74 0.00	64.88 2.13 0.00	43.27 1.90 0.00	42.82 1.69 0.00	40.07 1.61 0.00	37.72 1.59 0.00	37.29 1.54 0.00	36.64 1.65 0.00	39.83 1.57 0.00	46.63 2.14 0.00	54.78 2.51 0.00	68.87 2.52 0.00	75.38 3.25 0.00	65.94 2.72 0.00	54.86 2.36 0.00	47.87 2.24 0.00	44.37 1.95 0.00
RAVENSWOOD___2 23534	39.63 1.60 -0.01	38.38 1.48 -0.01	36.49 1.23 -0.01	36.31 1.16 -0.01	37.48 1.06 -0.01	44.93 1.22 0.00	64.94 1.83 0.00	81.01 2.74 0.00	64.88 2.13 0.00	43.27 1.90 0.00	42.82 1.69 0.00	40.07 1.61 0.00	37.72 1.59 0.00	37.29 1.54 0.00	36.64 1.65 0.00	39.83 1.57 0.00	46.63 2.14 0.00	54.78 2.51 0.00	68.87 2.52 0.00	75.38 3.25 0.00	65.94 2.72 0.00	54.86 2.36 0.00	47.87 2.24 0.00	44.37 1.95 0.00
RAVENSWOOD___3 23535	39.39 1.37 0.00	38.18 1.29 0.00	36.31 1.06 0.00	36.13 0.98 0.00	37.26 0.84 0.00	44.81 1.09 0.00	64.94 1.83 0.00	80.93 2.66 0.00	64.88 2.13 0.00	43.14 1.78 0.00	42.70 1.56 0.00	39.92 1.46 0.00	37.58 1.45 0.00	37.19 1.43 0.00	36.50 1.50 0.00	39.68 1.42 0.00	46.50 2.00 0.00	54.68 2.41 0.00	68.87 2.52 0.00	75.38 3.25 0.00	65.94 2.72 0.00	54.80 2.31 0.00	47.78 2.15 0.00	44.16 1.74 0.00
RAVENSWOOD___4 23820	39.63 1.60 -0.01	38.38 1.48 -0.01	36.49 1.23 -0.01	36.31 1.16 -0.01	37.48 1.06 -0.01	44.93 1.22 0.00	64.94 1.83 0.00	81.01 2.74 0.00	64.88 2.13 0.00	43.27 1.90 0.00	42.82 1.69 0.00	40.07 1.61 0.00	37.72 1.59 0.00	37.29 1.54 0.00	36.64 1.65 0.00	39.83 1.57 0.00	46.63 2.14 0.00	54.78 2.51 0.00	68.87 2.52 0.00	75.38 3.25 0.00	65.94 2.72 0.00	54.86 2.36 0.00	47.87 2.24 0.00	44.37 1.95 0.00
RCPL_TRUST___DRP 24196	39.40 1.37 0.00	38.11 1.22 0.00	36.24 0.99 0.00	36.09 0.95 0.00	37.22 0.80 0.00	44.85 1.14 0.00	65.00 1.89 0.00	81.01 2.74 0.00	64.88 2.13 0.00	43.23 1.86 0.00	42.70 1.56 0.00	39.92 1.46 0.00	37.65 1.52 0.00	37.26 1.50 0.00	36.57 1.57 0.00	39.72 1.45 0.00	46.55 2.05 0.00	54.73 2.46 0.00	69.00 2.65 0.00	75.45 3.32 0.00	66.07 2.85 0.00	54.80 2.31 0.00	47.69 2.05 0.00	44.07 1.65 0.00
RED___ROCHESTER 323720	37.34 -0.68 0.00	36.19 -0.70 0.00	34.83 -0.42 0.00	34.62 -0.53 0.00	35.98 -0.44 0.00	43.23 -0.48 0.00	60.96 -2.15 0.00	74.99 -3.28 0.00	60.42 -2.32 0.00	39.92 -1.45 0.00	39.82 -1.32 0.00	37.15 -1.31 0.00	34.91 -1.23 0.00	34.61 -1.15 0.00	33.73 -1.26 0.00	37.00 -1.26 0.00	42.90 -1.60 0.00	50.34 -1.93 0.00	64.29 -2.06 0.00	69.31 -2.81 0.00	60.57 -2.65 0.00	50.50 -1.99 0.00	43.90 -1.73 0.00	41.19 -1.23 0.00
REGAN___SOLAR 323812	40.77 2.74 0.00	39.51 2.62 0.00	37.61 2.36 0.00	37.60 2.46 0.00	38.97 2.55 0.00	46.99 3.28 0.00	68.09 4.98 0.00	85.23 6.96 0.00	67.20 4.46 0.00	43.43 2.07 0.00	42.86 1.73 0.00	40.07 1.61 0.00	37.83 1.70 0.00	37.47 1.72 0.00	36.74 1.75 0.00	40.48 2.22 0.00	47.43 2.94 0.00	56.24 3.97 0.00	71.79 5.44 0.00	78.62 6.49 0.00	68.59 5.37 0.00	56.95 4.46 0.00	49.38 3.74 0.00	45.73 3.31 0.00
RENSSELAER___COGEN 23796	39.17 1.14 0.00	37.93 1.03 0.00	36.16 0.91 0.00	36.06 0.91 0.00	37.29 0.87 0.00	44.81 1.09 0.00	64.81 1.70 0.00	80.54 2.27 0.00	64.57 1.82 0.00	42.48 1.12 0.00	42.12 0.99 0.00	39.42 0.96 0.00	37.04 0.90 0.00	36.65 0.89 0.00	35.66 0.66 0.00	38.59 0.73 0.39	44.92 0.94 0.51	52.81 1.20 0.66	66.87 1.46 0.93	72.97 1.80 0.96	64.07 1.64 0.79	53.19 1.36 0.67	46.28 1.18 0.54	43.52 1.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.92 2.89 0.00	39.74 2.84 0.00	37.82 2.57 0.00	37.82 2.67 0.00	39.22 2.80 0.00	47.65 3.93 0.00	69.04 5.93 0.00	86.41 8.14 0.00	68.96 6.21 0.00	44.43 3.06 0.00	43.48 2.34 0.00	40.76 2.31 0.00	38.34 2.20 0.00	37.97 2.22 0.00	37.20 2.20 0.00	41.06 2.79 0.00	48.06 3.56 0.00	56.93 4.65 0.00	72.78 6.44 0.00	79.85 7.72 0.00	69.73 6.51 0.00	57.59 5.09 0.00	51.07 5.43 0.00	47.42 5.01 0.00
REVERE_CPPR_DRP 24186	39.24 1.22 0.00	38.00 1.11 0.00	36.27 1.02 0.00	36.30 1.16 0.00	37.66 1.24 0.00	45.24 1.53 0.00	65.38 2.27 0.00	81.64 3.37 0.00	65.32 2.57 0.00	42.69 1.32 0.00	42.37 1.23 0.00	39.57 1.12 0.00	37.11 0.98 0.00	36.76 1.00 0.00	35.97 0.98 0.00	39.41 1.15 0.00	45.92 1.42 0.00	54.21 1.93 0.00	69.13 2.79 0.00	75.23 3.10 0.00	65.63 2.40 0.00	54.38 1.89 0.00	47.00 1.37 0.00	43.65 1.23 0.00
REYNOLDS_115KV_TB3 80639	39.09 1.06 0.00	37.85 0.96 0.00	36.09 0.85 0.00	35.95 0.81 0.00	37.18 0.76 0.00	44.63 0.92 0.00	64.56 1.45 0.00	80.07 1.80 0.00	64.12 1.38 0.00	42.32 0.95 0.00	42.04 0.90 0.00	39.38 0.92 0.00	36.97 0.83 0.00	36.54 0.79 0.00	35.76 0.77 0.00	39.18 0.92 0.00	45.61 1.11 0.00	53.63 1.36 0.00	67.94 1.59 0.00	74.00 1.88 0.00	65.06 1.83 0.00	54.02 1.52 0.00	46.96 1.32 0.00	43.73 1.31 0.00
RIVERBAY____ 323610	39.90 1.86 -0.01	38.56 1.66 -0.01	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.20 1.49 0.00	65.06 1.96 0.00	81.09 2.82 0.00	64.88 2.13 0.00	43.35 1.99 0.00	42.78 1.65 0.00	40.03 1.58 0.00	37.73 1.59 0.00	37.29 1.54 0.00	36.60 1.61 0.00	39.83 1.57 0.00	46.63 2.14 0.00	54.73 2.46 0.00	68.93 2.59 0.00	75.45 3.32 0.00	66.00 2.78 0.00	54.86 2.36 0.00	47.83 2.19 0.00	44.45 2.04 0.00
RIVERSDE_115KV_TB3 55908	39.17 1.14 0.00	37.93 1.03 0.00	36.17 0.92 0.00	36.02 0.88 0.00	37.29 0.87 0.00	44.76 1.05 0.00	64.75 1.64 0.00	80.38 2.11 0.00	64.44 1.69 0.00	42.48 1.12 0.00	42.16 1.03 0.00	39.49 1.04 0.00	37.08 0.94 0.00	36.65 0.89 0.00	35.83 0.84 0.00	39.18 0.92 0.00	45.66 1.16 0.00	53.69 1.41 0.00	68.00 1.66 0.00	74.08 1.95 0.00	65.06 1.83 0.00	54.07 1.57 0.00	47.00 1.37 0.00	43.73 1.31 0.00
ROARING___BROOK_WT_PWR 323790	37.88 -0.15 0.00	36.82 -0.07 0.00	35.18 -0.07 0.00	35.14 0.00 0.00	36.49 0.07 0.00	43.80 0.09 0.00	63.43 0.32 0.00	78.66 0.39 0.00	63.19 0.44 0.00	41.57 0.21 0.00	41.34 0.21 0.00	38.65 0.19 0.00	36.32 0.18 0.00	35.93 0.18 0.00	35.17 0.18 0.00	38.45 0.19 0.00	44.77 0.27 0.00	52.59 0.32 0.00	66.75 0.40 0.00	72.42 0.29 0.00	63.48 0.25 0.00	52.55 0.05 0.00	45.54 -0.09 0.00	42.21 -0.21 0.00

ROCHESRG_115KV_T4 355643	36.96 -1.06 0.00	35.93 -0.96 0.00	34.51 -0.74 0.00	34.30 -0.84 0.00	35.62 -0.80 0.00	42.79 -0.92 0.00	60.33 -2.78 0.00	74.36 -3.91 0.00	59.67 -3.07 0.00	39.54 -1.82 0.00	39.49 -1.65 0.00	36.76 -1.69 0.00	34.55 -1.59 0.00	34.25 -1.50 0.00	33.42 -1.57 0.00	36.62 -1.65 0.00	42.41 -2.09 0.00	49.71 -2.56 0.00	63.49 -2.85 0.00	68.52 -3.61 0.00	59.75 -3.48 0.00	49.87 -2.62 0.00	43.40 -2.24 0.00	40.76 -1.65 0.00
ROCHESTER_9_IC 23652	37.15 -0.87 0.00	36.12 -0.77 0.00	34.68 -0.56 0.00	34.51 -0.63 0.00	35.84 -0.58 0.00	43.01 -0.70 0.00	60.71 -2.40 0.00	74.91 -3.37 0.00	60.11 -2.64 0.00	39.75 -1.61 0.00	39.70 -1.44 0.00	36.99 -1.46 0.00	34.73 -1.41 0.00	34.47 -1.29 0.00	33.59 -1.40 0.00	36.81 -1.45 0.00	42.67 -1.82 0.00	50.03 -2.25 0.00	63.89 -2.45 0.00	69.03 -3.10 0.00	60.19 -3.03 0.00	50.19 -2.31 0.00	43.67 -1.96 0.00	40.97 -1.44 0.00
ROCKVIEW_13_KV_LD 356306	39.36 1.33 0.00	38.07 1.18 0.00	36.24 0.99 0.00	36.09 0.95 0.00	37.26 0.84 0.00	44.85 1.14 0.00	65.00 1.89 0.00	81.01 2.74 0.00	64.88 2.13 0.00	43.10 1.74 0.00	42.62 1.48 0.00	39.84 1.38 0.00	37.55 1.41 0.00	37.11 1.36 0.00	36.43 1.43 0.00	39.64 1.38 0.00	46.41 1.91 0.00	54.63 2.35 0.00	69.00 2.65 0.00	75.45 3.32 0.00	66.13 2.91 0.00	54.86 2.36 0.00	47.69 2.05 0.00	44.03 1.61 0.00
