

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/10/2025

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	45.29	42.19	40.79	40.64	43.48	49.25	65.50	78.21	62.67	48.03	44.69	41.71	39.49	38.22	37.78	38.83	42.14	53.35	71.51	79.24	67.83	57.05	49.48	44.30
24138	1.99	1.78	1.68	1.67	1.87	1.94	3.12	4.22	3.27	3.02	2.69	2.54	2.34	2.33	2.34	2.34	2.46	3.21	3.60	4.27	3.66	3.18	2.80	2.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	45.55	42.43	40.98	40.87	43.69	49.72	65.69	78.21	62.85	48.16	44.73	41.71	39.49	38.30	37.75	38.87	42.22	53.35	71.44	79.17	67.70	56.94	49.38	44.22
24260	2.25	2.02	1.88	1.91	2.08	2.41	3.31	4.22	3.45	3.15	2.73	2.55	2.34	2.40	2.30	2.37	2.54	3.21	3.53	4.20	3.53	3.07	2.71	2.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	45.55	42.43	40.98	40.87	43.69	49.72	65.69	78.21	62.85	48.16	44.73	41.71	39.49	38.30	37.75	38.87	42.22	53.35	71.44	79.17	67.70	56.94	49.38	44.22
24261	2.25	2.02	1.88	1.91	2.08	2.41	3.31	4.22	3.45	3.15	2.73	2.55	2.34	2.40	2.30	2.37	2.54	3.21	3.53	4.20	3.53	3.07	2.71	2.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	46.25	43.12	41.69	41.46	44.35	49.63	65.75	78.43	62.37	47.04	43.51	40.57	38.34	36.95	36.47	37.52	41.03	52.15	70.90	78.80	67.06	56.40	49.76	44.63
24011	2.94	2.71	2.58	2.49	2.75	2.32	3.37	4.44	2.97	2.03	1.51	1.41	1.19	1.08	1.03	1.02	1.35	2.01	2.99	3.82	2.89	2.53	3.08	2.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	46.38	43.28	41.84	41.61	44.47	50.81	67.43	80.58	64.10	48.21	44.60	41.55	39.27	37.78	37.29	38.39	41.94	52.35	71.24	79.24	67.44	56.56	48.96	43.88
23798	3.07	2.87	2.74	2.65	2.87	3.50	5.05	6.58	4.69	3.20	2.60	2.39	2.12	1.90	1.84	1.90	2.26	2.20	3.33	4.27	3.27	2.69	2.29	2.05
	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 S GLENS___FALLS	46.25	43.12	41.69	41.46	44.35	49.63	65.75	78.43	62.37	47.04	43.51	40.57	38.34	36.95	36.47	37.52	41.03	52.15	70.90	78.80	67.06	56.40	49.76	44.63
24028	2.94	2.71	2.58	2.49	2.75	2.32	3.37	4.44	2.97	2.03	1.51	1.41	1.19	1.08	1.03	1.02	1.35	2.01	2.99	3.82	2.89	2.53	3.08	2.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.60	42.51	41.14	40.99	43.77	49.72	65.31	77.40	62.14	47.44	44.47	41.51	39.34	37.96	37.43	38.50	41.94	52.85	70.97	78.12	66.93	56.56	49.10	44.26
23527	2.29	2.10	2.03	2.02	2.16	2.41	2.93	3.41	2.73	2.43	2.48	2.35	2.19	2.08	1.98	2.01	2.26	2.71	3.06	3.15	2.76	2.69	2.43	2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	44.99	41.94	40.59	40.40	43.14	49.06	64.75	76.80	61.48	46.72	43.51	40.65	38.52	37.21	36.72	37.74	41.11	52.00	70.15	77.52	66.29	55.81	48.40	43.46
24190	1.69	1.54	1.49	1.44	1.54	1.75	2.37	2.81	2.08	1.71	1.51	1.49	1.37	1.33	1.28	1.24	1.43	1.86	2.24	2.55	2.12	1.94	1.73	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	43.69	40.77	39.42	39.27	41.85	47.64	62.69	74.51	59.70	45.14	42.04	39.13	37.11	35.88	35.48	36.57	39.92	50.44	68.79	75.80	64.94	54.41	47.05	42.00
355683	0.39	0.36	0.31	0.31	0.25	0.33	0.31	0.52	0.30	0.14	0.04	-0.04	-0.04	0.00	0.04	0.07	0.24	0.30	0.88	0.82	0.77	0.54	0.37	0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	45.25	42.23	40.87	40.67	43.43	49.39	65.25	77.47	61.84	46.72	43.38	40.46	38.30	36.95	36.47	37.52	40.91	51.94	70.49	78.12	66.74	56.19	48.68	43.72
323833	1.95	1.82	1.76	1.71	1.83	2.08	2.87	3.48	2.44	1.71	1.38	1.29	1.15	1.08	1.03	1.02	1.23	1.80	2.58	3.15	2.57	2.31	2.01	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	45.25	42.23	40.87	40.67	43.43	49.34	65.25	77.47	61.84	46.68	43.38	40.46	38.30	36.95	36.47	37.52	40.91	51.94	70.49	78.05	66.74	56.13	48.68	43.72
323834	1.95	1.82	1.76	1.71	1.83	2.03	2.87	3.48	2.44	1.67	1.38	1.29	1.15	1.08	1.03	1.02	1.23	1.80	2.58	3.08	2.57	2.26	2.01	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	44.99	41.94	40.59	40.40	43.14	49.06	64.75	76.80	61.48	46.72	43.51	40.65	38.52	37.21	36.72	37.74	41.11	52.00	70.15	77.52	66.29	55.81	48.40	43.46
23571	1.69	1.54	1.49	1.44	1.54	1.75	2.37	2.81	2.08	1.71	1.51	1.49	1.37	1.33	1.28	1.24	1.43	1.86	2.24	2.55	2.12	1.94	1.73	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	44.99 1.69 0.00	41.94 1.54 0.00	40.59 1.49 0.00	40.40 1.44 0.00	43.14 1.54 0.00	49.06 1.75 0.00	64.75 2.37 0.00	76.80 2.81 0.00	61.48 2.08 0.00	46.72 1.71 0.00	43.51 1.51 0.00	40.65 1.49 0.00	38.52 1.37 0.00	37.21 1.33 0.00	36.72 1.28 0.00	37.74 1.24 0.00	41.11 1.43 0.00	52.00 1.86 0.00	70.15 2.24 0.00	77.52 2.55 0.00	66.29 2.12 0.00	55.81 1.94 0.00	48.40 1.73 0.00	43.46 1.63 0.00
ALBANY___3 23573	44.99 1.69 0.00	41.94 1.54 0.00	40.59 1.49 0.00	40.40 1.44 0.00	43.14 1.54 0.00	49.06 1.75 0.00	64.75 2.37 0.00	76.80 2.81 0.00	61.48 2.08 0.00	46.72 1.71 0.00	43.51 1.51 0.00	40.65 1.49 0.00	38.52 1.37 0.00	37.21 1.33 0.00	36.72 1.28 0.00	37.74 1.24 0.00	41.11 1.43 0.00	52.00 1.86 0.00	70.15 2.24 0.00	77.52 2.55 0.00	66.29 2.12 0.00	55.81 1.94 0.00	48.40 1.73 0.00	43.46 1.63 0.00
ALBANY___4 23574	44.99 1.69 0.00	41.94 1.54 0.00	40.59 1.49 0.00	40.40 1.44 0.00	43.14 1.54 0.00	49.06 1.75 0.00	64.75 2.37 0.00	76.80 2.81 0.00	61.48 2.08 0.00	46.72 1.71 0.00	43.51 1.51 0.00	40.65 1.49 0.00	38.52 1.37 0.00	37.21 1.33 0.00	36.72 1.28 0.00	37.74 1.24 0.00	41.11 1.43 0.00	52.00 1.86 0.00	70.15 2.24 0.00	77.52 2.55 0.00	66.29 2.12 0.00	55.81 1.94 0.00	48.40 1.73 0.00	43.46 1.63 0.00
ALBANY___LFGE 323615	45.12 1.82 0.00	42.07 1.66 0.00	40.71 1.60 0.00	40.52 1.56 0.00	43.27 1.67 0.00	49.15 1.84 0.00	64.94 2.56 0.00	77.17 3.18 0.00	61.84 2.44 0.00	46.94 1.93 0.00	43.80 1.80 0.00	40.93 1.76 0.00	38.75 1.60 0.00	37.42 1.54 0.00	36.93 1.49 0.00	37.99 1.50 0.00	41.31 1.63 0.00	52.25 2.11 0.00	70.49 2.58 0.00	77.97 3.00 0.00	66.67 2.50 0.00	56.13 2.26 0.00	48.64 1.96 0.00	43.67 1.84 0.00
ALCOA_PA_115KV_PL-6C 55860	44.04 0.74 0.00	41.10 0.69 0.00	39.73 0.63 0.00	39.59 0.62 0.00	42.15 0.54 0.00	48.02 0.71 0.00	62.94 0.56 0.00	74.88 0.89 0.00	59.94 0.53 0.00	45.28 0.27 0.00	42.12 0.13 0.00	39.16 0.00 0.00	37.19 0.04 0.00	35.91 0.04 0.00	35.55 0.11 0.00	36.64 0.15 0.00	39.96 0.28 0.00	50.54 0.40 0.00	69.00 1.09 0.00	76.10 1.12 0.00	65.20 1.03 0.00	54.62 0.75 0.00	47.28 0.61 0.00	42.17 0.33 0.00
ALCOA_RYNLDS___DRP 24188	44.04 0.74 0.00	41.10 0.69 0.00	39.73 0.63 0.00	39.59 0.62 0.00	42.15 0.54 0.00	48.02 0.71 0.00	62.94 0.56 0.00	74.88 0.89 0.00	59.94 0.53 0.00	45.28 0.27 0.00	42.12 0.13 0.00	39.16 0.00 0.00	37.19 0.04 0.00	35.91 0.04 0.00	35.55 0.11 0.00	36.64 0.15 0.00	39.96 0.28 0.00	50.54 0.40 0.00	69.00 1.09 0.00	76.10 1.12 0.00	65.20 1.03 0.00	54.62 0.75 0.00	47.28 0.61 0.00	42.17 0.33 0.00
ALCOA___DSASP 323711	43.99 0.69 0.00	41.10 0.69 0.00	39.69 0.59 0.00	39.55 0.59 0.00	42.14 0.54 0.00	48.02 0.71 0.00	62.94 0.56 0.00	74.81 0.82 0.00	59.94 0.53 0.00	45.28 0.27 0.00	42.12 0.13 0.00	39.20 0.04 0.00	37.19 0.04 0.00	35.91 0.04 0.00	35.55 0.11 0.00	36.64 0.15 0.00	39.96 0.28 0.00	50.54 0.40 0.00	68.99 1.08 0.00	76.02 1.05 0.00	65.20 1.02 0.00	54.62 0.75 0.00	47.28 0.61 0.00	42.16 0.33 0.00
ALLEGHENY___COGEN 23514	41.87 -1.43 0.00	39.11 -1.29 0.00	37.89 -1.21 0.00	37.87 -1.09 0.00	40.77 -0.83 0.00	46.74 -0.57 0.00	62.38 0.00 0.00	72.73 -1.26 0.00	57.98 -1.43 0.00	42.62 -2.39 0.00	39.48 -2.52 0.00	36.58 -2.59 0.00	34.70 -2.45 0.00	33.47 -2.40 0.00	33.10 -2.34 0.00	34.27 -2.23 0.00	37.50 -2.18 0.00	47.89 -2.26 0.00	66.69 -1.22 0.00	74.30 -0.68 0.00	63.73 -0.45 0.00	53.01 -0.86 0.00	45.74 -0.93 0.00	40.91 -0.92 0.00
ALTAMONT_115KV_TB 2 55880	44.64 1.34 0.00	41.62 1.21 0.00	40.28 1.17 0.00	40.13 1.17 0.00	42.85 1.25 0.00	48.73 1.42 0.00	64.25 1.87 0.00	76.21 2.22 0.00	61.07 1.66 0.00	46.36 1.35 0.00	43.17 1.18 0.00	40.34 1.17 0.00	38.23 1.08 0.00	36.92 1.04 0.00	36.47 1.03 0.00	37.48 0.99 0.00	40.83 1.15 0.00	51.65 1.50 0.00	69.67 1.77 0.00	77.00 2.02 0.00	65.91 1.73 0.00	55.43 1.56 0.00	48.12 1.45 0.00	43.17 1.34 0.00
ALTONA_WT_PWR 323606	44.56 1.26 0.00	41.58 1.17 0.00	40.16 1.06 0.00	39.94 0.97 0.00	42.48 0.88 0.00	48.35 1.04 0.00	63.75 1.37 0.00	75.77 1.77 0.00	60.71 1.31 0.00	45.77 0.76 0.00	42.46 0.46 0.00	39.32 0.16 0.00	37.19 0.04 0.00	35.88 0.00 0.00	35.59 0.14 0.00	36.94 0.44 0.00	40.60 0.91 0.00	51.75 1.60 0.00	71.17 3.26 0.00	78.35 3.38 0.00	67.19 3.02 0.00	56.03 2.16 0.00	48.13 1.45 0.00	42.62 0.79 0.00
AMERICAN_REF_FUEL 24010	38.97 -4.33 0.00	36.73 -3.68 0.00	35.59 -3.52 0.00	35.46 -3.51 0.00	37.99 -3.62 0.00	43.38 -3.93 0.00	57.39 -4.99 0.00	66.15 -7.85 0.00	53.82 -5.59 0.00	40.24 -4.77 0.00	37.71 -4.28 0.00	34.97 -4.19 0.00	33.21 -3.94 0.00	32.07 -3.80 0.00	31.69 -3.76 0.00	32.81 -3.68 0.00	35.71 -3.97 0.00	44.68 -5.46 0.00	60.78 -7.13 0.00	66.42 -8.55 0.00	57.11 -7.06 0.00	47.57 -6.30 0.00	41.68 -4.99 0.00	38.03 -3.81 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.14 -4.16 0.00	37.06 -3.35 0.00	35.86 -3.25 0.00	35.88 -3.08 0.00	38.57 -3.04 0.00	44.52 -2.79 0.00	60.01 -2.37 0.00	70.00 -4.00 0.00	57.21 -2.20 0.00	43.03 -1.98 0.00	40.36 -1.64 0.00	37.44 -1.72 0.00	35.55 -1.60 0.00	34.23 -1.65 0.00	33.78 -1.67 0.00	34.96 -1.53 0.00	37.98 -1.71 0.00	47.84 -2.31 0.00	64.99 -2.92 0.00	71.00 -3.98 0.00	60.58 -3.59 0.00	49.77 -4.10 0.00	42.99 -3.69 0.00	38.99 -2.85 0.00
ARTHUR KILL_GT_1 23520	58.16 2.29 -12.56	57.44 2.10 -14.93	57.40 2.03 -16.26	57.40 2.02 -16.41	57.40 2.16 -13.64	57.46 2.22 -7.93	65.12 2.74 0.00	77.76 3.77 0.01	63.46 3.21 -0.85	63.02 3.10 -14.90	61.16 2.86 -16.31	61.11 2.70 -19.24	61.14 4.34 -19.65	61.10 2.58 -22.64	61.14 2.05 -23.64	61.14 4.20 -20.45	62.36 4.56 -18.12	63.33 3.26 -9.93	70.88 2.92 -0.05	110.71 3.67 -32.07	70.38 3.46 -2.75	62.49 2.91 -5.71	62.53 2.71 -13.15	59.88 2.55 -15.50
ARTHUR_KILL_2 23512	58.07 2.21 -12.56	57.32 1.98 -14.93	57.32 1.95 -16.26	57.32 1.95 -16.41	57.32 2.08 -13.64	57.32 2.08 -7.93	64.94 2.56 0.00	77.54 3.55 0.01	63.28 3.03 -0.85	62.88 2.97 -14.90	61.03 2.73 -16.31	61.03 2.62 -19.24	61.03 4.23 -19.65	61.03 2.51 -22.64	61.03 1.95 -23.64	61.03 4.09 -20.45	62.28 4.48 -18.12	63.18 3.11 -9.93	70.68 2.72 -0.05	110.49 3.45 -32.07	70.19 3.27 -2.75	62.33 2.75 -5.71	62.44 2.61 -13.15	59.80 2.47 -15.50
ARTHUR_KILL_3 23513	57.46 1.60 -12.55	56.71 1.37 -14.92	56.69 1.33 -16.25	56.69 1.33 -16.40	56.69 1.46 -13.63	56.75 1.51 -7.92	64.69 2.31 0.00	77.25 3.25 0.00	62.87 2.61 -0.86	62.49 2.56 -14.91	60.62 2.31 -16.31	60.61 2.19 -19.25	58.59 1.78 -19.66	60.52 2.01 -22.63	61.06 1.98 -23.63	58.74 1.79 -20.46	59.67 1.87 -18.12	62.68 2.61 -9.94	70.69 2.72 -0.06	110.34 3.30 -32.07	69.82 2.89 -2.76	62.22 2.64 -5.71	62.25 2.43 -13.14	59.42 2.09 -15.49

ARTHUR_KILL_COGEN 323718	58.16 2.29 -12.56	57.44 2.10 -14.93	57.40 2.03 -16.26	57.40 2.02 -16.41	57.40 2.16 -13.64	57.46 2.22 -7.93	65.12 2.74 0.00	77.76 3.77 0.01	63.46 3.21 -0.85	63.02 3.10 -14.90	61.16 2.86 -16.31	61.11 2.70 -19.24	61.14 4.34 -19.65	61.10 2.58 -22.64	61.14 2.05 -23.64	61.14 4.20 -20.45	62.36 4.56 -18.12	63.33 3.26 -9.93	70.88 2.92 -0.05	110.71 3.67 -32.07	70.38 3.46 -2.75	62.49 2.91 -5.71	62.53 2.71 -13.15	59.88 2.55 -15.50
ASHOKAN____ 23654	46.03 2.73 0.00	42.92 2.51 0.00	41.53 2.43 0.00	41.38 2.42 0.00	44.19 2.58 0.00	50.10 2.79 0.00	66.62 4.24 0.00	79.17 5.18 0.00	62.79 3.38 0.00	47.21 2.20 0.00	43.51 1.51 0.00	40.46 1.29 0.00	38.23 1.08 0.00	36.99 1.11 0.00	36.54 1.10 0.00	37.63 1.13 0.00	41.11 1.43 0.00	52.40 2.26 0.00	71.44 3.53 0.00	79.47 4.50 0.00	68.02 3.85 0.00	57.16 3.29 0.00	49.67 2.99 0.00	44.38 2.55 0.00
ASTORIA_EAST_ENERGY_CC1 323581	45.43 2.12 -0.01	42.24 1.82 -0.01	40.83 1.72 -0.01	40.64 1.67 -0.01	43.48 1.87 0.00	49.06 1.75 0.00	64.69 2.31 0.00	77.09 3.11 0.01	62.01 2.61 0.01	47.70 2.70 0.01	44.42 2.43 0.01	41.55 2.39 0.01	39.74 2.60 0.01	38.25 2.37 -0.01	37.54 2.09 -0.01	39.05 2.55 0.00	42.25 2.58 0.01	52.84 2.71 0.01	70.48 2.58 0.01	78.19 3.22 0.01	66.92 2.76 0.01	56.23 2.37 0.01	49.10 2.43 0.00	44.13 2.30 0.00
ASTORIA_EAST_ENERGY_CC2 323582	45.43 2.12 -0.01	42.24 1.82 -0.01	40.83 1.72 -0.01	40.64 1.67 -0.01	43.48 1.87 0.00	49.06 1.75 0.00	64.69 2.31 0.00	77.09 3.11 0.01	62.01 2.61 0.01	47.70 2.70 0.01	44.42 2.43 0.01	41.55 2.39 0.01	39.74 2.60 0.01	38.25 2.37 -0.01	37.54 2.09 -0.01	39.05 2.55 0.00	42.25 2.58 0.01	52.84 2.71 0.01	70.48 2.58 0.01	78.19 3.22 0.01	66.92 2.76 0.01	56.23 2.37 0.01	49.10 2.43 0.00	44.13 2.30 0.00
ASTORIA_GT2_1 24094	45.60 2.29 -0.01	42.44 2.02 -0.01	40.95 1.84 -0.01	40.80 1.83 -0.01	43.64 2.04 0.00	49.39 2.08 0.00	64.88 2.50 0.00	77.17 3.18 0.00	62.14 2.73 0.00	47.80 2.79 0.00	44.35 2.35 0.00	41.47 2.31 0.01	39.22 2.08 0.01	38.18 2.30 -0.01	37.58 2.13 -0.01	38.65 2.15 0.00	41.90 2.22 0.00	52.85 2.71 0.00	70.49 2.58 0.00	78.20 3.22 0.00	66.87 2.70 0.00	56.29 2.42 0.00	49.06 2.38 0.00	44.09 2.26 0.00
ASTORIA_GT2_2 24095	45.60 2.29 -0.01	42.44 2.02 -0.01	40.95 1.84 -0.01	40.80 1.83 -0.01	43.64 2.04 0.00	49.39 2.08 0.00	64.88 2.50 0.00	77.17 3.18 0.00	62.14 2.73 0.00	47.80 2.79 0.00	44.35 2.35 0.00	41.47 2.31 0.01	39.22 2.08 0.01	38.18 2.30 -0.01	37.58 2.13 -0.01	38.65 2.15 0.00	41.90 2.22 0.00	52.85 2.71 0.00	70.49 2.58 0.00	78.20 3.22 0.00	66.87 2.70 0.00	56.29 2.42 0.00	49.06 2.38 0.00	44.09 2.26 0.00
ASTORIA_GT2_3 24096	45.60 2.29 -0.01	42.44 2.02 -0.01	40.95 1.84 -0.01	40.80 1.83 -0.01	43.64 2.04 0.00	49.39 2.08 0.00	64.88 2.50 0.00	77.17 3.18 0.00	62.14 2.73 0.00	47.80 2.79 0.00	44.35 2.35 0.00	41.47 2.31 0.01	39.22 2.08 0.01	38.18 2.30 -0.01	37.58 2.13 -0.01	38.65 2.15 0.00	41.90 2.22 0.00	52.85 2.71 0.00	70.49 2.58 0.00	78.20 3.22 0.00	66.87 2.70 0.00	56.29 2.42 0.00	49.06 2.38 0.00	44.09 2.26 0.00
ASTORIA_GT2_4 24097	45.60 2.29 -0.01	42.44 2.02 -0.01	40.95 1.84 -0.01	40.80 1.83 -0.01	43.64 2.04 0.00	49.39 2.08 0.00	64.88 2.50 0.00	77.17 3.18 0.00	62.14 2.73 0.00	47.80 2.79 0.00	44.35 2.35 0.00	41.47 2.31 0.01	39.22 2.08 0.01	38.18 2.30 -0.01	37.58 2.13 -0.01	38.65 2.15 0.00	41.90 2.22 0.00	52.85 2.71 0.00	70.49 2.58 0.00	78.20 3.22 0.00	66.87 2.70 0.00	56.29 2.42 0.00	49.06 2.38 0.00	44.09 2.26 0.00
ASTORIA_GT3_1 24098	45.60 2.29 -0.01	42.44 2.02 -0.01	40.95 1.84 -0.01	40.80 1.83 -0.01	43.64 2.04 0.00	49.39 2.08 0.00	64.88 2.50 0.00	77.17 3.18 0.00	62.14 2.73 0.00	47.80 2.79 0.00	44.35 2.35 0.00	41.47 2.31 0.01	39.22 2.08 0.01	38.18 2.30 -0.01	37.58 2.13 -0.01	38.65 2.15 0.00	41.90 2.22 0.00	52.85 2.71 0.00	70.49 2.58 0.00	78.20 3.22 0.00	66.87 2.70 0.00	56.29 2.42 0.00	49.06 2.38 0.00	44.09 2.26 0.00
ASTORIA_GT3_2 24099	45.60 2.29 -0.01	42.44 2.02 -0.01	40.95 1.84 -0.01	40.80 1.83 -0.01	43.64 2.04 0.00	49.39 2.08 0.00	64.88 2.50 0.00	77.17 3.18 0.00	62.14 2.73 0.00	47.80 2.79 0.00	44.35 2.35 0.00	41.47 2.31 0.01	39.22 2.08 0.01	38.18 2.30 -0.01	37.58 2.13 -0.01	38.65 2.15 0.00	41.90 2.22 0.00	52.85 2.71 0.00	70.49 2.58 0.00	78.20 3.22 0.00	66.87 2.70 0.00	56.29 2.42 0.00	49.06 2.38 0.00	44.09 2.26 0.00
ASTORIA_GT3_3 24100	45.60 2.29 -0.01	42.44 2.02 -0.01	40.95 1.84 -0.01	40.80 1.83 -0.01	43.64 2.04 0.00	49.39 2.08 0.00	64.88 2.50 0.00	77.17 3.18 0.00	62.14 2.73 0.00	47.80 2.79 0.00	44.35 2.35 0.00	41.47 2.31 0.01	39.22 2.08 0.01	38.18 2.30 -0.01	37.58 2.13 -0.01	38.65 2.15 0.00	41.90 2.22 0.00	52.85 2.71 0.00	70.49 2.58 0.00	78.20 3.22 0.00	66.87 2.70 0.00	56.29 2.42 0.00	49.06 2.38 0.00	44.09 2.26 0.00
ASTORIA_GT3_4 24101	45.60 2.29 -0.01	42.44 2.02 -0.01	40.95 1.84 -0.01	40.80 1.83 -0.01	43.64 2.04 0.00	49.39 2.08 0.00	64.88 2.50 0.00	77.17 3.18 0.00	62.14 2.73 0.00	47.80 2.79 0.00	44.35 2.35 0.00	41.47 2.31 0.01	39.22 2.08 0.01	38.18 2.30 -0.01	37.58 2.13 -0.01	38.65 2.15 0.00	41.90 2.22 0.00	52.85 2.71 0.00	70.49 2.58 0.00	78.20 3.22 0.00	66.87 2.70 0.00	56.29 2.42 0.00	49.06 2.38 0.00	44.09 2.26 0.00
ASTORIA_GT4_1 24102	45.60 2.29 -0.01	42.44 2.02 -0.01	40.95 1.84 -0.01	40.80 1.83 -0.01	43.64 2.04 0.00	49.39 2.08 0.00	64.88 2.50 0.00	77.17 3.18 0.00	62.14 2.73 0.00	47.80 2.79 0.00	44.35 2.35 0.00	41.47 2.31 0.01	39.22 2.08 0.01	38.18 2.30 -0.01	37.58 2.13 -0.01	38.65 2.15 0.00	41.90 2.22 0.00	52.85 2.71 0.00	70.49 2.58 0.00	78.20 3.22 0.00	66.87 2.70 0.00	56.29 2.42 0.00	49.06 2.38 0.00	44.09 2.26 0.00
ASTORIA_GT4_2 24103	45.60 2.29 -0.01	42.44 2.02 -0.01	40.95 1.84 -0.01	40.80 1.83 -0.01	43.64 2.04 0.00	49.39 2.08 0.00	64.88 2.50 0.00	77.17 3.18 0.00	62.14 2.73 0.00	47.80 2.79 0.00	44.35 2.35 0.00	41.47 2.31 0.01	39.22 2.08 0.01	38.18 2.30 -0.01	37.58 2.13 -0.01	38.65 2.15 0.00	41.90 2.22 0.00	52.85 2.71 0.00	70.49 2.58 0.00	78.20 3.22 0.00	66.87 2.70 0.00	56.29 2.42 0.00	49.06 2.38 0.00	44.09 2.26 0.00
ASTORIA_GT4_3 24104	45.60 2.29 -0.01	42.44 2.02 -0.01	40.95 1.84 -0.01	40.80 1.83 -0.01	43.64 2.04 0.00	49.39 2.08 0.00	64.88 2.50 0.00	77.17 3.18 0.00	62.14 2.73 0.00	47.80 2.79 0.00	44.35 2.35 0.00	41.47 2.31 0.01	39.22 2.08 0.01	38.18 2.30 -0.01	37.58 2.13 -0.01	38.65 2.15 0.00	41.90 2.22 0.00	52.85 2.71 0.00	70.49 2.58 0.00	78.20 3.22 0.00	66.87 2.70 0.00	56.29 2.42 0.00	49.06 2.38 0.00	44.09 2.26 0.00

ASTORIA_GT4_4 24105	45.60 2.29 -0.01	42.44 2.02 -0.01	40.95 1.84 -0.01	40.80 1.83 -0.01	43.64 2.04 0.00	49.39 2.08 0.00	64.88 2.50 0.00	77.17 3.18 0.00	62.14 2.73 0.00	47.80 2.79 0.00	44.35 2.35 0.00	41.47 2.31 0.01	39.22 2.08 0.01	38.18 2.30 -0.01	37.58 2.13 -0.01	38.65 2.15 0.00	41.90 2.22 0.00	52.85 2.71 0.00	70.49 2.58 0.00	78.20 3.22 0.00	66.87 2.70 0.00	56.29 2.42 0.00	49.06 2.38 0.00	44.09 2.26 0.00
ASTORIA_GT_1 23523	45.52 2.21 -0.01	42.32 1.90 -0.01	40.91 1.80 -0.01	40.72 1.75 -0.01	43.56 1.96 0.00	49.15 1.84 0.00	64.81 2.43 0.00	77.24 3.25 0.01	62.19 2.79 0.01	47.84 2.84 0.01	44.55 2.56 0.01	41.63 2.47 0.01	39.82 2.68 0.01	38.33 2.44 -0.01	37.61 2.16 -0.01	39.13 2.63 0.00	42.33 2.66 0.01	52.99 2.86 0.01	70.69 2.79 0.01	78.42 3.45 0.01	67.12 2.95 0.01	56.39 2.53 0.01	49.20 2.52 0.00	44.21 2.38 0.00
ASTORIA_GT_10 24110	45.60 2.29 -0.01	42.48 2.06 -0.01	41.03 1.92 -0.01	40.88 1.91 -0.01	43.73 2.12 0.00	49.58 2.27 0.00	65.31 2.93 0.00	77.77 3.77 0.00	62.55 3.15 0.00	48.03 3.02 0.00	44.60 2.60 0.00	42.37 2.51 -0.70	39.91 2.27 -0.50	39.59 2.37 -1.35	38.59 2.27 -0.88	38.80 2.30 0.00	42.14 2.46 0.00	53.15 3.01 0.00	70.90 2.99 0.00	78.65 3.67 0.00	67.25 3.08 0.00	56.67 2.80 0.00	49.24 2.57 0.00	44.22 2.38 0.00
ASTORIA_GT_11 24225	45.60 2.29 -0.01	42.48 2.06 -0.01	41.03 1.92 -0.01	40.88 1.91 -0.01	43.73 2.12 0.00	49.58 2.27 0.00	65.31 2.93 0.00	77.77 3.77 0.00	62.55 3.15 0.00	48.03 3.02 0.00	44.60 2.60 0.00	42.37 2.51 -0.70	39.91 2.27 -0.50	39.59 2.37 -1.35	38.59 2.27 -0.88	38.80 2.30 0.00	42.14 2.46 0.00	53.15 3.01 0.00	70.90 2.99 0.00	78.65 3.67 0.00	67.25 3.08 0.00	56.67 2.80 0.00	49.24 2.57 0.00	44.22 2.38 0.00
ASTORIA_GT_12 24226	45.60 2.29 -0.01	42.48 2.06 -0.01	41.03 1.92 -0.01	40.88 1.91 -0.01	43.73 2.12 0.00	49.58 2.27 0.00	65.31 2.93 0.00	77.77 3.77 0.00	62.55 3.15 0.00	48.03 3.02 0.00	44.60 2.60 0.00	42.37 2.51 -0.70	39.91 2.27 -0.50	39.59 2.37 -1.35	38.59 2.27 -0.88	38.80 2.30 0.00	42.14 2.46 0.00	53.15 3.01 0.00	70.90 2.99 0.00	78.65 3.67 0.00	67.25 3.08 0.00	56.67 2.80 0.00	49.24 2.57 0.00	44.22 2.38 0.00
ASTORIA_GT_13 24227	45.60 2.29 -0.01	42.48 2.06 -0.01	41.03 1.92 -0.01	40.88 1.91 -0.01	43.73 2.12 0.00	49.58 2.27 0.00	65.31 2.93 0.00	77.77 3.77 0.00	62.55 3.15 0.00	48.03 3.02 0.00	44.60 2.60 0.00	42.37 2.51 -0.70	39.91 2.27 -0.50	39.59 2.37 -1.35	38.59 2.27 -0.88	38.80 2.30 0.00	42.14 2.46 0.00	53.15 3.01 0.00	70.90 2.99 0.00	78.65 3.67 0.00	67.25 3.08 0.00	56.67 2.80 0.00	49.24 2.57 0.00	44.22 2.38 0.00
ASTORIA_GT_5 24106	45.65 2.34 -0.01	42.48 2.06 -0.01	40.99 1.88 -0.01	40.84 1.87 -0.01	43.73 2.12 0.00	49.48 2.18 0.00	65.00 2.62 0.00	77.32 3.33 0.00	62.25 2.85 0.00	47.89 2.88 0.00	44.43 2.44 0.00	41.55 2.39 0.01	39.30 2.15 0.01	38.25 2.37 -0.01	37.61 2.16 -0.01	38.72 2.23 0.00	41.98 2.30 0.00	52.95 2.81 0.00	70.63 2.72 0.00	78.35 3.37 0.00	67.00 2.82 0.00	56.35 2.48 0.00	49.15 2.47 0.00	44.17 2.34 0.00
ASTORIA_GT_7 24107	45.65 2.34 -0.01	42.48 2.06 -0.01	40.99 1.88 -0.01	40.84 1.87 -0.01	43.73 2.12 0.00	49.48 2.18 0.00	65.00 2.62 0.00	77.32 3.33 0.00	62.25 2.85 0.00	47.89 2.88 0.00	44.43 2.44 0.00	41.55 2.39 0.01	39.30 2.15 0.01	38.25 2.37 -0.01	37.61 2.16 -0.01	38.72 2.23 0.00	41.98 2.30 0.00	52.95 2.81 0.00	70.63 2.72 0.00	78.35 3.37 0.00	67.00 2.82 0.00	56.35 2.48 0.00	49.15 2.47 0.00	44.17 2.34 0.00
ASTORIA_GT_8 24108	45.65 2.34 -0.01	42.48 2.06 -0.01	40.99 1.88 -0.01	40.84 1.87 -0.01	43.73 2.12 0.00	49.48 2.18 0.00	65.00 2.62 0.00	77.32 3.33 0.00	62.25 2.85 0.00	47.89 2.88 0.00	44.43 2.44 0.00	41.55 2.39 0.01	39.30 2.15 0.01	38.25 2.37 -0.01	37.61 2.16 -0.01	38.72 2.23 0.00	41.98 2.30 0.00	52.95 2.81 0.00	70.63 2.72 0.00	78.35 3.37 0.00	67.00 2.82 0.00	56.35 2.48 0.00	49.15 2.47 0.00	44.17 2.34 0.00
ASTORIA___2 24149	45.47 2.16 -0.01	42.28 1.86 -0.01	40.83 1.72 -0.01	40.68 1.71 -0.01	43.48 1.87 0.00	49.06 1.75 0.00	64.75 2.37 0.00	77.09 3.11 0.01	62.07 2.68 0.01	47.75 2.75 0.01	44.46 2.48 0.01	41.59 2.43 0.01	39.74 2.60 0.01	38.25 2.37 -0.01	37.54 2.09 -0.01	39.05 2.55 0.00	42.25 2.58 0.01	52.89 2.76 0.01	70.55 2.65 0.01	78.26 3.30 0.01	66.99 2.82 0.01	56.29 2.43 0.01	49.10 2.43 0.00	44.17 2.34 0.00
ASTORIA___3 23516	45.43 2.12 -0.01	42.32 1.90 -0.01	40.91 1.80 -0.01	40.76 1.79 -0.01	43.56 1.96 0.00	49.25 1.94 0.00	65.06 2.68 0.00	77.69 3.70 0.00	62.43 3.03 0.00	47.98 2.97 0.00	44.72 2.73 0.00	42.45 2.58 -0.70	40.36 2.71 -0.50	39.67 2.44 -1.35	38.52 2.20 -0.88	39.16 2.66 0.00	42.50 2.82 0.00	53.20 3.06 0.00	70.97 3.06 0.00	78.72 3.75 0.00	67.38 3.21 0.00	56.67 2.80 0.00	49.29 2.61 0.00	44.26 2.43 0.00
ASTORIA___4 23517	45.60 2.29 -0.01	42.48 2.06 -0.01	41.03 1.92 -0.01	40.88 1.91 -0.01	43.73 2.12 0.00	49.58 2.27 0.00	65.31 2.93 0.00	77.77 3.77 0.00	62.55 3.15 0.00	48.03 3.02 0.00	44.60 2.60 0.00	42.37 2.51 -0.70	39.91 2.27 -0.50	39.59 2.37 -1.35	38.59 2.27 -0.88	38.80 2.30 0.00	42.14 2.46 0.00	53.15 3.01 0.00	70.90 2.99 0.00	78.65 3.67 0.00	67.25 3.08 0.00	56.67 2.80 0.00	49.24 2.57 0.00	44.22 2.38 0.00
ASTORIA___5 23518	45.43 2.12 -0.01	42.32 1.90 -0.01	40.91 1.80 -0.01	40.76 1.79 -0.01	43.56 1.96 0.00	49.25 1.94 0.00	65.06 2.68 0.00	77.69 3.70 0.00	62.43 3.03 0.00	47.98 2.97 0.00	44.72 2.73 0.00	42.45 2.58 -0.70	40.36 2.71 -0.50	39.67 2.44 -1.35	38.52 2.20 -0.88	39.16 2.66 0.00	42.50 2.82 0.00	53.20 3.06 0.00	70.97 3.06 0.00	78.72 3.75 0.00	67.38 3.21 0.00	56.67 2.80 0.00	49.29 2.61 0.00	44.26 2.43 0.00
AST_ENERGY_2_CC3 323677	45.20 1.90 0.00	42.07 1.66 0.00	40.71 1.60 0.00	40.56 1.60 0.00	43.35 1.75 0.00	49.15 1.84 0.00	65.12 2.74 0.00	77.69 3.70 0.00	62.37 2.97 0.00	47.85 2.84 0.00	44.56 2.56 0.00	41.59 2.43 0.00	39.38 2.23 0.00	38.12 2.23 -0.01	37.61 2.16 0.00	38.69 2.19 0.00	41.98 2.30 0.00	53.05 2.91 0.00	71.03 3.13 0.00	78.79 3.82 0.00	67.44 3.27 0.00	56.78 2.91 0.00	49.29 2.61 0.00	44.13 2.30 0.00
AST_ENERGY_2_CC4 323678	45.20 1.90 0.00	42.07 1.66 0.00	40.71 1.60 0.00	40.56 1.60 0.00	43.35 1.75 0.00	49.15 1.84 0.00	65.12 2.74 0.00	77.69 3.70 0.00	62.37 2.97 0.00	47.85 2.84 0.00	44.56 2.56 0.00	41.59 2.43 0.00	39.38 2.23 0.00	38.12 2.23 -0.01	37.61 2.16 0.00	38.69 2.19 0.00	41.98 2.30 0.00	53.05 2.91 0.00	71.03 3.13 0.00	78.79 3.82 0.00	67.44 3.27 0.00	56.78 2.91 0.00	49.29 2.61 0.00	44.13 2.30 0.00

ATHENS_STG_1 23668	44.56 1.26 0.00	41.54 1.13 0.00	40.20 1.09 0.00	40.05 1.09 0.00	42.77 1.16 0.00	48.54 1.23 0.00	64.12 1.74 0.00	76.21 2.22 0.00	61.18 1.78 0.00	46.58 1.57 0.00	43.42 1.43 0.00	40.57 1.41 0.00	38.48 1.34 0.00	37.17 1.29 0.00	36.68 1.24 0.00	37.74 1.24 0.00	41.03 1.35 0.00	51.79 1.65 0.00	69.74 1.83 0.00	77.07 2.10 0.00	66.04 1.86 0.00	55.59 1.72 0.00	48.22 1.54 0.00	43.25 1.42 0.00
ATHENS_STG_2 23670	44.56 1.26 0.00	41.54 1.13 0.00	40.20 1.09 0.00	40.05 1.09 0.00	42.77 1.16 0.00	48.54 1.23 0.00	64.12 1.74 0.00	76.21 2.22 0.00	61.18 1.78 0.00	46.58 1.57 0.00	43.42 1.43 0.00	40.57 1.41 0.00	38.48 1.34 0.00	37.17 1.29 0.00	36.68 1.24 0.00	37.74 1.24 0.00	41.03 1.35 0.00	51.79 1.65 0.00	69.74 1.83 0.00	77.07 2.10 0.00	66.04 1.86 0.00	55.59 1.72 0.00	48.22 1.54 0.00	43.25 1.42 0.00
ATHENS_STG_3 23677	44.56 1.26 0.00	41.54 1.13 0.00	40.20 1.09 0.00	40.05 1.09 0.00	42.77 1.16 0.00	48.54 1.23 0.00	64.12 1.74 0.00	76.21 2.22 0.00	61.18 1.78 0.00	46.58 1.57 0.00	43.42 1.43 0.00	40.57 1.41 0.00	38.48 1.34 0.00	37.17 1.29 0.00	36.68 1.24 0.00	37.74 1.24 0.00	41.03 1.35 0.00	51.79 1.65 0.00	69.74 1.83 0.00	77.07 2.10 0.00	66.04 1.86 0.00	55.59 1.72 0.00	48.22 1.54 0.00	43.25 1.42 0.00
AUBURN___LFGE 323710	42.39 -0.91 0.00	39.60 -0.81 0.00	38.32 -0.78 0.00	38.22 -0.74 0.00	40.94 -0.67 0.00	46.55 -0.76 0.00	61.57 -0.81 0.00	72.96 -1.04 0.00	58.69 -0.71 0.00	44.20 -0.81 0.00	41.24 -0.76 0.00	38.34 -0.82 0.00	36.41 -0.74 0.00	35.12 -0.75 0.00	34.70 -0.74 0.00	35.80 -0.69 0.00	38.85 -0.83 0.00	49.14 -1.00 0.00	66.96 -0.95 0.00	73.92 -1.05 0.00	63.27 -0.90 0.00	52.90 -0.97 0.00	45.74 -0.93 0.00	41.04 -0.79 0.00
BABYLON_RES_REC 323704	46.61 2.81 -0.50	42.75 2.34 0.00	41.33 2.23 0.00	41.22 2.26 0.00	43.89 2.29 0.00	49.72 2.41 0.00	65.31 2.93 0.00	77.62 3.62 0.00	62.08 2.68 0.00	47.85 2.84 0.00	44.30 2.31 0.00	41.12 1.96 0.00	38.64 1.49 0.00	37.35 1.47 0.00	36.90 1.45 0.00	38.21 1.72 0.00	41.90 2.22 0.00	53.35 3.21 0.00	71.30 3.39 0.00	77.82 2.85 0.00	67.38 3.21 0.00	58.56 3.77 -0.92	49.95 3.27 -0.01	44.94 3.10 -0.01
BABYLON__69_KV_BK2 356345	47.25 3.46 -0.49	43.36 2.95 0.00	41.96 2.85 0.00	41.88 2.92 0.00	44.68 3.08 0.00	50.81 3.50 0.00	66.12 3.74 0.00	78.58 4.59 0.00	62.79 3.39 0.00	48.25 3.24 0.00	44.89 2.90 0.00	41.67 2.51 0.00	39.23 2.08 0.00	38.03 2.15 0.00	37.53 2.09 0.00	38.83 2.34 0.00	42.74 3.06 0.00	54.30 4.16 0.00	72.66 4.75 0.00	79.40 4.42 0.00	68.67 4.49 0.00	59.36 4.58 -0.91	50.60 3.92 0.00	45.30 3.47 0.00
BALL_HILL_WT_PWR 323825	39.92 -3.38 0.00	37.70 -2.71 0.00	36.49 -2.62 0.00	36.43 -2.53 0.00	39.03 -2.58 0.00	44.75 -2.56 0.00	60.01 -2.37 0.00	69.70 -4.29 0.00	56.79 -2.61 0.00	42.53 -2.48 0.00	39.81 -2.19 0.00	36.93 -2.23 0.00	35.07 -2.08 0.00	33.83 -2.04 0.00	33.39 -2.06 0.00	34.56 -1.94 0.00	37.58 -2.10 0.00	47.33 -2.81 0.00	64.24 -3.67 0.00	70.32 -4.65 0.00	60.39 -3.79 0.00	49.94 -3.93 0.00	43.36 -3.31 0.00	39.45 -2.38 0.00
BARON_WINDS___WT_PWR 323822	40.18 -3.12 0.00	37.54 -2.87 0.00	36.41 -2.70 0.00	36.35 -2.61 0.00	39.07 -2.54 0.00	44.80 -2.51 0.00	59.64 -2.74 0.00	70.14 -3.85 0.00	56.61 -2.79 0.00	42.26 -2.75 0.00	39.48 -2.52 0.00	36.70 -2.47 0.00	34.88 -2.27 0.00	33.69 -2.19 0.00	33.28 -2.16 0.00	34.34 -2.15 0.00	37.38 -2.30 0.00	47.38 -2.76 0.00	65.06 -2.85 0.00	71.68 -3.30 0.00	61.35 -2.82 0.00	51.07 -2.80 0.00	44.16 -2.52 0.00	39.78 -2.05 0.00
BARRETT_IC_1 23704	46.09 2.29 -0.50	42.35 1.94 0.00	40.94 1.84 0.00	40.83 1.87 0.00	43.52 1.91 0.00	49.39 2.08 0.00	64.81 2.43 0.00	77.10 3.11 0.00	61.90 2.49 0.00	47.66 2.65 0.00	44.43 2.43 0.00	41.32 2.15 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.25 1.81 0.00	38.50 2.01 0.00	42.06 2.38 0.00	53.30 3.16 0.00	70.89 2.98 0.00	78.12 3.15 0.00	67.25 3.08 0.00	57.91 3.12 -0.92	49.49 2.80 -0.01	44.39 2.55 -0.01
BARRETT_IC_10 23701	46.09 2.29 -0.50	42.35 1.94 0.00	40.94 1.84 0.00	40.83 1.87 0.00	43.52 1.91 0.00	49.39 2.08 0.00	64.81 2.43 0.00	77.10 3.11 0.00	61.90 2.49 0.00	47.66 2.65 0.00	44.43 2.43 0.00	41.32 2.15 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.25 1.81 0.00	38.50 2.01 0.00	42.06 2.38 0.00	53.30 3.16 0.00	70.89 2.98 0.00	78.12 3.15 0.00	67.25 3.08 0.00	57.91 3.12 -0.92	49.49 2.80 -0.01	44.39 2.55 -0.01
BARRETT_IC_11 23702	46.09 2.29 -0.50	42.35 1.94 0.00	40.94 1.84 0.00	40.83 1.87 0.00	43.52 1.91 0.00	49.39 2.08 0.00	64.81 2.43 0.00	77.10 3.11 0.00	61.90 2.49 0.00	47.66 2.65 0.00	44.43 2.43 0.00	41.32 2.15 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.25 1.81 0.00	38.50 2.01 0.00	42.06 2.38 0.00	53.30 3.16 0.00	70.89 2.98 0.00	78.12 3.15 0.00	67.25 3.08 0.00	57.91 3.12 -0.92	49.49 2.80 -0.01	44.39 2.55 -0.01
BARRETT_IC_12 23703	46.09 2.29 -0.50	42.35 1.94 0.00	40.94 1.84 0.00	40.83 1.87 0.00	43.52 1.91 0.00	49.39 2.08 0.00	64.81 2.43 0.00	77.10 3.11 0.00	61.90 2.49 0.00	47.66 2.65 0.00	44.43 2.43 0.00	41.32 2.15 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.25 1.81 0.00	38.50 2.01 0.00	42.06 2.38 0.00	53.30 3.16 0.00	70.89 2.98 0.00	78.12 3.15 0.00	67.25 3.08 0.00	57.91 3.12 -0.92	49.49 2.80 -0.01	44.39 2.55 -0.01
BARRETT_IC_2 23705	46.09 2.29 -0.50	42.35 1.94 0.00	40.94 1.84 0.00	40.83 1.87 0.00	43.52 1.91 0.00	49.39 2.08 0.00	64.81 2.43 0.00	77.10 3.11 0.00	61.90 2.49 0.00	47.66 2.65 0.00	44.43 2.43 0.00	41.32 2.15 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.25 1.81 0.00	38.50 2.01 0.00	42.06 2.38 0.00	53.30 3.16 0.00	70.89 2.98 0.00	78.12 3.15 0.00	67.25 3.08 0.00	57.91 3.12 -0.92	49.49 2.80 -0.01	44.39 2.55 -0.01
BARRETT_IC_3 23706	46.09 2.29 -0.50	42.35 1.94 0.00	40.94 1.84 0.00	40.83 1.87 0.00	43.52 1.91 0.00	49.39 2.08 0.00	64.81 2.43 0.00	77.10 3.11 0.00	61.90 2.49 0.00	47.66 2.65 0.00	44.43 2.43 0.00	41.32 2.15 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.25 1.81 0.00	38.50 2.01 0.00	42.06 2.38 0.00	53.30 3.16 0.00	70.89 2.98 0.00	78.12 3.15 0.00	67.25 3.08 0.00	57.91 3.12 -0.92	49.49 2.80 -0.01	44.39 2.55 -0.01
BARRETT_IC_4 23707	46.09 2.29 -0.50	42.35 1.94 0.00	40.94 1.84 0.00	40.83 1.87 0.00	43.52 1.91 0.00	49.39 2.08 0.00	64.81 2.43 0.00	77.10 3.11 0.00	61.90 2.49 0.00	47.66 2.65 0.00	44.43 2.43 0.00	41.32 2.15 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.25 1.81 0.00	38.50 2.01 0.00	42.06 2.38 0.00	53.30 3.16 0.00	70.89 2.98 0.00	78.12 3.15 0.00	67.25 3.08 0.00	57.91 3.12 -0.92	49.49 2.80 -0.01	44.39 2.55 -0.01

BARRETT_IC_5 23708	46.09 2.29 -0.50	42.35 1.94 0.00	40.94 1.84 0.00	40.83 1.87 0.00	43.52 1.91 0.00	49.39 2.08 0.00	64.81 2.43 0.00	77.10 3.11 0.00	61.90 2.49 0.00	47.66 2.65 0.00	44.43 2.43 0.00	41.32 2.15 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.25 1.81 0.00	38.50 2.01 0.00	42.06 2.38 0.00	53.30 3.16 0.00	70.89 2.98 0.00	78.12 3.15 0.00	67.25 3.08 0.00	57.91 3.12 -0.92	49.49 2.80 -0.01	44.39 2.55 -0.01
BARRETT_IC_6 23709	46.09 2.29 -0.50	42.35 1.94 0.00	40.94 1.84 0.00	40.83 1.87 0.00	43.52 1.91 0.00	49.39 2.08 0.00	64.81 2.43 0.00	77.10 3.11 0.00	61.90 2.49 0.00	47.66 2.65 0.00	44.43 2.43 0.00	41.32 2.15 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.25 1.81 0.00	38.50 2.01 0.00	42.06 2.38 0.00	53.30 3.16 0.00	70.89 2.98 0.00	78.12 3.15 0.00	67.25 3.08 0.00	57.91 3.12 -0.92	49.49 2.80 -0.01	44.39 2.55 -0.01
BARRETT_IC_7 23710	46.22 2.42 -0.49	42.51 2.10 0.00	41.10 1.99 0.00	40.99 2.03 0.00	43.77 2.16 0.00	49.82 2.51 0.00	65.06 2.68 0.00	77.25 3.26 0.00	62.08 2.67 0.00	47.67 2.66 0.00	44.35 2.35 0.00	41.24 2.08 0.00	38.93 1.78 0.00	37.74 1.87 0.00	37.25 1.81 0.00	38.43 1.93 0.00	42.02 2.34 0.00	53.30 3.16 0.00	71.03 3.12 0.00	78.12 3.15 0.00	67.25 3.08 0.00	58.01 3.23 -0.91	49.52 2.85 0.00	44.30 2.47 0.00
BARRETT_IC_8 23711	46.09 2.29 -0.50	42.35 1.94 0.00	40.94 1.84 0.00	40.83 1.87 0.00	43.52 1.91 0.00	49.39 2.08 0.00	64.81 2.43 0.00	77.10 3.11 0.00	61.90 2.49 0.00	47.66 2.65 0.00	44.43 2.43 0.00	41.32 2.15 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.25 1.81 0.00	38.50 2.01 0.00	42.06 2.38 0.00	53.30 3.16 0.00	70.89 2.98 0.00	78.12 3.15 0.00	67.25 3.08 0.00	57.91 3.12 -0.92	49.49 2.80 -0.01	44.39 2.55 -0.01
BARRETT_IC_9 23700	46.09 2.29 -0.50	42.35 1.94 0.00	40.94 1.84 0.00	40.83 1.87 0.00	43.52 1.91 0.00	49.39 2.08 0.00	64.81 2.43 0.00	77.10 3.11 0.00	61.90 2.49 0.00	47.66 2.65 0.00	44.43 2.43 0.00	41.32 2.15 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.25 1.81 0.00	38.50 2.01 0.00	42.06 2.38 0.00	53.30 3.16 0.00	70.89 2.98 0.00	78.12 3.15 0.00	67.25 3.08 0.00	57.91 3.12 -0.92	49.49 2.80 -0.01	44.39 2.55 -0.01
BARRETT___1 23545	46.09 2.29 -0.50	42.35 1.94 0.00	40.94 1.84 0.00	40.83 1.87 0.00	43.52 1.91 0.00	49.39 2.08 0.00	64.81 2.43 0.00	77.10 3.11 0.00	61.90 2.49 0.00	47.66 2.65 0.00	44.43 2.43 0.00	41.32 2.15 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.25 1.81 0.00	38.50 2.01 0.00	42.06 2.38 0.00	53.30 3.16 0.00	70.89 2.98 0.00	78.12 3.15 0.00	67.25 3.08 0.00	57.91 3.12 -0.92	49.49 2.80 -0.01	44.39 2.55 -0.01
BARRETT___2 23546	46.09 2.29 -0.50	42.35 1.94 0.00	40.94 1.84 0.00	40.83 1.87 0.00	43.52 1.91 0.00	49.39 2.08 0.00	64.81 2.43 0.00	77.10 3.11 0.00	61.90 2.49 0.00	47.66 2.65 0.00	44.43 2.43 0.00	41.32 2.15 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.25 1.81 0.00	38.50 2.01 0.00	42.06 2.38 0.00	53.30 3.16 0.00	70.89 2.98 0.00	78.12 3.15 0.00	67.25 3.08 0.00	57.91 3.12 -0.92	49.49 2.80 -0.01	44.39 2.55 -0.01
BATAVIA__115KV_TB1 55881	40.92 -2.38 0.00	38.35 -2.06 0.00	37.19 -1.92 0.00	37.05 -1.91 0.00	39.86 -1.75 0.00	45.51 -1.80 0.00	60.20 -2.18 0.00	70.44 -3.55 0.00	57.21 -2.20 0.00	42.44 -2.57 0.00	39.56 -2.44 0.00	36.62 -2.55 0.00	34.88 -2.27 0.00	33.51 -2.37 0.00	33.14 -2.30 0.00	34.45 -2.04 0.00	37.54 -2.14 0.00	47.18 -2.96 0.00	64.51 -3.40 0.00	71.00 -3.97 0.00	61.09 -3.08 0.00	50.69 -3.18 0.00	44.11 -2.57 0.00	39.87 -1.97 0.00
BAYONEEC___CTG1 323682	45.08 1.78 0.00	41.98 1.57 0.00	40.59 1.49 0.00	40.44 1.48 0.00	43.23 1.62 0.00	49.01 1.70 0.00	65.00 2.62 0.00	77.54 3.55 0.00	62.25 2.85 0.00	47.76 2.75 0.00	44.47 2.48 0.00	41.51 2.35 0.00	39.27 2.12 0.00	38.04 2.15 -0.01	37.53 2.09 0.00	38.61 2.12 0.00	41.90 2.22 0.00	52.95 2.81 0.00	70.89 2.98 0.00	76.67 3.67 1.98	67.32 3.14 0.00	56.67 2.80 0.00	49.20 2.52 0.00	44.05 2.22 0.00
BAYONEEC___CTG10 323750	45.08 1.78 0.00	41.98 1.57 0.00	40.59 1.49 0.00	40.44 1.48 0.00	43.23 1.62 0.00	49.01 1.70 0.00	65.00 2.62 0.00	77.54 3.55 0.00	62.25 2.85 0.00	47.76 2.75 0.00	44.47 2.48 0.00	41.51 2.35 0.00	39.27 2.12 0.00	38.04 2.15 -0.01	37.53 2.09 0.00	38.61 2.12 0.00	41.90 2.22 0.00	52.95 2.81 0.00	70.89 2.98 0.00	76.67 3.67 1.98	67.32 3.14 0.00	56.67 2.80 0.00	49.20 2.52 0.00	44.05 2.22 0.00
BAYONEEC___CTG2 323683	45.08 1.78 0.00	41.98 1.57 0.00	40.59 1.49 0.00	40.44 1.48 0.00	43.23 1.62 0.00	49.01 1.70 0.00	65.00 2.62 0.00	77.54 3.55 0.00	62.25 2.85 0.00	47.76 2.75 0.00	44.47 2.48 0.00	41.51 2.35 0.00	39.27 2.12 0.00	38.04 2.15 -0.01	37.53 2.09 0.00	38.61 2.12 0.00	41.90 2.22 0.00	52.95 2.81 0.00	70.89 2.98 0.00	76.67 3.67 1.98	67.32 3.14 0.00	56.67 2.80 0.00	49.20 2.52 0.00	44.05 2.22 0.00
BAYONEEC___CTG3 323684	45.08 1.78 0.00	41.98 1.57 0.00	40.59 1.49 0.00	40.44 1.48 0.00	43.23 1.62 0.00	49.01 1.70 0.00	65.00 2.62 0.00	77.54 3.55 0.00	62.25 2.85 0.00	47.76 2.75 0.00	44.47 2.48 0.00	41.51 2.35 0.00	39.27 2.12 0.00	38.04 2.15 -0.01	37.53 2.09 0.00	38.61 2.12 0.00	41.90 2.22 0.00	52.95 2.81 0.00	70.89 2.98 0.00	76.67 3.67 1.98	67.32 3.14 0.00	56.67 2.80 0.00	49.20 2.52 0.00	44.05 2.22 0.00
BAYONEEC___CTG4 323685	45.08 1.78 0.00	41.98 1.57 0.00	40.59 1.49 0.00	40.44 1.48 0.00	43.23 1.62 0.00	49.01 1.70 0.00	65.00 2.62 0.00	77.54 3.55 0.00	62.25 2.85 0.00	47.76 2.75 0.00	44.47 2.48 0.00	41.51 2.35 0.00	39.27 2.12 0.00	38.04 2.15 -0.01	37.53 2.09 0.00	38.61 2.12 0.00	41.90 2.22 0.00	52.95 2.81 0.00	70.89 2.98 0.00	76.67 3.67 1.98	67.32 3.14 0.00	56.67 2.80 0.00	49.20 2.52 0.00	44.05 2.22 0.00
BAYONEEC___CTG5 323686	45.08 1.78 0.00	41.98 1.57 0.00	40.59 1.49 0.00	40.44 1.48 0.00	43.23 1.62 0.00	49.01 1.70 0.00	65.00 2.62 0.00	77.54 3.55 0.00	62.25 2.85 0.00	47.76 2.75 0.00	44.47 2.48 0.00	41.51 2.35 0.00	39.27 2.12 0.00	38.04 2.15 -0.01	37.53 2.09 0.00	38.61 2.12 0.00	41.90 2.22 0.00	52.95 2.81 0.00	70.89 2.98 0.00	76.67 3.67 1.98	67.32 3.14 0.00	56.67 2.80 0.00	49.20 2.52 0.00	44.05 2.22 0.00
BAYONEEC___CTG6 323687	45.08 1.78 0.00	41.98 1.57 0.00	40.59 1.49 0.00	40.44 1.48 0.00	43.23 1.62 0.00	49.01 1.70 0.00	65.00 2.62 0.00	77.54 3.55 0.00	62.25 2.85 0.00	47.76 2.75 0.00	44.47 2.48 0.00	41.51 2.35 0.00	39.27 2.12 0.00	38.04 2.15 -0.01	37.53 2.09 0.00	38.61 2.12 0.00	41.90 2.22 0.00	52.95 2.81 0.00	70.89 2.98 0.00	76.67 3.67 1.98	67.32 3.14 0.00	56.67 2.80 0.00	49.20 2.52 0.00	44.05 2.22 0.00

