

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/05/2023

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	35.28	31.13	29.44	28.01	27.53	28.15	31.40	34.19	38.67	41.21	42.79	47.83	53.22	55.02	56.07	74.13	83.71	93.32	87.43	90.80	56.00	51.75	45.67	41.34
24138	2.25	1.96	1.90	1.78	1.80	1.84	2.03	2.50	2.92	3.09	2.99	3.34	3.80	3.88	3.47	5.17	5.69	6.43	5.80	5.30	2.26	2.60	2.30	2.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	35.44	31.19	29.47	28.06	27.55	28.23	31.41	34.16	38.67	41.18	42.79	47.70	52.97	54.72	55.75	73.78	83.48	92.89	86.94	90.29	55.68	51.55	45.67	41.39
24260	2.41	2.01	1.93	1.84	1.83	1.92	2.03	2.47	2.92	3.05	2.99	3.20	3.56	3.58	3.16	4.83	5.46	6.00	5.31	4.79	1.93	2.41	2.30	2.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	35.44	31.19	29.47	28.06	27.55	28.23	31.41	34.16	38.67	41.18	42.79	47.70	52.97	54.72	55.75	73.78	83.48	92.89	86.94	90.29	55.68	51.55	45.67	41.39
24261	2.41	2.01	1.93	1.84	1.83	1.92	2.03	2.47	2.92	3.05	2.99	3.20	3.56	3.58	3.16	4.83	5.46	6.00	5.31	4.79	1.93	2.41	2.30	2.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	35.34	31.10	29.44	27.96	27.40	28.07	31.38	34.00	38.43	40.99	42.79	47.88	53.26	54.61	56.44	73.99	83.64	93.32	88.24	92.25	58.20	53.76	47.06	42.60
24011	2.31	1.93	1.90	1.73	1.67	1.76	2.00	2.31	2.74	2.86	2.99	3.38	3.85	3.48	3.84	5.03	5.62	6.43	6.61	6.75	4.46	4.62	3.69	3.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	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	35.54	31.28	29.60	28.09	27.55	28.21	31.58	34.25	38.76	41.33	43.15	48.36	53.95	55.23	57.28	74.95	84.65	94.72	89.47	93.53	59.17	54.50	47.53	43.08
23798	2.51	2.10	2.07	1.86	1.83	1.90	2.20	2.57	3.06	3.20	3.34	3.87	4.54	4.09	4.68	6.00	6.63	7.82	7.84	8.03	5.43	5.36	4.16	3.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	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	35.34	31.10	29.44	27.96	27.40	28.07	31.38	34.00	38.43	40.99	42.79	47.88	53.26	54.61	56.44	73.99	83.64	93.32	88.24	92.25	58.20	53.76	47.06	42.60
24028	2.31	1.93	1.90	1.73	1.67	1.76	2.00	2.31	2.74	2.86	2.99	3.38	3.85	3.48	3.84	5.03	5.62	6.43	6.61	6.75	4.46	4.62	3.69	3.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	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	34.94	30.87	29.22	27.83	27.30	27.94	31.17	33.59	37.91	40.34	42.04	46.99	52.23	53.85	55.12	72.27	81.37	90.89	85.39	89.09	56.00	51.70	45.58	41.38
23527	1.91	1.69	1.68	1.60	1.57	1.63	1.79	1.90	2.21	2.21	2.23	2.49	2.81	2.71	2.52	3.31	3.35	4.00	3.76	3.59	2.26	2.55	2.21	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	0.00	0.00	0.00	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	33.82	29.79	28.23	26.88	26.37	27.00	30.14	32.51	36.59	38.93	40.68	45.16	50.20	51.80	53.12	69.72	78.72	87.76	82.45	86.10	54.01	50.03	44.06	39.97
24190	0.79	0.61	0.69	0.66	0.64	0.68	0.76	0.82	0.89	0.80	0.88	0.67	0.79	0.66	0.53	0.76	0.70	0.87	0.82	0.60	0.27	0.88	0.69	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	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	32.73	28.83	27.21	25.94	25.55	25.92	28.94	31.27	35.17	37.71	39.25	43.87	48.72	50.27	51.76	68.06	77.16	85.76	80.65	84.39	53.10	48.60	42.94	39.02
355683	-0.30	-0.35	-0.33	-0.29	-0.18	-0.39	-0.44	-0.41	-0.43	-0.42	-0.56	-0.62	-0.69	-0.87	-0.84	-0.90	-0.86	-1.13	-0.98	-1.11	-0.64	-0.54	-0.43	-0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.82	29.79	28.23	26.88	26.37	27.00	30.14	32.51	36.59	38.93	40.68	45.16	50.20	51.80	53.12	69.72	78.72	87.76	82.45	86.10	54.01	50.03	44.06	39.97
23571	0.79	0.61	0.69	0.66	0.64	0.68	0.76	0.82	0.89	0.80	0.88	0.67	0.79	0.66	0.53	0.76	0.70	0.87	0.82	0.60	0.27	0.88	0.69	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	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	33.82	29.79	28.23	26.88	26.37	27.00	30.14	32.51	36.59	38.93	40.68	45.16	50.20	51.80	53.12	69.72	78.72	87.76	82.45	86.10	54.01	50.03	44.06	39.97
23572	0.79	0.61	0.69	0.66	0.64	0.68	0.76	0.82	0.89	0.80	0.88	0.67	0.79	0.66	0.53	0.76	0.70	0.87	0.82	0.60	0.27	0.88	0.69	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	33.82	29.79	28.23	26.88	26.37	27.00	30.14	32.51	36.59	38.93	40.68	45.16	50.20	51.80	53.12	69.72	78.72	87.76	82.45	86.10	54.01	50.03	44.06	39.97
23573	0.79	0.61	0.69	0.66	0.64	0.68	0.76	0.82	0.89	0.80	0.88	0.67	0.79	0.66	0.53	0.76	0.70	0.87	0.82	0.60	0.27	0.88	0.69	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	33.82 0.79 0.00	29.79 0.61 0.00	28.23 0.69 0.00	26.88 0.66 0.00	26.37 0.64 0.00	27.00 0.68 0.00	30.14 0.76 0.00	32.51 0.82 0.00	36.59 0.89 -0.10	38.93 0.80 0.00	40.68 0.88 0.00	45.16 0.67 0.00	50.20 0.79 0.00	51.80 0.66 0.00	53.12 0.53 0.00	69.72 0.76 0.00	78.72 0.70 0.00	87.76 0.87 0.00	82.45 0.82 0.00	86.10 0.60 0.00	54.01 0.27 0.00	50.03 0.88 0.00	44.06 0.69 0.00	39.97 0.63 0.00
ALBANY___LFGE 323615	34.15 1.12 0.00	30.14 0.96 0.00	28.53 0.99 0.00	27.12 0.89 0.00	26.63 0.90 0.00	27.23 0.92 0.00	30.44 1.06 0.00	32.86 1.17 0.00	37.01 1.32 -0.10	39.42 1.30 0.00	41.20 1.39 0.00	45.88 1.38 0.00	51.09 1.68 0.00	52.67 1.53 0.00	54.12 1.53 0.00	71.02 2.07 0.00	80.04 2.03 0.00	89.32 2.43 0.00	83.91 2.28 0.00	87.55 2.05 0.00	54.98 1.24 0.00	50.76 1.62 0.00	44.67 1.30 0.00	40.52 1.18 0.00
ALCOA_PA_115KV_PL-6C 55860	32.90 -0.13 0.00	28.94 -0.23 0.00	27.32 -0.22 0.00	26.04 -0.18 0.00	25.63 -0.10 0.00	25.97 -0.34 0.00	28.97 -0.41 0.00	31.30 -0.38 0.00	35.24 -0.36 0.00	37.78 -0.34 0.00	39.29 -0.52 0.00	44.01 -0.49 0.00	48.82 -0.59 0.00	50.37 -0.77 0.00	51.86 -0.74 0.00	68.34 -0.62 0.00	77.55 -0.47 0.00	86.03 -0.87 0.00	80.90 -0.73 0.00	84.64 -0.86 0.00	53.31 -0.43 0.00	48.80 -0.34 0.00	43.11 -0.26 0.00	39.22 -0.12 0.00
ALCOA_RYNLDS___DRP 24188	32.90 -0.13 0.00	28.94 -0.23 0.00	27.32 -0.22 0.00	26.04 -0.18 0.00	25.63 -0.10 0.00	25.97 -0.34 0.00	28.97 -0.41 0.00	31.30 -0.38 0.00	35.24 -0.36 0.00	37.78 -0.34 0.00	39.29 -0.52 0.00	44.01 -0.49 0.00	48.82 -0.59 0.00	50.37 -0.77 0.00	51.86 -0.74 0.00	68.34 -0.62 0.00	77.55 -0.47 0.00	86.03 -0.87 0.00	80.90 -0.73 0.00	84.64 -0.86 0.00	53.31 -0.43 0.00	48.80 -0.34 0.00	43.11 -0.26 0.00	39.22 -0.12 0.00
ALCOA___DSASP 323711	32.90 -0.13 0.00	28.94 -0.23 0.00	27.32 -0.22 0.00	26.05 -0.18 0.00	25.63 -0.10 0.00	25.94 -0.37 0.00	28.97 -0.41 0.00	31.31 -0.38 0.00	35.24 -0.36 0.00	37.78 -0.34 0.00	39.29 -0.52 0.00	44.01 -0.49 0.00	48.62 -0.79 0.00	50.22 -0.92 0.00	51.75 -0.84 0.00	68.06 -0.90 0.00	77.16 -0.86 0.00	85.76 -1.13 0.00	80.66 -0.98 0.00	84.30 -1.20 0.00	53.04 -0.70 0.00	48.70 -0.44 0.00	43.11 -0.26 0.00	39.22 -0.12 0.00
ALLEGHENY___COGEN 23514	35.11 2.08 0.00	31.28 2.10 0.00	29.11 1.57 0.00	27.70 1.47 0.00	26.60 0.88 0.00	27.92 1.61 0.00	30.99 1.61 0.00	31.59 -0.09 0.00	34.81 -0.78 0.00	37.06 -1.07 0.00	38.61 -1.19 0.00	40.76 -3.74 0.00	45.26 -4.15 0.00	47.04 -4.09 0.00	49.02 -3.58 0.00	63.71 -5.24 0.00	73.02 -4.99 0.00	82.55 -4.34 0.00	79.02 -2.62 0.00	84.48 -1.02 0.00	54.87 1.13 0.00	48.65 -0.49 0.00	45.23 1.86 0.00	41.03 1.69 0.00
ALTAMONT_115KV_TB 2 55880	34.15 1.12 0.00	30.11 0.93 0.00	28.53 0.99 0.00	27.17 0.94 0.00	26.65 0.93 0.00	27.28 0.97 0.00	30.44 1.06 0.00	32.83 1.14 0.00	36.98 1.28 -0.10	39.39 1.26 0.00	41.12 1.31 0.00	45.74 1.25 0.00	50.79 1.38 0.00	52.47 1.33 0.00	53.75 1.16 0.00	70.61 1.65 0.00	79.81 1.79 0.00	88.89 2.00 0.00	83.51 1.88 0.00	87.38 1.88 0.00	54.76 1.02 0.00	50.62 1.47 0.00	44.63 1.26 0.00	40.48 1.14 0.00
ALTONA_WT_PWR 323606	33.23 0.20 0.00	29.24 0.06 0.00	27.57 0.03 0.00	26.28 0.05 0.00	25.88 0.16 0.00	26.26 -0.05 0.00	29.38 0.00 0.00	31.78 0.10 0.00	35.81 0.21 0.00	38.40 0.27 0.00	39.81 0.00 0.00	44.58 0.09 0.00	48.47 -0.94 0.00	49.81 -1.33 0.00	51.07 -1.53 0.00	66.75 -2.21 0.00	76.07 -1.95 0.00	84.55 -2.34 0.00	79.59 -2.04 0.00	83.20 -2.30 0.00	52.29 -1.45 0.00	48.70 -0.44 0.00	43.72 0.35 0.00	39.62 0.28 0.00
AMERICAN_REF_FUEL 24010	32.90 -0.13 0.00	29.53 0.35 0.00	27.43 -0.11 0.00	26.10 -0.13 0.00	24.85 -0.87 0.00	26.50 0.19 0.00	29.32 -0.06 0.00	30.48 -1.20 0.00	33.82 -1.78 0.00	36.30 -1.83 0.00	38.17 -1.63 0.00	42.90 -1.60 0.00	47.68 -1.73 0.00	49.71 -1.43 0.00	52.02 -0.58 0.00	66.82 -2.14 0.00	75.45 -2.57 0.00	83.42 -3.48 0.00	78.45 -3.18 0.00	83.62 -1.88 0.00	54.01 0.27 0.00	47.22 -1.92 0.00	41.94 -1.43 0.00	38.55 -0.79 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.25 1.22 0.00	30.69 1.52 0.00	28.48 0.94 0.00	27.09 0.86 0.00	25.93 0.20 0.00	27.60 1.29 0.00	30.73 1.35 0.00	32.38 0.70 0.00	36.02 0.43 0.00	38.74 0.61 0.00	40.84 1.03 0.00	45.88 1.38 0.00	51.09 1.68 0.00	53.33 2.20 0.00	55.81 3.21 0.00	71.79 2.83 0.00	80.91 2.89 0.00	89.50 2.60 0.00	84.08 2.45 0.00	89.26 3.76 0.00	57.34 3.60 0.00	50.32 1.18 0.00	44.58 1.21 0.00	40.72 1.38 0.00
ARTHUR_KILL_GT_1 23520	32.43 2.21 2.81	31.20 2.01 -0.01	29.50 1.96 -0.01	28.04 1.81 -0.01	27.59 1.85 -0.01	28.15 1.84 0.00	31.05 1.67 0.00	31.49 2.18 0.00	31.51 2.70 2.38	33.13 2.75 7.74	33.67 2.47 8.61	34.37 2.62 12.75	34.50 2.91 17.83	36.24 3.12 18.02	34.85 2.58 20.33	44.62 4.42 28.75	51.70 5.07 31.39	59.44 5.73 33.19	52.99 4.98 33.62	57.52 4.02 32.00	34.08 1.50 21.17	34.06 1.97 17.05	34.16 1.69 10.90	32.46 1.58 8.45
ARTHUR_KILL_2 23512	32.30 2.08 2.81	31.08 1.90 -0.01	29.42 1.87 -0.01	27.94 1.70 -0.01	27.51 1.77 -0.01	28.07 1.76 0.00	30.96 1.59 0.00	31.40 2.09 0.00	31.40 2.60 2.38	32.98 2.59 7.74	33.55 2.35 8.61	34.19 2.45 12.75	34.30 2.72 17.83	35.98 2.86 18.02	34.64 2.37 20.33	44.34 4.14 28.75	51.31 4.68 31.39	59.00 5.30 33.19	52.58 4.57 33.62	57.09 3.59 32.00	33.81 1.24 21.17	33.81 1.72 17.05	33.99 1.52 10.90	32.30 1.41 8.45
ARTHUR_KILL_3 23513	32.03 1.82 2.82	30.75 1.57 0.00	29.08 1.54 0.00	27.64 1.42 0.00	27.19 1.47 0.00	27.78 1.47 0.01	30.99 1.61 0.00	31.35 2.03 2.37	31.16 2.35 6.79	32.84 2.44 7.73	33.52 2.31 8.60	34.29 2.53 12.74	34.51 2.91 17.82	36.04 2.91 18.01	34.70 2.42 20.32	44.14 3.93 28.75	50.93 4.29 31.38	58.57 4.86 33.18	52.26 4.24 33.61	57.09 3.59 32.00	33.87 1.29 21.16	33.87 1.77 17.04	34.04 1.56 10.89	32.25 1.38 8.46
ARTHUR_KILL_COGEN 323718	32.43 2.21 2.81	31.20 2.01 -0.01	29.50 1.96 -0.01	28.04 1.81 -0.01	27.59 1.85 -0.01	28.15 1.84 0.00	31.05 1.67 0.00	31.49 2.18 0.00	31.51 2.70 2.38	33.13 2.75 7.74	33.67 2.47 8.61	34.37 2.62 12.75	34.50 2.91 17.83	36.24 3.12 18.02	34.85 2.58 20.33	44.62 4.42 28.75	51.70 5.07 31.39	59.44 5.73 33.19	52.99 4.98 33.62	57.52 4.02 32.00	34.08 1.50 21.17	34.06 1.97 17.05	34.16 1.69 10.90	32.46 1.58 8.45
ASHOKAN____ 23654	34.28 1.25 0.00	30.14 0.96 0.00	28.56 1.02 0.00	27.15 0.92 0.00	26.65 0.92 0.00	27.21 0.90 0.00	30.50 1.12 0.00	32.92 1.23 0.00	36.81 1.14 -0.07	39.23 1.11 0.00	40.96 1.16 0.00	45.65 1.15 0.00	50.94 1.53 0.00	52.72 1.59 0.00	54.02 1.42 0.00	71.64 2.69 0.00	80.36 2.34 0.00	89.76 2.86 0.00	84.90 3.27 0.00	88.66 3.17 0.00	55.46 1.72 0.00	51.40 2.26 0.00	44.98 1.61 0.00	40.75 1.41 0.00

ASTORIA_EAST_ENERGY_CC1 323581	35.28 2.25 -0.01	31.14 1.96 -0.01	29.44 1.90 -0.01	27.99 1.76 0.00	27.54 1.80 -0.01	28.13 1.81 -0.01	31.02 1.64 0.01	33.80 2.12 0.01	38.42 2.67 -0.16	40.76 2.63 0.00	42.32 2.51 0.00	47.30 2.80 0.00	52.58 3.17 0.00	54.47 3.32 -0.01	55.39 2.79 -0.01	73.52 4.55 -0.01	83.17 5.15 -0.01	92.64 5.73 -0.01	86.70 5.06 -0.01	89.53 4.02 -0.01	55.40 1.67 0.01	51.26 2.11 -0.01	45.28 1.91 -0.01	41.08 1.73 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	35.28 2.25 -0.01	31.14 1.96 -0.01	29.44 1.90 -0.01	27.99 1.76 0.00	27.54 1.80 -0.01	28.13 1.81 -0.01	31.02 1.64 0.01	33.80 2.12 0.01	38.42 2.67 -0.16	40.76 2.63 0.00	42.32 2.51 0.00	47.30 2.80 0.00	52.58 3.17 0.00	54.47 3.32 -0.01	55.39 2.79 -0.01	73.52 4.55 -0.01	83.17 5.15 -0.01	92.64 5.73 -0.01	86.70 5.06 -0.01	89.53 4.02 -0.01	55.40 1.67 0.01	51.26 2.11 -0.01	45.28 1.91 -0.01	41.08 1.73 -0.01