ROME____115KV_TB2 80656	39.24 1.22 0.00	38.00 1.11 0.00	36.27 1.02 0.00	36.30 1.16 0.00	37.66 1.24 0.00	45.24 1.53 0.00	65.38 2.27 0.00	81.64 3.37 0.00	65.32 2.57 0.00	42.69 1.32 0.00	42.37 1.23 0.00	39.57 1.12 0.00	37.11 0.98 0.00	36.76 1.00 0.00	35.97 0.98 0.00	39.41 1.15 0.00	45.92 1.42 0.00	54.21 1.93 0.00	69.13 2.79 0.00	75.23 3.10 0.00	65.63 2.40 0.00	54.38 1.89 0.00	47.00 1.37 0.00	43.65 1.23 0.00
ROSETON___1 23587	38.98 0.95 0.00	37.74 0.85 0.00	35.95 0.70 0.00	35.78 0.63 0.00	36.97 0.55 0.00	44.41 0.70 0.00	64.37 1.26 0.00	80.07 1.80 0.00	64.12 1.38 0.00	42.52 1.16 0.00	42.08 0.95 0.00	39.34 0.89 0.00	37.00 0.87 0.00	36.58 0.82 0.00	35.90 0.91 0.00	39.10 0.84 0.00	45.74 1.24 0.00	53.84 1.57 0.00	68.07 1.72 0.00	74.44 2.31 0.00	65.25 2.02 0.00	54.17 1.68 0.00	47.14 1.50 0.00	43.65 1.23 0.00
ROSETON___2 23588	38.98 0.95 0.00	37.74 0.85 0.00	35.95 0.70 0.00	35.78 0.63 0.00	36.97 0.55 0.00	44.41 0.70 0.00	64.37 1.26 0.00	80.07 1.80 0.00	64.12 1.38 0.00	42.52 1.16 0.00	42.08 0.95 0.00	39.34 0.89 0.00	37.00 0.87 0.00	36.58 0.82 0.00	35.90 0.91 0.00	39.10 0.84 0.00	45.74 1.24 0.00	53.84 1.57 0.00	68.07 1.72 0.00	74.44 2.31 0.00	65.25 2.02 0.00	54.17 1.68 0.00	47.14 1.50 0.00	43.65 1.23 0.00
ROTTTRDAM_115KV_TB3 80664	38.86 0.84 0.00	37.67 0.77 0.00	35.95 0.70 0.00	35.85 0.70 0.00	37.11 0.69 0.00	44.59 0.87 0.00	64.50 1.39 0.00	80.07 1.80 0.00	64.00 1.25 0.00	42.07 0.70 0.00	41.71 0.58 0.00	39.03 0.58 0.00	36.71 0.58 0.00	36.29 0.54 0.00	35.59 0.59 0.00	38.99 0.73 0.00	45.48 0.98 0.00	53.53 1.25 0.00	67.94 1.59 0.00	74.08 1.95 0.00	64.93 1.71 0.00	53.91 1.42 0.00	47.00 1.37 0.00	43.65 1.23 0.00
RUSSELL___1 23602	37.30 -0.72 0.00	36.30 -0.59 0.00	34.83 -0.42 0.00	34.65 -0.49 0.00	35.98 -0.44 0.00	43.23 -0.48 0.00	60.96 -2.15 0.00	75.30 -2.97 0.00	60.42 -2.32 0.00	39.96 -1.41 0.00	39.90 -1.23 0.00	37.15 -1.31 0.00	34.91 -1.23 0.00	34.61 -1.14 0.00	33.77 -1.22 0.00	37.00 -1.26 0.00	42.94 -1.56 0.00	50.34 -1.93 0.00	64.29 -2.06 0.00	69.46 -2.67 0.00	60.57 -2.66 0.00	50.50 -1.99 0.00	43.90 -1.73 0.00	41.19 -1.23 0.00
RUSSELL___2 23532	37.30 -0.72 0.00	36.30 -0.59 0.00	34.83 -0.42 0.00	34.65 -0.49 0.00	35.98 -0.44 0.00	43.23 -0.48 0.00	60.96 -2.15 0.00	75.30 -2.97 0.00	60.42 -2.32 0.00	39.96 -1.41 0.00	39.90 -1.23 0.00	37.15 -1.31 0.00	34.91 -1.23 0.00	34.61 -1.14 0.00	33.77 -1.22 0.00	37.00 -1.26 0.00	42.94 -1.56 0.00	50.34 -1.93 0.00	64.29 -2.06 0.00	69.46 -2.67 0.00	60.57 -2.66 0.00	50.50 -1.99 0.00	43.90 -1.73 0.00	41.19 -1.23 0.00
RUSSELL___3 23549	37.30 -0.72 0.00	36.30 -0.59 0.00	34.83 -0.42 0.00	34.65 -0.49 0.00	35.98 -0.44 0.00	43.23 -0.48 0.00	60.96 -2.15 0.00	75.30 -2.97 0.00	60.42 -2.32 0.00	39.96 -1.41 0.00	39.90 -1.23 0.00	37.15 -1.31 0.00	34.91 -1.23 0.00	34.61 -1.14 0.00	33.77 -1.22 0.00	37.00 -1.26 0.00	42.94 -1.56 0.00	50.34 -1.93 0.00	64.29 -2.06 0.00	69.46 -2.67 0.00	60.57 -2.66 0.00	50.50 -1.99 0.00	43.90 -1.73 0.00	41.19 -1.23 0.00
RUSSELL___4 23556	37.30 -0.72 0.00	36.30 -0.59 0.00	34.83 -0.42 0.00	34.65 -0.49 0.00	35.98 -0.44 0.00	43.23 -0.48 0.00	60.96 -2.15 0.00	75.30 -2.97 0.00	60.42 -2.32 0.00	39.96 -1.41 0.00	39.90 -1.23 0.00	37.15 -1.31 0.00	34.91 -1.23 0.00	34.61 -1.14 0.00	33.77 -1.22 0.00	37.00 -1.26 0.00	42.94 -1.56 0.00	50.34 -1.93 0.00	64.29 -2.06 0.00	69.46 -2.67 0.00	60.57 -2.66 0.00	50.50 -1.99 0.00	43.90 -1.73 0.00	41.19 -1.23 0.00
RUSSELL___STATION 23914	37.30 -0.72 0.00	36.30 -0.59 0.00	34.83 -0.42 0.00	34.65 -0.49 0.00	35.98 -0.44 0.00	43.23 -0.48 0.00	60.96 -2.15 0.00	75.30 -2.97 0.00	60.42 -2.32 0.00	39.96 -1.41 0.00	39.90 -1.23 0.00	37.15 -1.31 0.00	34.91 -1.23 0.00	34.61 -1.14 0.00	33.77 -1.22 0.00	37.00 -1.26 0.00	42.94 -1.56 0.00	50.34 -1.93 0.00	64.29 -2.06 0.00	69.46 -2.67 0.00	60.57 -2.66 0.00	50.50 -1.99 0.00	43.90 -1.73 0.00	41.19 -1.23 0.00
S SALMON___HYD 24043	37.30 -0.72 0.00	36.16 -0.74 0.00	34.62 -0.63 0.00	34.58 -0.56 0.00	35.84 -0.58 0.00	42.97 -0.74 0.00	61.78 -1.33 0.00	76.78 -1.49 0.00	61.42 -1.32 0.00	40.33 -1.03 0.00	40.23 -0.91 0.00	37.65 -0.81 0.00	35.31 -0.83 0.00	34.97 -0.79 0.00	34.19 -0.80 0.00	37.34 -0.92 0.00	43.25 -1.25 0.00	50.87 -1.41 0.00	65.02 -1.33 0.00	70.76 -1.37 0.00	62.02 -1.20 0.00	51.39 -1.10 0.00	44.54 -1.10 0.00	41.44 -0.97 0.00
S.PERRY__115KV_TB1 80734	38.41 0.38 0.00	37.34 0.44 0.00	35.95 0.70 0.00	35.74 0.60 0.00	37.15 0.73 0.00	44.72 1.01 0.00	63.23 0.13 0.00	77.80 -0.47 0.00	61.87 -0.88 0.00	40.66 -0.70 0.00	40.27 -0.86 0.00	37.46 -1.00 0.00	35.05 -1.08 0.00	34.75 -1.00 0.00	33.91 -1.08 0.00	37.15 -1.11 0.00	43.30 -1.20 0.00	51.23 -1.05 0.00	66.01 -0.33 0.00	71.77 -0.36 0.00	62.59 -0.63 0.00	52.13 -0.37 0.00	45.13 -0.50 0.00	42.33 -0.08 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.04 -0.99 0.00	35.97 -0.92 0.00	34.58 -0.67 0.00	34.37 -0.77 0.00	35.73 -0.69 0.00	42.93 -0.79 0.00	59.70 -3.41 0.00	72.64 -5.64 0.00	58.42 -4.33 0.00	38.92 -2.44 0.00	38.95 -2.18 0.00	36.19 -2.27 0.00	33.97 -2.17 0.00	33.72 -2.04 0.00	32.82 -2.17 0.00	35.89 -2.37 0.00	41.61 -2.89 0.00	48.61 -3.66 0.00	62.36 -3.98 0.00	66.86 -5.27 0.00	58.04 -5.18 0.00	48.77 -3.73 0.00	42.67 -2.97 0.00	40.55 -1.87 0.00

SAWYER___23_KV_LOAD 55526	37.04 -0.99 0.00	35.97 -0.92 0.00	34.58 -0.67 0.00	34.37 -0.77 0.00	35.73 -0.69 0.00	42.93 -0.79 0.00	59.70 -3.41 0.00	72.64 -5.64 0.00	58.42 -4.33 0.00	38.92 -2.44 0.00	38.95 -2.18 0.00	36.19 -2.27 0.00	33.97 -2.17 0.00	33.72 -2.04 0.00	32.82 -2.17 0.00	35.89 -2.37 0.00	41.61 -2.89 0.00	48.61 -3.66 0.00	62.36 -3.98 0.00	66.86 0.00 0.00	58.04 -5.18 0.00	48.77 -3.73 0.00	42.67 -2.97 0.00	40.55 -1.87 0.00
SELKIRK___I 23801	39.21 1.18 0.00	38.00 1.11 0.00	36.23 0.99 0.00	36.13 0.98 0.00	37.40 0.98 0.00	44.89 1.18 0.00	64.87 1.76 0.00	80.54 2.27 0.00	64.57 1.82 0.00	42.36 0.99 0.00	41.96 0.82 0.00	39.22 0.77 0.00	36.90 0.76 0.00	36.51 0.75 0.00	35.48 0.49 0.00	32.21 -0.23 5.83	36.76 -0.13 7.60	42.46 0.00 9.82	52.61 0.00 13.74	58.16 0.22 14.18	51.79 0.25 11.69	42.80 0.21 9.91	37.89 0.23 7.97	42.67 0.26 0.00
SELKIRK___II 23799	38.98 0.95 0.00	37.78 0.88 0.00	36.02 0.77 0.00	35.92 0.77 0.00	37.15 0.73 0.00	44.63 0.92 0.00	64.56 1.45 0.00	80.15 1.88 0.00	64.31 1.57 0.00	42.36 0.99 0.00	42.00 0.87 0.00	39.26 0.81 0.00	36.93 0.79 0.00	36.51 0.75 0.00	35.31 0.31 0.00	17.60 0.27 20.93	17.60 0.40 27.30	17.60 0.58 35.25	17.60 0.60 49.34	22.07 0.87 50.93	22.07 0.82 41.97	17.60 0.68 35.58	17.60 0.59 28.63	43.01 0.59 0.00
SENECA OSWGO___HYD 24041	36.92 -1.10 0.00	35.79 -1.11 0.00	34.30 -0.95 0.00	34.20 -0.95 0.00	35.44 -0.98 0.00	42.44 -1.27 0.00	61.03 -2.08 0.00	75.69 -2.58 0.00	60.61 -2.13 0.00	40.00 -1.36 0.00	39.94 -1.19 0.00	37.34 -1.12 0.00	35.02 -1.12 0.00	34.68 -1.07 0.00	33.91 -1.09 0.00	37.08 -1.19 0.00	42.94 -1.56 0.00	50.34 -1.93 0.00	64.09 -2.26 0.00	69.60 -2.53 0.00	60.95 -2.27 0.00	50.61 -1.89 0.00	43.95 -1.69 0.00	40.97 -1.44 0.00