BAYONEEC___CTG7 323688	45.08 1.78 0.00	41.98 1.57 0.00	40.59 1.49 0.00	40.44 1.48 0.00	43.23 1.62 0.00	49.01 1.70 0.00	65.00 2.62 0.00	77.54 3.55 0.00	62.25 2.85 0.00	47.76 2.75 0.00	44.47 2.48 0.00	41.51 2.35 0.00	39.27 2.12 0.00	38.04 2.15 -0.01	37.53 2.09 0.00	38.61 2.12 0.00	41.90 2.22 0.00	52.95 2.81 0.00	70.89 2.98 0.00	76.67 3.67 1.98	67.32 3.14 0.00	56.67 2.80 0.00	49.20 2.52 0.00	44.05 2.22 0.00
BAYONEEC___CTG8 323689	45.08 1.78 0.00	41.98 1.57 0.00	40.59 1.49 0.00	40.44 1.48 0.00	43.23 1.62 0.00	49.01 1.70 0.00	65.00 2.62 0.00	77.54 3.55 0.00	62.25 2.85 0.00	47.76 2.75 0.00	44.47 2.48 0.00	41.51 2.35 0.00	39.27 2.12 0.00	38.04 2.15 -0.01	37.53 2.09 0.00	38.61 2.12 0.00	41.90 2.22 0.00	52.95 2.81 0.00	70.89 2.98 0.00	76.67 3.67 1.98	67.32 3.14 0.00	56.67 2.80 0.00	49.20 2.52 0.00	44.05 2.22 0.00
BAYONEEC___CTG9 323749	45.08 1.78 0.00	41.98 1.57 0.00	40.59 1.49 0.00	40.44 1.48 0.00	43.23 1.62 0.00	49.01 1.70 0.00	65.00 2.62 0.00	77.54 3.55 0.00	62.25 2.85 0.00	47.76 2.75 0.00	44.47 2.48 0.00	41.51 2.35 0.00	39.27 2.12 0.00	38.04 2.15 -0.01	37.53 2.09 0.00	38.61 2.12 0.00	41.90 2.22 0.00	52.95 2.81 0.00	70.89 2.98 0.00	76.67 3.67 1.98	67.32 3.14 0.00	56.67 2.80 0.00	49.20 2.52 0.00	44.05 2.22 0.00
BEACON___LESR 323632	45.38 2.08 0.00	42.31 1.90 0.00	40.94 1.84 0.00	40.76 1.79 0.00	43.52 1.91 0.00	49.49 2.18 0.00	65.50 3.12 0.00	77.91 3.92 0.00	62.31 2.91 0.00	47.21 2.20 0.00	43.97 1.97 0.00	41.08 1.92 0.00	38.90 1.75 0.00	37.56 1.69 0.00	37.08 1.63 0.00	38.14 1.64 0.00	41.51 1.83 0.00	52.55 2.41 0.00	71.10 3.19 0.00	78.65 3.67 0.00	67.19 3.02 0.00	56.56 2.69 0.00	49.01 2.33 0.00	43.92 2.09 0.00
BEAVER RIVER___HYD 24048	43.17 -0.13 0.00	40.25 -0.16 0.00	38.87 -0.23 0.00	38.77 -0.19 0.00	41.40 -0.21 0.00	47.17 -0.14 0.00	62.44 0.06 0.00	74.66 0.66 0.00	59.52 0.12 0.00	44.52 -0.49 0.00	41.32 -0.67 0.00	38.42 -0.75 0.00	36.44 -0.71 0.00	35.09 -0.79 0.00	34.91 -0.53 0.00	35.99 -0.51 0.00	39.25 -0.44 0.00	50.04 -0.10 0.00	69.06 1.15 0.00	76.17 1.20 0.00	65.07 0.90 0.00	54.25 0.38 0.00	46.72 0.05 0.00	41.62 -0.21 0.00
BEEBEE_GT_13 23619	41.09 -2.21 0.00	38.43 -1.98 0.00	37.23 -1.88 0.00	37.09 -1.87 0.00	39.82 -1.79 0.00	45.32 -1.99 0.00	59.76 -2.62 0.00	70.29 -3.70 0.00	56.97 -2.44 0.00	42.62 -2.39 0.00	39.85 -2.14 0.00	36.97 -2.19 0.00	35.22 -1.93 0.00	33.87 -2.01 0.00	33.46 -1.98 0.00	34.71 -1.79 0.00	37.70 -1.98 0.00	47.38 -2.76 0.00	64.51 -3.40 0.00	70.92 -4.05 0.00	60.90 -3.27 0.00	50.80 -3.07 0.00	44.11 -2.57 0.00	39.78 -2.05 0.00
BENSHRST_27_KV_BENSHRST_1 355998	58.59 2.73 -12.56	57.81 2.46 -14.93	57.67 2.31 -16.26	57.71 2.34 -16.41	57.78 2.54 -13.64	58.03 2.79 -7.93	66.00 3.62 0.00	78.65 4.66 0.00	64.11 3.86 -0.85	63.47 3.56 -14.90	61.41 3.11 -16.31	61.34 2.94 -19.24	59.22 2.64 -19.43	61.74 2.73 -23.14	61.74 2.66 -23.64	58.90 2.70 -19.71	60.73 2.94 -18.12	111.50 3.66 -57.70	71.70 3.73 -0.06	111.61 4.57 -32.07	70.77 3.85 -2.75	63.03 3.45 -5.71	62.96 3.13 -13.15	60.18 2.84 -15.50
BETHLEHEM___GRP 23843	44.99 1.69 0.00	41.94 1.54 0.00	40.59 1.49 0.00	40.40 1.44 0.00	43.14 1.54 0.00	49.06 1.75 0.00	64.75 2.37 0.00	76.80 2.81 0.00	61.48 2.08 0.00	46.72 1.71 0.00	43.51 1.51 0.00	40.65 1.49 0.00	38.52 1.37 0.00	37.21 1.33 0.00	36.72 1.28 0.00	37.74 1.24 0.00	41.11 1.43 0.00	52.00 1.86 0.00	70.15 2.24 0.00	77.52 2.55 0.00	66.29 2.12 0.00	55.81 1.94 0.00	48.40 1.73 0.00	43.46 1.63 0.00
BETHLEHEM___GS1 323560	44.90 1.60 0.00	41.86 1.45 0.00	40.51 1.41 0.00	40.36 1.40 0.00	43.10 1.50 0.00	48.96 1.65 0.00	64.62 2.24 0.00	76.73 2.74 0.00	61.48 2.08 0.00	46.72 1.71 0.00	43.59 1.60 0.00	40.73 1.57 0.00	38.60 1.45 0.00	37.24 1.36 0.00	36.79 1.35 0.00	37.81 1.31 0.00	41.15 1.47 0.00	52.00 1.86 0.00	70.15 2.24 0.00	77.52 2.55 0.00	66.29 2.11 0.00	55.86 1.99 0.00	48.45 1.77 0.00	43.51 1.68 0.00
BETHLEHEM___GS2 323561	44.90 1.60 0.00	41.86 1.45 0.00	40.51 1.41 0.00	40.36 1.40 0.00	43.10 1.50 0.00	48.96 1.65 0.00	64.62 2.24 0.00	76.73 2.74 0.00	61.48 2.08 0.00	46.72 1.71 0.00	43.59 1.60 0.00	40.73 1.57 0.00	38.60 1.45 0.00	37.24 1.36 0.00	36.79 1.35 0.00	37.81 1.31 0.00	41.15 1.47 0.00	52.00 1.86 0.00	70.15 2.24 0.00	77.52 2.55 0.00	66.29 2.11 0.00	55.86 1.99 0.00	48.45 1.77 0.00	43.51 1.68 0.00
BETHLEHEM___GS3 323562	44.90 1.60 0.00	41.86 1.45 0.00	40.51 1.41 0.00	40.36 1.40 0.00	43.10 1.50 0.00	48.96 1.65 0.00	64.62 2.24 0.00	76.73 2.74 0.00	61.48 2.08 0.00	46.72 1.71 0.00	43.59 1.60 0.00	40.73 1.57 0.00	38.60 1.45 0.00	37.24 1.36 0.00	36.79 1.35 0.00	37.81 1.31 0.00	41.15 1.47 0.00	52.00 1.86 0.00	70.15 2.24 0.00	77.52 2.55 0.00	66.29 2.11 0.00	55.86 1.99 0.00	48.45 1.77 0.00	43.51 1.68 0.00
BETHLEHEM___STEEL 23779	40.18 -3.12 0.00	37.74 -2.67 0.00	36.56 -2.54 0.00	36.43 -2.53 0.00	39.11 -2.50 0.00	44.66 -2.65 0.00	58.95 -3.43 0.00	68.81 -5.18 0.00	56.02 -3.39 0.00	41.90 -3.11 0.00	39.27 -2.73 0.00	36.42 -2.74 0.00	34.73 -2.41 0.00	33.37 -2.51 0.00	32.96 -2.48 0.00	34.27 -2.23 0.00	37.26 -2.42 0.00	46.53 -3.61 0.00	63.29 -4.62 0.00	69.20 -5.77 0.00	59.75 -4.43 0.00	49.45 -4.42 0.00	43.18 -3.50 0.00	39.36 -2.47 0.00
BETHLHEM_115KV_TB1 79974	44.90 1.60 0.00	41.86 1.45 0.00	40.51 1.41 0.00	40.33 1.36 0.00	43.06 1.46 0.00	49.01 1.70 0.00	64.63 2.25 0.00	76.66 2.66 0.00	61.42 2.02 0.00	46.68 1.67 0.00	43.47 1.47 0.00	40.61 1.45 0.00	38.45 1.30 0.00	37.17 1.29 0.00	36.68 1.24 0.00	37.70 1.20 0.00	41.07 1.39 0.00	51.95 1.81 0.00	70.08 2.17 0.00	77.45 2.47 0.00	66.23 2.05 0.00	55.76 1.89 0.00	48.36 1.68 0.00	43.42 1.59 0.00
BETHPAGE_CC_5 323564	46.44 2.64 -0.50	42.59 2.18 0.00	41.22 2.11 0.00	41.10 2.14 0.00	43.77 2.16 0.00	49.63 2.32 0.00	65.25 2.87 0.00	77.54 3.55 0.00	62.14 2.73 0.00	47.89 2.88 0.00	44.72 2.73 0.00	41.55 2.39 0.00	39.23 2.08 0.00	37.92 2.04 0.00	37.46 2.02 0.00	38.72 2.23 0.00	42.34 2.66 0.00	53.70 3.56 0.00	71.64 3.73 0.00	78.72 3.75 0.00	67.76 3.59 0.00	58.34 3.55 -0.92	49.81 3.13 -0.01	44.72 2.88 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	40.18 -3.12 0.00	37.74 -2.67 0.00	36.56 -2.54 0.00	36.47 -2.49 0.00	39.15 -2.45 0.00	44.71 -2.60 0.00	59.07 -3.31 0.00	68.96 -5.03 0.00	56.20 -3.21 0.00	41.99 -3.02 0.00	39.35 -2.65 0.00	36.54 -2.62 0.00	34.85 -2.30 0.00	33.44 -2.44 0.00	33.07 -2.37 0.00	34.34 -2.15 0.00	37.34 -2.34 0.00	46.68 -3.46 0.00	63.49 -4.41 0.00	69.50 -5.47 0.00	59.94 -4.24 0.00	49.61 -4.26 0.00	43.27 -3.41 0.00	39.45 -2.38 0.00

BINGHAMTON___COGEN 23790	42.61 -0.69 0.00	39.76 -0.65 0.00	38.48 -0.63 0.00	38.38 -0.58 0.00	41.06 -0.54 0.00	46.74 -0.57 0.00	61.88 -0.50 0.00	73.18 -0.81 0.00	58.93 -0.48 0.00	44.38 -0.63 0.00	41.37 -0.63 0.00	38.50 -0.67 0.00	36.59 -0.56 0.00	35.27 -0.61 0.00	34.84 -0.60 0.00	35.95 -0.55 0.00	39.05 -0.63 0.00	49.34 -0.80 0.00	67.09 -0.81 0.00	74.00 -0.97 0.00	63.40 -0.77 0.00	53.06 -0.81 0.00	45.93 -0.75 0.00	41.33 -0.50 0.00
BIXINCNT_115KV_LOAD 355685	38.97 -4.33 0.00	36.53 -3.88 0.00	35.39 -3.72 0.00	35.30 -3.66 0.00	37.94 -3.66 0.00	43.81 -3.50 0.00	58.45 -3.93 0.00	68.52 -5.48 0.00	56.26 -3.15 0.00	42.26 -2.75 0.00	39.64 -2.35 0.00	36.85 -2.31 0.00	35.14 -2.01 0.00	33.76 -2.12 0.00	33.39 -2.06 0.00	34.71 -1.79 0.00	37.70 -1.98 0.00	47.23 -2.91 0.00	64.31 -3.60 0.00	70.47 -4.50 0.00	60.77 -3.40 0.00	50.10 -3.77 0.00	43.41 -3.27 0.00	39.36 -2.47 0.00
BLACK RIVER___HYD 24047	43.48 0.17 0.00	40.57 0.16 0.00	39.18 0.08 0.00	39.04 0.08 0.00	41.81 0.21 0.00	47.69 0.38 0.00	63.32 0.94 0.00	75.62 1.63 0.00	60.17 0.77 0.00	44.65 -0.36 0.00	41.45 -0.55 0.00	38.50 -0.67 0.00	36.52 -0.63 0.00	35.12 -0.76 0.00	34.84 -0.60 0.00	35.91 -0.59 0.00	39.13 -0.56 0.00	50.04 -0.10 0.00	69.40 1.49 0.00	77.00 2.03 0.00	65.84 1.67 0.00	54.79 0.91 0.00	47.14 0.47 0.00	41.96 0.13 0.00
BLACKRVR_115KV_TB2 79977	43.43 0.13 0.00	40.53 0.12 0.00	39.15 0.04 0.00	39.04 0.08 0.00	41.77 0.17 0.00	47.59 0.28 0.00	63.25 0.87 0.00	75.62 1.63 0.00	60.18 0.77 0.00	44.69 -0.32 0.00	41.53 -0.46 0.00	38.54 -0.63 0.00	36.55 -0.59 0.00	35.16 -0.72 0.00	34.88 -0.57 0.00	35.99 -0.51 0.00	39.17 -0.52 0.00	50.04 -0.10 0.00	69.40 1.49 0.00	77.00 2.02 0.00	65.84 1.67 0.00	54.79 0.92 0.00	47.14 0.47 0.00	41.96 0.13 0.00
BLISS_WT_PWR 323608	38.36 -4.94 0.00	36.17 -4.24 0.00	35.00 -4.11 0.00	34.91 -4.05 0.00	37.49 -4.12 0.00	43.52 -3.79 0.00	58.45 -3.93 0.00	68.15 -5.85 0.00	56.02 -3.38 0.00	42.18 -2.83 0.00	39.56 -2.44 0.00	36.82 -2.35 0.00	34.99 -2.16 0.00	33.76 -2.12 0.00	33.35 -2.09 0.00	34.56 -1.94 0.00	37.54 -2.14 0.00	47.29 -2.86 0.00	64.37 -3.53 0.00	70.55 -4.42 0.00	60.64 -3.53 0.00	49.99 -3.88 0.00	43.36 -3.31 0.00	39.24 -2.59 0.00
BLUESTONE___WT_PWR 323821	44.47 1.17 0.00	41.50 1.09 0.00	40.01 0.90 0.00	39.86 0.90 0.00	42.69 1.08 0.00	48.73 1.42 0.00	65.00 2.62 0.00	77.25 3.25 0.00	61.90 2.49 0.00	46.23 1.22 0.00	42.92 0.92 0.00	39.83 0.67 0.00	37.78 0.63 0.00	36.42 0.54 0.00	36.01 0.57 0.00	37.15 0.66 0.00	40.55 0.87 0.00	51.79 1.65 0.00	71.24 3.33 0.00	78.79 3.82 0.00	67.25 3.08 0.00	56.08 2.21 0.00	48.36 1.68 0.00	43.25 1.42 0.00
BLUE_CIRC_CHEM_DRP 24182	44.99 1.69 0.00	41.94 1.54 0.00	40.59 1.49 0.00	40.40 1.44 0.00	43.19 1.58 0.00	49.11 1.80 0.00	64.75 2.37 0.00	76.80 2.81 0.00	61.42 2.02 0.00	46.50 1.49 0.00	43.26 1.26 0.00	40.38 1.21 0.00	38.26 1.11 0.00	36.95 1.08 0.00	36.47 1.03 0.00	37.48 0.99 0.00	40.83 1.15 0.00	51.75 1.60 0.00	70.01 2.11 0.00	77.45 2.47 0.00	66.23 2.05 0.00	55.76 1.89 0.00	48.36 1.68 0.00	43.42 1.59 0.00
BOC_GAS_DRP 24189	44.51 1.21 0.00	41.54 1.13 0.00	40.16 1.06 0.00	40.01 1.05 0.00	42.73 1.12 0.00	48.59 1.28 0.00	64.06 1.68 0.00	75.99 2.00 0.00	60.95 1.54 0.00	46.32 1.31 0.00	43.17 1.18 0.00	40.34 1.17 0.00	38.23 1.08 0.00	36.92 1.04 0.00	36.47 1.03 0.00	37.48 0.99 0.00	40.79 1.11 0.00	51.55 1.40 0.00	69.47 1.56 0.00	76.77 1.80 0.00	65.71 1.54 0.00	55.33 1.45 0.00	47.98 1.31 0.00	43.04 1.21 0.00
BOONVILLE_115KV_TB1 79983	43.78 0.48 0.00	40.85 0.44 0.00	39.46 0.35 0.00	39.35 0.39 0.00	42.06 0.46 0.00	47.92 0.62 0.00	63.44 1.06 0.00	75.69 1.70 0.00	60.53 1.13 0.00	45.51 0.50 0.00	42.33 0.34 0.00	39.40 0.23 0.00	37.37 0.22 0.00	36.02 0.14 0.00	35.73 0.28 0.00	36.82 0.33 0.00	40.12 0.44 0.00	50.99 0.85 0.00	69.81 1.90 0.00	77.00 2.02 0.00	65.78 1.60 0.00	54.95 1.08 0.00	47.42 0.75 0.00	42.33 0.50 0.00
BORALEX_4TH_BRANCH 23824	45.68 2.38 0.00	42.59 2.18 0.00	41.22 2.11 0.00	41.07 2.10 0.00	43.85 2.25 0.00	49.82 2.51 0.00	65.56 3.18 0.00	77.32 3.33 0.00	62.08 2.67 0.00	47.40 2.39 0.00	44.31 2.31 0.00	41.40 2.23 0.00	39.23 2.08 0.00	37.85 1.97 0.00	37.36 1.91 0.00	38.39 1.90 0.00	41.90 2.22 0.00	52.90 2.76 0.00	70.96 3.06 0.00	78.12 3.15 0.00	66.87 2.70 0.00	56.51 2.64 0.00	49.15 2.47 0.00	44.30 2.47 0.00
BOWLINE___1 23526	44.69 1.39 0.00	41.62 1.21 0.00	40.32 1.21 0.00	40.17 1.21 0.00	42.85 1.25 0.00	48.68 1.37 0.00	64.44 2.06 0.00	76.73 2.74 0.00	61.54 2.14 0.00	47.04 2.03 0.00	43.80 1.80 0.00	40.89 1.72 0.00	38.71 1.56 0.00	37.45 1.58 0.00	36.97 1.52 0.00	38.06 1.57 0.00	41.35 1.67 0.00	52.30 2.15 0.00	70.15 2.24 0.00	77.75 2.78 0.00	66.61 2.44 0.00	56.03 2.16 0.00	48.59 1.91 0.00	43.51 1.68 0.00
BOWLINE___2 23595	44.69 1.39 0.00	41.62 1.21 0.00	40.32 1.21 0.00	40.17 1.21 0.00	42.85 1.25 0.00	48.68 1.37 0.00	64.44 2.06 0.00	76.73 2.74 0.00	61.54 2.14 0.00	47.04 2.03 0.00	43.80 1.80 0.00	40.89 1.72 0.00	38.75 1.60 0.00	37.45 1.58 0.00	36.97 1.52 0.00	38.06 1.57 0.00	41.35 1.67 0.00	52.30 2.15 0.00	70.15 2.24 0.00	77.75 2.78 0.00	66.61 2.44 0.00	56.03 2.16 0.00	48.59 1.91 0.00	43.55 1.72 0.00
BRADY___115KV_TB2 356060	44.34 1.04 0.00	41.38 0.97 0.00	40.01 0.90 0.00	39.86 0.90 0.00	42.44 0.83 0.00	48.35 1.04 0.00	63.44 1.06 0.00	75.40 1.41 0.00	60.18 0.77 0.00	45.32 0.32 0.00	42.08 0.08 0.00	39.09 -0.08 0.00	37.11 -0.04 0.00	35.84 -0.04 0.00	35.48 0.04 0.00	36.61 0.11 0.00	40.00 0.32 0.00	50.64 0.50 0.00	69.54 1.63 0.00	76.77 1.80 0.00	65.78 1.60 0.00	55.06 1.19 0.00	47.61 0.93 0.00	42.42 0.59 0.00
BRANSCOMB___SOLAR 323811	45.64 2.34 0.00	42.59 2.18 0.00	41.22 2.11 0.00	40.99 2.02 0.00	43.81 2.20 0.00	49.86 2.55 0.00	65.93 3.55 0.00	78.51 4.51 0.00	62.67 3.27 0.00	47.35 2.34 0.00	44.01 2.02 0.00	41.04 1.88 0.00	38.78 1.63 0.00	37.38 1.51 0.00	36.90 1.45 0.00	37.96 1.46 0.00	41.47 1.79 0.00	52.20 2.06 0.00	70.76 2.85 0.00	78.35 3.38 0.00	66.87 2.69 0.00	56.24 2.37 0.00	48.73 2.05 0.00	43.76 1.93 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	47.12 3.33 -0.49	43.28 2.87 0.00	41.88 2.78 0.00	41.81 2.84 0.00	44.60 3.00 0.00	50.67 3.36 0.00	65.87 3.49 0.00	78.14 4.14 0.00	62.55 3.15 0.00	48.07 3.06 0.00	44.81 2.81 0.00	41.59 2.43 0.00	39.19 2.04 0.00	38.00 2.12 0.00	37.53 2.09 0.00	38.80 2.30 0.00	42.70 3.02 0.00	54.20 4.06 0.00	72.46 4.55 0.00	79.10 4.12 0.00	68.41 4.24 0.00	59.09 4.31 -0.91	50.41 3.73 0.00	45.18 3.35 0.00

BRISTLHL_115KV_TB1 79998	41.74 -1.56 0.00	38.95 -1.45 0.00	37.74 -1.37 0.00	37.64 -1.32 0.00	40.23 -1.37 0.00	45.70 -1.61 0.00	60.26 -2.12 0.00	71.40 -2.59 0.00	57.50 -1.90 0.00	43.34 -1.67 0.00	40.57 -1.43 0.00	37.79 -1.37 0.00	35.89 -1.26 0.00	34.59 -1.29 0.00	34.17 -1.28 0.00	35.22 -1.28 0.00	38.13 -1.55 0.00	48.09 -2.06 0.00	65.40 -2.51 0.00	72.20 -2.77 0.00	61.80 -2.37 0.00	51.82 -2.05 0.00	44.81 -1.87 0.00	40.24 -1.59 0.00
BROOKHAVEN___DRP 24191	47.08 3.29 -0.49	43.20 2.79 0.00	41.88 2.78 0.00	41.77 2.81 0.00	44.60 3.00 0.00	50.43 3.12 0.00	65.00 2.62 0.00	76.88 2.89 0.00	61.36 1.96 0.00	47.44 2.43 0.00	44.52 2.52 0.00	41.32 2.15 0.00	38.89 1.75 0.00	37.71 1.83 0.00	37.11 1.67 0.00	38.43 1.93 0.00	42.50 2.82 0.00	54.00 3.86 0.00	72.19 4.28 0.00	78.12 3.15 0.00	67.83 3.66 0.00	58.77 3.99 -0.91	50.22 3.55 0.00	45.18 3.35 0.00
BROOKLYN_NAVY_YARD 23515	45.08 1.78 0.00	41.94 1.54 0.00	40.59 1.49 0.00	40.44 1.48 0.00	43.19 1.58 0.00	48.96 1.65 0.00	65.00 2.62 0.00	77.54 3.55 0.00	62.25 2.85 0.00	47.80 2.79 0.00	44.52 2.52 0.00	41.51 2.35 0.00	39.30 2.15 0.00	38.08 2.19 -0.01	37.57 2.13 0.00	38.65 2.15 0.00	41.94 2.26 0.00	53.00 2.86 0.00	70.97 3.06 0.00	78.72 3.75 0.00	67.38 3.21 0.00	56.62 2.75 0.00	49.20 2.52 0.00	44.05 2.22 0.00
BROOKLYN___ARMY_DRP 323595	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50
BROOKVLE_69_KV_TB1 55790	46.65 2.86 -0.49	42.83 2.42 0.00	41.45 2.35 0.00	41.30 2.34 0.00	44.14 2.54 0.00	50.29 2.98 0.00	65.81 3.43 0.00	78.36 4.37 0.00	62.79 3.39 0.00	48.16 3.15 0.00	44.85 2.86 0.00	41.63 2.47 0.00	39.30 2.15 0.00	38.10 2.22 0.00	37.61 2.16 0.00	38.83 2.34 0.00	42.50 2.82 0.00	53.85 3.71 0.00	72.05 4.14 0.00	79.25 4.27 0.00	68.22 4.04 0.00	58.66 3.88 -0.91	49.99 3.31 0.00	44.72 2.89 0.00
BROOME_2_LFGE 323671	42.57 -0.74 0.00	39.76 -0.65 0.00	38.52 -0.59 0.00	38.38 -0.58 0.00	41.06 -0.54 0.00	46.79 -0.52 0.00	61.95 -0.43 0.00	73.18 -0.81 0.00	58.93 -0.48 0.00	44.38 -0.63 0.00	41.37 -0.63 0.00	38.50 -0.67 0.00	36.52 -0.63 0.00	35.27 -0.61 0.00	34.84 -0.60 0.00	35.91 -0.59 0.00	39.01 -0.67 0.00	49.34 -0.80 0.00	67.10 -0.81 0.00	74.00 -0.98 0.00	63.34 -0.84 0.00	53.06 -0.81 0.00	45.93 -0.75 0.00	41.33 -0.50 0.00
BROOME___LFGE 323600	42.57 -0.74 0.00	39.76 -0.65 0.00	38.52 -0.59 0.00	38.38 -0.58 0.00	41.06 -0.54 0.00	46.79 -0.52 0.00	61.95 -0.43 0.00	73.18 -0.81 0.00	58.93 -0.48 0.00	44.38 -0.63 0.00	41.37 -0.63 0.00	38.50 -0.67 0.00	36.52 -0.63 0.00	35.27 -0.61 0.00	34.84 -0.60 0.00	35.91 -0.59 0.00	39.01 -0.67 0.00	49.34 -0.80 0.00	67.10 -0.81 0.00	74.00 -0.98 0.00	63.34 -0.84 0.00	53.06 -0.81 0.00	45.93 -0.75 0.00	41.33 -0.50 0.00
BROWNFLS_115KV_TB_3_5 80003	43.17 -0.13 0.00	40.29 -0.12 0.00	38.91 -0.20 0.00	38.81 -0.16 0.00	41.27 -0.33 0.00	46.98 -0.33 0.00	61.94 -0.44 0.00	73.99 0.00 0.00	59.05 -0.36 0.00	44.29 -0.72 0.00	41.16 -0.84 0.00	38.22 -0.94 0.00	36.26 -0.89 0.00	34.98 -0.90 0.00	34.73 -0.71 0.00	35.80 -0.69 0.00	39.05 -0.63 0.00	49.64 -0.50 0.00	68.32 0.41 0.00	75.42 0.45 0.00	64.49 0.32 0.00	53.92 0.05 0.00	46.58 -0.09 0.00	41.50 -0.33 0.00
BROWNSV1_27_KV_LOAD 356125	45.60 2.29 0.00	42.43 2.02 0.00	40.98 1.88 0.00	40.87 1.91 0.00	43.69 2.08 0.00	49.72 2.41 0.00	65.75 3.37 0.00	78.28 4.29 0.00	62.85 3.45 0.00	48.16 3.15 0.00	44.73 2.73 0.00	41.71 2.55 0.00	39.53 2.38 0.00	38.33 2.44 -0.01	37.75 2.30 0.00	38.87 2.37 0.00	42.22 2.54 0.00	53.40 3.26 0.00	71.51 3.60 0.00	79.32 4.35 0.00	67.83 3.66 0.00	56.99 3.12 0.00	49.43 2.75 0.00	44.26 2.43 0.00
BURROWS___LYONSDAL 23803	43.56 0.26 0.00	40.65 0.24 0.00	39.26 0.16 0.00	39.16 0.19 0.00	41.85 0.25 0.00	47.64 0.33 0.00	63.13 0.75 0.00	75.40 1.41 0.00	60.29 0.89 0.00	45.23 0.23 0.00	42.08 0.08 0.00	39.16 0.00 0.00	37.15 0.00 0.00	35.81 -0.07 0.00	35.55 0.11 0.00	36.64 0.15 0.00	39.92 0.24 0.00	50.79 0.65 0.00	69.67 1.77 0.00	76.77 1.80 0.00	65.59 1.41 0.00	54.73 0.86 0.00	47.19 0.51 0.00	42.12 0.29 0.00
CAITHNESS_CC_1 323624	46.83 3.03 -0.50	42.96 2.55 0.00	41.53 2.43 0.00	41.49 2.53 0.00	44.02 2.41 0.00	49.58 2.27 0.00	64.75 2.37 0.00	76.58 2.59 0.00	61.18 1.78 0.00	47.44 2.43 0.00	44.56 2.56 0.00	41.36 2.19 0.00	38.97 1.82 0.00	37.67 1.79 0.00	37.11 1.67 0.00	38.50 2.01 0.00	42.46 2.78 0.00	53.95 3.81 0.00	71.91 4.01 0.00	78.12 3.15 0.00	67.32 3.14 0.00	58.40 3.61 -0.92	49.86 3.18 -0.01	45.19 3.35 -0.01
CALPINE BETH_PAGE_GT4 24209	46.43 2.64 -0.49	42.63 2.22 0.00	41.26 2.15 0.00	41.14 2.18 0.00	43.94 2.33 0.00	50.01 2.70 0.00	65.31 2.93 0.00	77.62 3.63 0.00	62.25 2.85 0.00	47.85 2.84 0.00	44.68 2.69 0.00	41.51 2.35 0.00	39.15 2.01 0.00	37.92 2.05 0.00	37.46 2.02 0.00	38.69 2.19 0.00	42.26 2.58 0.00	53.55 3.41 0.00	71.51 3.60 0.00	78.57 3.60 0.00	67.70 3.53 0.00	58.39 3.61 -0.91	49.76 3.08 0.00	44.51 2.68 0.00
CALPINE_BETH_PAGE_GT_4 323586	46.31 2.51 -0.50	42.51 2.10 0.00	41.10 1.99 0.00	40.99 2.02 0.00	43.68 2.08 0.00	49.53 2.22 0.00	65.12 2.74 0.00	77.40 3.41 0.00	62.01 2.61 0.00	47.85 2.84 0.00	44.77 2.77 0.00	41.59 2.43 0.00	39.27 2.12 0.00	37.96 2.08 0.00	37.46 2.02 0.00	38.76 2.26 0.00	42.30 2.62 0.00	53.60 3.46 0.00	71.51 3.60 0.00	78.57 3.60 0.00	67.64 3.46 0.00	58.24 3.45 -0.92	49.72 3.03 -0.01	44.64 2.80 -0.01
CALPINE_BP_GT1 23823	46.31 2.51 -0.50	42.51 2.10 0.00	41.10 1.99 0.00	40.99 2.02 0.00	43.68 2.08 0.00	49.53 2.22 0.00	65.12 2.74 0.00	77.40 3.41 0.00	62.01 2.61 0.00	47.85 2.84 0.00	44.77 2.77 0.00	41.59 2.43 0.00	39.27 2.12 0.00	37.96 2.08 0.00	37.46 2.02 0.00	38.76 2.26 0.00	42.30 2.62 0.00	53.60 3.46 0.00	71.51 3.60 0.00	78.57 3.60 0.00	67.64 3.46 0.00	58.24 3.45 -0.92	49.72 3.03 -0.01	44.64 2.80 -0.01
CALSPAN___DRP 24200	40.18 -3.12 0.00	37.74 -2.67 0.00	36.56 -2.54 0.00	36.43 -2.53 0.00	39.11 -2.50 0.00	44.66 -2.65 0.00	66.64 -3.43 -7.69	79.20 -5.18 -10.38	59.58 -3.39 -3.57	41.90 -3.11 0.00	39.27 -2.73 0.00	36.42 -2.74 0.00	34.73 -2.41 0.00	33.37 -2.51 0.00	32.96 -2.48 0.00	34.27 -2.23 0.00	37.26 -2.42 0.00	49.38 -3.61 -2.85	79.01 -4.62 -15.72	73.12 -5.77 -3.92	63.90 -4.43 -4.16	49.51 -4.42 -0.06	43.18 -3.50 0.00	39.36 -2.47 0.00

CALVERTON___SOLAR 323806	47.05 3.25 -0.50	43.16 2.75 0.00	41.73 2.62 0.00	41.73 2.77 0.00	44.19 2.58 0.00	49.77 2.46 0.00	64.88 2.50 0.00	76.65 2.66 0.00	61.13 1.72 0.00	47.44 2.43 0.00	44.64 2.65 0.00	41.40 2.23 0.00	39.01 1.86 0.00	37.71 1.83 0.00	37.11 1.67 0.00	38.50 2.01 0.00	42.58 2.90 0.00	54.15 4.01 0.00	72.32 4.41 0.00	78.19 3.22 0.00	67.44 3.27 0.00	58.67 3.88 -0.92	50.09 3.41 -0.01	45.44 3.60 -0.01
CANDIGU_WT_PWR 323617	40.18 -3.12 0.00	37.54 -2.87 0.00	36.41 -2.70 0.00	36.35 -2.61 0.00	39.07 -2.54 0.00	44.80 -2.51 0.00	59.64 -2.74 0.00	70.14 -3.85 0.00	56.61 -2.79 0.00	42.26 -2.75 0.00	39.48 -2.52 0.00	36.70 -2.47 0.00	34.88 -2.27 0.00	33.69 -2.19 0.00	33.28 -2.16 0.00	34.34 -2.15 0.00	37.38 -2.30 0.00	47.38 -2.76 0.00	65.06 -2.85 0.00	71.68 -3.30 0.00	61.35 -2.82 0.00	51.07 -2.80 0.00	44.16 -2.52 0.00	39.78 -2.05 0.00
CARR STREET_E_SYR 24060	42.13 -1.17 0.00	39.36 -1.05 0.00	38.09 -1.02 0.00	37.99 -0.97 0.00	40.65 -0.96 0.00	46.22 -1.09 0.00	60.95 -1.43 0.00	72.07 -1.92 0.00	57.98 -1.43 0.00	43.70 -1.31 0.00	40.86 -1.13 0.00	38.03 -1.14 0.00	36.11 -1.04 0.00	34.87 -1.00 0.00	34.45 -0.99 0.00	35.47 -1.02 0.00	38.45 -1.23 0.00	48.59 -1.55 0.00	66.01 -1.90 0.00	72.87 -2.10 0.00	62.31 -1.86 0.00	52.26 -1.61 0.00	45.23 -1.45 0.00	40.62 -1.21 0.00
CARTHAGE___PAPER 23857	43.26 -0.04 0.00	40.37 -0.04 0.00	38.99 -0.12 0.00	38.85 -0.12 0.00	41.56 -0.04 0.00	47.36 0.05 0.00	62.82 0.44 0.00	75.03 1.04 0.00	59.76 0.36 0.00	44.52 -0.49 0.00	41.32 -0.67 0.00	38.42 -0.75 0.00	36.41 -0.74 0.00	35.09 -0.79 0.00	34.84 -0.60 0.00	35.91 -0.59 0.00	39.21 -0.47 0.00	50.04 -0.10 0.00	69.27 1.36 0.00	76.62 1.65 0.00	65.52 1.35 0.00	54.57 0.70 0.00	46.96 0.28 0.00	41.79 -0.04 0.00
CASSADAGA_WT_PWR 323784	39.06 -4.24 0.00	37.01 -3.39 0.00	35.82 -3.28 0.00	35.84 -3.12 0.00	38.57 -3.04 0.00	44.66 -2.65 0.00	60.38 -2.00 0.00	70.59 -3.40 0.00	57.80 -1.60 0.00	43.48 -1.53 0.00	40.74 -1.26 0.00	37.76 -1.41 0.00	35.85 -1.30 0.00	34.51 -1.36 0.00	34.02 -1.42 0.00	35.26 -1.24 0.00	38.26 -1.43 0.00	48.29 -1.85 0.00	65.60 -2.31 0.00	71.68 -3.30 0.00	61.22 -2.95 0.00	50.21 -3.67 0.00	43.32 -3.36 0.00	39.20 -2.63 0.00
CE_DUNWOOD___DRP 24194	45.16 1.86 0.00	42.07 1.66 0.00	40.67 1.56 0.00	40.52 1.56 0.00	43.31 1.71 0.00	49.30 1.99 0.00	65.06 2.68 0.00	77.40 3.40 0.00	62.08 2.67 0.00	47.49 2.48 0.00	44.10 2.10 0.00	41.16 2.00 0.00	38.97 1.82 0.00	37.74 1.87 0.00	37.25 1.81 0.00	38.32 1.82 0.00	41.71 2.02 0.00	52.75 2.61 0.00	70.76 2.85 0.00	78.35 3.37 0.00	67.06 2.89 0.00	56.40 2.53 0.00	48.92 2.24 0.00	43.80 1.97 0.00
CE_MILLWOOD___DRP 24193	45.03 1.73 0.00	42.03 1.62 0.00	40.59 1.49 0.00	40.44 1.48 0.00	43.19 1.58 0.00	49.15 1.85 0.00	64.88 2.50 0.00	77.17 3.18 0.00	61.90 2.49 0.00	47.31 2.30 0.00	43.93 1.93 0.00	41.01 1.84 0.00	38.82 1.67 0.00	37.60 1.72 0.00	37.11 1.67 0.00	38.21 1.72 0.00	41.55 1.87 0.00	52.55 2.41 0.00	70.49 2.58 0.00	78.05 3.07 0.00	66.87 2.70 0.00	56.24 2.37 0.00	48.78 2.10 0.00	43.67 1.84 0.00
CE_NYC2_DRP 24202	45.60 2.29 -0.01	42.48 2.06 -0.01	41.03 1.92 -0.01	40.88 1.91 -0.01	43.73 2.12 0.00	49.63 2.32 0.00	65.37 2.99 0.00	77.84 3.85 0.00	62.61 3.21 0.00	48.07 3.06 0.00	44.64 2.65 0.00	42.37 2.51 -0.70	39.95 2.30 -0.50	39.63 2.40 -1.35	38.59 2.27 -0.88	38.83 2.34 0.00	42.18 2.50 0.00	53.20 3.06 0.00	71.03 3.12 0.00	78.72 3.75 0.00	67.32 3.14 0.00	56.73 2.86 0.00	49.29 2.61 0.00	44.22 2.38 0.00
CE_NYC_DRP 24195	45.34 2.04 0.00	42.23 1.82 0.00	40.79 1.68 0.00	40.64 1.68 0.00	43.48 1.87 0.00	49.44 2.13 0.00	65.37 2.99 0.00	77.77 3.77 0.00	62.49 3.09 0.00	47.89 2.88 0.00	44.47 2.48 0.00	41.48 2.31 0.00	39.27 2.12 0.00	38.08 2.19 -0.01	37.53 2.09 0.00	38.65 2.15 0.00	41.98 2.30 0.00	53.05 2.91 0.00	71.03 3.12 0.00	78.80 3.82 0.00	67.38 3.21 0.00	56.62 2.75 0.00	49.10 2.43 0.00	43.97 2.13 0.00
CHAFFEE___LFGE 323603	40.14 -3.16 0.00	37.90 -2.51 0.00	36.72 -2.39 0.00	36.63 -2.34 0.00	39.24 -2.37 0.00	44.94 -2.36 0.00	59.76 -2.62 0.00	68.59 -5.40 0.00	55.96 -3.45 0.00	41.86 -3.15 0.00	39.43 -2.56 0.00	36.58 -2.59 0.00	34.73 -2.41 0.00	33.47 -2.40 0.00	33.07 -2.37 0.00	34.23 -2.26 0.00	37.18 -2.50 0.00	46.93 -3.21 0.00	63.76 -4.14 0.00	70.02 -4.95 0.00	60.26 -3.92 0.00	49.94 -3.93 0.00	43.36 -3.31 0.00	39.53 -2.30 0.00
CHATEAUG_35_KV_LOAD 355732	43.86 0.56 0.00	40.89 0.48 0.00	39.54 0.43 0.00	39.35 0.39 0.00	41.94 0.33 0.00	47.78 0.47 0.00	62.88 0.50 0.00	74.81 0.81 0.00	59.88 0.48 0.00	45.23 0.23 0.00	42.04 0.04 0.00	39.05 -0.12 0.00	37.00 -0.15 0.00	35.73 -0.14 0.00	35.37 -0.07 0.00	36.57 0.07 0.00	40.04 0.36 0.00	50.84 0.70 0.00	69.61 1.70 0.00	76.70 1.72 0.00	65.78 1.60 0.00	54.95 1.08 0.00	47.33 0.65 0.00	42.12 0.29 0.00
CHATEAUG_WT_PWR 323614	43.82 0.52 0.00	40.85 0.45 0.00	39.50 0.39 0.00	39.27 0.31 0.00	41.86 0.25 0.00	47.64 0.33 0.00	62.76 0.38 0.00	74.58 0.59 0.00	59.82 0.42 0.00	45.19 0.18 0.00	42.04 0.04 0.00	39.05 -0.12 0.00	37.00 -0.15 0.00	35.70 -0.18 0.00	35.37 -0.07 0.00	36.53 0.04 0.00	40.00 0.32 0.00	50.79 0.65 0.00	69.47 1.56 0.00	76.55 1.58 0.00	65.65 1.48 0.00	54.84 0.97 0.00	47.28 0.61 0.00	42.08 0.25 0.00
CHAT_HIGH_FALL_HYD 323578	43.86 0.56 0.00	40.89 0.48 0.00	39.54 0.43 0.00	39.35 0.39 0.00	41.94 0.33 0.00	47.78 0.47 0.00	62.88 0.50 0.00	74.81 0.81 0.00	59.88 0.48 0.00	45.23 0.23 0.00	42.04 0.04 0.00	39.05 -0.12 0.00	37.00 -0.15 0.00	35.73 -0.14 0.00	35.37 -0.07 0.00	36.57 0.07 0.00	40.04 0.36 0.00	50.84 0.70 0.00	69.61 1.70 0.00	76.70 1.72 0.00	65.78 1.60 0.00	54.95 1.08 0.00	47.33 0.65 0.00	42.12 0.29 0.00
CHAUTAUQUA___LFGE 323629	39.80 -3.51 0.00	37.62 -2.79 0.00	36.45 -2.66 0.00	36.39 -2.57 0.00	39.07 -2.54 0.00	44.94 -2.36 0.00	60.32 -2.06 0.00	70.22 -3.77 0.00	57.21 -2.20 0.00	42.94 -2.07 0.00	40.19 -1.80 0.00	37.29 -1.88 0.00	35.40 -1.75 0.00	34.12 -1.76 0.00	33.67 -1.77 0.00	34.85 -1.64 0.00	37.86 -1.82 0.00	47.74 -2.41 0.00	64.79 -3.12 0.00	70.92 -4.05 0.00	60.77 -3.40 0.00	50.10 -3.77 0.00	43.46 -3.22 0.00	39.49 -2.34 0.00
CHERRYST_13_KV_LD 356241	45.42 2.12 0.00	42.31 1.90 0.00	40.87 1.76 0.00	40.72 1.75 0.00	43.56 1.96 0.00	49.58 2.27 0.00	65.56 3.18 0.00	78.06 4.07 0.00	62.67 3.27 0.00	48.03 3.02 0.00	44.60 2.60 0.00	41.59 2.43 0.00	39.38 2.23 0.00	38.22 2.33 -0.01	37.64 2.20 0.00	38.76 2.26 0.00	42.10 2.42 0.00	53.20 3.06 0.00	71.24 3.33 0.00	79.02 4.05 0.00	67.57 3.40 0.00	56.78 2.91 0.00	49.24 2.57 0.00	44.09 2.26 0.00

CHESTROR_138KV_BK263 355645	44.64 1.34 0.00	41.62 1.21 0.00	40.28 1.17 0.00	40.13 1.17 0.00	42.85 1.25 0.00	48.73 1.42 0.00	64.38 2.00 0.00	76.51 2.52 0.00	61.36 1.96 0.00	46.77 1.76 0.00	43.42 1.43 0.00	40.50 1.33 0.00	38.37 1.23 0.00	37.17 1.29 0.00	36.65 1.21 0.00	37.74 1.24 0.00	41.07 1.39 0.00	51.95 1.81 0.00	69.88 1.97 0.00	77.37 2.40 0.00	66.29 2.12 0.00	55.70 1.83 0.00	48.31 1.63 0.00	43.25 1.42 0.00
CH_MIDHUDSON___DRP 24192	45.16 1.86 0.00	42.07 1.66 0.00	40.71 1.60 0.00	40.56 1.60 0.00	43.31 1.71 0.00	49.30 1.99 0.00	65.13 2.74 0.00	77.32 3.33 0.00	61.96 2.55 0.00	47.22 2.21 0.00	43.89 1.89 0.00	40.97 1.80 0.00	38.78 1.63 0.00	37.56 1.69 0.00	37.04 1.59 0.00	38.14 1.64 0.00	41.47 1.79 0.00	52.50 2.36 0.00	70.56 2.65 0.00	78.12 3.15 0.00	66.93 2.76 0.00	56.29 2.42 0.00	48.78 2.10 0.00	43.71 1.88 0.00
CH_MISC_IPPS 23765	45.20 1.90 0.00	42.11 1.70 0.00	40.79 1.68 0.00	40.64 1.67 0.00	43.35 1.75 0.00	49.25 1.94 0.00	65.31 2.93 0.00	77.76 3.77 0.00	62.37 2.97 0.00	47.44 2.43 0.00	44.01 2.02 0.00	41.08 1.92 0.00	38.86 1.71 0.00	37.60 1.72 0.00	37.11 1.67 0.00	38.21 1.72 0.00	41.59 1.90 0.00	52.70 2.56 0.00	71.03 3.13 0.00	78.72 3.75 0.00	67.44 3.27 0.00	56.67 2.80 0.00	49.15 2.47 0.00	43.96 2.13 0.00
CH_RES_BVR_FALLS 23983	42.78 -0.52 0.00	39.88 -0.53 0.00	38.60 -0.51 0.00	38.42 -0.55 0.00	41.02 -0.58 0.00	46.74 -0.57 0.00	61.70 -0.68 0.00	73.48 -0.51 0.00	59.05 -0.35 0.00	44.79 -0.22 0.00	41.79 -0.21 0.00	38.93 -0.23 0.00	36.93 -0.22 0.00	35.66 -0.21 0.00	35.30 -0.14 0.00	36.39 -0.11 0.00	39.68 0.00 0.00	50.19 0.05 0.00	68.25 0.34 0.00	75.20 0.23 0.00	64.30 0.13 0.00	53.82 -0.05 0.00	46.40 -0.28 0.00	41.37 -0.46 0.00
CH_RES_NIAGARA 23895	39.14 -4.16 0.00	36.69 -3.72 0.00	35.63 -3.48 0.00	35.46 -3.51 0.00	38.03 -3.58 0.00	43.29 -4.02 0.00	56.77 -5.61 0.00	66.15 -7.84 0.00	53.88 -5.52 0.00	40.33 -4.68 0.00	37.80 -4.20 0.00	35.09 -4.07 0.00	33.47 -3.68 0.00	32.15 -3.73 0.00	31.79 -3.65 0.00	33.03 -3.47 0.00	35.91 -3.77 0.00	44.68 -5.47 0.00	60.71 -7.20 0.00	66.28 -8.70 0.00	57.24 -6.93 0.00	47.57 -6.30 0.00	41.64 -5.04 0.00	38.07 -3.76 0.00
CH_RES_SYRACUSE 23985	42.44 -0.87 0.00	39.60 -0.81 0.00	38.36 -0.74 0.00	38.26 -0.70 0.00	40.94 -0.67 0.00	46.55 -0.76 0.00	61.38 -1.00 0.00	72.66 -1.33 0.00	58.39 -1.01 0.00	44.02 -0.99 0.00	41.11 -0.88 0.00	38.27 -0.90 0.00	36.30 -0.85 0.00	35.05 -0.82 0.00	34.63 -0.81 0.00	35.66 -0.84 0.00	38.69 -0.99 0.00	48.89 -1.25 0.00	66.55 -1.36 0.00	73.47 -1.50 0.00	62.82 -1.35 0.00	52.63 -1.24 0.00	45.56 -1.12 0.00	40.87 -0.96 0.00
CLINTON_WT_PWR 323605	43.82 0.52 0.00	40.85 0.45 0.00	39.50 0.39 0.00	39.27 0.31 0.00	41.86 0.25 0.00	47.64 0.33 0.00	62.76 0.38 0.00	74.58 0.59 0.00	59.82 0.42 0.00	45.19 0.18 0.00	42.04 0.04 0.00	39.05 -0.12 0.00	37.00 -0.15 0.00	35.70 -0.18 0.00	35.37 -0.07 0.00	36.53 0.04 0.00	40.00 0.32 0.00	50.79 0.65 0.00	69.47 1.56 0.00	76.55 1.58 0.00	65.65 1.48 0.00	54.84 0.97 0.00	47.28 0.61 0.00	42.08 0.25 0.00
CLINTON___LFGE 323618	44.73 1.43 0.00	41.70 1.29 0.00	40.28 1.17 0.00	40.09 1.13 0.00	42.69 1.08 0.00	48.68 1.37 0.00	64.19 1.81 0.00	76.29 2.30 0.00	61.18 1.78 0.00	46.09 1.08 0.00	42.75 0.76 0.00	39.60 0.43 0.00	37.52 0.37 0.00	36.20 0.32 0.00	35.87 0.43 0.00	37.19 0.69 0.00	40.83 1.15 0.00	51.94 1.80 0.00	71.51 3.60 0.00	78.65 3.67 0.00	67.51 3.33 0.00	56.30 2.43 0.00	48.36 1.68 0.00	42.88 1.05 0.00
COBBLENY_34_KV_TB1 80064	40.31 -2.99 0.00	37.86 -2.55 0.00	36.68 -2.42 0.00	36.55 -2.42 0.00	39.23 -2.37 0.00	44.85 -2.46 0.00	59.26 -3.12 0.00	68.59 -5.40 0.00	56.02 -3.39 0.00	41.90 -3.11 0.00	39.48 -2.52 0.00	36.62 -2.55 0.00	34.88 -2.27 0.00	33.51 -2.37 0.00	33.07 -2.37 0.00	34.34 -2.15 0.00	37.30 -2.38 0.00	46.93 -3.21 0.00	63.83 -4.07 0.00	70.02 -4.95 0.00	60.39 -3.79 0.00	49.94 -3.93 0.00	43.36 -3.31 0.00	39.49 -2.34 0.00
COFFEEN___115KV_TB3 355620	43.69 0.39 0.00	40.73 0.32 0.00	39.34 0.23 0.00	39.23 0.27 0.00	42.02 0.42 0.00	47.88 0.57 0.00	63.69 1.31 0.00	76.14 2.15 0.00	60.47 1.07 0.00	44.83 -0.18 0.00	41.66 -0.34 0.00	38.66 -0.51 0.00	36.63 -0.52 0.00	35.23 -0.65 0.00	34.95 -0.50 0.00	36.02 -0.47 0.00	39.25 -0.44 0.00	50.24 0.10 0.00	69.81 1.90 0.00	77.52 2.55 0.00	66.36 2.18 0.00	55.16 1.29 0.00	47.42 0.75 0.00	42.21 0.38 0.00
COLDSPRG_115KV_BK1 355956	40.49 -2.81 0.00	38.11 -2.30 0.00	36.92 -2.19 0.00	36.86 -2.10 0.00	39.65 -1.96 0.00	45.61 -1.70 0.00	61.13 -1.25 0.00	71.63 -2.37 0.00	58.45 -0.95 0.00	43.75 -1.26 0.00	40.90 -1.09 0.00	37.91 -1.25 0.00	36.11 -1.04 0.00	34.62 -1.26 0.00	34.17 -1.28 0.00	35.47 -1.02 0.00	38.53 -1.15 0.00	48.49 -1.65 0.00	65.94 -1.97 0.00	72.20 -2.77 0.00	62.06 -2.12 0.00	51.07 -2.80 0.00	44.16 -2.52 0.00	40.12 -1.72 0.00
COLONIE_LFGE___ 323577	45.20 1.90 0.00	42.15 1.74 0.00	40.79 1.68 0.00	40.60 1.64 0.00	43.35 1.75 0.00	49.25 1.94 0.00	64.94 2.56 0.00	77.10 3.11 0.00	61.78 2.38 0.00	46.99 1.98 0.00	43.89 1.89 0.00	40.97 1.80 0.00	38.78 1.63 0.00	37.42 1.54 0.00	36.93 1.49 0.00	37.99 1.50 0.00	41.39 1.71 0.00	52.20 2.06 0.00	70.35 2.44 0.00	77.75 2.78 0.00	66.48 2.31 0.00	56.03 2.16 0.00	48.59 1.91 0.00	43.67 1.84 0.00
COOPERNY_115KV_TB1 80082	44.21 0.91 0.00	41.22 0.81 0.00	39.89 0.78 0.00	39.74 0.78 0.00	42.44 0.83 0.00	48.30 0.99 0.00	63.75 1.37 0.00	75.69 1.70 0.00	60.77 1.37 0.00	46.23 1.22 0.00	43.00 1.01 0.00	40.10 0.94 0.00	38.00 0.85 0.00	36.77 0.90 0.00	36.29 0.85 0.00	37.37 0.88 0.00	40.63 0.95 0.00	51.40 1.25 0.00	69.27 1.36 0.00	76.62 1.65 0.00	65.59 1.41 0.00	55.11 1.24 0.00	47.80 1.12 0.00	42.79 0.96 0.00
COPENHAGEN_WT_PWR 323753	43.35 0.04 0.00	40.41 0.00 0.00	39.03 -0.08 0.00	38.92 -0.04 0.00	41.69 0.08 0.00	47.50 0.19 0.00	63.00 0.62 0.00	75.25 1.26 0.00	59.88 0.47 0.00	44.52 -0.49 0.00	41.37 -0.63 0.00	38.42 -0.75 0.00	36.44 -0.71 0.00	35.05 -0.82 0.00	34.77 -0.67 0.00	35.84 -0.66 0.00	39.05 -0.64 0.00	49.84 -0.30 0.00	68.99 1.08 0.00	76.55 1.58 0.00	65.46 1.28 0.00	54.52 0.65 0.00	46.96 0.28 0.00	41.79 -0.04 0.00
CORNELL_____ 23752	43.26 -0.04 0.00	40.37 -0.04 0.00	39.07 -0.04 0.00	38.92 -0.04 0.00	41.73 0.12 0.00	47.50 0.19 0.00	62.88 0.50 0.00	74.59 0.59 0.00	59.94 0.53 0.00	44.92 -0.09 0.00	41.74 -0.25 0.00	38.81 -0.35 0.00	36.81 -0.33 0.00	35.48 -0.39 0.00	35.09 -0.35 0.00	36.20 -0.29 0.00	39.40 -0.28 0.00	49.99 -0.15 0.00	68.38 0.48 0.00	75.57 0.60 0.00	64.69 0.51 0.00	54.14 0.27 0.00	46.72 0.05 0.00	41.87 0.04 0.00

CORONA__69_KV_TB1 355595	46.48 2.68 -0.49	42.71 2.30 0.00	41.34 2.23 0.00	41.18 2.22 0.00	43.98 2.37 0.00	50.10 2.79 0.00	65.62 3.24 0.00	77.99 4.00 0.00	62.55 3.15 0.00	47.98 2.97 0.00	44.64 2.65 0.00	41.48 2.31 0.00	39.15 2.01 0.00	37.96 2.08 0.00	37.46 2.02 0.00	38.65 2.15 0.00	42.30 2.62 0.00	53.60 3.46 0.00	71.64 3.73 0.00	78.87 3.90 0.00	67.90 3.72 0.00	58.39 3.61 -0.91	49.80 3.13 0.00	44.55 2.72 0.00
CORTLAND__115KV_TB3 80093	42.96 -0.35 0.00	40.09 -0.32 0.00	38.83 -0.27 0.00	38.69 -0.27 0.00	41.44 -0.17 0.00	47.12 -0.19 0.00	62.38 0.00 0.00	73.92 -0.07 0.00	59.40 0.00 0.00	44.69 -0.32 0.00	41.62 -0.38 0.00	38.73 -0.43 0.00	36.78 -0.37 0.00	35.45 -0.43 0.00	35.05 -0.39 0.00	36.13 -0.36 0.00	39.25 -0.44 0.00	49.69 -0.45 0.00	67.77 -0.14 0.00	74.82 -0.15 0.00	64.04 -0.13 0.00	53.60 -0.27 0.00	46.35 -0.33 0.00	41.58 -0.25 0.00
COXSACKIE__GT 23611	46.68 3.38 0.00	43.56 3.15 0.00	42.16 3.05 0.00	41.96 3.00 0.00	44.81 3.20 0.00	51.00 3.69 0.00	68.00 5.62 0.00	80.80 6.80 0.00	63.98 4.57 0.00	47.76 2.75 0.00	44.01 2.02 0.00	40.97 1.80 0.00	38.71 1.56 0.00	37.38 1.51 0.00	36.97 1.52 0.00	38.03 1.53 0.00	41.63 1.94 0.00	53.10 2.96 0.00	72.66 4.75 0.00	80.82 5.85 0.00	69.11 4.94 0.00	58.02 4.15 0.00	50.22 3.55 0.00	44.88 3.05 0.00
CPV_VALLEY__CC1 323721	44.25 0.95 0.00	41.22 0.81 0.00	39.93 0.82 0.00	39.78 0.82 0.00	42.48 0.88 0.00	48.21 0.90 0.00	63.75 1.37 0.00	75.84 1.85 0.00	60.89 1.49 0.00	46.45 1.44 0.00	43.25 1.26 0.00	40.34 1.17 0.00	38.26 1.11 0.00	36.99 1.11 0.00	36.51 1.06 0.00	37.59 1.09 0.00	40.83 1.15 0.00	51.60 1.46 0.00	69.40 1.49 0.00	76.85 1.88 0.00	65.78 1.60 0.00	55.33 1.46 0.00	48.03 1.35 0.00	43.05 1.21 0.00
CPV_VALLEY__CC2 323722	44.25 0.95 0.00	41.22 0.81 0.00	39.93 0.82 0.00	39.78 0.82 0.00	42.48 0.88 0.00	48.21 0.90 0.00	63.75 1.37 0.00	75.84 1.85 0.00	60.89 1.49 0.00	46.45 1.44 0.00	43.25 1.26 0.00	40.34 1.17 0.00	38.26 1.11 0.00	36.99 1.11 0.00	36.51 1.06 0.00	37.59 1.09 0.00	40.83 1.15 0.00	51.60 1.46 0.00	69.40 1.49 0.00	76.85 1.88 0.00	65.78 1.60 0.00	55.33 1.46 0.00	48.03 1.35 0.00	43.05 1.21 0.00
CRESCENT__HYD 24018	45.20 1.90 0.00	42.15 1.74 0.00	40.79 1.68 0.00	40.60 1.64 0.00	43.35 1.75 0.00	49.25 1.94 0.00	64.94 2.56 0.00	77.10 3.11 0.00	61.78 2.38 0.00	46.99 1.98 0.00	43.89 1.89 0.00	40.97 1.80 0.00	38.78 1.63 0.00	37.42 1.54 0.00	36.93 1.49 0.00	37.99 1.50 0.00	41.39 1.71 0.00	52.20 2.06 0.00	70.35 2.44 0.00	77.75 2.78 0.00	66.48 2.31 0.00	56.03 2.16 0.00	48.59 1.91 0.00	43.67 1.84 0.00
CRICKET__VALLEY_CC1 323756	44.77 1.47 0.00	41.70 1.29 0.00	40.39 1.29 0.00	40.29 1.33 0.00	42.94 1.33 0.00	48.73 1.42 0.00	64.32 1.94 0.00	76.43 2.44 0.00	61.30 1.90 0.00	46.90 1.89 0.00	43.80 1.80 0.00	40.93 1.76 0.00	38.82 1.67 0.00	37.49 1.62 0.00	37.00 1.56 0.00	38.10 1.60 0.00	41.35 1.67 0.00	52.20 2.06 0.00	70.02 2.11 0.00	77.30 2.33 0.00	66.23 2.05 0.00	55.86 1.99 0.00	48.50 1.82 0.00	43.55 1.72 0.00
CRICKET__VALLEY_CC2 323757	44.77 1.47 0.00	41.70 1.29 0.00	40.39 1.29 0.00	40.29 1.33 0.00	42.94 1.33 0.00	48.73 1.42 0.00	64.32 1.94 0.00	76.43 2.44 0.00	61.30 1.90 0.00	46.90 1.89 0.00	43.80 1.80 0.00	40.93 1.76 0.00	38.82 1.67 0.00	37.49 1.62 0.00	37.00 1.56 0.00	38.10 1.60 0.00	41.35 1.67 0.00	52.20 2.06 0.00	70.02 2.11 0.00	77.30 2.33 0.00	66.23 2.05 0.00	55.86 1.99 0.00	48.50 1.82 0.00	43.55 1.72 0.00
CRICKET__VALLEY_CC3 323758	44.77 1.47 0.00	41.70 1.29 0.00	40.39 1.29 0.00	40.29 1.33 0.00	42.94 1.33 0.00	48.73 1.42 0.00	64.32 1.94 0.00	76.43 2.44 0.00	61.30 1.90 0.00	46.90 1.89 0.00	43.80 1.80 0.00	40.93 1.76 0.00	38.82 1.67 0.00	37.49 1.62 0.00	37.00 1.56 0.00	38.10 1.60 0.00	41.35 1.67 0.00	52.20 2.06 0.00	70.02 2.11 0.00	77.30 2.33 0.00	66.23 2.05 0.00	55.86 1.99 0.00	48.50 1.82 0.00	43.55 1.72 0.00
CRUCIBLE__METL_DRP 24180	42.35 -0.95 0.00	39.52 -0.89 0.00	38.28 -0.82 0.00	38.18 -0.78 0.00	40.86 -0.75 0.00	46.41 -0.90 0.00	61.26 -1.12 0.00	72.59 -1.41 0.00	58.45 -0.95 0.00	44.06 -0.95 0.00	41.20 -0.80 0.00	38.34 -0.82 0.00	36.41 -0.74 0.00	35.12 -0.75 0.00	34.70 -0.74 0.00	35.77 -0.73 0.00	38.73 -0.95 0.00	48.89 -1.25 0.00	66.55 -1.36 0.00	73.47 -1.50 0.00	62.83 -1.35 0.00	52.69 -1.19 0.00	45.56 -1.12 0.00	40.87 -0.96 0.00
DAHOWA__HYDRO 323763	45.86 2.55 0.00	42.75 2.34 0.00	41.37 2.27 0.00	41.18 2.22 0.00	43.98 2.37 0.00	50.10 2.79 0.00	66.31 3.93 0.00	79.03 5.03 0.00	62.97 3.56 0.00	47.53 2.52 0.00	44.14 2.14 0.00	41.16 2.00 0.00	38.90 1.75 0.00	37.45 1.58 0.00	37.00 1.56 0.00	38.06 1.57 0.00	41.59 1.90 0.00	52.25 2.11 0.00	70.83 2.92 0.00	78.57 3.60 0.00	66.99 2.82 0.00	56.35 2.48 0.00	48.83 2.15 0.00	43.80 1.97 0.00
DANC__LFGE 323619	42.78 -0.52 0.00	39.93 -0.48 0.00	38.60 -0.51 0.00	38.50 -0.47 0.00	41.23 -0.38 0.00	46.88 -0.43 0.00	62.01 -0.37 0.00	73.77 -0.22 0.00	58.93 -0.48 0.00	44.02 -0.99 0.00	41.03 -0.96 0.00	38.15 -1.02 0.00	36.18 -0.97 0.00	34.87 -1.00 0.00	34.52 -0.92 0.00	35.59 -0.91 0.00	38.65 -1.03 0.00	49.19 -0.95 0.00	67.64 -0.27 0.00	74.90 -0.07 0.00	64.11 -0.06 0.00	53.50 -0.37 0.00	46.21 -0.47 0.00	41.25 -0.59 0.00
DANSKAMMER__1 23586	45.20 1.90 0.00	42.11 1.70 0.00	40.79 1.68 0.00	40.64 1.67 0.00	43.35 1.75 0.00	49.25 1.94 0.00	65.31 2.93 0.00	77.76 3.77 0.00	62.37 2.97 0.00	47.44 2.43 0.00	44.01 2.02 0.00	41.08 1.92 0.00	38.86 1.71 0.00	37.60 1.72 0.00	37.11 1.67 0.00	38.21 1.72 0.00	41.59 1.90 0.00	52.70 2.56 0.00	71.03 3.13 0.00	78.72 3.75 0.00	67.44 3.27 0.00	56.67 2.80 0.00	49.15 2.47 0.00	43.96 2.13 0.00
DANSKAMMER__2 23589	45.20 1.90 0.00	42.11 1.70 0.00	40.79 1.68 0.00	40.64 1.67 0.00	43.35 1.75 0.00	49.25 1.94 0.00	65.31 2.93 0.00	77.76 3.77 0.00	62.37 2.97 0.00	47.44 2.43 0.00	44.01 2.02 0.00	41.08 1.92 0.00	38.86 1.71 0.00	37.60 1.72 0.00	37.11 1.67 0.00	38.21 1.72 0.00	41.59 1.90 0.00	52.70 2.56 0.00	71.03 3.13 0.00	78.72 3.75 0.00	67.44 3.27 0.00	56.67 2.80 0.00	49.15 2.47 0.00	43.96 2.13 0.00
DANSKAMMER__3 23590	45.20 1.90 0.00	42.11 1.70 0.00	40.79 1.68 0.00	40.64 1.67 0.00	43.35 1.75 0.00	49.25 1.94 0.00	65.31 2.93 0.00	77.76 3.77 0.00	62.37 2.97 0.00	47.44 2.43 0.00	44.01 2.02 0.00	41.08 1.92 0.00	38.86 1.71 0.00	37.60 1.72 0.00	37.11 1.67 0.00	38.21 1.72 0.00	41.59 1.90 0.00	52.70 2.56 0.00	71.03 3.13 0.00	78.72 3.75 0.00	67.44 3.27 0.00	56.67 2.80 0.00	49.15 2.47 0.00	43.96 2.13 0.00