ASTORIA_GT2_1 24094	35.42 2.38 -0.01	31.17 1.98 -0.01	29.45 1.90 -0.01	28.04 1.81 0.00	27.56 1.83 -0.01	28.27 1.95 -0.01	31.08 1.70 0.00	33.84 2.15 0.00	38.42 2.67 -0.16	40.76 2.63 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.47 3.06 0.00	53.86 2.71 -0.01	55.34 2.74 -0.01	73.23 4.28 0.00	83.09 5.07 0.00	92.46 5.56 -0.01	86.53 4.90 0.00	89.36 3.85 -0.01	55.29 1.56 0.01	51.12 1.97 -0.01	45.37 2.00 -0.01	41.16 1.81 -0.01
ASTORIA_GT2_2 24095	35.42 2.38 -0.01	31.17 1.98 -0.01	29.45 1.90 -0.01	28.04 1.81 0.00	27.56 1.83 -0.01	28.27 1.95 -0.01	31.08 1.70 0.00	33.84 2.15 0.00	38.42 2.67 -0.16	40.76 2.63 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.47 3.06 0.00	53.86 2.71 -0.01	55.34 2.74 -0.01	73.23 4.28 0.00	83.09 5.07 0.00	92.46 5.56 -0.01	86.53 4.90 0.00	89.36 3.85 -0.01	55.29 1.56 0.01	51.12 1.97 -0.01	45.37 2.00 -0.01	41.16 1.81 -0.01
ASTORIA_GT2_3 24096	35.42 2.38 -0.01	31.17 1.98 -0.01	29.45 1.90 -0.01	28.04 1.81 0.00	27.56 1.83 -0.01	28.27 1.95 -0.01	31.08 1.70 0.00	33.84 2.15 0.00	38.42 2.67 -0.16	40.76 2.63 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.47 3.06 0.00	53.86 2.71 -0.01	55.34 2.74 -0.01	73.23 4.28 0.00	83.09 5.07 0.00	92.46 5.56 -0.01	86.53 4.90 0.00	89.36 3.85 -0.01	55.29 1.56 0.01	51.12 1.97 -0.01	45.37 2.00 -0.01	41.16 1.81 -0.01
ASTORIA_GT2_4 24097	35.42 2.38 -0.01	31.17 1.98 -0.01	29.45 1.90 -0.01	28.04 1.81 0.00	27.56 1.83 -0.01	28.27 1.95 -0.01	31.08 1.70 0.00	33.84 2.15 0.00	38.42 2.67 -0.16	40.76 2.63 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.47 3.06 0.00	53.86 2.71 -0.01	55.34 2.74 -0.01	73.23 4.28 0.00	83.09 5.07 0.00	92.46 5.56 -0.01	86.53 4.90 0.00	89.36 3.85 -0.01	55.29 1.56 0.01	51.12 1.97 -0.01	45.37 2.00 -0.01	41.16 1.81 -0.01
ASTORIA_GT3_1 24098	35.42 2.38 -0.01	31.17 1.98 -0.01	29.45 1.90 -0.01	28.04 1.81 0.00	27.56 1.83 -0.01	28.27 1.95 -0.01	31.08 1.70 0.00	33.84 2.15 0.00	38.42 2.67 -0.16	40.76 2.63 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.47 3.06 0.00	53.86 2.71 -0.01	55.34 2.74 -0.01	73.23 4.28 0.00	83.09 5.07 0.00	92.46 5.56 -0.01	86.53 4.90 0.00	89.36 3.85 -0.01	55.29 1.56 0.01	51.12 1.97 -0.01	45.37 2.00 -0.01	41.16 1.81 -0.01
ASTORIA_GT3_2 24099	35.42 2.38 -0.01	31.17 1.98 -0.01	29.45 1.90 -0.01	28.04 1.81 0.00	27.56 1.83 -0.01	28.27 1.95 -0.01	31.08 1.70 0.00	33.84 2.15 0.00	38.42 2.67 -0.16	40.76 2.63 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.47 3.06 0.00	53.86 2.71 -0.01	55.34 2.74 -0.01	73.23 4.28 0.00	83.09 5.07 0.00	92.46 5.56 -0.01	86.53 4.90 0.00	89.36 3.85 -0.01	55.29 1.56 0.01	51.12 1.97 -0.01	45.37 2.00 -0.01	41.16 1.81 -0.01
ASTORIA_GT3_3 24100	35.42 2.38 -0.01	31.17 1.98 -0.01	29.45 1.90 -0.01	28.04 1.81 0.00	27.56 1.83 -0.01	28.27 1.95 -0.01	31.08 1.70 0.00	33.84 2.15 0.00	38.42 2.67 -0.16	40.76 2.63 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.47 3.06 0.00	53.86 2.71 -0.01	55.34 2.74 -0.01	73.23 4.28 0.00	83.09 5.07 0.00	92.46 5.56 -0.01	86.53 4.90 0.00	89.36 3.85 -0.01	55.29 1.56 0.01	51.12 1.97 -0.01	45.37 2.00 -0.01	41.16 1.81 -0.01
ASTORIA_GT3_4 24101	35.42 2.38 -0.01	31.17 1.98 -0.01	29.45 1.90 -0.01	28.04 1.81 0.00	27.56 1.83 -0.01	28.27 1.95 -0.01	31.08 1.70 0.00	33.84 2.15 0.00	38.42 2.67 -0.16	40.76 2.63 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.47 3.06 0.00	53.86 2.71 -0.01	55.34 2.74 -0.01	73.23 4.28 0.00	83.09 5.07 0.00	92.46 5.56 -0.01	86.53 4.90 0.00	89.36 3.85 -0.01	55.29 1.56 0.01	51.12 1.97 -0.01	45.37 2.00 -0.01	41.16 1.81 -0.01
ASTORIA_GT4_1 24102	35.42 2.38 -0.01	31.17 1.98 -0.01	29.45 1.90 -0.01	28.04 1.81 0.00	27.56 1.83 -0.01	28.27 1.95 -0.01	31.08 1.70 0.00	33.84 2.15 0.00	38.42 2.67 -0.16	40.76 2.63 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.47 3.06 0.00	53.86 2.71 -0.01	55.34 2.74 -0.01	73.23 4.28 0.00	83.09 5.07 0.00	92.46 5.56 -0.01	86.53 4.90 0.00	89.36 3.85 -0.01	55.29 1.56 0.01	51.12 1.97 -0.01	45.37 2.00 -0.01	41.16 1.81 -0.01
ASTORIA_GT4_2 24103	35.42 2.38 -0.01	31.17 1.98 -0.01	29.45 1.90 -0.01	28.04 1.81 0.00	27.56 1.83 -0.01	28.27 1.95 -0.01	31.08 1.70 0.00	33.84 2.15 0.00	38.42 2.67 -0.16	40.76 2.63 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.47 3.06 0.00	53.86 2.71 -0.01	55.34 2.74 -0.01	73.23 4.28 0.00	83.09 5.07 0.00	92.46 5.56 -0.01	86.53 4.90 0.00	89.36 3.85 -0.01	55.29 1.56 0.01	51.12 1.97 -0.01	45.37 2.00 -0.01	41.16 1.81 -0.01
ASTORIA_GT4_3 24104	35.42 2.38 -0.01	31.17 1.98 -0.01	29.45 1.90 -0.01	28.04 1.81 0.00	27.56 1.83 -0.01	28.27 1.95 -0.01	31.08 1.70 0.00	33.84 2.15 0.00	38.42 2.67 -0.16	40.76 2.63 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.47 3.06 0.00	53.86 2.71 -0.01	55.34 2.74 -0.01	73.23 4.28 0.00	83.09 5.07 0.00	92.46 5.56 -0.01	86.53 4.90 0.00	89.36 3.85 -0.01	55.29 1.56 0.01	51.12 1.97 -0.01	45.37 2.00 -0.01	41.16 1.81 -0.01
ASTORIA_GT4_4 24105	35.42 2.38 -0.01	31.17 1.98 -0.01	29.45 1.90 -0.01	28.04 1.81 0.00	27.56 1.83 -0.01	28.27 1.95 -0.01	31.08 1.70 0.00	33.84 2.15 0.00	38.42 2.67 -0.16	40.76 2.63 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.47 3.06 0.00	53.86 2.71 -0.01	55.34 2.74 -0.01	73.23 4.28 0.00	83.09 5.07 0.00	92.46 5.56 -0.01	86.53 4.90 0.00	89.36 3.85 -0.01	55.29 1.56 0.01	51.12 1.97 -0.01	45.37 2.00 -0.01	41.16 1.81 -0.01
ASTORIA_GT_1 23523	35.38 2.35 -0.01	31.23 2.04 -0.01	29.53 1.98 -0.01	28.06 1.84 0.00	27.61 1.88 -0.01	28.21 1.90 -0.01	31.10 1.73 0.01	33.89 2.22 0.01	38.53 2.78 -0.16	40.87 2.75 0.00	42.43 2.63 0.00	47.43 2.94 0.00	52.72 3.31 0.00	54.67 3.53 -0.01	55.60 3.00 -0.01	73.72 4.75 -0.01	83.49 5.46 -0.01	92.98 6.08 -0.01	87.03 5.39 -0.01	89.78 4.27 -0.01	55.56 1.83 0.01	51.41 2.26 -0.01	45.42 2.04 -0.01	41.20 1.85 -0.01

ASTORIA_GT_10 24110	35.31 2.28 0.00	31.07 1.90 0.00	29.36 1.82 0.00	27.93 1.70 0.00	27.45 1.72 0.00	28.13 1.82 0.00	31.14 1.76 0.00	33.90 2.22 0.00	38.39 2.63 -0.16	40.80 2.67 0.00	42.44 2.63 0.00	47.21 2.71 0.00	52.28 2.87 0.00	53.90 2.76 0.00	55.07 2.47 0.00	72.89 3.93 0.00	82.62 4.60 0.00	91.93 5.04 0.00	85.96 4.33 0.00	89.01 3.51 0.00	54.92 1.18 0.01	50.91 1.77 0.00	45.19 1.82 0.00	41.03 1.69 0.00
ASTORIA_GT_11 24225	35.31 2.28 0.00	31.07 1.90 0.00	29.36 1.82 0.00	27.93 1.70 0.00	27.45 1.72 0.00	28.13 1.82 0.00	31.14 1.76 0.00	33.90 2.22 0.00	38.39 2.63 -0.16	40.80 2.67 0.00	42.44 2.63 0.00	47.21 2.71 0.00	52.28 2.87 0.00	53.90 2.76 0.00	55.07 2.47 0.00	72.89 3.93 0.00	82.62 4.60 0.00	91.93 5.04 0.00	85.96 4.33 0.00	89.01 3.51 0.00	54.92 1.18 0.01	50.91 1.77 0.00	45.19 1.82 0.00	41.03 1.69 0.00
ASTORIA_GT_12 24226	35.21 2.18 0.00	31.05 1.87 0.00	29.36 1.82 0.00	27.91 1.68 0.00	27.45 1.72 0.00	28.05 1.74 0.00	31.11 1.73 0.00	33.90 2.22 0.00	38.39 2.63 -0.16	40.80 2.67 0.00	42.36 2.55 0.00	47.21 2.71 0.00	52.43 3.01 0.00	54.26 3.12 0.00	55.12 2.52 0.00	73.16 4.21 0.00	82.78 4.76 0.00	92.20 5.30 0.00	86.20 4.57 0.00	89.17 3.67 0.00	55.08 1.34 0.01	51.06 1.91 0.00	45.15 1.78 0.00	40.99 1.65 0.00
ASTORIA_GT_13 24227	35.21 2.18 0.00	31.05 1.87 0.00	29.36 1.82 0.00	27.91 1.68 0.00	27.45 1.72 0.00	28.05 1.74 0.00	31.11 1.73 0.00	33.90 2.22 0.00	38.39 2.63 -0.16	40.80 2.67 0.00	42.36 2.55 0.00	47.21 2.71 0.00	52.43 3.01 0.00	54.26 3.12 0.00	55.12 2.52 0.00	73.16 4.21 0.00	82.78 4.76 0.00	92.20 5.30 0.00	86.20 4.57 0.00	89.17 3.67 0.00	55.08 1.34 0.01	51.06 1.91 0.00	45.15 1.78 0.00	40.99 1.65 0.00
ASTORIA_GT_5 24106	35.38 2.35 -0.01	31.23 2.04 -0.01	29.53 1.98 -0.01	28.06 1.84 0.00	27.61 1.88 -0.01	28.21 1.90 -0.01	31.10 1.73 0.01	33.89 2.22 0.01	38.53 2.78 -0.16	40.87 2.75 0.00	42.43 2.63 0.00	47.43 2.94 0.00	52.72 3.31 0.00	54.67 3.53 -0.01	55.60 3.00 -0.01	73.72 4.75 -0.01	83.49 5.46 -0.01	92.98 6.08 -0.01	87.03 5.39 -0.01	89.78 4.27 -0.01	55.56 1.83 0.01	51.41 2.26 -0.01	45.42 2.04 -0.01	41.20 1.85 -0.01
ASTORIA_GT_7 24107	35.38 2.35 -0.01	31.23 2.04 -0.01	29.53 1.98 -0.01	28.06 1.84 0.00	27.61 1.88 -0.01	28.21 1.90 -0.01	31.10 1.73 0.01	33.89 2.22 0.01	38.53 2.78 -0.16	40.87 2.75 0.00	42.43 2.63 0.00	47.43 2.94 0.00	52.72 3.31 0.00	54.67 3.53 -0.01	55.60 3.00 -0.01	73.72 4.75 -0.01	83.49 5.46 -0.01	92.98 6.08 -0.01	87.03 5.39 -0.01	89.78 4.27 -0.01	55.56 1.83 0.01	51.41 2.26 -0.01	45.42 2.04 -0.01	41.20 1.85 -0.01
ASTORIA_GT_8 24108	35.48 2.44 -0.01	31.23 2.04 -0.01	29.53 1.98 -0.01	28.09 1.86 0.00	27.61 1.88 -0.01	28.32 2.00 -0.01	31.14 1.76 0.00	33.90 2.22 0.00	38.53 2.78 -0.16	40.87 2.75 0.00	42.55 2.75 0.00	47.39 2.89 0.00	52.57 3.16 0.00	54.01 2.86 -0.01	55.55 2.95 -0.01	73.44 4.48 0.00	83.32 5.31 0.00	92.72 5.82 -0.01	86.77 5.14 0.00	89.61 4.10 -0.01	55.45 1.72 0.01	51.26 2.11 -0.01	45.46 2.08 -0.01	41.24 1.89 -0.01
ASTORIA___2 24149	35.28 2.25 -0.01	31.17 1.99 -0.01	29.44 1.90 -0.01	28.01 1.78 0.00	27.56 1.83 -0.01	28.16 1.84 -0.01	31.05 1.67 0.01	33.83 2.16 0.01	38.42 2.67 -0.16	40.76 2.63 0.00	42.36 2.55 0.00	47.30 2.80 0.00	52.58 3.17 0.00	54.52 3.37 -0.01	55.44 2.84 -0.01	73.52 4.55 -0.01	83.25 5.23 -0.01	92.72 5.82 -0.01	86.79 5.15 -0.01	89.53 4.02 -0.01	55.45 1.72 0.01	51.26 2.11 -0.01	45.33 1.95 -0.01	41.12 1.77 -0.01
ASTORIA___3 23516	35.21 2.18 0.00	31.05 1.87 0.00	29.36 1.82 0.00	27.91 1.68 0.00	27.45 1.72 0.00	28.05 1.74 0.00	31.11 1.73 0.00	33.90 2.22 0.00	38.39 2.63 -0.16	40.80 2.67 0.00	42.36 2.55 0.00	47.21 2.71 0.00	52.43 3.01 0.00	54.26 3.12 0.00	55.12 2.52 0.00	73.16 4.21 0.00	82.78 4.76 0.00	92.20 5.30 0.00	86.20 4.57 0.00	89.17 3.67 0.00	55.08 1.34 0.01	51.06 1.91 0.00	45.15 1.78 0.00	40.99 1.65 0.00
ASTORIA___4 23517	35.31 2.28 0.00	31.07 1.90 0.00	29.36 1.82 0.00	27.93 1.70 0.00	27.45 1.72 0.00	28.13 1.82 0.00	31.14 1.76 0.00	33.90 2.22 0.00	38.39 2.63 -0.16	40.80 2.67 0.00	42.44 2.63 0.00	47.17 2.67 0.00	52.28 2.87 0.00	53.90 2.76 0.00	55.07 2.47 0.00	72.89 3.93 0.00	82.62 4.60 0.00	91.93 5.04 0.00	85.96 4.33 0.00	89.01 3.51 0.00	54.92 1.18 0.01	50.91 1.77 0.00	45.19 1.82 0.00	41.03 1.69 0.00
ASTORIA___5 23518	35.21 2.18 0.00	31.05 1.87 0.00	29.36 1.82 0.00	27.91 1.68 0.00	27.45 1.72 0.00	28.05 1.74 0.00	31.11 1.73 0.00	33.90 2.22 0.00	38.39 2.63 -0.16	40.80 2.67 0.00	42.36 2.55 0.00	47.21 2.71 0.00	52.43 3.01 0.00	54.26 3.12 0.00	55.12 2.52 0.00	73.16 4.21 0.00	82.78 4.76 0.00	92.20 5.30 0.00	86.20 4.57 0.00	89.17 3.67 0.00	55.08 1.34 0.01	51.06 1.91 0.00	45.15 1.78 0.00	40.99 1.65 0.00
AST_ENERGY_2_CC3 323677	35.01 1.98 0.00	30.90 1.72 0.00	29.22 1.68 0.00	27.80 1.57 0.00	27.32 1.60 0.00	27.92 1.61 0.00	31.11 1.73 0.00	33.84 2.16 0.00	38.28 2.53 -0.16	40.76 2.63 0.00	42.28 2.47 0.00	47.26 2.76 0.00	52.53 3.11 0.00	54.31 3.17 0.00	55.28 2.68 0.00	73.23 4.28 0.00	82.70 4.68 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.52 4.02 0.00	55.35 1.61 0.00	51.21 2.06 0.00	45.19 1.82 0.00	40.95 1.61 0.00
AST_ENERGY_2_CC4 323678	35.01 1.98 0.00	30.90 1.72 0.00	29.22 1.68 0.00	27.80 1.57 0.00	27.32 1.60 0.00	27.92 1.61 0.00	31.11 1.73 0.00	33.84 2.16 0.00	38.28 2.53 -0.16	40.76 2.63 0.00	42.28 2.47 0.00	47.26 2.76 0.00	52.53 3.11 0.00	54.31 3.17 0.00	55.28 2.68 0.00	73.23 4.28 0.00	82.70 4.68 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.52 4.02 0.00	55.35 1.61 0.00	51.21 2.06 0.00	45.19 1.82 0.00	40.95 1.61 0.00