SENECA___115KV_TB3 355854	37.61 -0.42 0.00	36.49 -0.41 0.00	35.11 -0.14 0.00	34.86 -0.28 0.00	36.27 -0.15 0.00	43.58 -0.13 0.00	60.77 -2.34 0.00	74.04 -4.23 0.00	59.48 -3.26 0.00	39.63 -1.74 0.00	39.61 -1.52 0.00	36.80 -1.65 0.00	34.51 -1.63 0.00	34.29 -1.47 0.00	33.31 -1.68 0.00	36.43 -1.84 0.00	42.27 -2.22 0.00	49.40 -2.88 0.00	63.43 -2.92 0.00	68.02 -4.11 0.00	59.05 -4.17 0.00	49.61 -2.89 0.00	43.35 -2.28 0.00	41.19 -1.23 0.00
SENECA___ENERGY 23797	37.49 -0.53 0.00	36.34 -0.55 0.00	34.90 -0.35 0.00	34.72 -0.42 0.00	36.06 -0.36 0.00	43.36 -0.35 0.00	61.97 -1.13 0.00	76.55 -1.72 0.00	61.42 -1.32 0.00	40.54 -0.83 0.00	40.31 -0.82 0.00	37.65 -0.81 0.00	35.31 -0.83 0.00	34.97 -0.79 0.00	34.15 -0.84 0.00	37.38 -0.88 0.00	43.39 -1.11 0.00	50.97 -1.30 0.00	65.08 -1.26 0.00	70.47 -1.66 0.00	61.64 -1.58 0.00	51.29 -1.21 0.00	44.50 -1.14 0.00	41.57 -0.85 0.00
SHOEMAKER___GT 23640	38.83 0.80 0.00	37.59 0.70 0.00	35.81 0.56 0.00	35.67 0.53 0.00	36.86 0.44 0.00	44.32 0.61 0.00	64.12 1.01 0.00	79.75 1.48 0.00	63.88 1.13 0.00	42.27 0.91 0.00	41.83 0.70 0.00	39.11 0.65 0.00	36.75 0.61 0.00	36.33 0.57 0.00	35.62 0.63 0.00	38.87 0.61 0.00	45.43 0.94 0.00	53.48 1.20 0.00	67.80 1.46 0.00	74.08 1.95 0.00	64.93 1.71 0.00	53.91 1.42 0.00	46.91 1.28 0.00	43.43 1.02 0.00
SHOEMAKR_138KV_BK 111 55601	38.79 0.76 0.00	37.56 0.66 0.00	35.78 0.53 0.00	35.64 0.49 0.00	36.82 0.40 0.00	44.28 0.57 0.00	64.12 1.01 0.00	79.76 1.49 0.00	63.87 1.13 0.00	42.32 0.95 0.00	41.83 0.70 0.00	39.11 0.65 0.00	36.79 0.65 0.00	36.36 0.61 0.00	35.66 0.66 0.00	38.91 0.65 0.00	45.48 0.98 0.00	53.48 1.20 0.00	67.80 1.46 0.00	74.00 1.88 0.00	64.93 1.71 0.00	53.86 1.36 0.00	46.82 1.19 0.00	43.39 0.98 0.00
SHOREHAM_IC_1 23715	39.17 1.14 0.00	38.04 1.14 0.00	35.78 0.53 0.00	35.53 0.39 0.00	36.75 0.33 0.00	44.15 0.44 0.00	64.12 1.01 0.00	80.23 1.96 0.00	63.56 0.81 0.00	42.23 0.87 0.00	41.83 0.70 0.00	39.22 0.77 0.00	36.39 0.25 0.00	36.04 0.28 0.00	35.52 0.53 0.00	39.26 0.99 0.00	45.39 0.89 0.00	54.21 1.94 0.00	68.20 1.86 0.00	75.30 3.17 0.00	66.38 3.16 0.00	54.17 1.68 0.00	47.37 1.73 0.00	43.35 0.93 0.00
SHOREHAM_IC_2 23716	39.17 1.14 0.00	38.04 1.14 0.00	35.78 0.53 0.00	35.53 0.39 0.00	36.75 0.33 0.00	44.15 0.44 0.00	64.12 1.01 0.00	80.23 1.96 0.00	63.56 0.81 0.00	42.23 0.87 0.00	41.83 0.70 0.00	39.22 0.77 0.00	36.39 0.25 0.00	36.04 0.28 0.00	35.52 0.53 0.00	39.26 0.99 0.00	45.39 0.89 0.00	54.21 1.94 0.00	68.20 1.86 0.00	75.30 3.17 0.00	66.38 3.16 0.00	54.17 1.68 0.00	47.37 1.73 0.00	43.35 0.93 0.00
SISSONVILLE____ 23735	37.95 -0.08 0.00	36.97 0.07 0.00	35.25 0.00 0.00	35.32 0.18 0.00	36.82 0.40 0.00	44.19 0.48 0.00	64.31 1.20 0.00	79.44 1.17 0.00	64.00 1.25 0.00	41.61 0.25 0.00	41.34 0.21 0.00	38.61 0.15 0.00	36.24 0.11 0.00	35.90 0.14 0.00	35.10 0.10 0.00	38.49 0.23 0.00	44.81 0.31 0.00	52.90 0.63 0.00	67.41 1.06 0.00	72.92 0.79 0.00	64.17 0.95 0.00	53.18 0.68 0.00	46.00 0.37 0.00	42.59 0.17 0.00
SITHE_IND_GS1 24169	36.66 -1.37 0.00	35.57 -1.33 0.00	34.05 -1.20 0.00	33.95 -1.20 0.00	35.18 -1.24 0.00	42.14 -1.57 0.00	60.52 -2.59 0.00	74.99 -3.28 0.00	60.17 -2.58 0.00	39.75 -1.61 0.00	39.74 -1.40 0.00	37.11 -1.35 0.00	34.87 -1.27 0.00	34.54 -1.22 0.00	33.77 -1.23 0.00	36.92 -1.34 0.00	42.72 -1.78 0.00	49.98 -2.30 0.00	63.49 -2.85 0.00	68.96 -3.17 0.00	60.38 -2.84 0.00	50.13 -2.36 0.00	43.63 -2.01 0.00	40.64 -1.78 0.00
SITHE_IND_GS2 24170	36.66 -1.37 0.00	35.57 -1.33 0.00	34.05 -1.20 0.00	33.95 -1.20 0.00	35.18 -1.24 0.00	42.14 -1.57 0.00	60.52 -2.59 0.00	74.99 -3.28 0.00	60.17 -2.58 0.00	39.75 -1.61 0.00	39.74 -1.40 0.00	37.11 -1.35 0.00	34.87 -1.27 0.00	34.54 -1.22 0.00	33.77 -1.23 0.00	36.92 -1.34 0.00	42.72 -1.78 0.00	49.98 -2.30 0.00	63.49 -2.85 0.00	68.96 -3.17 0.00	60.38 -2.84 0.00	50.13 -2.36 0.00	43.63 -2.01 0.00	40.64 -1.78 0.00
SITHE_IND_GS3 24171	36.66 -1.37 0.00	35.57 -1.33 0.00	34.05 -1.20 0.00	33.95 -1.20 0.00	35.18 -1.24 0.00	42.14 -1.57 0.00	60.52 -2.59 0.00	74.99 -3.28 0.00	60.17 -2.58 0.00	39.75 -1.61 0.00	39.74 -1.40 0.00	37.11 -1.35 0.00	34.87 -1.27 0.00	34.54 -1.22 0.00	33.77 -1.23 0.00	36.92 -1.34 0.00	42.72 -1.78 0.00	49.98 -2.30 0.00	63.49 -2.85 0.00	68.96 -3.17 0.00	60.38 -2.84 0.00	50.13 -2.36 0.00	43.63 -2.01 0.00	40.64 -1.78 0.00
SITHE_IND_GS4 24172	36.66 -1.37 0.00	35.57 -1.33 0.00	34.05 -1.20 0.00	33.95 -1.20 0.00	35.18 -1.24 0.00	42.14 -1.57 0.00	60.52 -2.59 0.00	74.99 -3.28 0.00	60.17 -2.58 0.00	39.75 -1.61 0.00	39.74 -1.40 0.00	37.11 -1.35 0.00	34.87 -1.27 0.00	34.54 -1.22 0.00	33.77 -1.23 0.00	36.92 -1.34 0.00	42.72 -1.78 0.00	49.98 -2.30 0.00	63.49 -2.85 0.00	68.96 -3.17 0.00	60.38 -2.84 0.00	50.13 -2.36 0.00	43.63 -2.01 0.00	40.64 -1.78 0.00

SITHE___BATAVIA 24024	37.80 -0.23 0.00	36.64 -0.26 0.00	35.35 0.11 0.00	35.11 -0.04 0.00	36.53 0.11 0.00	43.93 0.22 0.00	61.53 -1.58 0.00	75.22 -3.05 0.00	60.68 -2.07 0.00	40.00 -1.36 0.00	39.82 -1.32 0.00	37.07 -1.38 0.00	34.80 -1.34 0.00	34.58 -1.18 0.00	33.59 -1.40 0.00	36.89 -1.38 0.00	42.81 -1.69 0.00	50.29 -1.99 0.00	64.56 -1.79 0.00	69.46 -2.67 0.00	60.57 -2.65 0.00	50.66 -1.84 0.00	44.08 -1.55 0.00	41.52 -0.89 0.00
SITHE___INDEPEND 23800	36.66 -1.37 0.00	35.57 -1.33 0.00	34.09 -1.16 0.00	33.95 -1.19 0.00	35.18 -1.24 0.00	42.14 -1.57 0.00	60.52 -2.59 0.00	75.06 -3.21 0.00	60.17 -2.57 0.00	39.75 -1.61 0.00	39.74 -1.40 0.00	37.15 -1.31 0.00	34.87 -1.26 0.00	34.54 -1.22 0.00	33.77 -1.22 0.00	36.92 -1.34 0.00	42.72 -1.78 0.00	49.97 -2.30 0.00	63.49 -2.85 0.00	68.95 -3.17 0.00	60.38 -2.85 0.00	50.13 -2.36 0.00	43.63 -2.01 0.00	40.64 -1.78 0.00
SITHE___MASSENA 23902	38.45 0.42 0.00	37.48 0.59 0.00	35.74 0.49 0.00	35.70 0.56 0.00	37.22 0.80 0.00	44.63 0.92 0.00	64.75 1.64 0.00	79.92 1.65 0.00	64.37 1.63 0.00	42.02 0.66 0.00	41.79 0.66 0.00	39.07 0.61 0.00	36.71 0.58 0.00	36.36 0.61 0.00	35.55 0.56 0.00	38.91 0.65 0.00	45.30 0.80 0.00	53.37 1.10 0.00	67.87 1.53 0.00	73.43 1.30 0.00	64.61 1.39 0.00	53.60 1.10 0.00	46.50 0.86 0.00	43.09 0.68 0.00
SITHE___OGDNSBRG 24021	38.90 0.87 0.00	37.89 1.00 0.00	36.13 0.88 0.00	36.16 1.02 0.00	37.73 1.31 0.00	45.29 1.57 0.00	65.82 2.71 0.00	81.32 3.05 0.00	65.38 2.64 0.00	42.44 1.08 0.00	42.12 0.99 0.00	39.30 0.85 0.00	36.89 0.76 0.00	36.54 0.79 0.00	35.73 0.73 0.00	39.14 0.88 0.00	45.66 1.16 0.00	54.00 1.73 0.00	68.93 2.59 0.00	74.65 2.52 0.00	65.69 2.47 0.00	54.44 1.94 0.00	47.09 1.46 0.00	43.60 1.19 0.00
SITHE___STERLING 23777	38.90 0.88 0.00	37.67 0.78 0.00	36.02 0.77 0.00	35.95 0.81 0.00	37.29 0.87 0.00	44.81 1.09 0.00	64.69 1.58 0.00	80.54 2.27 0.00	64.50 1.75 0.00	42.27 0.91 0.00	41.96 0.82 0.00	39.22 0.77 0.00	36.79 0.65 0.00	36.43 0.68 0.00	35.66 0.66 0.00	39.07 0.80 0.00	45.48 0.98 0.00	53.58 1.31 0.00	68.27 1.93 0.00	74.22 2.09 0.00	64.80 1.58 0.00	53.75 1.26 0.00	46.55 0.91 0.00	43.26 0.85 0.00