DANSKAMMER___4 23591	45.20 1.90 0.00	42.11 1.70 0.00	40.79 1.68 0.00	40.64 1.67 0.00	43.35 1.75 0.00	49.25 1.94 0.00	65.31 2.93 0.00	77.76 3.77 0.00	62.37 2.97 0.00	47.44 2.43 0.00	44.01 2.02 0.00	41.08 1.92 0.00	38.86 1.71 0.00	37.60 1.72 0.00	37.11 1.67 0.00	38.21 1.72 0.00	41.59 1.90 0.00	52.70 2.56 0.00	71.03 3.13 0.00	78.72 3.75 0.00	67.44 3.27 0.00	56.67 2.80 0.00	49.15 2.47 0.00	43.96 2.13 0.00
DANSKAMMER___DIESEL 23592	45.34 2.04 0.00	42.23 1.82 0.00	40.87 1.76 0.00	40.72 1.75 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.44 3.06 0.00	77.84 3.85 0.00	62.37 2.97 0.00	47.44 2.43 0.00	43.93 1.93 0.00	41.01 1.84 0.00	38.78 1.63 0.00	37.56 1.69 0.00	37.07 1.63 0.00	38.14 1.64 0.00	41.55 1.87 0.00	52.70 2.56 0.00	71.03 3.12 0.00	78.72 3.75 0.00	67.45 3.27 0.00	56.62 2.75 0.00	49.10 2.43 0.00	43.88 2.05 0.00
DARBY___SOLAR 323810	45.68 2.38 0.00	42.63 2.22 0.00	41.22 2.11 0.00	41.03 2.06 0.00	43.81 2.20 0.00	49.91 2.60 0.00	66.00 3.62 0.00	78.58 4.59 0.00	62.73 3.32 0.00	47.39 2.38 0.00	44.01 2.02 0.00	41.04 1.88 0.00	38.82 1.67 0.00	37.38 1.51 0.00	36.90 1.45 0.00	37.99 1.50 0.00	41.47 1.79 0.00	52.20 2.06 0.00	70.69 2.79 0.00	78.35 3.38 0.00	66.87 2.69 0.00	56.24 2.37 0.00	48.73 2.05 0.00	43.76 1.93 0.00
DASHVILLE___HYD 23610	45.08 1.78 0.00	41.99 1.58 0.00	40.63 1.53 0.00	40.48 1.52 0.00	43.23 1.62 0.00	49.15 1.85 0.00	65.00 2.62 0.00	77.17 3.18 0.00	61.84 2.44 0.00	46.99 1.98 0.00	43.55 1.55 0.00	40.65 1.49 0.00	38.45 1.30 0.00	37.24 1.36 0.00	36.79 1.35 0.00	37.81 1.31 0.00	41.19 1.51 0.00	52.20 2.06 0.00	70.35 2.44 0.00	77.97 3.00 0.00	66.87 2.70 0.00	56.19 2.32 0.00	48.73 2.05 0.00	43.59 1.76 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	47.69 3.90 -0.49	43.88 3.48 0.00	42.66 3.56 0.00	42.62 3.66 0.00	45.52 3.91 0.00	51.47 4.16 0.00	66.12 3.74 0.00	78.06 4.07 0.00	62.02 2.61 0.00	47.80 2.79 0.00	44.68 2.69 0.00	41.28 2.11 0.00	38.78 1.63 0.00	37.56 1.69 0.00	36.97 1.52 0.00	38.32 1.82 0.00	42.54 2.86 0.00	54.35 4.21 0.00	73.07 5.16 0.00	78.95 3.97 0.00	68.73 4.56 0.00	59.68 4.90 -0.91	51.02 4.34 0.00	46.01 4.18 0.00
DELAWARE___LFGE 323621	44.21 0.91 0.00	41.26 0.85 0.00	39.89 0.78 0.00	39.74 0.78 0.00	42.48 0.87 0.00	48.35 1.04 0.00	64.06 1.68 0.00	76.06 2.07 0.00	61.01 1.60 0.00	46.09 1.08 0.00	42.88 0.88 0.00	39.99 0.82 0.00	37.93 0.78 0.00	36.63 0.75 0.00	36.15 0.71 0.00	37.19 0.69 0.00	40.48 0.79 0.00	51.29 1.15 0.00	69.47 1.56 0.00	76.77 1.80 0.00	65.71 1.54 0.00	55.16 1.29 0.00	47.75 1.07 0.00	42.79 0.96 0.00
DERFIELD_115KV_TB7 355931	43.65 0.35 0.00	40.73 0.32 0.00	39.38 0.27 0.00	39.23 0.27 0.00	41.90 0.29 0.00	47.64 0.33 0.00	62.88 0.50 0.00	74.66 0.67 0.00	59.88 0.48 0.00	45.41 0.41 0.00	42.37 0.38 0.00	39.56 0.39 0.00	37.48 0.33 0.00	36.24 0.36 0.00	35.80 0.35 0.00	36.82 0.33 0.00	40.04 0.36 0.00	50.64 0.50 0.00	68.52 0.61 0.00	75.72 0.75 0.00	64.75 0.58 0.00	54.36 0.48 0.00	47.14 0.47 0.00	42.21 0.38 0.00
DOGLEVILLE___HYD 23807	44.21 0.91 0.00	41.10 0.69 0.00	39.65 0.55 0.00	39.35 0.39 0.00	41.94 0.33 0.00	47.64 0.33 0.00	62.82 0.44 0.00	74.73 0.74 0.00	60.00 0.59 0.00	45.51 0.50 0.00	42.54 0.54 0.00	39.83 0.67 0.00	37.82 0.67 0.00	36.60 0.72 0.00	36.22 0.78 0.00	37.34 0.84 0.00	40.55 0.87 0.00	51.34 1.20 0.00	69.67 1.76 0.00	77.00 2.03 0.00	65.91 1.73 0.00	55.27 1.40 0.00	47.94 1.26 0.00	42.92 1.09 0.00
DUNKIRK___115KV_TB_200 55889	40.05 -3.25 0.00	37.66 -2.75 0.00	36.49 -2.62 0.00	36.39 -2.57 0.00	39.15 -2.45 0.00	44.85 -2.46 0.00	59.95 -2.43 0.00	70.15 -3.85 0.00	57.21 -2.20 0.00	42.89 -2.12 0.00	40.15 -1.85 0.00	37.25 -1.92 0.00	35.51 -1.63 0.00	34.08 -1.79 0.00	33.67 -1.77 0.00	34.96 -1.53 0.00	37.98 -1.71 0.00	47.63 -2.51 0.00	64.78 -3.12 0.00	70.85 -4.12 0.00	60.90 -3.27 0.00	50.15 -3.72 0.00	43.46 -3.22 0.00	39.53 -2.30 0.00
DUNKIRK___1 23563	40.05 -3.25 0.00	37.66 -2.75 0.00	36.49 -2.62 0.00	36.39 -2.57 0.00	39.15 -2.45 0.00	44.85 -2.46 0.00	59.95 -2.43 0.00	70.15 -3.85 0.00	57.21 -2.20 0.00	42.89 -2.12 0.00	40.15 -1.85 0.00	37.25 -1.92 0.00	35.51 -1.63 0.00	34.08 -1.79 0.00	33.67 -1.77 0.00	34.96 -1.53 0.00	37.98 -1.71 0.00	47.63 -2.51 0.00	64.78 -3.12 0.00	70.85 -4.12 0.00	60.90 -3.27 0.00	50.15 -3.72 0.00	43.46 -3.22 0.00	39.53 -2.30 0.00
DUNKIRK___2 23564	40.05 -3.25 0.00	37.66 -2.75 0.00	36.49 -2.62 0.00	36.39 -2.57 0.00	39.15 -2.45 0.00	44.85 -2.46 0.00	59.95 -2.43 0.00	70.15 -3.85 0.00	57.21 -2.20 0.00	42.89 -2.12 0.00	40.15 -1.85 0.00	37.25 -1.92 0.00	35.51 -1.63 0.00	34.08 -1.79 0.00	33.67 -1.77 0.00	34.96 -1.53 0.00	37.98 -1.71 0.00	47.63 -2.51 0.00	64.78 -3.12 0.00	70.85 -4.12 0.00	60.90 -3.27 0.00	50.15 -3.72 0.00	43.46 -3.22 0.00	39.53 -2.30 0.00
DUNKIRK___3 23565	40.10 -3.20 0.00	37.66 -2.75 0.00	36.49 -2.62 0.00	36.39 -2.57 0.00	39.11 -2.50 0.00	44.75 -2.55 0.00	59.64 -2.74 0.00	69.78 -4.22 0.00	56.85 -2.55 0.00	42.62 -2.39 0.00	39.85 -2.14 0.00	36.97 -2.19 0.00	35.25 -1.89 0.00	33.87 -2.01 0.00	33.46 -1.98 0.00	34.74 -1.75 0.00	37.74 -1.94 0.00	47.33 -2.81 0.00	64.31 -3.60 0.00	70.32 -4.65 0.00	60.52 -3.66 0.00	49.99 -3.88 0.00	43.36 -3.31 0.00	39.45 -2.38 0.00
DUNKIRK___4 23566	40.10 -3.20 0.00	37.66 -2.75 0.00	36.49 -2.62 0.00	36.39 -2.57 0.00	39.11 -2.50 0.00	44.75 -2.55 0.00	59.64 -2.74 0.00	69.78 -4.22 0.00	56.85 -2.55 0.00	42.62 -2.39 0.00	39.85 -2.14 0.00	36.97 -2.19 0.00	35.25 -1.89 0.00	33.87 -2.01 0.00	33.46 -1.98 0.00	34.74 -1.75 0.00	37.74 -1.94 0.00	47.33 -2.81 0.00	64.31 -3.60 0.00	70.32 -4.65 0.00	60.52 -3.66 0.00	49.99 -3.88 0.00	43.36 -3.31 0.00	39.45 -2.38 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.21 1.91 0.00	42.11 1.70 0.00	40.71 1.60 0.00	40.56 1.60 0.00	43.35 1.75 0.00	49.34 2.03 0.00	65.13 2.74 0.00	77.47 3.48 0.00	62.20 2.79 0.00	47.58 2.57 0.00	44.18 2.18 0.00	41.24 2.08 0.00	39.04 1.89 0.00	37.85 1.97 0.00	37.32 1.88 0.00	38.43 1.93 0.00	41.79 2.10 0.00	52.85 2.71 0.00	70.83 2.92 0.00	78.50 3.52 0.00	67.19 3.02 0.00	56.51 2.64 0.00	48.96 2.29 0.00	43.84 2.01 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	44.95 1.65 0.00	41.86 1.45 0.00	40.51 1.41 0.00	40.36 1.40 0.00	43.10 1.50 0.00	49.06 1.75 0.00	64.88 2.50 0.00	77.10 3.11 0.00	61.84 2.44 0.00	47.08 2.07 0.00	43.63 1.64 0.00	40.73 1.57 0.00	38.52 1.37 0.00	37.35 1.47 0.00	36.86 1.42 0.00	37.92 1.42 0.00	41.27 1.59 0.00	52.30 2.16 0.00	70.42 2.51 0.00	78.05 3.07 0.00	66.87 2.70 0.00	56.13 2.26 0.00	48.68 2.01 0.00	43.55 1.72 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	45.69 2.38 -0.01	42.56 2.14 -0.01	41.07 1.96 -0.01	40.92 1.95 -0.01	43.77 2.16 0.00	49.53 2.22 0.00	65.13 2.74 0.00	77.47 3.48 0.00	62.25 2.85 0.00	47.85 2.84 0.00	44.43 2.44 0.00	41.51 2.35 0.01	39.26 2.12 0.01	38.11 2.22 -0.01	37.58 2.13 -0.01	38.65 2.15 0.00	41.98 2.30 0.00	52.95 2.81 0.00	70.63 2.72 0.00	78.35 3.37 0.00	67.00 2.82 0.00	56.40 2.53 0.00	49.15 2.47 0.00	44.22 2.38 0.00
E179THST_13_KV_LOAD 356214	45.86 2.55 -0.01	42.68 2.26 -0.01	41.19 2.07 -0.01	41.07 2.10 -0.01	43.94 2.33 0.00	49.72 2.41 0.00	65.37 2.99 0.00	77.77 3.77 0.00	62.55 3.15 0.00	48.03 3.02 0.00	44.64 2.65 0.00	41.66 2.51 0.01	39.41 2.27 0.01	38.25 2.37 -0.01	37.72 2.27 -0.01	38.80 2.30 0.00	42.14 2.46 0.00	53.20 3.06 0.00	70.96 3.06 0.00	78.72 3.75 0.00	67.32 3.14 0.00	56.67 2.80 0.00	49.38 2.71 0.00	44.38 2.55 0.00
EAST HAMPTON___GT 23717	47.39 3.59 -0.50	43.76 3.35 0.00	42.59 3.48 0.00	42.62 3.66 0.00	45.14 3.53 0.00	50.86 3.55 0.00	66.12 3.74 0.00	77.84 3.85 0.00	61.72 2.31 0.00	47.57 2.56 0.00	44.30 2.31 0.00	40.89 1.72 0.00	38.41 1.26 0.00	37.06 1.18 0.00	36.47 1.03 0.00	37.92 1.42 0.00	42.06 2.38 0.00	53.95 3.81 0.00	72.73 4.82 0.00	78.79 3.82 0.00	68.09 3.92 0.00	59.37 4.58 -0.92	50.93 4.25 -0.01	46.36 4.52 -0.01
EAST RIVER___6 23660	45.12 1.82 0.00	41.98 1.57 0.00	40.63 1.52 0.00	40.48 1.52 0.00	43.27 1.67 0.00	49.06 1.75 0.00	65.06 2.68 0.00	77.62 3.62 0.00	62.37 2.97 0.00	47.85 2.84 0.00	44.56 2.56 0.00	41.55 2.39 0.00	39.34 2.19 0.00	38.12 2.23 -0.01	37.57 2.13 0.00	38.69 2.19 0.00	41.98 2.30 0.00	53.05 2.91 0.00	70.97 3.06 0.00	78.65 3.67 0.00	67.38 3.21 0.00	56.72 2.85 0.00	49.24 2.57 0.00	44.09 2.26 0.00
EAST RIVER___7 23524	45.12 1.82 0.00	41.98 1.57 0.00	40.63 1.52 0.00	40.48 1.52 0.00	43.27 1.67 0.00	49.06 1.75 0.00	65.06 2.68 0.00	77.62 3.62 0.00	62.37 2.97 0.00	47.85 2.84 0.00	44.56 2.56 0.00	41.55 2.39 0.00	39.34 2.19 0.00	38.12 2.23 -0.01	37.57 2.13 0.00	38.69 2.19 0.00	41.98 2.30 0.00	53.05 2.91 0.00	70.97 3.06 0.00	78.65 3.67 0.00	67.38 3.21 0.00	56.72 2.85 0.00	49.24 2.57 0.00	44.09 2.26 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.16 1.86 0.00	42.07 1.66 0.00	40.67 1.56 0.00	40.52 1.56 0.00	43.31 1.71 0.00	49.30 1.99 0.00	65.06 2.68 0.00	77.40 3.40 0.00	62.08 2.67 0.00	47.49 2.48 0.00	44.10 2.10 0.00	41.16 2.00 0.00	38.97 1.82 0.00	37.74 1.87 0.00	37.25 1.81 0.00	38.32 1.82 0.00	41.71 2.02 0.00	52.75 2.61 0.00	70.76 2.85 0.00	78.35 3.37 0.00	67.06 2.89 0.00	56.40 2.53 0.00	48.92 2.24 0.00	43.80 1.97 0.00
EAST_HAMPTON___DIESEL 23722	47.35 3.55 -0.50	43.72 3.31 0.00	42.55 3.44 0.00	42.62 3.66 0.00	45.14 3.53 0.00	50.81 3.50 0.00	66.06 3.68 0.00	77.76 3.77 0.00	61.66 2.26 0.00	47.48 2.47 0.00	44.22 2.22 0.00	40.77 1.61 0.00	38.30 1.15 0.00	36.95 1.08 0.00	36.40 0.96 0.00	37.85 1.35 0.00	41.98 2.30 0.00	53.85 3.71 0.00	72.59 4.68 0.00	78.65 3.67 0.00	68.02 3.85 0.00	59.32 4.53 -0.92	50.89 4.20 -0.01	46.36 4.52 -0.01
EAST_POINT___SOLAR 323840	46.08 2.77 0.00	42.96 2.55 0.00	41.53 2.43 0.00	41.34 2.38 0.00	44.23 2.62 0.00	50.38 3.07 0.00	67.25 4.87 0.00	80.28 6.29 0.00	62.73 3.32 0.00	45.82 0.81 0.00	42.16 0.17 0.00	39.20 0.04 0.00	37.41 0.26 0.00	36.06 0.18 0.00	35.48 0.04 0.00	36.61 0.11 0.00	41.15 1.47 0.00	52.85 2.71 0.00	72.39 4.48 0.00	80.75 5.77 0.00	68.73 4.56 0.00	57.80 3.93 0.00	49.85 3.18 0.00	44.47 2.64 0.00
EAST_PULASKI___ESR 323781	42.35 -0.95 0.00	39.52 -0.89 0.00	38.25 -0.86 0.00	38.10 -0.86 0.00	40.77 -0.83 0.00	46.36 -0.95 0.00	61.13 -1.25 0.00	72.44 -1.56 0.00	58.10 -1.31 0.00	43.66 -1.35 0.00	40.74 -1.26 0.00	37.95 -1.21 0.00	36.00 -1.15 0.00	34.73 -1.15 0.00	34.34 -1.10 0.00	35.36 -1.13 0.00	38.33 -1.35 0.00	48.59 -1.55 0.00	66.41 -1.49 0.00	73.39 -1.58 0.00	62.89 -1.28 0.00	52.58 -1.29 0.00	45.51 -1.17 0.00	40.74 -1.09 0.00
EAST_RIVER___1 323558	45.16 1.86 0.00	42.03 1.62 0.00	40.67 1.57 0.00	40.52 1.56 0.00	43.31 1.71 0.00	49.11 1.80 0.00	65.12 2.74 0.00	77.69 3.70 0.00	62.43 3.03 0.00	47.85 2.84 0.00	44.56 2.56 0.00	41.59 2.43 0.00	39.38 2.23 0.00	38.12 2.23 -0.01	37.61 2.16 0.00	38.69 2.19 0.00	42.02 2.34 0.00	53.05 2.91 0.00	71.10 3.19 0.00	78.79 3.82 0.00	67.44 3.27 0.00	56.78 2.91 0.00	49.29 2.61 0.00	44.13 2.30 0.00
EAST_RIVER___2 323559	45.12 1.82 0.00	41.98 1.57 0.00	40.63 1.52 0.00	40.48 1.52 0.00	43.27 1.67 0.00	49.06 1.75 0.00	65.06 2.68 0.00	77.62 3.62 0.00	62.37 2.97 0.00	47.85 2.84 0.00	44.56 2.56 0.00	41.55 2.39 0.00	39.34 2.19 0.00	38.12 2.23 -0.01	37.57 2.13 0.00	38.69 2.19 0.00	41.98 2.30 0.00	53.05 2.91 0.00	70.97 3.06 0.00	78.65 3.67 0.00	67.38 3.21 0.00	56.72 2.85 0.00	49.24 2.57 0.00	44.09 2.26 0.00
EAST___DELAWARE_HYD 23607	45.08 1.78 0.00	41.98 1.57 0.00	40.63 1.52 0.00	40.48 1.52 0.00	43.23 1.62 0.00	49.11 1.80 0.00	65.25 2.87 0.00	77.62 3.62 0.00	62.20 2.79 0.00	47.17 2.16 0.00	43.76 1.76 0.00	40.81 1.64 0.00	38.60 1.45 0.00	37.31 1.44 0.00	36.86 1.42 0.00	37.96 1.46 0.00	41.35 1.67 0.00	52.45 2.31 0.00	70.97 3.06 0.00	78.72 3.75 0.00	67.44 3.27 0.00	56.56 2.69 0.00	49.01 2.33 0.00	43.80 1.97 0.00
EIGHT_POINT___WT_PWR 323820	39.80 -3.51 0.00	36.81 -3.60 0.00	35.78 -3.32 0.00	35.81 -3.15 0.00	38.65 -2.95 0.00	44.42 -2.89 0.00	59.26 -3.12 0.00	70.14 -3.85 0.00	56.55 -2.85 0.00	42.18 -2.83 0.00	39.60 -2.39 0.00	36.82 -2.35 0.00	35.03 -2.12 0.00	33.83 -2.04 0.00	33.46 -1.98 0.00	34.52 -1.97 0.00	37.66 -2.02 0.00	47.84 -2.31 0.00	66.01 -1.90 0.00	72.80 -2.18 0.00	62.25 -1.92 0.00	51.71 -2.16 0.00	44.58 -2.10 0.00	39.99 -1.84 0.00
ELBRIDGE_115KV_TB2 80188	42.13 -1.17 0.00	39.32 -1.09 0.00	38.09 -1.02 0.00	37.99 -0.97 0.00	40.65 -0.96 0.00	46.17 -1.14 0.00	60.95 -1.43 0.00	72.22 -1.78 0.00	58.10 -1.31 0.00	43.79 -1.22 0.00	40.95 -1.05 0.00	38.15 -1.02 0.00	36.22 -0.93 0.00	34.91 -0.97 0.00	34.49 -0.96 0.00	35.58 -0.91 0.00	38.53 -1.15 0.00	48.64 -1.50 0.00	66.14 -1.77 0.00	72.95 -2.02 0.00	62.44 -1.73 0.00	52.36 -1.51 0.00	45.32 -1.35 0.00	40.70 -1.13 0.00
ELEC_TRO_TEK 24086	46.30 2.51 -0.49	42.55 2.14 0.00	41.14 2.03 0.00	41.03 2.06 0.00	43.81 2.21 0.00	49.86 2.55 0.00	65.31 2.93 0.00	77.62 3.63 0.00	62.25 2.85 0.00	47.80 2.79 0.00	44.47 2.48 0.00	41.36 2.19 0.00	39.04 1.89 0.00	37.85 1.97 0.00	37.36 1.91 0.00	38.54 2.04 0.00	42.14 2.46 0.00	53.40 3.26 0.00	71.37 3.46 0.00	78.57 3.60 0.00	67.57 3.40 0.00	58.12 3.34 -0.91	49.57 2.89 0.00	44.38 2.55 0.00

ELLENBURG_WT_PWR 323604	43.82 0.52 0.00	40.85 0.45 0.00	39.50 0.39 0.00	39.27 0.31 0.00	41.86 0.25 0.00	47.64 0.33 0.00	62.76 0.38 0.00	74.58 0.59 0.00	59.82 0.42 0.00	45.19 0.18 0.00	42.04 0.04 0.00	39.05 -0.12 0.00	37.00 -0.15 0.00	35.70 -0.18 0.00	35.37 -0.07 0.00	36.53 0.04 0.00	40.00 0.32 0.00	50.79 0.65 0.00	69.47 1.56 0.00	76.55 1.58 0.00	65.65 1.48 0.00	54.84 0.97 0.00	47.28 0.61 0.00	42.08 0.25 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.01 -3.29 0.00	37.54 -2.87 0.00	36.41 -2.70 0.00	36.27 -2.69 0.00	38.94 -2.66 0.00	44.42 -2.89 0.00	58.51 -3.87 0.00	68.30 -5.70 0.00	55.66 -3.74 0.00	41.63 -3.38 0.00	39.01 -2.98 0.00	36.19 -2.98 0.00	34.51 -2.64 0.00	33.15 -2.73 0.00	32.75 -2.69 0.00	34.05 -2.45 0.00	36.98 -2.70 0.00	46.18 -3.96 0.00	62.82 -5.09 0.00	68.67 -6.30 0.00	59.23 -4.94 0.00	49.08 -4.79 0.00	42.85 -3.83 0.00	39.11 -2.72 0.00
EMPIRE_CC_1 323656	44.73 1.43 0.00	41.70 1.29 0.00	40.39 1.29 0.00	40.21 1.25 0.00	42.94 1.33 0.00	48.59 1.28 0.00	64.00 1.62 0.00	75.91 1.92 0.00	60.89 1.49 0.00	46.45 1.44 0.00	43.55 1.55 0.00	40.65 1.49 0.00	38.56 1.41 0.00	37.21 1.33 0.00	36.72 1.27 0.00	37.77 1.28 0.00	41.11 1.43 0.00	51.70 1.56 0.00	69.47 1.56 0.00	76.55 1.58 0.00	65.58 1.41 0.00	55.38 1.51 0.00	48.08 1.40 0.00	43.38 1.55 0.00
EMPIRE_CC_2 323658	44.73 1.43 0.00	41.70 1.29 0.00	40.39 1.29 0.00	40.21 1.25 0.00	42.94 1.33 0.00	48.59 1.28 0.00	64.00 1.62 0.00	75.91 1.92 0.00	60.89 1.49 0.00	46.45 1.44 0.00	43.55 1.55 0.00	40.65 1.49 0.00	38.56 1.41 0.00	37.21 1.33 0.00	36.72 1.27 0.00	37.77 1.28 0.00	41.11 1.43 0.00	51.70 1.56 0.00	69.47 1.56 0.00	76.55 1.58 0.00	65.58 1.41 0.00	55.38 1.51 0.00	48.08 1.40 0.00	43.38 1.55 0.00
ENORWICH_115KV_TB1 80156	45.25 1.95 0.00	42.19 1.78 0.00	40.67 1.56 0.00	40.52 1.56 0.00	43.48 1.87 0.00	49.63 2.32 0.00	66.37 3.99 0.00	78.95 4.96 0.00	63.03 3.62 0.00	46.68 1.67 0.00	43.13 1.13 0.00	39.91 0.74 0.00	37.89 0.74 0.00	36.49 0.61 0.00	36.12 0.67 0.00	37.37 0.88 0.00	40.87 1.19 0.00	52.45 2.31 0.00	72.73 4.82 0.00	80.60 5.62 0.00	68.86 4.68 0.00	57.26 3.39 0.00	49.24 2.57 0.00	43.97 2.13 0.00
ERIE_ST__34_KV_TB1-2 80199	40.40 -2.90 0.00	37.94 -2.46 0.00	36.76 -2.35 0.00	36.62 -2.34 0.00	39.32 -2.29 0.00	44.94 -2.37 0.00	59.45 -2.93 0.00	69.41 -4.59 0.00	56.49 -2.91 0.00	42.26 -2.75 0.00	39.52 -2.48 0.00	36.70 -2.47 0.00	34.99 -2.15 0.00	33.58 -2.30 0.00	33.21 -2.23 0.00	34.53 -1.97 0.00	37.54 -2.14 0.00	47.03 -3.11 0.00	63.97 -3.94 0.00	69.95 -5.02 0.00	60.32 -3.85 0.00	49.94 -3.93 0.00	43.50 -3.17 0.00	39.57 -2.26 0.00
ERIE_WT_PWR 323693	40.01 -3.29 0.00	37.78 -2.63 0.00	36.60 -2.50 0.00	36.51 -2.45 0.00	39.11 -2.50 0.00	44.80 -2.51 0.00	59.45 -2.93 0.00	68.81 -5.18 0.00	56.02 -3.38 0.00	41.86 -3.15 0.00	39.18 -2.81 0.00	36.38 -2.78 0.00	34.51 -2.64 0.00	33.33 -2.55 0.00	32.93 -2.52 0.00	34.09 -2.41 0.00	37.10 -2.58 0.00	46.58 -3.56 0.00	63.29 -4.62 0.00	69.27 -5.70 0.00	59.62 -4.55 0.00	49.45 -4.42 0.00	43.18 -3.50 0.00	39.36 -2.47 0.00
ESPRGFLD_115KV_TB1 80157	44.73 1.43 0.00	41.70 1.29 0.00	40.32 1.21 0.00	40.13 1.17 0.00	42.98 1.37 0.00	48.87 1.56 0.00	65.06 2.68 0.00	77.54 3.55 0.00	61.66 2.26 0.00	46.05 1.04 0.00	42.71 0.71 0.00	39.71 0.55 0.00	37.71 0.56 0.00	36.38 0.50 0.00	35.90 0.46 0.00	37.01 0.51 0.00	40.48 0.79 0.00	51.65 1.50 0.00	70.56 2.65 0.00	78.27 3.30 0.00	66.80 2.63 0.00	56.13 2.26 0.00	48.45 1.77 0.00	43.30 1.46 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	43.22 -0.09 0.00	40.33 -0.08 0.00	39.03 -0.08 0.00	38.88 -0.08 0.00	41.65 0.04 0.00	47.40 0.09 0.00	62.82 0.44 0.00	74.51 0.52 0.00	59.82 0.42 0.00	44.87 -0.14 0.00	41.70 -0.29 0.00	38.77 -0.39 0.00	36.78 -0.37 0.00	35.45 -0.43 0.00	35.05 -0.39 0.00	36.17 -0.33 0.00	39.36 -0.32 0.00	49.94 -0.20 0.00	68.25 0.34 0.00	75.42 0.45 0.00	64.56 0.39 0.00	54.03 0.16 0.00	46.63 -0.05 0.00	41.83 0.00 0.00
ETNA____115KV_TB2 80207	43.22 -0.09 0.00	40.33 -0.08 0.00	39.03 -0.08 0.00	38.88 -0.08 0.00	41.65 0.04 0.00	47.40 0.09 0.00	62.82 0.44 0.00	74.51 0.52 0.00	59.82 0.42 0.00	44.87 -0.14 0.00	41.70 -0.29 0.00	38.77 -0.39 0.00	36.78 -0.37 0.00	35.45 -0.43 0.00	35.05 -0.39 0.00	36.17 -0.33 0.00	39.36 -0.32 0.00	49.94 -0.20 0.00	68.25 0.34 0.00	75.42 0.45 0.00	64.56 0.39 0.00	54.03 0.16 0.00	46.63 -0.05 0.00	41.83 0.00 0.00
EUCLID____115KV_TB2 356179	41.87 -1.43 0.00	39.12 -1.29 0.00	37.89 -1.21 0.00	37.75 -1.21 0.00	40.36 -1.25 0.00	45.89 -1.42 0.00	60.51 -1.87 0.00	71.63 -2.37 0.00	57.68 -1.72 0.00	43.52 -1.49 0.00	40.78 -1.22 0.00	37.95 -1.21 0.00	36.03 -1.11 0.00	34.77 -1.11 0.00	34.35 -1.10 0.00	35.40 -1.09 0.00	38.33 -1.35 0.00	48.34 -1.81 0.00	65.67 -2.24 0.00	72.50 -2.47 0.00	62.06 -2.12 0.00	51.99 -1.89 0.00	45.00 -1.68 0.00	40.45 -1.38 0.00
E_CANADA_CAP_HY 24051	45.34 2.04 0.00	42.31 1.90 0.00	40.91 1.80 0.00	40.67 1.71 0.00	43.52 1.91 0.00	49.44 2.13 0.00	65.81 3.43 0.00	78.58 4.59 0.00	62.08 2.68 0.00	46.09 1.08 0.00	42.79 0.80 0.00	39.79 0.62 0.00	37.78 0.63 0.00	36.45 0.57 0.00	35.94 0.50 0.00	37.04 0.55 0.00	40.67 0.99 0.00	52.00 1.86 0.00	71.17 3.26 0.00	79.24 4.27 0.00	67.51 3.33 0.00	56.94 3.07 0.00	49.15 2.47 0.00	43.88 2.05 0.00
E_CANADA_MHWK_HY 24050	44.21 0.91 0.00	41.10 0.69 0.00	39.65 0.55 0.00	39.35 0.39 0.00	41.94 0.33 0.00	47.64 0.33 0.00	62.82 0.44 0.00	74.73 0.74 0.00	60.00 0.59 0.00	45.51 0.50 0.00	42.54 0.54 0.00	39.83 0.67 0.00	37.82 0.67 0.00	36.60 0.72 0.00	36.22 0.78 0.00	37.34 0.84 0.00	40.55 0.87 0.00	51.34 1.20 0.00	69.67 1.76 0.00	77.00 2.03 0.00	65.91 1.73 0.00	55.27 1.40 0.00	47.94 1.26 0.00	42.92 1.09 0.00
E_FISHKILL____LBMP 23776	44.95 1.65 0.00	41.90 1.50 0.00	40.51 1.41 0.00	40.36 1.40 0.00	43.10 1.50 0.00	49.06 1.75 0.00	64.75 2.37 0.00	76.88 2.89 0.00	61.72 2.32 0.00	47.13 2.12 0.00	43.84 1.85 0.00	40.93 1.76 0.00	38.75 1.60 0.00	37.53 1.65 0.00	37.04 1.59 0.00	38.10 1.61 0.00	41.43 1.75 0.00	52.40 2.26 0.00	70.35 2.44 0.00	77.82 2.85 0.00	66.61 2.44 0.00	56.08 2.21 0.00	48.64 1.96 0.00	43.59 1.76 0.00
FALCON____SEABRD_CC1 323796	44.69 1.39 0.00	41.66 1.25 0.00	40.24 1.13 0.00	40.01 1.05 0.00	42.60 1.00 0.00	48.54 1.23 0.00	64.00 1.62 0.00	75.99 2.00 0.00	60.95 1.54 0.00	45.96 0.95 0.00	42.63 0.63 0.00	39.48 0.31 0.00	37.41 0.26 0.00	36.06 0.18 0.00	35.76 0.32 0.00	37.08 0.58 0.00	40.71 1.03 0.00	51.85 1.71 0.00	71.24 3.33 0.00	78.42 3.45 0.00	67.32 3.14 0.00	56.13 2.26 0.00	48.22 1.54 0.00	42.79 0.96 0.00

FALCON___SEABRD_CC2 323797	44.69 1.39 0.00	41.66 1.25 0.00	40.24 1.13 0.00	40.01 1.05 0.00	42.60 1.00 0.00	48.54 1.23 0.00	64.00 1.62 0.00	75.99 2.00 0.00	60.95 1.54 0.00	45.96 0.95 0.00	42.63 0.63 0.00	39.48 0.31 0.00	37.41 0.26 0.00	36.06 0.18 0.00	35.76 0.32 0.00	37.08 0.58 0.00	40.71 1.03 0.00	51.85 1.71 0.00	71.24 3.33 0.00	78.42 3.45 0.00	67.32 3.14 0.00	56.13 2.26 0.00	48.22 1.54 0.00	42.79 0.96 0.00
FAR ROCKAWAY___4 23548	46.78 2.99 -0.49	42.95 2.55 0.00	41.57 2.46 0.00	41.42 2.45 0.00	44.27 2.66 0.00	50.43 3.12 0.00	66.06 3.68 0.00	78.58 4.59 0.00	62.97 3.56 0.00	48.25 3.24 0.00	44.89 2.90 0.00	41.71 2.55 0.00	39.38 2.23 0.00	38.14 2.26 0.00	37.64 2.20 0.00	38.87 2.37 0.00	42.54 2.86 0.00	53.95 3.81 0.00	72.19 4.28 0.00	79.47 4.50 0.00	68.41 4.24 0.00	58.77 3.99 -0.91	50.13 3.45 0.00	44.80 2.97 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.34 2.04 0.00	42.23 1.82 0.00	40.79 1.68 0.00	40.68 1.71 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.37 2.99 0.00	77.84 3.85 0.00	62.49 3.09 0.00	47.89 2.88 0.00	44.47 2.48 0.00	41.51 2.35 0.00	39.30 2.15 0.00	38.12 2.22 -0.01	37.57 2.13 0.00	38.69 2.19 0.00	42.02 2.34 0.00	53.10 2.96 0.00	71.10 3.19 0.00	78.80 3.82 0.00	67.38 3.21 0.00	56.67 2.80 0.00	49.15 2.47 0.00	44.01 2.18 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.34 2.04 0.00	42.23 1.82 0.00	40.83 1.72 0.00	40.68 1.71 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.37 2.99 0.00	77.84 3.85 0.00	62.49 3.09 0.00	47.89 2.88 0.00	44.47 2.48 0.00	41.51 2.35 0.00	39.30 2.15 0.00	38.12 2.22 -0.01	37.57 2.13 0.00	38.69 2.19 0.00	42.02 2.34 0.00	53.10 2.96 0.00	71.10 3.19 0.00	78.80 3.82 0.00	67.45 3.27 0.00	56.67 2.80 0.00	49.15 2.47 0.00	44.01 2.18 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.34 2.04 0.00	42.23 1.82 0.00	40.79 1.68 0.00	40.64 1.68 0.00	43.48 1.87 0.00	49.44 2.13 0.00	65.37 2.99 0.00	77.77 3.77 0.00	62.49 3.09 0.00	47.89 2.88 0.00	44.47 2.48 0.00	41.48 2.31 0.00	39.27 2.12 0.00	38.12 2.22 -0.01	37.53 2.09 0.00	38.65 2.15 0.00	41.98 2.30 0.00	53.05 2.91 0.00	71.03 3.12 0.00	78.80 3.82 0.00	67.38 3.21 0.00	56.67 2.80 0.00	49.15 2.47 0.00	44.01 2.18 0.00
FARRAGUT___LBMP 323566	45.29 1.99 0.00	42.19 1.78 0.00	40.75 1.64 0.00	40.64 1.68 0.00	43.44 1.83 0.00	49.44 2.13 0.00	65.31 2.93 0.00	77.69 3.70 0.00	62.43 3.03 0.00	47.85 2.84 0.00	44.43 2.44 0.00	41.44 2.27 0.00	39.27 2.12 0.00	38.08 2.19 -0.01	37.50 2.06 0.00	38.61 2.12 0.00	41.94 2.26 0.00	53.00 2.86 0.00	70.96 3.06 0.00	78.72 3.75 0.00	67.32 3.14 0.00	56.62 2.75 0.00	49.10 2.43 0.00	43.97 2.13 0.00
FENNER___WINDPWR 24204	43.61 0.31 0.00	40.69 0.28 0.00	39.38 0.28 0.00	39.24 0.27 0.00	41.98 0.37 0.00	47.83 0.52 0.00	63.32 0.94 0.00	75.10 1.11 0.00	60.23 0.83 0.00	45.28 0.27 0.00	42.16 0.17 0.00	39.24 0.08 0.00	37.22 0.07 0.00	35.91 0.04 0.00	35.51 0.07 0.00	36.61 0.11 0.00	39.80 0.12 0.00	50.54 0.40 0.00	68.93 1.02 0.00	76.25 1.27 0.00	65.20 1.02 0.00	54.52 0.65 0.00	47.14 0.47 0.00	42.21 0.38 0.00
FIBERTEK___ENERGY 23856	42.35 -0.95 0.00	39.52 -0.89 0.00	38.28 -0.82 0.00	38.18 -0.78 0.00	40.86 -0.75 0.00	46.41 -0.90 0.00	61.26 -1.12 0.00	72.59 -1.41 0.00	58.45 -0.95 0.00	44.06 -0.95 0.00	41.20 -0.80 0.00	38.34 -0.82 0.00	36.41 -0.74 0.00	35.12 -0.75 0.00	34.70 -0.74 0.00	35.77 -0.73 0.00	38.73 -0.95 0.00	48.89 -1.25 0.00	66.55 -1.36 0.00	73.47 -1.50 0.00	62.83 -1.35 0.00	52.69 -1.19 0.00	45.56 -1.12 0.00	40.87 -0.96 0.00
FITZPATRICK____ 23598	41.57 -1.73 0.00	38.83 -1.58 0.00	37.62 -1.49 0.00	37.48 -1.48 0.00	40.07 -1.54 0.00	45.56 -1.75 0.00	59.88 -2.50 0.00	70.81 -3.18 0.00	56.91 -2.49 0.00	43.03 -1.98 0.00	40.23 -1.76 0.00	37.48 -1.68 0.00	35.59 -1.56 0.00	34.37 -1.51 0.00	33.96 -1.49 0.00	35.00 -1.50 0.00	37.94 -1.75 0.00	47.84 -2.31 0.00	64.92 -2.99 0.00	71.68 -3.30 0.00	61.29 -2.89 0.00	51.39 -2.48 0.00	44.58 -2.10 0.00	39.99 -1.84 0.00
FLOWRFLD_69_KV_BK1 356044	47.17 3.38 -0.49	43.24 2.83 0.00	41.88 2.78 0.00	41.81 2.84 0.00	44.60 3.00 0.00	50.57 3.26 0.00	65.44 3.06 0.00	77.62 3.63 0.00	62.08 2.67 0.00	47.85 2.84 0.00	44.73 2.73 0.00	41.51 2.35 0.00	39.12 1.97 0.00	37.92 2.05 0.00	37.39 1.95 0.00	38.69 2.19 0.00	42.70 3.02 0.00	54.25 4.11 0.00	72.39 4.48 0.00	78.80 3.82 0.00	68.22 4.04 0.00	59.04 4.26 -0.91	50.41 3.73 0.00	45.22 3.39 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	45.42 2.12 0.00	42.31 1.90 0.00	40.94 1.84 0.00	40.79 1.83 0.00	43.56 1.96 0.00	49.58 2.27 0.00	65.62 3.24 0.00	77.99 4.00 0.00	62.49 3.09 0.00	47.53 2.52 0.00	44.01 2.02 0.00	41.04 1.88 0.00	38.82 1.67 0.00	37.60 1.72 0.00	37.15 1.70 0.00	38.21 1.72 0.00	41.63 1.94 0.00	52.80 2.66 0.00	71.10 3.19 0.00	78.87 3.90 0.00	67.57 3.40 0.00	56.73 2.86 0.00	49.15 2.47 0.00	43.97 2.13 0.00
FORT ORANGE____ 23900	45.12 1.82 0.00	42.07 1.66 0.00	40.71 1.60 0.00	40.56 1.60 0.00	43.31 1.71 0.00	49.20 1.89 0.00	65.06 2.68 0.00	77.25 3.25 0.00	61.78 2.38 0.00	46.81 1.80 0.00	43.63 1.64 0.00	40.73 1.57 0.00	38.56 1.41 0.00	37.24 1.36 0.00	36.76 1.31 0.00	37.81 1.31 0.00	41.19 1.51 0.00	52.15 2.01 0.00	70.49 2.58 0.00	78.05 3.08 0.00	66.74 2.57 0.00	56.13 2.26 0.00	48.68 2.01 0.00	43.67 1.84 0.00
FORT_DRUM_COGEN 23780	43.39 0.09 0.00	40.45 0.04 0.00	39.07 -0.04 0.00	38.96 0.00 0.00	41.73 0.12 0.00	47.55 0.24 0.00	63.19 0.81 0.00	75.62 1.63 0.00	60.12 0.71 0.00	44.69 -0.32 0.00	41.53 -0.46 0.00	38.58 -0.59 0.00	36.55 -0.59 0.00	35.16 -0.72 0.00	34.88 -0.57 0.00	35.99 -0.51 0.00	39.17 -0.52 0.00	50.04 -0.10 0.00	69.33 1.43 0.00	76.92 1.95 0.00	65.78 1.60 0.00	54.73 0.86 0.00	47.10 0.42 0.00	41.92 0.08 0.00
FOX_HILLS___ESR 323835	58.37 2.51 -12.56	57.60 2.26 -14.93	57.52 2.15 -16.26	57.52 2.14 -16.41	57.57 2.33 -13.64	57.80 2.55 -7.93	65.50 3.12 0.00	78.06 4.07 0.00	63.70 3.45 -0.85	63.15 3.24 -14.90	61.12 2.81 -16.31	61.07 2.66 -19.24	58.96 2.38 -19.43	61.49 2.48 -23.14	61.49 2.41 -23.64	58.65 2.45 -19.71	60.50 2.70 -18.12	111.15 3.31 -57.70	71.02 3.06 -0.06	110.86 3.82 -32.07	70.19 3.27 -2.75	62.65 3.07 -5.71	62.63 2.80 -13.15	59.93 2.59 -15.50
FPL FAR_ROCK_GT1 24212	46.66 2.86 -0.50	42.83 2.42 0.00	41.41 2.31 0.00	41.30 2.34 0.00	44.02 2.41 0.00	50.00 2.70 0.00	65.81 3.43 0.00	78.36 4.36 0.00	62.85 3.44 0.00	48.25 3.24 0.00	44.98 2.98 0.00	41.79 2.62 0.00	39.49 2.34 0.00	38.14 2.26 0.00	37.68 2.23 0.00	38.94 2.45 0.00	42.54 2.86 0.00	53.95 3.81 0.00	72.12 4.21 0.00	79.47 4.50 0.00	68.34 4.17 0.00	58.72 3.93 -0.92	50.09 3.41 -0.01	44.94 3.10 -0.01

FPL FAR_ROCK_GT2 23815	46.66 2.86 -0.50	42.83 2.42 0.00	41.41 2.31 0.00	41.30 2.34 0.00	44.02 2.41 0.00	50.00 2.70 0.00	65.81 3.43 0.00	78.36 4.36 0.00	62.85 3.44 0.00	48.25 3.24 0.00	44.98 2.98 0.00	41.79 2.62 0.00	39.49 2.34 0.00	38.14 2.26 0.00	37.68 2.23 0.00	38.94 2.45 0.00	42.54 2.86 0.00	53.95 3.81 0.00	72.12 4.21 0.00	79.47 4.50 0.00	68.34 4.17 0.00	58.72 3.93 -0.92	50.09 3.41 -0.01	44.94 3.10 -0.01
FRANKLIN_FALL_HYD 24054	44.25 0.95 0.00	41.30 0.89 0.00	39.89 0.78 0.00	39.74 0.78 0.00	42.27 0.67 0.00	48.25 0.95 0.00	63.57 1.19 0.00	75.77 1.78 0.00	60.59 1.19 0.00	45.69 0.68 0.00	42.37 0.38 0.00	39.32 0.16 0.00	37.30 0.15 0.00	35.99 0.11 0.00	35.66 0.21 0.00	36.82 0.33 0.00	40.32 0.63 0.00	51.09 0.95 0.00	70.22 2.31 0.00	77.30 2.32 0.00	66.36 2.18 0.00	55.38 1.51 0.00	47.75 1.07 0.00	42.46 0.63 0.00
FREEPORT_EQUS_GT1 23764	46.44 2.64 -0.50	42.63 2.22 0.00	41.22 2.11 0.00	41.10 2.14 0.00	43.81 2.20 0.00	49.72 2.41 0.00	65.37 2.99 0.00	77.76 3.77 0.00	62.31 2.91 0.00	47.93 2.92 0.00	44.77 2.77 0.00	41.59 2.43 0.00	39.27 2.12 0.00	37.96 2.08 0.00	37.50 2.05 0.00	38.76 2.26 0.00	42.38 2.70 0.00	53.75 3.61 0.00	71.78 3.87 0.00	78.94 3.97 0.00	67.96 3.79 0.00	58.46 3.67 -0.92	49.90 3.22 -0.01	44.77 2.93 -0.01
FREEPORT___CT2 23818	46.44 2.64 -0.50	42.63 2.22 0.00	41.22 2.11 0.00	41.10 2.14 0.00	43.81 2.20 0.00	49.72 2.41 0.00	65.37 2.99 0.00	77.76 3.77 0.00	62.31 2.91 0.00	47.93 2.92 0.00	44.77 2.77 0.00	41.59 2.43 0.00	39.27 2.12 0.00	37.96 2.08 0.00	37.50 2.05 0.00	38.76 2.26 0.00	42.38 2.70 0.00	53.75 3.61 0.00	71.78 3.87 0.00	78.94 3.97 0.00	67.96 3.79 0.00	58.46 3.67 -0.92	49.90 3.22 -0.01	44.77 2.93 -0.01
FRESHKLS_33_KV_LOAD 356253	58.33 2.47 -12.56	57.60 2.26 -14.93	57.52 2.15 -16.26	57.52 2.14 -16.41	57.57 2.33 -13.64	57.80 2.55 -7.93	65.31 2.93 0.00	77.83 3.85 0.01	63.52 3.27 -0.85	63.02 3.11 -14.90	61.03 2.73 -16.31	60.99 2.58 -19.24	58.85 2.27 -19.43	60.89 2.37 -22.64	61.42 2.34 -23.64	58.58 2.37 -19.71	60.46 2.66 -18.12	63.28 3.21 -9.93	70.81 2.85 -0.05	110.71 3.67 -32.07	70.07 3.14 -2.75	62.55 2.96 -5.71	62.58 2.75 -13.15	59.88 2.55 -15.50
FULTON COGEN____ 23766	41.74 -1.56 0.00	38.95 -1.45 0.00	37.74 -1.37 0.00	37.64 -1.32 0.00	40.23 -1.37 0.00	45.70 -1.61 0.00	60.26 -2.12 0.00	71.40 -2.59 0.00	57.50 -1.90 0.00	43.34 -1.67 0.00	40.57 -1.43 0.00	37.79 -1.37 0.00	35.89 -1.26 0.00	34.59 -1.29 0.00	34.17 -1.28 0.00	35.22 -1.28 0.00	38.13 -1.55 0.00	48.09 -2.06 0.00	65.40 -2.51 0.00	72.20 -2.77 0.00	61.80 -2.37 0.00	51.82 -2.05 0.00	44.81 -1.87 0.00	40.24 -1.59 0.00
FULTON___LFGE 323630	45.77 2.47 0.00	42.67 2.26 0.00	41.29 2.19 0.00	41.06 2.10 0.00	43.93 2.33 0.00	50.00 2.70 0.00	66.56 4.18 0.00	79.47 5.48 0.00	62.85 3.44 0.00	46.72 1.71 0.00	43.30 1.30 0.00	40.26 1.10 0.00	38.19 1.04 0.00	36.85 0.97 0.00	36.36 0.92 0.00	37.44 0.95 0.00	41.15 1.47 0.00	52.55 2.41 0.00	71.85 3.94 0.00	80.00 5.02 0.00	68.15 3.98 0.00	57.32 3.45 0.00	49.48 2.80 0.00	44.17 2.34 0.00
G.F.CEMENT___DRP 24184	46.25 2.94 0.00	43.12 2.71 0.00	41.69 2.58 0.00	41.46 2.49 0.00	44.35 2.75 0.00	49.63 2.32 0.00	65.75 3.37 0.00	78.43 4.44 0.00	62.37 2.97 0.00	47.04 2.03 0.00	43.51 1.51 0.00	40.57 1.41 0.00	38.34 1.19 0.00	36.95 1.08 0.00	36.47 1.03 0.00	37.52 1.02 0.00	41.03 1.35 0.00	52.15 2.01 0.00	70.90 2.99 0.00	78.80 3.82 0.00	67.06 2.89 0.00	56.40 2.53 0.00	49.76 3.08 0.00	44.63 2.80 0.00
GARDENVILLE___LBMP 24039	40.05 -3.25 0.00	37.62 -2.79 0.00	36.45 -2.66 0.00	36.35 -2.61 0.00	39.03 -2.58 0.00	44.56 -2.74 0.00	58.76 -3.62 0.00	68.59 -5.40 0.00	55.90 -3.50 0.00	41.81 -3.20 0.00	39.14 -2.86 0.00	36.34 -2.82 0.00	34.66 -2.49 0.00	33.26 -2.62 0.00	32.89 -2.55 0.00	34.16 -2.34 0.00	37.14 -2.54 0.00	46.43 -3.71 0.00	63.09 -4.82 0.00	69.05 -5.92 0.00	59.55 -4.62 0.00	49.29 -4.58 0.00	43.04 -3.64 0.00	39.20 -2.64 0.00
GARDNVLA_35_KV_LD 355827	40.31 -2.99 0.00	37.86 -2.55 0.00	36.68 -2.42 0.00	36.55 -2.42 0.00	39.23 -2.37 0.00	44.80 -2.51 0.00	59.14 -3.24 0.00	69.04 -4.96 0.00	56.26 -3.15 0.00	42.04 -2.97 0.00	39.39 -2.60 0.00	36.58 -2.58 0.00	34.88 -2.27 0.00	33.47 -2.40 0.00	33.10 -2.34 0.00	34.42 -2.08 0.00	37.42 -2.26 0.00	46.73 -3.41 0.00	63.56 -4.35 0.00	69.50 -5.47 0.00	59.94 -4.24 0.00	49.67 -4.20 0.00	43.32 -3.36 0.00	39.49 -2.34 0.00
GELCKHM___115KV_LOAD 80723	42.05 -1.26 0.00	39.24 -1.17 0.00	38.01 -1.09 0.00	37.91 -1.05 0.00	40.52 -1.08 0.00	46.08 -1.23 0.00	60.76 -1.62 0.00	72.00 -2.00 0.00	57.98 -1.43 0.00	43.70 -1.31 0.00	40.95 -1.05 0.00	38.11 -1.06 0.00	36.18 -0.97 0.00	34.91 -0.97 0.00	34.49 -0.96 0.00	35.55 -0.95 0.00	38.49 -1.19 0.00	48.59 -1.55 0.00	66.01 -1.90 0.00	72.80 -2.17 0.00	62.31 -1.86 0.00	52.25 -1.62 0.00	45.23 -1.45 0.00	40.58 -1.25 0.00
GENERAL___MILLS 23808	40.18 -3.12 0.00	37.74 -2.67 0.00	36.56 -2.54 0.00	36.43 -2.53 0.00	39.11 -2.50 0.00	44.66 -2.65 0.00	58.95 -3.43 0.00	68.81 -5.18 0.00	56.02 -3.39 0.00	41.90 -3.11 0.00	39.27 -2.73 0.00	36.42 -2.74 0.00	34.73 -2.41 0.00	33.37 -2.51 0.00	32.96 -2.48 0.00	34.27 -2.23 0.00	37.26 -2.42 0.00	46.53 -3.61 0.00	63.29 -4.62 0.00	69.20 -5.77 0.00	59.75 -4.43 0.00	49.45 -4.42 0.00	43.18 -3.50 0.00	39.36 -2.47 0.00
GE_PLASTICS___DRP 24183	44.77 1.47 0.00	41.74 1.33 0.00	40.40 1.29 0.00	40.25 1.29 0.00	42.98 1.37 0.00	48.87 1.56 0.00	64.44 2.06 0.00	76.43 2.44 0.00	61.25 1.84 0.00	46.50 1.49 0.00	43.30 1.30 0.00	40.46 1.29 0.00	38.34 1.19 0.00	37.03 1.15 0.00	36.58 1.13 0.00	37.59 1.09 0.00	40.91 1.23 0.00	51.75 1.60 0.00	69.88 1.97 0.00	77.22 2.25 0.00	66.03 1.86 0.00	55.59 1.72 0.00	48.22 1.54 0.00	43.30 1.46 0.00
GILBOA___1 23756	44.25 0.95 0.00	41.26 0.85 0.00	39.93 0.82 0.00	39.78 0.82 0.00	42.48 0.88 0.00	48.30 1.00 0.00	63.75 1.37 0.00	75.70 1.70 0.00	60.77 1.37 0.00	46.18 1.17 0.00	43.09 1.09 0.00	40.34 1.17 0.00	38.23 1.08 0.00	36.92 1.04 0.00	36.47 1.03 0.00	37.41 0.91 0.00	40.67 0.99 0.00	51.40 1.25 0.00	69.20 1.29 0.00	76.47 1.50 0.00	65.46 1.28 0.00	55.16 1.29 0.00	47.84 1.17 0.00	42.92 1.09 0.00
GILBOA___2 23757	44.25 0.95 0.00	41.26 0.85 0.00	39.93 0.82 0.00	39.78 0.82 0.00	42.48 0.88 0.00	48.30 1.00 0.00	63.75 1.37 0.00	75.70 1.70 0.00	60.77 1.37 0.00	46.18 1.17 0.00	43.09 1.09 0.00	40.34 1.17 0.00	38.23 1.08 0.00	36.92 1.04 0.00	36.47 1.03 0.00	37.41 0.91 0.00	40.67 0.99 0.00	51.40 1.25 0.00	69.20 1.29 0.00	76.47 1.50 0.00	65.46 1.28 0.00	55.16 1.29 0.00	47.84 1.17 0.00	42.92 1.09 0.00

GILBOA___3 23758	44.25 0.95 0.00	41.26 0.85 0.00	39.93 0.82 0.00	39.78 0.82 0.00	42.48 0.88 0.00	48.30 1.00 0.00	63.75 1.37 0.00	75.70 1.70 0.00	60.77 1.37 0.00	46.18 1.17 0.00	43.09 1.09 0.00	40.34 1.17 0.00	38.23 1.08 0.00	36.92 1.04 0.00	36.47 1.03 0.00	37.41 0.91 0.00	40.67 0.99 0.00	51.40 1.25 0.00	69.20 1.29 0.00	76.47 1.50 0.00	65.46 1.28 0.00	55.16 1.29 0.00	47.84 1.17 0.00	42.92 1.09 0.00
GILBOA___4 23759	44.25 0.95 0.00	41.26 0.85 0.00	39.93 0.82 0.00	39.78 0.82 0.00	42.48 0.88 0.00	48.30 1.00 0.00	63.75 1.37 0.00	75.70 1.70 0.00	60.77 1.37 0.00	46.18 1.17 0.00	43.09 1.09 0.00	40.34 1.17 0.00	38.23 1.08 0.00	36.92 1.04 0.00	36.47 1.03 0.00	37.41 0.91 0.00	40.67 0.99 0.00	51.40 1.25 0.00	69.20 1.29 0.00	76.47 1.50 0.00	65.46 1.28 0.00	55.16 1.29 0.00	47.84 1.17 0.00	42.92 1.09 0.00
GILBOA___ 23599	44.30 1.00 0.00	41.34 0.93 0.00	40.01 0.90 0.00	39.82 0.86 0.00	42.56 0.96 0.00	48.40 1.09 0.00	63.88 1.50 0.00	75.69 1.70 0.00	60.77 1.37 0.00	46.18 1.17 0.00	43.00 1.01 0.00	40.26 1.10 0.00	38.19 1.04 0.00	36.92 1.04 0.00	36.44 0.99 0.00	37.37 0.88 0.00	40.63 0.95 0.00	51.40 1.25 0.00	69.20 1.29 0.00	76.47 1.50 0.00	65.46 1.28 0.00	55.11 1.24 0.00	47.80 1.12 0.00	42.88 1.05 0.00
GINNA___ 23603	39.49 -3.81 0.00	36.97 -3.43 0.00	35.82 -3.28 0.00	35.69 -3.27 0.00	38.28 -3.33 0.00	43.67 -3.64 0.00	57.76 -4.62 0.00	67.78 -6.22 0.00	54.83 -4.57 0.00	41.00 -4.01 0.00	38.22 -3.78 0.00	35.44 -3.72 0.00	33.66 -3.49 0.00	32.47 -3.41 0.00	32.08 -3.37 0.00	33.21 -3.28 0.00	36.11 -3.57 0.00	45.68 -4.46 0.00	62.14 -5.77 0.00	68.45 -6.52 0.00	58.59 -5.58 0.00	48.92 -4.96 0.00	42.48 -4.20 0.00	38.15 -3.68 0.00
GLEN PARK___ 23778	43.65 0.34 0.00	40.73 0.32 0.00	39.30 0.20 0.00	39.20 0.24 0.00	42.02 0.42 0.00	47.88 0.57 0.00	63.63 1.25 0.00	75.99 2.00 0.00	60.35 0.95 0.00	44.79 -0.22 0.00	41.53 -0.46 0.00	38.58 -0.59 0.00	36.55 -0.60 0.00	35.16 -0.72 0.00	34.88 -0.57 0.00	35.99 -0.51 0.00	39.21 -0.47 0.00	50.19 0.05 0.00	69.67 1.76 0.00	77.37 2.40 0.00	66.16 1.99 0.00	55.05 1.18 0.00	47.38 0.70 0.00	42.13 0.29 0.00
GLENDALE_27_KV_LOAD 356172	45.73 2.42 -0.01	42.60 2.18 -0.01	41.15 2.03 -0.01	41.00 2.03 -0.01	43.85 2.25 0.00	49.77 2.46 0.00	65.62 3.24 0.00	78.14 4.14 0.00	62.85 3.45 0.00	48.25 3.24 0.00	44.81 2.81 0.00	42.53 2.66 -0.70	40.10 2.45 -0.50	39.77 2.55 -1.35	38.73 2.41 -0.87	38.98 2.48 0.00	42.34 2.66 0.00	53.45 3.31 0.00	71.30 3.40 0.00	79.17 4.20 0.00	67.64 3.47 0.00	56.94 3.07 0.00	49.48 2.80 0.00	44.38 2.55 0.00
GLENWOOD_IC_1_G5 23712	46.52 2.73 -0.49	42.71 2.30 0.00	41.34 2.23 0.00	41.22 2.26 0.00	44.02 2.41 0.00	50.15 2.84 0.00	65.62 3.24 0.00	78.06 4.07 0.00	62.61 3.21 0.00	48.03 3.02 0.00	44.73 2.73 0.00	41.55 2.39 0.00	39.23 2.08 0.00	38.00 2.12 0.00	37.53 2.09 0.00	38.72 2.23 0.00	42.38 2.70 0.00	53.70 3.56 0.00	71.78 3.87 0.00	79.02 4.05 0.00	68.02 3.85 0.00	58.50 3.72 -0.91	49.85 3.17 0.00	44.59 2.76 0.00
GLENWOOD_IC_2_G1 23688	46.31 2.51 -0.50	42.51 2.10 0.00	41.14 2.03 0.00	41.03 2.06 0.00	43.73 2.12 0.00	49.63 2.32 0.00	65.31 2.93 0.00	77.76 3.77 0.00	62.37 2.97 0.00	47.93 2.92 0.00	44.72 2.73 0.00	41.59 2.43 0.00	39.27 2.12 0.00	37.96 2.08 0.00	37.50 2.05 0.00	38.76 2.26 0.00	42.34 2.66 0.00	53.65 3.51 0.00	71.64 3.73 0.00	78.94 3.97 0.00	67.83 3.66 0.00	58.29 3.50 -0.92	49.77 3.08 -0.01	44.64 2.80 -0.01
GLENWOOD_IC_3_G1 23689	46.31 2.51 -0.50	42.51 2.10 0.00	41.14 2.03 0.00	41.03 2.06 0.00	43.73 2.12 0.00	49.63 2.32 0.00	65.31 2.93 0.00	77.76 3.77 0.00	62.37 2.97 0.00	47.93 2.92 0.00	44.72 2.73 0.00	41.59 2.43 0.00	39.27 2.12 0.00	37.96 2.08 0.00	37.50 2.05 0.00	38.76 2.26 0.00	42.34 2.66 0.00	53.65 3.51 0.00	71.64 3.73 0.00	78.94 3.97 0.00	67.83 3.66 0.00	58.29 3.50 -0.92	49.77 3.08 -0.01	44.64 2.80 -0.01
GLENWOOD___4 23550	46.52 2.73 -0.49	42.71 2.30 0.00	41.34 2.23 0.00	41.22 2.26 0.00	44.02 2.41 0.00	50.15 2.84 0.00	65.62 3.24 0.00	78.06 4.07 0.00	62.61 3.21 0.00	48.03 3.02 0.00	44.73 2.73 0.00	41.55 2.39 0.00	39.23 2.08 0.00	38.00 2.12 0.00	37.53 2.09 0.00	38.72 2.23 0.00	42.38 2.70 0.00	53.70 3.56 0.00	71.78 3.87 0.00	79.02 4.05 0.00	68.02 3.85 0.00	58.50 3.72 -0.91	49.85 3.17 0.00	44.59 2.76 0.00
GLENWOOD___5 23614	46.52 2.73 -0.49	42.71 2.30 0.00	41.34 2.23 0.00	41.22 2.26 0.00	44.02 2.41 0.00	50.15 2.84 0.00	65.62 3.24 0.00	78.06 4.07 0.00	62.61 3.21 0.00	48.03 3.02 0.00	44.73 2.73 0.00	41.55 2.39 0.00	39.23 2.08 0.00	38.00 2.12 0.00	37.53 2.09 0.00	38.72 2.23 0.00	42.38 2.70 0.00	53.70 3.56 0.00	71.78 3.87 0.00	79.02 4.05 0.00	68.02 3.85 0.00	58.50 3.72 -0.91	49.85 3.17 0.00	44.59 2.76 0.00
GLOBAL GREEN_PORT_GT1 23814	47.56 3.77 -0.50	43.84 3.43 0.00	42.55 3.44 0.00	42.59 3.62 0.00	45.14 3.53 0.00	50.86 3.55 0.00	66.19 3.81 0.00	78.06 4.07 0.00	61.96 2.55 0.00	47.80 2.79 0.00	44.64 2.65 0.00	41.24 2.07 0.00	38.75 1.60 0.00	37.42 1.54 0.00	36.82 1.38 0.00	38.28 1.79 0.00	42.46 2.78 0.00	54.35 4.21 0.00	73.14 5.23 0.00	79.17 4.20 0.00	68.41 4.23 0.00	59.53 4.74 -0.92	50.98 4.29 -0.01	46.36 4.52 -0.01
GLOBE___DSASP 323697	39.06 -4.24 0.00	36.65 -3.76 0.00	35.55 -3.56 0.00	35.38 -3.58 0.00	37.94 -3.66 0.00	43.19 -4.12 0.00	56.64 -5.74 0.00	66.00 -7.99 0.00	53.76 -5.64 0.00	40.24 -4.77 0.00	37.71 -4.28 0.00	35.01 -4.15 0.00	33.40 -3.75 0.00	32.07 -3.80 0.00	31.72 -3.72 0.00	32.96 -3.54 0.00	35.83 -3.85 0.00	44.58 -5.57 0.00	60.57 -7.33 0.00	66.13 -8.85 0.00	57.11 -7.06 0.00	47.46 -6.41 0.00	41.59 -5.09 0.00	37.98 -3.85 0.00
GOETHSLN___LBMP 323567	45.03 1.73 0.00	41.94 1.54 0.00	40.55 1.45 0.00	40.40 1.44 0.00	43.23 1.62 0.00	49.15 1.85 0.00	57.17 2.50 7.70	66.85 3.26 10.40	58.50 2.67 3.57	47.58 2.57 0.00	44.22 2.23 0.00	41.24 2.08 0.00	39.04 1.89 0.00	37.90 2.01 -0.01	37.32 1.88 0.00	38.43 1.93 0.00	41.75 2.06 0.00	49.84 2.56 2.86	54.81 2.65 15.75	74.34 3.30 3.93	62.77 2.76 4.16	56.24 2.42 0.06	48.82 2.15 0.00	43.71 1.88 0.00
GOLAH___69_KV_TB 1_2 80279	41.01 -2.29 0.00	38.39 -2.02 0.00	37.23 -1.88 0.00	37.09 -1.87 0.00	39.86 -1.75 0.00	45.46 -1.85 0.00	59.95 -2.43 0.00	70.37 -3.63 0.00	56.91 -2.49 0.00	42.44 -2.57 0.00	39.60 -2.39 0.00	36.70 -2.47 0.00	34.96 -2.19 0.00	33.62 -2.26 0.00	33.25 -2.20 0.00	34.45 -2.04 0.00	37.46 -2.22 0.00	47.08 -3.06 0.00	64.24 -3.67 0.00	70.77 -4.20 0.00	60.84 -3.34 0.00	50.69 -3.18 0.00	44.06 -2.61 0.00	39.82 -2.01 0.00