ATHENS_STG_1 23668	34.15 1.12 0.00	30.14 0.96 0.00	28.56 1.02 0.00	27.20 0.97 0.00	26.71 0.98 0.00	27.31 1.00 0.00	30.44 1.06 0.00	32.89 1.20 0.00	37.11 1.39 -0.13	39.54 1.41 0.00	41.20 1.39 0.00	45.88 1.38 0.00	50.99 1.58 0.00	52.62 1.48 0.00	53.86 1.26 0.00	70.82 1.86 0.00	79.89 1.87 0.00	89.15 2.26 0.00	83.67 2.04 0.00	87.47 1.97 0.00	54.65 0.91 0.00	50.42 1.28 0.00	44.50 1.13 0.00	40.32 0.98 0.00
ATHENS_STG_2 23670	34.15 1.12 0.00	30.14 0.96 0.00	28.56 1.02 0.00	27.20 0.97 0.00	26.71 0.98 0.00	27.31 1.00 0.00	30.44 1.06 0.00	32.89 1.20 0.00	37.11 1.39 -0.13	39.54 1.41 0.00	41.20 1.39 0.00	45.88 1.38 0.00	50.99 1.58 0.00	52.62 1.48 0.00	53.86 1.26 0.00	70.82 1.86 0.00	79.89 1.87 0.00	89.15 2.26 0.00	83.67 2.04 0.00	87.47 1.97 0.00	54.65 0.91 0.00	50.42 1.28 0.00	44.50 1.13 0.00	40.32 0.98 0.00

ATHENS_STG_3 23677	34.15 1.12 0.00	30.14 0.96 0.00	28.56 1.02 0.00	27.20 0.97 0.00	26.71 0.98 0.00	27.31 1.00 0.00	30.44 1.06 0.00	32.89 1.20 0.00	37.11 1.39 -0.13	39.54 1.41 0.00	41.20 1.39 0.00	45.88 1.38 0.00	50.99 1.58 0.00	52.62 1.48 0.00	53.86 1.26 0.00	70.82 1.86 0.00	79.89 1.87 0.00	89.15 2.26 0.00	83.67 2.04 0.00	87.47 1.97 0.00	54.65 0.91 0.00	50.42 1.28 0.00	44.50 1.13 0.00	40.32 0.98 0.00
AUBURN____LFGE 323710	33.49 0.46 0.00	29.76 0.58 0.00	27.92 0.39 0.00	26.60 0.37 0.00	25.96 0.23 0.00	26.71 0.39 0.00	29.82 0.44 0.00	32.13 0.44 0.00	36.09 0.50 0.00	38.78 0.65 0.00	40.41 0.60 0.00	45.34 0.85 0.00	50.35 0.94 0.00	52.42 1.28 0.00	54.54 1.95 0.00	72.07 2.00 -1.11	81.28 2.26 -1.00	92.44 3.13 -2.42	86.64 3.02 -1.99	92.35 3.33 -3.51	56.05 2.31 0.00	50.67 1.52 0.00	44.63 1.26 0.00	40.44 1.10 0.00
BABYLON_RES_REC 323704	39.36 3.10 -3.23	38.84 2.63 -7.04	34.30 2.56 -4.20	28.68 2.44 -0.02	28.69 2.45 -0.51	29.49 2.50 -0.67	31.70 2.32 0.00	34.54 2.85 0.00	39.05 3.17 -0.29	41.69 3.43 -0.13	51.78 3.26 -8.71	56.47 3.51 -8.46	60.65 3.95 -7.28	56.39 3.88 -1.36	59.19 3.52 -3.07	79.99 4.48 -6.55	89.84 4.76 -7.06	102.55 5.99 -9.67	94.97 5.15 -8.19	89.95 4.27 -0.17	58.07 2.58 -1.75	55.30 3.88 -2.27	51.30 3.47 -4.45	46.26 3.07 -3.85
BABYLON__69_KV_BK2 356345	39.89 3.63 -3.23	39.25 3.03 -7.04	34.69 2.95 -4.20	29.05 2.81 -0.02	28.99 2.75 -0.51	29.88 2.89 -0.67	32.29 2.91 0.00	35.20 3.52 0.00	39.94 4.06 -0.29	42.64 4.38 -0.13	52.85 4.34 -8.71	57.68 4.72 -8.46	63.51 5.29 -8.81	59.37 5.16 -3.07	64.90 4.79 -7.52	95.56 5.86 -20.75	107.00 6.63 -22.35	124.90 7.39 -30.62	113.95 6.37 -25.95	91.95 5.90 -0.55	62.43 3.71 -4.98	59.00 4.57 -5.28	52.07 4.25 -4.45	46.93 3.74 -3.85
BARON_WINDS____WT_PWR 323822	33.69 0.66 0.00	30.08 0.91 0.00	28.06 0.52 0.00	26.70 0.47 0.00	25.75 0.03 0.00	27.02 0.71 0.00	30.14 0.76 0.00	31.88 0.19 0.00	35.52 -0.07 0.01	38.13 0.00 0.00	40.12 0.32 0.00	44.99 0.49 0.00	50.10 0.69 0.00	52.26 1.12 0.00	54.49 1.89 0.00	70.72 1.52 -0.25	79.80 1.56 -0.22	89.00 1.57 -0.54	83.71 1.63 -0.44	88.77 2.48 -0.79	56.16 2.42 0.00	49.83 0.69 0.00	44.11 0.74 0.00	40.17 0.83 0.00
BARRETT_IC_1 23704	38.87 2.61 -3.23	38.44 2.22 -7.04	33.92 2.18 -4.21	28.35 2.10 -0.02	28.33 2.08 -0.52	29.09 2.11 -0.67	31.50 2.12 0.00	34.19 2.50 0.00	38.70 2.81 -0.29	41.27 3.01 -0.13	51.30 2.79 -8.71	56.02 3.07 -8.45	59.33 3.51 -6.41	55.19 3.48 -0.58	56.66 3.05 -1.01	72.82 3.86 0.00	82.07 4.05 0.01	92.02 5.13 0.00	85.95 4.32 0.01	88.92 3.42 0.01	55.73 1.99 0.00	52.54 2.70 -0.70	50.57 2.73 -4.46	45.64 2.44 -3.86
BARRETT_IC_10 23701	38.87 2.61 -3.23	38.44 2.22 -7.04	33.92 2.18 -4.21	28.35 2.10 -0.02	28.33 2.08 -0.52	29.09 2.11 -0.67	31.50 2.12 0.00	34.19 2.50 0.00	38.70 2.81 -0.29	41.27 3.01 -0.13	51.30 2.79 -8.71	56.02 3.07 -8.45	59.33 3.51 -6.41	55.19 3.48 -0.58	56.66 3.05 -1.01	72.82 3.86 0.00	82.07 4.05 0.01	92.02 5.13 0.00	85.95 4.32 0.01	88.92 3.42 0.01	55.73 1.99 0.00	52.54 2.70 -0.70	50.57 2.73 -4.46	45.64 2.44 -3.86
BARRETT_IC_11 23702	38.87 2.61 -3.23	38.44 2.22 -7.04	33.92 2.18 -4.21	28.35 2.10 -0.02	28.33 2.08 -0.52	29.09 2.11 -0.67	31.50 2.12 0.00	34.19 2.50 0.00	38.70 2.81 -0.29	41.27 3.01 -0.13	51.30 2.79 -8.71	56.02 3.07 -8.45	59.33 3.51 -6.41	55.19 3.48 -0.58	56.66 3.05 -1.01	72.82 3.86 0.00	82.07 4.05 0.01	92.02 5.13 0.00	85.95 4.32 0.01	88.92 3.42 0.01	55.73 1.99 0.00	52.54 2.70 -0.70	50.57 2.73 -4.46	45.64 2.44 -3.86
BARRETT_IC_12 23703	38.87 2.61 -3.23	38.44 2.22 -7.04	33.92 2.18 -4.21	28.35 2.10 -0.02	28.33 2.08 -0.52	29.09 2.11 -0.67	31.50 2.12 0.00	34.19 2.50 0.00	38.70 2.81 -0.29	41.27 3.01 -0.13	51.30 2.79 -8.71	56.02 3.07 -8.45	59.33 3.51 -6.41	55.19 3.48 -0.58	56.66 3.05 -1.01	72.82 3.86 0.00	82.07 4.05 0.01	92.02 5.13 0.00	85.95 4.32 0.01	88.92 3.42 0.01	55.73 1.99 0.00	52.54 2.70 -0.70	50.57 2.73 -4.46	45.64 2.44 -3.86
BARRETT_IC_2 23705	38.87 2.61 -3.23	38.44 2.22 -7.04	33.92 2.18 -4.21	28.35 2.10 -0.02	28.33 2.08 -0.52	29.09 2.11 -0.67	31.50 2.12 0.00	34.19 2.50 0.00	38.70 2.81 -0.29	41.27 3.01 -0.13	51.30 2.79 -8.71	56.02 3.07 -8.45	59.33 3.51 -6.41	55.19 3.48 -0.58	56.66 3.05 -1.01	72.82 3.86 0.00	82.07 4.05 0.01	92.02 5.13 0.00	85.95 4.32 0.01	88.92 3.42 0.01	55.73 1.99 0.00	52.54 2.70 -0.70	50.57 2.73 -4.46	45.64 2.44 -3.86
BARRETT_IC_3 23706	38.87 2.61 -3.23	38.44 2.22 -7.04	33.92 2.18 -4.21	28.35 2.10 -0.02	28.33 2.08 -0.52	29.09 2.11 -0.67	31.50 2.12 0.00	34.19 2.50 0.00	38.70 2.81 -0.29	41.27 3.01 -0.13	51.30 2.79 -8.71	56.02 3.07 -8.45	59.33 3.51 -6.41	55.19 3.48 -0.58	56.66 3.05 -1.01	72.82 3.86 0.00	82.07 4.05 0.01	92.02 5.13 0.00	85.95 4.32 0.01	88.92 3.42 0.01	55.73 1.99 0.00	52.54 2.70 -0.70	50.57 2.73 -4.46	45.64 2.44 -3.86
BARRETT_IC_4 23707	38.87 2.61 -3.23	38.44 2.22 -7.04	33.92 2.18 -4.21	28.35 2.10 -0.02	28.33 2.08 -0.52	29.09 2.11 -0.67	31.50 2.12 0.00	34.19 2.50 0.00	38.70 2.81 -0.29	41.27 3.01 -0.13	51.30 2.79 -8.71	56.02 3.07 -8.45	59.33 3.51 -6.41	55.19 3.48 -0.58	56.66 3.05 -1.01	72.82 3.86 0.00	82.07 4.05 0.01	92.02 5.13 0.00	85.95 4.32 0.01	88.92 3.42 0.01	55.73 1.99 0.00	52.54 2.70 -0.70	50.57 2.73 -4.46	45.64 2.44 -3.86
BARRETT_IC_5 23708	38.87 2.61 -3.23	38.44 2.22 -7.04	33.92 2.18 -4.21	28.35 2.10 -0.02	28.33 2.08 -0.52	29.09 2.11 -0.67	31.50 2.12 0.00	34.19 2.50 0.00	38.70 2.81 -0.29	41.27 3.01 -0.13	51.30 2.79 -8.71	56.02 3.07 -8.45	59.33 3.51 -6.41	55.19 3.48 -0.58	56.66 3.05 -1.01	72.82 3.86 0.00	82.07 4.05 0.01	92.02 5.13 0.00	85.95 4.32 0.01	88.92 3.42 0.01	55.73 1.99 0.00	52.54 2.70 -0.70	50.57 2.73 -4.46	45.64 2.44 -3.86
BARRETT_IC_6 23709	38.87 2.61 -3.23	38.44 2.22 -7.04	33.92 2.18 -4.21	28.35 2.10 -0.02	28.33 2.08 -0.52	29.09 2.11 -0.67	31.50 2.12 0.00	34.19 2.50 0.00	38.70 2.81 -0.29	41.27 3.01 -0.13	51.30 2.79 -8.71	56.02 3.07 -8.45	59.33 3.51 -6.41	55.19 3.48 -0.58	56.66 3.05 -1.01	72.82 3.86 0.00	82.07 4.05 0.01	92.02 5.13 0.00	85.95 4.32 0.01	88.92 3.42 0.01	55.73 1.99 0.00	52.54 2.70 -0.70	50.57 2.73 -4.46	45.64 2.44 -3.86
BARRETT_IC_7 23710	38.93 2.68 -3.23	38.43 2.22 -7.04	33.92 2.18 -4.20	28.37 2.12 -0.02	28.33 2.08 -0.51	29.14 2.16 -0.67	31.52 2.14 0.00	34.19 2.50 0.00	38.70 2.81 -0.29	41.27 3.01 -0.13	51.34 2.83 -8.71	55.93 2.98 -8.45	59.13 3.31 -6.41	54.99 3.27 -0.58	56.61 3.00 -1.01	72.40 3.45 0.00	81.84 3.82 0.00	91.33 4.43 0.00	85.22 3.59 0.00	88.49 2.99 0.00	55.51 1.77 0.00	52.45 2.60 -0.70	50.60 2.78 -4.45	45.67 2.48 -3.85

BARRETT_IC_8 23711	38.87 2.61 -3.23	38.44 2.22 -7.04	33.92 2.18 -4.21	28.35 2.10 -0.02	28.33 2.08 -0.52	29.09 2.11 -0.67	31.50 2.12 0.00	34.19 2.50 0.00	38.70 2.81 -0.29	41.27 3.01 -0.13	51.30 2.79 -8.71	56.02 3.07 -8.45	59.33 3.51 -6.41	55.19 3.48 -0.58	56.66 3.05 -1.01	72.82 3.86 0.00	82.07 4.05 0.01	92.02 5.13 0.00	85.95 4.32 0.01	88.92 3.42 0.01	55.73 1.99 0.00	52.54 2.70 -0.70	50.57 2.73 -4.46	45.64 2.44 -3.86
BARRETT_IC_9 23700	38.87 2.61 -3.23	38.44 2.22 -7.04	33.92 2.18 -4.21	28.35 2.10 -0.02	28.33 2.08 -0.52	29.09 2.11 -0.67	31.50 2.12 0.00	34.19 2.50 0.00	38.70 2.81 -0.29	41.27 3.01 -0.13	51.30 2.79 -8.71	56.02 3.07 -8.45	59.33 3.51 -6.41	55.19 3.48 -0.58	56.66 3.05 -1.01	72.82 3.86 0.00	82.07 4.05 0.01	92.02 5.13 0.00	85.95 4.32 0.01	88.92 3.42 0.01	55.73 1.99 0.00	52.54 2.70 -0.70	50.57 2.73 -4.46	45.64 2.44 -3.86
BARRETT___1 23545	38.87 2.61 -3.23	38.44 2.22 -7.04	33.92 2.18 -4.21	28.35 2.10 -0.02	28.33 2.08 -0.52	29.09 2.11 -0.67	31.50 2.12 0.00	34.19 2.50 0.00	38.70 2.81 -0.29	41.27 3.01 -0.13	51.30 2.79 -8.71	56.02 3.07 -8.45	59.33 3.51 -6.41	55.19 3.48 -0.58	56.66 3.05 -1.01	72.82 3.86 0.00	82.07 4.05 0.01	92.02 5.13 0.00	85.95 4.32 0.01	88.92 3.42 0.01	55.73 1.99 0.00	52.54 2.70 -0.70	50.57 2.73 -4.46	45.64 2.44 -3.86
BARRETT___2 23546	38.87 2.61 -3.23	38.44 2.22 -7.04	33.92 2.18 -4.21	28.35 2.10 -0.02	28.33 2.08 -0.52	29.09 2.11 -0.67	31.50 2.12 0.00	34.19 2.50 0.00	38.70 2.81 -0.29	41.27 3.01 -0.13	51.30 2.79 -8.71	56.02 3.07 -8.45	59.33 3.51 -6.41	55.19 3.48 -0.58	56.66 3.05 -1.01	72.82 3.86 0.00	82.07 4.05 0.01	92.02 5.13 0.00	85.95 4.32 0.01	88.92 3.42 0.01	55.73 1.99 0.00	52.54 2.70 -0.70	50.57 2.73 -4.46	45.64 2.44 -3.86
BATAVIA___115KV_TB1 55881	33.72 0.69 0.00	30.55 1.37 0.00	28.36 0.83 0.00	26.86 0.63 0.00	25.75 0.03 0.00	27.05 0.74 0.00	30.29 0.91 0.00	31.87 0.19 0.00	35.35 -0.25 0.00	37.98 -0.15 0.00	39.97 0.16 0.00	45.25 0.76 0.00	50.05 0.64 0.00	52.31 1.18 0.00	54.65 2.05 0.00	70.68 1.72 0.00	79.66 1.64 0.00	88.55 1.65 0.00	83.26 1.63 0.00	88.24 2.74 0.00	56.75 3.01 0.00	49.88 0.74 0.00	43.93 0.56 0.00	40.09 0.75 0.00
BAYONEEC___CTG1 323682	35.01 1.98 0.00	30.90 1.72 0.00	29.22 1.68 0.00	27.80 1.57 0.00	27.35 1.62 0.00	27.94 1.63 0.00	31.14 1.76 0.00	33.87 2.18 0.00	38.28 2.53 -0.16	40.76 2.63 0.00	42.32 2.51 0.00	47.26 2.76 0.00	52.58 3.17 0.00	54.31 3.17 0.00	55.28 2.68 0.00	73.23 4.28 0.00	82.70 4.68 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.52 4.02 0.00	55.35 1.61 0.00	51.21 2.06 0.00	45.18 1.82 0.02	40.94 1.61 0.02
BAYONEEC___CTG10 323750	35.01 1.98 0.00	30.90 1.72 0.00	29.22 1.68 0.00	27.80 1.57 0.00	27.35 1.62 0.00	27.94 1.63 0.00	31.14 1.76 0.00	33.87 2.18 0.00	38.28 2.53 -0.16	40.76 2.63 0.00	42.32 2.51 0.00	47.26 2.76 0.00	52.58 3.17 0.00	54.31 3.17 0.00	55.28 2.68 0.00	73.23 4.28 0.00	82.70 4.68 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.52 4.02 0.00	55.35 1.61 0.00	51.21 2.06 0.00	45.18 1.82 0.02	40.94 1.61 0.02
BAYONEEC___CTG2 323683	35.01 1.98 0.00	30.90 1.72 0.00	29.22 1.68 0.00	27.80 1.57 0.00	27.35 1.62 0.00	27.94 1.63 0.00	31.14 1.76 0.00	33.87 2.18 0.00	38.28 2.53 -0.16	40.76 2.63 0.00	42.32 2.51 0.00	47.26 2.76 0.00	52.58 3.17 0.00	54.31 3.17 0.00	55.28 2.68 0.00	73.23 4.28 0.00	82.70 4.68 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.52 4.02 0.00	55.35 1.61 0.00	51.21 2.06 0.00	45.18 1.82 0.02	40.94 1.61 0.02
BAYONEEC___CTG3 323684	35.01 1.98 0.00	30.90 1.72 0.00	29.22 1.68 0.00	27.80 1.57 0.00	27.35 1.62 0.00	27.94 1.63 0.00	31.14 1.76 0.00	33.87 2.18 0.00	38.28 2.53 -0.16	40.76 2.63 0.00	42.32 2.51 0.00	47.26 2.76 0.00	52.58 3.17 0.00	54.31 3.17 0.00	55.28 2.68 0.00	73.23 4.28 0.00	82.70 4.68 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.52 4.02 0.00	55.35 1.61 0.00	51.21 2.06 0.00	45.18 1.82 0.02	40.94 1.61 0.02