SLEIGHT__34_KV_TB1 80719	37.11 -0.91 0.00	36.05 -0.85 0.00	34.61 -0.63 0.00	34.44 -0.70 0.00	35.76 -0.66 0.00	42.97 -0.74 0.00	61.15 -1.96 0.00	75.77 -2.50 0.00	60.67 -2.07 0.00	40.04 -1.32 0.00	39.94 -1.19 0.00	37.22 -1.23 0.00	34.94 -1.19 0.00	34.65 -1.11 0.00	33.84 -1.15 0.00	37.04 -1.22 0.00	42.94 -1.56 0.00	50.39 -1.88 0.00	64.42 -1.92 0.00	69.68 -2.45 0.00	60.82 -2.40 0.00	50.60 -1.89 0.00	43.90 -1.73 0.00	41.06 -1.36 0.00
SOUTH CAIRO___GT 23612	40.35 2.32 0.00	39.03 2.14 0.00	37.22 1.97 0.00	37.08 1.93 0.00	38.39 1.97 0.00	46.34 2.62 0.00	67.21 4.10 0.00	83.51 5.24 0.00	66.82 4.08 0.00	43.39 2.03 0.00	42.74 1.60 0.00	39.88 1.42 0.00	37.44 1.30 0.00	37.01 1.25 0.00	35.94 0.94 0.00	32.03 1.19 7.41	36.52 1.69 9.67	42.19 2.40 12.49	52.58 3.72 17.48	58.56 4.47 18.04	52.34 3.98 14.87	43.04 3.15 12.60	38.05 2.56 10.14	44.71 2.29 0.00
SOUTH HAMPTN___IC 23720	39.47 1.44 0.00	38.30 1.40 0.00	36.06 0.81 0.00	35.78 0.63 0.00	36.97 0.55 0.00	44.45 0.74 0.00	64.62 1.51 0.00	81.01 2.74 0.00	64.31 1.57 0.00	42.69 1.32 0.00	42.04 0.90 0.00	39.49 1.04 0.00	36.82 0.68 0.00	36.58 0.82 0.00	36.08 1.09 0.00	39.83 1.57 0.00	46.10 1.60 0.00	55.09 2.82 0.00	69.20 2.85 0.00	76.38 4.25 0.00	67.08 3.86 0.00	54.75 2.26 0.00	47.78 2.15 0.00	43.90 1.48 0.00
SOUTHDOW_115KV_TB1 355954	38.52 0.49 0.00	37.26 0.37 0.00	35.81 0.56 0.00	35.57 0.42 0.00	37.04 0.62 0.00	44.59 0.87 0.00	63.05 -0.06 0.00	76.71 -1.57 0.00	61.49 -1.25 0.00	40.95 -0.41 0.00	40.85 -0.29 0.00	37.92 -0.54 0.00	35.52 -0.61 0.00	35.25 -0.50 0.00	34.15 -0.84 0.00	37.38 -0.88 0.00	43.43 -1.07 0.00	51.18 -1.10 0.00	66.15 -0.20 0.00	71.26 -0.87 0.00	61.90 -1.33 0.00	51.76 -0.73 0.00	45.09 -0.55 0.00	42.76 0.34 0.00
SOUTHOLD_69_KV_BK 2 55809	39.24 1.22 0.00	37.89 1.00 0.00	35.92 0.67 0.00	35.64 0.49 0.00	36.93 0.51 0.00	44.32 0.61 0.00	64.50 1.39 0.00	80.93 2.66 0.00	64.31 1.57 0.00	43.14 1.78 0.00	41.75 0.62 0.00	39.34 0.88 0.00	36.89 0.76 0.00	36.76 1.00 0.00	36.36 1.36 0.00	40.14 1.87 0.00	46.37 1.87 0.00	55.46 3.19 0.00	69.46 3.12 0.00	76.60 4.47 0.00	67.21 3.98 0.00	54.70 2.20 0.00	47.64 2.01 0.00	43.94 1.53 0.00
SOUTHOLD___IC 23719	39.44 1.41 0.00	38.26 1.37 0.00	35.95 0.70 0.00	35.64 0.49 0.00	36.86 0.44 0.00	44.32 0.61 0.00	64.50 1.39 0.00	80.85 2.58 0.00	64.31 1.57 0.00	42.65 1.28 0.00	41.75 0.62 0.00	39.34 0.89 0.00	36.82 0.68 0.00	36.72 0.97 0.00	36.32 1.33 0.00	40.06 1.80 0.00	46.32 1.83 0.00	55.46 3.19 0.00	69.46 3.12 0.00	76.60 4.47 0.00	67.14 3.92 0.00	54.75 2.26 0.00	47.73 2.10 0.00	44.03 1.61 0.00
SOUTH_FORK_WT_PWR 323839	39.13 1.10 0.00	37.96 1.07 0.00	35.60 0.35 0.00	35.29 0.14 0.00	36.46 0.04 0.00	43.89 0.18 0.00	63.87 0.76 0.00	80.07 1.80 0.00	63.75 1.00 0.00	42.27 0.91 0.00	41.22 0.08 0.00	38.95 0.50 0.00	36.60 0.47 0.00	36.65 0.89 0.00	36.29 1.30 0.00	40.02 1.76 0.00	46.23 1.73 0.00	55.36 3.08 0.00	69.13 2.79 0.00	76.09 3.96 0.00	66.63 3.41 0.00	54.28 1.79 0.00	47.28 1.64 0.00	43.77 1.36 0.00
SPIERFLS_115KV_TB 1 80737	39.17 1.14 0.00	38.00 1.11 0.00	36.20 0.95 0.00	36.13 0.98 0.00	37.44 1.02 0.00	45.20 1.49 0.00	65.44 2.34 0.00	81.64 3.37 0.00	65.25 2.51 0.00	42.52 1.16 0.00	41.79 0.66 0.00	39.11 0.65 0.00	36.82 0.69 0.00	36.43 0.68 0.00	35.73 0.73 0.00	39.26 0.99 0.00	45.92 1.42 0.00	54.16 1.88 0.00	68.93 2.59 0.00	75.37 3.25 0.00	65.94 2.72 0.00	54.65 2.15 0.00	48.78 3.15 0.00	45.39 2.97 0.00
ST LAWRENCE____ 23600	38.10 0.08 0.00	37.08 0.19 0.00	35.39 0.14 0.00	35.36 0.21 0.00	36.75 0.33 0.00	44.10 0.39 0.00	63.93 0.82 0.00	79.05 0.78 0.00	63.56 0.81 0.00	41.69 0.33 0.00	41.46 0.33 0.00	38.73 0.27 0.00	36.42 0.29 0.00	36.04 0.28 0.00	35.27 0.28 0.00	38.61 0.34 0.00	44.90 0.40 0.00	52.85 0.58 0.00	67.08 0.73 0.00	72.70 0.57 0.00	63.86 0.63 0.00	52.97 0.47 0.00	46.00 0.36 0.00	42.67 0.26 0.00
STATE_CA_115KV_115_LB 55624	39.28 1.25 0.00	38.07 1.18 0.00	36.27 1.02 0.00	36.16 1.02 0.00	37.40 0.98 0.00	44.98 1.27 0.00	65.06 1.96 0.00	80.78 2.50 0.00	64.88 2.13 0.00	42.69 1.32 0.00	42.33 1.19 0.00	39.61 1.15 0.00	37.22 1.08 0.00	36.83 1.07 0.00	35.90 0.91 0.00	39.26 0.99 0.00	45.79 1.29 0.00	53.84 1.57 0.00	68.20 1.86 0.00	74.36 2.24 0.00	65.25 2.02 0.00	54.17 1.68 0.00	47.09 1.46 0.00	43.77 1.36 0.00

STATE_ST_34_KV_LOAD 55959	37.65 -0.38 0.00	36.53 -0.37 0.00	35.04 -0.21 0.00	34.86 -0.28 0.00	36.17 -0.25 0.00	43.45 -0.26 0.00	62.41 -0.69 0.00	77.33 -0.94 0.00	61.93 -0.82 0.00	40.87 -0.50 0.00	40.68 -0.45 0.00	37.99 -0.46 0.00	35.67 -0.47 0.00	35.33 -0.43 0.00	34.50 -0.49 0.00	37.77 -0.50 0.00	43.83 -0.67 0.00	51.44 -0.84 0.00	65.62 -0.73 0.00	71.26 -0.87 0.00	62.34 -0.89 0.00	51.71 -0.79 0.00	44.86 -0.78 0.00	41.82 -0.59 0.00
STATION 5_MISC_HYD 23604	37.15 -0.87 0.00	36.05 -0.85 0.00	34.68 -0.57 0.00	34.48 -0.67 0.00	35.80 -0.62 0.00	43.01 -0.70 0.00	60.71 -2.40 0.00	74.59 -3.68 0.00	60.11 -2.63 0.00	39.75 -1.61 0.00	39.61 -1.52 0.00	36.95 -1.50 0.00	34.73 -1.41 0.00	34.47 -1.29 0.00	33.56 -1.44 0.00	36.81 -1.45 0.00	42.67 -1.83 0.00	50.03 -2.25 0.00	63.96 -2.39 0.00	68.88 -3.24 0.00	60.19 -3.03 0.00	50.19 -2.31 0.00	43.67 -1.96 0.00	40.97 -1.44 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.69 -0.34 0.00	36.64 -0.26 0.00	35.14 -0.11 0.00	34.97 -0.18 0.00	36.31 -0.11 0.00	43.67 -0.04 0.00	62.16 -0.95 0.00	77.02 -1.25 0.00	61.74 -1.00 0.00	40.70 -0.66 0.00	40.56 -0.58 0.00	37.76 -0.69 0.00	35.45 -0.69 0.00	35.15 -0.61 0.00	34.33 -0.66 0.00	37.61 -0.65 0.00	43.65 -0.85 0.00	51.28 -0.99 0.00	65.42 -0.93 0.00	70.90 -1.23 0.00	61.90 -1.33 0.00	51.50 -1.00 0.00	44.63 -1.00 0.00	41.70 -0.72 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.96 -1.06 0.00	35.93 -0.96 0.00	34.47 -0.78 0.00	34.30 -0.84 0.00	35.62 -0.80 0.00	42.75 -0.96 0.00	60.46 -2.65 0.00	74.67 -3.60 0.00	59.92 -2.82 0.00	39.63 -1.74 0.00	39.57 -1.56 0.00	36.84 -1.62 0.00	34.62 -1.52 0.00	34.32 -1.43 0.00	33.49 -1.50 0.00	36.69 -1.57 0.00	42.54 -1.96 0.00	49.87 -2.40 0.00	63.69 -2.65 0.00	68.81 -3.32 0.00	60.00 -3.22 0.00	50.03 -2.47 0.00	43.49 -2.14 0.00	40.81 -1.61 0.00
STA_56___34_KV_BUS2 355983	36.96 -1.06 0.00	35.93 -0.96 0.00	34.47 -0.78 0.00	34.30 -0.84 0.00	35.62 -0.80 0.00	42.75 -0.96 0.00	60.46 -2.65 0.00	74.67 -3.60 0.00	59.92 -2.82 0.00	39.63 -1.74 0.00	39.57 -1.56 0.00	36.84 -1.62 0.00	34.62 -1.52 0.00	34.32 -1.43 0.00	33.49 -1.50 0.00	36.69 -1.57 0.00	42.54 -1.96 0.00	49.87 -2.40 0.00	63.69 -2.65 0.00	68.81 -3.32 0.00	60.00 -3.22 0.00	50.03 -2.47 0.00	43.49 -2.14 0.00	40.81 -1.61 0.00
STA_67___115KV_BK2 355882	37.08 -0.95 0.00	36.05 -0.85 0.00	34.61 -0.63 0.00	34.44 -0.70 0.00	35.73 -0.69 0.00	42.93 -0.79 0.00	60.52 -2.59 0.00	74.67 -3.60 0.00	59.92 -2.82 0.00	39.67 -1.70 0.00	39.61 -1.52 0.00	36.88 -1.58 0.00	34.65 -1.48 0.00	34.36 -1.39 0.00	33.52 -1.47 0.00	36.73 -1.53 0.00	42.58 -1.91 0.00	49.87 -2.40 0.00	63.76 -2.59 0.00	68.81 -3.32 0.00	60.00 -3.22 0.00	50.08 -2.41 0.00	43.58 -2.05 0.00	40.89 -1.53 0.00
STA_7___115KV_9TRANS 80674	37.30 -0.72 0.00	36.30 -0.59 0.00	34.83 -0.42 0.00	34.65 -0.49 0.00	35.98 -0.44 0.00	43.23 -0.48 0.00	60.96 -2.15 0.00	75.30 -2.97 0.00	60.42 -2.32 0.00	39.96 -1.41 0.00	39.90 -1.23 0.00	37.15 -1.31 0.00	34.91 -1.23 0.00	34.61 -1.14 0.00	33.77 -1.22 0.00	37.00 -1.26 0.00	42.94 -1.56 0.00	50.34 -1.93 0.00	64.29 -2.06 0.00	69.46 -2.67 0.00	60.57 -2.66 0.00	50.50 -1.99 0.00	43.90 -1.73 0.00	41.19 -1.23 0.00