GOODYEAR_LAKE_HYD 323669	44.47 1.17 0.00	41.46 1.05 0.00	40.08 0.98 0.00	39.94 0.97 0.00	42.73 1.12 0.00	48.68 1.37 0.00	64.56 2.18 0.00	76.80 2.81 0.00	61.48 2.08 0.00	46.27 1.26 0.00	43.00 1.01 0.00	40.07 0.90 0.00	38.00 0.85 0.00	36.67 0.79 0.00	36.19 0.74 0.00	37.26 0.77 0.00	40.59 0.91 0.00	51.55 1.40 0.00	70.08 2.17 0.00	77.60 2.62 0.00	66.29 2.12 0.00	55.59 1.72 0.00	48.08 1.40 0.00	43.04 1.21 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.61 -0.69 0.00	39.76 -0.65 0.00	38.52 -0.59 0.00	38.38 -0.58 0.00	41.11 -0.50 0.00	46.79 -0.52 0.00	61.88 -0.50 0.00	73.18 -0.81 0.00	58.93 -0.48 0.00	44.38 -0.63 0.00	41.37 -0.63 0.00	38.50 -0.67 0.00	36.59 -0.56 0.00	35.27 -0.61 0.00	34.84 -0.60 0.00	35.95 -0.55 0.00	39.05 -0.63 0.00	49.34 -0.80 0.00	67.03 -0.88 0.00	73.92 -1.05 0.00	63.34 -0.83 0.00	53.01 -0.86 0.00	45.93 -0.75 0.00	41.33 -0.50 0.00
GOUDEY___7 23579	42.61 -0.69 0.00	39.76 -0.65 0.00	38.52 -0.59 0.00	38.38 -0.58 0.00	41.11 -0.50 0.00	46.79 -0.52 0.00	61.88 -0.50 0.00	73.18 -0.81 0.00	58.93 -0.48 0.00	44.38 -0.63 0.00	41.37 -0.63 0.00	38.50 -0.67 0.00	36.59 -0.56 0.00	35.27 -0.61 0.00	34.84 -0.60 0.00	35.95 -0.55 0.00	39.05 -0.63 0.00	49.34 -0.80 0.00	67.03 -0.88 0.00	73.92 -1.05 0.00	63.34 -0.83 0.00	53.01 -0.86 0.00	45.93 -0.75 0.00	41.33 -0.50 0.00
GOUDEY___8 23580	42.61 -0.69 0.00	39.76 -0.65 0.00	38.52 -0.59 0.00	38.38 -0.58 0.00	41.11 -0.50 0.00	46.79 -0.52 0.00	61.88 -0.50 0.00	73.18 -0.81 0.00	58.93 -0.48 0.00	44.38 -0.63 0.00	41.37 -0.63 0.00	38.50 -0.67 0.00	36.59 -0.56 0.00	35.27 -0.61 0.00	34.84 -0.60 0.00	35.95 -0.55 0.00	39.05 -0.63 0.00	49.34 -0.80 0.00	67.03 -0.88 0.00	73.92 -1.05 0.00	63.34 -0.83 0.00	53.01 -0.86 0.00	45.93 -0.75 0.00	41.33 -0.50 0.00
GOWANUS_GT1_1 24077	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50
GOWANUS_GT1_2 24078	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50
GOWANUS_GT1_3 24079	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50
GOWANUS_GT1_4 24080	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50
GOWANUS_GT1_5 24084	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50
GOWANUS_GT1_6 24111	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50
GOWANUS_GT1_7 24112	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50
GOWANUS_GT1_8 24113	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50
GOWANUS_GT2_1 24114	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
GOWANUS_GT2_2 24115	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
GOWANUS_GT2_3 24116	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50

GOWANUS_GT2_4 24117	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
GOWANUS_GT2_5 24118	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
GOWANUS_GT2_6 24119	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
GOWANUS_GT2_7 24120	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
GOWANUS_GT2_8 24121	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
GOWANUS_GT3_1 24122	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
GOWANUS_GT3_2 24123	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71		

GOWANUS_GT4_3 24132	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50
GOWANUS_GT4_4 24133	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50
GOWANUS_GT4_5 24134	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50
GOWANUS_GT4_6 24135	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50
GOWANUS_GT4_7 24136	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50
GOWANUS_GT4_8 24137	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50
GREENBSH_115KV_TB3 55895	44.99 1.69 0.00	41.94 1.54 0.00	40.59 1.49 0.00	40.44 1.48 0.00	43.19 1.58 0.00	49.11 1.80 0.00	64.81 2.43 0.00	76.88 2.89 0.00	61.54 2.14 0.00	46.72 1.71 0.00	43.51 1.51 0.00	40.65 1.49 0.00	38.52 1.37 0.00	37.21 1.33 0.00	36.72 1.28 0.00	37.74 1.24 0.00	41.11 1.43 0.00	52.00 1.86 0.00	70.22 2.31 0.00	77.60 2.62 0.00	66.36 2.18 0.00	55.86 1.99 0.00	48.45 1.77 0.00	43.50 1.67 0.00
GREENDGE_115KV_TB5 80291	41.87 -1.43 0.00	39.04 -1.37 0.00	37.82 -1.29 0.00	37.72 -1.25 0.00	40.52 -1.08 0.00	46.27 -1.04 0.00	60.95 -1.43 0.00	72.14 -1.85 0.00	58.51 -0.89 0.00	43.66 -1.35 0.00	40.69 -1.30 0.00	37.72 -1.45 0.00	35.89 -1.26 0.00	34.55 -1.33 0.00	34.13 -1.31 0.00	35.29 -1.20 0.00	38.41 -1.27 0.00	48.64 -1.50 0.00	66.28 -1.63 0.00	73.10 -1.87 0.00	62.57 -1.60 0.00	52.58 -1.29 0.00	45.37 -1.31 0.00	40.79 -1.05 0.00
GREENIDGE___3 23582	41.87 -1.43 0.00	39.04 -1.37 0.00	37.82 -1.29 0.00	37.72 -1.25 0.00	40.52 -1.08 0.00	46.27 -1.04 0.00	60.95 -1.43 0.00	72.14 -1.85 0.00	58.51 -0.89 0.00	43.66 -1.35 0.00	40.69 -1.30 0.00	37.72 -1.45 0.00	35.89 -1.26 0.00	34.55 -1.33 0.00	34.13 -1.31 0.00	35.29 -1.20 0.00	38.41 -1.27 0.00	48.64 -1.50 0.00	66.28 -1.63 0.00	73.10 -1.87 0.00	62.57 -1.60 0.00	52.58 -1.29 0.00	45.37 -1.31 0.00	40.79 -1.05 0.00
GREENIDGE___4 23583	41.83 -1.47 0.00	39.08 -1.33 0.00	37.85 -1.25 0.00	37.75 -1.21 0.00	40.57 -1.04 0.00	46.31 -1.00 0.00	61.13 -1.25 0.00	72.15 -1.85 0.00	58.04 -1.36 0.00	43.61 -1.40 0.00	40.61 -1.38 0.00	37.68 -1.49 0.00	35.74 -1.41 0.00	34.48 -1.40 0.00	34.10 -1.35 0.00	35.18 -1.31 0.00	38.33 -1.35 0.00	48.64 -1.50 0.00	66.28 -1.63 0.00	73.17 -1.80 0.00	62.50 -1.67 0.00	52.58 -1.29 0.00	45.37 -1.31 0.00	40.74 -1.09 0.00
GREENLWN_69_KV_BK 3 55738	46.30 2.51 -0.49	42.51 2.10 0.00	41.14 2.03 0.00	41.03 2.06 0.00	43.81 2.21 0.00	49.86 2.55 0.00	64.63 2.25 0.00	76.73 2.74 0.00	61.66 2.26 0.00	47.67 2.66 0.00	44.39 2.39 0.00	41.24 2.08 0.00	38.89 1.75 0.00	37.71 1.83 0.00	37.22 1.77 0.00	38.43 1.93 0.00	42.14 2.46 0.00	53.45 3.31 0.00	70.83 2.92 0.00	77.67 2.70 0.00	67.00 2.82 0.00	58.01 3.23 -0.91	49.62 2.94 0.00	44.38 2.55 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50
GRISSOM___SOLAR 323813	45.68 2.38 0.00	42.63 2.22 0.00	41.22 2.11 0.00	40.99 2.02 0.00	43.85 2.25 0.00	49.96 2.65 0.00	66.43 4.05 0.00	79.25 5.25 0.00	62.79 3.38 0.00	46.81 1.80 0.00	43.42 1.43 0.00	40.42 1.25 0.00	38.30 1.15 0.00	36.95 1.08 0.00	36.47 1.03 0.00	37.56 1.06 0.00	41.19 1.51 0.00	52.50 2.36 0.00	71.64 3.73 0.00	79.70 4.73 0.00	67.96 3.79 0.00	57.10 3.23 0.00	49.34 2.66 0.00	44.09 2.26 0.00
GROVEVILLE___HYD 323602	45.42 2.12 0.00	42.31 1.90 0.00	40.94 1.84 0.00	40.79 1.83 0.00	43.56 1.96 0.00	49.58 2.27 0.00	65.62 3.24 0.00	77.99 4.00 0.00	62.49 3.09 0.00	47.53 2.52 0.00	44.01 2.02 0.00	41.04 1.88 0.00	38.82 1.67 0.00	37.60 1.72 0.00	37.15 1.70 0.00	38.21 1.72 0.00	41.63 1.94 0.00	52.80 2.66 0.00	71.10 3.19 0.00	78.87 3.90 0.00	67.57 3.40 0.00	56.73 2.86 0.00	49.15 2.47 0.00	43.97 2.13 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.35 -0.95 0.00	39.52 -0.89 0.00	38.28 -0.82 0.00	38.18 -0.78 0.00	40.86 -0.75 0.00	46.41 -0.90 0.00	61.26 -1.12 0.00	72.59 -1.41 0.00	58.45 -0.95 0.00	44.06 -0.95 0.00	41.20 -0.80 0.00	38.34 -0.82 0.00	36.41 -0.74 0.00	35.12 -0.75 0.00	34.70 -0.74 0.00	35.77 -0.73 0.00	38.73 -0.95 0.00	48.89 -1.25 0.00	66.55 -1.36 0.00	73.47 -1.50 0.00	62.83 -1.35 0.00	52.69 -1.19 0.00	45.56 -1.12 0.00	40.87 -0.96 0.00

HAMLTNNY_34_KV_TB 80303	42.35 -0.95 0.00	39.52 -0.89 0.00	38.28 -0.82 0.00	38.18 -0.78 0.00	40.86 -0.75 0.00	46.46 -0.85 0.00	61.32 -1.06 0.00	72.66 -1.33 0.00	58.51 -0.89 0.00	44.06 -0.95 0.00	41.20 -0.80 0.00	38.30 -0.86 0.00	36.37 -0.78 0.00	35.09 -0.79 0.00	34.66 -0.78 0.00	35.77 -0.73 0.00	38.77 -0.91 0.00	48.94 -1.20 0.00	66.62 -1.29 0.00	73.55 -1.42 0.00	62.89 -1.28 0.00	52.69 -1.19 0.00	45.56 -1.12 0.00	40.91 -0.92 0.00
HAMPSHIRE___PAPER_HYD 323593	43.17 -0.13 0.00	40.29 -0.12 0.00	38.91 -0.19 0.00	38.77 -0.19 0.00	41.32 -0.29 0.00	46.98 -0.33 0.00	61.95 -0.43 0.00	73.92 -0.07 0.00	59.05 -0.35 0.00	44.29 -0.72 0.00	41.16 -0.84 0.00	38.22 -0.94 0.00	36.26 -0.89 0.00	34.98 -0.90 0.00	34.70 -0.75 0.00	35.80 -0.69 0.00	39.05 -0.64 0.00	49.64 -0.50 0.00	68.32 0.41 0.00	75.35 0.38 0.00	64.50 0.32 0.00	53.92 0.05 0.00	46.58 -0.09 0.00	41.50 -0.34 0.00
HARDSCRABBLE_WT_PWR 323673	43.99 0.69 0.00	40.93 0.52 0.00	39.46 0.35 0.00	39.20 0.24 0.00	41.73 0.13 0.00	47.36 0.05 0.00	62.51 0.13 0.00	74.36 0.37 0.00	59.76 0.36 0.00	45.37 0.36 0.00	42.37 0.38 0.00	39.67 0.51 0.00	37.71 0.56 0.00	36.49 0.61 0.00	36.08 0.64 0.00	37.23 0.73 0.00	40.43 0.75 0.00	51.20 1.05 0.00	69.47 1.56 0.00	76.85 1.88 0.00	65.71 1.54 0.00	55.11 1.24 0.00	47.75 1.07 0.00	42.75 0.92 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	44.95 1.65 0.00	41.86 1.45 0.00	40.51 1.41 0.00	40.36 1.40 0.00	43.10 1.50 0.00	49.06 1.75 0.00	64.94 2.56 0.00	77.17 3.18 0.00	61.90 2.49 0.00	47.13 2.12 0.00	43.68 1.68 0.00	40.77 1.61 0.00	38.60 1.45 0.00	37.38 1.51 0.00	36.90 1.45 0.00	37.99 1.50 0.00	41.35 1.67 0.00	52.35 2.21 0.00	70.49 2.58 0.00	78.05 3.07 0.00	66.87 2.70 0.00	56.19 2.32 0.00	48.68 2.01 0.00	43.55 1.72 0.00
HARSNRAD_115KV_TB1 81005	39.49 -3.81 0.00	37.01 -3.39 0.00	35.90 -3.21 0.00	35.77 -3.19 0.00	38.40 -3.20 0.00	43.81 -3.50 0.00	57.58 -4.80 0.00	67.19 -6.81 0.00	54.71 -4.69 0.00	40.87 -4.14 0.00	38.26 -3.74 0.00	35.52 -3.64 0.00	33.88 -3.27 0.00	32.51 -3.37 0.00	32.15 -3.30 0.00	33.39 -3.10 0.00	36.35 -3.33 0.00	45.33 -4.81 0.00	61.73 -6.18 0.00	67.55 -7.42 0.00	58.27 -5.90 0.00	48.38 -5.49 0.00	42.29 -4.39 0.00	38.53 -3.30 0.00
HARZA MOOSE___RIVER 24016	43.56 0.26 0.00	40.65 0.24 0.00	39.26 0.16 0.00	39.16 0.19 0.00	41.85 0.25 0.00	47.64 0.33 0.00	63.13 0.75 0.00	75.40 1.41 0.00	60.29 0.89 0.00	45.23 0.23 0.00	42.08 0.08 0.00	39.16 0.00 0.00	37.15 0.00 0.00	35.81 -0.07 0.00	35.55 0.11 0.00	36.64 0.15 0.00	39.92 0.24 0.00	50.79 0.65 0.00	69.67 1.77 0.00	76.77 1.80 0.00	65.59 1.41 0.00	54.73 0.86 0.00	47.19 0.51 0.00	42.12 0.29 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.05 -1.26 0.00	39.24 -1.17 0.00	38.01 -1.09 0.00	37.91 -1.05 0.00	40.52 -1.08 0.00	46.08 -1.23 0.00	60.76 -1.62 0.00	72.00 -2.00 0.00	57.98 -1.43 0.00	43.75 -1.26 0.00	40.95 -1.05 0.00	38.11 -1.06 0.00	36.18 -0.97 0.00	34.91 -0.97 0.00	34.49 -0.96 0.00	35.55 -0.95 0.00	38.49 -1.19 0.00	48.54 -1.60 0.00	66.01 -1.90 0.00	72.80 -2.17 0.00	62.31 -1.86 0.00	52.25 -1.62 0.00	45.18 -1.49 0.00	40.62 -1.21 0.00
HELLGATE_13_KV_LD 55870	45.60 2.29 -0.01	42.48 2.06 -0.01	41.03 1.92 -0.01	40.92 1.95 -0.01	43.73 2.12 0.00	49.58 2.27 0.00	65.31 2.93 0.00	77.77 3.77 0.00	62.55 3.15 0.00	48.03 3.02 0.00	44.64 2.65 0.00	42.37 2.51 -0.70	39.91 2.27 -0.50	39.59 2.37 -1.35	38.59 2.27 -0.88	38.80 2.30 0.00	42.14 2.46 0.00	53.15 3.01 0.00	70.96 3.06 0.00	78.72 3.75 0.00	67.25 3.08 0.00	56.67 2.80 0.00	49.24 2.57 0.00	44.22 2.38 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	45.60 2.29 -0.01	42.48 2.06 -0.01	41.03 1.92 -0.01	40.92 1.95 -0.01	43.73 2.12 0.00	49.58 2.27 0.00	65.31 2.93 0.00	77.77 3.77 0.00	62.55 3.15 0.00	48.03 3.02 0.00	44.64 2.65 0.00	42.37 2.51 -0.70	39.91 2.27 -0.50	39.59 2.37 -1.35	38.59 2.27 -0.88	38.80 2.30 0.00	42.14 2.46 0.00	53.15 3.01 0.00	70.96 3.06 0.00	78.72 3.75 0.00	67.25 3.08 0.00	56.67 2.80 0.00	49.24 2.57 0.00	44.22 2.38 0.00
HEMPSTEAD____ 23647	46.18 2.38 -0.50	42.39 1.98 0.00	41.02 1.92 0.00	40.87 1.91 0.00	43.56 1.96 0.00	49.44 2.13 0.00	65.06 2.68 0.00	77.40 3.41 0.00	62.08 2.68 0.00	47.76 2.75 0.00	44.56 2.56 0.00	41.44 2.27 0.00	39.12 1.97 0.00	37.81 1.94 0.00	37.36 1.91 0.00	38.61 2.12 0.00	42.18 2.50 0.00	53.45 3.31 0.00	71.37 3.46 0.00	78.57 3.60 0.00	67.57 3.40 0.00	58.13 3.34 -0.92	49.63 2.94 -0.01	44.52 2.68 -0.01
HEWLETT_69_KV_BK3 55828	46.60 2.81 -0.49	42.79 2.38 0.00	41.41 2.31 0.00	41.26 2.30 0.00	44.10 2.50 0.00	50.24 2.93 0.00	65.75 3.37 0.00	78.21 4.22 0.00	62.73 3.33 0.00	48.07 3.06 0.00	44.73 2.73 0.00	41.55 2.39 0.00	39.23 2.08 0.00	38.03 2.15 0.00	37.53 2.09 0.00	38.72 2.23 0.00	42.38 2.70 0.00	53.75 3.61 0.00	71.85 3.94 0.00	79.10 4.12 0.00	68.09 3.91 0.00	58.55 3.77 -0.91	49.90 3.22 0.00	44.63 2.80 0.00
HICKLING___1 23621	41.61 -1.69 0.00	38.83 -1.58 0.00	37.62 -1.49 0.00	37.52 -1.44 0.00	40.32 -1.29 0.00	46.03 -1.28 0.00	61.01 -1.37 0.00	72.00 -2.00 0.00	58.22 -1.19 0.00	43.48 -1.53 0.00	40.53 -1.47 0.00	37.60 -1.57 0.00	35.81 -1.34 0.00	34.48 -1.40 0.00	34.06 -1.38 0.00	35.22 -1.28 0.00	38.29 -1.39 0.00	48.39 -1.75 0.00	66.21 -1.70 0.00	72.95 -2.02 0.00	62.50 -1.67 0.00	52.15 -1.72 0.00	45.04 -1.63 0.00	40.66 -1.17 0.00
HICKLING___2 23622	41.61 -1.69 0.00	38.83 -1.58 0.00	37.62 -1.49 0.00	37.52 -1.44 0.00	40.32 -1.29 0.00	46.03 -1.28 0.00	61.01 -1.37 0.00	72.00 -2.00 0.00	58.22 -1.19 0.00	43.48 -1.53 0.00	40.53 -1.47 0.00	37.60 -1.57 0.00	35.81 -1.34 0.00	34.48 -1.40 0.00	34.06 -1.38 0.00	35.22 -1.28 0.00	38.29 -1.39 0.00	48.39 -1.75 0.00	66.21 -1.70 0.00	72.95 -2.02 0.00	62.50 -1.67 0.00	52.15 -1.72 0.00	45.04 -1.63 0.00	40.66 -1.17 0.00
HIGH FALLS___HY 23754	45.12 1.82 0.00	42.03 1.62 0.00	40.67 1.56 0.00	40.52 1.56 0.00	43.27 1.66 0.00	49.30 1.99 0.00	65.31 2.93 0.00	77.62 3.63 0.00	62.20 2.79 0.00	47.22 2.21 0.00	43.72 1.72 0.00	40.77 1.61 0.00	38.56 1.41 0.00	37.35 1.47 0.00	36.90 1.45 0.00	37.99 1.50 0.00	41.39 1.71 0.00	52.50 2.36 0.00	70.83 2.92 0.00	78.57 3.60 0.00	67.38 3.21 0.00	56.51 2.64 0.00	48.92 2.24 0.00	43.67 1.84 0.00
HIGH_RIVER___SOLAR 323847	44.99 1.69 0.00	41.94 1.54 0.00	40.59 1.49 0.00	40.40 1.44 0.00	43.19 1.58 0.00	49.11 1.80 0.00	65.00 2.62 0.00	77.33 3.33 0.00	61.54 2.14 0.00	46.14 1.13 0.00	42.84 0.84 0.00	39.83 0.67 0.00	37.82 0.67 0.00	36.52 0.65 0.00	36.05 0.60 0.00	37.19 0.69 0.00	40.83 1.15 0.00	51.90 1.75 0.00	70.42 2.51 0.00	78.05 3.08 0.00	66.67 2.50 0.00	56.08 2.21 0.00	48.55 1.87 0.00	43.46 1.63 0.00

HILLBURN___GT 23639	44.73 1.43 0.00	41.66 1.25 0.00	40.36 1.25 0.00	40.21 1.25 0.00	42.94 1.33 0.00	48.73 1.42 0.00	64.56 2.18 0.00	76.88 2.88 0.00	61.72 2.31 0.00	47.13 2.12 0.00	43.84 1.85 0.00	40.93 1.76 0.00	38.78 1.63 0.00	37.49 1.62 0.00	37.00 1.56 0.00	38.14 1.64 0.00	41.43 1.74 0.00	52.35 2.20 0.00	70.35 2.44 0.00	77.89 2.92 0.00	66.74 2.57 0.00	56.13 2.26 0.00	48.68 2.01 0.00	43.59 1.76 0.00
HILLSIDE_115KV_TB1 80332	41.31 -1.99 0.00	38.59 -1.82 0.00	37.39 -1.72 0.00	37.29 -1.68 0.00	39.98 -1.62 0.00	45.61 -1.70 0.00	60.38 -2.00 0.00	71.18 -2.81 0.00	57.50 -1.90 0.00	43.12 -1.89 0.00	40.15 -1.85 0.00	37.32 -1.84 0.00	35.51 -1.63 0.00	34.23 -1.65 0.00	33.81 -1.63 0.00	34.96 -1.53 0.00	37.98 -1.71 0.00	47.94 -2.21 0.00	65.33 -2.58 0.00	71.90 -3.07 0.00	61.73 -2.44 0.00	51.50 -2.37 0.00	44.58 -2.10 0.00	40.28 -1.55 0.00
HISHELDN_WT_PWR 323625	38.93 -4.37 0.00	36.49 -3.92 0.00	35.39 -3.72 0.00	35.38 -3.58 0.00	38.07 -3.54 0.00	43.76 -3.55 0.00	58.14 -4.24 0.00	67.93 -6.07 0.00	55.13 -4.28 0.00	41.09 -3.92 0.00	38.47 -3.53 0.00	35.72 -3.45 0.00	33.99 -3.16 0.00	32.83 -3.05 0.00	32.40 -3.05 0.00	33.50 -2.99 0.00	36.51 -3.18 0.00	46.03 -4.11 0.00	63.09 -4.82 0.00	69.27 -5.70 0.00	59.36 -4.81 0.00	49.29 -4.58 0.00	42.85 -3.83 0.00	38.65 -3.18 0.00
HOLTSVILLE_IC_1 23690	46.83 3.03 -0.50	42.96 2.55 0.00	41.53 2.43 0.00	41.46 2.50 0.00	44.02 2.41 0.00	49.67 2.36 0.00	64.94 2.56 0.00	76.96 2.96 0.00	61.48 2.08 0.00	47.57 2.56 0.00	44.60 2.60 0.00	41.44 2.27 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.22 1.77 0.00	38.58 2.08 0.00	42.50 2.82 0.00	53.95 3.81 0.00	71.91 4.01 0.00	78.35 3.38 0.00	67.51 3.33 0.00	58.46 3.67 -0.92	49.90 3.22 -0.01	45.14 3.30 -0.01
HOLTSVILLE_IC_10 23699	47.05 3.25 -0.50	43.12 2.71 0.00	41.69 2.58 0.00	41.61 2.65 0.00	44.19 2.58 0.00	49.86 2.55 0.00	65.19 2.81 0.00	77.25 3.25 0.00	61.72 2.31 0.00	47.76 2.75 0.00	44.81 2.81 0.00	41.55 2.39 0.00	39.19 2.04 0.00	37.85 1.97 0.00	37.36 1.91 0.00	38.72 2.23 0.00	42.70 3.01 0.00	54.20 4.06 0.00	72.32 4.41 0.00	78.72 3.75 0.00	67.89 3.72 0.00	58.78 3.99 -0.92	50.14 3.45 -0.01	45.35 3.51 -0.01
HOLTSVILLE_IC_2 23691	46.83 3.03 -0.50	42.96 2.55 0.00	41.53 2.43 0.00	41.46 2.50 0.00	44.02 2.41 0.00	49.67 2.36 0.00	64.94 2.56 0.00	76.96 2.96 0.00	61.48 2.08 0.00	47.57 2.56 0.00	44.60 2.60 0.00	41.44 2.27 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.22 1.77 0.00	38.58 2.08 0.00	42.50 2.82 0.00	53.95 3.81 0.00	71.91 4.01 0.00	78.35 3.38 0.00	67.51 3.33 0.00	58.46 3.67 -0.92	49.90 3.22 -0.01	45.14 3.30 -0.01
HOLTSVILLE_IC_3 23692	46.83 3.03 -0.50	42.96 2.55 0.00	41.53 2.43 0.00	41.46 2.50 0.00	44.02 2.41 0.00	49.67 2.36 0.00	64.94 2.56 0.00	76.96 2.96 0.00	61.48 2.08 0.00	47.57 2.56 0.00	44.60 2.60 0.00	41.44 2.27 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.22 1.77 0.00	38.58 2.08 0.00	42.50 2.82 0.00	53.95 3.81 0.00	71.91 4.01 0.00	78.35 3.38 0.00	67.51 3.33 0.00	58.46 3.67 -0.92	49.90 3.22 -0.01	45.14 3.30 -0.01
HOLTSVILLE_IC_4 23693	46.83 3.03 -0.50	42.96 2.55 0.00	41.53 2.43 0.00	41.46 2.50 0.00	44.02 2.41 0.00	49.67 2.36 0.00	64.94 2.56 0.00	76.96 2.96 0.00	61.48 2.08 0.00	47.57 2.56 0.00	44.60 2.60 0.00	41.44 2.27 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.22 1.77 0.00	38.58 2.08 0.00	42.50 2.82 0.00	53.95 3.81 0.00	71.91 4.01 0.00	78.35 3.38 0.00	67.51 3.33 0.00	58.46 3.67 -0.92	49.90 3.22 -0.01	45.14 3.30 -0.01
HOLTSVILLE_IC_5 23694	46.83 3.03 -0.50	42.96 2.55 0.00	41.53 2.43 0.00	41.46 2.50 0.00	44.02 2.41 0.00	49.67 2.36 0.00	64.94 2.56 0.00	76.96 2.96 0.00	61.48 2.08 0.00	47.57 2.56 0.00	44.60 2.60 0.00	41.44 2.27 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.22 1.77 0.00	38.58 2.08 0.00	42.50 2.82 0.00	53.95 3.81 0.00	71.91 4.01 0.00	78.35 3.38 0.00	67.51 3.33 0.00	58.46 3.67 -0.92	49.90 3.22 -0.01	45.14 3.30 -0.01
HOLTSVILLE_IC_6 23695	47.05 3.25 -0.50	43.12 2.71 0.00	41.69 2.58 0.00	41.61 2.65 0.00	44.19 2.58 0.00	49.86 2.55 0.00	65.19 2.81 0.00	77.25 3.25 0.00	61.72 2.31 0.00	47.76 2.75 0.00	44.81 2.81 0.00	41.55 2.39 0.00	39.19 2.04 0.00	37.85 1.97 0.00	37.36 1.91 0.00	38.72 2.23 0.00	42.70 3.01 0.00	54.20 4.06 0.00	72.32 4.41 0.00	78.72 3.75 0.00	67.89 3.72 0.00	58.78 3.99 -0.92	50.14 3.45 -0.01	45.35 3.51 -0.01
HOLTSVILLE_IC_7 23696	47.05 3.25 -0.50	43.12 2.71 0.00	41.69 2.58 0.00	41.61 2.65 0.00	44.19 2.58 0.00	49.86 2.55 0.00	65.19 2.81 0.00	77.25 3.25 0.00	61.72 2.31 0.00	47.76 2.75 0.00	44.81 2.81 0.00	41.55 2.39 0.00	39.19 2.04 0.00	37.85 1.97 0.00	37.36 1.91 0.00	38.72 2.23 0.00	42.70 3.01 0.00	54.20 4.06 0.00	72.32 4.41 0.00	78.72 3.75 0.00	67.89 3.72 0.00	58.78 3.99 -0.92	50.14 3.45 -0.01	45.35 3.51 -0.01
HOLTSVILLE_IC_8 23697	47.05 3.25 -0.50	43.12 2.71 0.00	41.69 2.58 0.00	41.61 2.65 0.00	44.19 2.58 0.00	49.86 2.55 0.00	65.19 2.81 0.00	77.25 3.25 0.00	61.72 2.31 0.00	47.76 2.75 0.00	44.81 2.81 0.00	41.55 2.39 0.00	39.19 2.04 0.00	37.85 1.97 0.00	37.36 1.91 0.00	38.72 2.23 0.00	42.70 3.01 0.00	54.20 4.06 0.00	72.32 4.41 0.00	78.72 3.75 0.00	67.89 3.72 0.00	58.78 3.99 -0.92	50.14 3.45 -0.01	45.35 3.51 -0.01
HOLTSVILLE_IC_9 23698	47.05 3.25 -0.50	43.12 2.71 0.00	41.69 2.58 0.00	41.61 2.65 0.00	44.19 2.58 0.00	49.86 2.55 0.00	65.19 2.81 0.00	77.25 3.25 0.00	61.72 2.31 0.00	47.76 2.75 0.00	44.81 2.81 0.00	41.55 2.39 0.00	39.19 2.04 0.00	37.85 1.97 0.00	37.36 1.91 0.00	38.72 2.23 0.00	42.70 3.01 0.00	54.20 4.06 0.00	72.32 4.41 0.00	78.72 3.75 0.00	67.89 3.72 0.00	58.78 3.99 -0.92	50.14 3.45 -0.01	45.35 3.51 -0.01
HOMER_HL_115KV_TB2 355744	40.31 -2.99 0.00	37.86 -2.55 0.00	36.68 -2.42 0.00	36.59 -2.38 0.00	39.28 -2.33 0.00	44.94 -2.37 0.00	59.82 -2.56 0.00	69.85 -4.14 0.00	56.79 -2.61 0.00	42.49 -2.52 0.00	39.64 -2.35 0.00	36.78 -2.39 0.00	35.07 -2.08 0.00	33.69 -2.19 0.00	33.28 -2.16 0.00	34.53 -1.97 0.00	37.50 -2.18 0.00	47.18 -2.96 0.00	64.11 -3.80 0.00	70.32 -4.65 0.00	60.58 -3.59 0.00	50.15 -3.72 0.00	43.55 -3.13 0.00	39.66 -2.18 0.00
HOWARD_WT_PWR 323690	39.71 -3.59 0.00	36.77 -3.64 0.00	35.74 -3.36 0.00	35.77 -3.19 0.00	38.61 -3.00 0.00	44.38 -2.93 0.00	59.20 -3.18 0.00	70.14 -3.85 0.00	56.55 -2.85 0.00	42.22 -2.79 0.00	39.60 -2.39 0.00	36.85 -2.31 0.00	35.07 -2.08 0.00	33.87 -2.01 0.00	33.49 -1.95 0.00	34.56 -1.94 0.00	37.70 -1.98 0.00	47.89 -2.26 0.00	66.08 -1.83 0.00	72.87 -2.10 0.00	62.25 -1.92 0.00	51.71 -2.16 0.00	44.53 -2.15 0.00	39.95 -1.88 0.00

HQ_GEN_CEDARS 23644	44.08 0.78 0.00	41.14 0.73 0.00	39.77 0.66 0.00	39.62 0.66 0.00	42.19 0.58 0.00	48.07 0.76 0.00	62.88 0.50 0.00	74.73 0.74 0.00	59.82 0.42 0.00	45.19 0.18 0.00	42.04 0.04 0.00	39.09 -0.08 0.00	37.11 -0.04 0.00	35.84 -0.04 0.00	35.48 0.04 0.00	36.57 0.07 0.00	39.88 0.20 0.00	50.44 0.30 0.00	68.93 1.02 0.00	75.95 0.97 0.00	65.14 0.96 0.00	54.57 0.70 0.00	47.24 0.56 0.00	42.12 0.29 0.00
HQ_GEN_CEDARS_PROXY 323590	44.08 0.78 0.00	41.14 0.73 0.00	39.77 0.66 0.00	39.62 0.66 0.00	42.19 0.58 0.00	48.06 0.75 0.00	63.49 0.50 -0.61	74.05 0.66 0.61	59.14 0.42 0.68	45.87 0.18 -0.68	42.04 0.04 0.00	39.13 -0.04 0.00	37.11 -0.04 0.00	35.84 -0.04 0.00	35.48 0.04 0.00	36.57 0.07 0.00	39.88 0.20 0.00	51.62 0.30 -1.17	68.49 1.02 0.44	75.14 0.90 0.74	65.14 0.96 0.00	54.57 0.70 0.00	47.11 0.56 0.13	42.26 0.29 -0.13
HQ_GEN_IMPORT 323601	43.43 0.13 0.00	40.53 0.12 0.00	39.18 0.08 0.00	39.04 0.08 0.00	41.65 0.04 0.00	47.40 0.09 0.00	63.05 0.06 -0.61	73.53 0.15 0.61	58.78 0.06 0.68	45.69 0.00 -0.68	41.95 -0.04 0.00	39.09 -0.08 0.00	37.07 -0.07 0.00	35.81 -0.07 0.00	35.41 -0.04 0.00	36.50 0.00 0.00	39.72 0.04 0.00	51.42 0.10 -1.17	67.81 0.34 0.44	74.54 0.30 0.74	64.50 0.32 0.00	54.09 0.22 0.00	46.69 0.14 0.13	41.96 0.00 -0.13
HQ_GEN_WHEEL 23651	43.43 0.13 0.00	40.53 0.12 0.00	39.18 0.08 0.00	39.04 0.08 0.00	41.65 0.04 0.00	47.40 0.09 0.00	63.05 0.06 -0.61	73.53 0.15 0.61	58.78 0.06 0.68	45.69 0.00 -0.68	41.95 -0.04 0.00	39.09 -0.08 0.00	37.07 -0.07 0.00	35.81 -0.07 0.00	35.41 -0.04 0.00	36.50 0.00 0.00	39.72 0.04 0.00	51.42 0.10 -1.17	67.81 0.34 0.44	74.54 0.30 0.74	64.50 0.32 0.00	54.09 0.22 0.00	46.69 0.14 0.13	41.96 0.00 -0.13
HUDSON AVE_GT_3 23810	45.38 2.08 0.00	42.23 1.82 0.00	40.83 1.72 0.00	40.68 1.71 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.37 2.99 0.00	77.84 3.85 0.00	62.55 3.15 0.00	47.94 2.93 0.00	44.52 2.52 0.00	41.51 2.35 0.00	39.30 2.15 0.00	38.15 2.26 -0.01	37.57 2.13 0.00	38.69 2.19 0.00	42.02 2.34 0.00	53.10 2.96 0.00	71.10 3.19 0.00	78.87 3.90 0.00	67.45 3.27 0.00	56.67 2.80 0.00	49.15 2.47 0.00	44.01 2.18 0.00
HUDSON AVE_GT_4 23540	45.38 2.08 0.00	42.23 1.82 0.00	40.83 1.72 0.00	40.68 1.71 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.37 2.99 0.00	77.84 3.85 0.00	62.55 3.15 0.00	47.94 2.93 0.00	44.52 2.52 0.00	41.51 2.35 0.00	39.30 2.15 0.00	38.15 2.26 -0.01	37.57 2.13 0.00	38.69 2.19 0.00	42.02 2.34 0.00	53.10 2.96 0.00	71.10 3.19 0.00	78.87 3.90 0.00	67.45 3.27 0.00	56.67 2.80 0.00	49.15 2.47 0.00	44.01 2.18 0.00
HUDSON AVE_GT_5 23657	45.38 2.08 0.00	42.23 1.82 0.00	40.83 1.72 0.00	40.68 1.71 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.37 2.99 0.00	77.84 3.85 0.00	62.55 3.15 0.00	47.94 2.93 0.00	44.52 2.52 0.00	41.51 2.35 0.00	39.30 2.15 0.00	38.15 2.26 -0.01	37.57 2.13 0.00	38.69 2.19 0.00	42.02 2.34 0.00	53.10 2.96 0.00	71.10 3.19 0.00	78.87 3.90 0.00	67.45 3.27 0.00	56.67 2.80 0.00	49.15 2.47 0.00	44.01 2.18 0.00
HUDSON_AVE_10 24168	45.21 1.91 0.00	42.11 1.70 0.00	40.67 1.56 0.00	40.56 1.60 0.00	43.35 1.75 0.00	49.34 2.03 0.00	65.19 2.81 0.00	77.62 3.63 0.00	62.37 2.97 0.00	47.85 2.84 0.00	44.43 2.44 0.00	41.44 2.27 0.00	39.23 2.08 0.00	38.04 2.15 -0.01	37.50 2.06 0.00	38.61 2.12 0.00	41.94 2.26 0.00	52.95 2.81 0.00	70.90 2.99 0.00	78.65 3.67 0.00	67.25 3.08 0.00	56.51 2.64 0.00	49.06 2.38 0.00	43.88 2.05 0.00
HUDSON___115KV_TB 4 355613	45.73 2.42 0.00	42.63 2.22 0.00	41.26 2.15 0.00	41.07 2.10 0.00	43.85 2.25 0.00	49.91 2.60 0.00	66.12 3.74 0.00	78.43 4.44 0.00	62.49 3.09 0.00	47.08 2.07 0.00	43.63 1.64 0.00	40.73 1.57 0.00	38.52 1.37 0.00	37.24 1.36 0.00	36.76 1.31 0.00	37.81 1.31 0.00	41.31 1.63 0.00	52.50 2.36 0.00	71.30 3.40 0.00	79.02 4.05 0.00	67.57 3.40 0.00	56.78 2.91 0.00	49.20 2.52 0.00	44.09 2.26 0.00
HUNTER MOUNT___DRP 323613	46.03 2.73 0.00	42.91 2.51 0.00	41.53 2.42 0.00	41.34 2.38 0.00	44.14 2.54 0.00	50.24 2.93 0.00	66.62 4.24 0.00	79.02 5.03 0.00	62.85 3.45 0.00	47.22 2.21 0.00	43.68 1.68 0.00	40.69 1.53 0.00	38.49 1.34 0.00	37.21 1.33 0.00	36.72 1.28 0.00	37.77 1.28 0.00	41.31 1.63 0.00	52.60 2.46 0.00	71.58 3.67 0.00	79.40 4.42 0.00	67.90 3.72 0.00	57.05 3.18 0.00	49.48 2.80 0.00	44.30 2.47 0.00
HUNTINGTON_RES_REC 323705	46.53 2.73 -0.50	42.67 2.26 0.00	41.26 2.15 0.00	41.18 2.22 0.00	43.81 2.20 0.00	49.58 2.27 0.00	64.75 2.37 0.00	76.80 2.81 0.00	61.48 2.08 0.00	47.66 2.65 0.00	44.56 2.56 0.00	41.40 2.23 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.25 1.81 0.00	38.61 2.12 0.00	42.38 2.70 0.00	53.85 3.71 0.00	71.51 3.60 0.00	78.19 3.22 0.00	67.38 3.21 0.00	58.29 3.50 -0.92	49.81 3.13 -0.01	44.85 3.01 -0.01
HUNTLEY___63 23557	39.84 -3.46 0.00	37.42 -2.99 0.00	36.29 -2.82 0.00	36.16 -2.81 0.00	38.82 -2.79 0.00	44.28 -3.03 0.00	58.26 -4.12 0.00	67.93 -6.07 0.00	55.36 -4.04 0.00	41.36 -3.65 0.00	38.76 -3.23 0.00	35.95 -3.21 0.00	34.29 -2.86 0.00	32.90 -2.98 0.00	32.54 -2.91 0.00	33.83 -2.66 0.00	36.79 -2.90 0.00	45.88 -4.26 0.00	62.41 -5.50 0.00	68.30 -6.67 0.00	58.91 -5.26 0.00	48.86 -5.01 0.00	42.66 -4.01 0.00	38.95 -2.89 0.00
HUNTLEY___64 23558	39.84 -3.46 0.00	37.42 -2.99 0.00	36.29 -2.82 0.00	36.16 -2.81 0.00	38.82 -2.79 0.00	44.28 -3.03 0.00	58.26 -4.12 0.00	67.93 -6.07 0.00	55.36 -4.04 0.00	41.36 -3.65 0.00	38.76 -3.23 0.00	35.95 -3.21 0.00	34.29 -2.86 0.00	32.90 -2.98 0.00	32.54 -2.91 0.00	33.83 -2.66 0.00	36.79 -2.90 0.00	45.88 -4.26 0.00	62.41 -5.50 0.00	68.30 -6.67 0.00	58.91 -5.26 0.00	48.86 -5.01 0.00	42.66 -4.01 0.00	38.95 -2.89 0.00
HUNTLEY___65 23559	39.84 -3.46 0.00	37.42 -2.99 0.00	36.29 -2.82 0.00	36.16 -2.81 0.00	38.82 -2.79 0.00	44.28 -3.03 0.00	58.26 -4.12 0.00	67.93 -6.07 0.00	55.36 -4.04 0.00	41.36 -3.65 0.00	38.76 -3.23 0.00	35.95 -3.21 0.00	34.29 -2.86 0.00	32.90 -2.98 0.00	32.54 -2.91 0.00	33.83 -2.66 0.00	36.79 -2.90 0.00	45.88 -4.26 0.00	62.41 -5.50 0.00	68.30 -6.67 0.00	58.91 -5.26 0.00	48.86 -5.01 0.00	42.66 -4.01 0.00	38.95 -2.89 0.00
HUNTLEY___66 23560	39.84 -3.46 0.00	37.42 -2.99 0.00	36.29 -2.82 0.00	36.16 -2.81 0.00	38.82 -2.79 0.00	44.28 -3.03 0.00	58.26 -4.12 0.00	67.93 -6.07 0.00	55.36 -4.04 0.00	41.36 -3.65 0.00	38.76 -3.23 0.00	35.95 -3.21 0.00	34.29 -2.86 0.00	32.90 -2.98 0.00	32.54 -2.91 0.00	33.83 -2.66 0.00	36.79 -2.90 0.00	45.88 -4.26 0.00	62.41 -5.50 0.00	68.30 -6.67 0.00	58.91 -5.26 0.00	48.86 -5.01 0.00	42.66 -4.01 0.00	38.95 -2.89 0.00

HUNTLEY___67 23561	39.79 -3.51 0.00	37.34 -3.07 0.00	36.17 -2.93 0.00	36.04 -2.92 0.00	38.69 -2.91 0.00	44.09 -3.22 0.00	58.01 -4.37 0.00	67.70 -6.29 0.00	55.13 -4.28 0.00	41.23 -3.78 0.00	38.68 -3.32 0.00	35.87 -3.29 0.00	34.21 -2.93 0.00	32.86 -3.01 0.00	32.47 -2.98 0.00	33.76 -2.74 0.00	36.71 -2.98 0.00	45.78 -4.36 0.00	62.20 -5.70 0.00	68.00 -6.97 0.00	58.65 -5.52 0.00	48.70 -5.17 0.00	42.52 -4.15 0.00	38.82 -3.01 0.00
HUNTLEY___68 23562	39.79 -3.51 0.00	37.34 -3.07 0.00	36.17 -2.93 0.00	36.04 -2.92 0.00	38.69 -2.91 0.00	44.09 -3.22 0.00	58.01 -4.37 0.00	67.70 -6.29 0.00	55.13 -4.28 0.00	41.23 -3.78 0.00	38.68 -3.32 0.00	35.87 -3.29 0.00	34.21 -2.93 0.00	32.86 -3.01 0.00	32.47 -2.98 0.00	33.76 -2.74 0.00	36.71 -2.98 0.00	45.78 -4.36 0.00	62.20 -5.70 0.00	68.00 -6.97 0.00	58.65 -5.52 0.00	48.70 -5.17 0.00	42.52 -4.15 0.00	38.82 -3.01 0.00
HYLAND___LFGE 323620	42.00 -1.30 0.00	39.28 -1.13 0.00	38.01 -1.09 0.00	37.99 -0.97 0.00	40.94 -0.67 0.00	46.93 -0.38 0.00	62.63 0.25 0.00	72.96 -1.04 0.00	57.98 -1.43 0.00	42.49 -2.52 0.00	39.31 -2.69 0.00	36.42 -2.74 0.00	34.51 -2.64 0.00	33.33 -2.55 0.00	32.96 -2.48 0.00	34.12 -2.37 0.00	37.38 -2.30 0.00	47.79 -2.36 0.00	66.82 -1.09 0.00	74.60 -0.37 0.00	64.05 -0.13 0.00	53.23 -0.64 0.00	45.93 -0.75 0.00	41.04 -0.80 0.00
INDECK___CORINTH 23802	46.03 2.73 0.00	42.96 2.55 0.00	41.57 2.47 0.00	41.34 2.38 0.00	44.19 2.58 0.00	50.38 3.07 0.00	66.87 4.49 0.00	79.84 5.84 0.00	63.62 4.22 0.00	47.89 2.88 0.00	44.35 2.35 0.00	41.36 2.19 0.00	39.04 1.89 0.00	37.60 1.72 0.00	37.11 1.67 0.00	38.18 1.68 0.00	41.67 1.98 0.00	51.54 1.40 0.00	69.94 2.04 0.00	77.67 2.70 0.00	66.16 1.99 0.00	55.54 1.67 0.00	48.13 1.45 0.00	43.21 1.38 0.00
INDECK___ILION 23567	43.91 0.61 0.00	40.89 0.48 0.00	39.50 0.39 0.00	39.31 0.35 0.00	41.94 0.33 0.00	47.64 0.33 0.00	62.88 0.50 0.00	74.73 0.74 0.00	60.00 0.59 0.00	45.51 0.50 0.00	42.46 0.46 0.00	39.67 0.51 0.00	37.67 0.52 0.00	36.42 0.54 0.00	35.98 0.53 0.00	37.08 0.58 0.00	40.32 0.63 0.00	51.04 0.90 0.00	69.13 1.22 0.00	76.40 1.42 0.00	65.33 1.16 0.00	54.84 0.97 0.00	47.52 0.84 0.00	42.54 0.71 0.00
INDECK___OLEAN 23982	40.14 -3.16 0.00	37.90 -2.51 0.00	36.72 -2.39 0.00	36.63 -2.34 0.00	39.24 -2.37 0.00	44.99 -2.32 0.00	60.07 -2.31 0.00	69.85 -4.14 0.00	56.73 -2.67 0.00	42.45 -2.56 0.00	39.60 -2.39 0.00	36.74 -2.43 0.00	34.92 -2.23 0.00	33.65 -2.22 0.00	33.25 -2.20 0.00	34.42 -2.08 0.00	37.38 -2.30 0.00	47.13 -3.01 0.00	64.04 -3.87 0.00	70.32 -4.65 0.00	60.52 -3.66 0.00	50.15 -3.72 0.00	43.55 -3.13 0.00	39.70 -2.13 0.00
INDECK___OSWEGO 23783	41.83 -1.47 0.00	39.04 -1.37 0.00	37.82 -1.29 0.00	37.68 -1.28 0.00	40.32 -1.29 0.00	45.79 -1.52 0.00	60.32 -2.06 0.00	71.33 -2.66 0.00	57.32 -2.08 0.00	43.25 -1.76 0.00	40.40 -1.60 0.00	37.64 -1.53 0.00	35.74 -1.41 0.00	34.51 -1.36 0.00	34.10 -1.35 0.00	35.11 -1.39 0.00	38.05 -1.63 0.00	48.04 -2.10 0.00	65.33 -2.58 0.00	72.12 -2.85 0.00	61.73 -2.44 0.00	51.71 -2.16 0.00	44.81 -1.87 0.00	40.24 -1.59 0.00
INDECK___YERKES 23781	39.75 -3.55 0.00	37.54 -2.87 0.00	36.37 -2.74 0.00	36.23 -2.73 0.00	38.86 -2.75 0.00	44.42 -2.89 0.00	58.89 -3.49 0.00	68.00 -5.99 0.00	55.36 -4.04 0.00	41.37 -3.64 0.00	38.72 -3.28 0.00	35.91 -3.25 0.00	34.07 -3.08 0.00	32.90 -2.98 0.00	32.50 -2.94 0.00	33.65 -2.85 0.00	36.63 -3.05 0.00	45.93 -4.21 0.00	62.47 -5.44 0.00	68.37 -6.60 0.00	58.78 -5.39 0.00	48.86 -5.01 0.00	42.71 -3.97 0.00	38.95 -2.89 0.00
INDIAN POINT_GT_1 24139	44.95 1.65 0.00	42.07 1.66 0.00	40.51 1.41 0.00	40.36 1.40 0.00	43.10 1.50 0.00	49.06 1.75 0.00	64.81 2.43 0.00	77.03 3.03 0.00	61.78 2.38 0.00	47.17 2.16 0.00	43.80 1.81 0.00	40.89 1.72 0.00	38.71 1.56 0.00	37.49 1.61 0.00	37.00 1.56 0.00	38.10 1.61 0.00	41.43 1.75 0.00	52.40 2.26 0.00	70.35 2.44 0.00	77.97 3.00 0.00	66.74 2.57 0.00	56.13 2.26 0.00	48.68 2.01 0.00	43.55 1.72 0.00
INDIAN POINT_GT_2 23659	44.95 1.65 0.00	42.07 1.66 0.00	40.51 1.41 0.00	40.36 1.40 0.00	43.10 1.50 0.00	49.06 1.75 0.00	64.81 2.43 0.00	77.03 3.03 0.00	61.78 2.38 0.00	47.17 2.16 0.00	43.80 1.81 0.00	40.89 1.72 0.00	38.71 1.56 0.00	37.49 1.61 0.00	37.00 1.56 0.00	38.10 1.61 0.00	41.43 1.75 0.00	52.40 2.26 0.00	70.35 2.44 0.00	77.97 3.00 0.00	66.74 2.57 0.00	56.13 2.26 0.00	48.68 2.01 0.00	43.55 1.72 0.00
INDIAN POINT_GT_3 24019	44.95 1.65 0.00	42.07 1.66 0.00	40.51 1.41 0.00	40.36 1.40 0.00	43.10 1.50 0.00	49.06 1.75 0.00	64.81 2.43 0.00	77.03 3.03 0.00	61.78 2.38 0.00	47.17 2.16 0.00	43.80 1.81 0.00	40.89 1.72 0.00	38.71 1.56 0.00	37.49 1.61 0.00	37.00 1.56 0.00	38.10 1.61 0.00	41.43 1.75 0.00	52.40 2.26 0.00	70.35 2.44 0.00	77.97 3.00 0.00	66.74 2.57 0.00	56.13 2.26 0.00	48.68 2.01 0.00	43.55 1.72 0.00
INDIAN POINT___2 23530	44.65 1.34 0.00	41.94 1.54 0.00	40.28 1.17 0.00	40.13 1.17 0.00	42.81 1.21 0.00	48.63 1.32 0.00	64.38 2.00 0.00	76.65 2.66 0.00	61.48 2.08 0.00	46.99 1.98 0.00	43.72 1.72 0.00	40.81 1.64 0.00	38.67 1.52 0.00	37.38 1.51 0.00	36.90 1.45 0.00	38.03 1.53 0.00	41.31 1.63 0.00	52.20 2.06 0.00	70.08 2.17 0.00	77.60 2.62 0.00	66.48 2.31 0.00	55.97 2.10 0.00	48.55 1.87 0.00	43.46 1.63 0.00
INDIAN POINT___3 23531	44.95 1.65 0.00	41.86 1.45 0.00	40.51 1.41 0.00	40.36 1.40 0.00	43.10 1.50 0.00	49.06 1.75 0.00	64.81 2.43 0.00	77.03 3.03 0.00	61.78 2.38 0.00	47.22 2.21 0.00	43.84 1.85 0.00	40.93 1.76 0.00	38.75 1.60 0.00	37.56 1.69 0.00	37.04 1.59 0.00	38.14 1.64 0.00	41.47 1.79 0.00	52.45 2.31 0.00	70.35 2.44 0.00	77.90 2.92 0.00	66.74 2.57 0.00	56.13 2.26 0.00	48.68 2.01 0.00	43.59 1.76 0.00
INGHAM_C_115KV_TB7 356103	44.21 0.91 0.00	41.14 0.73 0.00	39.65 0.55 0.00	39.35 0.39 0.00	41.94 0.33 0.00	47.64 0.33 0.00	62.82 0.44 0.00	74.73 0.74 0.00	60.00 0.59 0.00	45.51 0.50 0.00	42.50 0.50 0.00	39.79 0.63 0.00	37.82 0.67 0.00	36.60 0.72 0.00	36.19 0.74 0.00	37.30 0.80 0.00	40.56 0.87 0.00	51.34 1.20 0.00	69.67 1.77 0.00	77.00 2.02 0.00	65.91 1.73 0.00	55.27 1.40 0.00	47.94 1.26 0.00	42.92 1.09 0.00
IP CORINTH___1 23988	46.12 2.81 0.00	43.04 2.63 0.00	41.61 2.50 0.00	41.38 2.42 0.00	44.23 2.62 0.00	49.25 1.94 0.00	65.13 2.74 0.00	77.69 3.70 0.00	61.84 2.44 0.00	46.68 1.67 0.00	43.13 1.13 0.00	40.22 1.06 0.00	38.04 0.89 0.00	36.63 0.75 0.00	36.15 0.71 0.00	37.19 0.69 0.00	40.63 0.95 0.00	51.75 1.60 0.00	70.29 2.38 0.00	78.12 3.15 0.00	66.55 2.37 0.00	55.97 2.10 0.00	49.57 2.89 0.00	44.51 2.68 0.00

IP__TICONDEROGA 23804	47.68 4.37 0.00	44.45 4.04 0.00	42.98 3.87 0.00	42.66 3.70 0.00	45.64 4.04 0.00	51.19 3.88 0.00	68.12 5.74 0.00	81.61 7.62 0.00	64.51 5.11 0.00	48.30 3.29 0.00	44.52 2.52 0.00	41.44 2.27 0.00	39.08 1.93 0.00	37.56 1.69 0.00	37.07 1.63 0.00	38.21 1.72 0.00	41.86 2.18 0.00	53.55 3.41 0.00	73.34 5.43 0.00	81.95 6.97 0.00	69.63 5.45 0.00	58.34 4.47 0.00	51.35 4.67 0.00	45.89 4.06 0.00
ISLIP_RES_REC 323679	47.18 3.38 -0.50	43.24 2.83 0.00	41.80 2.70 0.00	41.77 2.81 0.00	44.35 2.75 0.00	50.05 2.74 0.00	65.50 3.12 0.00	77.62 3.62 0.00	61.96 2.55 0.00	47.93 2.92 0.00	44.93 2.94 0.00	41.67 2.51 0.00	39.27 2.12 0.00	37.96 2.08 0.00	37.43 1.98 0.00	38.83 2.34 0.00	42.82 3.13 0.00	54.40 4.26 0.00	72.66 4.75 0.00	79.09 4.12 0.00	68.15 3.98 0.00	58.99 4.20 -0.92	50.33 3.64 -0.01	45.52 3.68 -0.01
JAMAICA__27_KV_LOAD 355505	45.38 2.08 0.00	42.23 1.82 0.00	40.83 1.72 0.00	40.64 1.68 0.00	43.48 1.87 0.00	49.53 2.22 0.00	65.44 3.06 0.00	77.99 4.00 0.00	62.67 3.27 0.00	48.12 3.11 0.00	44.68 2.69 0.00	41.67 2.51 0.00	39.49 2.34 0.00	38.33 2.44 -0.01	37.75 2.30 0.00	38.87 2.37 0.00	42.18 2.50 0.00	53.25 3.11 0.00	71.30 3.40 0.00	79.17 4.20 0.00	67.70 3.53 0.00	56.78 2.91 0.00	49.29 2.61 0.00	44.09 2.26 0.00
JANIS__SOLAR 323808	44.21 0.91 0.00	41.22 0.81 0.00	39.81 0.70 0.00	39.70 0.74 0.00	42.56 0.96 0.00	48.54 1.23 0.00	64.69 2.31 0.00	76.65 2.66 0.00	61.18 1.78 0.00	45.46 0.45 0.00	41.95 -0.04 0.00	38.85 -0.31 0.00	36.85 -0.30 0.00	35.52 -0.36 0.00	35.12 -0.32 0.00	36.31 -0.18 0.00	39.76 0.08 0.00	50.94 0.80 0.00	70.35 2.44 0.00	77.97 3.00 0.00	66.61 2.44 0.00	55.59 1.72 0.00	47.89 1.21 0.00	42.83 1.00 0.00
JARVIS____ 23743	43.65 0.34 0.00	40.69 0.28 0.00	39.38 0.28 0.00	39.24 0.27 0.00	41.86 0.25 0.00	47.59 0.29 0.00	62.88 0.50 0.00	74.66 0.66 0.00	59.88 0.47 0.00	45.41 0.40 0.00	42.42 0.42 0.00	39.56 0.39 0.00	37.52 0.37 0.00	36.24 0.36 0.00	35.80 0.35 0.00	36.82 0.33 0.00	40.04 0.36 0.00	50.64 0.50 0.00	68.52 0.61 0.00	75.72 0.75 0.00	64.75 0.58 0.00	54.35 0.48 0.00	47.14 0.47 0.00	42.21 0.38 0.00
JENNISON__1 23625	44.43 1.13 0.00	41.42 1.01 0.00	39.97 0.86 0.00	39.82 0.86 0.00	42.69 1.08 0.00	48.68 1.37 0.00	64.88 2.50 0.00	77.10 3.11 0.00	61.78 2.38 0.00	46.14 1.13 0.00	42.84 0.84 0.00	39.71 0.55 0.00	37.71 0.56 0.00	36.34 0.47 0.00	35.90 0.46 0.00	37.08 0.58 0.00	40.48 0.79 0.00	51.60 1.45 0.00	70.83 2.92 0.00	78.35 3.37 0.00	67.00 2.82 0.00	55.86 1.99 0.00	48.17 1.49 0.00	43.13 1.30 0.00
JENNISON__2 23626	44.43 1.13 0.00	41.42 1.01 0.00	39.97 0.86 0.00	39.82 0.86 0.00	42.69 1.08 0.00	48.68 1.37 0.00	64.88 2.50 0.00	77.10 3.11 0.00	61.78 2.38 0.00	46.14 1.13 0.00	42.84 0.84 0.00	39.71 0.55 0.00	37.71 0.56 0.00	36.34 0.47 0.00	35.90 0.46 0.00	37.08 0.58 0.00	40.48 0.79 0.00	51.60 1.45 0.00	70.83 2.92 0.00	78.35 3.37 0.00	67.00 2.82 0.00	55.86 1.99 0.00	48.17 1.49 0.00	43.13 1.30 0.00
JERICHO_RISE_WT_PWR 323719	43.73 0.43 0.00	40.77 0.36 0.00	39.42 0.31 0.00	39.24 0.27 0.00	41.81 0.21 0.00	47.59 0.29 0.00	62.69 0.31 0.00	74.51 0.52 0.00	59.76 0.36 0.00	45.15 0.14 0.00	42.00 0.00 0.00	39.01 -0.16 0.00	36.96 -0.18 0.00	35.70 -0.18 0.00	35.34 -0.11 0.00	36.50 0.00 0.00	39.96 0.28 0.00	50.69 0.55 0.00	69.34 1.43 0.00	76.32 1.35 0.00	65.46 1.28 0.00	54.73 0.86 0.00	47.19 0.51 0.00	41.96 0.13 0.00
KATONAH__115KV_46KV_TB4 355592	45.38 2.08 0.00	42.27 1.86 0.00	40.90 1.80 0.00	40.75 1.79 0.00	43.52 1.91 0.00	49.53 2.22 0.00	65.56 3.18 0.00	77.99 4.00 0.00	62.55 3.15 0.00	47.62 2.61 0.00	44.14 2.14 0.00	41.24 2.08 0.00	38.93 1.78 0.00	37.71 1.83 0.00	37.25 1.81 0.00	38.32 1.82 0.00	41.79 2.10 0.00	52.90 2.76 0.00	71.10 3.19 0.00	78.87 3.90 0.00	67.57 3.40 0.00	56.73 2.86 0.00	49.15 2.47 0.00	43.92 2.09 0.00
KCE_NY_1 323755	45.64 2.34 0.00	42.59 2.18 0.00	41.22 2.11 0.00	41.03 2.06 0.00	43.81 2.20 0.00	49.86 2.55 0.00	66.00 3.62 0.00	78.58 4.59 0.00	62.73 3.32 0.00	47.39 2.38 0.00	44.09 2.10 0.00	41.12 1.96 0.00	38.90 1.75 0.00	37.49 1.62 0.00	37.00 1.56 0.00	38.06 1.57 0.00	41.51 1.83 0.00	52.35 2.20 0.00	70.89 2.98 0.00	78.57 3.60 0.00	67.06 2.89 0.00	56.35 2.48 0.00	48.83 2.15 0.00	43.84 2.01 0.00
KCE_NY_6_ESR 323823	40.01 -3.29 0.00	37.78 -2.63 0.00	36.60 -2.50 0.00	36.51 -2.45 0.00	39.11 -2.50 0.00	44.80 -2.51 0.00	59.45 -2.93 0.00	68.81 -5.18 0.00	56.02 -3.38 0.00	41.86 -3.15 0.00	39.18 -2.81 0.00	36.38 -2.78 0.00	34.51 -2.64 0.00	33.33 -2.55 0.00	32.93 -2.52 0.00	34.09 -2.41 0.00	37.10 -2.58 0.00	46.58 -3.56 0.00	63.29 -4.62 0.00	69.27 -5.70 0.00	59.62 -4.55 0.00	49.45 -4.42 0.00	43.18 -3.50 0.00	39.36 -2.47 0.00
KEDC_PORT_JEFF_GT2 24210	47.00 3.20 -0.50	43.08 2.67 0.00	41.65 2.54 0.00	41.61 2.65 0.00	44.19 2.58 0.00	49.86 2.55 0.00	65.12 2.74 0.00	77.25 3.25 0.00	61.72 2.31 0.00	47.76 2.75 0.00	44.77 2.77 0.00	41.55 2.39 0.00	39.19 2.04 0.00	37.89 2.01 0.00	37.36 1.91 0.00	38.72 2.23 0.00	42.66 2.98 0.00	54.20 4.06 0.00	72.32 4.41 0.00	78.72 3.75 0.00	67.83 3.66 0.00	58.72 3.93 -0.92	50.14 3.45 -0.01	45.31 3.47 -0.01
KEDC_PORT_JEFF_GT3 24211	47.00 3.20 -0.50	43.08 2.67 0.00	41.65 2.54 0.00	41.61 2.65 0.00	44.19 2.58 0.00	49.86 2.55 0.00	65.12 2.74 0.00	77.25 3.25 0.00	61.72 2.31 0.00	47.76 2.75 0.00	44.77 2.77 0.00	41.55 2.39 0.00	39.19 2.04 0.00	37.89 2.01 0.00	37.36 1.91 0.00	38.72 2.23 0.00	42.66 2.98 0.00	54.20 4.06 0.00	72.32 4.41 0.00	78.72 3.75 0.00	67.83 3.66 0.00	58.72 3.93 -0.92	50.14 3.45 -0.01	45.31 3.47 -0.01
KEDC_GLWD_GT4 24219	46.40 2.60 -0.50	42.59 2.18 0.00	41.18 2.07 0.00	41.06 2.10 0.00	43.77 2.16 0.00	49.67 2.36 0.00	65.44 3.06 0.00	77.91 3.92 0.00	62.43 3.03 0.00	48.03 3.02 0.00	44.81 2.81 0.00	41.63 2.47 0.00	39.34 2.19 0.00	38.03 2.15 0.00	37.53 2.09 0.00	38.80 2.30 0.00	42.42 2.74 0.00	53.75 3.61 0.00	71.78 3.87 0.00	79.02 4.05 0.00	67.96 3.79 0.00	58.40 3.61 -0.92	49.86 3.18 -0.01	44.69 2.85 -0.01
KEDC_GLWD_GT5 24220	46.40 2.60 -0.50	42.59 2.18 0.00	41.18 2.07 0.00	41.06 2.10 0.00	43.77 2.16 0.00	49.67 2.36 0.00	65.44 3.06 0.00	77.91 3.92 0.00	62.43 3.03 0.00	48.03 3.02 0.00	44.81 2.81 0.00	41.63 2.47 0.00	39.34 2.19 0.00	38.03 2.15 0.00	37.53 2.09 0.00	38.80 2.30 0.00	42.42 2.74 0.00	53.75 3.61 0.00	71.78 3.87 0.00	79.02 4.05 0.00	67.96 3.79 0.00	58.40 3.61 -0.92	49.86 3.18 -0.01	44.69 2.85 -0.01