BAYONEEC___CTG4 323685	35.01 1.98 0.00	30.90 1.72 0.00	29.22 1.68 0.00	27.80 1.57 0.00	27.35 1.62 0.00	27.94 1.63 0.00	31.14 1.76 0.00	33.87 2.18 0.00	38.28 2.53 -0.16	40.76 2.63 0.00	42.32 2.51 0.00	47.26 2.76 0.00	52.58 3.17 0.00	54.31 3.17 0.00	55.28 2.68 0.00	73.23 4.28 0.00	82.70 4.68 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.52 4.02 0.00	55.35 1.61 0.00	51.21 2.06 0.00	45.18 1.82 0.02	40.94 1.61 0.02
BAYONEEC___CTG5 323686	35.01 1.98 0.00	30.90 1.72 0.00	29.22 1.68 0.00	27.80 1.57 0.00	27.35 1.62 0.00	27.94 1.63 0.00	31.14 1.76 0.00	33.87 2.18 0.00	38.28 2.53 -0.16	40.76 2.63 0.00	42.32 2.51 0.00	47.26 2.76 0.00	52.58 3.17 0.00	54.31 3.17 0.00	55.28 2.68 0.00	73.23 4.28 0.00	82.70 4.68 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.52 4.02 0.00	55.35 1.61 0.00	51.21 2.06 0.00	45.18 1.82 0.02	40.94 1.61 0.02
BAYONEEC___CTG6 323687	35.01 1.98 0.00	30.90 1.72 0.00	29.22 1.68 0.00	27.80 1.57 0.00	27.35 1.62 0.00	27.94 1.63 0.00	31.14 1.76 0.00	33.87 2.18 0.00	38.28 2.53 -0.16	40.76 2.63 0.00	42.32 2.51 0.00	47.26 2.76 0.00	52.58 3.17 0.00	54.31 3.17 0.00	55.28 2.68 0.00	73.23 4.28 0.00	82.70 4.68 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.52 4.02 0.00	55.35 1.61 0.00	51.21 2.06 0.00	45.18 1.82 0.02	40.94 1.61 0.02
BAYONEEC___CTG7 323688	35.01 1.98 0.00	30.90 1.72 0.00	29.22 1.68 0.00	27.80 1.57 0.00	27.35 1.62 0.00	27.94 1.63 0.00	31.14 1.76 0.00	33.87 2.18 0.00	38.28 2.53 -0.16	40.76 2.63 0.00	42.32 2.51 0.00	47.26 2.76 0.00	52.58 3.17 0.00	54.31 3.17 0.00	55.28 2.68 0.00	73.23 4.28 0.00	82.70 4.68 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.52 4.02 0.00	55.35 1.61 0.00	51.21 2.06 0.00	45.18 1.82 0.02	40.94 1.61 0.02
BAYONEEC___CTG8 323689	35.01 1.98 0.00	30.90 1.72 0.00	29.22 1.68 0.00	27.80 1.57 0.00	27.35 1.62 0.00	27.94 1.63 0.00	31.14 1.76 0.00	33.87 2.18 0.00	38.28 2.53 -0.16	40.76 2.63 0.00	42.32 2.51 0.00	47.26 2.76 0.00	52.58 3.17 0.00	54.31 3.17 0.00	55.28 2.68 0.00	73.23 4.28 0.00	82.70 4.68 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.52 4.02 0.00	55.35 1.61 0.00	51.21 2.06 0.00	45.18 1.82 0.02	40.94 1.61 0.02
BAYONEEC___CTG9 323749	35.01 1.98 0.00	30.90 1.72 0.00	29.22 1.68 0.00	27.80 1.57 0.00	27.35 1.62 0.00	27.94 1.63 0.00	31.14 1.76 0.00	33.87 2.18 0.00	38.28 2.53 -0.16	40.76 2.63 0.00	42.32 2.51 0.00	47.26 2.76 0.00	52.58 3.17 0.00	54.31 3.17 0.00	55.28 2.68 0.00	73.23 4.28 0.00	82.70 4.68 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.52 4.02 0.00	55.35 1.61 0.00	51.21 2.06 0.00	45.18 1.82 0.02	40.94 1.61 0.02

BEACON___LESR 323632	34.45 1.42 0.00	30.35 1.17 0.00	28.72 1.18 0.00	27.28 1.05 0.00	26.78 1.06 0.00	27.42 1.10 0.00	30.70 1.32 0.00	33.17 1.49 0.00	37.34 1.64 -0.10	39.73 1.60 0.00	41.60 1.79 0.00	46.23 1.73 0.00	51.44 2.03 0.00	52.93 1.79 0.00	54.44 1.84 0.00	71.37 2.41 0.00	80.51 2.50 0.00	89.93 3.04 0.00	84.49 2.86 0.00	88.23 2.74 0.00	55.41 1.67 0.00	51.16 2.02 0.00	44.98 1.61 0.00	40.80 1.46 0.00
BEAVER RIVER___HYD 24048	32.90 -0.13 0.00	28.97 -0.20 0.00	27.26 -0.28 0.00	26.02 -0.21 0.00	25.42 -0.31 0.00	25.89 -0.42 0.00	29.00 -0.38 0.00	31.31 -0.38 0.00	35.10 -0.50 0.00	37.59 -0.53 0.00	39.37 -0.44 0.00	44.32 -0.18 0.00	49.21 -0.20 0.00	50.98 -0.15 0.00	52.44 -0.16 0.00	69.56 -0.07 -0.68	78.86 0.23 -0.61	88.89 0.52 -1.47	83.74 0.90 -1.21	88.92 1.28 -2.14	54.76 1.02 0.00	49.68 0.54 0.00	43.89 0.52 0.00	39.93 0.59 0.00
BEEBEE_GT_13 23619	33.29 0.26 0.00	29.85 0.67 0.00	27.84 0.30 0.00	26.41 0.18 0.00	25.47 -0.26 0.00	26.52 0.21 0.00	29.70 0.32 0.00	31.62 -0.06 0.00	35.42 -0.18 0.00	38.09 -0.04 0.00	39.97 0.16 0.00	45.07 0.58 0.00	49.95 0.54 0.00	52.16 1.02 0.00	54.33 1.74 0.00	70.41 1.45 0.00	79.42 1.40 0.00	88.55 1.65 0.00	83.10 1.47 0.00	87.64 2.14 0.00	56.00 2.26 0.00	49.78 0.64 0.00	43.80 0.43 0.00	39.89 0.55 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.71 2.68 -0.01	31.40 2.22 -0.01	29.67 2.12 -0.01	28.23 1.99 -0.01	27.72 1.98 -0.01	28.39 2.08 0.00	31.41 2.03 0.00	34.19 2.50 0.00	38.82 3.06 -0.16	41.29 3.16 0.00	42.87 3.07 0.00	47.65 3.16 0.00	52.87 3.46 0.00	54.56 3.43 0.00	55.75 3.16 0.00	76.33 4.96 -2.41	137.62 5.85 -53.75	93.38 6.43 -0.06	87.32 5.63 -0.06	90.20 4.70 0.00	55.61 1.88 0.01	51.50 2.36 0.00	45.58 2.21 0.00	41.39 2.05 0.00
BETHLEHEM___GRP 23843	33.82 0.79 0.00	29.79 0.61 0.00	28.23 0.69 0.00	26.88 0.66 0.00	26.37 0.64 0.00	27.00 0.68 0.00	30.14 0.76 0.00	32.51 0.82 0.00	36.59 0.89 -0.10	38.93 0.80 0.00	40.68 0.88 0.00	45.16 0.67 0.00	50.20 0.79 0.00	51.80 0.66 0.00	53.12 0.53 0.00	69.72 0.76 0.00	78.72 0.70 0.00	87.76 0.87 0.00	82.45 0.82 0.00	86.10 0.60 0.00	54.01 0.27 0.00	50.03 0.88 0.00	44.06 0.69 0.00	39.97 0.63 0.00
BETHLEHEM___GS1 323560	33.76 0.73 0.00	29.79 0.61 0.00	28.23 0.69 0.00	26.86 0.63 0.00	26.37 0.64 0.00	26.97 0.66 0.00	30.14 0.76 0.00	32.51 0.82 0.00	36.59 0.89 -0.10	38.93 0.80 0.00	40.65 0.84 0.00	45.21 0.71 0.00	50.30 0.89 0.00	51.85 0.72 0.00	53.18 0.58 0.00	69.85 0.89 0.00	78.80 0.78 0.00	87.94 1.05 0.00	82.61 0.98 0.00	86.27 0.77 0.00	54.12 0.38 0.00	50.07 0.93 0.00	44.06 0.69 0.00	39.97 0.63 0.00
BETHLEHEM___GS2 323561	33.76 0.73 0.00	29.79 0.61 0.00	28.23 0.69 0.00	26.86 0.63 0.00	26.37 0.64 0.00	26.97 0.66 0.00	30.14 0.76 0.00	32.51 0.82 0.00	36.59 0.89 -0.10	38.93 0.80 0.00	40.65 0.84 0.00	45.21 0.71 0.00	50.30 0.89 0.00	51.85 0.72 0.00	53.18 0.58 0.00	69.85 0.89 0.00	78.80 0.78 0.00	87.94 1.05 0.00	82.61 0.98 0.00	86.27 0.77 0.00	54.12 0.38 0.00	50.07 0.93 0.00	44.06 0.69 0.00	39.97 0.63 0.00
BETHLEHEM___GS3 323562	33.76 0.73 0.00	29.79 0.61 0.00	28.23 0.69 0.00	26.86 0.63 0.00	26.37 0.64 0.00	26.97 0.66 0.00	30.14 0.76 0.00	32.51 0.82 0.00	36.59 0.89 -0.10	38.93 0.80 0.00	40.65 0.84 0.00	45.21 0.71 0.00	50.30 0.89 0.00	51.85 0.72 0.00	53.18 0.58 0.00	69.85 0.89 0.00	78.80 0.78 0.00	87.94 1.05 0.00	82.61 0.98 0.00	86.27 0.77 0.00	54.12 0.38 0.00	50.07 0.93 0.00	44.06 0.69 0.00	39.97 0.63 0.00
BETHLEHEM___STEEL 23779	33.33 0.30 0.00	30.14 0.96 0.00	27.98 0.44 0.00	26.49 0.26 0.00	25.42 -0.31 0.00	26.78 0.47 0.00	30.03 0.65 0.00	31.56 -0.13 0.00	35.10 -0.50 0.00	37.71 -0.42 0.00	39.49 -0.32 0.00	44.67 0.18 0.00	49.56 0.15 0.00	51.75 0.61 0.00	54.07 1.47 0.00	69.85 0.90 0.00	78.49 0.47 0.00	87.15 0.26 0.00	81.79 0.16 0.00	86.87 1.37 0.00	55.94 2.20 0.00	49.09 -0.05 0.00	43.41 0.04 0.00	39.73 0.39 0.00
BETHLHEM_115KV_TB1 79974	33.89 0.86 0.00	29.88 0.70 0.00	28.28 0.74 0.00	26.94 0.71 0.00	26.42 0.69 0.00	27.07 0.76 0.00	30.20 0.82 0.00	32.57 0.89 0.00	36.66 0.96 -0.10	39.00 0.88 0.00	40.76 0.96 0.00	45.30 0.80 0.00	50.30 0.89 0.00	51.90 0.77 0.00	53.23 0.63 0.00	69.85 0.90 0.00	78.95 0.94 0.00	87.94 1.04 0.00	82.61 0.98 0.00	86.35 0.85 0.00	54.12 0.38 0.00	50.13 0.98 0.00	44.19 0.82 0.00	40.09 0.75 0.00
BETHPAGE_CC_5 323564	39.00 2.74 -3.23	38.55 2.34 -7.04	34.03 2.28 -4.20	28.47 2.23 -0.02	28.45 2.21 -0.51	29.27 2.29 -0.67	31.70 2.32 0.00	34.50 2.82 0.00	39.12 3.24 -0.29	41.73 3.47 -0.13	51.74 3.22 -8.71	56.46 3.51 -8.45	60.29 4.00 -6.87	55.87 3.94 -0.79	57.80 3.63 -1.58	75.57 4.83 -1.79	85.02 5.07 -1.93	95.80 6.26 -2.64	89.17 5.30 -2.24	89.99 4.44 -0.05	56.93 2.36 -0.83	53.87 3.19 -1.54	50.73 2.91 -4.45	45.75 2.56 -3.85
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.39 0.36 0.00	30.17 0.99 0.00	28.01 0.47 0.00	26.52 0.29 0.00	25.47 -0.26 0.00	26.84 0.53 0.00	30.06 0.68 0.00	31.62 -0.06 0.00	35.17 -0.43 0.00	37.82 -0.31 0.00	39.65 -0.16 0.00	44.85 0.36 0.00	49.76 0.35 0.00	52.01 0.87 0.00	54.28 1.68 0.00	70.20 1.24 0.00	78.88 0.86 0.00	87.59 0.70 0.00	82.20 0.57 0.00	87.21 1.71 0.00	56.11 2.36 0.00	49.24 0.10 0.00	43.54 0.17 0.00	39.81 0.47 0.00
BINGHAMTON___COGEN 23790	33.43 0.40 0.00	29.70 0.53 0.00	27.92 0.39 0.00	26.54 0.31 0.00	25.88 0.15 0.00	26.71 0.39 0.00	29.88 0.50 0.00	32.03 0.35 0.00	35.90 0.32 0.01	38.51 0.38 0.00	40.33 0.52 0.00	45.25 0.76 0.00	50.25 0.84 0.00	52.26 1.13 0.00	53.91 1.31 0.00	70.95 1.52 -0.47	80.08 1.64 -0.43	89.74 1.82 -1.03	84.19 1.71 -0.84	89.13 2.14 -1.49	55.35 1.61 0.00	50.03 0.88 0.00	44.15 0.78 0.00	40.05 0.71 0.00
BIXINCNT_115KV_LOAD 355685	33.43 0.40 0.00	30.17 0.99 0.00	28.01 0.47 0.00	26.54 0.31 0.00	25.52 -0.21 0.00	26.86 0.55 0.00	30.14 0.76 0.00	31.81 0.13 0.00	35.38 -0.21 0.00	38.01 -0.11 0.00	39.93 0.12 0.00	45.12 0.62 0.00	50.00 0.59 0.00	52.26 1.13 0.00	54.54 1.95 0.00	70.54 1.59 0.00	79.58 1.56 0.00	88.20 1.30 0.00	82.77 1.14 0.00	87.64 2.14 0.00	56.27 2.53 0.00	49.44 0.29 0.00	43.72 0.35 0.00	39.89 0.55 0.00
BLACK RIVER___HYD 24047	32.96 -0.07 0.00	29.06 -0.12 0.00	27.29 -0.25 0.00	26.07 -0.16 0.00	25.45 -0.28 0.00	26.00 -0.31 0.00	29.18 -0.20 0.00	31.43 -0.25 0.00	35.21 -0.39 0.00	37.67 -0.46 0.00	39.65 -0.16 0.00	44.76 0.27 0.00	49.76 0.35 0.00	51.54 0.41 0.00	53.02 0.42 0.00	70.64 0.62 -1.07	80.16 1.17 -0.96	90.87 1.65 -2.32	85.75 2.20 -1.91	91.79 2.91 -3.38	55.83 2.09 0.00	50.42 1.28 0.00	44.41 1.04 0.00	40.32 0.98 0.00

BLACKRVR_115KV_TB2 79977	32.96 -0.07 0.00	29.06 -0.12 0.00	27.29 -0.25 0.00	26.07 -0.16 0.00	25.44 -0.28 0.00	26.00 -0.32 0.00	29.17 -0.21 0.00	31.43 -0.25 0.00	35.20 -0.39 0.00	37.67 -0.46 0.00	39.65 -0.16 0.00	44.76 0.27 0.00	49.76 0.35 0.00	51.55 0.41 0.00	52.96 0.37 0.00	70.71 0.69 -1.07	80.23 1.25 -0.96	90.87 1.65 -2.32	85.75 2.20 -1.91	91.78 2.91 -3.38	55.89 2.15 0.00	50.42 1.28 0.00	44.41 1.04 0.00	40.32 0.98 0.00
BLISS_WT_PWR 323608	33.72 0.69 0.00	30.17 0.99 0.00	27.98 0.44 0.00	26.65 0.42 0.00	25.50 -0.23 0.00	27.13 0.82 0.00	30.17 0.79 0.00	31.81 0.13 0.00	35.42 -0.18 0.00	38.05 -0.08 0.00	40.12 0.32 0.00	45.07 0.58 0.00	50.15 0.74 0.00	52.31 1.18 0.00	54.86 2.26 0.00	70.61 1.65 0.00	79.81 1.80 0.00	88.28 1.39 0.00	82.93 1.30 0.00	88.06 2.56 0.00	56.43 2.69 0.00	49.49 0.35 0.00	43.80 0.43 0.00	40.01 0.67 0.00
BLUE_CIRC_CHEM_DRP 24182	34.35 1.32 0.00	30.29 1.11 0.00	28.69 1.16 0.00	27.30 1.08 0.00	26.78 1.05 0.00	27.42 1.11 0.00	30.58 1.20 0.00	32.98 1.30 0.00	37.12 1.42 -0.10	39.50 1.37 0.00	41.28 1.47 0.00	45.74 1.25 0.00	50.84 1.43 0.00	52.47 1.33 0.00	53.86 1.26 0.00	70.61 1.65 0.00	79.74 1.72 0.00	88.89 2.00 0.00	83.59 1.96 0.00	87.38 1.88 0.00	54.92 1.18 0.00	50.91 1.77 0.00	44.89 1.52 0.00	40.76 1.42 0.00
BOC_GAS_DRP 24189	34.02 0.99 0.00	29.99 0.82 0.00	28.42 0.88 0.00	27.07 0.84 0.00	26.55 0.82 0.00	27.18 0.87 0.00	30.32 0.94 0.00	32.70 1.01 0.00	36.80 1.10 -0.10	39.23 1.11 0.00	40.92 1.11 0.00	45.47 0.98 0.00	50.50 1.09 0.00	52.16 1.02 0.00	53.44 0.84 0.00	70.13 1.17 0.00	79.19 1.17 0.00	88.28 1.39 0.00	82.94 1.31 0.00	86.70 1.20 0.00	54.33 0.59 0.00	50.22 1.08 0.00	44.37 1.00 0.00	40.21 0.87 0.00
BOONVILLE_115KV_TB1 79983	33.46 0.43 0.00	29.50 0.32 0.00	27.79 0.25 0.00	26.49 0.26 0.00	25.91 0.18 0.00	26.52 0.21 0.00	29.73 0.35 0.00	32.13 0.44 0.00	36.09 0.50 0.00	38.70 0.57 0.00	40.72 0.92 0.00	45.65 1.16 0.00	50.74 1.33 0.00	52.77 1.64 0.00	53.91 1.31 0.00	71.62 2.41 -0.25	81.13 2.89 -0.23	90.13 2.69 -0.55	84.69 2.61 -0.45	89.20 2.91 -0.79	55.68 1.93 0.00	50.62 1.47 0.00	44.63 1.26 0.00	40.44 1.10 0.00
BORALEX_4TH_BRANCH 23824	34.94 1.91 0.00	30.87 1.69 0.00	29.22 1.68 0.00	27.83 1.60 0.00	27.30 1.57 0.00	27.94 1.63 0.00	31.17 1.79 0.00	33.59 1.90 0.00	37.91 2.21 -0.11	40.34 2.21 0.00	42.04 2.23 0.00	46.99 2.49 0.00	52.23 2.81 0.00	53.85 2.71 0.00	55.12 2.52 0.00	72.27 3.31 0.00	81.37 3.35 0.00	90.89 4.00 0.00	85.39 3.76 0.00	89.09 3.59 0.00	56.00 2.26 0.00	51.70 2.55 0.00	45.58 2.21 0.00	41.38 2.04 0.00