STA_82___115KV_TB1 80780	37.08 -0.95 0.00	36.05 -0.85 0.00	34.61 -0.63 0.00	34.44 -0.70 0.00	35.76 -0.66 0.00	42.93 -0.79 0.00	60.58 -2.52 0.00	74.75 -3.52 0.00	59.92 -2.82 0.00	39.67 -1.70 0.00	39.61 -1.52 0.00	36.88 -1.58 0.00	34.65 -1.48 0.00	34.36 -1.39 0.00	33.52 -1.47 0.00	36.73 -1.53 0.00	42.58 -1.91 0.00	49.87 -2.40 0.00	63.76 -2.59 0.00	68.88 -3.25 0.00	60.00 -3.22 0.00	50.08 -2.41 0.00	43.58 -2.05 0.00	40.89 -1.53 0.00
STEEL___WIND 323596	37.57 -0.45 0.00	36.34 -0.55 0.00	35.07 -0.18 0.00	34.83 -0.32 0.00	36.24 -0.18 0.00	43.58 -0.13 0.00	60.71 -2.40 0.00	73.65 -4.62 0.00	59.42 -3.33 0.00	39.50 -1.86 0.00	39.41 -1.73 0.00	36.73 -1.73 0.00	34.47 -1.66 0.00	34.22 -1.54 0.00	33.21 -1.78 0.00	36.39 -1.87 0.00	42.23 -2.27 0.00	49.40 -2.88 0.00	63.36 -2.98 0.00	67.66 -4.47 0.00	58.99 -4.24 0.00	49.56 -2.94 0.00	43.31 -2.33 0.00	41.15 -1.27 0.00
STEPHTWN_115KV_BK_2 55603	39.62 1.60 0.00	38.37 1.48 0.00	36.55 1.30 0.00	36.44 1.30 0.00	37.73 1.31 0.00	45.37 1.66 0.00	65.70 2.59 0.00	81.64 3.37 0.00	65.51 2.76 0.00	42.98 1.61 0.00	42.53 1.40 0.00	39.84 1.38 0.00	37.44 1.30 0.00	37.01 1.25 0.00	36.04 1.05 0.00	39.02 1.15 0.39	45.50 1.51 0.51	53.54 1.93 0.66	67.80 2.39 0.93	73.98 2.81 0.96	64.90 2.47 0.79	53.87 2.05 0.67	46.83 1.73 0.54	44.03 1.61 0.00
STEUBEN_REC_LFGE 323667	38.29 0.27 0.00	37.12 0.22 0.00	35.81 0.56 0.00	35.60 0.46 0.00	37.04 0.62 0.00	44.54 0.83 0.00	62.86 -0.25 0.00	77.25 -1.02 0.00	61.80 -0.94 0.00	40.83 -0.54 0.00	40.48 -0.66 0.00	37.72 -0.73 0.00	35.30 -0.83 0.00	34.97 -0.79 0.00	34.08 -0.91 0.00	37.27 -0.99 0.00	43.43 -1.07 0.00	51.12 -1.15 0.00	65.68 -0.66 0.00	70.90 -1.23 0.00	61.71 -1.52 0.00	51.50 -1.00 0.00	44.72 -0.91 0.00	42.04 -0.38 0.00
STILLWATER___SOLAR 323814	39.39 1.37 0.00	38.18 1.29 0.00	36.41 1.16 0.00	36.30 1.16 0.00	37.59 1.17 0.00	45.28 1.57 0.00	65.51 2.40 0.00	81.63 3.36 0.00	65.07 2.32 0.00	42.90 1.53 0.00	42.41 1.28 0.00	39.65 1.19 0.00	37.29 1.16 0.00	36.86 1.11 0.00	36.18 1.19 0.00	39.75 1.49 0.00	46.45 1.96 0.00	54.37 2.09 0.00	69.07 2.72 0.00	75.45 3.32 0.00	66.13 2.91 0.00	54.75 2.26 0.00	47.64 2.01 0.00	44.28 1.86 0.00
STONY___BROOK 24151	39.70 1.67 0.00	38.41 1.51 0.00	36.38 1.13 0.00	36.13 0.98 0.00	37.37 0.95 0.00	44.93 1.22 0.00	65.13 2.02 0.00	81.48 3.21 0.00	65.00 2.26 0.00	43.27 1.90 0.00	42.74 1.60 0.00	40.03 1.58 0.00	37.33 1.19 0.00	36.97 1.22 0.00	36.39 1.40 0.00	39.91 1.64 0.00	46.50 2.00 0.00	55.25 2.98 0.00	69.60 3.25 0.00	76.75 4.62 0.00	67.27 4.05 0.00	55.33 2.83 0.00	48.37 2.74 0.00	44.28 1.86 0.00
STURGEON_POOL_HYD 23609	39.24 1.22 0.00	37.93 1.03 0.00	36.13 0.88 0.00	35.95 0.81 0.00	37.15 0.73 0.00	44.72 1.01 0.00	64.88 1.77 0.00	80.78 2.50 0.00	64.56 1.82 0.00	42.73 1.37 0.00	42.20 1.07 0.00	39.42 0.96 0.00	37.04 0.90 0.00	36.58 0.82 0.00	35.90 0.91 0.00	37.64 1.03 1.66	43.85 1.51 2.16	51.42 1.93 2.79	64.69 2.26 3.91	70.98 2.89 4.03	62.55 2.66 3.32	51.88 2.20 2.82	45.19 1.83 2.27	43.86 1.44 0.00
ST_LAW_115_BK7_LBMP 345037	38.10 0.08 0.00	37.12 0.22 0.00	35.43 0.18 0.00	35.39 0.25 0.00	36.78 0.36 0.00	44.15 0.44 0.00	63.99 0.88 0.00	79.13 0.86 0.00	63.69 0.94 0.00	41.69 0.33 0.00	41.46 0.33 0.00	38.76 0.31 0.00	36.42 0.29 0.00	36.04 0.28 0.00	35.27 0.28 0.00	38.61 0.34 0.00	44.90 0.40 0.00	52.90 0.63 0.00	67.14 0.80 0.00	72.78 0.65 0.00	63.92 0.70 0.00	53.07 0.58 0.00	46.04 0.41 0.00	42.72 0.30 0.00

ST_LAW_115_BK8_LBMP 345038	38.10 0.08 0.00	37.12 0.22 0.00	35.43 0.18 0.00	35.39 0.25 0.00	36.78 0.36 0.00	44.15 0.44 0.00	63.99 0.88 0.00	79.13 0.86 0.00	63.69 0.94 0.00	41.69 0.33 0.00	41.46 0.33 0.00	38.76 0.31 0.00	36.42 0.29 0.00	36.04 0.28 0.00	35.27 0.28 0.00	38.61 0.34 0.00	44.90 0.40 0.00	52.90 0.63 0.00	67.14 0.80 0.00	72.78 0.65 0.00	63.92 0.70 0.00	53.07 0.58 0.00	46.04 0.41 0.00	42.72 0.30 0.00
ST_LAW_230_BK5_LBMP 345035	38.10 0.08 0.00	37.08 0.19 0.00	35.39 0.14 0.00	35.36 0.21 0.00	36.75 0.33 0.00	44.10 0.39 0.00	63.93 0.82 0.00	79.05 0.78 0.00	63.56 0.81 0.00	41.69 0.33 0.00	41.46 0.33 0.00	38.73 0.27 0.00	36.42 0.29 0.00	36.04 0.28 0.00	35.27 0.28 0.00	38.61 0.34 0.00	44.90 0.40 0.00	52.85 0.58 0.00	67.08 0.73 0.00	72.70 0.57 0.00	63.86 0.63 0.00	52.97 0.47 0.00	46.00 0.36 0.00	42.67 0.26 0.00
ST_LAW_230_BK6_LBMP 345036	38.10 0.08 0.00	37.08 0.19 0.00	35.39 0.14 0.00	35.36 0.21 0.00	36.75 0.33 0.00	44.10 0.39 0.00	63.93 0.82 0.00	79.05 0.78 0.00	63.56 0.81 0.00	41.69 0.33 0.00	41.46 0.33 0.00	38.73 0.27 0.00	36.42 0.29 0.00	36.04 0.28 0.00	35.27 0.28 0.00	38.61 0.34 0.00	44.90 0.40 0.00	52.85 0.58 0.00	67.08 0.73 0.00	72.70 0.57 0.00	63.86 0.63 0.00	52.97 0.47 0.00	46.00 0.36 0.00	42.67 0.26 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.86 0.84 0.00	37.60 0.70 0.00	35.81 0.56 0.00	35.67 0.53 0.00	36.82 0.40 0.00	44.32 0.61 0.00	64.24 1.14 0.00	79.91 1.64 0.00	64.00 1.25 0.00	42.44 1.08 0.00	41.96 0.82 0.00	39.22 0.77 0.00	36.89 0.76 0.00	36.47 0.72 0.00	35.76 0.77 0.00	38.99 0.73 0.00	45.61 1.11 0.00	53.69 1.41 0.00	67.94 1.59 0.00	74.22 2.09 0.00	65.12 1.90 0.00	54.02 1.52 0.00	46.96 1.32 0.00	43.44 1.02 0.00
SWANROAD_115KV_TB1 355699	36.24 -1.79 0.00	35.23 -1.66 0.00	33.87 -1.37 0.00	33.67 -1.48 0.00	35.00 -1.42 0.00	42.01 -1.70 0.00	58.25 -4.86 0.00	70.83 -7.44 0.00	56.97 -5.77 0.00	37.97 -3.39 0.00	38.01 -3.13 0.00	35.30 -3.15 0.00	33.14 -3.00 0.00	32.89 -2.86 0.00	32.02 -2.97 0.00	35.05 -3.21 0.00	40.63 -3.87 0.00	47.41 -4.86 0.00	60.84 -5.51 0.00	65.20 -6.92 0.00	56.58 -6.64 0.00	47.61 -4.88 0.00	41.66 -3.97 0.00	39.62 -2.80 0.00
SYNERGY___BIOGAS 323694	37.80 -0.23 0.00	36.64 -0.26 0.00	35.35 0.11 0.00	35.11 -0.04 0.00	36.53 0.11 0.00	43.93 0.22 0.00	61.53 -1.58 0.00	75.22 -3.05 0.00	60.68 -2.07 0.00	40.00 -1.36 0.00	39.82 -1.32 0.00	37.07 -1.38 0.00	34.80 -1.34 0.00	34.58 -1.18 0.00	33.59 -1.40 0.00	36.89 -1.38 0.00	42.81 -1.69 0.00	50.29 -1.99 0.00	64.56 -1.79 0.00	69.46 -2.67 0.00	60.57 -2.65 0.00	50.66 -1.84 0.00	44.08 -1.55 0.00	41.52 -0.89 0.00
SYRACUSE___ENERGY_ST1 323597	37.53 -0.49 0.00	36.41 -0.48 0.00	34.90 -0.35 0.00	34.76 -0.39 0.00	36.02 -0.40 0.00	43.19 -0.52 0.00	62.10 -1.01 0.00	77.02 -1.25 0.00	61.68 -1.07 0.00	40.70 -0.66 0.00	40.60 -0.53 0.00	37.92 -0.54 0.00	35.59 -0.54 0.00	35.25 -0.50 0.00	34.47 -0.52 0.00	37.69 -0.57 0.00	43.65 -0.85 0.00	51.23 -1.05 0.00	65.28 -1.06 0.00	70.83 -1.30 0.00	61.96 -1.26 0.00	51.44 -1.05 0.00	44.68 -0.96 0.00	41.65 -0.76 0.00
SYRACUSE___ENERGY_ST2 323598	37.53 -0.49 0.00	36.41 -0.48 0.00	34.90 -0.35 0.00	34.76 -0.39 0.00	36.02 -0.40 0.00	43.19 -0.52 0.00	62.10 -1.01 0.00	77.02 -1.25 0.00	61.68 -1.07 0.00	40.70 -0.66 0.00	40.60 -0.53 0.00	37.92 -0.54 0.00	35.59 -0.54 0.00	35.25 -0.50 0.00	34.47 -0.52 0.00	37.69 -0.57 0.00	43.65 -0.85 0.00	51.23 -1.05 0.00	65.28 -1.06 0.00	70.83 -1.30 0.00	61.96 -1.26 0.00	51.44 -1.05 0.00	44.68 -0.96 0.00	41.65 -0.76 0.00