KENSICO____ 23655	45.16 1.86 0.00	42.07 1.66 0.00	40.67 1.56 0.00	40.52 1.56 0.00	43.31 1.71 0.00	49.30 1.99 0.00	65.06 2.68 0.00	77.40 3.40 0.00	62.08 2.67 0.00	47.49 2.48 0.00	44.10 2.10 0.00	41.16 2.00 0.00	38.97 1.82 0.00	37.74 1.87 0.00	37.25 1.81 0.00	38.32 1.82 0.00	41.71 2.02 0.00	52.75 2.61 0.00	70.76 2.85 0.00	78.35 3.37 0.00	67.06 2.89 0.00	56.40 2.53 0.00	48.92 2.24 0.00	43.80 1.97 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.21 1.91 0.00	42.11 1.70 0.00	40.75 1.64 0.00	40.60 1.64 0.00	43.35 1.75 0.00	49.39 2.08 0.00	65.44 3.06 0.00	77.77 3.77 0.00	62.25 2.85 0.00	47.22 2.21 0.00	43.72 1.72 0.00	40.77 1.61 0.00	38.56 1.41 0.00	37.35 1.47 0.00	36.86 1.42 0.00	37.96 1.46 0.00	41.35 1.67 0.00	52.50 2.36 0.00	70.96 3.06 0.00	78.72 3.75 0.00	67.51 3.34 0.00	56.56 2.69 0.00	49.01 2.33 0.00	43.76 1.92 0.00
KIAC_JFK_GT1 23816	45.16 1.86 0.00	42.03 1.62 0.00	40.63 1.53 0.00	40.44 1.48 0.00	43.23 1.62 0.00	49.25 1.94 0.00	64.81 2.43 0.00	77.32 3.33 0.00	62.08 2.67 0.00	47.89 2.88 0.00	44.47 2.48 0.00	41.48 2.31 0.00	39.30 2.15 0.00	38.15 2.26 -0.01	37.57 2.13 0.00	38.69 2.19 0.00	41.98 2.30 0.00	52.75 2.61 0.00	70.69 2.78 0.00	78.50 3.52 0.00	67.06 2.89 0.00	56.29 2.42 0.00	49.06 2.38 0.00	43.84 2.01 0.00
KIAC_JFK_GT2 23817	45.16 1.86 0.00	42.03 1.62 0.00	40.63 1.53 0.00	40.44 1.48 0.00	43.23 1.62 0.00	49.25 1.94 0.00	64.81 2.43 0.00	77.32 3.33 0.00	62.08 2.67 0.00	47.89 2.88 0.00	44.47 2.48 0.00	41.48 2.31 0.00	39.30 2.15 0.00	38.15 2.26 -0.01	37.57 2.13 0.00	38.69 2.19 0.00	41.98 2.30 0.00	52.75 2.61 0.00	70.69 2.78 0.00	78.50 3.52 0.00	67.06 2.89 0.00	56.29 2.42 0.00	49.06 2.38 0.00	43.84 2.01 0.00
KIAC_JFK____ 323774	44.99 1.69 0.00	41.86 1.45 0.00	40.51 1.41 0.00	40.32 1.36 0.00	43.10 1.50 0.00	48.63 1.32 0.00	64.62 2.24 0.00	77.25 3.25 0.00	62.01 2.61 0.00	47.89 2.88 0.00	44.56 2.56 0.00	41.59 2.43 0.00	39.38 2.23 0.00	38.15 2.26 -0.01	37.61 2.16 0.00	38.72 2.23 0.00	42.02 2.34 0.00	52.80 2.66 0.00	70.69 2.79 0.00	78.50 3.52 0.00	67.19 3.02 0.00	56.40 2.53 0.00	49.20 2.52 0.00	44.01 2.17 0.00
KINTIGH____ 23543	39.97 -3.33 0.00	37.46 -2.95 0.00	36.33 -2.78 0.00	36.16 -2.81 0.00	38.78 -2.83 0.00	44.14 -3.17 0.00	58.01 -4.37 0.00	67.85 -6.14 0.00	55.13 -4.28 0.00	41.27 -3.74 0.00	38.68 -3.32 0.00	35.91 -3.25 0.00	34.21 -2.93 0.00	32.90 -2.98 0.00	32.54 -2.91 0.00	33.76 -2.74 0.00	36.71 -2.98 0.00	45.83 -4.31 0.00	62.27 -5.64 0.00	68.15 -6.82 0.00	58.72 -5.45 0.00	48.91 -4.96 0.00	42.71 -3.97 0.00	38.82 -3.01 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	44.73 1.43 0.00	41.74 1.33 0.00	40.32 1.21 0.00	40.09 1.13 0.00	42.69 1.08 0.00	48.68 1.37 0.00	64.19 1.81 0.00	76.43 2.44 0.00	61.19 1.78 0.00	46.09 1.08 0.00	42.75 0.76 0.00	39.60 0.43 0.00	37.52 0.37 0.00	36.16 0.29 0.00	35.87 0.43 0.00	37.15 0.66 0.00	40.83 1.15 0.00	51.95 1.81 0.00	71.51 3.60 0.00	78.72 3.75 0.00	67.51 3.34 0.00	56.29 2.42 0.00	48.36 1.68 0.00	42.88 1.05 0.00
LACHUTE__HYDRO 323717	47.59 4.29 0.00	44.41 4.00 0.00	42.94 3.83 0.00	42.62 3.66 0.00	45.60 3.99 0.00	52.23 4.92 0.00	69.55 7.17 0.00	83.32 9.32 0.00	66.00 6.59 0.00	49.33 4.32 0.00	45.52 3.53 0.00	42.38 3.21 0.00	39.94 2.79 0.00	38.39 2.51 0.00	37.89 2.44 0.00	39.05 2.55 0.00	42.74 3.06 0.00	53.65 3.51 0.00	73.34 5.43 0.00	82.02 7.05 0.00	69.69 5.52 0.00	58.23 4.36 0.00	50.27 3.59 0.00	44.97 3.14 0.00
LAWRNCV_115KV_TB1 80681	43.78 0.48 0.00	40.85 0.44 0.00	39.50 0.39 0.00	39.31 0.35 0.00	41.73 0.12 0.00	47.50 0.19 0.00	62.26 -0.12 0.00	74.14 0.15 0.00	59.23 -0.18 0.00	44.65 -0.36 0.00	41.49 -0.50 0.00	38.54 -0.63 0.00	36.59 -0.56 0.00	35.34 -0.54 0.00	34.98 -0.46 0.00	36.06 -0.44 0.00	39.40 -0.28 0.00	49.89 -0.25 0.00	68.45 0.54 0.00	75.42 0.45 0.00	64.69 0.51 0.00	54.19 0.32 0.00	47.00 0.33 0.00	41.83 0.00 0.00
LEDERLE____ 23769	45.03 1.73 0.00	41.94 1.54 0.00	40.59 1.49 0.00	40.44 1.48 0.00	43.19 1.58 0.00	49.15 1.85 0.00	65.00 2.62 0.00	77.32 3.33 0.00	62.02 2.61 0.00	47.35 2.34 0.00	43.93 1.93 0.00	40.97 1.80 0.00	38.82 1.67 0.00	37.60 1.72 0.00	37.11 1.67 0.00	38.17 1.68 0.00	41.55 1.87 0.00	52.55 2.41 0.00	70.63 2.72 0.00	78.20 3.22 0.00	67.00 2.82 0.00	56.29 2.42 0.00	48.82 2.15 0.00	43.67 1.84 0.00
LIGHTHSE_115KV_TB6 355974	42.35 -0.95 0.00	39.52 -0.89 0.00	38.25 -0.86 0.00	38.14 -0.82 0.00	40.81 -0.79 0.00	46.32 -0.99 0.00	61.20 -1.19 0.00	72.74 -1.26 0.00	58.27 -1.13 0.00	43.75 -1.26 0.00	40.90 -1.09 0.00	38.11 -1.06 0.00	36.15 -1.00 0.00	34.84 -1.04 0.00	34.45 -0.99 0.00	35.47 -1.02 0.00	38.41 -1.27 0.00	48.69 -1.45 0.00	66.62 -1.29 0.00	73.70 -1.27 0.00	63.15 -1.03 0.00	52.79 -1.08 0.00	45.65 -1.03 0.00	40.87 -0.96 0.00
LINDEN COGEN____ 23786	44.86 1.56 0.00	41.78 1.37 0.00	40.39 1.29 0.00	40.25 1.28 0.00	43.02 1.42 0.00	48.78 1.47 0.00	56.92 2.24 7.70	66.77 3.18 10.40	58.38 2.55 3.57	47.53 2.52 0.00	44.26 2.27 0.00	41.32 2.15 0.00	38.93 1.78 0.00	37.86 1.97 -0.01	37.39 1.95 0.00	38.28 1.79 0.00	41.55 1.87 0.00	49.84 2.56 2.86	54.80 2.65 15.75	74.27 3.22 3.93	62.90 2.89 4.16	56.40 2.59 0.06	49.06 2.38 0.00	43.88 2.05 0.00
LINDHRST_69_KV_BK1 356055	46.99 3.20 -0.49	43.12 2.71 0.00	41.73 2.62 0.00	41.61 2.65 0.00	44.43 2.83 0.00	50.53 3.22 0.00	65.87 3.49 0.00	78.28 4.29 0.00	62.67 3.27 0.00	48.12 3.11 0.00	44.81 2.81 0.00	41.55 2.39 0.00	39.15 2.01 0.00	37.96 2.08 0.00	37.50 2.06 0.00	38.76 2.26 0.00	42.54 2.86 0.00	54.05 3.91 0.00	72.25 4.35 0.00	79.10 4.12 0.00	68.41 4.24 0.00	59.04 4.26 -0.91	50.32 3.64 0.00	45.05 3.22 0.00
LIPA_MISC_IPP 23656	47.08 3.29 -0.49	43.20 2.79 0.00	41.88 2.78 0.00	41.77 2.81 0.00	44.60 3.00 0.00	50.43 3.12 0.00	65.00 2.62 0.00	76.88 2.89 0.00	61.36 1.96 0.00	47.44 2.43 0.00	44.52 2.52 0.00	41.32 2.15 0.00	38.89 1.75 0.00	37.71 1.83 0.00	37.11 1.67 0.00	38.43 1.93 0.00	42.50 2.82 0.00	54.00 3.86 0.00	72.19 4.28 0.00	78.12 3.15 0.00	67.83 3.66 0.00	58.77 3.99 -0.91	50.22 3.55 0.00	45.18 3.35 0.00
LISF__SOLAR 323691	47.05 3.25 -0.50	43.12 2.71 0.00	41.65 2.54 0.00	41.65 2.69 0.00	44.14 2.54 0.00	49.72 2.41 0.00	64.81 2.43 0.00	76.65 2.66 0.00	61.13 1.72 0.00	47.44 2.43 0.00	44.64 2.65 0.00	41.40 2.23 0.00	39.01 1.86 0.00	37.71 1.83 0.00	37.11 1.67 0.00	38.50 2.01 0.00	42.58 2.90 0.00	54.10 3.96 0.00	72.26 4.35 0.00	78.27 3.30 0.00	67.44 3.27 0.00	58.62 3.83 -0.92	50.00 3.31 -0.01	45.35 3.51 -0.01

LITTLE FALLS___HYD 24013	44.21 0.91 0.00	41.14 0.73 0.00	39.65 0.55 0.00	39.35 0.39 0.00	41.94 0.33 0.00	47.64 0.33 0.00	62.82 0.44 0.00	74.73 0.74 0.00	60.00 0.59 0.00	45.51 0.50 0.00	42.50 0.50 0.00	39.79 0.63 0.00	37.82 0.67 0.00	36.60 0.72 0.00	36.19 0.74 0.00	37.30 0.80 0.00	40.56 0.87 0.00	51.34 1.20 0.00	69.67 1.77 0.00	77.00 2.02 0.00	65.91 1.73 0.00	55.27 1.40 0.00	47.94 1.26 0.00	42.92 1.09 0.00
LITTLRIV_115KV_TB1 356100	44.25 0.95 0.00	41.30 0.89 0.00	39.89 0.78 0.00	39.74 0.78 0.00	42.23 0.62 0.00	48.07 0.76 0.00	63.13 0.75 0.00	75.18 1.18 0.00	59.94 0.53 0.00	45.05 0.05 0.00	41.79 -0.21 0.00	38.81 -0.35 0.00	36.85 -0.30 0.00	35.56 -0.32 0.00	35.23 -0.21 0.00	36.31 -0.18 0.00	39.72 0.04 0.00	50.39 0.25 0.00	69.33 1.43 0.00	76.55 1.57 0.00	65.59 1.41 0.00	54.89 1.02 0.00	47.56 0.89 0.00	42.33 0.50 0.00
LI_NEWBRDGE___DRP 323616	46.22 2.42 -0.49	42.47 2.06 0.00	41.06 1.96 0.00	40.95 1.99 0.00	43.73 2.12 0.00	49.77 2.46 0.00	65.00 2.62 0.00	77.25 3.26 0.00	61.96 2.55 0.00	47.62 2.61 0.00	44.31 2.31 0.00	41.24 2.08 0.00	38.89 1.75 0.00	37.71 1.83 0.00	37.22 1.77 0.00	38.43 1.93 0.00	42.06 2.38 0.00	53.30 3.16 0.00	71.17 3.26 0.00	78.20 3.22 0.00	67.32 3.14 0.00	58.01 3.23 -0.91	49.48 2.80 0.00	44.30 2.47 0.00
LOCKPORT_115KV_TB60_63_64 80432	39.49 -3.81 0.00	37.06 -3.35 0.00	35.94 -3.17 0.00	35.81 -3.16 0.00	38.44 -3.16 0.00	43.81 -3.50 0.00	57.64 -4.74 0.00	67.26 -6.73 0.00	54.77 -4.63 0.00	40.87 -4.14 0.00	38.30 -3.70 0.00	35.48 -3.68 0.00	33.88 -3.27 0.00	32.51 -3.37 0.00	32.15 -3.30 0.00	33.43 -3.07 0.00	36.35 -3.33 0.00	45.38 -4.76 0.00	61.80 -6.11 0.00	67.55 -7.42 0.00	58.33 -5.84 0.00	48.38 -5.49 0.00	42.29 -4.39 0.00	38.53 -3.30 0.00
LOCKPORT___CC1 323769	39.36 -3.94 0.00	37.10 -3.31 0.00	35.94 -3.17 0.00	35.81 -3.15 0.00	38.44 -3.16 0.00	43.90 -3.41 0.00	58.14 -4.24 0.00	67.19 -6.81 0.00	54.65 -4.75 0.00	40.78 -4.23 0.00	38.17 -3.82 0.00	35.40 -3.76 0.00	33.62 -3.53 0.00	32.47 -3.41 0.00	32.08 -3.37 0.00	33.21 -3.28 0.00	36.15 -3.53 0.00	45.33 -4.81 0.00	61.73 -6.18 0.00	67.55 -7.42 0.00	58.08 -6.10 0.00	48.32 -5.55 0.00	42.29 -4.39 0.00	38.48 -3.35 0.00
LOCKPORT___CC2 323770	39.36 -3.94 0.00	37.10 -3.31 0.00	35.94 -3.17 0.00	35.81 -3.15 0.00	38.44 -3.16 0.00	43.90 -3.41 0.00	58.14 -4.24 0.00	67.19 -6.81 0.00	54.65 -4.75 0.00	40.78 -4.23 0.00	38.17 -3.82 0.00	35.40 -3.76 0.00	33.62 -3.53 0.00	32.47 -3.41 0.00	32.08 -3.37 0.00	33.21 -3.28 0.00	36.15 -3.53 0.00	45.33 -4.81 0.00	61.73 -6.18 0.00	67.55 -7.42 0.00	58.08 -6.10 0.00	48.32 -5.55 0.00	42.29 -4.39 0.00	38.48 -3.35 0.00
LOCKPORT___CC3 323771	39.36 -3.94 0.00	37.10 -3.31 0.00	35.94 -3.17 0.00	35.81 -3.15 0.00	38.44 -3.16 0.00	43.90 -3.41 0.00	58.14 -4.24 0.00	67.19 -6.81 0.00	54.65 -4.75 0.00	40.78 -4.23 0.00	38.17 -3.82 0.00	35.40 -3.76 0.00	33.62 -3.53 0.00	32.47 -3.41 0.00	32.08 -3.37 0.00	33.21 -3.28 0.00	36.15 -3.53 0.00	45.33 -4.81 0.00	61.73 -6.18 0.00	67.55 -7.42 0.00	58.08 -6.10 0.00	48.32 -5.55 0.00	42.29 -4.39 0.00	38.48 -3.35 0.00
LONG_LAKE_PHOENIX 24014	41.74 -1.56 0.00	38.95 -1.45 0.00	37.74 -1.37 0.00	37.64 -1.32 0.00	40.23 -1.37 0.00	45.70 -1.61 0.00	60.26 -2.12 0.00	71.40 -2.59 0.00	57.50 -1.90 0.00	43.34 -1.67 0.00	40.57 -1.43 0.00	37.79 -1.37 0.00	35.89 -1.26 0.00	34.59 -1.29 0.00	34.17 -1.28 0.00	35.22 -1.28 0.00	38.13 -1.55 0.00	48.09 -2.06 0.00	65.40 -2.51 0.00	72.20 -2.77 0.00	61.80 -2.37 0.00	51.82 -2.05 0.00	44.81 -1.87 0.00	40.24 -1.59 0.00
LOVETT___3 23632	44.86 1.56 0.00	41.78 1.37 0.00	40.44 1.33 0.00	40.29 1.32 0.00	43.02 1.41 0.00	48.96 1.66 0.00	64.69 2.31 0.00	76.88 2.89 0.00	61.66 2.26 0.00	47.13 2.12 0.00	43.76 1.76 0.00	40.85 1.68 0.00	38.67 1.52 0.00	37.49 1.61 0.00	36.97 1.52 0.00	38.07 1.57 0.00	41.39 1.71 0.00	52.35 2.21 0.00	70.22 2.31 0.00	77.75 2.77 0.00	66.61 2.44 0.00	56.03 2.15 0.00	48.59 1.91 0.00	43.50 1.67 0.00
LOVETT___4 23642	44.86 1.56 0.00	41.78 1.37 0.00	40.44 1.33 0.00	40.29 1.32 0.00	43.02 1.41 0.00	48.96 1.66 0.00	64.69 2.31 0.00	76.88 2.89 0.00	61.66 2.26 0.00	47.13 2.12 0.00	43.76 1.76 0.00	40.85 1.68 0.00	38.67 1.52 0.00	37.49 1.61 0.00	36.97 1.52 0.00	38.07 1.57 0.00	41.39 1.71 0.00	52.35 2.21 0.00	70.22 2.31 0.00	77.75 2.77 0.00	66.61 2.44 0.00	56.03 2.15 0.00	48.59 1.91 0.00	43.50 1.67 0.00
LOVETT___5 23593	44.86 1.56 0.00	41.78 1.37 0.00	40.44 1.33 0.00	40.29 1.32 0.00	43.02 1.41 0.00	48.96 1.66 0.00	64.69 2.31 0.00	76.88 2.89 0.00	61.66 2.26 0.00	47.13 2.12 0.00	43.76 1.76 0.00	40.85 1.68 0.00	38.67 1.52 0.00	37.49 1.61 0.00	36.97 1.52 0.00	38.07 1.57 0.00	41.39 1.71 0.00	52.35 2.21 0.00	70.22 2.31 0.00	77.75 2.77 0.00	66.61 2.44 0.00	56.03 2.15 0.00	48.59 1.91 0.00	43.50 1.67 0.00
LOWER RAQUET___HYD 24057	43.69 0.39 0.00	40.77 0.36 0.00	39.38 0.28 0.00	39.24 0.27 0.00	41.61 0.00 0.00	47.31 0.00 0.00	62.01 -0.37 0.00	73.85 -0.15 0.00	59.05 -0.35 0.00	44.47 -0.54 0.00	41.32 -0.67 0.00	38.38 -0.78 0.00	36.44 -0.71 0.00	35.16 -0.72 0.00	34.84 -0.60 0.00	35.95 -0.55 0.00	39.25 -0.44 0.00	49.74 -0.40 0.00	68.25 0.34 0.00	75.20 0.23 0.00	64.50 0.32 0.00	54.09 0.22 0.00	46.91 0.23 0.00	41.79 -0.04 0.00
LOWER___HUDSON 24059	45.20 1.90 0.00	42.15 1.74 0.00	40.79 1.68 0.00	40.60 1.64 0.00	43.35 1.75 0.00	49.25 1.94 0.00	64.94 2.56 0.00	77.10 3.11 0.00	61.78 2.38 0.00	46.99 1.98 0.00	43.89 1.89 0.00	40.97 1.80 0.00	38.78 1.63 0.00	37.42 1.54 0.00	36.93 1.49 0.00	37.99 1.50 0.00	41.39 1.71 0.00	52.20 2.06 0.00	70.35 2.44 0.00	77.75 2.78 0.00	66.48 2.31 0.00	56.03 2.16 0.00	48.59 1.91 0.00	43.67 1.84 0.00
LOWVILLE_115KV_TB2 356335	43.22 -0.09 0.00	40.33 -0.08 0.00	38.95 -0.16 0.00	38.85 -0.12 0.00	41.52 -0.08 0.00	47.26 -0.05 0.00	62.63 0.25 0.00	74.96 0.96 0.00	59.88 0.48 0.00	44.83 -0.18 0.00	41.66 -0.34 0.00	38.73 -0.43 0.00	36.74 -0.41 0.00	35.41 -0.47 0.00	35.27 -0.18 0.00	36.35 -0.15 0.00	39.64 -0.04 0.00	50.54 0.40 0.00	69.54 1.63 0.00	76.55 1.57 0.00	65.39 1.22 0.00	54.46 0.59 0.00	46.86 0.19 0.00	41.75 -0.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	45.73 2.42 0.00	42.63 2.22 0.00	41.22 2.11 0.00	41.03 2.06 0.00	43.81 2.21 0.00	49.58 2.27 0.00	65.50 3.12 0.00	77.91 3.92 0.00	62.14 2.73 0.00	46.99 1.98 0.00	43.63 1.64 0.00	40.73 1.57 0.00	38.52 1.37 0.00	37.17 1.29 0.00	36.68 1.24 0.00	37.70 1.20 0.00	41.19 1.51 0.00	52.30 2.16 0.00	70.83 2.92 0.00	78.50 3.52 0.00	67.00 2.82 0.00	56.35 2.48 0.00	49.20 2.52 0.00	44.13 2.30 0.00

LUTHERNY_35_KV_BK2 355980	45.73 2.42 0.00	42.67 2.26 0.00	41.26 2.15 0.00	41.03 2.06 0.00	43.85 2.25 0.00	49.58 2.27 0.00	65.56 3.18 0.00	77.99 4.00 0.00	62.20 2.79 0.00	47.04 2.03 0.00	43.68 1.68 0.00	40.73 1.57 0.00	38.52 1.37 0.00	37.17 1.29 0.00	36.68 1.24 0.00	37.74 1.24 0.00	41.19 1.51 0.00	52.30 2.16 0.00	70.90 2.99 0.00	78.57 3.60 0.00	67.00 2.82 0.00	56.40 2.53 0.00	49.20 2.52 0.00	44.17 2.34 0.00
LWR___OSWEGATCHIE_HYD 23850	43.17 -0.13 0.00	40.29 -0.12 0.00	38.91 -0.20 0.00	38.81 -0.16 0.00	41.27 -0.33 0.00	46.98 -0.33 0.00	61.94 -0.44 0.00	73.99 0.00 0.00	59.05 -0.36 0.00	44.29 -0.72 0.00	41.16 -0.84 0.00	38.22 -0.94 0.00	36.26 -0.89 0.00	34.98 -0.90 0.00	34.73 -0.71 0.00	35.80 -0.69 0.00	39.05 -0.63 0.00	49.64 -0.50 0.00	68.32 0.41 0.00	75.42 0.45 0.00	64.49 0.32 0.00	53.92 0.05 0.00	46.58 -0.09 0.00	41.50 -0.33 0.00
LYONS_FALL_HYD 23570	43.56 0.26 0.00	40.65 0.24 0.00	39.26 0.16 0.00	39.16 0.20 0.00	41.86 0.25 0.00	47.69 0.38 0.00	63.13 0.75 0.00	75.33 1.33 0.00	60.30 0.89 0.00	45.24 0.23 0.00	42.08 0.08 0.00	39.16 0.00 0.00	37.11 -0.04 0.00	35.81 -0.07 0.00	35.55 0.11 0.00	36.64 0.15 0.00	39.92 0.24 0.00	50.79 0.65 0.00	69.61 1.70 0.00	76.77 1.80 0.00	65.58 1.41 0.00	54.73 0.86 0.00	47.19 0.51 0.00	42.13 0.29 0.00
MADISON___COUNTY_LFGE 323628	43.95 0.65 0.00	41.02 0.61 0.00	39.65 0.55 0.00	39.55 0.58 0.00	42.31 0.71 0.00	48.16 0.85 0.00	63.82 1.43 0.00	75.84 1.85 0.00	60.77 1.37 0.00	45.64 0.63 0.00	42.50 0.50 0.00	39.56 0.39 0.00	37.52 0.37 0.00	36.20 0.32 0.00	35.80 0.35 0.00	36.86 0.36 0.00	40.12 0.44 0.00	50.94 0.80 0.00	69.67 1.77 0.00	77.00 2.02 0.00	65.84 1.67 0.00	55.06 1.19 0.00	47.56 0.89 0.00	42.54 0.71 0.00
MALONE___115KV_TB1 356076	44.25 0.95 0.00	41.30 0.89 0.00	39.89 0.78 0.00	39.74 0.78 0.00	42.27 0.67 0.00	48.25 0.95 0.00	63.57 1.19 0.00	75.77 1.78 0.00	60.59 1.19 0.00	45.69 0.68 0.00	42.37 0.38 0.00	39.32 0.16 0.00	37.30 0.15 0.00	35.99 0.11 0.00	35.66 0.21 0.00	36.82 0.33 0.00	40.32 0.63 0.00	51.09 0.95 0.00	70.22 2.31 0.00	77.30 2.32 0.00	66.36 2.18 0.00	55.38 1.51 0.00	47.75 1.07 0.00	42.46 0.63 0.00
MAPLEWOD_115KV_TB3 80458	45.16 1.86 0.00	42.11 1.70 0.00	40.75 1.64 0.00	40.56 1.60 0.00	43.35 1.75 0.00	49.25 1.94 0.00	65.00 2.62 0.00	77.03 3.03 0.00	61.72 2.32 0.00	46.90 1.89 0.00	43.72 1.72 0.00	40.85 1.68 0.00	38.67 1.52 0.00	37.38 1.51 0.00	36.90 1.45 0.00	37.92 1.42 0.00	41.35 1.67 0.00	52.25 2.11 0.00	70.49 2.58 0.00	77.82 2.85 0.00	66.55 2.37 0.00	56.08 2.21 0.00	48.64 1.96 0.00	43.71 1.88 0.00
MAPLE_RIDGE_WT_1 323574	42.48 -0.82 0.00	39.56 -0.85 0.00	38.28 -0.82 0.00	38.14 -0.82 0.00	40.73 -0.88 0.00	46.46 -0.85 0.00	61.45 -0.93 0.00	73.18 -0.81 0.00	58.93 -0.48 0.00	44.70 -0.31 0.00	41.75 -0.25 0.00	38.93 -0.23 0.00	36.93 -0.22 0.00	35.66 -0.21 0.00	35.30 -0.14 0.00	36.39 -0.11 0.00	39.64 -0.04 0.00	50.19 0.05 0.00	68.18 0.27 0.00	75.12 0.15 0.00	64.17 0.00 0.00	53.66 -0.21 0.00	46.26 -0.42 0.00	41.16 -0.67 0.00
MAPLE_RIDGE_WT_2 323611	42.48 -0.82 0.00	39.56 -0.85 0.00	38.28 -0.82 0.00	38.14 -0.82 0.00	40.73 -0.88 0.00	46.46 -0.85 0.00	61.45 -0.93 0.00	73.18 -0.81 0.00	58.93 -0.48 0.00	44.70 -0.31 0.00	41.75 -0.25 0.00	38.93 -0.23 0.00	36.93 -0.22 0.00	35.66 -0.21 0.00	35.30 -0.14 0.00	36.39 -0.11 0.00	39.64 -0.04 0.00	50.19 0.05 0.00	68.18 0.27 0.00	75.12 0.15 0.00	64.17 0.00 0.00	53.66 -0.21 0.00	46.26 -0.42 0.00	41.16 -0.67 0.00
MARBLE_RIVER_WT_PWR 323696	44.51 1.21 0.00	41.50 1.09 0.00	40.08 0.98 0.00	39.86 0.90 0.00	42.35 0.75 0.00	48.21 0.90 0.00	63.50 1.12 0.00	75.47 1.48 0.00	60.53 1.13 0.00	45.59 0.58 0.00	42.29 0.30 0.00	39.13 -0.04 0.00	37.00 -0.15 0.00	35.66 -0.21 0.00	35.41 -0.04 0.00	36.75 0.26 0.00	40.52 0.83 0.00	51.70 1.56 0.00	71.17 3.26 0.00	78.27 3.30 0.00	67.19 3.02 0.00	55.97 2.10 0.00	48.03 1.35 0.00	42.50 0.67 0.00
MARSHVLE_115KV_TB1 80742	45.60 2.29 0.00	42.51 2.10 0.00	41.10 1.99 0.00	40.87 1.91 0.00	43.73 2.12 0.00	49.67 2.37 0.00	66.12 3.74 0.00	78.95 4.96 0.00	62.25 2.85 0.00	46.14 1.13 0.00	42.75 0.76 0.00	39.75 0.59 0.00	37.74 0.59 0.00	36.42 0.54 0.00	35.90 0.46 0.00	37.01 0.51 0.00	40.75 1.07 0.00	52.25 2.11 0.00	71.51 3.60 0.00	79.62 4.65 0.00	67.83 3.66 0.00	57.16 3.29 0.00	49.38 2.71 0.00	44.09 2.26 0.00
MARSH_HILL_WT_PWR 323713	39.80 -3.51 0.00	36.81 -3.60 0.00	35.78 -3.32 0.00	35.81 -3.15 0.00	38.65 -2.95 0.00	44.42 -2.89 0.00	59.26 -3.12 0.00	70.14 -3.85 0.00	56.55 -2.85 0.00	42.18 -2.83 0.00	39.60 -2.39 0.00	36.82 -2.35 0.00	35.03 -2.12 0.00	33.83 -2.04 0.00	33.46 -1.98 0.00	34.52 -1.97 0.00	37.66 -2.02 0.00	47.84 -2.31 0.00	66.01 -1.90 0.00	72.80 -2.18 0.00	62.25 -1.92 0.00	51.71 -2.16 0.00	44.58 -2.10 0.00	39.99 -1.84 0.00
MCINTYRE_115KV_TB2 80467	44.64 1.34 0.00	41.66 1.25 0.00	40.24 1.13 0.00	40.09 1.13 0.00	42.65 1.04 0.00	48.63 1.32 0.00	63.88 1.50 0.00	75.99 2.00 0.00	60.41 1.01 0.00	45.37 0.36 0.00	42.08 0.08 0.00	39.09 -0.08 0.00	37.11 -0.04 0.00	35.81 -0.07 0.00	35.48 0.04 0.00	36.61 0.11 0.00	40.04 0.36 0.00	50.79 0.65 0.00	69.95 2.04 0.00	77.30 2.32 0.00	66.29 2.12 0.00	55.43 1.56 0.00	47.94 1.26 0.00	42.67 0.84 0.00
MECO_____69_KV_BK1 80468	46.46 3.16 0.00	43.32 2.91 0.00	41.84 2.74 0.00	41.61 2.65 0.00	44.52 2.91 0.00	50.71 3.41 0.00	67.50 5.12 0.00	80.65 6.66 0.00	63.68 4.28 0.00	47.22 2.21 0.00	43.68 1.68 0.00	40.57 1.41 0.00	38.49 1.34 0.00	37.13 1.26 0.00	36.65 1.21 0.00	37.74 1.24 0.00	41.51 1.83 0.00	53.20 3.06 0.00	72.87 4.96 0.00	81.27 6.30 0.00	69.11 4.94 0.00	58.07 4.20 0.00	50.18 3.50 0.00	44.80 2.97 0.00
MENANDS___115KV_TB5 355628	45.12 1.82 0.00	42.07 1.66 0.00	40.71 1.60 0.00	40.52 1.56 0.00	43.27 1.66 0.00	49.20 1.89 0.00	64.88 2.50 0.00	76.88 2.89 0.00	61.60 2.20 0.00	46.86 1.85 0.00	43.68 1.68 0.00	40.85 1.68 0.00	38.67 1.52 0.00	37.38 1.51 0.00	36.86 1.42 0.00	37.88 1.39 0.00	41.31 1.63 0.00	52.15 2.01 0.00	70.29 2.38 0.00	77.60 2.62 0.00	66.36 2.18 0.00	55.97 2.10 0.00	48.54 1.87 0.00	43.63 1.80 0.00
MG INDUSTRY___DRP 24185	44.99 1.69 0.00	41.94 1.54 0.00	40.59 1.49 0.00	40.40 1.44 0.00	43.19 1.58 0.00	49.11 1.80 0.00	64.75 2.37 0.00	76.80 2.81 0.00	61.42 2.02 0.00	46.50 1.49 0.00	43.26 1.26 0.00	40.38 1.21 0.00	38.26 1.11 0.00	36.95 1.08 0.00	36.47 1.03 0.00	37.48 0.99 0.00	40.83 1.15 0.00	51.75 1.60 0.00	70.01 2.11 0.00	77.45 2.47 0.00	66.23 2.05 0.00	55.76 1.89 0.00	48.36 1.68 0.00	43.42 1.59 0.00

MID___OSWEGATCHIE_HYD 23849	43.17 -0.13 0.00	40.29 -0.12 0.00	38.91 -0.20 0.00	38.81 -0.16 0.00	41.27 -0.33 0.00	46.98 -0.33 0.00	61.94 -0.44 0.00	73.99 0.00 0.00	59.05 -0.36 0.00	44.29 -0.72 0.00	41.16 -0.84 0.00	38.22 -0.94 0.00	36.26 -0.89 0.00	34.98 -0.90 0.00	34.73 -0.71 0.00	35.80 -0.69 0.00	39.05 -0.63 0.00	49.64 -0.50 0.00	68.32 0.41 0.00	75.42 0.45 0.00	64.49 0.32 0.00	53.92 0.05 0.00	46.58 -0.09 0.00	41.50 -0.33 0.00
MID___RAQUETTE_HYD 23851	43.69 0.39 0.00	40.77 0.36 0.00	39.38 0.27 0.00	39.23 0.27 0.00	41.61 0.00 0.00	47.31 0.00 0.00	62.07 -0.31 0.00	73.92 -0.07 0.00	59.05 -0.36 0.00	44.47 -0.54 0.00	41.32 -0.67 0.00	38.38 -0.78 0.00	36.41 -0.74 0.00	35.16 -0.72 0.00	34.84 -0.60 0.00	35.91 -0.58 0.00	39.25 -0.44 0.00	49.74 -0.40 0.00	68.25 0.34 0.00	75.27 0.30 0.00	64.49 0.32 0.00	54.09 0.22 0.00	46.91 0.23 0.00	41.79 -0.04 0.00
MILLIKEN___1 23584	43.22 -0.09 0.00	40.29 -0.12 0.00	38.99 -0.12 0.00	38.88 -0.08 0.00	41.69 0.08 0.00	47.40 0.09 0.00	62.82 0.44 0.00	74.51 0.52 0.00	59.82 0.42 0.00	44.87 -0.14 0.00	41.74 -0.25 0.00	38.77 -0.39 0.00	36.81 -0.33 0.00	35.48 -0.39 0.00	35.05 -0.39 0.00	36.17 -0.33 0.00	39.33 -0.36 0.00	49.89 -0.25 0.00	68.25 0.34 0.00	75.42 0.45 0.00	64.49 0.32 0.00	53.98 0.11 0.00	46.58 -0.09 0.00	41.79 -0.04 0.00
MILLIKEN___2 23585	43.22 -0.09 0.00	40.29 -0.12 0.00	38.99 -0.12 0.00	38.88 -0.08 0.00	41.69 0.08 0.00	47.40 0.09 0.00	62.82 0.44 0.00	74.51 0.52 0.00	59.82 0.42 0.00	44.87 -0.14 0.00	41.74 -0.25 0.00	38.77 -0.39 0.00	36.81 -0.33 0.00	35.48 -0.39 0.00	35.05 -0.39 0.00	36.17 -0.33 0.00	39.33 -0.36 0.00	49.89 -0.25 0.00	68.25 0.34 0.00	75.42 0.45 0.00	64.49 0.32 0.00	53.98 0.11 0.00	46.58 -0.09 0.00	41.79 -0.04 0.00
MILLIKEN___DIESEL 23629	43.22 -0.09 0.00	40.29 -0.12 0.00	38.99 -0.12 0.00	38.88 -0.08 0.00	41.69 0.08 0.00	47.40 0.09 0.00	62.82 0.44 0.00	74.51 0.52 0.00	59.82 0.42 0.00	44.87 -0.14 0.00	41.74 -0.25 0.00	38.77 -0.39 0.00	36.81 -0.33 0.00	35.48 -0.39 0.00	35.05 -0.39 0.00	36.17 -0.33 0.00	39.33 -0.36 0.00	49.89 -0.25 0.00	68.25 0.34 0.00	75.42 0.45 0.00	64.49 0.32 0.00	53.98 0.11 0.00	46.58 -0.09 0.00	41.79 -0.04 0.00
MILLSEAT___LFGE 323607	40.40 -2.90 0.00	38.02 -2.38 0.00	36.84 -2.27 0.00	36.74 -2.22 0.00	39.44 -2.17 0.00	45.13 -2.18 0.00	59.95 -2.43 0.00	69.48 -4.52 0.00	56.44 -2.97 0.00	41.90 -3.11 0.00	39.10 -2.90 0.00	36.19 -2.98 0.00	34.36 -2.79 0.00	33.12 -2.76 0.00	32.75 -2.70 0.00	33.94 -2.56 0.00	36.98 -2.70 0.00	46.63 -3.51 0.00	63.70 -4.21 0.00	69.95 -5.02 0.00	60.06 -4.11 0.00	49.94 -3.93 0.00	43.55 -3.13 0.00	39.40 -2.43 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.03 1.73 0.00	42.03 1.62 0.00	40.59 1.49 0.00	40.44 1.48 0.00	43.19 1.58 0.00	49.15 1.85 0.00	64.88 2.50 0.00	77.17 3.18 0.00	61.90 2.49 0.00	47.31 2.30 0.00	43.93 1.93 0.00	41.01 1.84 0.00	38.82 1.67 0.00	37.60 1.72 0.00	37.11 1.67 0.00	38.21 1.72 0.00	41.55 1.87 0.00	52.55 2.41 0.00	70.49 2.58 0.00	78.05 3.07 0.00	66.87 2.70 0.00	56.24 2.37 0.00	48.78 2.10 0.00	43.67 1.84 0.00
MILLWOOD_13_KV_LOAD 356217	45.12 1.82 0.00	42.11 1.70 0.00	40.63 1.53 0.00	40.52 1.56 0.00	43.27 1.66 0.00	49.25 1.94 0.00	65.06 2.68 0.00	77.32 3.33 0.00	62.08 2.67 0.00	47.40 2.39 0.00	43.97 1.97 0.00	41.04 1.88 0.00	38.82 1.67 0.00	37.64 1.76 0.00	37.15 1.70 0.00	38.25 1.75 0.00	41.63 1.94 0.00	52.65 2.51 0.00	70.69 2.78 0.00	78.27 3.30 0.00	67.06 2.89 0.00	56.35 2.48 0.00	48.87 2.19 0.00	43.71 1.88 0.00
MODEL_CITY_ENERGY 24167	39.06 -4.24 0.00	36.81 -3.60 0.00	35.66 -3.44 0.00	35.53 -3.43 0.00	38.11 -3.49 0.00	43.52 -3.79 0.00	57.58 -4.80 0.00	66.44 -7.55 0.00	54.06 -5.35 0.00	40.37 -4.64 0.00	37.80 -4.20 0.00	35.09 -4.07 0.00	33.28 -3.86 0.00	32.15 -3.73 0.00	31.76 -3.69 0.00	32.88 -3.61 0.00	35.83 -3.85 0.00	44.88 -5.26 0.00	60.98 -6.93 0.00	66.73 -8.25 0.00	57.37 -6.80 0.00	47.78 -6.09 0.00	41.82 -4.86 0.00	38.11 -3.72 0.00
MODERN_LFGE___ 323580	39.06 -4.24 0.00	36.81 -3.60 0.00	35.66 -3.44 0.00	35.53 -3.43 0.00	38.11 -3.49 0.00	43.52 -3.79 0.00	57.58 -4.80 0.00	66.44 -7.55 0.00	54.06 -5.35 0.00	40.37 -4.64 0.00	37.80 -4.20 0.00	35.09 -4.07 0.00	33.28 -3.86 0.00	32.15 -3.73 0.00	31.76 -3.69 0.00	32.88 -3.61 0.00	35.83 -3.85 0.00	44.88 -5.26 0.00	60.98 -6.93 0.00	66.73 -8.25 0.00	57.37 -6.80 0.00	47.78 -6.09 0.00	41.82 -4.86 0.00	38.11 -3.72 0.00
MOHAWK_PAPER___DRP 24187	45.16 1.86 0.00	42.11 1.70 0.00	40.75 1.64 0.00	40.56 1.60 0.00	43.35 1.75 0.00	49.25 1.94 0.00	65.00 2.62 0.00	77.03 3.03 0.00	61.72 2.32 0.00	46.90 1.89 0.00	43.72 1.72 0.00	40.85 1.68 0.00	38.67 1.52 0.00	37.38 1.51 0.00	36.90 1.45 0.00	37.92 1.42 0.00	41.35 1.67 0.00	52.25 2.11 0.00	70.49 2.58 0.00	77.82 2.85 0.00	66.55 2.37 0.00	56.08 2.21 0.00	48.64 1.96 0.00	43.71 1.88 0.00
MOHICAN___35_KV_115KV_LD 80490	46.25 2.94 0.00	43.12 2.71 0.00	41.69 2.58 0.00	41.46 2.49 0.00	44.35 2.75 0.00	49.63 2.32 0.00	65.75 3.37 0.00	78.43 4.44 0.00	62.37 2.97 0.00	47.04 2.03 0.00	43.51 1.51 0.00	40.57 1.41 0.00	38.34 1.19 0.00	36.95 1.08 0.00	36.47 1.03 0.00	37.52 1.02 0.00	41.03 1.35 0.00	52.15 2.01 0.00	70.90 2.99 0.00	78.80 3.82 0.00	67.06 2.89 0.00	56.40 2.53 0.00	49.76 3.08 0.00	44.63 2.80 0.00
MONGAUP___HYD 23641	44.43 1.12 0.00	41.91 1.50 0.00	40.55 1.45 0.00	40.40 1.44 0.00	43.10 1.50 0.00	48.40 1.09 0.00	63.87 1.49 0.00	75.91 1.92 0.00	60.59 1.19 0.00	45.91 0.90 0.00	43.34 1.34 0.00	40.46 1.29 0.00	38.30 1.15 0.00	37.03 1.15 0.00	36.58 1.13 0.00	37.70 1.20 0.00	41.03 1.35 0.00	51.14 1.00 0.00	69.27 1.36 0.00	76.85 1.88 0.00	65.91 1.73 0.00	55.33 1.46 0.00	48.22 1.54 0.00	43.59 1.76 0.00
MONTAUK___DIESEL 23721	47.56 3.77 -0.49	43.92 3.52 0.00	42.86 3.75 0.00	42.86 3.90 0.00	45.72 4.12 0.00	51.71 4.40 0.00	66.37 3.99 0.00	78.21 4.22 0.00	61.96 2.55 0.00	47.62 2.61 0.00	44.22 2.23 0.00	40.77 1.61 0.00	38.26 1.11 0.00	37.06 1.18 0.00	36.47 1.03 0.00	37.85 1.35 0.00	42.06 2.38 0.00	53.90 3.76 0.00	72.80 4.89 0.00	78.80 3.82 0.00	68.67 4.49 0.00	59.74 4.96 -0.91	51.16 4.48 0.00	46.27 4.43 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.27 -4.03 0.00	36.97 -3.43 0.00	35.78 -3.32 0.00	35.81 -3.16 0.00	38.61 -3.00 0.00	44.61 -2.70 0.00	60.01 -2.37 0.00	70.59 -3.40 0.00	57.86 -1.54 0.00	43.52 -1.49 0.00	40.78 -1.22 0.00	37.79 -1.37 0.00	36.03 -1.11 0.00	34.55 -1.33 0.00	34.10 -1.35 0.00	35.40 -1.09 0.00	38.41 -1.27 0.00	48.29 -1.86 0.00	65.60 -2.31 0.00	71.67 -3.30 0.00	61.35 -2.82 0.00	50.26 -3.61 0.00	43.32 -3.36 0.00	39.15 -2.68 0.00

MORRIS_RIDGE___SOLAR 323848	39.58 -3.72 0.00	37.01 -3.39 0.00	35.90 -3.21 0.00	35.88 -3.08 0.00	38.57 -3.04 0.00	44.33 -2.98 0.00	58.95 -3.43 0.00	69.26 -4.74 0.00	55.90 -3.50 0.00	41.55 -3.46 0.00	38.80 -3.19 0.00	36.07 -3.09 0.00	34.32 -2.82 0.00	33.15 -2.73 0.00	32.75 -2.70 0.00	33.80 -2.70 0.00	36.82 -2.86 0.00	46.63 -3.51 0.00	64.31 -3.60 0.00	70.85 -4.12 0.00	60.64 -3.53 0.00	50.42 -3.45 0.00	43.64 -3.03 0.00	39.32 -2.51 0.00
MORTIMER_115KV_TB3 55949	41.01 -2.29 0.00	38.35 -2.06 0.00	37.19 -1.92 0.00	37.05 -1.91 0.00	39.73 -1.87 0.00	45.23 -2.08 0.00	59.64 -2.74 0.00	70.15 -3.85 0.00	56.85 -2.55 0.00	42.53 -2.48 0.00	39.77 -2.23 0.00	36.89 -2.27 0.00	35.14 -2.01 0.00	33.80 -2.08 0.00	33.42 -2.02 0.00	34.63 -1.86 0.00	37.62 -2.06 0.00	47.28 -2.86 0.00	64.38 -3.53 0.00	70.77 -4.20 0.00	60.77 -3.40 0.00	50.69 -3.18 0.00	44.02 -2.66 0.00	39.74 -2.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.34 2.04 0.00	42.23 1.82 0.00	40.83 1.72 0.00	40.68 1.71 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.31 2.93 0.00	77.77 3.77 0.00	62.43 3.03 0.00	47.85 2.84 0.00	44.43 2.44 0.00	41.48 2.31 0.00	39.27 2.12 0.00	38.08 2.19 -0.02	37.53 2.09 0.00	38.65 2.15 0.00	41.98 2.30 0.00	53.05 2.91 0.00	71.03 3.12 0.00	78.72 3.75 0.00	67.38 3.21 0.00	56.67 2.80 0.00	49.15 2.47 0.00	44.01 2.18 0.00
MUNSVILLE_WIND_PWR 323609	45.47 2.16 0.00	42.39 1.98 0.00	40.82 1.72 0.00	40.67 1.71 0.00	43.64 2.04 0.00	49.86 2.55 0.00	66.81 4.43 0.00	79.39 5.40 0.00	63.32 3.92 0.00	46.86 1.85 0.00	43.30 1.30 0.00	40.07 0.90 0.00	38.00 0.86 0.00	36.60 0.72 0.00	36.26 0.82 0.00	37.52 1.02 0.00	41.07 1.39 0.00	52.75 2.61 0.00	73.27 5.36 0.00	81.27 6.30 0.00	69.37 5.20 0.00	57.64 3.77 0.00	49.57 2.90 0.00	44.21 2.38 0.00
N SALMON___HYD 24042	44.25 0.95 0.00	41.30 0.89 0.00	39.89 0.78 0.00	39.70 0.74 0.00	42.27 0.66 0.00	48.21 0.90 0.00	63.56 1.18 0.00	75.62 1.63 0.00	60.59 1.19 0.00	45.69 0.68 0.00	42.42 0.42 0.00	39.32 0.16 0.00	37.30 0.15 0.00	36.02 0.14 0.00	35.66 0.21 0.00	36.82 0.33 0.00	40.28 0.60 0.00	51.09 0.95 0.00	70.22 2.31 0.00	77.22 2.25 0.00	66.36 2.18 0.00	55.38 1.51 0.00	47.75 1.07 0.00	42.46 0.63 0.00
N.AKRON__115KV_KNAPP 355671	40.36 -2.94 0.00	37.82 -2.59 0.00	36.68 -2.42 0.00	36.55 -2.42 0.00	39.32 -2.29 0.00	44.85 -2.46 0.00	59.20 -3.18 0.00	69.26 -4.74 0.00	56.26 -3.15 0.00	41.86 -3.15 0.00	39.10 -2.90 0.00	36.19 -2.98 0.00	34.51 -2.64 0.00	33.12 -2.76 0.00	32.75 -2.69 0.00	34.05 -2.45 0.00	37.10 -2.58 0.00	46.48 -3.66 0.00	63.49 -4.41 0.00	69.65 -5.32 0.00	60.00 -4.17 0.00	49.78 -4.09 0.00	43.36 -3.31 0.00	39.32 -2.51 0.00
N.BELMOR_69_KV_BK1 55787	46.52 2.73 -0.49	42.71 2.30 0.00	41.34 2.23 0.00	41.18 2.22 0.00	43.98 2.37 0.00	50.10 2.79 0.00	65.50 3.12 0.00	77.91 3.92 0.00	62.43 3.03 0.00	47.94 2.93 0.00	44.64 2.65 0.00	41.48 2.31 0.00	39.12 1.97 0.00	37.92 2.05 0.00	37.43 1.98 0.00	38.65 2.15 0.00	42.30 2.62 0.00	53.65 3.51 0.00	71.71 3.80 0.00	78.87 3.90 0.00	67.96 3.79 0.00	58.50 3.72 -0.91	49.85 3.17 0.00	44.59 2.76 0.00
N.E_GEN_SANDY PD 24062	46.10 1.78 -1.02	43.70 1.62 -1.67	44.43 1.57 -3.76	43.09 1.56 -2.57	44.26 1.62 -1.03	49.06 1.75 0.00	65.23 2.24 -0.61	76.04 2.66 0.61	60.85 2.14 0.68	47.72 2.03 -0.68	43.97 1.97 0.00	41.50 1.92 -0.42	39.00 1.78 -0.07	37.60 1.72 0.00	37.11 1.67 0.00	38.18 1.68 0.00	41.51 1.83 0.00	53.52 2.20 -1.17	69.85 2.38 0.44	76.71 2.47 0.74	66.36 2.18 0.00	56.03 2.16 0.00	48.50 1.96 0.13	43.89 1.93 -0.13
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	44.90 1.60 0.00	41.82 1.41 0.00	40.47 1.37 0.00	40.33 1.36 0.00	43.06 1.46 0.00	49.01 1.70 0.00	64.81 2.43 0.00	77.03 3.03 0.00	61.78 2.38 0.00	47.17 2.16 0.00	43.80 1.81 0.00	40.85 1.68 0.00	38.71 1.56 0.00	37.49 1.61 0.00	36.97 1.52 0.00	38.07 1.57 0.00	41.43 1.75 0.00	52.40 2.26 0.00	70.35 2.44 0.00	77.90 2.92 0.00	66.74 2.57 0.00	56.13 2.26 0.00	48.64 1.96 0.00	43.55 1.72 0.00
N.QUEENS_27_KV_LOAD 356247	45.65 2.34 -0.01	42.48 2.06 -0.01	40.99 1.88 -0.01	40.84 1.87 -0.01	43.73 2.12 0.00	49.48 2.18 0.00	65.00 2.62 0.00	77.32 3.33 0.00	62.25 2.85 0.00	47.89 2.88 0.00	44.43 2.44 0.00	41.55 2.39 0.01	39.30 2.15 0.01	38.25 2.37 -0.01	37.61 2.16 -0.01	38.72 2.23 0.00	41.98 2.30 0.00	52.95 2.81 0.00	70.63 2.72 0.00	78.35 3.37 0.00	67.00 2.82 0.00	56.35 2.48 0.00	49.15 2.47 0.00	44.17 2.34 0.00
N.TROY___115KV_TB1 355778	45.25 1.95 0.00	42.19 1.78 0.00	40.83 1.72 0.00	40.64 1.68 0.00	43.39 1.79 0.00	49.30 1.99 0.00	64.94 2.56 0.00	76.95 2.96 0.00	61.66 2.26 0.00	46.86 1.85 0.00	43.68 1.68 0.00	40.81 1.64 0.00	38.63 1.49 0.00	37.28 1.40 0.00	36.79 1.35 0.00	37.85 1.35 0.00	41.27 1.59 0.00	52.20 2.06 0.00	70.35 2.44 0.00	77.67 2.70 0.00	66.42 2.25 0.00	56.03 2.15 0.00	48.68 2.01 0.00	43.80 1.97 0.00
NARROWS_GT1_1 24228	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NARROWS_GT1_2 24229	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NARROWS_GT1_3 24230	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NARROWS_GT1_4 24231	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50

NARROWS_GT1_5 24232	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NARROWS_GT1_6 24233	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NARROWS_GT1_7 24234	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NARROWS_GT1_8 24235	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NARROWS_GT2_1 24236	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NARROWS_GT2_2 24237	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NARROWS_GT2_3 24238	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NARROWS_GT2_4 24239	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NARROWS_GT2_5 24240	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NARROWS_GT2_6 24241	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NARROWS_GT2_7 24242	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NARROWS_GT2_8 24243	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.03 2.73 0.00	42.91 2.51 0.00	41.53 2.42 0.00	41.34 2.38 0.00	44.14 2.54 0.00	50.24 2.93 0.00	66.62 4.24 0.00	79.02 5.03 0.00	62.85 3.45 0.00	47.22 2.21 0.00	43.68 1.68 0.00	40.69 1.53 0.00	38.49 1.34 0.00	37.21 1.33 0.00	36.72 1.28 0.00	37.77 1.28 0.00	41.31 1.63 0.00	52.60 2.46 0.00	71.58 3.67 0.00	79.40 4.42 0.00	67.90 3.72 0.00	57.05 3.18 0.00	49.48 2.80 0.00	44.30 2.47 0.00
NCHELSEA_115KV_TR2 355582	45.34 2.04 0.00	42.27 1.86 0.00	40.87 1.76 0.00	40.75 1.79 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.50 3.12 0.00	77.84 3.85 0.00	62.43 3.03 0.00	47.49 2.48 0.00	43.97 1.97 0.00	41.01 1.84 0.00	38.78 1.63 0.00	37.60 1.72 0.00	37.11 1.67 0.00	38.17 1.68 0.00	41.59 1.90 0.00	52.70 2.56 0.00	71.03 3.12 0.00	78.72 3.75 0.00	67.45 3.27 0.00	56.62 2.75 0.00	49.10 2.43 0.00	43.88 2.05 0.00
NEG CAPITAL___MECHNVIL 23645	45.73 2.42 0.00	42.63 2.22 0.00	41.22 2.11 0.00	41.03 2.06 0.00	43.81 2.20 0.00	49.91 2.60 0.00	66.00 3.62 0.00	78.58 4.59 0.00	62.79 3.38 0.00	47.48 2.47 0.00	44.18 2.18 0.00	41.20 2.04 0.00	39.01 1.86 0.00	37.60 1.72 0.00	37.11 1.67 0.00	38.18 1.68 0.00	41.63 1.94 0.00	52.55 2.41 0.00	71.17 3.26 0.00	78.79 3.82 0.00	67.25 3.08 0.00	56.56 2.69 0.00	48.96 2.29 0.00	43.96 2.13 0.00

NEG CENTRAL_HIGH_ACRES 23767	40.66 -2.64 0.00	38.06 -2.34 0.00	36.84 -2.27 0.00	36.74 -2.22 0.00	39.40 -2.21 0.00	44.90 -2.41 0.00	59.45 -2.93 0.00	69.70 -4.29 0.00	56.38 -3.03 0.00	42.22 -2.79 0.00	39.39 -2.60 0.00	36.54 -2.62 0.00	34.70 -2.45 0.00	33.44 -2.44 0.00	33.07 -2.37 0.00	34.20 -2.30 0.00	37.18 -2.50 0.00	46.93 -3.21 0.00	63.97 -3.94 0.00	70.40 -4.58 0.00	60.26 -3.92 0.00	50.31 -3.56 0.00	43.69 -2.99 0.00	39.28 -2.55 0.00
NEG CENTRAL____DRP 24199	42.13 -1.17 0.00	39.32 -1.09 0.00	38.05 -1.06 0.00	37.99 -0.97 0.00	40.73 -0.87 0.00	46.36 -0.95 0.00	61.26 -1.12 0.00	72.59 -1.41 0.00	58.57 -0.83 0.00	43.88 -1.13 0.00	40.95 -1.05 0.00	38.03 -1.14 0.00	36.11 -1.04 0.00	34.80 -1.08 0.00	34.38 -1.06 0.00	35.51 -0.99 0.00	38.57 -1.11 0.00	48.84 -1.30 0.00	66.55 -1.36 0.00	73.47 -1.50 0.00	62.83 -1.35 0.00	52.63 -1.24 0.00	45.46 -1.21 0.00	40.83 -1.00 0.00
NEG CENTRAL____INDECK 23768	41.61 -1.69 0.00	38.87 -1.54 0.00	37.70 -1.41 0.00	37.64 -1.32 0.00	40.48 -1.12 0.00	46.41 -0.90 0.00	61.82 -0.56 0.00	72.29 -1.70 0.00	57.98 -1.43 0.00	42.85 -2.16 0.00	39.86 -2.14 0.00	36.93 -2.23 0.00	35.03 -2.12 0.00	33.80 -2.08 0.00	33.42 -2.02 0.00	34.56 -1.94 0.00	37.74 -1.94 0.00	47.99 -2.15 0.00	66.48 -1.43 0.00	73.70 -1.27 0.00	63.14 -1.03 0.00	52.53 -1.34 0.00	45.42 -1.26 0.00	40.70 -1.13 0.00
NEG CENTRAL____SENECA 23627	42.05 -1.26 0.00	39.20 -1.21 0.00	37.97 -1.13 0.00	37.87 -1.09 0.00	40.69 -0.92 0.00	46.41 -0.90 0.00	61.32 -1.06 0.00	72.59 -1.41 0.00	58.69 -0.71 0.00	43.84 -1.17 0.00	40.82 -1.18 0.00	37.87 -1.29 0.00	36.00 -1.15 0.00	34.66 -1.22 0.00	34.27 -1.17 0.00	35.44 -1.06 0.00	38.53 -1.15 0.00	48.79 -1.35 0.00	66.62 -1.29 0.00	73.47 -1.50 0.00	62.89 -1.28 0.00	52.69 -1.19 0.00	45.46 -1.21 0.00	40.83 -1.00 0.00
NEG CENTRAL____STATE_STREET 24147	42.39 -0.91 0.00	39.60 -0.81 0.00	38.32 -0.78 0.00	38.22 -0.74 0.00	40.94 -0.67 0.00	46.55 -0.76 0.00	61.57 -0.81 0.00	72.96 -1.04 0.00	58.69 -0.71 0.00	44.20 -0.81 0.00	41.24 -0.76 0.00	38.34 -0.82 0.00	36.41 -0.74 0.00	35.12 -0.75 0.00	34.70 -0.74 0.00	35.80 -0.69 0.00	38.85 -0.83 0.00	49.14 -1.00 0.00	66.96 -0.95 0.00	73.92 -1.05 0.00	63.27 -0.90 0.00	52.90 -0.97 0.00	45.74 -0.93 0.00	41.04 -0.79 0.00
NEG MILLWOOD____DRP 24198	45.47 2.17 0.00	42.35 1.94 0.00	40.98 1.88 0.00	40.83 1.87 0.00	43.60 2.00 0.00	49.67 2.37 0.00	65.69 3.31 0.00	78.21 4.22 0.00	62.67 3.27 0.00	47.62 2.61 0.00	44.10 2.10 0.00	41.20 2.04 0.00	38.89 1.75 0.00	37.67 1.79 0.00	37.22 1.77 0.00	38.28 1.79 0.00	41.75 2.06 0.00	52.95 2.81 0.00	71.24 3.33 0.00	79.10 4.12 0.00	67.70 3.53 0.00	56.83 2.96 0.00	49.24 2.57 0.00	44.01 2.18 0.00
NEG NORTH_FLCN_SEA 23793	44.69 1.39 0.00	41.66 1.25 0.00	40.28 1.17 0.00	40.05 1.09 0.00	42.60 1.00 0.00	48.54 1.23 0.00	64.00 1.62 0.00	76.14 2.15 0.00	60.95 1.54 0.00	45.96 0.95 0.00	42.63 0.63 0.00	39.48 0.31 0.00	37.37 0.22 0.00	36.06 0.18 0.00	35.76 0.32 0.00	37.04 0.55 0.00	40.75 1.07 0.00	51.85 1.70 0.00	71.24 3.33 0.00	78.50 3.52 0.00	67.32 3.14 0.00	56.13 2.26 0.00	48.22 1.54 0.00	42.75 0.92 0.00
NEG NORTH_KES_CHATEGAY 23792	43.86 0.56 0.00	40.89 0.48 0.00	39.54 0.43 0.00	39.35 0.39 0.00	41.94 0.33 0.00	47.78 0.47 0.00	62.88 0.50 0.00	74.81 0.81 0.00	59.88 0.48 0.00	45.23 0.23 0.00	42.04 0.04 0.00	39.05 -0.12 0.00	37.00 -0.15 0.00	35.73 -0.14 0.00	35.37 -0.07 0.00	36.57 0.07 0.00	40.04 0.36 0.00	50.84 0.70 0.00	69.61 1.70 0.00	76.70 1.72 0.00	65.78 1.60 0.00	54.95 1.08 0.00	47.33 0.65 0.00	42.12 0.29 0.00
NEG NORTH____ALICE_FALLS 23915	44.73 1.43 0.00	41.74 1.33 0.00	40.32 1.21 0.00	40.09 1.13 0.00	42.69 1.08 0.00	48.68 1.37 0.00	64.19 1.81 0.00	76.43 2.44 0.00	61.19 1.78 0.00	46.09 1.08 0.00	42.75 0.76 0.00	39.60 0.43 0.00	37.52 0.37 0.00	36.16 0.29 0.00	35.87 0.43 0.00	37.15 0.66 0.00	40.83 1.15 0.00	51.95 1.81 0.00	71.51 3.60 0.00	78.72 3.75 0.00	67.51 3.34 0.00	56.29 2.42 0.00	48.36 1.68 0.00	42.88 1.05 0.00
NEG NORTH____LWR_SARANAC 23913	44.73 1.43 0.00	41.74 1.33 0.00	40.32 1.21 0.00	40.09 1.13 0.00	42.69 1.08 0.00	48.68 1.37 0.00	64.19 1.81 0.00	76.43 2.44 0.00	61.19 1.78 0.00	46.09 1.08 0.00	42.75 0.76 0.00	39.60 0.43 0.00	37.52 0.37 0.00	36.16 0.29 0.00	35.87 0.43 0.00	37.15 0.66 0.00	40.83 1.15 0.00	51.95 1.81 0.00	71.51 3.60 0.00	78.72 3.75 0.00	67.51 3.34 0.00	56.29 2.42 0.00	48.36 1.68 0.00	42.88 1.05 0.00
NEG NORTH____PLATTSBURG 23628	44.73 1.43 0.00	41.70 1.29 0.00	40.28 1.17 0.00	40.09 1.13 0.00	42.69 1.08 0.00	48.68 1.37 0.00	64.19 1.81 0.00	76.29 2.30 0.00	61.18 1.78 0.00	46.09 1.08 0.00	42.75 0.76 0.00	39.60 0.43 0.00	37.52 0.37 0.00	36.20 0.32 0.00	35.87 0.43 0.00	37.19 0.69 0.00	40.83 1.15 0.00	51.94 1.80 0.00	71.51 3.60 0.00	78.65 3.67 0.00	67.51 3.33 0.00	56.30 2.43 0.00	48.36 1.68 0.00	42.88 1.05 0.00
NEG WEST_LEA_LOCKPORT 23791	39.49 -3.81 0.00	37.01 -3.39 0.00	35.90 -3.21 0.00	35.77 -3.19 0.00	38.40 -3.20 0.00	43.81 -3.50 0.00	57.58 -4.80 0.00	67.19 -6.81 0.00	54.71 -4.69 0.00	40.87 -4.14 0.00	38.26 -3.74 0.00	35.52 -3.64 0.00	33.88 -3.27 0.00	32.51 -3.37 0.00	32.15 -3.30 0.00	33.39 -3.10 0.00	36.35 -3.33 0.00	45.33 -4.81 0.00	61.73 -6.18 0.00	67.55 -7.42 0.00	58.27 -5.90 0.00	48.38 -5.49 0.00	42.29 -4.39 0.00	38.53 -3.30 0.00
NEG WEST____LANCASTER 23811	40.31 -2.99 0.00	37.86 -2.55 0.00	36.68 -2.42 0.00	36.59 -2.38 0.00	39.23 -2.37 0.00	44.85 -2.46 0.00	59.39 -2.99 0.00	69.33 -4.66 0.00	56.37 -3.03 0.00	42.17 -2.84 0.00	39.43 -2.56 0.00	36.58 -2.58 0.00	34.88 -2.27 0.00	33.51 -2.37 0.00	33.14 -2.30 0.00	34.42 -2.08 0.00	37.38 -2.30 0.00	46.88 -3.26 0.00	63.70 -4.21 0.00	69.80 -5.17 0.00	60.19 -3.98 0.00	49.83 -4.04 0.00	43.36 -3.31 0.00	39.53 -2.30 0.00
NEG_PENN_ALLEGHNY 23528	42.57 -0.74 0.00	39.80 -0.61 0.00	38.52 -0.59 0.00	38.42 -0.55 0.00	41.11 -0.50 0.00	46.84 -0.47 0.00	62.07 -0.31 0.00	73.33 -0.67 0.00	59.05 -0.35 0.00	44.47 -0.54 0.00	41.41 -0.59 0.00	38.54 -0.63 0.00	36.55 -0.60 0.00	35.30 -0.58 0.00	34.88 -0.57 0.00	35.95 -0.55 0.00	39.05 -0.64 0.00	49.39 -0.75 0.00	67.16 -0.75 0.00	74.08 -0.90 0.00	63.41 -0.77 0.00	53.12 -0.75 0.00	45.98 -0.70 0.00	41.37 -0.46 0.00
NEG____GEN_MONROE 24207	41.01 -2.29 0.00	38.39 -2.02 0.00	37.23 -1.88 0.00	37.09 -1.87 0.00	39.86 -1.75 0.00	45.46 -1.85 0.00	59.95 -2.43 0.00	70.37 -3.63 0.00	56.91 -2.49 0.00	42.44 -2.57 0.00	39.60 -2.39 0.00	36.70 -2.47 0.00	34.96 -2.19 0.00	33.62 -2.26 0.00	33.25 -2.20 0.00	34.45 -2.04 0.00	37.46 -2.22 0.00	47.08 -3.06 0.00	64.24 -3.67 0.00	70.77 -4.20 0.00	60.84 -3.34 0.00	50.69 -3.18 0.00	44.06 -2.61 0.00	39.82 -2.01 0.00