BOWLINE___1 23526	34.52 1.49 0.00	30.46 1.28 0.00	28.86 1.32 0.00	27.49 1.26 0.00	27.04 1.31 0.00	27.60 1.29 0.00	30.73 1.35 0.00	33.33 1.65 0.00	37.17 1.81 0.24	40.03 1.91 0.00	41.60 1.79 0.00	46.50 2.00 0.00	51.73 2.32 0.00	53.44 2.30 0.00	54.59 2.00 0.00	72.13 3.17 0.00	81.45 3.43 0.00	90.71 3.82 0.00	85.06 3.43 0.00	88.41 2.91 0.00	54.92 1.18 0.00	50.67 1.53 0.00	44.67 1.30 0.00	40.44 1.10 0.00
BOWLINE___2 23595	34.58 1.55 0.00	30.52 1.34 0.00	28.89 1.35 0.00	27.51 1.28 0.00	27.07 1.34 0.00	27.63 1.32 0.00	30.79 1.41 0.00	33.36 1.68 0.00	37.17 1.81 0.24	40.03 1.91 0.00	41.64 1.83 0.00	46.50 2.00 0.00	51.73 2.32 0.00	53.44 2.30 0.00	54.59 2.00 0.00	72.13 3.17 0.00	81.45 3.43 0.00	90.81 3.91 0.00	85.06 3.43 0.00	88.49 2.99 0.00	54.92 1.18 0.00	50.71 1.57 0.00	44.72 1.35 0.00	40.48 1.14 0.00
BRADY___115KV_TB2 356060	33.06 0.03 0.00	29.09 -0.09 0.00	27.43 -0.11 0.00	26.15 -0.08 0.00	25.70 -0.03 0.00	26.00 -0.32 0.00	29.03 -0.35 0.00	31.37 -0.32 0.00	35.31 -0.28 0.00	37.82 -0.31 0.00	39.45 -0.36 0.00	44.23 -0.27 0.00	49.11 -0.30 0.00	50.68 -0.46 0.00	52.12 -0.47 0.00	68.82 -0.14 0.00	78.17 0.16 0.00	86.55 -0.35 0.00	81.47 -0.16 0.00	85.33 -0.17 0.00	53.79 0.05 0.00	49.14 0.00 0.00	43.46 0.09 0.00	39.61 0.28 0.00
BRANSCOMB___SOLAR 323811	35.01 1.98 0.00	30.87 1.69 0.00	29.22 1.68 0.00	27.78 1.55 0.00	27.25 1.52 0.00	27.86 1.55 0.00	31.11 1.73 0.00	33.59 1.90 0.00	37.90 2.21 -0.10	40.42 2.29 0.00	42.20 2.39 0.00	47.16 2.67 0.00	52.53 3.11 0.00	54.00 2.86 0.00	55.70 3.10 0.00	73.02 4.07 0.00	82.39 4.37 0.00	92.02 5.13 0.00	86.69 5.06 0.00	90.80 5.30 0.00	57.23 3.49 0.00	52.73 3.59 0.00	46.28 2.91 0.00	41.94 2.60 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	39.69 3.44 -3.23	39.07 2.86 -7.04	34.52 2.78 -4.20	28.92 2.68 -0.02	28.89 2.65 -0.51	29.77 2.79 -0.67	32.20 2.82 0.00	35.11 3.42 0.00	39.84 3.95 -0.29	42.49 4.23 -0.13	52.53 4.02 -8.71	57.30 4.32 -8.49	66.81 4.84 -12.56	58.70 4.45 -3.12	64.39 4.16 -7.63	94.69 4.62 -21.12	106.00 5.23 -22.75	123.97 5.91 -31.17	112.94 4.90 -26.41	90.42 4.36 -0.56	67.57 2.96 -10.88	64.89 4.13 -11.62	51.73 3.90 -4.45	46.65 3.46 -3.85
BRISTLHL_115KV_TB1 79998	32.47 -0.56 0.00	28.74 -0.44 0.00	27.07 -0.47 0.00	25.76 -0.47 0.00	25.16 -0.57 0.00	25.86 -0.45 0.00	28.88 -0.50 0.00	31.11 -0.57 0.00	34.88 -0.71 0.00	37.44 -0.69 0.00	39.21 -0.60 0.00	43.96 -0.53 0.00	48.82 -0.59 0.00	50.73 -0.41 0.00	52.28 -0.32 0.00	70.71 -0.48 -2.23	79.49 -0.55 -2.02	91.14 -0.61 -4.86	85.05 -0.57 -3.99	92.05 -0.51 -7.06	53.63 -0.11 0.00	48.70 -0.44 0.00	42.89 -0.48 0.00	38.91 -0.43 0.00
BROOKHAVEN___DRP 24191	39.49 3.24 -3.23	38.90 2.68 -7.04	34.41 2.67 -4.20	28.87 2.62 -0.02	28.84 2.60 -0.51	29.67 2.68 -0.67	31.99 2.61 0.00	34.95 3.26 0.00	39.66 3.77 -0.29	42.15 3.89 -0.13	52.25 3.74 -8.71	56.96 4.00 -8.46	62.07 4.45 -8.22	68.20 4.35 -12.71	89.30 4.05 -32.65	174.83 4.96 -100.91	192.37 5.62 -108.73	242.10 6.26 -148.95	213.24 5.39 -126.22	93.03 4.87 -2.66	65.31 2.85 -8.72	58.79 3.83 -5.82	51.42 3.60 -4.45	46.42 3.23 -3.85
BROOKLYN_NAVY_YARD 23515	35.04 2.02 0.00	30.93 1.75 0.00	29.22 1.68 0.00	27.78 1.55 0.00	27.32 1.60 0.00	27.92 1.61 0.00	31.14 1.76 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.84 2.71 0.00	42.32 2.51 0.00	47.30 2.80 0.00	52.62 3.21 0.00	54.36 3.22 0.00	55.33 2.73 0.00	73.37 4.42 0.00	82.94 4.92 0.00	92.46 5.57 0.00	86.53 4.90 0.00	89.77 4.27 0.00	55.41 1.67 0.00	51.25 2.11 0.00	45.28 1.91 0.00	40.99 1.65 0.00
BROOKLYN___ARMY_DRP 323595	35.51 2.48 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.10 1.86 -0.01	27.61 1.88 -0.01	28.26 1.95 0.00	31.26 1.88 0.00	34.03 2.34 0.00	38.64 2.88 -0.16	41.06 2.94 0.00	42.63 2.83 0.00	47.39 2.89 0.00	52.52 3.11 0.00	54.21 3.07 0.00	55.38 2.79 0.00	75.78 4.41 -2.41	137.00 5.23 -53.75	92.69 5.74 -0.06	86.67 4.98 -0.06	89.60 4.10 0.00	55.24 1.50 0.01	51.16 2.01 0.00	45.32 1.95 0.00	41.15 1.81 0.00

BROOKVLE_69_KV_TB1 55790	38.93 2.68 -3.23	38.55 2.33 -7.04	34.00 2.26 -4.20	28.40 2.15 -0.02	28.38 2.14 -0.51	29.19 2.21 -0.67	31.70 2.32 0.00	34.47 2.79 0.00	39.12 3.24 -0.29	41.65 3.39 -0.13	51.90 3.38 -8.71	56.64 3.69 -8.45	60.02 4.20 -6.41	56.01 4.30 -0.58	57.56 3.94 -1.01	74.27 5.31 0.00	83.87 5.85 0.00	93.41 6.52 0.00	87.18 5.55 0.00	90.54 5.04 0.00	56.37 2.63 0.00	53.03 3.19 -0.70	50.69 2.86 -4.45	45.71 2.52 -3.85
BROOME_2_LFGE 323671	33.49 0.46 0.00	29.70 0.53 0.00	27.92 0.39 0.00	26.57 0.34 0.00	25.88 0.16 0.00	26.76 0.45 0.00	29.88 0.50 0.00	32.03 0.35 0.00	35.90 0.32 0.01	38.51 0.38 0.00	40.36 0.56 0.00	45.21 0.71 0.00	50.30 0.89 0.00	52.31 1.18 0.00	54.07 1.47 0.00	71.02 1.59 -0.47	80.16 1.71 -0.43	89.83 1.91 -1.03	84.27 1.79 -0.84	89.30 2.31 -1.49	55.46 1.72 0.00	50.07 0.93 0.00	44.15 0.78 0.00	40.09 0.75 0.00
BROOME___LFGE 323600	33.49 0.46 0.00	29.70 0.53 0.00	27.92 0.39 0.00	26.57 0.34 0.00	25.88 0.16 0.00	26.76 0.45 0.00	29.88 0.50 0.00	32.03 0.35 0.00	35.90 0.32 0.01	38.51 0.38 0.00	40.36 0.56 0.00	45.21 0.71 0.00	50.30 0.89 0.00	52.31 1.18 0.00	54.07 1.47 0.00	71.02 1.59 -0.47	80.16 1.71 -0.43	89.83 1.91 -1.03	84.27 1.79 -0.84	89.30 2.31 -1.49	55.46 1.72 0.00	50.07 0.93 0.00	44.15 0.78 0.00	40.09 0.75 0.00
BROWNFLS_115KV_TB_3_5 80003	32.70 -0.33 0.00	28.77 -0.41 0.00	27.10 -0.44 0.00	25.86 -0.37 0.00	25.32 -0.41 0.00	25.60 -0.71 0.00	28.62 -0.76 0.00	30.92 -0.76 0.00	34.74 -0.85 0.00	37.21 -0.92 0.00	38.85 -0.96 0.00	43.61 -0.89 0.00	48.42 -0.99 0.00	50.06 -1.07 0.00	51.54 -1.05 0.00	68.32 -1.10 -0.46	77.50 -0.94 -0.42	86.94 -0.96 -1.00	81.80 -0.65 -0.83	86.45 -0.51 -1.46	53.63 -0.11 0.00	48.75 -0.39 0.00	43.15 -0.22 0.00	39.38 0.04 0.00
BROWNSV1_27_KV_LOAD 356125	35.51 2.48 0.00	31.25 2.07 0.00	29.52 1.98 0.00	28.12 1.89 0.00	27.61 1.88 0.00	28.26 1.95 0.00	31.47 2.09 0.00	34.22 2.53 0.00	38.71 2.95 -0.16	41.25 3.13 0.00	42.87 3.07 0.00	47.79 3.29 0.00	53.12 3.71 0.00	54.87 3.73 0.00	55.96 3.37 0.00	74.06 5.10 0.00	83.87 5.85 0.00	93.32 6.43 0.00	87.35 5.71 0.00	90.72 5.22 0.00	55.94 2.20 0.00	51.80 2.65 0.00	45.80 2.43 0.00	41.46 2.12 0.00
BURROWS___LYONSDAL 23803	33.29 0.26 0.00	29.35 0.18 0.00	27.65 0.11 0.00	26.36 0.13 0.00	25.78 0.05 0.00	26.36 0.05 0.00	29.53 0.15 0.00	31.91 0.22 0.00	35.85 0.25 0.00	38.39 0.27 0.00	40.37 0.56 0.00	45.30 0.80 0.00	50.35 0.94 0.00	52.31 1.18 0.00	53.49 0.89 0.00	71.10 1.79 -0.35	80.52 2.18 -0.32	89.75 2.09 -0.77	84.47 2.20 -0.63	89.09 2.48 -1.11	55.46 1.72 0.00	50.37 1.23 0.00	44.41 1.04 0.00	40.28 0.94 0.00
CAITHNESS_CC_1 323624	39.36 3.10 -3.23	38.84 2.63 -7.04	34.39 2.64 -4.20	28.76 2.52 -0.02	28.76 2.52 -0.51	29.56 2.58 -0.67	31.93 2.55 0.00	34.92 3.23 0.00	39.59 3.70 -0.29	42.07 3.81 -0.13	52.10 3.58 -8.71	56.87 3.92 -8.46	62.02 4.40 -8.21	68.03 4.24 -12.65	88.98 3.89 -32.49	174.59 5.24 -100.39	191.65 5.46 -108.17	241.77 6.69 -148.19	213.08 5.88 -125.57	93.10 4.96 -2.65	65.17 2.74 -8.69	58.69 3.78 -5.76	51.21 3.39 -4.45	46.22 3.03 -3.85
CALPINE BETH_PAGE_GT4 24209	39.00 2.74 -3.23	38.49 2.28 -7.04	33.97 2.23 -4.20	28.47 2.23 -0.02	28.45 2.21 -0.51	29.30 2.32 -0.67	31.73 2.35 0.00	34.41 2.72 0.00	39.05 3.17 -0.29	41.65 3.39 -0.13	51.74 3.22 -8.71	56.38 3.43 -8.45	59.96 3.80 -6.75	55.71 3.84 -0.74	57.50 3.47 -1.43	74.71 4.41 -1.34	84.37 4.92 -1.44	94.43 5.56 -1.97	87.87 4.57 -1.67	89.55 4.02 -0.04	56.55 2.20 -0.60	53.49 3.05 -1.30	50.73 2.91 -4.45	45.75 2.56 -3.85
CALPINE_BETH_PAGE_GT_4 323586	38.93 2.67 -3.23	38.49 2.28 -7.04	33.97 2.23 -4.20	28.45 2.20 -0.02	28.45 2.21 -0.51	29.25 2.26 -0.67	31.70 2.32 0.00	34.41 2.73 0.00	39.05 3.17 -0.29	41.65 3.39 -0.13	51.70 3.19 -8.71	56.42 3.47 -8.45	60.11 3.95 -6.75	55.81 3.94 -0.74	57.66 3.63 -1.43	75.19 4.90 -1.34	84.53 5.07 -1.44	95.13 6.26 -1.97	88.60 5.30 -1.67	90.06 4.53 -0.03	56.71 2.36 -0.60	53.60 3.15 -1.30	50.69 2.86 -4.45	45.71 2.52 -3.85
CALPINE_BP_GT1 23823	38.93 2.67 -3.23	38.49 2.28 -7.04	33.97 2.23 -4.20	28.45 2.20 -0.02	28.45 2.21 -0.51	29.25 2.26 -0.67	31.70 2.32 0.00	34.41 2.73 0.00	39.05 3.17 -0.29	41.65 3.39 -0.13	51.70 3.19 -8.71	56.42 3.47 -8.45	60.11 3.95 -6.75	55.81 3.94 -0.74	57.66 3.63 -1.43	75.19 4.90 -1.34	84.53 5.07 -1.44	95.13 6.26 -1.97	88.60 5.30 -1.67	90.06 4.53 -0.03	56.71 2.36 -0.60	53.60 3.15 -1.30	50.69 2.86 -4.45	45.71 2.52 -3.85
CALSPAN___DRP 24200	33.33 0.30 0.00	30.14 0.96 0.00	27.98 0.44 0.00	26.49 0.26 0.00	25.42 -0.31 0.00	26.78 0.47 0.00	30.03 0.65 0.00	31.56 -0.13 0.00	35.10 -0.50 0.00	37.71 -0.42 0.00	39.49 -0.32 0.00	44.67 0.18 0.00	49.56 0.15 0.00	51.75 0.61 0.00	54.07 1.47 0.00	69.85 0.90 0.00	78.49 0.47 0.00	87.15 0.26 0.00	81.79 0.16 0.00	86.87 1.37 0.00	55.94 2.20 0.00	49.09 -0.05 0.00	43.41 0.04 0.00	39.73 0.39 0.00
CALVERTON___SOLAR 323806	39.56 3.30 -3.23	38.99 2.77 -7.04	34.52 2.78 -4.20	28.92 2.68 -0.02	28.94 2.70 -0.51	29.72 2.74 -0.67	32.08 2.70 0.00	35.04 3.36 0.00	39.76 3.88 -0.29	42.26 4.00 -0.13	52.37 3.86 -8.71	57.22 4.27 -8.46	62.42 4.79 -8.22	68.64 4.76 -12.74	89.79 4.47 -32.72	176.09 6.00 -101.14	193.24 6.24 -108.98	243.66 7.47 -149.29	214.83 6.70 -126.51	94.06 5.89 -2.67	65.76 3.28 -8.74	59.15 4.17 -5.84	51.51 3.68 -4.45	46.49 3.30 -3.85
CANDIGU_WT_PWR 323617	33.69 0.66 0.00	30.08 0.91 0.00	28.06 0.52 0.00	26.70 0.47 0.00	25.75 0.03 0.00	27.02 0.71 0.00	30.14 0.76 0.00	31.88 0.19 0.00	35.52 -0.07 0.01	38.13 0.00 0.00	40.12 0.32 0.00	44.99 0.49 0.00	50.10 0.69 0.00	52.26 1.12 0.00	54.49 1.89 0.00	70.72 1.52 -0.25	79.80 1.56 -0.22	89.00 1.57 -0.54	83.71 1.63 -0.44	88.77 2.48 -0.79	56.16 2.42 0.00	49.83 0.69 0.00	44.11 0.74 0.00	40.17 0.83 0.00
CARR STREET_E__SYR 24060	32.60 -0.43 0.00	28.86 -0.32 0.00	27.15 -0.39 0.00	25.91 -0.31 0.00	25.32 -0.41 0.00	26.00 -0.31 0.00	29.00 -0.38 0.00	31.24 -0.44 0.00	35.10 -0.50 0.00	37.67 -0.46 0.00	39.49 -0.32 0.00	44.19 -0.31 0.00	49.16 -0.25 0.00	51.09 -0.05 0.00	52.81 0.21 0.00	69.62 0.00 -0.66	78.62 0.00 -0.60	88.34 0.00 -1.45	82.74 -0.08 -1.19	87.69 0.09 -2.10	54.01 0.27 0.00	48.95 -0.20 0.00	43.16 -0.22 0.00	39.10 -0.23 0.00
CARTHAGE___PAPER 23857	32.90 -0.13 0.00	28.97 -0.20 0.00	27.24 -0.30 0.00	26.02 -0.21 0.00	25.42 -0.31 0.00	25.92 -0.39 0.00	29.03 -0.35 0.00	31.31 -0.38 0.00	35.10 -0.50 0.00	37.52 -0.61 0.00	39.37 -0.44 0.00	44.36 -0.13 0.00	49.31 -0.10 0.00	51.04 -0.10 0.00	52.54 -0.05 0.00	69.87 0.00 -0.92	79.24 0.39 -0.83	89.76 0.87 -1.99	84.66 1.39 -1.64	90.36 1.97 -2.90	55.19 1.45 0.00	49.98 0.83 0.00	44.11 0.74 0.00	40.09 0.75 0.00

CASSADAGA_WT_PWR 323784	34.42 1.39 0.00	30.81 1.63 0.00	28.56 1.02 0.00	27.20 0.97 0.00	26.06 0.33 0.00	27.73 1.42 0.00	30.88 1.50 0.00	32.60 0.92 0.00	36.24 0.64 0.00	39.01 0.88 0.00	41.16 1.35 0.00	46.19 1.69 0.00	51.44 2.03 0.00	53.69 2.56 0.00	56.18 3.58 0.00	72.27 3.31 0.00	81.37 3.35 0.00	89.93 3.04 0.00	84.49 2.86 0.00	89.69 4.19 0.00	57.56 3.82 0.00	50.62 1.47 0.00	44.85 1.48 0.00	40.91 1.58 0.00
CE_DUNWOOD___DRP 24194	34.98 1.95 0.00	30.78 1.60 0.00	29.14 1.60 0.00	27.78 1.55 0.00	27.27 1.54 0.00	27.92 1.60 0.00	31.08 1.70 0.00	33.71 2.03 0.00	38.10 2.35 -0.15	40.57 2.44 0.00	42.24 2.43 0.00	47.08 2.58 0.00	52.33 2.92 0.00	54.05 2.91 0.00	55.17 2.58 0.00	72.89 3.93 0.00	82.39 4.37 0.00	91.67 4.78 0.00	85.96 4.33 0.00	89.35 3.85 0.00	55.35 1.61 0.00	51.21 2.06 0.00	45.24 1.86 0.00	40.99 1.65 0.00