SYRACUSE___POWER 24017	37.46 -0.57 0.00	36.34 -0.55 0.00	34.79 -0.46 0.00	34.65 -0.49 0.00	35.91 -0.51 0.00	43.10 -0.61 0.00	61.97 -1.14 0.00	76.86 -1.41 0.00	61.55 -1.19 0.00	40.62 -0.74 0.00	40.52 -0.62 0.00	37.84 -0.62 0.00	35.56 -0.58 0.00	35.18 -0.57 0.00	34.40 -0.59 0.00	37.65 -0.61 0.00	43.61 -0.89 0.00	51.12 -1.15 0.00	65.15 -1.19 0.00	70.76 -1.37 0.00	61.83 -1.39 0.00	51.34 -1.15 0.00	44.63 -1.00 0.00	41.57 -0.85 0.00
TALLMAN___138KV_BK151 55660	38.90 0.87 0.00	37.63 0.74 0.00	35.85 0.60 0.00	35.67 0.53 0.00	36.86 0.44 0.00	44.32 0.61 0.00	64.31 1.20 0.00	79.99 1.72 0.00	64.12 1.38 0.00	42.61 1.24 0.00	42.08 0.95 0.00	39.34 0.88 0.00	37.04 0.90 0.00	36.61 0.86 0.00	35.94 0.94 0.00	39.14 0.88 0.00	45.79 1.29 0.00	53.84 1.57 0.00	68.14 1.79 0.00	74.44 2.31 0.00	65.25 2.02 0.00	54.17 1.68 0.00	47.09 1.46 0.00	43.52 1.10 0.00
TEALLAVE_115KV_TB7 355573	37.30 -0.72 0.00	36.19 -0.70 0.00	34.68 -0.56 0.00	34.55 -0.60 0.00	35.80 -0.62 0.00	42.93 -0.79 0.00	61.66 -1.45 0.00	76.55 -1.72 0.00	61.30 -1.44 0.00	40.45 -0.91 0.00	40.39 -0.74 0.00	37.72 -0.73 0.00	35.45 -0.69 0.00	35.08 -0.68 0.00	34.29 -0.70 0.00	37.54 -0.73 0.00	43.43 -1.07 0.00	50.91 -1.36 0.00	64.82 -1.53 0.00	70.40 -1.73 0.00	61.52 -1.71 0.00	51.13 -1.36 0.00	44.40 -1.23 0.00	41.40 -1.02 0.00
TELGRAPH_34_KV_EAST 80808	37.08 -0.95 0.00	36.05 -0.85 0.00	34.68 -0.56 0.00	34.44 -0.70 0.00	35.80 -0.62 0.00	43.06 -0.66 0.00	59.95 -3.16 0.00	73.34 -4.93 0.00	58.85 -3.89 0.00	39.09 -2.28 0.00	39.08 -2.06 0.00	36.26 -2.19 0.00	34.04 -2.10 0.00	33.82 -1.93 0.00	32.89 -2.10 0.00	36.04 -2.22 0.00	41.83 -2.67 0.00	48.93 -3.35 0.00	62.76 -3.58 0.00	67.44 -4.69 0.00	58.61 -4.62 0.00	49.14 -3.36 0.00	42.90 -2.74 0.00	40.59 -1.82 0.00
TEMPLE___115KV_TB 2 55572	37.34 -0.68 0.00	36.23 -0.66 0.00	34.68 -0.56 0.00	34.55 -0.60 0.00	35.80 -0.62 0.00	42.97 -0.74 0.00	61.72 -1.39 0.00	76.55 -1.72 0.00	61.36 -1.38 0.00	40.50 -0.87 0.00	40.44 -0.70 0.00	37.76 -0.69 0.00	35.45 -0.69 0.00	35.11 -0.64 0.00	34.33 -0.66 0.00	37.54 -0.73 0.00	43.47 -1.02 0.00	50.91 -1.36 0.00	64.89 -1.46 0.00	70.40 -1.73 0.00	61.58 -1.64 0.00	51.13 -1.36 0.00	44.45 -1.19 0.00	41.44 -0.98 0.00
TIANA____69_KV_BK 1 55817	39.28 1.25 0.00	37.96 1.07 0.00	36.02 0.78 0.00	35.78 0.63 0.00	37.11 0.69 0.00	44.50 0.79 0.00	64.62 1.51 0.00	81.09 2.82 0.00	64.25 1.51 0.00	43.23 1.86 0.00	42.12 0.99 0.00	39.53 1.08 0.00	36.86 0.72 0.00	36.54 0.79 0.00	36.04 1.05 0.00	39.83 1.57 0.00	46.06 1.56 0.00	54.99 2.72 0.00	69.13 2.79 0.00	76.31 4.18 0.00	67.08 3.86 0.00	54.70 2.20 0.00	47.73 2.10 0.00	43.77 1.36 0.00
TILDEN___115KV_TB1 80814	37.46 -0.57 0.00	36.34 -0.55 0.00	34.79 -0.46 0.00	34.65 -0.49 0.00	35.91 -0.51 0.00	43.10 -0.61 0.00	61.97 -1.14 0.00	76.86 -1.41 0.00	61.55 -1.19 0.00	40.62 -0.74 0.00	40.52 -0.62 0.00	37.84 -0.62 0.00	35.56 -0.58 0.00	35.18 -0.57 0.00	34.40 -0.59 0.00	37.65 -0.61 0.00	43.61 -0.89 0.00	51.12 -1.15 0.00	65.15 -1.19 0.00	70.76 -1.37 0.00	61.83 -1.39 0.00	51.34 -1.15 0.00	44.63 -1.00 0.00	41.57 -0.85 0.00

TRIGEN___CC 323695	39.47 1.45 0.00	38.11 1.22 0.00	36.24 0.99 0.00	36.06 0.91 0.00	37.26 0.84 0.00	44.85 1.14 0.00	64.94 1.83 0.00	81.09 2.82 0.00	64.94 2.20 0.00	43.39 2.03 0.00	42.74 1.60 0.00	39.99 1.54 0.00	37.55 1.41 0.00	37.11 1.36 0.00	36.46 1.47 0.00	39.79 1.53 0.00	46.50 2.00 0.00	54.89 2.61 0.00	69.13 2.79 0.00	75.95 3.82 0.00	66.45 3.22 0.00	55.01 2.52 0.00	48.01 2.37 0.00	44.16 1.74 0.00
TRINITY___115KV___4 BK 55933	39.17 1.14 0.00	37.93 1.03 0.00	36.17 0.92 0.00	36.06 0.91 0.00	37.29 0.87 0.00	44.81 1.09 0.00	64.81 1.70 0.00	80.38 2.11 0.00	64.50 1.76 0.00	42.48 1.12 0.00	42.16 1.03 0.00	39.49 1.04 0.00	37.08 0.94 0.00	36.65 0.89 0.00	35.80 0.80 0.00	39.18 0.92 0.00	45.66 1.16 0.00	53.69 1.41 0.00	68.00 1.66 0.00	74.15 2.02 0.00	65.06 1.83 0.00	54.07 1.57 0.00	47.00 1.37 0.00	43.73 1.31 0.00
UNION___PROCESSING_DRP 323587	37.11 -0.91 0.00	36.08 -0.81 0.00	34.61 -0.63 0.00	34.44 -0.70 0.00	35.76 -0.66 0.00	42.93 -0.79 0.00	60.58 -2.52 0.00	74.75 -3.52 0.00	59.92 -2.82 0.00	39.67 -1.70 0.00	39.61 -1.52 0.00	36.92 -1.54 0.00	34.65 -1.48 0.00	34.40 -1.36 0.00	33.52 -1.47 0.00	36.73 -1.53 0.00	42.58 -1.91 0.00	49.92 -2.35 0.00	63.76 -2.59 0.00	68.88 -3.25 0.00	60.00 -3.22 0.00	50.08 -2.41 0.00	43.58 -2.05 0.00	40.93 -1.48 0.00
UPPER HUDSON___HYD 24058	39.17 1.14 0.00	38.00 1.11 0.00	36.20 0.95 0.00	36.13 0.98 0.00	37.44 1.02 0.00	45.24 1.53 0.00	65.44 2.34 0.00	82.03 3.76 0.00	65.38 2.63 0.00	43.80 2.44 0.00	43.07 1.93 0.00	40.30 1.85 0.00	37.94 1.81 0.00	37.51 1.75 0.00	36.81 1.82 0.00	40.37 2.10 0.00	47.17 2.67 0.00	54.31 2.04 0.00	68.93 2.58 0.00	75.45 3.32 0.00	65.94 2.72 0.00	54.54 2.05 0.00	47.46 1.83 0.00	44.12 1.70 0.00
UPPER RAQUET___HYD 24056	37.95 -0.08 0.00	37.01 0.11 0.00	35.25 0.00 0.00	35.32 0.18 0.00	36.82 0.40 0.00	44.19 0.48 0.00	64.30 1.20 0.00	79.45 1.18 0.00	64.00 1.25 0.00	41.61 0.25 0.00	41.34 0.21 0.00	38.61 0.15 0.00	36.24 0.11 0.00	35.90 0.14 0.00	35.13 0.14 0.00	38.49 0.23 0.00	44.81 0.31 0.00	52.90 0.63 0.00	67.40 1.06 0.00	72.92 0.79 0.00	64.17 0.95 0.00	53.18 0.68 0.00	46.00 0.36 0.00	42.59 0.17 0.00
VALLEY44_115KV_TB2 355964	37.80 -0.23 0.00	36.67 -0.22 0.00	35.28 0.04 0.00	35.04 -0.11 0.00	36.46 0.04 0.00	43.80 0.09 0.00	61.78 -1.33 0.00	74.91 -3.37 0.00	60.05 -2.70 0.00	39.96 -1.41 0.00	39.74 -1.40 0.00	36.92 -1.54 0.00	34.62 -1.52 0.00	34.40 -1.36 0.00	33.42 -1.57 0.00	36.46 -1.80 0.00	42.41 -2.09 0.00	49.76 -2.51 0.00	63.89 -2.45 0.00	68.74 -3.39 0.00	59.81 -3.41 0.00	50.08 -2.41 0.00	43.72 -1.92 0.00	41.57 -0.85 0.00
VALLEY___115KV_TB 1-4 80826	37.61 -0.42 0.00	36.53 -0.37 0.00	34.97 -0.28 0.00	34.97 -0.18 0.00	36.24 -0.18 0.00	43.58 -0.13 0.00	63.17 0.06 0.00	78.66 0.39 0.00	63.06 0.31 0.00	41.53 0.17 0.00	41.26 0.12 0.00	38.57 0.12 0.00	36.24 0.11 0.00	35.86 0.11 0.00	35.10 0.10 0.00	38.34 0.08 0.00	44.63 0.13 0.00	52.38 0.10 0.00	66.28 -0.07 0.00	71.91 -0.22 0.00	62.78 -0.44 0.00	51.97 -0.52 0.00	45.09 -0.55 0.00	41.87 -0.55 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.74 1.71 0.00	38.52 1.62 0.00	36.73 1.48 0.00	36.66 1.51 0.00	37.95 1.53 0.00	45.59 1.88 0.00	65.89 2.78 0.00	82.34 4.07 0.00	65.94 3.20 0.00	43.27 1.90 0.00	42.82 1.69 0.00	40.03 1.58 0.00	37.58 1.45 0.00	37.19 1.43 0.00	36.39 1.40 0.00	39.83 1.57 0.00	46.46 1.96 0.00	54.78 2.51 0.00	69.60 3.25 0.00	75.73 3.61 0.00	66.13 2.91 0.00	54.91 2.41 0.00	47.64 2.01 0.00	44.28 1.87 0.00
VISCHER___FERRY HYD 24020	39.17 1.14 0.00	37.93 1.03 0.00	36.16 0.91 0.00	36.02 0.88 0.00	37.29 0.87 0.00	44.81 1.09 0.00	64.87 1.76 0.00	80.54 2.27 0.00	64.31 1.57 0.00	42.44 1.07 0.00	42.08 0.95 0.00	39.38 0.92 0.00	37.04 0.90 0.00	36.58 0.82 0.00	35.90 0.91 0.00	39.37 1.11 0.00	45.88 1.38 0.00	53.95 1.67 0.00	68.40 2.06 0.00	74.58 2.45 0.00	65.50 2.27 0.00	54.33 1.84 0.00	47.28 1.64 0.00	43.94 1.52 0.00