NEPA__ENERGY 23901	40.27 -3.03 0.00	37.82 -2.59 0.00	36.68 -2.42 0.00	36.55 -2.42 0.00	39.23 -2.37 0.00	44.85 -2.46 0.00	59.70 -2.68 0.00	69.78 -4.22 0.00	56.79 -2.61 0.00	42.53 -2.48 0.00	39.77 -2.23 0.00	36.89 -2.27 0.00	35.18 -1.97 0.00	33.83 -2.05 0.00	33.39 -2.06 0.00	34.67 -1.82 0.00	37.66 -2.02 0.00	47.23 -2.91 0.00	64.17 -3.73 0.00	70.25 -4.72 0.00	60.45 -3.72 0.00	50.05 -3.82 0.00	43.41 -3.27 0.00	39.53 -2.30 0.00
NEVERSink__HYD 23608	45.04 1.73 0.00	41.98 1.57 0.00	40.63 1.52 0.00	40.48 1.52 0.00	43.23 1.62 0.00	49.11 1.80 0.00	65.25 2.87 0.00	77.62 3.62 0.00	62.20 2.79 0.00	47.17 2.16 0.00	43.76 1.76 0.00	40.81 1.64 0.00	38.60 1.45 0.00	37.31 1.44 0.00	36.82 1.38 0.00	37.96 1.46 0.00	41.31 1.63 0.00	52.45 2.31 0.00	70.97 3.06 0.00	78.72 3.75 0.00	67.44 3.27 0.00	56.56 2.69 0.00	49.01 2.33 0.00	43.80 1.97 0.00
NEWKRMKL_115KV_TB1 55635	45.12 1.82 0.00	42.07 1.66 0.00	40.71 1.60 0.00	40.52 1.56 0.00	43.27 1.66 0.00	49.25 1.94 0.00	65.00 2.62 0.00	77.10 3.11 0.00	61.72 2.32 0.00	46.90 1.89 0.00	43.68 1.68 0.00	40.81 1.64 0.00	38.63 1.49 0.00	37.35 1.47 0.00	36.86 1.42 0.00	37.88 1.39 0.00	41.27 1.59 0.00	52.20 2.06 0.00	70.42 2.51 0.00	77.82 2.85 0.00	66.55 2.37 0.00	56.03 2.15 0.00	48.59 1.91 0.00	43.63 1.80 0.00
NEWTON__FALLS_HYD 23847	43.17 -0.13 0.00	40.29 -0.12 0.00	38.91 -0.20 0.00	38.81 -0.16 0.00	41.27 -0.33 0.00	46.98 -0.33 0.00	61.94 -0.44 0.00	73.99 0.00 0.00	59.05 -0.36 0.00	44.29 -0.72 0.00	41.16 -0.84 0.00	38.22 -0.94 0.00	36.26 -0.89 0.00	34.98 -0.90 0.00	34.73 -0.71 0.00	35.80 -0.69 0.00	39.05 -0.63 0.00	49.64 -0.50 0.00	68.32 0.41 0.00	75.42 0.45 0.00	64.49 0.32 0.00	53.92 0.05 0.00	46.58 -0.09 0.00	41.50 -0.33 0.00
NGRID_A1_DSASP 323792	39.06 -4.24 0.00	36.77 -3.64 0.00	35.66 -3.44 0.00	35.49 -3.47 0.00	38.07 -3.54 0.00	43.43 -3.88 0.00	57.33 -5.05 0.00	66.08 -7.92 0.00	53.82 -5.59 0.00	40.24 -4.77 0.00	37.71 -4.28 0.00	35.01 -4.15 0.00	33.21 -3.94 0.00	32.07 -3.80 0.00	31.69 -3.76 0.00	32.81 -3.68 0.00	35.71 -3.97 0.00	44.68 -5.46 0.00	60.64 -7.27 0.00	66.28 -8.70 0.00	57.05 -7.13 0.00	47.51 -6.36 0.00	41.64 -5.04 0.00	38.03 -3.81 0.00
NGRID_A2_DSASP 323793	39.06 -4.24 0.00	36.77 -3.64 0.00	35.66 -3.44 0.00	35.49 -3.47 0.00	38.07 -3.54 0.00	43.43 -3.88 0.00	57.33 -5.05 0.00	66.08 -7.92 0.00	53.82 -5.59 0.00	40.24 -4.77 0.00	37.71 -4.28 0.00	35.01 -4.15 0.00	33.21 -3.94 0.00	32.07 -3.80 0.00	31.69 -3.76 0.00	32.81 -3.68 0.00	35.71 -3.97 0.00	44.68 -5.46 0.00	60.64 -7.27 0.00	66.28 -8.70 0.00	57.05 -7.13 0.00	47.51 -6.36 0.00	41.64 -5.04 0.00	38.03 -3.81 0.00
NGRID_A4_DSASP 323807	39.06 -4.24 0.00	36.77 -3.64 0.00	35.66 -3.44 0.00	35.49 -3.47 0.00	38.07 -3.54 0.00	43.43 -3.88 0.00	57.33 -5.05 0.00	66.08 -7.92 0.00	53.82 -5.59 0.00	40.24 -4.77 0.00	37.71 -4.28 0.00	35.01 -4.15 0.00	33.21 -3.94 0.00	32.07 -3.80 0.00	31.69 -3.76 0.00	32.81 -3.68 0.00	35.71 -3.97 0.00	44.68 -5.46 0.00	60.64 -7.27 0.00	66.28 -8.70 0.00	57.05 -7.13 0.00	47.51 -6.36 0.00	41.64 -5.04 0.00	38.03 -3.81 0.00
NIAGARA_115E_LBMP 323715	38.88 -4.42 0.00	36.61 -3.80 0.00	35.51 -3.60 0.00	35.38 -3.58 0.00	37.90 -3.70 0.00	43.29 -4.02 0.00	57.20 -5.18 0.00	66.00 -7.99 0.00	53.70 -5.70 0.00	40.15 -4.86 0.00	37.59 -4.41 0.00	34.90 -4.27 0.00	33.10 -4.05 0.00	31.97 -3.91 0.00	31.58 -3.86 0.00	32.70 -3.80 0.00	35.63 -4.05 0.00	44.57 -5.57 0.00	60.57 -7.34 0.00	66.28 -8.70 0.00	56.99 -7.19 0.00	47.46 -6.41 0.00	41.54 -5.13 0.00	37.90 -3.93 0.00
NIAGARA_115W_LBMP 323714	38.97 -4.33 0.00	36.69 -3.72 0.00	35.59 -3.52 0.00	35.46 -3.51 0.00	37.99 -3.62 0.00	43.33 -3.97 0.00	57.20 -5.18 0.00	65.93 -8.06 0.00	53.70 -5.70 0.00	40.15 -4.86 0.00	37.63 -4.37 0.00	34.93 -4.23 0.00	33.17 -3.97 0.00	32.04 -3.84 0.00	31.65 -3.79 0.00	32.74 -3.76 0.00	35.68 -4.01 0.00	44.57 -5.57 0.00	60.51 -7.40 0.00	66.13 -8.85 0.00	56.92 -7.25 0.00	47.40 -6.47 0.00	41.54 -5.13 0.00	37.94 -3.89 0.00
NIAGARA_230_LBMP 323716	39.36 -3.94 0.00	37.06 -3.35 0.00	35.90 -3.21 0.00	35.77 -3.19 0.00	38.32 -3.29 0.00	43.71 -3.60 0.00	57.76 -4.62 0.00	66.67 -7.33 0.00	54.18 -5.23 0.00	40.55 -4.46 0.00	38.01 -3.99 0.00	35.29 -3.88 0.00	33.51 -3.64 0.00	32.36 -3.51 0.00	31.93 -3.51 0.00	33.06 -3.43 0.00	35.99 -3.69 0.00	45.03 -5.12 0.00	61.18 -6.72 0.00	66.87 -8.10 0.00	57.50 -6.68 0.00	47.94 -5.93 0.00	42.01 -4.67 0.00	38.32 -3.51 0.00
NIAGARA__115KV_198_GIBSON 55903	39.06 -4.24 0.00	36.65 -3.76 0.00	35.55 -3.56 0.00	35.38 -3.58 0.00	37.94 -3.66 0.00	43.19 -4.12 0.00	56.64 -5.74 0.00	66.00 -7.99 0.00	53.76 -5.64 0.00	40.24 -4.77 0.00	37.71 -4.28 0.00	35.01 -4.15 0.00	33.40 -3.75 0.00	32.07 -3.80 0.00	31.72 -3.72 0.00	32.96 -3.54 0.00	35.83 -3.85 0.00	44.58 -5.57 0.00	60.57 -7.33 0.00	66.13 -8.85 0.00	57.11 -7.06 0.00	47.46 -6.41 0.00	41.59 -5.09 0.00	37.98 -3.85 0.00
NIAGARA____ 23760	39.36 -3.94 0.00	37.06 -3.35 0.00	35.90 -3.21 0.00	35.77 -3.19 0.00	38.32 -3.29 0.00	43.71 -3.60 0.00	57.76 -4.62 0.00	66.67 -7.33 0.00	54.18 -5.23 0.00	40.55 -4.46 0.00	38.01 -3.99 0.00	35.29 -3.88 0.00	33.51 -3.64 0.00	32.36 -3.51 0.00	31.93 -3.51 0.00	33.06 -3.43 0.00	35.99 -3.69 0.00	45.03 -5.12 0.00	61.18 -6.72 0.00	66.87 -8.10 0.00	57.50 -6.68 0.00	47.94 -5.93 0.00	42.01 -4.67 0.00	38.32 -3.51 0.00
NINE_MILE_1 23575	41.57 -1.73 0.00	38.83 -1.58 0.00	37.62 -1.49 0.00	37.48 -1.48 0.00	40.07 -1.54 0.00	45.56 -1.75 0.00	59.88 -2.50 0.00	70.81 -3.18 0.00	56.91 -2.49 0.00	43.03 -1.98 0.00	40.23 -1.76 0.00	37.48 -1.68 0.00	35.59 -1.56 0.00	34.37 -1.51 0.00	33.96 -1.49 0.00	35.00 -1.50 0.00	37.94 -1.75 0.00	47.84 -2.31 0.00	64.92 -2.99 0.00	71.60 -3.37 0.00	61.29 -2.89 0.00	51.39 -2.48 0.00	44.53 -2.15 0.00	39.99 -1.84 0.00
NINE_MILE_2 23744	41.57 -1.73 0.00	38.83 -1.58 0.00	37.62 -1.49 0.00	37.48 -1.48 0.00	40.07 -1.54 0.00	45.56 -1.75 0.00	59.88 -2.50 0.00	70.81 -3.18 0.00	56.91 -2.49 0.00	43.03 -1.98 0.00	40.23 -1.76 0.00	37.48 -1.68 0.00	35.59 -1.56 0.00	34.37 -1.51 0.00	33.96 -1.49 0.00	35.00 -1.50 0.00	37.94 -1.75 0.00	47.84 -2.31 0.00	64.92 -2.99 0.00	71.68 -3.30 0.00	61.29 -2.89 0.00	51.39 -2.48 0.00	44.53 -2.15 0.00	39.99 -1.84 0.00
NM_CAPITAL__DRP 24208	45.08 1.78 0.00	42.03 1.62 0.00	40.67 1.56 0.00	40.52 1.56 0.00	43.27 1.66 0.00	49.15 1.85 0.00	64.81 2.43 0.00	76.80 2.81 0.00	61.60 2.20 0.00	46.81 1.80 0.00	43.68 1.68 0.00	40.81 1.64 0.00	38.63 1.49 0.00	37.35 1.47 0.00	36.86 1.42 0.00	37.88 1.39 0.00	41.27 1.59 0.00	52.15 2.01 0.00	70.22 2.31 0.00	77.60 2.62 0.00	66.36 2.18 0.00	55.92 2.05 0.00	48.50 1.82 0.00	43.59 1.76 0.00

NM_CENTRAL___DRP 24181	42.09 -1.21 0.00	39.28 -1.13 0.00	38.05 -1.06 0.00	37.95 -1.01 0.00	40.61 -1.00 0.00	46.13 -1.18 0.00	60.88 -1.50 0.00	72.14 -1.85 0.00	58.10 -1.31 0.00	43.79 -1.22 0.00	40.99 -1.01 0.00	38.15 -1.02 0.00	36.22 -0.93 0.00	34.95 -0.93 0.00	34.52 -0.92 0.00	35.58 -0.91 0.00	38.53 -1.15 0.00	48.64 -1.50 0.00	66.08 -1.83 0.00	72.95 -2.02 0.00	62.44 -1.73 0.00	52.31 -1.56 0.00	45.28 -1.40 0.00	40.66 -1.17 0.00
NM_FRONTIER___DRP 24179	39.06 -4.24 0.00	36.65 -3.76 0.00	35.55 -3.56 0.00	35.38 -3.58 0.00	37.94 -3.66 0.00	43.19 -4.12 0.00	56.64 -5.74 0.00	66.00 -7.99 0.00	53.76 -5.64 0.00	40.24 -4.77 0.00	37.71 -4.28 0.00	35.01 -4.15 0.00	33.40 -3.75 0.00	32.07 -3.80 0.00	31.72 -3.72 0.00	32.96 -3.54 0.00	35.83 -3.85 0.00	44.58 -5.57 0.00	60.57 -7.33 0.00	66.13 -8.85 0.00	57.11 -7.06 0.00	47.46 -6.41 0.00	41.59 -5.09 0.00	37.98 -3.85 0.00
NM_ST_REGIS___HYD 24053	43.86 0.56 0.00	40.93 0.53 0.00	39.58 0.47 0.00	39.39 0.43 0.00	41.81 0.21 0.00	47.59 0.28 0.00	62.51 0.12 0.00	74.44 0.44 0.00	59.52 0.12 0.00	44.83 -0.18 0.00	41.62 -0.38 0.00	38.66 -0.51 0.00	36.67 -0.48 0.00	35.41 -0.47 0.00	35.05 -0.39 0.00	36.17 -0.33 0.00	39.56 -0.12 0.00	50.14 0.00 0.00	68.86 0.95 0.00	75.87 0.90 0.00	65.07 0.90 0.00	54.46 0.59 0.00	47.19 0.51 0.00	41.96 0.13 0.00
NORTHPORT___1 23551	46.61 2.81 -0.50	42.75 2.34 0.00	41.37 2.27 0.00	41.26 2.30 0.00	43.89 2.29 0.00	49.58 2.27 0.00	65.06 2.68 0.00	77.10 3.11 0.00	61.84 2.44 0.00	47.76 2.75 0.00	44.64 2.65 0.00	41.47 2.31 0.00	39.12 1.97 0.00	37.81 1.94 0.00	37.36 1.91 0.00	38.72 2.23 0.00	42.46 2.78 0.00	53.80 3.66 0.00	71.64 3.73 0.00	78.35 3.38 0.00	67.57 3.40 0.00	58.34 3.55 -0.92	49.86 3.18 -0.01	44.94 3.10 -0.01
NORTHPORT___2 23552	46.61 2.81 -0.50	42.75 2.34 0.00	41.37 2.27 0.00	41.26 2.30 0.00	43.89 2.29 0.00	49.58 2.27 0.00	65.06 2.68 0.00	77.10 3.11 0.00	61.84 2.44 0.00	47.76 2.75 0.00	44.64 2.65 0.00	41.47 2.31 0.00	39.12 1.97 0.00	37.81 1.94 0.00	37.36 1.91 0.00	38.72 2.23 0.00	42.46 2.78 0.00	53.80 3.66 0.00	71.64 3.73 0.00	78.35 3.38 0.00	67.57 3.40 0.00	58.34 3.55 -0.92	49.86 3.18 -0.01	44.94 3.10 -0.01
NORTHPORT___3 23553	46.09 2.29 -0.50	42.27 1.86 0.00	40.91 1.80 0.00	40.79 1.83 0.00	43.43 1.83 0.00	49.25 1.94 0.00	64.12 1.74 0.00	76.14 2.15 0.00	61.06 1.66 0.00	47.53 2.52 0.00	44.35 2.35 0.00	41.24 2.07 0.00	38.93 1.78 0.00	37.64 1.76 0.00	37.15 1.70 0.00	38.43 1.93 0.00	42.06 2.38 0.00	53.35 3.21 0.00	70.42 2.51 0.00	77.30 2.33 0.00	66.67 2.50 0.00	57.75 2.96 -0.92	49.44 2.75 -0.01	44.43 2.59 -0.01
NORTHPORT___4 23650	46.09 2.29 -0.50	42.27 1.86 0.00	40.91 1.80 0.00	40.79 1.83 0.00	43.43 1.83 0.00	49.25 1.94 0.00	64.12 1.74 0.00	76.14 2.15 0.00	61.06 1.66 0.00	47.53 2.52 0.00	44.35 2.35 0.00	41.24 2.07 0.00	38.93 1.78 0.00	37.64 1.76 0.00	37.15 1.70 0.00	38.43 1.93 0.00	42.06 2.38 0.00	53.35 3.21 0.00	70.42 2.51 0.00	77.30 2.33 0.00	66.67 2.50 0.00	57.75 2.96 -0.92	49.44 2.75 -0.01	44.43 2.59 -0.01
NORTHPORT___IC 23718	46.73 2.94 -0.49	42.95 2.55 0.00	41.57 2.46 0.00	41.49 2.53 0.00	44.23 2.62 0.00	50.24 2.93 0.00	65.31 2.93 0.00	77.47 3.48 0.00	62.08 2.67 0.00	47.80 2.79 0.00	44.56 2.56 0.00	41.40 2.23 0.00	39.01 1.86 0.00	37.85 1.97 0.00	37.39 1.95 0.00	38.65 2.15 0.00	42.46 2.78 0.00	53.75 3.61 0.00	71.71 3.80 0.00	78.35 3.37 0.00	67.70 3.53 0.00	58.50 3.72 -0.91	49.99 3.31 0.00	44.80 2.97 0.00
NORTH___COUNTRY_ESR 323785	43.73 0.43 0.00	40.77 0.36 0.00	39.42 0.31 0.00	39.24 0.27 0.00	41.81 0.21 0.00	47.59 0.29 0.00	62.69 0.31 0.00	74.51 0.52 0.00	59.76 0.36 0.00	45.15 0.14 0.00	42.00 0.00 0.00	39.01 -0.16 0.00	36.96 -0.18 0.00	35.70 -0.18 0.00	35.34 -0.11 0.00	36.50 0.00 0.00	39.96 0.28 0.00	50.69 0.55 0.00	69.34 1.43 0.00	76.32 1.35 0.00	65.46 1.28 0.00	54.73 0.86 0.00	47.19 0.51 0.00	41.96 0.13 0.00
NPX_GEN_1385_PROXY 323591	46.44 2.64 -0.50	42.71 2.30 0.00	41.29 2.19 0.00	41.26 2.30 0.00	43.73 2.12 0.00	49.11 1.80 0.00	65.17 2.18 -0.61	75.08 1.70 0.61	60.50 1.78 0.68	48.21 2.52 -0.68	44.26 2.27 0.00	41.20 2.04 0.00	38.86 1.71 0.00	37.57 1.69 0.00	37.36 1.91 0.00	38.83 2.34 0.00	42.62 2.94 0.00	54.83 3.51 -1.17	70.25 2.79 0.44	76.11 1.88 0.74	66.55 2.38 0.00	57.86 3.07 -0.92	49.45 2.90 0.12	44.90 2.93 -0.14
NPX_GEN_CSC 323557	47.09 3.29 -0.50	43.20 2.79 0.00	41.69 2.58 0.00	41.73 2.77 0.00	44.14 2.54 0.00	49.63 2.32 0.00	65.17 2.18 -0.61	75.53 2.15 0.61	60.02 1.31 0.68	48.03 2.34 -0.68	44.69 2.69 0.00	41.47 2.31 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.08 1.63 0.00	38.47 1.97 0.00	42.62 2.94 0.00	55.38 4.06 -1.17	71.95 4.48 0.44	77.16 2.92 0.74	67.19 3.02 0.00	58.62 3.83 -0.92	49.87 3.31 0.12	45.57 3.60 -0.14
NSINS_S___GLNS_FALLS 23858	46.25 2.94 0.00	43.16 2.75 0.00	41.73 2.62 0.00	41.49 2.53 0.00	44.35 2.75 0.00	49.53 2.22 0.00	65.44 3.06 0.00	78.14 4.14 0.00	62.14 2.73 0.00	46.86 1.85 0.00	43.30 1.30 0.00	40.38 1.21 0.00	38.15 1.00 0.00	36.77 0.90 0.00	36.29 0.85 0.00	37.30 0.80 0.00	40.75 1.07 0.00	52.05 1.91 0.00	70.76 2.85 0.00	78.65 3.67 0.00	67.00 2.82 0.00	56.35 2.48 0.00	49.76 3.08 0.00	44.63 2.80 0.00
NUCOR_STEEL___DRP 24197	42.57 -0.74 0.00	39.72 -0.69 0.00	38.48 -0.63 0.00	38.38 -0.58 0.00	41.11 -0.50 0.00	46.69 -0.62 0.00	61.76 -0.62 0.00	73.18 -0.81 0.00	58.87 -0.53 0.00	44.29 -0.72 0.00	41.32 -0.67 0.00	38.42 -0.74 0.00	36.48 -0.67 0.00	35.16 -0.72 0.00	34.73 -0.71 0.00	35.84 -0.66 0.00	38.89 -0.79 0.00	49.14 -1.00 0.00	66.96 -0.95 0.00	73.92 -1.05 0.00	63.27 -0.90 0.00	52.95 -0.92 0.00	45.79 -0.89 0.00	41.12 -0.71 0.00
NUMBER_THREE_WT_PWR 323818	43.17 -0.13 0.00	40.29 -0.12 0.00	38.91 -0.19 0.00	38.77 -0.19 0.00	41.44 -0.17 0.00	47.21 -0.09 0.00	62.51 0.13 0.00	74.81 0.82 0.00	59.76 0.36 0.00	44.74 -0.27 0.00	41.58 -0.42 0.00	38.70 -0.47 0.00	36.66 -0.48 0.00	35.34 -0.54 0.00	35.23 -0.21 0.00	36.31 -0.18 0.00	39.60 -0.08 0.00	50.44 0.30 0.00	69.47 1.56 0.00	76.47 1.50 0.00	65.26 1.09 0.00	54.35 0.48 0.00	46.77 0.09 0.00	41.66 -0.17 0.00
NYISO_LBMP_REFERENCE 24008	43.30 0.00 0.00	40.41 0.00 0.00	39.11 0.00 0.00	38.96 0.00 0.00	41.61 0.00 0.00	47.31 0.00 0.00	62.38 0.00 0.00	73.99 0.00 0.00	59.40 0.00 0.00	45.01 0.00 0.00	42.00 0.00 0.00	39.16 0.00 0.00	37.15 0.00 0.00	35.88 0.00 0.00	35.44 0.00 0.00	36.50 0.00 0.00	39.68 0.00 0.00	50.14 0.00 0.00	67.91 0.00 0.00	74.97 0.00 0.00	64.17 0.00 0.00	53.87 0.00 0.00	46.68 0.00 0.00	41.83 0.00 0.00

NYPA_BRENTWD____GT 24164	47.00 3.20 -0.50	43.12 2.71 0.00	41.69 2.58 0.00	41.61 2.65 0.00	44.23 2.62 0.00	50.00 2.70 0.00	65.62 3.24 0.00	77.84 3.85 0.00	62.31 2.91 0.00	48.07 3.06 0.00	44.93 2.94 0.00	41.71 2.54 0.00	39.30 2.15 0.00	37.99 2.12 0.00	37.53 2.09 0.00	38.87 2.37 0.00	42.74 3.06 0.00	54.25 4.11 0.00	72.39 4.48 0.00	79.09 4.12 0.00	68.22 4.05 0.00	58.88 4.09 -0.92	50.28 3.59 -0.01	45.31 3.47 -0.01
NYPA_GOWANUS____GT5 24156	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NYPA_GOWANUS____GT6 24157	58.33 2.47 -12.56	57.52 2.18 -14.93	57.48 2.11 -16.26	57.48 2.10 -16.41	57.49 2.25 -13.64	57.56 2.32 -7.93	65.56 3.18 0.00	78.28 4.29 0.00	63.82 3.56 -0.85	63.29 3.38 -14.90	61.37 3.06 -16.31	61.30 2.90 -19.24	60.36 3.57 -19.65	61.74 2.73 -23.14	61.46 2.38 -23.64	60.45 3.50 -20.45	61.57 3.77 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.31 4.27 -32.07	70.64 3.72 -2.75	62.82 3.23 -5.71	62.82 2.99 -13.15	60.05 2.72 -15.50
NYPA_HARLEM_RVR_GT1 24160	45.52 2.21 -0.01	42.32 1.90 -0.01	40.88 1.76 -0.01	40.72 1.75 -0.01	43.52 1.91 0.00	49.11 1.80 0.00	64.81 2.43 0.00	77.16 3.18 0.01	62.07 2.68 0.01	47.75 2.75 0.01	44.46 2.48 0.01	41.59 2.43 0.01	39.74 2.60 0.01	38.22 2.33 -0.01	37.54 2.09 -0.01	39.05 2.55 0.00	42.29 2.62 0.01	52.89 2.76 0.01	70.62 2.72 0.01	78.26 3.30 0.01	66.99 2.82 0.01	56.34 2.48 0.01	49.15 2.47 0.00	44.17 2.34 0.00
NYPA_HARLEM_RVR_GT2 24161	45.52 2.21 -0.01	42.32 1.90 -0.01	40.88 1.76 -0.01	40.72 1.75 -0.01	43.52 1.91 0.00	49.11 1.80 0.00	64.81 2.43 0.00	77.16 3.18 0.01	62.07 2.68 0.01	47.75 2.75 0.01	44.46 2.48 0.01	41.59 2.43 0.01	39.74 2.60 0.01	38.22 2.33 -0.01	37.54 2.09 -0.01	39.05 2.55 0.00	42.29 2.62 0.01	52.89 2.76 0.01	70.62 2.72 0.01	78.26 3.30 0.01	66.99 2.82 0.01	56.34 2.48 0.01	49.15 2.47 0.00	44.17 2.34 0.00
NYPA_KENT____GT 24152	52.80 2.29 -7.21	50.99 2.02 -8.56	50.39 1.95 -9.33	50.32 1.95 -9.41	51.54 2.12 -7.82	54.03 2.18 -4.55	65.37 2.99 0.00	78.06 4.07 0.00	63.27 3.38 -0.49	56.75 3.20 -8.54	54.24 2.90 -9.35	53.32 2.78 -11.38	51.82 3.16 -11.51	52.21 2.58 -13.75	51.61 2.30 -13.87	51.16 3.10 -11.56	53.36 3.29 -10.39	86.53 3.31 -33.08	71.27 3.33 -0.03	97.40 4.05 -18.39	69.28 3.53 -1.58	60.22 3.07 -3.28	57.06 2.85 -7.54	53.31 2.59 -8.89
NYPA_POUCH1____GT 24155	58.20 2.34 -12.56	57.44 2.10 -14.93	57.40 2.03 -16.26	57.40 2.02 -16.41	57.40 2.16 -13.64	57.46 2.22 -7.93	65.31 2.93 0.00	77.99 3.99 0.00	63.58 3.32 -0.85	63.11 3.20 -14.90	61.24 2.94 -16.31	61.19 2.78 -19.24	60.73 3.94 -19.65	61.67 2.65 -23.14	61.28 2.20 -23.64	60.77 3.83 -20.45	61.92 4.13 -18.12	111.15 3.31 -57.70	71.09 3.13 -0.06	110.93 3.90 -32.07	70.45 3.53 -2.75	62.60 3.01 -5.71	62.63 2.80 -13.15	59.97 2.64 -15.50
NYPA_VERNON____GT2 24162	47.32 2.16 -1.85	44.51 1.90 -2.20	43.34 1.84 -2.39	43.21 1.83 -2.42	45.56 1.96 -2.00	50.46 1.99 -1.16	65.19 2.81 0.00	77.84 3.85 0.00	62.67 3.15 -0.12	50.26 3.06 -2.19	47.16 2.77 -2.39	45.30 2.62 -3.52	43.27 2.75 -3.38	42.71 2.47 -4.36	41.77 2.23 -4.09	42.12 2.70 -2.92	45.20 2.86 -2.66	61.72 3.11 -8.46	71.11 3.19 -0.01	83.57 3.90 -4.70	67.91 3.33 -0.40	57.62 2.91 -0.84	51.31 2.71 -1.93	46.57 2.47 -2.27
NYPA_VERNON____GT3 24163	47.32 2.16 -1.85	44.51 1.90 -2.20	43.34 1.84 -2.39	43.21 1.83 -2.42	45.56 1.96 -2.00	50.46 1.99 -1.16	65.19 2.81 0.00	77.84 3.85 0.00	62.67 3.15 -0.12	50.26 3.06 -2.19	47.16 2.77 -2.39	45.30 2.62 -3.52	43.27 2.75 -3.38	42.71 2.47 -4.36	41.77 2.23 -4.09	42.12 2.70 -2.92	45.20 2.86 -2.66	61.72 3.11 -8.46	71.11 3.19 -0.01	83.57 3.90 -4.70	67.91 3.33 -0.40	57.62 2.91 -0.84	51.31 2.71 -1.93	46.57 2.47 -2.27
NYPA____ASTORIA_CC1 323568	45.43 2.12 -0.01	42.32 1.90 -0.01	40.91 1.80 -0.01	40.76 1.79 -0.01	43.56 1.96 0.00	49.25 1.94 0.00	65.06 2.68 0.00	77.69 3.70 0.00	62.43 3.03 0.00	47.98 2.97 0.00	44.72 2.73 0.00	42.45 2.58 -0.70	40.36 2.71 -0.50	39.67 2.44 -1.35	38.52 2.20 -0.88	39.16 2.66 0.00	42.50 2.82 0.00	53.20 3.06 0.00	70.97 3.06 0.00	78.72 3.75 0.00	67.38 3.21 0.00	56.67 2.80 0.00	49.29 2.61 0.00	44.26 2.43 0.00
NYPA____ASTORIA_CC2 323569	45.43 2.12 -0.01	42.32 1.90 -0.01	40.91 1.80 -0.01	40.76 1.79 -0.01	43.56 1.96 0.00	49.25 1.94 0.00	65.06 2.68 0.00	77.69 3.70 0.00	62.43 3.03 0.00	47.98 2.97 0.00	44.72 2.73 0.00	42.45 2.58 -0.70	40.36 2.71 -0.50	39.67 2.44 -1.35	38.52 2.20 -0.88	39.16 2.66 0.00	42.50 2.82 0.00	53.20 3.06 0.00	70.97 3.06 0.00	78.72 3.75 0.00	67.38 3.21 0.00	56.67 2.80 0.00	49.29 2.61 0.00	44.26 2.43 0.00
NYPA____HOLTSVILL 23794	46.83 3.03 -0.50	42.96 2.55 0.00	41.53 2.43 0.00	41.46 2.50 0.00	44.02 2.41 0.00	49.63 2.32 0.00	64.94 2.56 0.00	76.88 2.88 0.00	61.48 2.08 0.00	47.57 2.56 0.00	44.60 2.60 0.00	41.44 2.27 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.22 1.77 0.00	38.58 2.08 0.00	42.50 2.82 0.00	53.95 3.81 0.00	71.91 4.01 0.00	78.35 3.38 0.00	67.51 3.33 0.00	58.46 3.67 -0.92	49.90 3.22 -0.01	45.14 3.30 -0.01
NYPA____HELLGATE_GT1 24158	45.52 2.21 -0.01	42.32 1.90 -0.01	40.88 1.76 -0.01	40.72 1.75 -0.01	43.52 1.91 0.00	49.11 1.80 0.00	64.81 2.43 0.00	77.16 3.18 0.01	62.07 2.68 0.01	47.75 2.75 0.01	44.46 2.48 0.01	41.59 2.43 0.01	39.74 2.60 0.01	38.22 2.33 -0.01	37.54 2.09 -0.01	39.05 2.55 0.00	42.29 2.62 0.01	52.89 2.76 0.01	70.62 2.72 0.01	78.26 3.30 0.01	66.99 2.82 0.01	56.34 2.48 0.01	49.15 2.47 0.00	44.17 2.34 0.00
NYPA____HELLGATE_GT2 24159	45.52 2.21 -0.01	42.32 1.90 -0.01	40.88 1.76 -0.01	40.72 1.75 -0.01	43.52 1.91 0.00	49.11 1.80 0.00	64.81 2.43 0.00	77.16 3.18 0.01	62.07 2.68 0.01	47.75 2.75 0.01	44.46 2.48 0.01	41.59 2.43 0.01	39.74 2.60 0.01	38.22 2.33 -0.01	37.54 2.09 -0.01	39.05 2.55 0.00	42.29 2.62 0.01	52.89 2.76 0.01	70.62 2.72 0.01	78.26 3.30 0.01	66.99 2.82 0.01	56.34 2.48 0.01	49.15 2.47 0.00	44.17 2.34 0.00
NYS_BARGE____HYD 23848	39.40 -3.90 0.00	37.14 -3.27 0.00	35.98 -3.13 0.00	35.84 -3.12 0.00	38.44 -3.16 0.00	43.95 -3.36 0.00	58.20 -4.18 0.00	67.19 -6.81 0.00	54.65 -4.75 0.00	40.83 -4.18 0.00	38.17 -3.82 0.00	35.40 -3.76 0.00	33.62 -3.53 0.00	32.47 -3.41 0.00	32.08 -3.37 0.00	33.21 -3.28 0.00	36.19 -3.49 0.00	45.38 -4.76 0.00	61.73 -6.18 0.00	67.63 -7.34 0.00	58.14 -6.03 0.00	48.32 -5.55 0.00	42.29 -4.39 0.00	38.48 -3.35 0.00

OAK ORCHARD___HYD 24046	41.01 -2.30 0.00	38.43 -1.98 0.00	37.23 -1.88 0.00	37.13 -1.83 0.00	39.78 -1.83 0.00	45.37 -1.94 0.00	60.01 -2.37 0.00	70.14 -3.85 0.00	56.79 -2.61 0.00	42.49 -2.52 0.00	39.64 -2.35 0.00	36.82 -2.35 0.00	34.96 -2.19 0.00	33.73 -2.15 0.00	33.32 -2.13 0.00	34.49 -2.01 0.00	37.50 -2.18 0.00	47.29 -2.86 0.00	64.37 -3.53 0.00	70.78 -4.20 0.00	60.64 -3.53 0.00	50.64 -3.23 0.00	44.02 -2.66 0.00	39.70 -2.13 0.00
OAKDALE___35_KV_LOAD 356122	42.57 -0.74 0.00	39.72 -0.69 0.00	38.48 -0.63 0.00	38.34 -0.62 0.00	41.06 -0.54 0.00	46.74 -0.57 0.00	61.82 -0.56 0.00	73.11 -0.89 0.00	58.87 -0.53 0.00	44.33 -0.68 0.00	41.32 -0.67 0.00	38.50 -0.67 0.00	36.55 -0.59 0.00	35.27 -0.61 0.00	34.84 -0.60 0.00	35.91 -0.58 0.00	39.05 -0.63 0.00	49.29 -0.85 0.00	66.96 -0.95 0.00	73.85 -1.12 0.00	63.27 -0.90 0.00	53.01 -0.86 0.00	45.88 -0.79 0.00	41.29 -0.54 0.00
OCC_CHEM___DRP 24175	39.14 -4.16 0.00	36.69 -3.72 0.00	35.63 -3.48 0.00	35.46 -3.51 0.00	38.03 -3.58 0.00	43.29 -4.02 0.00	56.77 -5.61 0.00	66.15 -7.84 0.00	53.88 -5.52 0.00	40.33 -4.68 0.00	37.80 -4.20 0.00	35.09 -4.07 0.00	33.47 -3.68 0.00	32.15 -3.73 0.00	31.79 -3.65 0.00	33.03 -3.47 0.00	35.91 -3.77 0.00	44.68 -5.47 0.00	60.71 -7.20 0.00	66.28 -8.70 0.00	57.24 -6.93 0.00	47.57 -6.30 0.00	41.64 -5.04 0.00	38.07 -3.76 0.00
OH_GEN_PROXY 24063	39.40 -3.90 0.00	37.10 -3.31 0.00	35.98 -3.13 0.00	35.81 -3.15 0.00	38.36 -3.25 0.00	43.76 -3.55 0.00	58.50 -4.49 -0.61	66.21 -7.18 0.61	53.67 -5.05 0.68	41.37 -4.32 -0.68	38.09 -3.90 0.00	35.37 -3.80 0.00	33.58 -3.57 0.00	32.43 -3.44 0.00	32.04 -3.40 0.00	33.14 -3.36 0.00	36.11 -3.57 0.00	46.35 -4.96 -1.17	60.88 -6.59 0.44	66.29 -7.95 0.74	57.69 -6.48 0.00	48.05 -5.82 0.00	41.97 -4.57 0.13	38.54 -3.43 -0.13
OLIN_CORP_DRP 24177	39.06 -4.24 0.00	36.65 -3.76 0.00	35.55 -3.56 0.00	35.38 -3.58 0.00	37.99 -3.62 0.00	43.24 -4.07 0.00	56.77 -5.61 0.00	66.22 -7.77 0.00	53.88 -5.52 0.00	40.28 -4.73 0.00	37.80 -4.20 0.00	35.05 -4.11 0.00	33.43 -3.71 0.00	32.11 -3.77 0.00	31.76 -3.69 0.00	32.99 -3.50 0.00	35.91 -3.77 0.00	44.68 -5.47 0.00	60.78 -7.13 0.00	66.43 -8.55 0.00	57.31 -6.87 0.00	47.62 -6.25 0.00	41.68 -4.99 0.00	38.07 -3.76 0.00
OLIN_CORP_DSASP 323712	39.06 -4.24 0.00	36.77 -3.64 0.00	35.66 -3.44 0.00	35.49 -3.47 0.00	38.07 -3.54 0.00	43.43 -3.88 0.00	57.33 -5.05 0.00	66.08 -7.92 0.00	53.82 -5.59 0.00	40.24 -4.77 0.00	37.71 -4.28 0.00	35.01 -4.15 0.00	33.21 -3.94 0.00	32.07 -3.80 0.00	31.69 -3.76 0.00	32.81 -3.68 0.00	35.71 -3.97 0.00	44.68 -5.46 0.00	60.64 -7.27 0.00	66.28 -8.70 0.00	57.05 -7.13 0.00	47.51 -6.36 0.00	41.64 -5.04 0.00	38.03 -3.81 0.00
ONEIDA_HERK_LFGE 323681	43.78 0.48 0.00	40.85 0.45 0.00	39.50 0.39 0.00	39.35 0.39 0.00	42.06 0.46 0.00	47.92 0.61 0.00	63.44 1.06 0.00	75.62 1.63 0.00	60.53 1.13 0.00	45.51 0.50 0.00	42.37 0.38 0.00	39.40 0.24 0.00	37.37 0.22 0.00	36.06 0.18 0.00	35.73 0.28 0.00	36.82 0.33 0.00	40.12 0.44 0.00	50.99 0.85 0.00	69.74 1.83 0.00	76.92 1.95 0.00	65.78 1.60 0.00	54.95 1.08 0.00	47.42 0.74 0.00	42.34 0.50 0.00
ONEIDA___115KV_TB4 55905	43.95 0.65 0.00	41.02 0.61 0.00	39.65 0.55 0.00	39.55 0.58 0.00	42.31 0.71 0.00	48.16 0.85 0.00	63.82 1.43 0.00	75.84 1.85 0.00	60.77 1.37 0.00	45.64 0.63 0.00	42.50 0.50 0.00	39.56 0.39 0.00	37.52 0.37 0.00	36.20 0.32 0.00	35.80 0.35 0.00	36.86 0.36 0.00	40.12 0.44 0.00	50.94 0.80 0.00	69.67 1.77 0.00	77.00 2.02 0.00	65.84 1.67 0.00	55.06 1.19 0.00	47.56 0.89 0.00	42.54 0.71 0.00
ONONDAGA_REF_OCCRA 23987	42.26 -1.04 0.00	39.48 -0.93 0.00	38.21 -0.90 0.00	38.10 -0.86 0.00	40.77 -0.83 0.00	46.32 -0.99 0.00	61.20 -1.19 0.00	72.51 -1.48 0.00	58.39 -1.01 0.00	44.02 -0.99 0.00	41.16 -0.84 0.00	38.30 -0.86 0.00	36.37 -0.78 0.00	35.09 -0.79 0.00	34.66 -0.78 0.00	35.73 -0.77 0.00	38.73 -0.95 0.00	48.89 -1.25 0.00	66.48 -1.43 0.00	73.40 -1.57 0.00	62.83 -1.35 0.00	52.63 -1.24 0.00	45.51 -1.17 0.00	40.87 -0.96 0.00
ONONDAGA___COGEN 23986	42.35 -0.95 0.00	39.52 -0.89 0.00	38.28 -0.82 0.00	38.18 -0.78 0.00	40.86 -0.75 0.00	46.41 -0.90 0.00	61.26 -1.12 0.00	72.59 -1.41 0.00	58.45 -0.95 0.00	44.06 -0.95 0.00	41.20 -0.80 0.00	38.34 -0.82 0.00	36.41 -0.74 0.00	35.12 -0.75 0.00	34.70 -0.74 0.00	35.77 -0.73 0.00	38.73 -0.95 0.00	48.89 -1.25 0.00	66.55 -1.36 0.00	73.47 -1.50 0.00	62.83 -1.35 0.00	52.69 -1.19 0.00	45.56 -1.12 0.00	40.87 -0.96 0.00
ONTARIO___LFGE 23819	42.00 -1.30 0.00	39.24 -1.17 0.00	38.01 -1.09 0.00	37.95 -1.01 0.00	40.69 -0.92 0.00	46.50 -0.80 0.00	61.51 -0.87 0.00	72.51 -1.48 0.00	58.39 -1.01 0.00	43.80 -1.21 0.00	40.78 -1.22 0.00	37.83 -1.33 0.00	35.89 -1.26 0.00	34.62 -1.26 0.00	34.20 -1.24 0.00	35.33 -1.17 0.00	38.45 -1.23 0.00	48.79 -1.35 0.00	66.62 -1.29 0.00	73.47 -1.50 0.00	62.82 -1.35 0.00	52.63 -1.24 0.00	45.46 -1.21 0.00	40.83 -1.00 0.00
ORANGEVILLE_WT_PWR 323706	38.97 -4.33 0.00	36.53 -3.88 0.00	35.43 -3.68 0.00	35.38 -3.58 0.00	38.07 -3.54 0.00	43.81 -3.50 0.00	58.26 -4.12 0.00	68.15 -5.85 0.00	55.24 -4.16 0.00	41.18 -3.83 0.00	38.55 -3.44 0.00	35.80 -3.37 0.00	34.07 -3.08 0.00	32.90 -2.98 0.00	32.50 -2.94 0.00	33.57 -2.92 0.00	36.59 -3.10 0.00	46.18 -3.96 0.00	63.42 -4.48 0.00	69.72 -5.25 0.00	59.68 -4.49 0.00	49.56 -4.31 0.00	42.99 -3.69 0.00	38.78 -3.05 0.00
ORANGEVILLE___ESR 323794	38.97 -4.33 0.00	36.53 -3.88 0.00	35.43 -3.68 0.00	35.38 -3.58 0.00	38.07 -3.54 0.00	43.81 -3.50 0.00	58.26 -4.12 0.00	68.15 -5.85 0.00	55.24 -4.16 0.00	41.18 -3.83 0.00	38.55 -3.44 0.00	35.80 -3.37 0.00	34.07 -3.08 0.00	32.90 -2.98 0.00	32.50 -2.94 0.00	33.57 -2.92 0.00	36.59 -3.10 0.00	46.18 -3.96 0.00	63.42 -4.48 0.00	69.72 -5.25 0.00	59.68 -4.49 0.00	49.56 -4.31 0.00	42.99 -3.69 0.00	38.78 -3.05 0.00
OSWEGATCHIE___HYD 24044	43.17 -0.13 0.00	40.29 -0.12 0.00	38.91 -0.19 0.00	38.77 -0.19 0.00	41.32 -0.29 0.00	46.98 -0.33 0.00	61.95 -0.43 0.00	73.92 -0.07 0.00	59.05 -0.35 0.00	44.29 -0.72 0.00	41.16 -0.84 0.00	38.22 -0.94 0.00	36.26 -0.89 0.00	34.98 -0.90 0.00	34.70 -0.75 0.00	35.80 -0.69 0.00	39.05 -0.64 0.00	49.64 -0.50 0.00	68.32 0.41 0.00	75.35 0.38 0.00	64.50 0.32 0.00	53.92 0.05 0.00	46.58 -0.09 0.00	41.50 -0.34 0.00
OSWEGO___5 23606	41.83 -1.47 0.00	39.08 -1.33 0.00	37.85 -1.25 0.00	37.71 -1.25 0.00	40.32 -1.29 0.00	45.84 -1.47 0.00	60.32 -2.06 0.00	71.33 -2.66 0.00	57.38 -2.02 0.00	43.35 -1.66 0.00	40.49 -1.51 0.00	37.72 -1.45 0.00	35.81 -1.34 0.00	34.59 -1.29 0.00	34.17 -1.27 0.00	35.22 -1.28 0.00	38.17 -1.51 0.00	48.19 -1.96 0.00	65.40 -2.51 0.00	72.20 -2.77 0.00	61.80 -2.37 0.00	51.77 -2.10 0.00	44.90 -1.77 0.00	40.28 -1.55 0.00

OSWEGO___6 23613	41.83 -1.47 0.00	39.08 -1.33 0.00	37.85 -1.25 0.00	37.71 -1.25 0.00	40.32 -1.29 0.00	45.84 -1.47 0.00	60.32 -2.06 0.00	71.33 -2.66 0.00	57.38 -2.02 0.00	43.35 -1.66 0.00	40.49 -1.51 0.00	37.72 -1.45 0.00	35.81 -1.34 0.00	34.59 -1.29 0.00	34.17 -1.27 0.00	35.22 -1.28 0.00	38.17 -1.51 0.00	48.19 -1.96 0.00	65.40 -2.51 0.00	72.20 -2.77 0.00	61.80 -2.37 0.00	51.77 -2.10 0.00	44.90 -1.77 0.00	40.28 -1.55 0.00
OUTOKUMPU-AB___DRP 24206	39.84 -3.46 0.00	37.42 -2.99 0.00	36.29 -2.82 0.00	36.16 -2.81 0.00	38.82 -2.79 0.00	44.28 -3.03 0.00	58.26 -4.12 0.00	67.93 -6.07 0.00	55.36 -4.04 0.00	41.36 -3.65 0.00	38.76 -3.23 0.00	35.95 -3.21 0.00	34.29 -2.86 0.00	32.90 -2.98 0.00	32.54 -2.91 0.00	33.83 -2.66 0.00	36.79 -2.90 0.00	45.88 -4.26 0.00	62.41 -5.50 0.00	68.30 -6.67 0.00	58.91 -5.26 0.00	48.86 -5.01 0.00	42.66 -4.01 0.00	38.95 -2.89 0.00
OXBOW___BTM 323836	39.32 -3.98 0.00	37.06 -3.35 0.00	35.94 -3.17 0.00	35.81 -3.15 0.00	38.36 -3.25 0.00	43.81 -3.50 0.00	58.01 -4.37 0.00	66.89 -7.10 0.00	54.47 -4.93 0.00	40.73 -4.28 0.00	38.13 -3.86 0.00	35.40 -3.76 0.00	33.58 -3.57 0.00	32.43 -3.44 0.00	32.04 -3.40 0.00	33.18 -3.32 0.00	36.11 -3.57 0.00	45.23 -4.91 0.00	61.46 -6.45 0.00	67.25 -7.72 0.00	57.82 -6.35 0.00	48.11 -5.76 0.00	42.10 -4.57 0.00	38.40 -3.43 0.00
OXBOW____ 24026	39.40 -3.90 0.00	37.01 -3.39 0.00	35.86 -3.25 0.00	35.73 -3.23 0.00	38.36 -3.25 0.00	43.71 -3.60 0.00	57.45 -4.93 0.00	66.96 -7.03 0.00	54.53 -4.87 0.00	40.78 -4.23 0.00	38.22 -3.78 0.00	35.48 -3.68 0.00	33.84 -3.31 0.00	32.51 -3.37 0.00	32.11 -3.33 0.00	33.39 -3.10 0.00	36.31 -3.37 0.00	45.23 -4.91 0.00	61.53 -6.38 0.00	67.18 -7.80 0.00	58.01 -6.16 0.00	48.16 -5.71 0.00	42.10 -4.57 0.00	38.44 -3.39 0.00
OXY_CHEM_DSASP 323612	39.14 -4.16 0.00	36.69 -3.72 0.00	35.63 -3.48 0.00	35.46 -3.51 0.00	38.03 -3.58 0.00	43.29 -4.02 0.00	56.77 -5.61 0.00	66.15 -7.84 0.00	53.88 -5.52 0.00	40.33 -4.68 0.00	37.80 -4.20 0.00	35.09 -4.07 0.00	33.47 -3.68 0.00	32.15 -3.73 0.00	31.79 -3.65 0.00	33.03 -3.47 0.00	35.91 -3.77 0.00	44.68 -5.47 0.00	60.71 -7.20 0.00	66.28 -8.70 0.00	57.24 -6.93 0.00	47.57 -6.30 0.00	41.64 -5.04 0.00	38.07 -3.76 0.00
OZONE_PARK_ESR 323760	45.60 2.29 0.00	42.47 2.06 0.00	41.02 1.92 0.00	40.87 1.91 0.00	43.69 2.08 0.00	49.72 2.41 0.00	65.75 3.37 0.00	78.28 4.29 0.00	62.85 3.45 0.00	48.16 3.15 0.00	44.73 2.73 0.00	41.71 2.55 0.00	39.49 2.34 0.00	38.33 2.44 -0.01	37.75 2.30 0.00	38.87 2.37 0.00	42.22 2.54 0.00	53.40 3.26 0.00	71.51 3.60 0.00	79.32 4.35 0.00	67.83 3.66 0.00	56.99 3.12 0.00	49.43 2.75 0.00	44.26 2.43 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	39.14 -4.16 0.00	36.69 -3.72 0.00	35.63 -3.48 0.00	35.46 -3.51 0.00	38.03 -3.58 0.00	43.29 -4.02 0.00	56.77 -5.61 0.00	66.15 -7.84 0.00	53.88 -5.52 0.00	40.33 -4.68 0.00	37.80 -4.20 0.00	35.09 -4.07 0.00	33.47 -3.68 0.00	32.15 -3.73 0.00	31.79 -3.65 0.00	33.03 -3.47 0.00	35.91 -3.77 0.00	44.68 -5.47 0.00	60.71 -7.20 0.00	66.28 -8.70 0.00	57.24 -6.93 0.00	47.57 -6.30 0.00	41.64 -5.04 0.00	38.07 -3.76 0.00
PACKARD__115KV_DUPONT_184 80571	39.14 -4.16 0.00	36.69 -3.72 0.00	35.63 -3.48 0.00	35.46 -3.51 0.00	38.03 -3.58 0.00	43.29 -4.02 0.00	56.77 -5.61 0.00	66.15 -7.84 0.00	53.88 -5.52 0.00	40.33 -4.68 0.00	37.80 -4.20 0.00	35.09 -4.07 0.00	33.47 -3.68 0.00	32.15 -3.73 0.00	31.79 -3.65 0.00	33.03 -3.47 0.00	35.91 -3.77 0.00	44.68 -5.47 0.00	60.71 -7.20 0.00	66.28 -8.70 0.00	57.24 -6.93 0.00	47.57 -6.30 0.00	41.64 -5.04 0.00	38.07 -3.76 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	45.69 2.38 -0.01	42.56 2.14 -0.01	41.07 1.96 -0.01	40.92 1.95 -0.01	43.81 2.21 0.00	49.53 2.22 0.00	65.13 2.74 0.00	77.47 3.48 0.00	62.25 2.85 0.00	47.80 2.79 0.00	44.43 2.44 0.00	41.47 2.31 0.01	39.26 2.12 0.01	38.11 2.22 -0.01	37.54 2.09 -0.01	38.65 2.15 0.00	41.98 2.30 0.00	52.95 2.81 0.00	70.63 2.72 0.00	78.35 3.37 0.00	67.00 2.82 0.00	56.40 2.53 0.00	49.15 2.47 0.00	44.22 2.38 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	45.91 2.60 -0.01	42.76 2.34 -0.01	41.30 2.19 -0.01	41.19 2.22 -0.01	44.10 2.50 0.00	49.86 2.55 0.00	65.56 3.18 0.00	77.91 3.92 0.00	62.61 3.21 0.00	47.98 2.97 0.00	44.56 2.56 0.00	41.58 2.43 0.01	39.33 2.19 0.01	38.15 2.26 -0.01	37.61 2.16 -0.01	38.69 2.19 0.00	42.02 2.34 0.00	53.00 2.86 0.00	70.76 2.85 0.00	78.57 3.60 0.00	67.13 2.95 0.00	56.56 2.69 0.00	49.29 2.61 0.00	44.30 2.47 0.00
PATROON__115KV_TB1 80586	45.16 1.86 0.00	42.11 1.70 0.00	40.75 1.64 0.00	40.56 1.60 0.00	43.31 1.71 0.00	49.30 1.99 0.00	65.06 2.68 0.00	77.17 3.18 0.00	61.84 2.44 0.00	46.95 1.94 0.00	43.72 1.72 0.00	40.85 1.68 0.00	38.67 1.52 0.00	37.38 1.51 0.00	36.90 1.45 0.00	37.92 1.42 0.00	41.31 1.63 0.00	52.25 2.11 0.00	70.49 2.58 0.00	77.97 3.00 0.00	66.61 2.44 0.00	56.08 2.21 0.00	48.64 1.96 0.00	43.67 1.84 0.00
PATTRSNVILLE___SOLAR 323815	44.86 1.56 0.00	41.86 1.45 0.00	40.51 1.41 0.00	40.32 1.36 0.00	43.06 1.46 0.00	49.01 1.70 0.00	64.88 2.50 0.00	77.10 3.11 0.00	61.54 2.14 0.00	46.32 1.31 0.00	43.09 1.09 0.00	40.14 0.98 0.00	38.08 0.93 0.00	36.74 0.86 0.00	36.29 0.85 0.00	37.37 0.87 0.00	40.83 1.15 0.00	51.75 1.60 0.00	70.15 2.24 0.00	77.75 2.78 0.00	66.42 2.24 0.00	55.86 1.99 0.00	48.36 1.68 0.00	43.34 1.50 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	40.31 -2.99 0.00	37.86 -2.55 0.00	36.72 -2.39 0.00	36.59 -2.38 0.00	39.28 -2.33 0.00	44.90 -2.41 0.00	59.32 -3.06 0.00	69.26 -4.74 0.00	56.37 -3.03 0.00	42.17 -2.84 0.00	39.48 -2.52 0.00	36.62 -2.55 0.00	34.92 -2.23 0.00	33.55 -2.33 0.00	33.14 -2.30 0.00	34.45 -2.04 0.00	37.42 -2.26 0.00	46.88 -3.26 0.00	63.77 -4.14 0.00	69.80 -5.17 0.00	60.19 -3.98 0.00	49.83 -4.04 0.00	43.41 -3.27 0.00	39.57 -2.26 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	45.47 2.17 0.00	42.35 1.94 0.00	40.98 1.88 0.00	40.83 1.87 0.00	43.60 2.00 0.00	49.67 2.37 0.00	65.69 3.31 0.00	78.21 4.22 0.00	62.67 3.27 0.00	47.62 2.61 0.00	44.10 2.10 0.00	41.20 2.04 0.00	38.89 1.75 0.00	37.67 1.79 0.00	37.22 1.77 0.00	38.28 1.79 0.00	41.75 2.06 0.00	52.95 2.81 0.00	71.24 3.33 0.00	79.10 4.12 0.00	67.70 3.53 0.00	56.83 2.96 0.00	49.24 2.57 0.00	44.01 2.18 0.00
PEEKSKILL____ 23653	44.82 1.51 0.00	41.94 1.54 0.00	40.39 1.29 0.00	40.25 1.28 0.00	42.98 1.37 0.00	48.78 1.47 0.00	64.62 2.24 0.00	76.96 2.96 0.00	61.72 2.31 0.00	47.17 2.16 0.00	43.89 1.89 0.00	40.97 1.80 0.00	38.82 1.67 0.00	37.53 1.65 0.00	37.04 1.60 0.00	38.18 1.68 0.00	41.47 1.79 0.00	52.45 2.31 0.00	70.35 2.44 0.00	77.97 3.00 0.00	66.81 2.63 0.00	56.19 2.31 0.00	48.73 2.05 0.00	43.63 1.80 0.00