CE_MILLWOOD___DRP 24193	34.88 1.85 0.00	30.72 1.55 0.00	29.08 1.54 0.00	27.70 1.47 0.00	27.19 1.47 0.00	27.84 1.53 0.00	31.00 1.62 0.00	33.62 1.93 0.00	37.95 2.21 -0.15	40.45 2.33 0.00	42.12 2.31 0.00	46.94 2.45 0.00	52.18 2.77 0.00	53.90 2.76 0.00	55.02 2.42 0.00	72.68 3.72 0.00	82.15 4.13 0.00	91.41 4.52 0.00	85.71 4.08 0.00	89.18 3.68 0.00	55.30 1.56 0.00	51.11 1.97 0.00	45.15 1.78 0.00	40.87 1.53 0.00
CE_NYC2_DRP 24202	35.31 2.28 0.00	31.07 1.90 0.00	29.38 1.85 0.00	27.93 1.70 0.00	27.45 1.72 0.00	28.13 1.82 0.00	31.17 1.79 0.00	33.93 2.25 0.00	38.42 2.67 -0.16	40.87 2.75 0.00	42.48 2.67 0.00	47.25 2.76 0.00	52.33 2.92 0.00	53.95 2.81 0.00	55.12 2.52 0.00	72.96 4.00 0.00	82.70 4.68 0.00	92.02 5.13 0.00	86.04 4.41 0.00	89.09 3.59 0.00	54.97 1.24 0.01	50.96 1.82 0.00	45.24 1.86 0.00	41.07 1.73 0.00
CE_NYC_DRP 24195	35.21 2.18 0.00	30.99 1.81 0.00	29.30 1.76 0.00	27.88 1.65 0.00	27.40 1.67 0.00	28.05 1.74 0.00	31.23 1.85 0.00	33.97 2.28 0.00	38.42 2.67 -0.16	40.91 2.78 0.00	42.51 2.71 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.36 3.22 0.00	55.44 2.84 0.00	73.37 4.41 0.00	83.01 4.99 0.00	92.28 5.39 0.00	86.45 4.82 0.00	89.69 4.19 0.00	55.35 1.61 0.00	51.26 2.11 0.00	45.37 2.00 0.00	41.11 1.77 0.00
CHAFFEE___LFGE 323603	33.69 0.66 0.00	30.17 0.99 0.00	27.98 0.44 0.00	26.62 0.39 0.00	25.45 -0.28 0.00	27.07 0.76 0.00	30.11 0.73 0.00	31.65 -0.03 0.00	35.17 -0.43 0.00	37.78 -0.34 0.00	39.81 0.00 0.00	44.81 0.31 0.00	49.90 0.49 0.00	52.11 0.97 0.00	54.59 2.00 0.00	70.34 1.38 0.00	79.26 1.24 0.00	87.67 0.78 0.00	82.45 0.82 0.00	87.64 2.14 0.00	56.32 2.58 0.00	49.29 0.15 0.00	43.68 0.31 0.00	39.93 0.59 0.00
CHATEAUG_35_KV_LOAD 355732	33.06 0.03 0.00	29.06 -0.12 0.00	27.43 -0.11 0.00	26.15 -0.08 0.00	25.75 0.03 0.00	26.15 -0.16 0.00	29.20 -0.18 0.00	31.59 -0.10 0.00	35.60 0.00 0.00	38.13 0.00 0.00	39.57 -0.24 0.00	44.27 -0.22 0.00	49.16 -0.25 0.00	50.47 -0.66 0.00	51.97 -0.63 0.00	68.20 -0.76 0.00	77.47 -0.55 0.00	86.20 -0.70 0.00	81.22 -0.41 0.00	84.90 -0.60 0.00	53.58 -0.16 0.00	49.14 0.00 0.00	43.50 0.13 0.00	39.42 0.08 0.00
CHATEAUG_WT_PWR 323614	33.06 0.03 0.00	29.09 -0.09 0.00	27.43 -0.11 0.00	26.15 -0.08 0.00	25.75 0.03 0.00	26.13 -0.18 0.00	29.20 -0.18 0.00	31.62 -0.06 0.00	35.63 0.04 0.00	38.20 0.08 0.00	39.65 -0.16 0.00	44.36 -0.13 0.00	48.47 -0.94 0.00	49.86 -1.28 0.00	51.12 -1.47 0.00	66.96 -2.00 0.00	76.23 -1.79 0.00	84.73 -2.17 0.00	79.76 -1.87 0.00	83.37 -2.13 0.00	52.45 -1.29 0.00	48.60 -0.54 0.00	43.50 0.13 0.00	39.42 0.08 0.00
CHAT_HIGH_FALL_HYD 323578	33.06 0.03 0.00	29.06 -0.12 0.00	27.43 -0.11 0.00	26.15 -0.08 0.00	25.75 0.03 0.00	26.13 -0.18 0.00	29.20 -0.18 0.00	31.59 -0.09 0.00	35.60 0.00 0.00	38.13 0.00 0.00	39.57 -0.24 0.00	44.27 -0.22 0.00	48.52 -0.89 0.00	49.96 -1.17 0.00	51.33 -1.26 0.00	67.30 -1.66 0.00	76.62 -1.40 0.00	85.16 -1.74 0.00	80.16 -1.47 0.00	83.87 -1.63 0.00	52.72 -1.02 0.00	48.80 -0.34 0.00	43.50 0.13 0.00	39.42 0.08 0.00
CHAUTAUQUA___LFGE 323629	34.15 1.12 0.00	30.58 1.40 0.00	28.36 0.83 0.00	27.01 0.79 0.00	25.86 0.13 0.00	27.50 1.19 0.00	30.61 1.23 0.00	32.22 0.54 0.00	35.85 0.25 0.00	38.55 0.42 0.00	40.60 0.80 0.00	45.65 1.15 0.00	50.79 1.38 0.00	53.03 1.89 0.00	55.54 2.94 0.00	71.44 2.48 0.00	80.51 2.50 0.00	89.07 2.17 0.00	83.67 2.04 0.00	88.83 3.33 0.00	57.07 3.33 0.00	50.07 0.93 0.00	44.37 1.00 0.00	40.56 1.22 0.00
CHERRYST_13_KV_LD 356241	35.31 2.28 0.00	31.07 1.90 0.00	29.38 1.85 0.00	27.99 1.76 0.00	27.48 1.75 0.00	28.15 1.84 0.00	31.35 1.97 0.00	34.09 2.41 0.00	38.60 2.85 -0.16	41.10 2.97 0.00	42.75 2.95 0.00	47.65 3.16 0.00	52.92 3.51 0.00	54.67 3.53 0.00	55.70 3.10 0.00	73.78 4.83 0.00	83.48 5.46 0.00	92.80 5.91 0.00	86.86 5.22 0.00	90.12 4.62 0.00	55.57 1.83 0.00	51.45 2.31 0.00	45.54 2.17 0.00	41.23 1.89 0.00
CHESTROR_138KV_BK263 355645	34.52 1.49 0.00	30.37 1.20 0.00	28.75 1.21 0.00	27.41 1.18 0.00	26.89 1.16 0.00	27.52 1.21 0.00	30.67 1.29 0.00	33.17 1.49 0.00	37.02 1.67 0.25	39.88 1.75 0.00	41.52 1.71 0.00	46.32 1.82 0.00	51.49 2.08 0.00	53.23 2.10 0.00	54.38 1.79 0.00	71.85 2.90 0.00	81.22 3.20 0.00	90.37 3.48 0.00	84.81 3.18 0.00	88.41 2.91 0.00	54.98 1.24 0.00	50.71 1.57 0.00	44.80 1.43 0.00	40.56 1.22 0.00
CH_MIDHUDSON___DRP 24192	34.88 1.85 0.00	30.69 1.52 0.00	29.08 1.54 0.00	27.70 1.47 0.00	27.17 1.44 0.00	27.81 1.50 0.00	30.97 1.59 0.00	33.55 1.87 0.00	37.80 2.10 -0.10	40.34 2.21 0.00	42.00 2.19 0.00	46.85 2.36 0.00	52.08 2.67 0.00	53.80 2.66 0.00	54.96 2.37 0.00	72.61 3.65 0.00	82.08 4.06 0.00	91.33 4.43 0.00	85.79 4.16 0.00	89.35 3.85 0.00	55.51 1.77 0.00	51.30 2.16 0.00	45.28 1.91 0.00	41.03 1.69 0.00
CH_MISC_IPPS 23765	34.98 1.95 0.00	30.84 1.66 0.00	29.19 1.65 0.00	27.78 1.55 0.00	27.27 1.54 0.00	27.84 1.53 0.00	31.08 1.70 0.00	33.68 2.00 0.00	37.89 2.24 -0.05	40.49 2.36 0.00	42.12 2.31 0.00	47.12 2.62 0.00	52.53 3.11 0.00	54.26 3.12 0.00	55.43 2.84 0.00	73.44 4.48 0.00	82.86 4.84 0.00	92.37 5.48 0.00	86.78 5.15 0.00	90.28 4.79 0.00	56.10 2.36 0.00	51.75 2.60 0.00	45.54 2.17 0.00	41.23 1.89 0.00
CH_RES_BVR_FALLS 23983	32.80 -0.23 0.00	28.91 -0.26 0.00	27.26 -0.28 0.00	25.97 -0.26 0.00	25.52 -0.21 0.00	26.02 -0.29 0.00	29.09 -0.29 0.00	31.40 -0.29 0.00	35.35 -0.25 0.00	37.86 -0.27 0.00	39.49 -0.32 0.00	44.19 -0.31 0.00	48.97 -0.45 0.00	50.68 -0.46 0.00	52.12 -0.47 0.00	68.34 -0.62 0.00	77.39 -0.63 0.00	86.11 -0.78 0.00	80.90 -0.74 0.00	84.73 -0.77 0.00	53.26 -0.48 0.00	48.80 -0.34 0.00	43.11 -0.26 0.00	39.10 -0.23 0.00

CH_RES_NIAGARA 23895	32.47 -0.56 0.00	29.12 -0.06 0.00	27.07 -0.47 0.00	25.76 -0.47 0.00	24.52 -1.21 0.00	26.13 -0.18 0.00	29.06 -0.32 0.00	30.32 -1.36 0.00	33.71 -1.89 0.00	36.18 -1.94 0.00	37.98 -1.83 0.00	42.63 -1.87 0.00	47.38 -2.03 0.00	49.40 -1.74 0.00	51.70 -0.89 0.00	66.41 -2.55 0.00	74.90 -3.12 0.00	82.81 -4.08 0.00	77.80 -3.84 0.00	83.02 -2.48 0.00	53.63 -0.11 0.00	46.93 -2.21 0.00	41.77 -1.60 0.00	38.36 -0.98 0.00
CH_RES_SYRACUSE 23985	32.96 -0.07 0.00	29.18 0.00 0.00	27.46 -0.08 0.00	26.15 -0.08 0.00	25.52 -0.21 0.00	26.23 -0.08 0.00	29.29 -0.09 0.00	31.56 -0.13 0.00	35.42 -0.18 0.00	38.01 -0.11 0.00	39.89 0.08 0.00	44.45 -0.04 0.00	49.36 -0.05 0.00	51.29 0.15 0.00	53.07 0.47 0.00	70.55 0.35 -1.24	79.53 0.39 -1.12	90.04 0.44 -2.71	84.27 0.41 -2.22	89.95 0.52 -3.93	54.28 0.54 0.00	49.29 0.15 0.00	43.59 0.22 0.00	39.54 0.20 0.00
CLINTON_WT_PWR 323605	33.06 0.03 0.00	29.09 -0.09 0.00	27.43 -0.11 0.00	26.15 -0.08 0.00	25.75 0.03 0.00	26.13 -0.18 0.00	29.20 -0.18 0.00	31.62 -0.06 0.00	35.63 0.04 0.00	38.20 0.08 0.00	39.65 -0.16 0.00	44.36 -0.13 0.00	48.47 -0.94 0.00	49.86 -1.28 0.00	51.12 -1.47 0.00	66.96 -2.00 0.00	76.23 -1.79 0.00	84.73 -2.17 0.00	79.76 -1.87 0.00	83.37 -2.13 0.00	52.45 -1.29 0.00	48.60 -0.54 0.00	43.50 0.13 0.00	39.42 0.08 0.00
CLINTON___LFGE 323618	33.39 0.36 0.00	29.35 0.18 0.00	27.68 0.14 0.00	26.39 0.16 0.00	25.99 0.26 0.00	26.36 0.05 0.00	29.50 0.12 0.00	31.94 0.25 0.00	35.99 0.39 0.00	38.59 0.46 0.00	39.97 0.16 0.00	44.72 0.22 0.00	48.57 -0.84 0.00	49.86 -1.28 0.00	51.18 -1.42 0.00	66.89 -2.07 0.00	76.30 -1.72 0.00	84.73 -2.17 0.00	79.83 -1.80 0.00	83.45 -2.05 0.00	52.45 -1.29 0.00	48.95 -0.20 0.00	43.98 0.61 0.00	39.85 0.51 0.00
COBBLENY_34_KV_TB1 80064	33.36 0.33 0.00	30.14 0.96 0.00	27.98 0.44 0.00	26.49 0.26 0.00	25.44 -0.28 0.00	26.81 0.50 0.00	30.06 0.68 0.00	31.65 -0.03 0.00	35.17 -0.43 0.00	37.78 -0.34 0.00	39.65 -0.16 0.00	44.85 0.36 0.00	49.76 0.35 0.00	52.06 0.92 0.00	54.33 1.74 0.00	70.27 1.31 0.00	79.03 1.01 0.00	87.76 0.87 0.00	82.37 0.73 0.00	87.38 1.88 0.00	56.21 2.47 0.00	49.29 0.15 0.00	43.59 0.22 0.00	39.81 0.47 0.00
COFFEEN___115KV_TB3 355620	33.13 0.10 0.00	29.18 0.00 0.00	27.43 -0.11 0.00	26.20 -0.03 0.00	25.55 -0.18 0.00	26.10 -0.21 0.00	29.32 -0.06 0.00	31.59 -0.10 0.00	35.35 -0.25 0.00	37.82 -0.31 0.00	39.93 0.12 0.00	45.12 0.62 0.00	50.15 0.74 0.00	51.96 0.82 0.00	53.33 0.74 0.00	71.29 1.24 -1.09	80.96 1.95 -0.99	91.71 2.43 -2.38	86.61 3.02 -1.96	92.81 3.85 -3.46	56.54 2.79 0.00	50.91 1.77 0.00	44.80 1.43 0.00	40.68 1.34 0.00
COLDSPRG_115KV_BK1 355956	34.12 1.09 0.00	30.78 1.60 0.00	28.56 1.02 0.00	27.07 0.84 0.00	26.06 0.33 0.00	27.44 1.13 0.00	30.73 1.35 0.00	32.51 0.82 0.00	35.99 0.39 0.00	38.70 0.57 0.00	40.60 0.80 0.00	45.79 1.29 0.00	50.79 1.38 0.00	53.13 1.99 0.00	55.44 2.84 0.00	71.58 2.62 0.00	80.52 2.50 0.00	89.41 2.52 0.00	83.84 2.20 0.00	88.75 3.25 0.00	56.97 3.22 0.00	50.22 1.08 0.00	44.41 1.04 0.00	40.48 1.14 0.00
COLONIE_LFGE___ 323577	34.61 1.59 0.00	30.55 1.37 0.00	28.91 1.38 0.00	27.51 1.28 0.00	26.99 1.26 0.00	27.60 1.29 0.00	30.82 1.44 0.00	33.24 1.55 0.00	37.51 1.81 -0.10	39.92 1.79 0.00	41.68 1.87 0.00	46.54 2.05 0.00	51.78 2.37 0.00	53.33 2.20 0.00	54.81 2.21 0.00	71.92 2.96 0.00	81.06 3.04 0.00	90.46 3.56 0.00	84.98 3.35 0.00	88.83 3.33 0.00	55.83 2.09 0.00	51.45 2.31 0.00	45.32 1.95 0.00	41.11 1.77 0.00
COOPERNY_115KV_TB1 80082	34.09 1.06 0.00	30.05 0.88 0.00	28.42 0.88 0.00	27.09 0.87 0.00	26.58 0.85 0.00	27.18 0.87 0.00	30.32 0.94 0.00	32.76 1.08 0.00	36.66 1.21 0.15	39.42 1.30 0.00	41.08 1.27 0.00	45.87 1.38 0.00	50.94 1.53 0.00	52.72 1.59 0.00	53.91 1.31 0.00	71.09 2.14 0.00	80.36 2.34 0.00	89.41 2.52 0.00	84.00 2.37 0.00	87.72 2.22 0.00	54.71 0.97 0.00	50.32 1.18 0.00	44.41 1.04 0.00	40.24 0.90 0.00
COPENHAGEN_WT_PWR 323753	32.93 -0.10 0.00	29.00 -0.17 0.00	27.26 -0.28 0.00	26.05 -0.18 0.00	25.42 -0.31 0.00	26.00 -0.31 0.00	29.14 -0.24 0.00	31.40 -0.29 0.00	35.17 -0.43 0.00	37.63 -0.50 0.00	39.61 -0.20 0.00	44.63 0.13 0.00	49.66 0.25 0.00	51.45 0.31 0.00	52.97 0.37 0.00	70.59 0.49 -1.14	79.99 0.94 -1.03	90.77 1.39 -2.49	85.55 1.88 -2.04	91.68 2.56 -3.61	55.62 1.88 0.00	50.22 1.08 0.00	44.24 0.87 0.00	40.17 0.83 0.00
CORNELL_____ 23752	33.72 0.69 0.00	29.94 0.76 0.00	28.12 0.58 0.00	26.75 0.52 0.00	26.11 0.39 0.00	26.89 0.58 0.00	30.08 0.71 0.00	32.35 0.67 0.00	36.23 0.64 0.01	38.81 0.69 0.00	40.72 0.92 0.00	45.65 1.16 0.00	50.74 1.33 0.00	52.88 1.74 0.00	54.49 1.89 0.00	72.11 2.48 -0.67	81.67 3.04 -0.61	91.75 3.39 -1.46	86.34 3.51 -1.20	91.56 3.93 -2.13	56.54 2.79 0.00	51.06 1.92 0.00	44.89 1.52 0.00	40.68 1.34 0.00
CORONA_AV_69_KV_TB1 355595	39.13 2.87 -3.23	38.61 2.39 -7.04	34.05 2.31 -4.20	28.45 2.20 -0.02	28.40 2.16 -0.51	29.22 2.24 -0.67	31.67 2.29 0.00	34.41 2.72 0.00	39.02 3.13 -0.29	41.57 3.32 -0.13	51.74 3.22 -8.71	56.42 3.47 -8.45	59.73 3.90 -6.41	55.65 3.94 -0.58	57.24 3.63 -1.01	73.58 4.62 0.00	83.09 5.07 0.00	92.63 5.74 0.00	86.53 4.90 0.00	89.95 4.45 0.00	56.21 2.47 0.00	52.94 3.10 -0.70	50.77 2.95 -4.45	45.86 2.68 -3.85
CORTLAND_115KV_TB3 80093	33.39 0.36 0.00	29.62 0.44 0.00	27.84 0.30 0.00	26.52 0.29 0.00	25.88 0.15 0.00	26.63 0.32 0.00	29.79 0.41 0.00	32.07 0.38 0.00	35.99 0.39 0.00	38.59 0.46 0.00	40.44 0.64 0.00	45.34 0.85 0.00	50.40 0.99 0.00	52.42 1.28 0.00	54.02 1.42 0.00	71.45 1.79 -0.70	80.75 2.11 -0.63	90.76 2.35 -1.52	85.16 2.29 -1.25	90.35 2.65 -2.20	55.62 1.88 0.00	50.37 1.23 0.00	44.37 1.00 0.00	40.21 0.87 0.00
COXSACKIE___GT 23611	35.41 2.38 0.00	31.16 1.99 0.00	29.49 1.96 0.00	27.99 1.76 0.00	27.45 1.72 0.00	28.10 1.79 0.00	31.55 2.17 0.00	34.06 2.38 0.00	38.03 2.35 -0.09	40.45 2.33 0.00	42.04 2.23 0.00	46.72 2.22 0.00	52.18 2.77 0.00	53.95 2.81 0.00	55.49 2.89 0.00	73.16 4.21 0.00	82.54 4.52 0.00	92.20 5.30 0.00	87.34 5.71 0.00	91.32 5.82 0.00	57.61 3.87 0.00	53.37 4.23 0.00	46.58 3.21 0.00	42.25 2.91 0.00