V_A_10_SYNC_DSASP 323832	36.58 -1.45 0.00	35.42 -1.48 0.00	34.12 -1.13 0.00	33.91 -1.23 0.00	35.25 -1.17 0.00	42.31 -1.40 0.00	59.01 -4.10 0.00	71.93 -6.34 0.00	58.04 -4.71 0.00	38.59 -2.77 0.00	38.54 -2.59 0.00	35.96 -2.50 0.00	33.75 -2.39 0.00	33.50 -2.25 0.00	32.61 -2.38 0.00	35.74 -2.53 0.00	41.38 -3.12 0.00	48.41 -3.87 0.00	61.96 -4.38 0.00	66.36 -5.77 0.00	57.85 -5.37 0.00	48.56 -3.94 0.00	42.40 -3.24 0.00	40.13 -2.29 0.00
V_CMM_10_SYNC_DSASP 323787	38.33 0.30 0.00	37.34 0.44 0.00	35.64 0.39 0.00	35.60 0.46 0.00	37.04 0.62 0.00	44.45 0.74 0.00	64.44 1.33 0.00	79.60 1.33 0.00	64.06 1.32 0.00	41.90 0.54 0.00	41.67 0.53 0.00	38.95 0.50 0.00	36.60 0.47 0.00	36.26 0.50 0.00	35.45 0.45 0.00	38.84 0.57 0.00	45.17 0.67 0.00	53.16 0.89 0.00	67.54 1.20 0.00	73.14 1.01 0.00	64.30 1.07 0.00	53.39 0.89 0.00	46.32 0.69 0.00	42.97 0.55 0.00
V_CMP_10_SYNC_DSASP 323788	38.52 0.49 0.00	37.85 0.96 0.00	36.27 1.02 0.00	36.37 1.23 0.00	38.02 1.60 0.00	45.77 2.05 0.00	66.64 3.53 0.00	82.26 3.99 0.00	66.51 3.76 0.00	43.35 1.99 0.00	43.11 1.97 0.00	40.26 1.81 0.00	37.83 1.70 0.00	37.51 1.75 0.00	36.64 1.65 0.00	40.14 1.87 0.00	46.72 2.22 0.00	55.09 2.82 0.00	69.99 3.65 0.00	75.38 3.25 0.00	66.32 3.10 0.00	54.96 2.47 0.00	47.64 2.01 0.00	44.16 1.74 0.00
V_D_10_SYNC_DSASP 323841	38.45 0.42 0.00	37.48 0.59 0.00	35.74 0.49 0.00	35.70 0.56 0.00	37.22 0.80 0.00	44.63 0.92 0.00	64.75 1.64 0.00	79.92 1.65 0.00	64.37 1.63 0.00	42.02 0.66 0.00	41.79 0.66 0.00	39.07 0.61 0.00	36.71 0.58 0.00	36.36 0.61 0.00	35.55 0.56 0.00	38.91 0.65 0.00	45.30 0.80 0.00	53.37 1.10 0.00	67.87 1.53 0.00	73.43 1.30 0.00	64.61 1.39 0.00	53.60 1.10 0.00	46.50 0.86 0.00	43.09 0.68 0.00
V_E_10_SYNC_DSASP 323830	40.61 2.59 0.00	39.33 2.43 0.00	37.65 2.40 0.00	37.71 2.56 0.00	39.22 2.80 0.00	47.30 3.59 0.00	68.41 5.30 0.00	85.63 7.36 0.00	68.39 5.65 0.00	44.26 2.89 0.00	43.60 2.47 0.00	40.72 2.27 0.00	38.09 1.95 0.00	37.79 2.04 0.00	37.02 2.03 0.00	40.67 2.41 0.00	47.57 3.07 0.00	56.51 4.23 0.00	72.38 6.04 0.00	78.40 6.27 0.00	68.03 4.80 0.00	56.17 3.67 0.00	48.51 2.88 0.00	45.13 2.72 0.00
V_F_30_NSYNC___DSASP 323816	39.44 1.41 0.00	38.26 1.37 0.00	36.45 1.20 0.00	36.37 1.23 0.00	37.66 1.24 0.00	45.33 1.62 0.00	65.57 2.46 0.00	81.80 3.53 0.00	65.13 2.38 0.00	42.98 1.61 0.00	42.49 1.36 0.00	39.72 1.27 0.00	37.37 1.23 0.00	36.97 1.22 0.00	36.29 1.30 0.00	39.83 1.57 0.00	46.50 2.00 0.00	54.47 2.20 0.00	69.13 2.79 0.00	75.52 3.39 0.00	66.20 2.97 0.00	54.80 2.31 0.00	47.69 2.06 0.00	44.33 1.91 0.00

V_F_30_SYNC_DSASP 323786	39.28 1.25 0.00	38.04 1.14 0.00	36.27 1.02 0.00	36.16 1.02 0.00	37.40 0.98 0.00	44.98 1.27 0.00	65.06 1.96 0.00	80.78 2.50 0.00	64.82 2.07 0.00	42.69 1.32 0.00	42.33 1.19 0.00	39.61 1.15 0.00	37.22 1.08 0.00	36.83 1.07 0.00	35.90 0.91 0.00	39.26 0.99 0.00	45.79 1.29 0.00	53.84 1.57 0.00	68.20 1.86 0.00	74.36 2.24 0.00	65.25 2.02 0.00	54.17 1.68 0.00	47.09 1.46 0.00	43.82 1.40 0.00
V_XM_10_SYNC_DSASP 323789	38.52 0.49 0.00	37.85 0.96 0.00	36.27 1.02 0.00	36.37 1.23 0.00	38.02 1.60 0.00	45.77 2.05 0.00	66.64 3.53 0.00	82.26 3.99 0.00	66.51 3.76 0.00	43.35 1.99 0.00	43.11 1.97 0.00	40.26 1.81 0.00	37.83 1.70 0.00	37.51 1.75 0.00	36.64 1.65 0.00	40.14 1.87 0.00	46.72 2.22 0.00	55.09 2.82 0.00	69.99 3.65 0.00	75.38 3.25 0.00	66.32 3.10 0.00	54.96 2.47 0.00	47.64 2.01 0.00	44.16 1.74 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.05 1.03 0.00	37.78 0.89 0.00	35.95 0.70 0.00	35.81 0.67 0.00	36.97 0.55 0.00	44.50 0.79 0.00	64.50 1.39 0.00	80.38 2.11 0.00	64.38 1.63 0.00	42.73 1.37 0.00	42.25 1.11 0.00	39.49 1.04 0.00	37.15 1.01 0.00	36.72 0.97 0.00	36.04 1.05 0.00	39.26 0.99 0.00	45.92 1.42 0.00	54.05 1.78 0.00	68.40 2.06 0.00	74.80 2.67 0.00	65.56 2.34 0.00	54.38 1.89 0.00	47.28 1.64 0.00	43.69 1.27 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.40 1.37 0.00	38.11 1.22 0.00	36.24 0.99 0.00	36.09 0.95 0.00	37.22 0.80 0.00	44.85 1.14 0.00	65.00 1.89 0.00	81.01 2.74 0.00	64.88 2.13 0.00	43.23 1.86 0.00	42.70 1.56 0.00	39.92 1.46 0.00	37.65 1.52 0.00	37.26 1.50 0.00	36.57 1.57 0.00	39.72 1.45 0.00	46.55 2.05 0.00	54.73 2.46 0.00	69.00 2.65 0.00	75.45 3.32 0.00	66.07 2.85 0.00	54.80 2.31 0.00	47.69 2.05 0.00	44.07 1.65 0.00
W50THST__13_KV_LOAD 356117	39.59 1.56 0.00	38.30 1.40 0.00	36.41 1.16 0.00	36.27 1.12 0.00	37.40 0.98 0.00	45.07 1.36 0.00	65.32 2.21 0.00	81.48 3.21 0.00	65.32 2.57 0.00	43.47 2.11 0.00	42.94 1.81 0.00	40.15 1.69 0.00	37.87 1.73 0.00	37.47 1.72 0.00	36.78 1.78 0.00	39.98 1.72 0.00	46.81 2.31 0.00	55.04 2.77 0.00	69.40 3.05 0.00	75.88 3.75 0.00	66.38 3.16 0.00	55.12 2.62 0.00	47.92 2.28 0.00	44.24 1.82 0.00
WADING RIVER_IC_1 23522	39.13 1.10 0.00	38.00 1.11 0.00	35.71 0.46 0.00	35.46 0.32 0.00	36.68 0.26 0.00	44.06 0.35 0.00	63.99 0.88 0.00	80.07 1.80 0.00	63.37 0.63 0.00	42.15 0.78 0.00	41.75 0.62 0.00	39.18 0.73 0.00	36.32 0.18 0.00	35.97 0.22 0.00	35.45 0.45 0.00	39.22 0.96 0.00	45.30 0.80 0.00	54.10 1.83 0.00	68.07 1.72 0.00	75.16 3.03 0.00	66.32 3.10 0.00	54.02 1.52 0.00	47.23 1.60 0.00	43.26 0.85 0.00
WADING RIVER_IC_2 23547	39.13 1.10 0.00	38.00 1.11 0.00	35.71 0.46 0.00	35.46 0.32 0.00	36.68 0.26 0.00	44.06 0.35 0.00	63.99 0.88 0.00	80.07 1.80 0.00	63.37 0.63 0.00	42.15 0.78 0.00	41.75 0.62 0.00	39.18 0.73 0.00	36.32 0.18 0.00	35.97 0.22 0.00	35.45 0.45 0.00	39.22 0.96 0.00	45.30 0.80 0.00	54.10 1.83 0.00	68.07 1.72 0.00	75.16 3.03 0.00	66.32 3.10 0.00	54.02 1.52 0.00	47.23 1.60 0.00	43.26 0.85 0.00
WADING RIVER_IC_3 23601	39.13 1.10 0.00	38.00 1.11 0.00	35.71 0.46 0.00	35.46 0.32 0.00	36.68 0.26 0.00	44.06 0.35 0.00	63.99 0.88 0.00	80.07 1.80 0.00	63.37 0.63 0.00	42.15 0.78 0.00	41.75 0.62 0.00	39.18 0.73 0.00	36.32 0.18 0.00	35.97 0.22 0.00	35.45 0.45 0.00	39.22 0.96 0.00	45.30 0.80 0.00	54.10 1.83 0.00	68.07 1.72 0.00	75.16 3.03 0.00	66.32 3.10 0.00	54.02 1.52 0.00	47.23 1.60 0.00	43.26 0.85 0.00
WALDENNY_12_KV_BK2 80841	37.53 -0.49 0.00	36.45 -0.44 0.00	35.04 -0.21 0.00	34.83 -0.32 0.00	36.20 -0.22 0.00	43.54 -0.17 0.00	60.65 -2.46 0.00	73.89 -4.38 0.00	59.36 -3.39 0.00	39.54 -1.82 0.00	39.53 -1.60 0.00	36.72 -1.73 0.00	34.47 -1.66 0.00	34.25 -1.50 0.00	33.28 -1.71 0.00	36.39 -1.87 0.00	42.23 -2.27 0.00	49.35 -2.93 0.00	63.29 -3.05 0.00	67.94 -4.18 0.00	58.92 -4.30 0.00	49.50 -2.99 0.00	43.31 -2.33 0.00	41.10 -1.31 0.00
WALDEN__HYDRO 24148	39.17 1.14 0.00	37.85 0.96 0.00	36.06 0.81 0.00	35.92 0.77 0.00	37.08 0.66 0.00	44.67 0.96 0.00	64.81 1.70 0.00	80.70 2.43 0.00	64.63 1.88 0.00	42.73 1.37 0.00	42.20 1.07 0.00	39.42 0.96 0.00	37.00 0.87 0.00	36.54 0.79 0.00	35.83 0.84 0.00	39.07 0.80 0.00	45.74 1.25 0.00	53.84 1.57 0.00	68.20 1.86 0.00	74.51 2.38 0.00	65.50 2.28 0.00	54.44 1.94 0.00	47.28 1.64 0.00	43.73 1.31 0.00
WARRENSBURG____ 23737	39.17 1.14 0.00	38.00 1.11 0.00	36.20 0.95 0.00	36.13 0.98 0.00	37.44 1.02 0.00	45.20 1.49 0.00	65.44 2.34 0.00	81.64 3.37 0.00	65.25 2.51 0.00	42.52 1.16 0.00	41.79 0.66 0.00	39.11 0.65 0.00	36.82 0.69 0.00	36.43 0.68 0.00	35.73 0.73 0.00	39.26 0.99 0.00	45.92 1.42 0.00	54.16 1.88 0.00	68.93 2.59 0.00	75.37 3.25 0.00	65.94 2.72 0.00	54.65 2.15 0.00	48.78 3.15 0.00	45.39 2.97 0.00