PGE MADISON___WINDPWR 24146	45.47 2.16 0.00	42.39 1.98 0.00	40.82 1.72 0.00	40.67 1.71 0.00	43.64 2.04 0.00	49.86 2.55 0.00	66.81 4.43 0.00	79.39 5.40 0.00	63.32 3.92 0.00	46.86 1.85 0.00	43.30 1.30 0.00	40.07 0.90 0.00	38.00 0.86 0.00	36.60 0.72 0.00	36.26 0.82 0.00	37.52 1.02 0.00	41.07 1.39 0.00	52.75 2.61 0.00	73.27 5.36 0.00	81.27 6.30 0.00	69.37 5.20 0.00	57.64 3.77 0.00	49.57 2.90 0.00	44.21 2.38 0.00
PIERCEFIELD___HYD 23852	43.69 0.39 0.00	40.77 0.36 0.00	39.38 0.27 0.00	39.23 0.27 0.00	41.61 0.00 0.00	47.31 0.00 0.00	62.07 -0.31 0.00	73.92 -0.07 0.00	59.05 -0.36 0.00	44.47 -0.54 0.00	41.32 -0.67 0.00	38.38 -0.78 0.00	36.41 -0.74 0.00	35.16 -0.72 0.00	34.84 -0.60 0.00	35.91 -0.58 0.00	39.25 -0.44 0.00	49.74 -0.40 0.00	68.25 0.34 0.00	75.27 0.30 0.00	64.49 0.32 0.00	54.09 0.22 0.00	46.91 0.23 0.00	41.79 -0.04 0.00
PINELAWN_CC_1 323563	46.61 2.81 -0.50	42.75 2.34 0.00	41.33 2.23 0.00	41.22 2.26 0.00	43.89 2.29 0.00	49.72 2.41 0.00	65.31 2.93 0.00	77.62 3.62 0.00	62.08 2.68 0.00	47.85 2.84 0.00	44.30 2.31 0.00	41.12 1.96 0.00	38.64 1.49 0.00	37.35 1.47 0.00	36.90 1.45 0.00	38.21 1.72 0.00	41.90 2.22 0.00	53.35 3.21 0.00	71.30 3.39 0.00	77.82 2.85 0.00	67.38 3.21 0.00	58.56 3.77 -0.92	49.95 3.27 -0.01	44.94 3.10 -0.01
PJM_GEN_HTP_PROXY 323702	45.12 1.82 0.00	41.98 1.57 0.00	40.63 1.52 0.00	40.48 1.52 0.00	43.27 1.67 0.00	49.06 1.75 0.00	65.67 2.68 -0.61	77.01 3.62 0.61	61.63 2.91 0.68	48.44 2.75 -0.68	44.47 2.48 0.00	41.47 2.31 0.00	39.27 2.12 0.00	38.04 2.15 -0.01	37.50 2.05 0.00	38.61 2.12 0.00	41.94 2.26 0.00	54.12 2.81 -1.17	70.53 3.06 0.44	77.91 3.67 0.74	67.38 3.21 0.00	56.67 2.80 0.00	49.06 2.52 0.13	44.18 2.22 -0.13
PJM_GEN_KEystone 24065	42.39 -0.91 0.00	39.68 -0.73 0.00	38.40 -0.70 0.00	38.30 -0.66 0.00	40.90 -0.71 0.00	46.60 -0.71 0.00	62.37 -0.62 -0.61	72.12 -1.26 0.61	57.95 -0.77 0.68	45.11 -0.59 -0.68	41.41 -0.59 0.00	38.58 -0.59 0.00	36.59 -0.56 0.00	35.38 -0.50 0.00	34.91 -0.53 0.00	36.02 -0.48 0.00	39.13 -0.56 0.00	50.57 -0.75 -1.17	66.18 -1.29 0.44	72.74 -1.50 0.74	63.02 -1.15 0.00	52.79 -1.08 0.00	45.75 -0.79 0.13	41.51 -0.46 -0.13
PJM_GEN_NEPTUNE_PROXY 323594	45.82 2.25 -0.27	42.27 1.86 0.00	40.91 1.80 0.00	40.79 1.83 0.00	43.43 1.83 0.00	49.25 1.94 0.00	65.36 2.37 -0.61	76.42 3.03 0.61	61.03 2.31 0.68	48.26 2.56 -0.68	44.39 2.39 0.00	41.28 2.11 0.00	39.01 1.86 0.00	37.71 1.83 0.00	37.22 1.77 0.00	38.47 1.97 0.00	42.06 2.38 0.00	54.48 3.16 -1.17	70.60 3.13 0.44	77.46 3.22 0.74	67.25 3.08 0.00	57.42 3.07 -0.48	49.30 2.75 0.13	44.52 2.55 -0.14
PJM_GEN_VFT_PROXY 323633	44.86 1.56 0.00	41.78 1.37 0.00	40.39 1.29 0.00	40.25 1.28 0.00	43.02 1.42 0.00	48.78 1.47 0.00	57.53 2.24 7.09	66.16 3.18 11.01	57.70 2.55 4.26	48.21 2.52 -0.68	44.26 2.27 0.00	41.32 2.15 0.00	38.93 1.78 0.00	37.86 1.97 -0.01	37.39 1.95 0.00	38.28 1.79 0.00	41.55 1.87 0.00	51.01 2.56 1.68	54.36 2.65 16.19	73.53 3.22 4.66	62.90 2.89 4.16	56.40 2.59 0.06	48.92 2.38 0.13	44.01 2.05 -0.13
PLATSBURG_115KV_PMLD1 355749	44.64 1.34 0.00	41.66 1.25 0.00	40.24 1.13 0.00	40.01 1.05 0.00	42.56 0.96 0.00	48.49 1.18 0.00	63.94 1.56 0.00	76.06 2.07 0.00	60.89 1.49 0.00	45.91 0.90 0.00	42.58 0.59 0.00	39.48 0.31 0.00	37.37 0.22 0.00	36.02 0.14 0.00	35.73 0.28 0.00	37.04 0.55 0.00	40.71 1.03 0.00	51.80 1.65 0.00	71.24 3.33 0.00	78.50 3.52 0.00	67.25 3.08 0.00	56.08 2.21 0.00	48.22 1.54 0.00	42.75 0.92 0.00
PLEASANTVLY___LBMP 24000	44.95 1.65 0.00	41.90 1.50 0.00	40.55 1.45 0.00	40.40 1.44 0.00	43.10 1.50 0.00	49.06 1.75 0.00	64.75 2.37 0.00	76.88 2.89 0.00	61.66 2.26 0.00	47.13 2.12 0.00	43.80 1.81 0.00	40.89 1.72 0.00	38.75 1.60 0.00	37.53 1.65 0.00	37.00 1.56 0.00	38.07 1.57 0.00	41.43 1.75 0.00	52.35 2.21 0.00	70.29 2.38 0.00	77.75 2.77 0.00	66.55 2.37 0.00	56.03 2.15 0.00	48.59 1.91 0.00	43.55 1.72 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.16 1.86 0.00	42.07 1.66 0.00	40.71 1.60 0.00	40.56 1.60 0.00	43.31 1.71 0.00	49.30 1.99 0.00	65.13 2.74 0.00	77.40 3.40 0.00	62.14 2.73 0.00	47.49 2.48 0.00	44.10 2.10 0.00	41.16 2.00 0.00	38.97 1.82 0.00	37.74 1.87 0.00	37.25 1.81 0.00	38.32 1.82 0.00	41.71 2.02 0.00	52.75 2.61 0.00	70.76 2.85 0.00	78.35 3.37 0.00	67.13 2.95 0.00	56.40 2.53 0.00	48.92 2.24 0.00	43.80 1.97 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	45.16 1.86 0.00	42.07 1.66 0.00	40.71 1.60 0.00	40.56 1.60 0.00	43.31 1.71 0.00	49.30 1.99 0.00	65.13 2.74 0.00	77.40 3.40 0.00	62.14 2.73 0.00	47.49 2.48 0.00	44.10 2.10 0.00	41.16 2.00 0.00	38.97 1.82 0.00	37.74 1.87 0.00	37.25 1.81 0.00	38.32 1.82 0.00	41.71 2.02 0.00	52.75 2.61 0.00	70.76 2.85 0.00	78.35 3.37 0.00	67.13 2.95 0.00	56.40 2.53 0.00	48.92 2.24 0.00	43.80 1.97 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.25 1.95 0.00	42.19 1.78 0.00	40.79 1.68 0.00	40.68 1.71 0.00	43.39 1.79 0.00	49.39 2.08 0.00	65.31 2.93 0.00	77.54 3.55 0.00	62.08 2.67 0.00	47.31 2.30 0.00	43.89 1.89 0.00	40.97 1.80 0.00	38.78 1.63 0.00	37.56 1.69 0.00	37.07 1.63 0.00	38.14 1.64 0.00	41.51 1.83 0.00	52.60 2.46 0.00	70.76 2.85 0.00	78.35 3.37 0.00	67.13 2.95 0.00	56.40 2.53 0.00	48.92 2.24 0.00	43.76 1.92 0.00
POLETTI_____ 23519	45.34 2.04 0.00	42.23 1.82 0.00	40.79 1.68 0.00	40.68 1.71 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.37 2.99 0.00	77.77 3.77 0.00	62.43 3.03 0.00	47.85 2.84 0.00	44.47 2.48 0.00	41.48 2.31 0.00	39.27 2.12 0.00	38.08 2.19 -0.01	37.53 2.09 0.00	38.65 2.15 0.00	41.98 2.30 0.00	53.05 2.91 0.00	71.03 3.12 0.00	78.72 3.75 0.00	67.38 3.21 0.00	56.67 2.80 0.00	49.15 2.47 0.00	44.01 2.18 0.00
POMONA___ESR 323819	44.77 1.47 0.00	41.70 1.29 0.00	40.39 1.29 0.00	40.25 1.28 0.00	42.94 1.33 0.00	48.78 1.47 0.00	64.62 2.24 0.00	76.96 2.96 0.00	61.72 2.31 0.00	47.17 2.16 0.00	43.89 1.89 0.00	40.93 1.76 0.00	38.78 1.63 0.00	37.53 1.65 0.00	37.04 1.60 0.00	38.14 1.64 0.00	41.47 1.79 0.00	52.40 2.26 0.00	70.35 2.44 0.00	77.97 3.00 0.00	66.81 2.63 0.00	56.19 2.31 0.00	48.73 2.05 0.00	43.63 1.80 0.00
PORT_JEFF_3 23555	47.00 3.20 -0.50	43.08 2.67 0.00	41.65 2.54 0.00	41.57 2.61 0.00	44.14 2.54 0.00	49.81 2.51 0.00	65.19 2.81 0.00	77.25 3.25 0.00	61.72 2.31 0.00	47.76 2.75 0.00	44.77 2.77 0.00	41.55 2.39 0.00	39.15 2.00 0.00	37.85 1.97 0.00	37.32 1.88 0.00	38.72 2.23 0.00	42.66 2.98 0.00	54.15 4.01 0.00	72.26 4.35 0.00	78.65 3.67 0.00	67.83 3.66 0.00	58.72 3.93 -0.92	50.09 3.41 -0.01	45.31 3.47 -0.01

PORT_JEFF_4 23616	47.00 3.20 -0.50	43.08 2.67 0.00	41.65 2.54 0.00	41.57 2.61 0.00	44.14 2.54 0.00	49.81 2.51 0.00	65.19 2.81 0.00	77.25 3.25 0.00	61.72 2.31 0.00	47.76 2.75 0.00	44.77 2.77 0.00	41.55 2.39 0.00	39.15 2.00 0.00	37.85 1.97 0.00	37.32 1.88 0.00	38.72 2.23 0.00	42.66 2.98 0.00	54.15 4.01 0.00	72.26 4.35 0.00	78.65 3.67 0.00	67.83 3.66 0.00	58.72 3.93 -0.92	50.09 3.41 -0.01	45.31 3.47 -0.01
PORT_JEFF_IC 23713	47.17 3.38 -0.49	43.24 2.83 0.00	41.88 2.78 0.00	41.81 2.84 0.00	44.60 3.00 0.00	50.53 3.22 0.00	65.37 2.99 0.00	77.54 3.55 0.00	61.96 2.55 0.00	47.80 2.79 0.00	44.68 2.69 0.00	41.48 2.31 0.00	39.08 1.93 0.00	37.89 2.01 0.00	37.36 1.91 0.00	38.65 2.15 0.00	42.66 2.98 0.00	54.20 4.06 0.00	72.39 4.48 0.00	78.65 3.67 0.00	68.15 3.98 0.00	58.98 4.20 -0.91	50.37 3.69 0.00	45.22 3.39 0.00
PPL PILGRIM_ST_GT1 24216	47.00 3.20 -0.50	43.12 2.71 0.00	41.69 2.58 0.00	41.61 2.65 0.00	44.23 2.62 0.00	50.00 2.70 0.00	65.62 3.24 0.00	77.84 3.85 0.00	62.31 2.91 0.00	48.07 3.06 0.00	44.93 2.94 0.00	41.71 2.54 0.00	39.30 2.15 0.00	37.99 2.12 0.00	37.53 2.09 0.00	38.87 2.37 0.00	42.74 3.06 0.00	54.25 4.11 0.00	72.39 4.48 0.00	79.09 4.12 0.00	68.22 4.05 0.00	58.88 4.09 -0.92	50.28 3.59 -0.01	45.31 3.47 -0.01
PPL PILGRIM_ST_GT2 24217	47.00 3.20 -0.50	43.12 2.71 0.00	41.69 2.58 0.00	41.61 2.65 0.00	44.23 2.62 0.00	50.00 2.70 0.00	65.62 3.24 0.00	77.84 3.85 0.00	62.31 2.91 0.00	48.07 3.06 0.00	44.93 2.94 0.00	41.71 2.54 0.00	39.30 2.15 0.00	37.99 2.12 0.00	37.53 2.09 0.00	38.87 2.37 0.00	42.74 3.06 0.00	54.25 4.11 0.00	72.39 4.48 0.00	79.09 4.12 0.00	68.22 4.05 0.00	58.88 4.09 -0.92	50.28 3.59 -0.01	45.31 3.47 -0.01
PPL_SHRM_GT3 24213	47.13 3.33 -0.50	43.20 2.79 0.00	41.73 2.62 0.00	41.73 2.77 0.00	44.14 2.54 0.00	49.67 2.36 0.00	64.62 2.24 0.00	76.21 2.22 0.00	60.77 1.37 0.00	47.35 2.34 0.00	44.69 2.69 0.00	41.44 2.27 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.08 1.63 0.00	38.47 1.97 0.00	42.62 2.94 0.00	54.20 4.06 0.00	72.39 4.48 0.00	77.97 3.00 0.00	67.25 3.08 0.00	58.67 3.88 -0.92	50.05 3.36 -0.01	45.48 3.64 -0.01
PPL_SHRM_GT4 24214	47.13 3.33 -0.50	43.20 2.79 0.00	41.73 2.62 0.00	41.73 2.77 0.00	44.14 2.54 0.00	49.67 2.36 0.00	64.62 2.24 0.00	76.21 2.22 0.00	60.77 1.37 0.00	47.35 2.34 0.00	44.69 2.69 0.00	41.44 2.27 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.08 1.63 0.00	38.47 1.97 0.00	42.62 2.94 0.00	54.20 4.06 0.00	72.39 4.48 0.00	77.97 3.00 0.00	67.25 3.08 0.00	58.67 3.88 -0.92	50.05 3.36 -0.01	45.48 3.64 -0.01
PROJECT___ORANGE 1 24174	42.09 -1.21 0.00	39.32 -1.09 0.00	38.09 -1.02 0.00	37.95 -1.01 0.00	40.61 -1.00 0.00	46.13 -1.18 0.00	60.88 -1.50 0.00	72.14 -1.85 0.00	58.10 -1.31 0.00	43.84 -1.17 0.00	41.03 -0.97 0.00	38.19 -0.98 0.00	36.26 -0.89 0.00	34.98 -0.90 0.00	34.56 -0.89 0.00	35.62 -0.88 0.00	38.57 -1.11 0.00	48.64 -1.50 0.00	66.14 -1.77 0.00	72.95 -2.02 0.00	62.44 -1.73 0.00	52.31 -1.56 0.00	45.28 -1.40 0.00	40.66 -1.17 0.00
PROJECT___ORANGE 2 24166	42.09 -1.21 0.00	39.32 -1.09 0.00	38.09 -1.02 0.00	37.95 -1.01 0.00	40.61 -1.00 0.00	46.13 -1.18 0.00	60.88 -1.50 0.00	72.14 -1.85 0.00	58.10 -1.31 0.00	43.84 -1.17 0.00	41.03 -0.97 0.00	38.19 -0.98 0.00	36.26 -0.89 0.00	34.98 -0.90 0.00	34.56 -0.89 0.00	35.62 -0.88 0.00	38.57 -1.11 0.00	48.64 -1.50 0.00	66.14 -1.77 0.00	72.95 -2.02 0.00	62.44 -1.73 0.00	52.31 -1.56 0.00	45.28 -1.40 0.00	40.66 -1.17 0.00
PUCKETT___SOLAR 323809	43.30 0.00 0.00	40.45 0.04 0.00	39.11 0.00 0.00	39.00 0.04 0.00	41.77 0.17 0.00	47.59 0.29 0.00	63.19 0.81 0.00	74.81 0.82 0.00	60.00 0.59 0.00	44.92 -0.09 0.00	41.70 -0.29 0.00	38.70 -0.47 0.00	36.74 -0.41 0.00	35.41 -0.47 0.00	35.02 -0.42 0.00	36.10 -0.40 0.00	39.36 -0.32 0.00	50.09 -0.05 0.00	68.52 0.61 0.00	75.72 0.75 0.00	64.75 0.58 0.00	54.14 0.27 0.00	46.82 0.14 0.00	42.04 0.21 0.00
PYRITES___HYD 24023	44.47 1.17 0.00	41.50 1.09 0.00	40.12 1.02 0.00	39.94 0.97 0.00	42.48 0.87 0.00	48.40 1.09 0.00	63.57 1.19 0.00	75.69 1.70 0.00	60.29 0.89 0.00	45.28 0.27 0.00	42.00 0.00 0.00	38.97 -0.20 0.00	37.00 -0.15 0.00	35.70 -0.18 0.00	35.37 -0.07 0.00	36.50 0.00 0.00	39.88 0.20 0.00	50.64 0.50 0.00	69.81 1.90 0.00	77.07 2.10 0.00	66.10 1.93 0.00	55.27 1.40 0.00	47.84 1.17 0.00	42.54 0.71 0.00
QUAKERRD_115KV_BK1 80622	40.44 -2.86 0.00	37.82 -2.59 0.00	36.64 -2.46 0.00	36.51 -2.45 0.00	39.15 -2.45 0.00	44.56 -2.74 0.00	58.76 -3.62 0.00	69.26 -4.74 0.00	56.08 -3.33 0.00	41.99 -3.02 0.00	39.27 -2.73 0.00	36.46 -2.70 0.00	34.70 -2.45 0.00	33.37 -2.51 0.00	33.00 -2.45 0.00	34.16 -2.34 0.00	37.10 -2.58 0.00	46.68 -3.46 0.00	63.56 -4.35 0.00	69.95 -5.02 0.00	60.00 -4.17 0.00	50.05 -3.82 0.00	43.46 -3.22 0.00	39.11 -2.72 0.00
QUEENSBRY_115KV_TB8 356137	46.33 3.03 0.00	43.20 2.79 0.00	41.77 2.66 0.00	41.53 2.57 0.00	44.39 2.79 0.00	49.53 2.22 0.00	65.62 3.24 0.00	78.28 4.29 0.00	62.31 2.91 0.00	46.95 1.94 0.00	43.38 1.39 0.00	40.46 1.29 0.00	38.23 1.08 0.00	36.81 0.93 0.00	36.33 0.89 0.00	37.37 0.88 0.00	40.87 1.19 0.00	52.05 1.91 0.00	70.76 2.85 0.00	78.72 3.75 0.00	67.00 2.82 0.00	56.35 2.48 0.00	49.80 3.13 0.00	44.68 2.84 0.00
RAMAPO___LBMP 323565	44.73 1.43 0.00	41.66 1.25 0.00	40.32 1.21 0.00	40.17 1.21 0.00	42.90 1.29 0.00	48.82 1.51 0.00	64.50 2.12 0.00	76.66 2.66 0.00	61.48 2.08 0.00	46.95 1.94 0.00	43.63 1.64 0.00	40.69 1.53 0.00	38.56 1.41 0.00	37.35 1.47 0.00	36.83 1.38 0.00	37.92 1.42 0.00	41.23 1.55 0.00	52.15 2.01 0.00	70.01 2.11 0.00	77.52 2.55 0.00	66.42 2.25 0.00	55.86 1.99 0.00	48.40 1.73 0.00	43.34 1.51 0.00
RANKINE____ 23646	40.18 -3.12 0.00	37.74 -2.67 0.00	36.56 -2.54 0.00	36.43 -2.53 0.00	39.11 -2.50 0.00	44.66 -2.65 0.00	58.95 -3.43 0.00	68.81 -5.18 0.00	56.02 -3.39 0.00	41.90 -3.11 0.00	39.27 -2.73 0.00	36.42 -2.74 0.00	34.73 -2.41 0.00	33.37 -2.51 0.00	32.96 -2.48 0.00	34.27 -2.23 0.00	37.26 -2.42 0.00	46.53 -3.61 0.00	63.29 -4.62 0.00	69.20 -5.77 0.00	59.75 -4.43 0.00	49.45 -4.42 0.00	43.18 -3.50 0.00	39.36 -2.47 0.00
RAVENSWOOD_GT2_1 24244	45.34 2.04 0.00	42.23 1.82 0.00	40.83 1.72 0.00	40.68 1.71 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.31 2.93 0.00	77.77 3.77 0.00	62.43 3.03 0.00	47.85 2.84 0.00	44.47 2.48 0.00	41.48 2.31 0.00	39.27 2.12 0.00	38.08 2.19 -0.02	37.53 2.09 0.00	38.65 2.15 0.00	41.98 2.30 0.00	53.05 2.91 0.00	70.96 3.06 0.00	78.72 3.75 0.00	67.32 3.14 0.00	56.62 2.75 0.00	49.15 2.47 0.00	44.01 2.18 0.00

RAVENSWOOD_GT2_2 24245	45.34 2.04 0.00	42.23 1.82 0.00	40.83 1.72 0.00	40.68 1.71 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.31 2.93 0.00	77.77 3.77 0.00	62.43 3.03 0.00	47.85 2.84 0.00	44.47 2.48 0.00	41.48 2.31 0.00	39.27 2.12 0.00	38.08 2.19 -0.02	37.53 2.09 0.00	38.65 2.15 0.00	41.98 2.30 0.00	53.05 2.91 0.00	70.96 3.06 0.00	78.72 3.75 0.00	67.32 3.14 0.00	56.62 2.75 0.00	49.15 2.47 0.00	44.01 2.18 0.00
RAVENSWOOD_GT2_3 24246	45.38 2.08 0.00	42.27 1.86 0.00	40.83 1.72 0.00	40.68 1.71 0.00	43.52 1.91 0.00	49.48 2.18 0.00	65.37 2.99 0.00	77.77 3.77 0.00	62.49 3.09 0.00	47.89 2.88 0.00	44.47 2.48 0.00	41.48 2.31 0.00	39.30 2.15 0.00	38.12 2.22 -0.02	37.53 2.09 0.00	38.65 2.15 0.00	41.98 2.30 0.00	53.05 2.91 0.00	71.03 3.12 0.00	78.80 3.82 0.00	67.38 3.21 0.00	56.67 2.80 0.00	49.15 2.47 0.00	44.01 2.18 0.00
RAVENSWOOD_GT2_4 24247	45.38 2.08 0.00	42.27 1.86 0.00	40.83 1.72 0.00	40.68 1.71 0.00	43.52 1.91 0.00	49.48 2.18 0.00	65.37 2.99 0.00	77.77 3.77 0.00	62.49 3.09 0.00	47.89 2.88 0.00	44.47 2.48 0.00	41.48 2.31 0.00	39.30 2.15 0.00	38.12 2.22 -0.02	37.53 2.09 0.00	38.65 2.15 0.00	41.98 2.30 0.00	53.05 2.91 0.00	71.03 3.12 0.00	78.80 3.82 0.00	67.38 3.21 0.00	56.67 2.80 0.00	49.15 2.47 0.00	44.01 2.18 0.00
RAVENSWOOD_GT3_1 24248	45.34 2.04 0.00	42.23 1.82 0.00	40.83 1.72 0.00	40.68 1.71 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.31 2.93 0.00	77.77 3.77 0.00	62.43 3.03 0.00	47.85 2.84 0.00	44.47 2.48 0.00	41.48 2.31 0.00	39.27 2.12 0.00	38.08 2.19 -0.02	37.53 2.09 0.00	38.65 2.15 0.00	41.98 2.30 0.00	53.05 2.91 0.00	71.03 3.12 0.00	78.72 3.75 0.00	67.32 3.14 0.00	56.62 2.75 0.00	49.15 2.47 0.00	44.01 2.18 0.00
RAVENSWOOD_GT3_2 24249	45.34 2.04 0.00	42.23 1.82 0.00	40.83 1.72 0.00	40.68 1.71 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.31 2.93 0.00	77.77 3.77 0.00	62.43 3.03 0.00	47.85 2.84 0.00	44.47 2.48 0.00	41.48 2.31 0.00	39.27 2.12 0.00	38.08 2.19 -0.02	37.53 2.09 0.00	38.65 2.15 0.00	41.98 2.30 0.00	53.05 2.91 0.00	71.03 3.12 0.00	78.72 3.75 0.00	67.32 3.14 0.00	56.62 2.75 0.00	49.15 2.47 0.00	44.01 2.18 0.00
RAVENSWOOD_GT3_3 24250	45.42 2.12 0.00	42.31 1.90 0.00	40.87 1.76 0.00	40.72 1.75 0.00	43.52 1.91 0.00	49.53 2.22 0.00	65.37 2.99 0.00	77.84 3.77 0.00	62.55 3.15 0.00	47.94 2.93 0.00	44.52 2.52 0.00	41.51 2.35 0.00	39.30 2.15 0.00	38.15 2.26 -0.02	37.57 2.13 0.00	38.69 2.19 0.00	42.02 2.34 0.00	53.10 2.96 0.00	71.10 3.19 0.00	78.87 3.90 0.00	67.45 3.27 0.00	56.73 2.86 0.00	49.20 2.52 0.00	44.05 2.22 0.00
RAVENSWOOD_GT3_4 24251	45.42 2.12 0.00	42.31 1.90 0.00	40.87 1.76 0.00	40.72 1.75 0.00	43.52 1.91 0.00	49.53 2.22 0.00	65.37 2.99 0.00	77.84 3.85 0.00	62.55 3.15 0.00	47.94 2.93 0.00	44.52 2.52 0.00	41.51 2.35 0.00	39.30 2.15 0.00	38.15 2.26 -0.02	37.57 2.13 0.00	38.69 2.19 0.00	42.02 2.34 0.00	53.10 2.96 0.00	71.10 3.19 0.00	78.87 3.90 0.00	67.45 3.27 0.00	56.73 2.86 0.00	49.20 2.52 0.00	44.05 2.22 0.00
RAVENSWOOD_GT_1 23729	47.45 2.29 -1.85	44.67 2.06 -2.20	43.42 1.92 -2.39	43.33 1.95 -2.42	45.73 2.12 -2.00	50.79 2.32 -1.16	65.37 2.99 0.00	77.91 3.92 0.00	62.74 3.21 -0.12	50.26 3.06 -2.19	47.08 2.69 -2.39	45.23 2.55 -3.52	42.80 2.30 -3.34	42.64 2.40 -4.36	41.84 2.30 -4.09	41.72 2.34 -2.89	44.84 2.50 -2.66	61.71 3.11 -8.46	71.04 3.12 -0.01	83.50 3.82 -4.70	67.79 3.21 -0.40	57.56 2.86 -0.84	51.22 2.61 -1.93	46.49 2.38 -2.27
RAVENSWOOD_GT_10 24258	45.34 2.04 0.00	42.23 1.82 0.00	40.83 1.72 0.00	40.68 1.71 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.31 2.93 0.00	77.77 3.77 0.00	62.43 3.03 0.00	47.85 2.84 0.00	44.43 2.44 0.00	41.40 2.31 0.07	39.22 2.12 0.05	38.21 2.19 -0.15	37.62 2.09 -0.09	38.65 2.15 0.00	41.98 2.30 0.00	53.05 2.91 0.00	71.03 3.12 0.00	78.72 3.75 0.00	67.32 3.14 0.00	56.62 2.75 0.00	49.15 2.47 0.00	44.01 2.18 0.00
RAVENSWOOD_GT_11 24259	45.34 2.04 0.00	42.23 1.82 0.00	40.83 1.72 0.00	40.68 1.71 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.31 2.93 0.00	77.77 3.77 0.00	62.43 3.03 0.00	47.85 2.84 0.00	44.43 2.44 0.00	41.40 2.31 0.07	39.22 2.12 0.05	38.21 2.19 -0.15	37.62 2.09 -0.09	38.65 2.15 0.00	41.98 2.30 0.00	53.05 2.91 0.00	71.03 3.12 0.00	78.72 3.75 0.00	67.32 3.14 0.00	56.62 2.75 0.00	49.15 2.47 0.00	44.01 2.18 0.00
RAVENSWOOD_GT_4 24252	46.69 1.99 -1.40	43.85 1.78 -1.66	42.60 1.68 -1.81	42.46 1.68 -1.83	44.96 1.83 -1.52	50.32 2.13 -0.89	65.31 2.93 0.00	77.77 3.77 0.00	62.53 3.03 -0.09	49.51 2.84 -1.66	46.25 2.44 -1.82	43.04 2.27 -1.61	41.01 2.08 -1.78	41.35 2.15 -3.32	40.62 2.06 -3.12	40.81 2.12 -2.20	43.97 2.26 -2.02	59.45 2.86 -6.45	71.04 3.12 -0.01	82.30 3.75 -3.58	67.69 3.21 -0.31	57.26 2.75 -0.64	50.57 2.43 -1.47	45.70 2.13 -1.73
RAVENSWOOD_GT_5 24254	46.69 1.99 -1.40	43.85 1.78 -1.66	42.60 1.68 -1.81	42.46 1.68 -1.83	44.96 1.83 -1.52	50.32 2.13 -0.89	65.31 2.93 0.00	77.77 3.77 0.00	62.53 3.03 -0.09	49.51 2.84 -1.66	46.25 2.44 -1.82	43.04 2.27 -1.61	41.01 2.08 -1.78	41.35 2.15 -3.32	40.62 2.06 -3.12	40.81 2.12 -2.20	43.97 2.26 -2.02	59.45 2.86 -6.45	71.04 3.12 -0.01	82.30 3.75 -3.58	67.69 3.21 -0.31	57.26 2.75 -0.64	50.57 2.43 -1.47	45.70 2.13 -1.73
RAVENSWOOD_GT_6 24253	46.69 1.99 -1.40	43.85 1.78 -1.66	42.60 1.68 -1.81	42.46 1.68 -1.83	44.96 1.83 -1.52	50.32 2.13 -0.89	65.31 2.93 0.00	77.77 3.77 0.00	62.53 3.03 -0.09	49.51 2.84 -1.66	46.25 2.44 -1.82	43.04 2.27 -1.61	41.01 2.08 -1.78	41.35 2.15 -3.32	40.62 2.06 -3.12	40.81 2.12 -2.20	43.97 2.26 -2.02	59.45 2.86 -6.45	71.04 3.12 -0.01	82.30 3.75 -3.58	67.69 3.21 -0.31	57.26 2.75 -0.64	50.57 2.43 -1.47	45.70 2.13 -1.73
RAVENSWOOD_GT_7 24255	46.69 1.99 -1.40	43.85 1.78 -1.66	42.60 1.68 -1.81	42.46 1.68 -1.83	44.96 1.83 -1.52	50.32 2.13 -0.89	65.31 2.93 0.00	77.77 3.77 0.00	62.53 3.03 -0.09	49.51 2.84 -1.66	46.25 2.44 -1.82	43.04 2.27 -1.61	41.01 2.08 -1.78	41.35 2.15 -3.32	40.62 2.06 -3.12	40.81 2.12 -2.20	43.97 2.26 -2.02	59.45 2.86 -6.45	71.04 3.12 -0.01	82.30 3.75 -3.58	67.69 3.21 -0.31	57.26 2.75 -0.64	50.57 2.43 -1.47	45.70 2.13 -1.73
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.34 2.04 0.00	42.23 1.82 0.00	40.83 1.72 0.00	40.68 1.71 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.31 2.93 0.00	77.77 3.77 0.00	62.43 3.03 0.00	47.85 2.84 0.00	44.43 2.44 0.00	41.40 2.31 0.07	39.22 2.12 0.05	38.21 2.19 -0.15	37.62 2.09 -0.09	38.65 2.15 0.00	41.98 2.30 0.00	53.05 2.91 0.00	71.03 3.12 0.00	78.72 3.75 0.00	67.32 3.14 0.00	56.62 2.75 0.00	49.15 2.47 0.00	44.01 2.18 0.00

RAVENSWOOD_GT_9 24257	45.34 2.04 0.00	42.23 1.82 0.00	40.83 1.72 0.00	40.68 1.71 0.00	43.48 1.87 0.00	49.48 2.18 0.00	65.31 2.93 0.00	77.77 3.77 0.00	62.43 3.03 0.00	47.85 2.84 0.00	44.43 2.44 0.00	41.40 2.31 0.07	39.22 2.12 0.05	38.21 2.19 -0.15	37.62 2.09 -0.09	38.65 2.15 0.00	41.98 2.30 0.00	53.05 2.91 0.00	71.03 3.12 0.00	78.72 3.75 0.00	67.32 3.14 0.00	56.62 2.75 0.00	49.15 2.47 0.00	44.01 2.18 0.00
RAVENSWOOD___1 23533	45.43 2.12 -0.01	42.32 1.90 -0.01	40.91 1.80 -0.01	40.76 1.79 -0.01	43.56 1.96 0.00	49.30 1.99 0.00	65.19 2.81 0.00	77.76 3.77 0.00	62.55 3.15 0.00	48.03 3.02 0.00	44.72 2.73 0.00	42.49 2.62 -0.70	40.36 2.71 -0.50	39.66 2.44 -1.34	38.55 2.23 -0.87	39.16 2.66 0.00	42.50 2.82 0.00	53.25 3.11 0.00	71.03 3.13 0.00	78.79 3.82 0.00	67.44 3.27 0.00	56.72 2.85 0.00	49.34 2.66 0.00	44.26 2.43 0.00
RAVENSWOOD___2 23534	45.43 2.12 -0.01	42.28 1.86 -0.01	40.91 1.80 -0.01	40.76 1.79 -0.01	43.56 1.96 0.00	49.30 1.99 0.00	65.12 2.74 0.00	77.76 3.77 0.00	62.55 3.15 0.00	48.03 3.02 0.00	44.72 2.73 0.00	42.49 2.62 -0.70	40.35 2.71 -0.50	39.67 2.44 -1.35	38.52 2.20 -0.88	39.16 2.66 0.00	42.50 2.82 0.00	53.25 3.11 0.00	71.03 3.13 0.00	78.79 3.82 0.00	67.44 3.27 0.00	56.72 2.85 0.00	49.34 2.66 0.00	44.26 2.43 0.00
RAVENSWOOD___3 23535	45.20 1.90 0.00	42.07 1.66 0.00	40.71 1.60 0.00	40.56 1.60 0.00	43.35 1.75 0.00	49.15 1.84 0.00	65.12 2.74 0.00	77.69 3.70 0.00	62.37 2.97 0.00	47.85 2.84 0.00	44.56 2.56 0.00	41.59 2.43 0.00	39.42 2.27 0.00	38.12 2.23 -0.02	37.57 2.13 0.00	38.76 2.26 0.00	42.06 2.38 0.00	53.05 2.91 0.00	71.03 3.13 0.00	78.72 3.75 0.00	67.44 3.27 0.00	56.72 2.85 0.00	49.29 2.61 0.00	44.13 2.30 0.00
RAVENSWOOD___4 23820	43.62 2.12 1.81	40.12 1.86 2.15	38.57 1.80 2.34	38.39 1.79 2.36	41.55 1.91 1.97	48.15 1.99 1.15	65.12 2.74 0.00	77.76 3.77 0.00	62.37 3.09 0.12	45.87 3.02 2.15	42.37 2.73 2.36	39.71 2.62 2.08	37.52 2.71 2.34	36.70 2.44 1.62	35.35 2.20 2.29	36.28 2.66 2.88	39.88 2.82 2.62	44.87 3.06 8.34	71.03 3.13 0.01	74.16 3.82 4.63	67.05 3.27 0.40	55.90 2.85 0.83	47.39 2.61 1.90	42.02 2.43 2.24
RCPL_TRUST___DRP 24196	45.29 1.99 0.00	42.19 1.78 0.00	40.75 1.64 0.00	40.64 1.68 0.00	43.44 1.83 0.00	49.44 2.13 0.00	65.37 2.99 0.00	77.84 3.85 0.00	62.43 3.03 0.00	47.85 2.84 0.00	44.43 2.44 0.00	41.44 2.27 0.00	39.23 2.08 0.00	38.04 2.15 -0.01	37.50 2.06 0.00	38.61 2.12 0.00	41.94 2.26 0.00	53.05 2.91 0.00	71.03 3.12 0.00	78.80 3.82 0.00	67.38 3.21 0.00	56.62 2.75 0.00	49.10 2.43 0.00	43.97 2.13 0.00
RED___ROCHESTER 323720	41.22 -2.08 0.00	38.67 -1.74 0.00	37.43 -1.68 0.00	37.33 -1.63 0.00	40.02 -1.58 0.00	45.65 -1.66 0.00	60.45 -1.93 0.00	70.66 -3.33 0.00	57.27 -2.14 0.00	42.76 -2.25 0.00	39.90 -2.10 0.00	37.05 -2.12 0.00	35.18 -1.97 0.00	33.94 -1.94 0.00	33.53 -1.91 0.00	34.71 -1.79 0.00	37.78 -1.90 0.00	47.69 -2.46 0.00	64.92 -2.99 0.00	71.38 -3.60 0.00	61.16 -3.02 0.00	51.01 -2.86 0.00	44.34 -2.33 0.00	39.95 -1.88 0.00
REGAN___SOLAR 323812	46.16 2.86 0.00	43.03 2.63 0.00	41.61 2.50 0.00	41.38 2.42 0.00	44.27 2.67 0.00	50.48 3.17 0.00	67.18 4.80 0.00	80.21 6.22 0.00	63.45 4.04 0.00	47.17 2.16 0.00	43.72 1.72 0.00	40.65 1.49 0.00	38.52 1.38 0.00	37.17 1.29 0.00	36.68 1.24 0.00	37.81 1.31 0.00	41.47 1.79 0.00	52.95 2.81 0.00	72.39 4.48 0.00	80.67 5.70 0.00	68.66 4.49 0.00	57.70 3.83 0.00	49.81 3.13 0.00	44.51 2.68 0.00
RENSSELAER___COGEN 23796	44.95 1.65 0.00	41.91 1.50 0.00	40.55 1.45 0.00	40.36 1.40 0.00	43.10 1.50 0.00	48.96 1.65 0.00	64.69 2.31 0.00	76.80 2.81 0.00	61.54 2.14 0.00	46.72 1.71 0.00	43.59 1.60 0.00	40.69 1.53 0.00	38.56 1.41 0.00	37.24 1.36 0.00	36.76 1.31 0.00	37.81 1.31 0.00	41.15 1.47 0.00	52.00 1.86 0.00	70.22 2.31 0.00	77.60 2.62 0.00	66.36 2.18 0.00	55.92 2.05 0.00	48.45 1.77 0.00	43.51 1.68 0.00
REPUBLIC_115KV_BARTNBRK 55605	47.93 4.63 0.00	44.69 4.28 0.00	43.17 4.07 0.00	42.86 3.90 0.00	45.89 4.29 0.00	51.47 4.16 0.00	68.56 6.18 0.00	82.28 8.29 0.00	65.05 5.64 0.00	48.61 3.60 0.00	44.77 2.77 0.00	41.67 2.51 0.00	39.27 2.12 0.00	37.78 1.90 0.00	37.29 1.84 0.00	38.47 1.97 0.00	42.10 2.42 0.00	53.95 3.81 0.00	73.88 5.98 0.00	82.62 7.65 0.00	70.21 6.03 0.00	58.72 4.85 0.00	51.63 4.95 0.00	46.14 4.31 0.00
REVERE_CPFR_DRP 24186	44.25 0.95 0.00	41.30 0.89 0.00	39.93 0.82 0.00	39.78 0.82 0.00	42.60 1.00 0.00	48.49 1.18 0.00	64.38 2.00 0.00	76.58 2.59 0.00	61.30 1.90 0.00	45.96 0.95 0.00	42.75 0.76 0.00	39.75 0.59 0.00	37.71 0.56 0.00	36.34 0.47 0.00	35.98 0.53 0.00	37.08 0.58 0.00	40.40 0.71 0.00	51.40 1.25 0.00	70.49 2.58 0.00	77.90 2.92 0.00	66.55 2.37 0.00	55.59 1.72 0.00	47.98 1.31 0.00	42.88 1.05 0.00
REYNOLDS_115KV_TB3 80639	45.08 1.78 0.00	42.03 1.62 0.00	40.67 1.56 0.00	40.48 1.52 0.00	43.23 1.62 0.00	49.11 1.80 0.00	64.69 2.31 0.00	76.58 2.59 0.00	61.42 2.02 0.00	46.77 1.76 0.00	43.68 1.68 0.00	40.81 1.64 0.00	38.67 1.52 0.00	37.35 1.47 0.00	36.86 1.42 0.00	37.88 1.39 0.00	41.27 1.59 0.00	52.10 1.96 0.00	70.08 2.17 0.00	77.37 2.40 0.00	66.16 1.99 0.00	55.81 1.94 0.00	48.45 1.77 0.00	43.59 1.76 0.00
RIVERBAY____ 323610	45.91 2.60 -0.01	42.76 2.34 -0.01	41.30 2.19 -0.01	41.19 2.22 -0.01	44.10 2.50 0.00	49.86 2.55 0.00	65.56 3.18 0.00	77.91 3.92 0.00	62.61 3.21 0.00	47.98 2.97 0.00	44.56 2.56 0.00	41.58 2.43 0.01	39.33 2.19 0.01	38.15 2.26 -0.01	37.61 2.16 -0.01	38.69 2.19 0.00	42.02 2.34 0.00	53.00 2.86 0.00	70.76 2.85 0.00	78.57 3.60 0.00	67.13 2.95 0.00	56.56 2.69 0.00	49.29 2.61 0.00	44.30 2.47 0.00
RIVERSIDE_115KV_TB3 55908	45.08 1.78 0.00	42.03 1.62 0.00	40.67 1.56 0.00	40.52 1.56 0.00	43.27 1.66 0.00	49.15 1.85 0.00	64.81 2.43 0.00	76.80 2.81 0.00	61.60 2.20 0.00	46.81 1.80 0.00	43.68 1.68 0.00	40.81 1.64 0.00	38.63 1.49 0.00	37.35 1.47 0.00	36.86 1.42 0.00	37.88 1.39 0.00	41.27 1.59 0.00	52.15 2.01 0.00	70.22 2.31 0.00	77.60 2.62 0.00	66.36 2.18 0.00	55.92 2.05 0.00	48.50 1.82 0.00	43.59 1.76 0.00
ROARING___BROOK_WT_PWR 323790	42.48 -0.82 0.00	39.56 -0.85 0.00	38.28 -0.82 0.00	38.14 -0.82 0.00	40.73 -0.88 0.00	46.46 -0.85 0.00	61.45 -0.93 0.00	73.18 -0.81 0.00	58.93 -0.48 0.00	44.70 -0.31 0.00	41.75 -0.25 0.00	38.93 -0.23 0.00	36.93 -0.22 0.00	35.66 -0.21 0.00	35.30 -0.14 0.00	36.39 -0.11 0.00	39.64 -0.04 0.00	50.19 0.05 0.00	68.18 0.27 0.00	75.12 0.15 0.00	64.17 0.00 0.00	53.66 -0.21 0.00	46.26 -0.42 0.00	41.16 -0.67 0.00

ROCHESRG_115KV_T4 355643	40.88 -2.42 0.00	38.27 -2.14 0.00	37.07 -2.03 0.00	36.94 -2.03 0.00	39.61 -2.00 0.00	45.09 -2.22 0.00	59.39 -2.99 0.00	69.85 -4.14 0.00	56.61 -2.79 0.00	42.40 -2.61 0.00	39.64 -2.35 0.00	36.81 -2.35 0.00	35.03 -2.12 0.00	33.69 -2.19 0.00	33.32 -2.13 0.00	34.53 -1.97 0.00	37.50 -2.18 0.00	47.13 -3.01 0.00	64.11 -3.80 0.00	70.47 -4.50 0.00	60.52 -3.66 0.00	50.48 -3.39 0.00	43.88 -2.80 0.00	39.61 -2.22 0.00
ROCHESTER_9_IC 23652	41.09 -2.21 0.00	38.43 -1.98 0.00	37.23 -1.88 0.00	37.09 -1.87 0.00	39.82 -1.79 0.00	45.32 -1.99 0.00	59.76 -2.62 0.00	70.29 -3.70 0.00	56.97 -2.44 0.00	42.62 -2.39 0.00	39.85 -2.14 0.00	36.97 -2.19 0.00	35.22 -1.93 0.00	33.87 -2.01 0.00	33.46 -1.98 0.00	34.71 -1.79 0.00	37.70 -1.98 0.00	47.38 -2.76 0.00	64.51 -3.40 0.00	70.92 -4.05 0.00	60.90 -3.27 0.00	50.80 -3.07 0.00	44.11 -2.57 0.00	39.78 -2.05 0.00
ROCKVIEW_13_KV_LD 356306	45.29 1.99 0.00	42.19 1.78 0.00	40.79 1.68 0.00	40.64 1.68 0.00	43.44 1.83 0.00	49.44 2.13 0.00	65.31 2.93 0.00	77.69 3.70 0.00	62.37 2.97 0.00	47.67 2.66 0.00	44.26 2.27 0.00	41.32 2.15 0.00	39.12 1.97 0.00	37.92 2.05 0.00	37.39 1.95 0.00	38.50 2.01 0.00	41.86 2.18 0.00	52.95 2.81 0.00	71.03 3.12 0.00	78.72 3.75 0.00	67.38 3.21 0.00	56.67 2.80 0.00	49.10 2.43 0.00	43.92 2.09 0.00
ROME____115KV_TB2 80656	44.25 0.95 0.00	41.30 0.89 0.00	39.93 0.82 0.00	39.78 0.82 0.00	42.60 1.00 0.00	48.49 1.18 0.00	64.38 2.00 0.00	76.58 2.59 0.00	61.30 1.90 0.00	45.96 0.95 0.00	42.75 0.76 0.00	39.75 0.59 0.00	37.71 0.56 0.00	36.34 0.47 0.00	35.98 0.53 0.00	37.08 0.58 0.00	40.40 0.71 0.00	51.40 1.25 0.00	70.49 2.58 0.00	77.90 2.92 0.00	66.55 2.37 0.00	55.59 1.72 0.00	47.98 1.31 0.00	42.88 1.05 0.00
ROSETON___1 23587	44.73 1.43 0.00	41.70 1.29 0.00	40.36 1.25 0.00	40.21 1.25 0.00	42.90 1.29 0.00	48.73 1.42 0.00	64.44 2.06 0.00	76.73 2.74 0.00	61.54 2.14 0.00	46.99 1.98 0.00	43.80 1.80 0.00	40.89 1.72 0.00	38.75 1.60 0.00	37.45 1.58 0.00	36.97 1.52 0.00	38.06 1.57 0.00	41.35 1.67 0.00	52.25 2.11 0.00	70.15 2.24 0.00	77.67 2.70 0.00	66.55 2.38 0.00	55.97 2.10 0.00	48.59 1.91 0.00	43.55 1.72 0.00
ROSETON___2 23588	44.73 1.43 0.00	41.70 1.29 0.00	40.36 1.25 0.00	40.21 1.25 0.00	42.90 1.29 0.00	48.73 1.42 0.00	64.44 2.06 0.00	76.73 2.74 0.00	61.54 2.14 0.00	46.99 1.98 0.00	43.80 1.80 0.00	40.89 1.72 0.00	38.75 1.60 0.00	37.45 1.58 0.00	36.97 1.52 0.00	38.06 1.57 0.00	41.35 1.67 0.00	52.25 2.11 0.00	70.15 2.24 0.00	77.67 2.70 0.00	66.55 2.38 0.00	55.97 2.10 0.00	48.59 1.91 0.00	43.55 1.72 0.00
ROTRDAM_115KV_TB3 80664	44.64 1.34 0.00	41.66 1.25 0.00	40.28 1.17 0.00	40.13 1.17 0.00	42.85 1.25 0.00	48.63 1.32 0.00	64.19 1.81 0.00	76.21 2.22 0.00	61.01 1.60 0.00	46.23 1.22 0.00	43.00 1.01 0.00	40.14 0.98 0.00	38.04 0.89 0.00	36.74 0.86 0.00	36.26 0.82 0.00	37.30 0.80 0.00	40.63 0.95 0.00	51.50 1.35 0.00	69.61 1.70 0.00	77.00 2.02 0.00	65.84 1.67 0.00	55.38 1.51 0.00	48.12 1.45 0.00	43.17 1.34 0.00
RUSSELL___1 23602	41.27 -2.04 0.00	38.59 -1.82 0.00	37.39 -1.72 0.00	37.25 -1.71 0.00	39.98 -1.62 0.00	45.51 -1.80 0.00	60.07 -2.31 0.00	70.66 -3.33 0.00	57.27 -2.14 0.00	42.80 -2.21 0.00	40.02 -1.97 0.00	37.13 -2.04 0.00	35.37 -1.78 0.00	34.01 -1.87 0.00	33.60 -1.84 0.00	34.89 -1.61 0.00	37.90 -1.79 0.00	47.68 -2.46 0.00	64.92 -2.99 0.00	71.37 -3.60 0.00	61.29 -2.89 0.00	51.07 -2.80 0.00	44.34 -2.33 0.00	39.95 -1.88 0.00
RUSSELL___2 23532	41.27 -2.04 0.00	38.59 -1.82 0.00	37.39 -1.72 0.00	37.25 -1.71 0.00	39.98 -1.62 0.00	45.51 -1.80 0.00	60.07 -2.31 0.00	70.66 -3.33 0.00	57.27 -2.14 0.00	42.80 -2.21 0.00	40.02 -1.97 0.00	37.13 -2.04 0.00	35.37 -1.78 0.00	34.01 -1.87 0.00	33.60 -1.84 0.00	34.89 -1.61 0.00	37.90 -1.79 0.00	47.68 -2.46 0.00	64.92 -2.99 0.00	71.37 -3.60 0.00	61.29 -2.89 0.00	51.07 -2.80 0.00	44.34 -2.33 0.00	39.95 -1.88 0.00
RUSSELL___3 23549	41.27 -2.04 0.00	38.59 -1.82 0.00	37.39 -1.72 0.00	37.25 -1.71 0.00	39.98 -1.62 0.00	45.51 -1.80 0.00	60.07 -2.31 0.00	70.66 -3.33 0.00	57.27 -2.14 0.00	42.80 -2.21 0.00	40.02 -1.97 0.00	37.13 -2.04 0.00	35.37 -1.78 0.00	34.01 -1.87 0.00	33.60 -1.84 0.00	34.89 -1.61 0.00	37.90 -1.79 0.00	47.68 -2.46 0.00	64.92 -2.99 0.00	71.37 -3.60 0.00	61.29 -2.89 0.00	51.07 -2.80 0.00	44.34 -2.33 0.00	39.95 -1.88 0.00
RUSSELL___4 23556	41.27 -2.04 0.00	38.59 -1.82 0.00	37.39 -1.72 0.00	37.25 -1.71 0.00	39.98 -1.62 0.00	45.51 -1.80 0.00	60.07 -2.31 0.00	70.66 -3.33 0.00	57.27 -2.14 0.00	42.80 -2.21 0.00	40.02 -1.97 0.00	37.13 -2.04 0.00	35.37 -1.78 0.00	34.01 -1.87 0.00	33.60 -1.84 0.00	34.89 -1.61 0.00	37.90 -1.79 0.00	47.68 -2.46 0.00	64.92 -2.99 0.00	71.37 -3.60 0.00	61.29 -2.89 0.00	51.07 -2.80 0.00	44.34 -2.33 0.00	39.95 -1.88 0.00
RUSSELL__STATION 23914	41.27 -2.04 0.00	38.59 -1.82 0.00	37.39 -1.72 0.00	37.25 -1.71 0.00	39.98 -1.62 0.00	45.51 -1.80 0.00	60.07 -2.31 0.00	70.66 -3.33 0.00	57.27 -2.14 0.00	42.80 -2.21 0.00	40.02 -1.97 0.00	37.13 -2.04 0.00	35.37 -1.78 0.00	34.01 -1.87 0.00	33.60 -1.84 0.00	34.89 -1.61 0.00	37.90 -1.79 0.00	47.68 -2.46 0.00	64.92 -2.99 0.00	71.37 -3.60 0.00	61.29 -2.89 0.00	51.07 -2.80 0.00	44.34 -2.33 0.00	39.95 -1.88 0.00
S SALMON__HYD 24043	42.44 -0.87 0.00	39.60 -0.81 0.00	38.32 -0.78 0.00	38.22 -0.74 0.00	40.90 -0.71 0.00	46.46 -0.85 0.00	61.32 -1.06 0.00	72.73 -1.26 0.00	58.27 -1.13 0.00	43.70 -1.31 0.00	40.78 -1.22 0.00	37.99 -1.17 0.00	36.07 -1.08 0.00	34.77 -1.11 0.00	34.38 -1.06 0.00	35.40 -1.09 0.00	38.37 -1.31 0.00	48.69 -1.46 0.00	66.62 -1.29 0.00	73.70 -1.27 0.00	63.14 -1.03 0.00	52.74 -1.13 0.00	45.65 -1.03 0.00	40.87 -0.96 0.00
S.PERRY__115KV_TB1 80734	41.66 -1.65 0.00	38.83 -1.58 0.00	37.66 -1.45 0.00	37.56 -1.40 0.00	40.48 -1.12 0.00	46.27 -1.04 0.00	61.44 -0.94 0.00	72.37 -1.63 0.00	58.10 -1.31 0.00	42.89 -2.12 0.00	39.94 -2.06 0.00	37.01 -2.15 0.00	35.22 -1.93 0.00	33.87 -2.01 0.00	33.49 -1.95 0.00	34.71 -1.79 0.00	37.86 -1.83 0.00	47.99 -2.16 0.00	66.48 -1.43 0.00	73.70 -1.27 0.00	63.27 -0.90 0.00	52.58 -1.29 0.00	45.42 -1.26 0.00	40.70 -1.13 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.88 -3.42 0.00	37.42 -2.99 0.00	36.29 -2.82 0.00	36.12 -2.84 0.00	38.78 -2.83 0.00	44.23 -3.08 0.00	58.20 -4.18 0.00	67.93 -6.07 0.00	55.30 -4.10 0.00	41.36 -3.65 0.00	38.76 -3.23 0.00	35.99 -3.17 0.00	34.33 -2.82 0.00	32.94 -2.94 0.00	32.57 -2.87 0.00	33.83 -2.66 0.00	36.79 -2.90 0.00	45.88 -4.26 0.00	62.41 -5.50 0.00	68.23 -6.75 0.00	58.85 -5.33 0.00	48.86 -5.01 0.00	42.66 -4.01 0.00	38.95 -2.89 0.00

SAWYER___23_KV_LOAD 55526	39.88 -3.42 0.00	37.42 -2.99 0.00	36.29 -2.82 0.00	36.12 -2.84 0.00	38.78 -2.83 0.00	44.23 -3.08 0.00	58.20 -4.18 0.00	67.93 -6.07 0.00	55.30 -4.10 0.00	41.36 -3.65 0.00	38.76 -3.23 0.00	35.99 -3.17 0.00	34.33 -2.82 0.00	32.94 -2.94 0.00	32.57 -2.87 0.00	33.83 -2.66 0.00	36.79 -2.90 0.00	45.88 -4.26 0.00	62.41 -5.50 0.00	68.23 -6.75 0.00	58.85 -5.33 0.00	48.86 -5.01 0.00	42.66 -4.01 0.00	38.95 -2.89 0.00
SELKIRK___I 23801	44.90 1.60 0.00	41.91 1.50 0.00	40.55 1.45 0.00	40.36 1.40 0.00	43.10 1.50 0.00	49.01 1.70 0.00	64.69 2.31 0.00	76.80 2.81 0.00	61.42 2.02 0.00	46.54 1.53 0.00	43.34 1.34 0.00	40.42 1.25 0.00	38.30 1.15 0.00	36.99 1.11 0.00	36.51 1.06 0.00	37.52 1.02 0.00	40.87 1.19 0.00	51.75 1.60 0.00	70.02 2.11 0.00	77.44 2.47 0.00	66.23 2.05 0.00	55.76 1.88 0.00	48.36 1.68 0.00	43.42 1.59 0.00
SELKIRK___II 23799	44.69 1.39 0.00	41.70 1.29 0.00	40.36 1.25 0.00	40.21 1.25 0.00	42.90 1.29 0.00	48.73 1.42 0.00	64.38 2.00 0.00	76.43 2.44 0.00	61.25 1.84 0.00	46.49 1.48 0.00	43.38 1.38 0.00	40.50 1.33 0.00	38.37 1.22 0.00	37.06 1.18 0.00	36.61 1.17 0.00	37.63 1.13 0.00	40.95 1.27 0.00	51.75 1.60 0.00	69.88 1.97 0.00	77.22 2.25 0.00	66.04 1.86 0.00	55.59 1.72 0.00	48.22 1.54 0.00	43.29 1.46 0.00
SENECA OSWGO___HYD 24041	41.83 -1.47 0.00	39.04 -1.37 0.00	37.82 -1.29 0.00	37.71 -1.25 0.00	40.32 -1.29 0.00	45.84 -1.47 0.00	60.38 -2.00 0.00	71.40 -2.59 0.00	57.44 -1.96 0.00	43.30 -1.71 0.00	40.44 -1.55 0.00	37.68 -1.49 0.00	35.78 -1.37 0.00	34.51 -1.36 0.00	34.10 -1.35 0.00	35.11 -1.39 0.00	38.09 -1.59 0.00	48.08 -2.06 0.00	65.40 -2.51 0.00	72.20 -2.77 0.00	61.80 -2.37 0.00	51.77 -2.10 0.00	44.86 -1.82 0.00	40.24 -1.59 0.00
SENECA___115KV_TB3 355854	40.23 -3.07 0.00	37.78 -2.63 0.00	36.64 -2.46 0.00	36.51 -2.45 0.00	39.19 -2.41 0.00	44.75 -2.55 0.00	59.07 -3.31 0.00	68.89 -5.11 0.00	56.14 -3.27 0.00	41.99 -3.02 0.00	39.35 -2.65 0.00	36.50 -2.66 0.00	34.81 -2.34 0.00	33.40 -2.48 0.00	33.03 -2.41 0.00	34.34 -2.15 0.00	37.30 -2.38 0.00	46.63 -3.51 0.00	63.43 -4.48 0.00	69.35 -5.62 0.00	59.81 -4.36 0.00	49.56 -4.31 0.00	43.22 -3.45 0.00	39.41 -2.43 0.00
SENECA___ENERGY 23797	41.91 -1.39 0.00	39.16 -1.25 0.00	37.89 -1.21 0.00	37.79 -1.17 0.00	40.52 -1.08 0.00	46.22 -1.09 0.00	61.07 -1.31 0.00	72.07 -1.92 0.00	58.04 -1.36 0.00	43.61 -1.40 0.00	40.65 -1.35 0.00	37.76 -1.41 0.00	35.85 -1.30 0.00	34.59 -1.29 0.00	34.17 -1.27 0.00	35.26 -1.24 0.00	38.33 -1.35 0.00	48.54 -1.61 0.00	66.14 -1.77 0.00	72.95 -2.02 0.00	62.38 -1.80 0.00	52.26 -1.61 0.00	45.18 -1.50 0.00	40.58 -1.25 0.00
SHOEMAKER___GT 23640	44.47 1.17 0.00	41.46 1.05 0.00	40.16 1.06 0.00	40.01 1.05 0.00	42.69 1.08 0.00	48.44 1.13 0.00	64.12 1.74 0.00	76.29 2.30 0.00	61.13 1.72 0.00	46.54 1.53 0.00	43.34 1.34 0.00	40.46 1.29 0.00	38.30 1.15 0.00	37.03 1.15 0.00	36.58 1.13 0.00	37.66 1.17 0.00	40.95 1.27 0.00	51.75 1.60 0.00	69.74 1.83 0.00	77.22 2.25 0.00	66.16 1.99 0.00	55.59 1.72 0.00	48.27 1.59 0.00	43.25 1.42 0.00
SHOEMAKR_138KV_BK 111 55601	44.56 1.26 0.00	41.54 1.13 0.00	40.20 1.09 0.00	40.05 1.09 0.00	42.77 1.16 0.00	48.63 1.32 0.00	64.25 1.87 0.00	76.29 2.29 0.00	61.19 1.78 0.00	46.59 1.58 0.00	43.30 1.30 0.00	40.38 1.21 0.00	38.26 1.11 0.00	37.03 1.15 0.00	36.54 1.10 0.00	37.63 1.13 0.00	40.95 1.27 0.00	51.75 1.60 0.00	69.74 1.83 0.00	77.22 2.25 0.00	66.10 1.93 0.00	55.54 1.67 0.00	48.22 1.54 0.00	43.17 1.34 0.00
SHOREHAM_IC_1 23715	47.13 3.33 -0.50	43.20 2.79 0.00	41.73 2.62 0.00	41.73 2.77 0.00	44.14 2.54 0.00	49.67 2.36 0.00	64.62 2.24 0.00	76.21 2.22 0.00	60.77 1.37 0.00	47.35 2.34 0.00	44.69 2.69 0.00	41.44 2.27 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.08 1.63 0.00	38.47 1.97 0.00	42.62 2.94 0.00	54.20 4.06 0.00	72.39 4.48 0.00	77.97 3.00 0.00	67.25 3.08 0.00	58.67 3.88 -0.92	50.05 3.36 -0.01	45.48 3.64 -0.01
SHOREHAM_IC_2 23716	47.13 3.33 -0.50	43.20 2.79 0.00	41.73 2.62 0.00	41.73 2.77 0.00	44.14 2.54 0.00	49.67 2.36 0.00	64.62 2.24 0.00	76.21 2.22 0.00	60.77 1.37 0.00	47.35 2.34 0.00	44.69 2.69 0.00	41.44 2.27 0.00	39.04 1.89 0.00	37.74 1.86 0.00	37.08 1.63 0.00	38.47 1.97 0.00	42.62 2.94 0.00	54.20 4.06 0.00	72.39 4.48 0.00	77.97 3.00 0.00	67.25 3.08 0.00	58.67 3.88 -0.92	50.05 3.36 -0.01	45.48 3.64 -0.01
SISSONVILLE____ 23735	43.69 0.39 0.00	40.77 0.36 0.00	39.38 0.27 0.00	39.23 0.27 0.00	41.61 0.00 0.00	47.31 0.00 0.00	62.07 -0.31 0.00	73.92 -0.07 0.00	59.05 -0.36 0.00	44.47 -0.54 0.00	41.32 -0.67 0.00	38.38 -0.78 0.00	36.41 -0.74 0.00	35.16 -0.72 0.00	34.84 -0.60 0.00	35.91 -0.58 0.00	39.25 -0.44 0.00	49.74 -0.40 0.00	68.25 0.34 0.00	75.27 0.30 0.00	64.49 0.32 0.00	54.09 0.22 0.00	46.91 0.23 0.00	41.79 -0.04 0.00
SITHE_IND_GS1 24169	41.57 -1.73 0.00	38.83 -1.58 0.00	37.62 -1.49 0.00	37.48 -1.48 0.00	40.07 -1.54 0.00	45.51 -1.80 0.00	59.82 -2.56 0.00	70.66 -3.33 0.00	56.85 -2.55 0.00	42.99 -2.02 0.00	40.19 -1.80 0.00	37.48 -1.68 0.00	35.59 -1.56 0.00	34.37 -1.51 0.00	33.96 -1.49 0.00	34.96 -1.53 0.00	37.90 -1.78 0.00	47.79 -2.36 0.00	64.85 -3.05 0.00	71.53 -3.45 0.00	61.22 -2.95 0.00	51.34 -2.53 0.00	44.48 -2.19 0.00	39.95 -1.88 0.00
SITHE_IND_GS2 24170	41.57 -1.73 0.00	38.83 -1.58 0.00	37.62 -1.49 0.00	37.48 -1.48 0.00	40.07 -1.54 0.00	45.51 -1.80 0.00	59.82 -2.56 0.00	70.66 -3.33 0.00	56.85 -2.55 0.00	42.99 -2.02 0.00	40.19 -1.80 0.00	37.48 -1.68 0.00	35.59 -1.56 0.00	34.37 -1.51 0.00	33.96 -1.49 0.00	34.96 -1.53 0.00	37.90 -1.78 0.00	47.79 -2.36 0.00	64.85 -3.05 0.00	71.53 -3.45 0.00	61.22 -2.95 0.00	51.34 -2.53 0.00	44.48 -2.19 0.00	39.95 -1.88 0.00
SITHE_IND_GS3 24171	41.57 -1.73 0.00	38.83 -1.58 0.00	37.62 -1.49 0.00	37.48 -1.48 0.00	40.07 -1.54 0.00	45.51 -1.80 0.00	59.82 -2.56 0.00	70.66 -3.33 0.00	56.85 -2.55 0.00	42.99 -2.02 0.00	40.19 -1.80 0.00	37.48 -1.68 0.00	35.59 -1.56 0.00	34.37 -1.51 0.00	33.96 -1.49 0.00	34.96 -1.53 0.00	37.90 -1.78 0.00	47.79 -2.36 0.00	64.85 -3.05 0.00	71.53 -3.45 0.00	61.22 -2.95 0.00	51.34 -2.53 0.00	44.48 -2.19 0.00	39.95 -1.88 0.00
SITHE_IND_GS4 24172	41.57 -1.73 0.00	38.83 -1.58 0.00	37.62 -1.49 0.00	37.48 -1.48 0.00	40.07 -1.54 0.00	45.51 -1.80 0.00	59.82 -2.56 0.00	70.66 -3.33 0.00	56.85 -2.55 0.00	42.99 -2.02 0.00	40.19 -1.80 0.00	37.48 -1.68 0.00	35.59 -1.56 0.00	34.37 -1.51 0.00	33.96 -1.49 0.00	34.96 -1.53 0.00	37.90 -1.78 0.00	47.79 -2.36 0.00	64.85 -3.05 0.00	71.53 -3.45 0.00	61.22 -2.95 0.00	51.34 -2.53 0.00	44.48 -2.19 0.00	39.95 -1.88 0.00