CPV_VALLEY___CC1 323721	34.15 1.12 0.00	30.14 0.96 0.00	28.53 0.99 0.00	27.17 0.94 0.00	26.68 0.95 0.00	27.26 0.95 0.00	30.41 1.03 0.00	32.92 1.23 0.00	36.74 1.39 0.24	39.58 1.45 0.00	41.20 1.39 0.00	46.05 1.56 0.00	51.19 1.78 0.00	52.93 1.79 0.00	54.12 1.53 0.00	71.44 2.48 0.00	80.67 2.65 0.00	89.85 2.96 0.00	84.32 2.69 0.00	87.81 2.31 0.00	54.71 0.97 0.00	50.37 1.23 0.00	44.41 1.04 0.00	40.25 0.91 0.00

CPV_VALLEY___CC2 323722	34.15 1.12 0.00	30.14 0.96 0.00	28.53 0.99 0.00	27.17 0.94 0.00	26.68 0.95 0.00	27.26 0.95 0.00	30.41 1.03 0.00	32.92 1.23 0.00	36.74 1.39 0.24	39.58 1.45 0.00	41.20 1.39 0.00	46.05 1.56 0.00	51.19 1.78 0.00	52.93 1.79 0.00	54.12 1.53 0.00	71.44 2.48 0.00	80.67 2.65 0.00	89.85 2.96 0.00	84.32 2.69 0.00	87.81 2.31 0.00	54.71 0.97 0.00	50.37 1.23 0.00	44.41 1.04 0.00	40.25 0.91 0.00
CRESCENT___HYD 24018	34.61 1.59 0.00	30.55 1.37 0.00	28.91 1.38 0.00	27.51 1.28 0.00	26.99 1.26 0.00	27.60 1.29 0.00	30.82 1.44 0.00	33.24 1.55 0.00	37.51 1.81 -0.10	39.92 1.79 0.00	41.68 1.87 0.00	46.54 2.05 0.00	51.78 2.37 0.00	53.33 2.20 0.00	54.81 2.21 0.00	71.92 2.96 0.00	81.06 3.04 0.00	90.46 3.56 0.00	84.98 3.35 0.00	88.83 3.33 0.00	55.83 2.09 0.00	51.45 2.31 0.00	45.32 1.95 0.00	41.11 1.77 0.00
CRICKET___VALLEY_CC1 323756	34.48 1.45 0.00	30.46 1.28 0.00	28.86 1.32 0.00	27.51 1.28 0.00	27.04 1.31 0.00	27.60 1.29 0.00	30.73 1.35 0.00	33.24 1.55 0.00	37.58 1.81 -0.17	39.96 1.83 0.00	41.56 1.75 0.00	46.36 1.87 0.00	51.58 2.17 0.00	53.23 2.10 0.00	54.39 1.79 0.00	71.64 2.69 0.00	80.82 2.80 0.00	90.11 3.22 0.00	84.49 2.86 0.00	87.98 2.48 0.00	54.87 1.13 0.00	50.76 1.62 0.00	44.76 1.39 0.00	40.60 1.26 0.00
CRICKET___VALLEY_CC2 323757	34.48 1.45 0.00	30.46 1.28 0.00	28.86 1.32 0.00	27.51 1.28 0.00	27.04 1.31 0.00	27.60 1.29 0.00	30.73 1.35 0.00	33.24 1.55 0.00	37.58 1.81 -0.17	39.96 1.83 0.00	41.56 1.75 0.00	46.36 1.87 0.00	51.58 2.17 0.00	53.23 2.10 0.00	54.39 1.79 0.00	71.64 2.69 0.00	80.82 2.80 0.00	90.11 3.22 0.00	84.49 2.86 0.00	87.98 2.48 0.00	54.87 1.13 0.00	50.76 1.62 0.00	44.76 1.39 0.00	40.60 1.26 0.00
CRICKET___VALLEY_CC3 323758	34.48 1.45 0.00	30.46 1.28 0.00	28.86 1.32 0.00	27.51 1.28 0.00	27.04 1.31 0.00	27.60 1.29 0.00	30.73 1.35 0.00	33.24 1.55 0.00	37.58 1.81 -0.17	39.96 1.83 0.00	41.56 1.75 0.00	46.36 1.87 0.00	51.58 2.17 0.00	53.23 2.10 0.00	54.39 1.79 0.00	71.64 2.69 0.00	80.82 2.80 0.00	90.11 3.22 0.00	84.49 2.86 0.00	87.98 2.48 0.00	54.87 1.13 0.00	50.76 1.62 0.00	44.76 1.39 0.00	40.60 1.26 0.00
CRUCIBLE_METL_DRP 24180	32.93 -0.10 0.00	29.18 0.00 0.00	27.46 -0.08 0.00	26.12 -0.10 0.00	25.52 -0.21 0.00	26.21 -0.11 0.00	29.29 -0.09 0.00	31.56 -0.13 0.00	35.42 -0.18 0.00	38.01 -0.11 0.00	39.85 0.04 0.00	44.45 -0.04 0.00	49.31 -0.10 0.00	51.29 0.15 0.00	52.96 0.37 0.00	70.48 0.28 -1.24	79.53 0.39 -1.12	89.95 0.35 -2.71	84.18 0.33 -2.22	89.86 0.43 -3.93	54.22 0.48 0.00	49.29 0.15 0.00	43.59 0.22 0.00	39.50 0.16 0.00
DAHOWA___HYDRO 323763	35.11 2.08 0.00	30.93 1.75 0.00	29.27 1.74 0.00	27.83 1.60 0.00	27.30 1.57 0.00	27.92 1.61 0.00	31.17 1.79 0.00	33.68 2.00 0.00	38.04 2.35 -0.10	40.57 2.44 0.00	42.36 2.55 0.00	47.39 2.89 0.00	52.77 3.36 0.00	54.21 3.07 0.00	55.97 3.37 0.00	73.30 4.35 0.00	82.78 4.76 0.00	92.54 5.64 0.00	87.26 5.63 0.00	91.32 5.82 0.00	57.61 3.87 0.00	53.08 3.93 0.00	46.50 3.12 0.00	42.13 2.79 0.00
DANC___LFGE 323619	32.73 -0.30 0.00	28.89 -0.29 0.00	27.18 -0.36 0.00	25.91 -0.31 0.00	25.29 -0.44 0.00	25.94 -0.37 0.00	29.03 -0.35 0.00	31.27 -0.41 0.00	35.03 -0.57 0.00	37.52 -0.61 0.00	39.41 -0.40 0.00	44.32 -0.18 0.00	49.26 -0.15 0.00	51.09 -0.05 0.00	52.65 0.05 0.00	70.36 0.00 -1.40	79.44 0.16 -1.27	90.39 0.44 -3.06	84.96 0.82 -2.51	91.14 1.20 -4.44	54.76 1.02 0.00	49.58 0.44 0.00	43.72 0.35 0.00	39.65 0.31 0.00
DANSKAMMER___1 23586	34.98 1.95 0.00	30.84 1.66 0.00	29.19 1.65 0.00	27.78 1.55 0.00	27.27 1.54 0.00	27.84 1.53 0.00	31.08 1.70 0.00	33.68 2.00 0.00	37.89 2.24 -0.05	40.49 2.36 0.00	42.12 2.31 0.00	47.12 2.62 0.00	52.53 3.11 0.00	54.26 3.12 0.00	55.43 2.84 0.00	73.44 4.48 0.00	82.86 4.84 0.00	92.37 5.48 0.00	86.78 5.15 0.00	90.28 4.79 0.00	56.10 2.36 0.00	51.75 2.60 0.00	45.54 2.17 0.00	41.23 1.89 0.00
DANSKAMMER___2 23589	34.98 1.95 0.00	30.84 1.66 0.00	29.19 1.65 0.00	27.78 1.55 0.00	27.27 1.54 0.00	27.84 1.53 0.00	31.08 1.70 0.00	33.68 2.00 0.00	37.89 2.24 -0.05	40.49 2.36 0.00	42.12 2.31 0.00	47.12 2.62 0.00	52.53 3.11 0.00	54.26 3.12 0.00	55.43 2.84 0.00	73.44 4.48 0.00	82.86 4.84 0.00	92.37 5.48 0.00	86.78 5.15 0.00	90.28 4.79 0.00	56.10 2.36 0.00	51.75 2.60 0.00	45.54 2.17 0.00	41.23 1.89 0.00
DANSKAMMER___3 23590	34.98 1.95 0.00	30.84 1.66 0.00	29.19 1.65 0.00	27.78 1.55 0.00	27.27 1.54 0.00	27.84 1.53 0.00	31.08 1.70 0.00	33.68 2.00 0.00	37.89 2.24 -0.05	40.49 2.36 0.00	42.12 2.31 0.00	47.12 2.62 0.00	52.53 3.11 0.00	54.26 3.12 0.00	55.43 2.84 0.00	73.44 4.48 0.00	82.86 4.84 0.00	92.37 5.48 0.00	86.78 5.15 0.00	90.28 4.79 0.00	56.10 2.36 0.00	51.75 2.60 0.00	45.54 2.17 0.00	41.23 1.89 0.00
DANSKAMMER___4 23591	34.98 1.95 0.00	30.84 1.66 0.00	29.19 1.65 0.00	27.78 1.55 0.00	27.27 1.54 0.00	27.84 1.53 0.00	31.08 1.70 0.00	33.68 2.00 0.00	37.89 2.24 -0.05	40.49 2.36 0.00	42.12 2.31 0.00	47.12 2.62 0.00	52.53 3.11 0.00	54.26 3.12 0.00	55.43 2.84 0.00	73.44 4.48 0.00	82.86 4.84 0.00	92.37 5.48 0.00	86.78 5.15 0.00	90.28 4.79 0.00	56.10 2.36 0.00	51.75 2.60 0.00	45.54 2.17 0.00	41.23 1.89 0.00
DANSKAMMER___DIESEL 23592	35.04 2.01 0.00	30.84 1.66 0.00	29.19 1.65 0.00	27.80 1.57 0.00	27.27 1.54 0.00	27.89 1.58 0.00	31.08 1.70 0.00	33.68 2.00 0.00	37.88 2.24 -0.05	40.49 2.36 0.00	42.16 2.35 0.00	47.08 2.58 0.00	52.38 2.96 0.00	54.15 3.02 0.00	55.33 2.74 0.00	73.23 4.28 0.00	82.86 4.84 0.00	92.11 5.21 0.00	86.53 4.90 0.00	90.12 4.62 0.00	55.94 2.20 0.00	51.70 2.56 0.00	45.58 2.21 0.00	41.27 1.93 0.00
DARBY___SOLAR 323810	35.04 2.02 0.00	30.90 1.72 0.00	29.25 1.71 0.00	27.80 1.57 0.00	27.27 1.54 0.00	27.89 1.58 0.00	31.14 1.76 0.00	33.65 1.97 0.00	38.01 2.31 -0.10	40.53 2.40 0.00	42.32 2.51 0.00	47.30 2.80 0.00	52.67 3.26 0.00	54.15 3.02 0.00	55.86 3.26 0.00	73.23 4.28 0.00	82.54 4.52 0.00	92.28 5.39 0.00	86.93 5.30 0.00	90.89 5.39 0.00	57.29 3.55 0.00	52.83 3.69 0.00	46.32 2.95 0.00	41.98 2.64 0.00
DASHVILLE___HYD 23610	34.45 1.42 0.00	30.29 1.11 0.00	28.69 1.16 0.00	27.36 1.13 0.00	26.86 1.13 0.00	27.44 1.13 0.00	30.58 1.20 0.00	33.11 1.43 0.00	37.22 1.57 -0.06	39.81 1.68 0.00	41.40 1.59 0.00	46.23 1.74 0.00	51.39 1.98 0.00	53.13 1.99 0.00	54.07 1.47 0.00	71.72 2.76 0.00	81.14 3.12 0.00	90.20 3.30 0.00	84.65 3.02 0.00	88.24 2.74 0.00	54.71 0.97 0.00	50.57 1.43 0.00	44.67 1.30 0.00	40.44 1.10 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	40.62 4.36 -3.23	39.89 3.68 -7.04	35.32 3.58 -4.20	29.71 3.46 -0.02	29.64 3.40 -0.51	30.51 3.53 -0.67	32.90 3.53 0.00	35.99 4.31 0.00	40.94 5.05 -0.29	43.63 5.38 -0.13	53.97 5.45 -8.71	59.09 6.14 -8.46	64.55 6.92 -8.22	70.92 7.01 -12.78	92.20 6.78 -32.81	179.00 8.62 -101.43	197.06 9.75 -109.29	246.69 10.08 -149.71	217.88 9.39 -126.87	97.24 9.06 -2.67	67.93 5.43 -8.76	60.96 5.95 -5.87	53.07 5.25 -4.45	47.87 4.68 -3.85
DELAWARE___LFGE 323621	34.12 1.09 0.00	30.14 0.96 0.00	28.47 0.94 0.00	27.12 0.89 0.00	26.55 0.82 0.00	27.23 0.92 0.00	30.47 1.09 0.00	32.86 1.17 0.00	36.90 1.32 0.01	39.54 1.41 0.00	41.32 1.51 0.00	46.23 1.74 0.00	51.34 1.93 0.00	53.23 2.10 0.00	54.54 1.95 0.00	71.88 2.69 -0.23	81.27 3.04 -0.21	90.70 3.30 -0.50	85.14 3.10 -0.41	89.73 3.51 -0.73	55.84 2.10 0.00	50.96 1.82 0.00	44.98 1.60 0.00	40.76 1.42 0.00
DERFIELD_115KV_TB7 355931	33.06 0.03 0.00	29.21 0.03 0.00	27.57 0.03 0.00	26.25 0.03 0.00	25.75 0.03 0.00	26.36 0.05 0.00	29.44 0.06 0.00	31.75 0.06 0.00	35.63 0.04 0.00	38.17 0.04 0.00	39.89 0.08 0.00	44.58 0.09 0.00	49.51 0.10 0.00	51.29 0.15 0.00	52.65 0.05 0.00	69.10 0.14 0.00	78.17 0.16 0.00	87.07 0.17 0.00	81.71 0.08 0.00	85.67 0.17 0.00	53.85 0.11 0.00	49.24 0.10 0.00	43.46 0.09 0.00	39.38 0.04 0.00
DOGLEVILLE___HYD 23807	32.90 -0.13 0.00	29.09 -0.09 0.00	27.46 -0.08 0.00	26.15 -0.08 0.00	25.63 -0.10 0.00	26.26 -0.05 0.00	29.35 -0.03 0.00	31.68 0.00 0.00	35.60 0.00 0.00	38.13 0.00 0.00	40.12 0.32 0.00	44.89 0.40 0.00	49.90 0.49 0.00	51.60 0.46 0.00	53.07 0.47 0.00	69.58 0.62 0.00	78.02 0.00 0.00	86.89 0.00 0.00	81.63 0.00 0.00	85.67 0.17 0.00	53.85 0.11 0.00	49.34 0.20 0.00	43.59 0.22 0.00	39.54 0.20 0.00
DUNKIRK___115KV_TB_200 55889	33.79 0.76 0.00	30.52 1.34 0.00	28.31 0.77 0.00	26.83 0.60 0.00	25.81 0.08 0.00	27.15 0.84 0.00	30.50 1.12 0.00	32.13 0.44 0.00	35.77 0.18 0.00	38.43 0.31 0.00	40.29 0.48 0.00	45.52 1.02 0.00	50.50 1.09 0.00	52.77 1.64 0.00	55.12 2.52 0.00	71.16 2.21 0.00	79.97 1.95 0.00	88.81 1.91 0.00	83.35 1.71 0.00	88.32 2.82 0.00	56.80 3.06 0.00	49.98 0.84 0.00	44.19 0.82 0.00	40.36 1.02 0.00
DUNKIRK___1 23563	33.79 0.76 0.00	30.52 1.34 0.00	28.31 0.77 0.00	26.83 0.60 0.00	25.81 0.08 0.00	27.15 0.84 0.00	30.50 1.12 0.00	32.13 0.44 0.00	35.77 0.18 0.00	38.43 0.31 0.00	40.29 0.48 0.00	45.52 1.02 0.00	50.50 1.09 0.00	52.77 1.64 0.00	55.12 2.52 0.00	71.16 2.21 0.00	79.97 1.95 0.00	88.81 1.91 0.00	83.35 1.71 0.00	88.32 2.82 0.00	56.80 3.06 0.00	49.98 0.84 0.00	44.19 0.82 0.00	40.36 1.02 0.00
DUNKIRK___2 23564	33.79 0.76 0.00	30.52 1.34 0.00	28.31 0.77 0.00	26.83 0.60 0.00	25.81 0.08 0.00	27.15 0.84 0.00	30.50 1.12 0.00	32.13 0.44 0.00	35.77 0.18 0.00	38.43 0.31 0.00	40.29 0.48 0.00	45.52 1.02 0.00	50.50 1.09 0.00	52.77 1.64 0.00	55.12 2.52 0.00	71.16 2.21 0.00	79.97 1.95 0.00	88.81 1.91 0.00	83.35 1.71 0.00	88.32 2.82 0.00	56.80 3.06 0.00	49.98 0.84 0.00	44.19 0.82 0.00	40.36 1.02 0.00
DUNKIRK___3 23565	33.56 0.53 0.00	30.29 1.11 0.00	28.14 0.61 0.00	26.65 0.42 0.00	25.63 -0.10 0.00	26.97 0.66 0.00	30.26 0.88 0.00	31.87 0.19 0.00	35.45 -0.14 0.00	38.09 -0.04 0.00	39.93 0.12 0.00	45.12 0.62 0.00	50.00 0.59 0.00	52.26 1.13 0.00	54.60 2.00 0.00	70.47 1.52 0.00	79.27 1.25 0.00	88.02 1.13 0.00	82.61 0.98 0.00	87.55 2.05 0.00	56.32 2.58 0.00	49.54 0.39 0.00	43.80 0.43 0.00	40.01 0.67 0.00
DUNKIRK___4 23566	33.56 0.53 0.00	30.29 1.11 0.00	28.14 0.61 0.00	26.65 0.42 0.00	25.63 -0.10 0.00	26.97 0.66 0.00	30.26 0.88 0.00	31.87 0.19 0.00	35.45 -0.14 0.00	38.09 -0.04 0.00	39.93 0.12 0.00	45.12 0.62 0.00	50.00 0.59 0.00	52.26 1.13 0.00	54.60 2.00 0.00	70.47 1.52 0.00	79.27 1.25 0.00	88.02 1.13 0.00	82.61 0.98 0.00	87.55 2.05 0.00	56.32 2.58 0.00	49.54 0.39 0.00	43.80 0.43 0.00	40.01 0.67 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.08 2.05 0.00	30.87 1.69 0.00	29.22 1.68 0.00	27.83 1.60 0.00	27.32 1.60 0.00	27.97 1.66 0.00	31.17 1.79 0.00	33.84 2.15 0.00	38.21 2.46 -0.16	40.72 2.59 0.00	42.36 2.55 0.00	47.25 2.76 0.00	52.47 3.06 0.00	54.26 3.12 0.00	55.33 2.74 0.00	73.09 4.14 0.00	82.70 4.68 0.00	92.02 5.13 0.00	86.20 4.57 0.00	89.60 4.10 0.00	55.46 1.72 0.00	51.35 2.21 0.00	45.37 2.00 0.00	41.07 1.73 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.71 1.68 0.00	30.55 1.37 0.00	28.92 1.38 0.00	27.54 1.31 0.00	27.04 1.31 0.00	27.65 1.34 0.00	30.82 1.44 0.00	33.36 1.68 0.00	37.40 1.89 0.09	40.11 1.98 0.00	41.76 1.95 0.00	46.59 2.09 0.00	51.83 2.42 0.00	53.59 2.45 0.00	54.70 2.10 0.00	72.34 3.38 0.00	81.84 3.82 0.00	90.98 4.08 0.00	85.47 3.84 0.00	89.01 3.51 0.00	55.30 1.56 0.00	51.06 1.92 0.00	45.06 1.69 0.00	40.83 1.49 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.45 2.41 -0.01	31.20 2.01 -0.01	29.47 1.93 -0.01	27.99 1.76 0.00	27.56 1.83 -0.01	28.24 1.92 -0.01	31.05 1.67 0.00	33.78 2.09 0.00	38.39 2.63 -0.16	40.68 2.55 0.00	42.40 2.59 0.00	47.21 2.71 0.00	52.38 2.96 0.00	53.75 2.61 -0.01	55.23 2.63 -0.01	72.96 4.00 0.00	82.78 4.76 0.00	92.11 5.21 0.00	86.20 4.57 0.00	89.01 3.51 0.00	55.08 1.34 0.01	51.07 1.92 -0.01	45.33 1.95 -0.01	41.16 1.81 -0.01