WATERSIDE____6 8 9 23538	39.63 1.60 -0.01	38.34 1.44 -0.01	36.46 1.20 -0.01	36.31 1.16 -0.01	37.45 1.02 -0.01	44.98 1.27 0.00	64.94 1.83 0.00	81.01 2.74 0.00	64.88 2.13 0.00	43.35 1.99 0.00	42.82 1.69 0.00	40.07 1.62 0.00	37.80 1.66 0.00	37.36 1.61 0.00	36.67 1.68 0.00	39.87 1.61 0.00	46.68 2.18 0.00	54.78 2.51 0.00	68.93 2.59 0.00	75.45 3.32 0.00	66.00 2.78 0.00	54.86 2.36 0.00	47.73 2.10 0.00	44.28 1.87 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.84 -0.19 0.00	36.75 -0.15 0.00	35.14 -0.11 0.00	35.07 -0.07 0.00	36.35 -0.07 0.00	43.67 -0.04 0.00	63.23 0.13 0.00	78.66 0.39 0.00	63.06 0.31 0.00	41.53 0.17 0.00	41.26 0.12 0.00	38.61 0.15 0.00	36.24 0.11 0.00	35.86 0.11 0.00	35.10 0.10 0.00	38.38 0.11 0.00	44.68 0.18 0.00	52.48 0.21 0.00	66.48 0.13 0.00	72.20 0.07 0.00	63.16 -0.06 0.00	52.34 -0.16 0.00	45.41 -0.23 0.00	42.16 -0.25 0.00
WATSON__69_KV_BK 1 55734	40.31 2.28 0.00	38.85 1.96 0.00	36.94 1.69 0.00	36.69 1.55 0.00	37.95 1.53 0.00	45.77 2.05 0.00	66.45 3.34 0.00	83.20 4.93 0.00	66.45 3.70 0.00	44.34 2.98 0.00	43.56 2.43 0.00	40.72 2.27 0.00	38.09 1.95 0.00	37.65 1.90 0.00	37.02 2.03 0.00	40.56 2.30 0.00	47.35 2.85 0.00	56.25 3.97 0.00	70.99 4.64 0.00	78.26 6.13 0.00	68.53 5.31 0.00	56.38 3.88 0.00	49.19 3.56 0.00	45.05 2.63 0.00
WDELAWARE__HYD 323627	39.70 1.67 0.00	38.41 1.51 0.00	36.62 1.37 0.00	36.45 1.30 0.00	37.62 1.20 0.00	45.42 1.70 0.00	65.88 2.77 0.00	82.11 3.83 0.00	65.76 3.01 0.00	43.27 1.90 0.00	42.66 1.52 0.00	39.76 1.31 0.00	37.29 1.16 0.00	36.83 1.07 0.00	36.15 1.15 0.00	38.93 1.26 0.59	45.59 1.87 0.78	53.73 2.46 1.00	68.19 3.25 1.40	74.65 3.96 1.45	65.57 3.54 1.19	54.37 2.89 1.01	47.28 2.46 0.81	44.49 2.08 0.00

WEST BABYLON___IC 23714	40.04 2.02 0.00	38.63 1.73 0.00	36.73 1.48 0.00	36.51 1.37 0.00	37.73 1.31 0.00	45.50 1.79 0.00	65.95 2.84 0.00	82.58 4.30 0.00	65.94 3.20 0.00	44.05 2.69 0.00	43.31 2.18 0.00	40.49 2.04 0.00	37.91 1.77 0.00	37.47 1.72 0.00	36.88 1.89 0.00	40.37 2.10 0.00	47.08 2.58 0.00	55.83 3.55 0.00	70.46 4.11 0.00	77.61 5.48 0.00	67.96 4.74 0.00	56.01 3.52 0.00	48.87 3.24 0.00	44.79 2.38 0.00
WEST CANADA___HYD 24049	38.22 0.19 0.00	37.08 0.19 0.00	35.39 0.14 0.00	35.32 0.18 0.00	36.57 0.15 0.00	43.89 0.18 0.00	63.43 0.32 0.00	78.82 0.55 0.00	63.12 0.38 0.00	41.61 0.25 0.00	41.34 0.21 0.00	38.69 0.23 0.00	36.32 0.18 0.00	35.93 0.18 0.00	35.20 0.21 0.00	38.45 0.19 0.00	44.77 0.27 0.00	52.64 0.37 0.00	66.75 0.40 0.00	72.64 0.51 0.00	63.60 0.38 0.00	52.76 0.26 0.00	45.91 0.28 0.00	42.63 0.21 0.00
WESTERN_NY_WIND 24143	37.76 -0.27 0.00	36.75 -0.15 0.00	35.35 0.11 0.00	35.11 -0.04 0.00	36.53 0.11 0.00	43.93 0.22 0.00	61.47 -1.64 0.00	75.61 -2.66 0.00	60.55 -2.20 0.00	40.00 -1.37 0.00	39.90 -1.23 0.00	37.03 -1.42 0.00	34.76 -1.37 0.00	34.54 -1.22 0.00	33.59 -1.40 0.00	36.85 -1.42 0.00	42.76 -1.74 0.00	50.24 -2.04 0.00	64.42 -1.92 0.00	69.53 -2.60 0.00	60.50 -2.72 0.00	50.60 -1.89 0.00	43.99 -1.64 0.00	41.48 -0.93 0.00
WESTOVER___LESR 323668	38.07 0.04 0.00	36.93 0.04 0.00	35.35 0.11 0.00	35.21 0.07 0.00	36.53 0.11 0.00	43.84 0.13 0.00	62.86 -0.25 0.00	77.64 -0.63 0.00	62.18 -0.56 0.00	41.07 -0.29 0.00	40.81 -0.33 0.00	38.07 -0.38 0.00	35.74 -0.40 0.00	35.40 -0.36 0.00	34.61 -0.38 0.00	37.84 -0.42 0.00	44.01 -0.49 0.00	51.70 -0.58 0.00	65.95 -0.40 0.00	71.48 -0.65 0.00	62.46 -0.76 0.00	51.97 -0.52 0.00	45.13 -0.50 0.00	42.25 -0.17 0.00
WETHRSFD_WT_PWR 323626	37.19 -0.84 0.00	36.01 -0.89 0.00	34.76 -0.49 0.00	34.55 -0.60 0.00	35.91 -0.51 0.00	43.10 -0.61 0.00	60.40 -2.71 0.00	73.58 -4.69 0.00	58.98 -3.76 0.00	39.01 -2.36 0.00	38.79 -2.34 0.00	36.22 -2.23 0.00	33.97 -2.17 0.00	33.65 -2.11 0.00	32.72 -2.27 0.00	35.81 -2.45 0.00	41.70 -2.80 0.00	48.88 -3.40 0.00	62.70 -3.65 0.00	67.37 -4.76 0.00	58.80 -4.43 0.00	49.29 -3.20 0.00	42.99 -2.65 0.00	40.68 -1.74 0.00
WHAVSTOR_138KV_BK127 55557	38.94 0.91 0.00	37.67 0.77 0.00	35.88 0.63 0.00	35.71 0.56 0.00	36.89 0.47 0.00	44.37 0.66 0.00	64.31 1.20 0.00	80.07 1.80 0.00	64.12 1.38 0.00	42.61 1.24 0.00	42.08 0.95 0.00	39.38 0.92 0.00	37.08 0.94 0.00	36.65 0.89 0.00	35.94 0.94 0.00	39.14 0.88 0.00	45.79 1.29 0.00	53.89 1.62 0.00	68.14 1.79 0.00	74.51 2.38 0.00	65.31 2.09 0.00	54.17 1.68 0.00	47.09 1.46 0.00	43.56 1.15 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.94 0.91 0.00	37.67 0.77 0.00	35.88 0.63 0.00	35.71 0.56 0.00	36.89 0.47 0.00	44.37 0.66 0.00	64.31 1.20 0.00	80.07 1.80 0.00	64.12 1.38 0.00	42.61 1.24 0.00	42.08 0.95 0.00	39.38 0.92 0.00	37.08 0.94 0.00	36.65 0.89 0.00	35.94 0.94 0.00	39.14 0.88 0.00	45.79 1.29 0.00	53.89 1.62 0.00	68.14 1.79 0.00	74.51 2.38 0.00	65.31 2.09 0.00	54.17 1.68 0.00	47.09 1.46 0.00	43.56 1.15 0.00
WHITEHAL_115KV_TB1 80871	40.00 1.98 0.00	38.81 1.92 0.00	36.98 1.73 0.00	36.94 1.79 0.00	38.28 1.86 0.00	46.38 2.67 0.00	67.21 4.10 0.00	83.91 5.64 0.00	67.01 4.27 0.00	43.43 2.07 0.00	42.57 1.44 0.00	39.88 1.42 0.00	37.55 1.41 0.00	37.15 1.39 0.00	36.43 1.43 0.00	40.10 1.84 0.00	46.95 2.45 0.00	55.52 3.24 0.00	70.86 4.51 0.00	77.61 5.48 0.00	67.77 4.55 0.00	56.12 3.62 0.00	49.83 4.20 0.00	46.28 3.86 0.00
WHITEPLN_13_KV_LOAD 356215	39.55 1.52 0.00	38.22 1.33 0.00	36.38 1.13 0.00	36.20 1.05 0.00	37.37 0.95 0.00	45.02 1.31 0.00	65.32 2.21 0.00	81.48 3.21 0.00	65.32 2.57 0.00	43.31 1.94 0.00	42.78 1.65 0.00	39.99 1.54 0.00	37.65 1.52 0.00	37.22 1.47 0.00	36.53 1.54 0.00	39.79 1.53 0.00	46.59 2.09 0.00	54.84 2.56 0.00	69.40 3.05 0.00	75.81 3.68 0.00	66.45 3.22 0.00	55.07 2.57 0.00	47.87 2.24 0.00	44.20 1.78 0.00
WM_FLOYD_69_KV_BK2 356380	39.32 1.29 0.00	37.93 1.03 0.00	36.06 0.81 0.00	35.85 0.70 0.00	37.15 0.73 0.00	44.59 0.87 0.00	64.62 1.51 0.00	81.01 2.74 0.00	64.25 1.51 0.00	43.18 1.82 0.00	42.25 1.11 0.00	39.61 1.15 0.00	36.89 0.76 0.00	36.54 0.79 0.00	35.97 0.98 0.00	39.64 1.38 0.00	45.97 1.47 0.00	54.73 2.46 0.00	68.93 2.59 0.00	76.10 3.97 0.00	66.89 3.67 0.00	54.75 2.26 0.00	47.83 2.19 0.00	43.77 1.36 0.00
WOODARD__115KV_TB2 355635	37.27 -0.76 0.00	36.16 -0.74 0.00	34.65 -0.60 0.00	34.51 -0.63 0.00	35.73 -0.69 0.00	42.88 -0.83 0.00	61.59 -1.51 0.00	76.39 -1.88 0.00	61.24 -1.51 0.00	40.41 -0.95 0.00	40.35 -0.78 0.00	37.69 -0.77 0.00	35.38 -0.76 0.00	35.04 -0.72 0.00	34.26 -0.73 0.00	37.46 -0.80 0.00	43.39 -1.11 0.00	50.86 -1.41 0.00	64.75 -1.59 0.00	70.32 -1.80 0.00	61.45 -1.77 0.00	51.02 -1.47 0.00	44.36 -1.28 0.00	41.36 -1.06 0.00
YORK___WARBASSE 23770	39.94 1.90 -0.01	56.92 1.73 -18.29	36.74 1.48 -0.01	36.59 1.44 -0.01	37.74 1.31 -0.01	45.33 1.62 0.00	65.38 2.27 0.00	81.56 3.29 0.00	65.13 2.38 0.00	57.84 2.32 -14.16	57.76 2.02 -14.61	57.74 1.88 -17.40	57.76 1.92 -19.71	57.72 1.86 -20.11	57.72 1.92 -20.80	58.52 1.87 -18.38	60.73 2.49 -13.74	62.06 2.93 -6.86	69.26 2.92 0.00	75.81 3.68 0.00	66.38 3.16 0.00	62.01 2.78 -6.73	59.33 2.51 -11.18	57.67 2.21 -13.05