SITHE___BATAVIA 24024	40.92 -2.38 0.00	38.47 -1.94 0.00	37.27 -1.84 0.00	37.17 -1.79 0.00	39.94 -1.67 0.00	45.70 -1.61 0.00	60.76 -1.62 0.00	70.52 -3.48 0.00	57.21 -2.20 0.00	42.45 -2.56 0.00	39.52 -2.48 0.00	36.58 -2.59 0.00	34.70 -2.45 0.00	33.47 -2.40 0.00	33.10 -2.34 0.00	34.31 -2.19 0.00	37.42 -2.26 0.00	47.29 -2.86 0.00	64.58 -3.33 0.00	71.07 -3.90 0.00	61.03 -3.14 0.00	50.74 -3.13 0.00	44.16 -2.52 0.00	39.87 -1.97 0.00
SITHE___INDEPEND 23800	41.44 -1.86 0.00	38.71 -1.70 0.00	37.50 -1.60 0.00	37.40 -1.56 0.00	39.94 -1.66 0.00	45.37 -1.94 0.00	59.70 -2.68 0.00	70.66 -3.33 0.00	56.91 -2.49 0.00	43.03 -1.98 0.00	40.32 -1.68 0.00	37.60 -1.57 0.00	35.70 -1.45 0.00	34.44 -1.44 0.00	34.03 -1.42 0.00	35.07 -1.42 0.00	37.94 -1.75 0.00	47.78 -2.36 0.00	64.85 -3.06 0.00	71.52 -3.45 0.00	61.22 -2.95 0.00	51.39 -2.48 0.00	44.48 -2.19 0.00	39.99 -1.84 0.00
SITHE___MASSENA 23902	43.99 0.69 0.00	41.10 0.69 0.00	39.73 0.62 0.00	39.55 0.59 0.00	42.14 0.54 0.00	48.02 0.71 0.00	62.94 0.56 0.00	74.73 0.74 0.00	59.94 0.53 0.00	45.28 0.27 0.00	42.12 0.13 0.00	39.16 0.00 0.00	37.19 0.04 0.00	35.91 0.04 0.00	35.55 0.11 0.00	36.64 0.15 0.00	39.96 0.28 0.00	50.54 0.40 0.00	68.99 1.08 0.00	76.02 1.05 0.00	65.20 1.02 0.00	54.62 0.75 0.00	47.28 0.61 0.00	42.16 0.33 0.00
SITHE___OGDNSBRG 24021	44.56 1.26 0.00	41.58 1.17 0.00	40.16 1.06 0.00	40.01 1.05 0.00	42.60 1.00 0.00	48.54 1.23 0.00	63.75 1.37 0.00	75.77 1.78 0.00	60.35 0.95 0.00	45.37 0.36 0.00	42.08 0.08 0.00	39.09 -0.08 0.00	37.11 -0.04 0.00	35.81 -0.07 0.00	35.48 0.04 0.00	36.61 0.11 0.00	40.04 0.36 0.00	50.74 0.60 0.00	69.81 1.90 0.00	77.15 2.17 0.00	66.16 1.99 0.00	55.33 1.45 0.00	47.84 1.17 0.00	42.58 0.75 0.00
SITHE___STERLING 23777	43.95 0.65 0.00	41.02 0.61 0.00	39.69 0.59 0.00	39.55 0.59 0.00	42.31 0.71 0.00	48.21 0.90 0.00	63.87 1.49 0.00	75.84 1.85 0.00	60.77 1.37 0.00	45.64 0.63 0.00	42.46 0.46 0.00	39.52 0.35 0.00	37.48 0.33 0.00	36.16 0.29 0.00	35.76 0.32 0.00	36.86 0.36 0.00	40.12 0.44 0.00	50.94 0.80 0.00	69.67 1.76 0.00	77.00 2.03 0.00	65.84 1.67 0.00	55.05 1.18 0.00	47.56 0.88 0.00	42.54 0.71 0.00
SLEIGHT__34_KV_TB1 80719	41.35 -1.95 0.00	38.63 -1.78 0.00	37.42 -1.68 0.00	37.33 -1.64 0.00	40.02 -1.58 0.00	45.56 -1.75 0.00	60.26 -2.12 0.00	71.18 -2.81 0.00	57.56 -1.84 0.00	43.07 -1.94 0.00	40.23 -1.76 0.00	37.32 -1.84 0.00	35.51 -1.63 0.00	34.16 -1.72 0.00	33.78 -1.67 0.00	34.96 -1.53 0.00	37.94 -1.75 0.00	47.84 -2.31 0.00	65.26 -2.65 0.00	71.82 -3.15 0.00	61.54 -2.63 0.00	51.39 -2.48 0.00	44.53 -2.15 0.00	39.99 -1.84 0.00
SOUTH CAIRO___GT 23612	46.46 3.16 0.00	43.36 2.95 0.00	41.92 2.82 0.00	41.77 2.81 0.00	44.60 3.00 0.00	50.76 3.45 0.00	67.50 5.12 0.00	80.13 6.14 0.00	63.50 4.10 0.00	47.53 2.52 0.00	43.84 1.85 0.00	40.81 1.64 0.00	38.60 1.45 0.00	37.28 1.40 0.00	36.83 1.38 0.00	37.88 1.39 0.00	41.47 1.79 0.00	52.90 2.76 0.00	72.25 4.35 0.00	80.30 5.32 0.00	68.73 4.56 0.00	57.64 3.77 0.00	49.94 3.27 0.00	44.68 2.84 0.00
SOUTH HAMPTN___IC 23720	47.48 3.68 -0.50	43.60 3.19 0.00	42.24 3.13 0.00	42.27 3.31 0.00	44.77 3.16 0.00	50.43 3.12 0.00	65.68 3.30 0.00	77.54 3.55 0.00	61.72 2.31 0.00	47.80 2.79 0.00	44.85 2.86 0.00	41.47 2.31 0.00	39.04 1.89 0.00	37.71 1.83 0.00	37.08 1.63 0.00	38.50 2.01 0.00	42.66 2.98 0.00	54.40 4.26 0.00	72.93 5.03 0.00	78.87 3.90 0.00	68.09 3.92 0.00	59.26 4.47 -0.92	50.61 3.92 -0.01	45.98 4.14 -0.01
SOUTHDOW_115KV_TB1 355954	40.36 -2.94 0.00	38.02 -2.38 0.00	36.80 -2.31 0.00	36.78 -2.18 0.00	39.61 -2.00 0.00	45.65 -1.66 0.00	61.26 -1.12 0.00	71.92 -2.07 0.00	58.75 -0.65 0.00	44.02 -0.99 0.00	41.20 -0.80 0.00	38.15 -1.02 0.00	36.37 -0.78 0.00	34.87 -1.00 0.00	34.38 -1.06 0.00	35.73 -0.77 0.00	38.77 -0.91 0.00	48.74 -1.40 0.00	66.28 -1.63 0.00	72.57 -2.40 0.00	62.31 -1.86 0.00	51.18 -2.69 0.00	44.20 -2.47 0.00	40.07 -1.76 0.00
SOUTHOLD_69_KV_BK 2 55809	47.73 3.94 -0.49	44.01 3.60 0.00	42.82 3.72 0.00	42.82 3.86 0.00	45.68 4.08 0.00	51.66 4.35 0.00	66.44 4.05 0.00	78.36 4.37 0.00	62.20 2.79 0.00	47.85 2.84 0.00	44.56 2.56 0.00	41.16 2.00 0.00	38.63 1.49 0.00	37.42 1.54 0.00	36.83 1.38 0.00	38.17 1.68 0.00	42.42 2.74 0.00	54.30 4.16 0.00	73.21 5.30 0.00	79.17 4.20 0.00	68.92 4.75 0.00	59.85 5.06 -0.91	51.21 4.53 0.00	46.22 4.39 0.00
SOUTHOLD___IC 23719	47.56 3.77 -0.50	43.84 3.43 0.00	42.55 3.44 0.00	42.59 3.62 0.00	45.14 3.53 0.00	50.86 3.55 0.00	66.19 3.81 0.00	78.06 4.07 0.00	61.96 2.55 0.00	47.80 2.79 0.00	44.64 2.65 0.00	41.24 2.07 0.00	38.75 1.60 0.00	37.42 1.54 0.00	36.82 1.38 0.00	38.28 1.79 0.00	42.46 2.78 0.00	54.35 4.21 0.00	73.14 5.23 0.00	79.17 4.20 0.00	68.41 4.23 0.00	59.53 4.74 -0.92	50.98 4.29 -0.01	46.36 4.52 -0.01
SOUTH_FORK_WT_PWR 323839	47.35 3.55 -0.50	43.72 3.31 0.00	42.55 3.44 0.00	42.62 3.66 0.00	45.14 3.53 0.00	50.81 3.50 0.00	66.06 3.68 0.00	77.76 3.77 0.00	61.66 2.26 0.00	47.48 2.47 0.00	44.22 2.22 0.00	40.77 1.61 0.00	38.30 1.15 0.00	36.95 1.08 0.00	36.40 0.96 0.00	37.85 1.35 0.00	41.98 2.30 0.00	53.85 3.71 0.00	72.59 4.68 0.00	78.65 3.67 0.00	68.02 3.85 0.00	59.32 4.53 -0.92	50.89 4.20 -0.01	46.36 4.52 -0.01
SPIERFLS_115KV_TB 1 80737	46.12 2.81 0.00	43.04 2.63 0.00	41.61 2.50 0.00	41.38 2.42 0.00	44.23 2.62 0.00	49.25 1.94 0.00	65.13 2.74 0.00	77.69 3.70 0.00	61.84 2.44 0.00	46.68 1.67 0.00	43.13 1.13 0.00	40.22 1.06 0.00	38.04 0.89 0.00	36.63 0.75 0.00	36.15 0.71 0.00	37.19 0.69 0.00	40.63 0.95 0.00	51.75 1.60 0.00	70.29 2.38 0.00	78.12 3.15 0.00	66.55 2.37 0.00	55.97 2.10 0.00	49.57 2.89 0.00	44.51 2.68 0.00
ST LAWRENCE____ 23600	43.39 0.09 0.00	40.49 0.08 0.00	39.15 0.04 0.00	39.00 0.04 0.00	41.61 0.00 0.00	47.36 0.05 0.00	62.32 -0.06 0.00	73.99 0.00 0.00	59.40 0.00 0.00	44.92 -0.09 0.00	41.87 -0.13 0.00	38.97 -0.19 0.00	36.96 -0.18 0.00	35.70 -0.18 0.00	35.30 -0.14 0.00	36.42 -0.07 0.00	39.68 0.00 0.00	50.19 0.05 0.00	68.32 0.41 0.00	75.35 0.38 0.00	64.56 0.39 0.00	54.09 0.22 0.00	46.77 0.09 0.00	41.79 -0.04 0.00
STATE_CA_115KV_115_LB 55624	45.16 1.86 0.00	42.11 1.70 0.00	40.75 1.64 0.00	40.56 1.60 0.00	43.31 1.71 0.00	49.30 1.99 0.00	65.06 2.68 0.00	77.17 3.18 0.00	61.84 2.44 0.00	46.95 1.94 0.00	43.72 1.72 0.00	40.85 1.68 0.00	38.67 1.52 0.00	37.38 1.51 0.00	36.90 1.45 0.00	37.92 1.42 0.00	41.31 1.63 0.00	52.25 2.11 0.00	70.49 2.58 0.00	77.97 3.00 0.00	66.61 2.44 0.00	56.08 2.21 0.00	48.64 1.96 0.00	43.67 1.84 0.00

STATE_ST_34_KV_LOAD 55959	42.39 -0.91 0.00	39.60 -0.81 0.00	38.32 -0.78 0.00	38.22 -0.74 0.00	40.94 -0.67 0.00	46.55 -0.76 0.00	61.57 -0.81 0.00	72.96 -1.04 0.00	58.69 -0.71 0.00	44.20 -0.81 0.00	41.24 -0.76 0.00	38.34 -0.82 0.00	36.41 -0.74 0.00	35.12 -0.75 0.00	34.70 -0.74 0.00	35.80 -0.69 0.00	38.85 -0.83 0.00	49.14 -1.00 0.00	66.96 -0.95 0.00	73.92 -1.05 0.00	63.27 -0.90 0.00	52.90 -0.97 0.00	45.74 -0.93 0.00	41.04 -0.79 0.00
STATION 5_MISC_HYD 23604	41.09 -2.21 0.00	38.51 -1.90 0.00	37.31 -1.80 0.00	37.17 -1.79 0.00	39.86 -1.75 0.00	45.46 -1.85 0.00	60.14 -2.24 0.00	70.30 -3.70 0.00	56.91 -2.49 0.00	42.58 -2.43 0.00	39.73 -2.27 0.00	36.89 -2.27 0.00	35.03 -2.12 0.00	33.80 -2.08 0.00	33.39 -2.06 0.00	34.56 -1.94 0.00	37.58 -2.10 0.00	47.38 -2.76 0.00	64.52 -3.39 0.00	70.92 -4.05 0.00	60.77 -3.40 0.00	50.74 -3.13 0.00	44.11 -2.57 0.00	39.78 -2.05 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.87 -1.43 0.00	39.12 -1.29 0.00	37.89 -1.21 0.00	37.79 -1.17 0.00	40.52 -1.08 0.00	46.17 -1.14 0.00	61.13 -1.25 0.00	72.22 -1.78 0.00	58.45 -0.95 0.00	43.66 -1.35 0.00	40.69 -1.30 0.00	37.79 -1.37 0.00	35.92 -1.23 0.00	34.55 -1.33 0.00	34.17 -1.28 0.00	35.40 -1.09 0.00	38.45 -1.23 0.00	48.64 -1.50 0.00	66.28 -1.63 0.00	73.02 -1.95 0.00	62.50 -1.67 0.00	52.25 -1.62 0.00	45.18 -1.49 0.00	40.53 -1.30 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.92 -2.38 0.00	38.27 -2.14 0.00	37.11 -1.99 0.00	36.97 -1.99 0.00	39.65 -1.96 0.00	45.13 -2.18 0.00	59.51 -2.87 0.00	70.07 -3.92 0.00	56.79 -2.61 0.00	42.49 -2.52 0.00	39.73 -2.27 0.00	36.89 -2.27 0.00	35.11 -2.04 0.00	33.76 -2.12 0.00	33.39 -2.06 0.00	34.60 -1.90 0.00	37.58 -2.10 0.00	47.28 -2.86 0.00	64.38 -3.53 0.00	70.77 -4.20 0.00	60.77 -3.40 0.00	50.64 -3.23 0.00	43.97 -2.71 0.00	39.66 -2.18 0.00
STA_56___34_KV_BUS2 355883	40.92 -2.38 0.00	38.27 -2.14 0.00	37.11 -1.99 0.00	36.97 -1.99 0.00	39.65 -1.96 0.00	45.13 -2.18 0.00	59.51 -2.87 0.00	70.07 -3.92 0.00	56.79 -2.61 0.00	42.49 -2.52 0.00	39.73 -2.27 0.00	36.89 -2.27 0.00	35.11 -2.04 0.00	33.76 -2.12 0.00	33.39 -2.06 0.00	34.60 -1.90 0.00	37.58 -2.10 0.00	47.28 -2.86 0.00	64.38 -3.53 0.00	70.77 -4.20 0.00	60.77 -3.40 0.00	50.64 -3.23 0.00	43.97 -2.71 0.00	39.66 -2.18 0.00
STA_67___115KV_BK2 355882	41.01 -2.29 0.00	38.35 -2.06 0.00	37.19 -1.92 0.00	37.05 -1.91 0.00	39.73 -1.87 0.00	45.23 -2.08 0.00	59.64 -2.74 0.00	70.15 -3.85 0.00	56.79 -2.61 0.00	42.53 -2.48 0.00	39.77 -2.23 0.00	36.89 -2.27 0.00	35.14 -2.01 0.00	33.80 -2.08 0.00	33.39 -2.06 0.00	34.63 -1.86 0.00	37.62 -2.06 0.00	47.28 -2.86 0.00	64.38 -3.53 0.00	70.77 -4.20 0.00	60.77 -3.40 0.00	50.64 -3.23 0.00	44.02 -2.66 0.00	39.70 -2.13 0.00
STA_7___115KV_9TRANS 80674	41.27 -2.04 0.00	38.59 -1.82 0.00	37.39 -1.72 0.00	37.25 -1.71 0.00	39.98 -1.62 0.00	45.51 -1.80 0.00	60.07 -2.31 0.00	70.66 -3.33 0.00	57.27 -2.14 0.00	42.80 -2.21 0.00	40.02 -1.97 0.00	37.13 -2.04 0.00	35.37 -1.78 0.00	34.01 -1.87 0.00	33.60 -1.84 0.00	34.89 -1.61 0.00	37.90 -1.79 0.00	47.68 -2.46 0.00	64.92 -2.99 0.00	71.37 -3.60 0.00	61.29 -2.89 0.00	51.07 -2.80 0.00	44.34 -2.33 0.00	39.95 -1.88 0.00
STA_82___115KV_TB1 80780	41.01 -2.29 0.00	38.35 -2.06 0.00	37.19 -1.92 0.00	37.05 -1.91 0.00	39.73 -1.87 0.00	45.23 -2.08 0.00	59.64 -2.74 0.00	70.15 -3.85 0.00	56.85 -2.55 0.00	42.53 -2.48 0.00	39.77 -2.23 0.00	36.89 -2.27 0.00	35.14 -2.01 0.00	33.80 -2.08 0.00	33.39 -2.06 0.00	34.63 -1.86 0.00	37.62 -2.06 0.00	47.28 -2.86 0.00	64.38 -3.53 0.00	70.77 -4.20 0.00	60.77 -3.40 0.00	50.64 -3.23 0.00	44.02 -2.66 0.00	39.70 -2.13 0.00
STEEL___WIND 323596	40.01 -3.29 0.00	37.78 -2.63 0.00	36.60 -2.50 0.00	36.51 -2.45 0.00	39.11 -2.50 0.00	44.80 -2.51 0.00	59.45 -2.93 0.00	68.81 -5.18 0.00	56.02 -3.38 0.00	41.86 -3.15 0.00	39.18 -2.81 0.00	36.38 -2.78 0.00	34.51 -2.64 0.00	33.33 -2.55 0.00	32.93 -2.52 0.00	34.09 -2.41 0.00	37.10 -2.58 0.00	46.58 -3.56 0.00	63.29 -4.62 0.00	69.27 -5.70 0.00	59.62 -4.55 0.00	49.45 -4.42 0.00	43.18 -3.50 0.00	39.36 -2.47 0.00
STEPHTWN_115KV_BK_2 55603	45.47 2.17 0.00	42.35 1.94 0.00	40.98 1.88 0.00	40.79 1.83 0.00	43.56 1.96 0.00	49.63 2.32 0.00	65.62 3.24 0.00	77.91 3.92 0.00	62.31 2.91 0.00	47.22 2.21 0.00	43.89 1.89 0.00	41.01 1.84 0.00	38.86 1.71 0.00	37.53 1.65 0.00	37.04 1.59 0.00	38.07 1.57 0.00	41.51 1.83 0.00	52.55 2.41 0.00	71.03 3.12 0.00	78.65 3.67 0.00	67.19 3.02 0.00	56.51 2.64 0.00	48.96 2.29 0.00	43.92 2.09 0.00
STEUBEN_REC_LFGE 323667	40.18 -3.12 0.00	37.14 -3.27 0.00	36.09 -3.01 0.00	36.08 -2.88 0.00	38.98 -2.62 0.00	44.75 -2.55 0.00	59.51 -2.87 0.00	70.74 -3.26 0.00	57.27 -2.14 0.00	42.58 -2.43 0.00	39.94 -2.06 0.00	37.13 -2.04 0.00	35.40 -1.75 0.00	34.08 -1.79 0.00	33.71 -1.74 0.00	34.89 -1.61 0.00	38.02 -1.67 0.00	48.14 -2.01 0.00	66.41 -1.49 0.00	73.17 -1.80 0.00	62.63 -1.54 0.00	51.99 -1.89 0.00	44.76 -1.91 0.00	40.16 -1.67 0.00
STILLWATER___SOLAR 323814	45.60 2.29 0.00	42.55 2.14 0.00	41.18 2.07 0.00	40.95 1.99 0.00	43.77 2.16 0.00	49.81 2.51 0.00	65.87 3.49 0.00	78.43 4.44 0.00	62.61 3.21 0.00	47.35 2.34 0.00	44.01 2.02 0.00	41.04 1.88 0.00	38.82 1.67 0.00	37.42 1.54 0.00	36.93 1.49 0.00	37.99 1.50 0.00	41.47 1.79 0.00	52.25 2.11 0.00	70.76 2.85 0.00	78.42 3.45 0.00	66.93 2.76 0.00	56.30 2.43 0.00	48.78 2.10 0.00	43.80 1.97 0.00
STONY___BROOK 24151	47.00 3.20 -0.50	43.08 2.67 0.00	41.65 2.54 0.00	41.57 2.61 0.00	44.19 2.58 0.00	49.86 2.55 0.00	65.19 2.81 0.00	77.33 3.33 0.00	61.78 2.38 0.00	47.80 2.79 0.00	44.81 2.81 0.00	41.59 2.43 0.00	39.19 2.04 0.00	37.89 2.01 0.00	37.39 1.95 0.00	38.76 2.26 0.00	42.70 3.01 0.00	54.25 4.11 0.00	72.32 4.41 0.00	78.79 3.82 0.00	67.89 3.72 0.00	58.78 3.99 -0.92	50.14 3.45 -0.01	45.31 3.47 -0.01
STURGEON_POOL_HYD 23609	44.99 1.69 0.00	41.94 1.54 0.00	40.55 1.45 0.00	40.44 1.48 0.00	43.14 1.54 0.00	49.11 1.80 0.00	64.94 2.56 0.00	77.10 3.11 0.00	61.84 2.44 0.00	47.08 2.07 0.00	43.68 1.68 0.00	40.73 1.57 0.00	38.56 1.41 0.00	37.35 1.47 0.00	36.86 1.42 0.00	37.92 1.42 0.00	41.27 1.59 0.00	52.30 2.16 0.00	70.42 2.51 0.00	77.97 3.00 0.00	66.87 2.70 0.00	56.19 2.32 0.00	48.73 2.05 0.00	43.59 1.76 0.00
ST_LAW_115_BK7_LBMP 345037	43.43 0.13 0.00	40.53 0.12 0.00	39.18 0.08 0.00	39.04 0.08 0.00	41.65 0.04 0.00	47.40 0.09 0.00	62.32 -0.06 0.00	74.07 0.07 0.00	59.40 0.00 0.00	44.92 -0.09 0.00	41.83 -0.17 0.00	38.97 -0.19 0.00	36.96 -0.18 0.00	35.70 -0.18 0.00	35.30 -0.14 0.00	36.39 -0.11 0.00	39.68 0.00 0.00	50.19 0.05 0.00	68.39 0.48 0.00	75.35 0.38 0.00	64.56 0.39 0.00	54.09 0.22 0.00	46.82 0.14 0.00	41.79 -0.04 0.00

ST_LAW_115_BK8_LBMP 345038	43.43 0.13 0.00	40.53 0.12 0.00	39.18 0.08 0.00	39.04 0.08 0.00	41.65 0.04 0.00	47.40 0.09 0.00	62.32 -0.06 0.00	74.07 0.07 0.00	59.40 0.00 0.00	44.92 -0.09 0.00	41.83 -0.17 0.00	38.97 -0.19 0.00	36.96 -0.18 0.00	35.70 -0.18 0.00	35.30 -0.14 0.00	36.39 -0.11 0.00	39.68 0.00 0.00	50.19 0.05 0.00	68.39 0.48 0.00	75.35 0.38 0.00	64.56 0.39 0.00	54.09 0.22 0.00	46.82 0.14 0.00	41.79 -0.04 0.00
ST_LAW_230_BK5_LBMP 345035	43.39 0.09 0.00	40.49 0.08 0.00	39.15 0.04 0.00	39.00 0.04 0.00	41.61 0.00 0.00	47.36 0.05 0.00	62.32 -0.06 0.00	73.99 0.00 0.00	59.40 0.00 0.00	44.92 -0.09 0.00	41.87 -0.13 0.00	38.97 -0.19 0.00	36.96 -0.18 0.00	35.70 -0.18 0.00	35.30 -0.14 0.00	36.42 -0.07 0.00	39.68 0.00 0.00	50.19 0.05 0.00	68.32 0.41 0.00	75.35 0.38 0.00	64.56 0.39 0.00	54.09 0.22 0.00	46.77 0.09 0.00	41.79 -0.04 0.00
ST_LAW_230_BK6_LBMP 345036	43.39 0.09 0.00	40.49 0.08 0.00	39.15 0.04 0.00	39.00 0.04 0.00	41.61 0.00 0.00	47.36 0.05 0.00	62.32 -0.06 0.00	73.99 0.00 0.00	59.40 0.00 0.00	44.92 -0.09 0.00	41.87 -0.13 0.00	38.97 -0.19 0.00	36.96 -0.18 0.00	35.70 -0.18 0.00	35.30 -0.14 0.00	36.42 -0.07 0.00	39.68 0.00 0.00	50.19 0.05 0.00	68.32 0.41 0.00	75.35 0.38 0.00	64.56 0.39 0.00	54.09 0.22 0.00	46.77 0.09 0.00	41.79 -0.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	44.69 1.39 0.00	41.66 1.25 0.00	40.28 1.17 0.00	40.17 1.21 0.00	42.90 1.29 0.00	48.78 1.47 0.00	64.50 2.12 0.00	76.58 2.59 0.00	61.42 2.02 0.00	46.86 1.85 0.00	43.51 1.51 0.00	40.57 1.41 0.00	38.41 1.26 0.00	37.21 1.33 0.00	36.72 1.28 0.00	37.81 1.31 0.00	41.11 1.43 0.00	52.05 1.91 0.00	70.01 2.11 0.00	77.52 2.55 0.00	66.42 2.25 0.00	55.81 1.94 0.00	48.36 1.68 0.00	43.30 1.46 0.00
SWANROAD_115KV_TB1 355699	39.06 -4.24 0.00	36.65 -3.76 0.00	35.55 -3.56 0.00	35.38 -3.58 0.00	37.99 -3.62 0.00	43.29 -4.02 0.00	56.83 -5.55 0.00	66.30 -7.70 0.00	53.94 -5.47 0.00	40.33 -4.68 0.00	37.80 -4.20 0.00	35.05 -4.11 0.00	33.43 -3.71 0.00	32.11 -3.77 0.00	31.76 -3.69 0.00	32.99 -3.50 0.00	35.91 -3.77 0.00	44.73 -5.42 0.00	60.85 -7.06 0.00	66.50 -8.47 0.00	57.44 -6.74 0.00	47.68 -6.20 0.00	41.68 -4.99 0.00	38.07 -3.76 0.00
SYNERGY___BIOGAS 323694	40.92 -2.38 0.00	38.47 -1.94 0.00	37.27 -1.84 0.00	37.17 -1.79 0.00	39.94 -1.67 0.00	45.70 -1.61 0.00	60.76 -1.62 0.00	70.52 -3.48 0.00	57.21 -2.20 0.00	42.45 -2.56 0.00	39.52 -2.48 0.00	36.58 -2.59 0.00	34.70 -2.45 0.00	33.47 -2.40 0.00	33.10 -2.34 0.00	34.31 -2.19 0.00	37.42 -2.26 0.00	47.29 -2.86 0.00	64.58 -3.33 0.00	71.07 -3.90 0.00	61.03 -3.14 0.00	50.74 -3.13 0.00	44.16 -2.52 0.00	39.87 -1.97 0.00
SYRACUSE___ENERGY_ST1 323597	42.35 -0.95 0.00	39.52 -0.89 0.00	38.28 -0.82 0.00	38.18 -0.78 0.00	40.86 -0.75 0.00	46.41 -0.90 0.00	61.26 -1.12 0.00	72.59 -1.41 0.00	58.45 -0.95 0.00	44.06 -0.95 0.00	41.20 -0.80 0.00	38.34 -0.82 0.00	36.41 -0.74 0.00	35.12 -0.75 0.00	34.70 -0.74 0.00	35.77 -0.73 0.00	38.73 -0.95 0.00	48.89 -1.25 0.00	66.55 -1.36 0.00	73.47 -1.50 0.00	62.83 -1.35 0.00	52.69 -1.19 0.00	45.56 -1.12 0.00	40.87 -0.96 0.00
SYRACUSE___ENERGY_ST2 323598	42.35 -0.95 0.00	39.52 -0.89 0.00	38.28 -0.82 0.00	38.18 -0.78 0.00	40.86 -0.75 0.00	46.41 -0.90 0.00	61.26 -1.12 0.00	72.59 -1.41 0.00	58.45 -0.95 0.00	44.06 -0.95 0.00	41.20 -0.80 0.00	38.34 -0.82 0.00	36.41 -0.74 0.00	35.12 -0.75 0.00	34.70 -0.74 0.00	35.77 -0.73 0.00	38.73 -0.95 0.00	48.89 -1.25 0.00	66.55 -1.36 0.00	73.47 -1.50 0.00	62.83 -1.35 0.00	52.69 -1.19 0.00	45.56 -1.12 0.00	40.87 -0.96 0.00
SYRACUSE___POWER 24017	42.26 -1.04 0.00	39.44 -0.97 0.00	38.21 -0.90 0.00	38.10 -0.86 0.00	40.73 -0.87 0.00	46.32 -0.99 0.00	61.13 -1.25 0.00	72.44 -1.55 0.00	58.33 -1.07 0.00	43.97 -1.04 0.00	41.11 -0.88 0.00	38.26 -0.90 0.00	36.33 -0.82 0.00	35.05 -0.83 0.00	34.63 -0.82 0.00	35.69 -0.80 0.00	38.69 -0.99 0.00	48.84 -1.30 0.00	66.48 -1.43 0.00	73.32 -1.65 0.00	62.76 -1.41 0.00	52.58 -1.29 0.00	45.51 -1.17 0.00	40.83 -1.00 0.00
TALLMAN___138KV_BK151 55660	44.86 1.56 0.00	41.78 1.37 0.00	40.40 1.29 0.00	40.29 1.32 0.00	43.02 1.41 0.00	48.96 1.66 0.00	64.69 2.31 0.00	76.88 2.89 0.00	61.72 2.32 0.00	47.13 2.12 0.00	43.72 1.72 0.00	40.81 1.64 0.00	38.63 1.49 0.00	37.42 1.54 0.00	36.93 1.49 0.00	38.03 1.53 0.00	41.35 1.67 0.00	52.30 2.16 0.00	70.22 2.31 0.00	77.75 2.77 0.00	66.61 2.44 0.00	56.03 2.15 0.00	48.54 1.87 0.00	43.46 1.63 0.00
TEALLAVE_115KV_TB7 355573	42.09 -1.21 0.00	39.28 -1.13 0.00	38.05 -1.06 0.00	37.95 -1.01 0.00	40.61 -1.00 0.00	46.13 -1.18 0.00	60.88 -1.50 0.00	72.14 -1.85 0.00	58.10 -1.31 0.00	43.79 -1.22 0.00	40.99 -1.01 0.00	38.15 -1.02 0.00	36.22 -0.93 0.00	34.95 -0.93 0.00	34.52 -0.92 0.00	35.58 -0.91 0.00	38.53 -1.15 0.00	48.64 -1.50 0.00	66.08 -1.83 0.00	72.95 -2.02 0.00	62.44 -1.73 0.00	52.31 -1.56 0.00	45.28 -1.40 0.00	40.66 -1.17 0.00
TELGRAPH_34_KV_EAST 80808	40.05 -3.25 0.00	37.54 -2.87 0.00	36.41 -2.70 0.00	36.27 -2.69 0.00	38.98 -2.62 0.00	44.42 -2.89 0.00	58.58 -3.81 0.00	68.44 -5.55 0.00	55.66 -3.74 0.00	41.50 -3.51 0.00	38.80 -3.19 0.00	35.95 -3.21 0.00	34.29 -2.86 0.00	32.94 -2.94 0.00	32.54 -2.91 0.00	33.83 -2.66 0.00	36.83 -2.86 0.00	46.08 -4.06 0.00	62.82 -5.09 0.00	68.90 -6.07 0.00	59.36 -4.81 0.00	49.24 -4.63 0.00	42.99 -3.69 0.00	39.03 -2.80 0.00
TEMPLE___115KV_TB 2 55572	42.09 -1.21 0.00	39.32 -1.09 0.00	38.09 -1.02 0.00	37.95 -1.01 0.00	40.61 -1.00 0.00	46.13 -1.18 0.00	60.88 -1.50 0.00	72.14 -1.85 0.00	58.10 -1.31 0.00	43.84 -1.17 0.00	41.03 -0.97 0.00	38.19 -0.98 0.00	36.26 -0.89 0.00	34.98 -0.90 0.00	34.56 -0.89 0.00	35.62 -0.88 0.00	38.57 -1.11 0.00	48.64 -1.50 0.00	66.14 -1.77 0.00	72.95 -2.02 0.00	62.44 -1.73 0.00	52.31 -1.56 0.00	45.28 -1.40 0.00	40.66 -1.17 0.00
TIANA____69_KV_BK 1 55817	47.56 3.77 -0.49	43.68 3.27 0.00	42.39 3.28 0.00	42.31 3.35 0.00	45.18 3.58 0.00	51.09 3.78 0.00	65.75 3.37 0.00	77.69 3.70 0.00	61.84 2.44 0.00	47.76 2.75 0.00	44.77 2.77 0.00	41.48 2.31 0.00	38.97 1.82 0.00	37.78 1.90 0.00	37.15 1.70 0.00	38.50 2.01 0.00	42.70 3.02 0.00	54.40 4.26 0.00	73.00 5.09 0.00	78.80 3.82 0.00	68.54 4.36 0.00	59.42 4.63 -0.91	50.74 4.06 0.00	45.76 3.93 0.00
TILDEN___115KV_TB1 80814	42.26 -1.04 0.00	39.44 -0.97 0.00	38.21 -0.90 0.00	38.10 -0.86 0.00	40.73 -0.87 0.00	46.32 -0.99 0.00	61.13 -1.25 0.00	72.44 -1.55 0.00	58.33 -1.07 0.00	43.97 -1.04 0.00	41.11 -0.88 0.00	38.26 -0.90 0.00	36.33 -0.82 0.00	35.05 -0.83 0.00	34.63 -0.82 0.00	35.69 -0.80 0.00	38.69 -0.99 0.00	48.84 -1.30 0.00	66.48 -1.43 0.00	73.32 -1.65 0.00	62.76 -1.41 0.00	52.58 -1.29 0.00	45.51 -1.17 0.00	40.83 -1.00 0.00

TRIGEN___CC 323695	46.30 2.51 -0.49	42.55 2.14 0.00	41.14 2.03 0.00	41.03 2.06 0.00	43.81 2.21 0.00	49.86 2.55 0.00	65.31 2.93 0.00	77.62 3.63 0.00	62.25 2.85 0.00	47.80 2.79 0.00	44.47 2.48 0.00	41.36 2.19 0.00	39.04 1.89 0.00	37.85 1.97 0.00	37.36 1.91 0.00	38.54 2.04 0.00	42.14 2.46 0.00	53.40 3.26 0.00	71.37 3.46 0.00	78.57 3.60 0.00	67.57 3.40 0.00	58.12 3.34 -0.91	49.57 2.89 0.00	44.38 2.55 0.00
TRINITY___115KV___4 BK 55933	45.08 1.78 0.00	42.03 1.62 0.00	40.67 1.56 0.00	40.48 1.52 0.00	43.23 1.62 0.00	49.15 1.85 0.00	64.81 2.43 0.00	76.88 2.89 0.00	61.60 2.20 0.00	46.81 1.80 0.00	43.63 1.64 0.00	40.77 1.61 0.00	38.60 1.45 0.00	37.31 1.44 0.00	36.83 1.38 0.00	37.85 1.35 0.00	41.23 1.55 0.00	52.10 1.96 0.00	70.22 2.31 0.00	77.60 2.62 0.00	66.36 2.18 0.00	55.92 2.05 0.00	48.50 1.82 0.00	43.59 1.76 0.00
UNION___PROCESSING_DRP 323587	41.01 -2.29 0.00	38.35 -2.06 0.00	37.19 -1.92 0.00	37.05 -1.91 0.00	39.73 -1.87 0.00	45.23 -2.08 0.00	59.64 -2.74 0.00	70.15 -3.85 0.00	56.85 -2.55 0.00	42.53 -2.48 0.00	39.77 -2.23 0.00	36.89 -2.27 0.00	35.14 -2.01 0.00	33.80 -2.08 0.00	33.42 -2.02 0.00	34.63 -1.86 0.00	37.62 -2.06 0.00	47.28 -2.86 0.00	64.38 -3.53 0.00	70.77 -4.20 0.00	60.77 -3.40 0.00	50.69 -3.18 0.00	44.02 -2.66 0.00	39.74 -2.09 0.00
UPPER HUDSON___HYD 24058	46.03 2.73 0.00	42.96 2.55 0.00	41.57 2.47 0.00	41.34 2.38 0.00	44.19 2.58 0.00	50.38 3.07 0.00	66.87 4.49 0.00	79.84 5.84 0.00	63.62 4.22 0.00	47.89 2.88 0.00	44.35 2.35 0.00	41.36 2.19 0.00	39.04 1.89 0.00	37.60 1.72 0.00	37.11 1.67 0.00	38.18 1.68 0.00	41.67 1.98 0.00	51.79 1.65 0.00	70.28 2.38 0.00	78.12 3.15 0.00	66.55 2.38 0.00	55.86 1.99 0.00	48.41 1.73 0.00	43.42 1.59 0.00
UPPER RAQUET___HYD 24056	43.69 0.39 0.00	40.77 0.36 0.00	39.38 0.28 0.00	39.24 0.27 0.00	41.61 0.00 0.00	47.31 0.00 0.00	62.01 -0.37 0.00	73.85 -0.15 0.00	59.05 -0.35 0.00	44.47 -0.54 0.00	41.32 -0.67 0.00	38.38 -0.78 0.00	36.44 -0.71 0.00	35.16 -0.72 0.00	34.84 -0.60 0.00	35.95 -0.55 0.00	39.25 -0.44 0.00	49.74 -0.40 0.00	68.25 0.34 0.00	75.20 0.23 0.00	64.50 0.32 0.00	54.09 0.22 0.00	46.91 0.23 0.00	41.79 -0.04 0.00
VALLEY44_115KV_TB2 355964	40.36 -2.94 0.00	37.90 -2.51 0.00	36.72 -2.39 0.00	36.62 -2.34 0.00	39.32 -2.29 0.00	44.94 -2.37 0.00	59.64 -2.74 0.00	69.78 -4.22 0.00	56.73 -2.67 0.00	42.44 -2.57 0.00	39.56 -2.44 0.00	36.70 -2.47 0.00	34.99 -2.15 0.00	33.62 -2.26 0.00	33.21 -2.23 0.00	34.45 -2.04 0.00	37.42 -2.26 0.00	47.03 -3.11 0.00	63.97 -3.94 0.00	70.10 -4.87 0.00	60.45 -3.72 0.00	50.10 -3.77 0.00	43.50 -3.17 0.00	39.66 -2.18 0.00
VALLEY___115KV_TB 1-4 80826	43.99 0.69 0.00	40.97 0.57 0.00	39.54 0.43 0.00	39.27 0.31 0.00	41.85 0.25 0.00	47.55 0.24 0.00	62.75 0.37 0.00	74.66 0.67 0.00	59.94 0.53 0.00	45.46 0.45 0.00	42.46 0.46 0.00	39.71 0.55 0.00	37.71 0.56 0.00	36.49 0.61 0.00	36.08 0.64 0.00	37.19 0.69 0.00	40.44 0.75 0.00	51.19 1.05 0.00	69.40 1.49 0.00	76.77 1.80 0.00	65.65 1.48 0.00	55.06 1.19 0.00	47.70 1.03 0.00	42.71 0.88 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	45.12 1.82 0.00	42.11 1.70 0.00	40.67 1.56 0.00	40.52 1.56 0.00	43.39 1.79 0.00	49.44 2.13 0.00	65.62 3.24 0.00	78.06 4.07 0.00	62.61 3.21 0.00	47.13 2.12 0.00	43.80 1.81 0.00	40.77 1.61 0.00	38.63 1.49 0.00	37.21 1.33 0.00	36.76 1.31 0.00	37.81 1.31 0.00	41.15 1.47 0.00	52.25 2.11 0.00	71.03 3.12 0.00	78.50 3.52 0.00	67.13 2.95 0.00	56.29 2.42 0.00	48.68 2.01 0.00	43.59 1.76 0.00
VISCHER___FERRY HYD 24020	45.20 1.90 0.00	42.15 1.74 0.00	40.79 1.68 0.00	40.60 1.64 0.00	43.35 1.75 0.00	49.25 1.94 0.00	64.94 2.56 0.00	77.10 3.11 0.00	61.78 2.38 0.00	46.99 1.98 0.00	43.89 1.89 0.00	40.97 1.80 0.00	38.78 1.63 0.00	37.42 1.54 0.00	36.93 1.49 0.00	37.99 1.50 0.00	41.39 1.71 0.00	52.20 2.06 0.00	70.35 2.44 0.00	77.75 2.78 0.00	66.48 2.31 0.00	56.03 2.16 0.00	48.59 1.91 0.00	43.67 1.84 0.00
V_A_10_SYNC_DSASP 323832	39.92 -3.38 0.00	37.54 -2.87 0.00	36.37 -2.74 0.00	36.23 -2.73 0.00	38.82 -2.79 0.00	44.23 -3.07 0.00	58.51 -3.87 0.00	67.85 -6.14 0.00	55.07 -4.33 0.00	41.23 -3.78 0.00	38.60 -3.40 0.00	35.84 -3.33 0.00	34.03 -3.12 0.00	32.83 -3.05 0.00	32.43 -3.01 0.00	33.57 -2.92 0.00	36.55 -3.14 0.00	45.83 -4.31 0.00	62.27 -5.64 0.00	68.23 -6.75 0.00	58.59 -5.58 0.00	48.86 -5.01 0.00	42.71 -3.97 0.00	38.78 -3.05 0.00
V_CMM_10_SYNC_DSASP 323787	43.65 0.34 0.00	40.73 0.32 0.00	39.38 0.28 0.00	39.24 0.27 0.00	41.81 0.21 0.00	47.59 0.29 0.00	62.63 0.25 0.00	74.36 0.37 0.00	59.64 0.24 0.00	45.10 0.09 0.00	42.00 -0.08 0.00	39.09 -0.08 0.00	37.11 -0.04 0.00	35.84 -0.04 0.00	35.44 0.00 0.00	36.53 0.04 0.00	39.84 0.16 0.00	50.39 0.25 0.00	68.66 0.75 0.00	75.65 0.67 0.00	64.88 0.71 0.00	54.35 0.48 0.00	47.01 0.33 0.00	41.96 0.13 0.00
V_CMP_10_SYNC_DSASP 323788	44.65 1.34 0.00	41.62 1.21 0.00	40.24 1.13 0.00	40.01 1.05 0.00	42.56 0.96 0.00	48.49 1.18 0.00	63.94 1.56 0.00	75.99 2.00 0.00	60.89 1.49 0.00	45.91 0.90 0.00	42.63 0.63 0.00	39.48 0.31 0.00	37.37 0.22 0.00	36.06 0.18 0.00	35.76 0.32 0.00	37.04 0.55 0.00	40.71 1.03 0.00	51.79 1.65 0.00	71.24 3.33 0.00	78.35 3.38 0.00	67.25 3.08 0.00	56.08 2.21 0.00	48.22 1.54 0.00	42.75 0.92 0.00
V_D_10_SYNC_DSASP 323841	43.99 0.69 0.00	41.10 0.69 0.00	39.69 0.59 0.00	39.55 0.59 0.00	42.14 0.54 0.00	48.02 0.71 0.00	62.94 0.56 0.00	74.81 0.82 0.00	59.94 0.53 0.00	45.28 0.27 0.00	42.12 0.13 0.00	39.20 0.04 0.00	37.19 0.04 0.00	35.91 0.04 0.00	35.55 0.11 0.00	36.64 0.15 0.00	39.96 0.28 0.00	50.54 0.40 0.00	68.99 1.08 0.00	76.02 1.05 0.00	65.20 1.02 0.00	54.62 0.75 0.00	47.28 0.61 0.00	42.16 0.33 0.00
V_E_10_SYNC_DSASP 323830	45.47 2.16 0.00	42.39 1.98 0.00	40.82 1.72 0.00	40.67 1.71 0.00	43.64 2.04 0.00	49.86 2.55 0.00	66.81 4.43 0.00	79.39 5.40 0.00	63.32 3.92 0.00	46.86 1.85 0.00	43.30 1.30 0.00	40.07 0.90 0.00	38.00 0.86 0.00	36.60 0.72 0.00	36.26 0.82 0.00	37.52 1.02 0.00	41.07 1.39 0.00	52.75 2.61 0.00	73.27 5.36 0.00	81.27 6.30 0.00	69.37 5.20 0.00	57.64 3.77 0.00	49.57 2.90 0.00	44.21 2.38 0.00
V_F_30_NSYNC___DSASP 323816	45.64 2.34 0.00	42.59 2.18 0.00	41.18 2.07 0.00	40.99 2.02 0.00	43.77 2.16 0.00	49.86 2.55 0.00	65.93 3.55 0.00	78.51 4.51 0.00	62.67 3.27 0.00	47.39 2.38 0.00	44.05 2.06 0.00	41.08 1.92 0.00	38.86 1.71 0.00	37.49 1.62 0.00	37.00 1.56 0.00	38.06 1.57 0.00	41.51 1.83 0.00	52.30 2.15 0.00	70.83 2.92 0.00	78.50 3.52 0.00	66.99 2.82 0.00	56.35 2.48 0.00	48.83 2.15 0.00	43.80 1.97 0.00

V_F_30_SYNC_DSASP 323786	45.16 1.86 0.00	42.11 1.70 0.00	40.75 1.64 0.00	40.56 1.60 0.00	43.31 1.71 0.00	49.30 1.99 0.00	65.06 2.68 0.00	77.17 3.18 0.00	61.84 2.44 0.00	46.95 1.94 0.00	43.72 1.72 0.00	40.85 1.68 0.00	38.67 1.52 0.00	37.38 1.51 0.00	36.90 1.45 0.00	37.92 1.42 0.00	41.31 1.63 0.00	52.25 2.11 0.00	70.49 2.58 0.00	77.97 3.00 0.00	66.61 2.44 0.00	56.08 2.21 0.00	48.64 1.96 0.00	43.67 1.84 0.00
V_XM_10_SYNC_DSASP 323789	44.65 1.34 0.00	41.62 1.21 0.00	40.24 1.13 0.00	40.01 1.05 0.00	42.56 0.96 0.00	48.49 1.18 0.00	63.94 1.56 0.00	75.99 2.00 0.00	60.89 1.49 0.00	45.91 0.90 0.00	42.63 0.63 0.00	39.48 0.31 0.00	37.37 0.22 0.00	36.06 0.18 0.00	35.76 0.32 0.00	37.04 0.55 0.00	40.71 1.03 0.00	51.79 1.65 0.00	71.24 3.33 0.00	78.35 3.38 0.00	67.25 3.08 0.00	56.08 2.21 0.00	48.22 1.54 0.00	42.75 0.92 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	44.99 1.69 0.00	41.90 1.50 0.00	40.55 1.45 0.00	40.40 1.44 0.00	43.14 1.54 0.00	49.11 1.80 0.00	64.94 2.56 0.00	77.17 3.18 0.00	61.96 2.55 0.00	47.26 2.25 0.00	43.89 1.89 0.00	40.93 1.76 0.00	38.78 1.63 0.00	37.56 1.69 0.00	37.07 1.63 0.00	38.14 1.64 0.00	41.51 1.83 0.00	52.50 2.36 0.00	70.56 2.65 0.00	78.12 3.15 0.00	66.93 2.76 0.00	56.24 2.37 0.00	48.73 2.05 0.00	43.63 1.80 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.29 1.99 0.00	42.19 1.78 0.00	40.75 1.64 0.00	40.64 1.68 0.00	43.44 1.83 0.00	49.44 2.13 0.00	65.37 2.99 0.00	77.84 3.85 0.00	62.43 3.03 0.00	47.85 2.84 0.00	44.43 2.44 0.00	41.44 2.27 0.00	39.23 2.08 0.00	38.04 2.15 -0.01	37.50 2.06 0.00	38.61 2.12 0.00	41.94 2.26 0.00	53.05 2.91 0.00	71.03 3.12 0.00	78.80 3.82 0.00	67.38 3.21 0.00	56.62 2.75 0.00	49.10 2.43 0.00	43.97 2.13 0.00
W50THST__13_KV_LOAD 356117	45.47 2.17 0.00	42.35 1.94 0.00	40.90 1.80 0.00	40.75 1.79 0.00	43.60 2.00 0.00	49.58 2.27 0.00	65.75 3.37 0.00	78.28 4.29 0.00	62.73 3.33 0.00	48.07 3.06 0.00	44.60 2.60 0.00	41.59 2.43 0.00	39.38 2.23 0.00	38.22 2.33 -0.01	37.64 2.20 0.00	38.76 2.26 0.00	42.10 2.42 0.00	53.30 3.16 0.00	71.44 3.53 0.00	79.25 4.27 0.00	67.70 3.53 0.00	56.78 2.91 0.00	49.24 2.57 0.00	44.09 2.26 0.00
WADING RIVER_IC_1 23522	47.09 3.29 -0.50	43.20 2.79 0.00	41.69 2.58 0.00	41.73 2.77 0.00	44.14 2.54 0.00	49.63 2.32 0.00	64.56 2.18 0.00	76.06 2.07 0.00	60.65 1.25 0.00	47.35 2.34 0.00	44.69 2.69 0.00	41.47 2.31 0.00	39.08 1.93 0.00	37.74 1.86 0.00	37.08 1.63 0.00	38.47 1.97 0.00	42.62 2.94 0.00	54.20 4.06 0.00	72.39 4.48 0.00	77.89 2.92 0.00	67.19 3.02 0.00	58.62 3.83 -0.92	50.00 3.31 -0.01	45.48 3.64 -0.01
WADING RIVER_IC_2 23547	47.09 3.29 -0.50	43.20 2.79 0.00	41.69 2.58 0.00	41.73 2.77 0.00	44.14 2.54 0.00	49.63 2.32 0.00	64.56 2.18 0.00	76.06 2.07 0.00	60.65 1.25 0.00	47.35 2.34 0.00	44.69 2.69 0.00	41.47 2.31 0.00	39.08 1.93 0.00	37.74 1.86 0.00	37.08 1.63 0.00	38.47 1.97 0.00	42.62 2.94 0.00	54.20 4.06 0.00	72.39 4.48 0.00	77.89 2.92 0.00	67.19 3.02 0.00	58.62 3.83 -0.92	50.00 3.31 -0.01	45.48 3.64 -0.01
WADING RIVER_IC_3 23601	47.09 3.29 -0.50	43.20 2.79 0.00	41.69 2.58 0.00	41.73 2.77 0.00	44.14 2.54 0.00	49.63 2.32 0.00	64.56 2.18 0.00	76.06 2.07 0.00	60.65 1.25 0.00	47.35 2.34 0.00	44.69 2.69 0.00	41.47 2.31 0.00	39.08 1.93 0.00	37.74 1.86 0.00	37.08 1.63 0.00	38.47 1.97 0.00	42.62 2.94 0.00	54.20 4.06 0.00	72.39 4.48 0.00	77.89 2.92 0.00	67.19 3.02 0.00	58.62 3.83 -0.92	50.00 3.31 -0.01	45.48 3.64 -0.01
WALDENNY_12_KV_BK2 80841	40.18 -3.12 0.00	37.74 -2.67 0.00	36.56 -2.54 0.00	36.47 -2.49 0.00	39.15 -2.45 0.00	44.71 -2.60 0.00	58.95 -3.43 0.00	68.81 -5.18 0.00	56.08 -3.33 0.00	41.90 -3.11 0.00	39.27 -2.73 0.00	36.46 -2.70 0.00	34.73 -2.41 0.00	33.37 -2.51 0.00	33.00 -2.45 0.00	34.27 -2.23 0.00	37.26 -2.42 0.00	46.58 -3.56 0.00	63.29 -4.62 0.00	69.27 -5.70 0.00	59.75 -4.43 0.00	49.45 -4.42 0.00	43.18 -3.50 0.00	39.36 -2.47 0.00
WALDEN__HYDRO 24148	44.95 1.65 0.00	41.90 1.50 0.00	40.55 1.45 0.00	40.40 1.44 0.00	43.14 1.54 0.00	49.11 1.80 0.00	64.94 2.56 0.00	77.10 3.11 0.00	61.84 2.44 0.00	47.08 2.07 0.00	43.63 1.64 0.00	40.73 1.57 0.00	38.56 1.41 0.00	37.35 1.47 0.00	36.86 1.42 0.00	37.92 1.42 0.00	41.31 1.63 0.00	52.30 2.16 0.00	70.42 2.51 0.00	78.05 3.07 0.00	66.87 2.70 0.00	56.19 2.32 0.00	48.68 2.01 0.00	43.55 1.72 0.00
WARRENSBURG____ 23737	46.12 2.81 0.00	43.04 2.63 0.00	41.61 2.50 0.00	41.38 2.42 0.00	44.23 2.62 0.00	49.25 1.94 0.00	65.13 2.74 0.00	77.69 3.70 0.00	61.84 2.44 0.00	46.68 1.67 0.00	43.13 1.13 0.00	40.22 1.06 0.00	38.04 0.89 0.00	36.63 0.75 0.00	36.15 0.71 0.00	37.19 0.69 0.00	40.63 0.95 0.00	51.75 1.60 0.00	70.29 2.38 0.00	78.12 3.15 0.00	66.55 2.37 0.00	55.97 2.10 0.00	49.57 2.89 0.00	44.51 2.68 0.00
WATERSIDE____6 8 9 23538	43.75 2.25 1.81	40.28 2.02 2.15	38.68 1.92 2.34	38.51 1.91 2.36	41.72 2.08 1.97	48.43 2.27 1.15	65.31 2.93 0.00	77.84 3.85 0.00	62.49 3.21 0.12	45.87 3.02 2.15	42.29 2.65 2.36	39.59 2.51 2.08	37.11 2.27 2.31	36.63 2.37 1.62	35.42 2.27 2.29	35.95 2.30 2.85	39.53 2.46 2.62	44.86 3.06 8.34	70.96 3.06 0.01	74.09 3.75 4.63	66.92 3.14 0.40	55.90 2.86 0.83	47.35 2.57 1.90	41.98 2.38 2.24
WATKINRD_115KV_LN8_ILLION 55919	43.91 0.61 0.00	40.89 0.48 0.00	39.50 0.39 0.00	39.31 0.35 0.00	41.94 0.33 0.00	47.64 0.33 0.00	62.88 0.50 0.00	74.73 0.74 0.00	60.00 0.59 0.00	45.51 0.50 0.00	42.46 0.46 0.00	39.67 0.51 0.00	37.67 0.52 0.00	36.42 0.54 0.00	35.98 0.53 0.00	37.08 0.58 0.00	40.32 0.63 0.00	51.04 0.90 0.00	69.13 1.22 0.00	76.40 1.42 0.00	65.33 1.16 0.00	54.84 0.97 0.00	47.52 0.84 0.00	42.54 0.71 0.00
WATSON__69_KV_BK 1 55734	47.43 3.64 -0.49	43.48 3.07 0.00	42.12 3.01 0.00	42.00 3.04 0.00	44.85 3.25 0.00	50.90 3.60 0.00	66.19 3.81 0.00	78.51 4.51 0.00	62.73 3.33 0.00	48.25 3.24 0.00	44.98 2.98 0.00	41.75 2.58 0.00	39.30 2.15 0.00	38.10 2.22 0.00	37.61 2.16 0.00	38.90 2.41 0.00	42.90 3.21 0.00	54.50 4.36 0.00	72.87 4.96 0.00	79.55 4.57 0.00	68.86 4.68 0.00	59.47 4.69 -0.91	50.74 4.06 0.00	45.47 3.64 0.00
WDELAWARE__HYD 323627	45.08 1.78 0.00	41.98 1.57 0.00	40.63 1.52 0.00	40.48 1.52 0.00	43.23 1.62 0.00	49.11 1.80 0.00	65.25 2.87 0.00	77.62 3.62 0.00	62.20 2.79 0.00	47.17 2.16 0.00	43.76 1.76 0.00	40.81 1.64 0.00	38.60 1.45 0.00	37.31 1.44 0.00	36.86 1.42 0.00	37.96 1.46 0.00	41.35 1.67 0.00	52.45 2.31 0.00	70.97 3.06 0.00	78.72 3.75 0.00	67.44 3.27 0.00	56.56 2.69 0.00	49.01 2.33 0.00	43.80 1.97 0.00

WEST BABYLON___IC 23714	47.17 3.38 -0.49	43.28 2.87 0.00	41.88 2.78 0.00	41.77 2.81 0.00	44.60 3.00 0.00	50.71 3.41 0.00	66.06 3.68 0.00	78.43 4.44 0.00	62.73 3.33 0.00	48.21 3.20 0.00	44.85 2.86 0.00	41.59 2.43 0.00	39.15 2.01 0.00	37.96 2.08 0.00	37.46 2.02 0.00	38.76 2.26 0.00	42.62 2.94 0.00	54.15 4.01 0.00	72.46 4.55 0.00	79.25 4.27 0.00	68.54 4.36 0.00	59.25 4.47 -0.91	50.51 3.83 0.00	45.22 3.39 0.00
WEST CANADA___HYD 24049	43.65 0.34 0.00	40.69 0.28 0.00	39.38 0.28 0.00	39.24 0.27 0.00	41.86 0.25 0.00	47.59 0.29 0.00	62.88 0.50 0.00	74.66 0.66 0.00	59.88 0.47 0.00	45.41 0.40 0.00	42.42 0.42 0.00	39.56 0.39 0.00	37.52 0.37 0.00	36.24 0.36 0.00	35.80 0.35 0.00	36.82 0.33 0.00	40.04 0.36 0.00	50.64 0.50 0.00	68.52 0.61 0.00	75.72 0.75 0.00	64.75 0.58 0.00	54.35 0.48 0.00	47.14 0.47 0.00	42.21 0.38 0.00
WESTERN_NY_WIND 24143	40.92 -2.38 0.00	38.35 -2.06 0.00	37.19 -1.92 0.00	37.05 -1.91 0.00	39.86 -1.75 0.00	45.51 -1.80 0.00	60.20 -2.18 0.00	70.44 -3.55 0.00	57.21 -2.20 0.00	42.44 -2.57 0.00	39.56 -2.44 0.00	36.62 -2.55 0.00	34.88 -2.27 0.00	33.51 -2.37 0.00	33.14 -2.30 0.00	34.45 -2.04 0.00	37.54 -2.14 0.00	47.18 -2.96 0.00	64.51 -3.40 0.00	71.00 -3.97 0.00	61.09 -3.08 0.00	50.69 -3.18 0.00	44.11 -2.57 0.00	39.87 -1.97 0.00
WESTOVER___LESR 323668	42.61 -0.69 0.00	39.76 -0.65 0.00	38.52 -0.59 0.00	38.38 -0.58 0.00	41.11 -0.50 0.00	46.79 -0.52 0.00	61.88 -0.50 0.00	73.18 -0.81 0.00	58.93 -0.48 0.00	44.38 -0.63 0.00	41.37 -0.63 0.00	38.50 -0.67 0.00	36.59 -0.56 0.00	35.27 -0.61 0.00	34.84 -0.60 0.00	35.95 -0.55 0.00	39.05 -0.63 0.00	49.34 -0.80 0.00	67.03 -0.88 0.00	73.92 -1.05 0.00	63.34 -0.83 0.00	53.01 -0.86 0.00	45.93 -0.75 0.00	41.33 -0.50 0.00
WETHRSFD_WT_PWR 323626	39.01 -4.29 0.00	36.53 -3.88 0.00	35.43 -3.68 0.00	35.42 -3.55 0.00	38.11 -3.49 0.00	43.81 -3.50 0.00	58.26 -4.12 0.00	68.22 -5.77 0.00	55.31 -4.10 0.00	41.23 -3.78 0.00	38.55 -3.44 0.00	35.84 -3.33 0.00	34.10 -3.05 0.00	32.94 -2.94 0.00	32.50 -2.94 0.00	33.57 -2.92 0.00	36.59 -3.10 0.00	46.23 -3.91 0.00	63.50 -4.41 0.00	69.80 -5.17 0.00	59.75 -4.43 0.00	49.67 -4.20 0.00	43.08 -3.59 0.00	38.82 -3.01 0.00
WHAVSTOR_138KV_BK127 55557	44.86 1.56 0.00	41.78 1.37 0.00	40.44 1.33 0.00	40.29 1.32 0.00	43.02 1.41 0.00	48.96 1.66 0.00	64.69 2.31 0.00	76.88 2.89 0.00	61.66 2.26 0.00	47.13 2.12 0.00	43.76 1.76 0.00	40.81 1.64 0.00	38.67 1.52 0.00	37.46 1.58 0.00	36.93 1.49 0.00	38.03 1.53 0.00	41.39 1.71 0.00	52.35 2.21 0.00	70.22 2.31 0.00	77.75 2.77 0.00	66.61 2.44 0.00	56.03 2.15 0.00	48.54 1.87 0.00	43.46 1.63 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	44.86 1.56 0.00	41.78 1.37 0.00	40.44 1.33 0.00	40.29 1.32 0.00	43.02 1.41 0.00	48.96 1.66 0.00	64.69 2.31 0.00	76.88 2.89 0.00	61.66 2.26 0.00	47.13 2.12 0.00	43.76 1.76 0.00	40.81 1.64 0.00	38.67 1.52 0.00	37.46 1.58 0.00	36.93 1.49 0.00	38.03 1.53 0.00	41.39 1.71 0.00	52.35 2.21 0.00	70.22 2.31 0.00	77.75 2.77 0.00	66.61 2.44 0.00	56.03 2.15 0.00	48.54 1.87 0.00	43.46 1.63 0.00
WHITEHAL_115KV_TB1 80871	46.85 3.55 0.00	43.72 3.31 0.00	42.27 3.17 0.00	42.00 3.04 0.00	44.93 3.33 0.00	50.29 2.98 0.00	66.75 4.37 0.00	79.76 5.77 0.00	63.26 3.86 0.00	47.53 2.52 0.00	43.89 1.89 0.00	40.89 1.72 0.00	38.60 1.45 0.00	37.13 1.26 0.00	36.65 1.21 0.00	37.74 1.24 0.00	41.31 1.63 0.00	52.75 2.61 0.00	71.92 4.01 0.00	80.22 5.25 0.00	68.22 4.04 0.00	57.26 3.39 0.00	50.46 3.78 0.00	45.18 3.35 0.00
WHITEPLN_13_KV_LOAD 356215	45.55 2.25 0.00	42.43 2.02 0.00	41.02 1.92 0.00	40.87 1.91 0.00	43.60 2.00 0.00	49.63 2.32 0.00	65.62 3.24 0.00	78.14 4.14 0.00	62.73 3.33 0.00	47.85 2.84 0.00	44.39 2.39 0.00	41.44 2.27 0.00	39.23 2.08 0.00	38.00 2.12 0.00	37.46 2.02 0.00	38.58 2.08 0.00	42.02 2.34 0.00	53.20 3.06 0.00	71.44 3.53 0.00	79.25 4.27 0.00	67.77 3.59 0.00	56.89 3.02 0.00	49.29 2.61 0.00	44.09 2.26 0.00
WM_FLOYD_69_KV_BK2 356380	47.25 3.46 -0.49	43.32 2.91 0.00	42.00 2.89 0.00	41.88 2.92 0.00	44.73 3.12 0.00	50.57 3.26 0.00	65.19 2.81 0.00	77.17 3.18 0.00	61.54 2.14 0.00	47.53 2.52 0.00	44.60 2.60 0.00	41.36 2.19 0.00	38.93 1.78 0.00	37.74 1.87 0.00	37.18 1.74 0.00	38.50 2.01 0.00	42.62 2.94 0.00	54.15 4.01 0.00	72.46 4.55 0.00	78.42 3.45 0.00	68.09 3.91 0.00	58.98 4.20 -0.91	50.37 3.69 0.00	45.30 3.47 0.00
WOODARD___115KV_TB2 355635	42.05 -1.26 0.00	39.28 -1.13 0.00	38.05 -1.06 0.00	37.91 -1.05 0.00	40.57 -1.04 0.00	46.08 -1.23 0.00	60.82 -1.56 0.00	72.07 -1.92 0.00	57.98 -1.43 0.00	43.75 -1.26 0.00	40.95 -1.05 0.00	38.15 -1.02 0.00	36.22 -0.93 0.00	34.91 -0.97 0.00	34.52 -0.92 0.00	35.58 -0.91 0.00	38.53 -1.15 0.00	48.59 -1.55 0.00	66.08 -1.83 0.00	72.87 -2.10 0.00	62.38 -1.80 0.00	52.25 -1.62 0.00	45.23 -1.45 0.00	40.62 -1.21 0.00
YORK___WARBASSE 23770	58.46 2.60 -12.56	57.68 2.34 -14.93	57.56 2.19 -16.26	57.59 2.22 -16.41	57.65 2.41 -13.64	57.89 2.65 -7.93	65.75 3.37 0.00	78.36 4.37 0.00	63.88 3.62 -0.85	63.29 3.38 -14.90	61.24 2.94 -16.31	61.23 2.82 -19.24	59.07 2.49 -19.43	61.60 2.58 -23.14	61.60 2.52 -23.64	58.76 2.55 -19.71	60.58 2.78 -18.12	111.30 3.46 -57.70	71.43 3.46 -0.06	111.24 4.20 -32.07	70.45 3.53 -2.75	62.82 3.23 -5.71	62.77 2.94 -13.15	60.01 2.68 -15.50