E179THST_13_KV_LOAD 356214	35.65 2.61 -0.01	31.37 2.19 -0.01	29.64 2.09 -0.01	28.14 1.91 0.00	27.69 1.96 -0.01	28.37 2.05 -0.01	31.23 1.85 0.00	33.97 2.28 0.00	38.60 2.85 -0.16	40.95 2.82 0.00	42.67 2.87 0.00	47.52 3.03 0.00	52.72 3.31 0.00	54.11 2.97 -0.01	55.60 3.00 -0.01	73.51 4.55 0.00	83.40 5.38 0.00	92.80 5.91 0.00	86.86 5.22 0.00	89.69 4.19 0.00	55.45 1.72 0.01	51.41 2.26 -0.01	45.63 2.26 -0.01	41.43 2.08 -0.01
EAST HAMPTON___GT 23717	41.18 4.92 -3.23	40.47 4.26 -7.04	35.87 4.13 -4.20	30.15 3.91 -0.02	30.10 3.86 -0.51	30.96 3.97 -0.67	33.43 4.06 0.00	36.63 4.94 0.00	41.72 5.84 -0.29	44.47 6.22 -0.13	54.88 6.37 -8.71	60.29 7.34 -8.46	65.93 8.30 -8.22	72.41 8.49 -12.78	93.83 8.41 -32.82	181.51 11.10 -101.44	199.18 11.85 -109.30	248.97 12.33 -149.74	220.92 12.40 -126.89	99.98 11.80 -2.67	69.38 6.88 -8.76	62.10 7.08 -5.87	53.85 6.03 -4.45	48.58 5.39 -3.85
EAST RIVER___6 23660	35.11 2.08 0.00	30.96 1.78 0.00	29.27 1.74 0.00	27.83 1.60 0.00	27.40 1.67 0.00	27.97 1.66 0.00	31.17 1.79 0.00	34.00 2.31 0.00	38.49 2.74 -0.16	41.02 2.90 0.00	42.48 2.67 0.00	47.48 2.98 0.00	52.87 3.46 0.00	54.62 3.48 0.00	55.65 3.05 0.00	73.85 4.90 0.00	83.48 5.46 0.00	93.06 6.17 0.00	87.02 5.39 0.00	90.28 4.79 0.00	55.67 1.93 0.00	51.45 2.31 0.00	45.32 1.95 0.00	41.03 1.69 0.00

EAST RIVER___7 23524	35.11 2.08 0.00	30.96 1.78 0.00	29.27 1.74 0.00	27.83 1.60 0.00	27.40 1.67 0.00	27.97 1.66 0.00	31.17 1.79 0.00	34.00 2.31 0.00	38.49 2.74 -0.16	41.02 2.90 0.00	42.48 2.67 0.00	47.48 2.98 0.00	52.87 3.46 0.00	54.62 3.48 0.00	55.65 3.05 0.00	73.85 4.90 0.00	83.48 5.46 0.00	93.06 6.17 0.00	87.02 5.39 0.00	90.28 4.79 0.00	55.67 1.93 0.00	51.45 2.31 0.00	45.32 1.95 0.00	41.03 1.69 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.98 1.95 0.00	30.78 1.60 0.00	29.14 1.60 0.00	27.78 1.55 0.00	27.27 1.54 0.00	27.92 1.60 0.00	31.08 1.70 0.00	33.71 2.03 0.00	38.10 2.35 -0.15	40.57 2.44 0.00	42.24 2.43 0.00	47.08 2.58 0.00	52.33 2.92 0.00	54.05 2.91 0.00	55.17 2.58 0.00	72.89 3.93 0.00	82.39 4.37 0.00	91.67 4.78 0.00	85.96 4.33 0.00	89.35 3.85 0.00	55.35 1.61 0.00	51.21 2.06 0.00	45.24 1.86 0.00	40.99 1.65 0.00
EAST_HAMPTON___DIESEL 23722	41.21 4.95 -3.23	40.47 4.26 -7.04	35.87 4.13 -4.20	30.15 3.91 -0.02	30.13 3.89 -0.51	30.96 3.97 -0.67	33.43 4.06 0.00	36.63 4.94 0.00	41.72 5.84 -0.29	44.51 6.25 -0.13	54.92 6.41 -8.71	60.34 7.39 -8.46	65.98 8.35 -8.22	72.46 8.54 -12.78	93.89 8.47 -32.82	181.57 11.17 -101.44	199.18 11.85 -109.30	249.06 12.42 -149.74	220.92 12.40 -126.89	100.05 11.88 -2.67	69.38 6.88 -8.76	62.14 7.12 -5.87	53.90 6.07 -4.45	48.62 5.43 -3.85
EAST_PULASKI___ESR 323781	32.53 -0.50 0.00	28.80 -0.38 0.00	27.10 -0.44 0.00	25.81 -0.42 0.00	25.21 -0.51 0.00	25.86 -0.45 0.00	28.94 -0.44 0.00	31.18 -0.51 0.00	34.85 -0.75 0.00	37.37 -0.76 0.00	39.17 -0.64 0.00	43.96 -0.53 0.00	48.87 -0.54 0.00	50.68 -0.46 0.00	52.23 -0.37 0.00	70.31 -0.62 -1.98	79.18 -0.62 -1.78	90.67 -0.52 -4.30	84.84 -0.33 -3.54	91.58 -0.17 -6.25	53.85 0.11 0.00	48.90 -0.25 0.00	43.11 -0.26 0.00	39.06 -0.28 0.00
EAST_RIVER___1 323558	35.11 2.08 0.00	30.99 1.81 0.00	29.30 1.76 0.00	27.86 1.63 0.00	27.40 1.67 0.00	28.00 1.69 0.00	31.20 1.82 0.00	33.97 2.28 0.00	38.42 2.67 -0.16	40.91 2.78 0.00	42.48 2.67 0.00	47.43 2.94 0.00	52.77 3.36 0.00	54.51 3.37 0.00	55.54 2.94 0.00	73.58 4.62 0.00	83.09 5.07 0.00	92.63 5.73 0.00	86.69 5.06 0.00	89.94 4.44 0.00	55.57 1.83 0.00	51.36 2.21 0.00	45.32 1.95 0.00	41.07 1.73 0.00
EAST_RIVER___2 323559	35.11 2.08 0.00	30.96 1.78 0.00	29.27 1.74 0.00	27.83 1.60 0.00	27.40 1.67 0.00	27.97 1.66 0.00	31.17 1.79 0.00	34.00 2.31 0.00	38.49 2.74 -0.16	41.02 2.90 0.00	42.48 2.67 0.00	47.48 2.98 0.00	52.87 3.46 0.00	54.62 3.48 0.00	55.65 3.05 0.00	73.85 4.90 0.00	83.48 5.46 0.00	93.06 6.17 0.00	87.02 5.39 0.00	90.28 4.79 0.00	55.67 1.93 0.00	51.45 2.31 0.00	45.32 1.95 0.00	41.03 1.69 0.00
EAST___DELAWARE_HYD 23607	34.02 0.99 0.00	29.97 0.79 0.00	28.34 0.80 0.00	26.96 0.73 0.00	26.50 0.77 0.00	27.05 0.74 0.00	30.20 0.82 0.00	32.73 1.04 0.00	36.65 1.10 0.05	39.31 1.18 0.00	40.56 0.75 0.00	45.43 0.94 0.00	50.59 1.18 0.00	50.93 -0.20 0.00	51.97 -0.63 0.00	69.10 0.14 0.00	79.03 1.01 0.00	88.20 1.31 0.00	82.86 1.23 0.00	86.35 0.85 0.00	53.63 -0.11 0.00	50.47 1.33 0.00	44.41 1.04 0.00	40.20 0.86 0.00
EIGHT_POINT___WT_PWR 323820	34.22 1.19 0.00	30.55 1.37 0.00	28.48 0.94 0.00	27.09 0.86 0.00	26.11 0.39 0.00	27.44 1.13 0.00	30.61 1.23 0.00	32.29 0.60 0.00	35.94 0.36 0.01	38.62 0.49 0.00	40.72 0.92 0.00	45.65 1.15 0.00	50.89 1.48 0.00	53.13 1.99 0.00	55.49 2.89 0.00	71.97 2.76 -0.25	81.21 2.96 -0.22	90.56 3.12 -0.54	85.35 3.27 -0.45	90.56 4.27 -0.79	57.34 3.60 0.00	50.71 1.57 0.00	44.85 1.48 0.00	40.83 1.49 0.00
ELBRIDGE_115KV_TB2 80188	32.83 -0.20 0.00	29.15 -0.03 0.00	27.40 -0.14 0.00	26.07 -0.16 0.00	25.47 -0.26 0.00	26.18 -0.13 0.00	29.26 -0.12 0.00	31.49 -0.19 0.00	35.35 -0.25 0.00	37.90 -0.23 0.00	39.69 -0.12 0.00	44.41 -0.09 0.00	49.31 -0.10 0.00	51.24 0.10 0.00	52.96 0.37 0.00	70.56 0.28 -1.33	79.53 0.31 -1.20	90.21 0.43 -2.88	84.41 0.41 -2.37	90.29 0.60 -4.19	54.28 0.54 0.00	49.24 0.10 0.00	43.46 0.09 0.00	39.42 0.08 0.00
ELEC_TRO_TEK 24086	38.83 2.58 -3.23	38.34 2.13 -7.04	33.83 2.09 -4.20	28.26 2.02 -0.02	28.22 1.98 -0.51	29.06 2.08 -0.67	31.49 2.12 0.00	34.25 2.57 0.00	38.80 2.92 -0.29	41.42 3.16 -0.13	51.54 3.03 -8.71	56.15 3.20 -8.45	59.38 3.56 -6.41	55.29 3.58 -0.58	56.82 3.21 -1.01	73.09 4.14 0.00	82.62 4.60 0.00	92.02 5.13 0.00	85.88 4.24 0.00	89.26 3.76 0.00	55.73 1.99 0.00	52.59 2.75 -0.70	50.47 2.65 -4.45	45.55 2.36 -3.85
ELLENBURG_WT_PWR 323604	33.06 0.03 0.00	29.09 -0.09 0.00	27.43 -0.11 0.00	26.15 -0.08 0.00	25.75 0.03 0.00	26.13 -0.18 0.00	29.20 -0.18 0.00	31.62 -0.06 0.00	35.63 0.04 0.00	38.20 0.08 0.00	39.65 -0.16 0.00	44.36 -0.13 0.00	48.47 -0.94 0.00	49.86 -1.28 0.00	51.12 -1.47 0.00	66.96 -2.00 0.00	76.23 -1.79 0.00	84.73 -2.17 0.00	79.76 -1.87 0.00	83.37 -2.13 0.00	52.45 -1.29 0.00	48.60 -0.54 0.00	43.50 0.13 0.00	39.42 0.08 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.13 0.10 0.00	29.97 0.79 0.00	27.84 0.30 0.00	26.36 0.13 0.00	25.29 -0.44 0.00	26.65 0.34 0.00	29.88 0.50 0.00	31.37 -0.32 0.00	34.88 -0.71 0.00	37.44 -0.69 0.00	39.25 -0.56 0.00	44.36 -0.13 0.00	49.21 -0.20 0.00	51.39 0.26 0.00	53.65 1.05 0.00	69.30 0.34 0.00	77.86 -0.16 0.00	86.46 -0.43 0.00	81.14 -0.49 0.00	86.18 0.68 0.00	55.51 1.77 0.00	48.75 -0.39 0.00	43.15 -0.22 0.00	39.50 0.16 0.00
EMPIRE_CC_1 323656	34.15 1.12 0.00	30.20 1.02 0.00	28.58 1.05 0.00	27.22 1.00 0.00	26.73 1.00 0.00	27.31 1.00 0.00	30.50 1.12 0.00	32.76 1.08 0.00	36.96 1.25 -0.12	39.31 1.18 0.00	40.96 1.16 0.00	45.70 1.20 0.00	50.79 1.38 0.00	52.36 1.23 0.00	53.65 1.05 0.00	70.34 1.38 0.00	79.34 1.33 0.00	88.54 1.65 0.00	83.18 1.55 0.00	86.78 1.28 0.00	54.49 0.75 0.00	50.37 1.23 0.00	44.41 1.04 0.00	40.32 0.98 0.00
EMPIRE_CC_2 323658	34.15 1.12 0.00	30.20 1.02 0.00	28.58 1.05 0.00	27.22 1.00 0.00	26.73 1.00 0.00	27.31 1.00 0.00	30.50 1.12 0.00	32.76 1.08 0.00	36.96 1.25 -0.12	39.31 1.18 0.00	40.96 1.16 0.00	45.70 1.20 0.00	50.79 1.38 0.00	52.36 1.23 0.00	53.65 1.05 0.00	70.34 1.38 0.00	79.34 1.33 0.00	88.54 1.65 0.00	83.18 1.55 0.00	86.78 1.28 0.00	54.49 0.75 0.00	50.37 1.23 0.00	44.41 1.04 0.00	40.32 0.98 0.00
ENORWICH_115KV_TB1 80156	35.18 2.15 0.00	31.13 1.95 0.00	29.22 1.68 0.00	27.88 1.65 0.00	27.14 1.42 0.00	27.97 1.66 0.00	31.49 2.12 0.00	33.84 2.15 0.00	37.86 2.28 0.01	40.49 2.36 0.00	42.71 2.91 0.00	48.01 3.52 0.00	53.31 3.90 0.00	56.05 4.91 0.00	57.28 4.68 0.00	76.36 6.90 -0.50	86.82 8.35 -0.45	96.94 8.95 -1.09	91.59 9.06 -0.90	97.44 10.35 -1.59	60.73 6.99 0.00	54.45 5.31 0.00	47.75 4.38 0.00	43.19 3.86 0.00

ERIE_ST__34_KV_TB1-2 80199	33.36 0.33 0.00	30.14 0.96 0.00	27.98 0.44 0.00	26.49 0.26 0.00	25.47 -0.26 0.00	26.81 0.50 0.00	30.08 0.71 0.00	31.65 -0.03 0.00	35.24 -0.36 0.00	37.90 -0.23 0.00	39.73 -0.08 0.00	44.98 0.49 0.00	49.90 0.49 0.00	52.26 1.13 0.00	54.65 2.05 0.00	70.75 1.79 0.00	79.66 1.64 0.00	88.46 1.56 0.00	83.02 1.39 0.00	87.98 2.48 0.00	56.54 2.79 0.00	49.58 0.44 0.00	43.80 0.43 0.00	40.01 0.67 0.00
ERIE_WT_PWR 323693	33.66 0.63 0.00	30.14 0.96 0.00	28.01 0.47 0.00	26.65 0.42 0.00	25.45 -0.28 0.00	27.07 0.76 0.00	30.08 0.70 0.00	31.56 -0.13 0.00	35.10 -0.50 0.00	37.71 -0.42 0.00	39.73 -0.08 0.00	44.67 0.18 0.00	49.71 0.30 0.00	51.91 0.77 0.00	54.33 1.73 0.00	69.92 0.96 0.00	78.88 0.86 0.00	87.24 0.35 0.00	81.96 0.33 0.00	87.12 1.62 0.00	56.05 2.31 0.00	49.09 -0.05 0.00	43.54 0.17 0.00	39.89 0.55 0.00
ESPRGFLD_115KV_TB1 80157	35.21 2.18 0.00	31.04 1.87 0.00	29.27 1.73 0.00	27.91 1.68 0.00	27.27 1.54 0.00	28.02 1.71 0.00	31.44 2.06 0.00	33.93 2.25 0.00	38.17 2.53 -0.05	40.80 2.67 0.00	42.75 2.95 0.00	47.92 3.43 0.00	53.26 3.85 0.00	55.18 4.04 0.00	56.70 4.10 0.00	74.75 5.79 0.00	84.57 6.55 0.00	94.45 7.56 0.00	88.90 7.27 0.00	93.45 7.95 0.00	58.95 5.21 0.00	53.47 4.32 0.00	46.93 3.56 0.00	42.45 3.11 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.69 0.66 0.00	29.88 0.70 0.00	28.09 0.55 0.00	26.73 0.50 0.00	26.09 0.36 0.00	26.84 0.53 0.00	30.06 0.68 0.00	32.32 0.63 0.00	36.19 0.61 0.01	38.78 0.65 0.00	40.64 0.84 0.00	45.56 1.07 0.00	50.70 1.28 0.00	52.77 1.64 0.00	54.38 1.79 0.00	72.00 2.34 -0.70	81.46 2.81 -0.63	91.63 3.22 -1.52	86.23 3.35 -1.25	91.47 3.76 -2.21	56.37 2.63 0.00	50.96 1.82 0.00	44.85 1.47 0.00	40.64 1.30 0.00
ETNA____115KV_TB2 80207	33.69 0.66 0.00	29.88 0.70 0.00	28.09 0.55 0.00	26.73 0.50 0.00	26.09 0.36 0.00	26.84 0.53 0.00	30.06 0.68 0.00	32.32 0.63 0.00	36.19 0.61 0.01	38.78 0.65 0.00	40.64 0.84 0.00	45.56 1.07 0.00	50.70 1.28 0.00	52.77 1.64 0.00	54.38 1.79 0.00	72.00 2.34 -0.70	81.46 2.81 -0.63	91.63 3.22 -1.52	86.23 3.35 -1.25	91.47 3.76 -2.21	56.37 2.63 0.00	50.96 1.82 0.00	44.85 1.47 0.00	40.64 1.30 0.00
EUCLID____115KV_TB2 356179	32.50 -0.53 0.00	28.80 -0.38 0.00	27.10 -0.44 0.00	25.81 -0.42 0.00	25.21 -0.51 0.00	25.92 -0.39 0.00	28.94 -0.44 0.00	31.18 -0.51 0.00	34.99 -0.61 0.00	37.56 -0.57 0.00	39.33 -0.48 0.00	44.09 -0.40 0.00	48.97 -0.44 0.00	50.88 -0.26 0.00	52.44 -0.16 0.00	69.25 -0.28 -0.57	78.22 -0.31 -0.52	87.71 -0.43 -1.25	82.25 -0.41 -1.03	86.97 -0.34 -1.81	53.74 0.00 0.00	48.75 -0.39 0.00	42.98 -0.39 0.00	38.95 -0.39 0.00
E_CANADA_CAP_HY 24051	35.90 2.87 0.00	31.63 2.45 0.00	29.88 2.34 0.00	28.43 2.20 0.00	27.84 2.11 0.00	28.55 2.24 0.00	31.99 2.61 0.00	34.54 2.85 0.00	38.87 3.20 -0.07	41.44 3.32 0.00	43.35 3.54 0.00	48.54 4.05 0.00	54.05 4.64 0.00	55.64 4.50 0.00	57.43 4.84 0.00	75.64 6.69 0.00	85.67 7.65 0.00	96.02 9.12 0.00	90.45 8.82 0.00	95.07 9.57 0.00	60.08 6.34 0.00	54.79 5.65 0.00	47.88 4.51 0.00	43.31 3.97 0.00
E_CANADA_MHWK_HY 24050	32.90 -0.13 0.00	29.09 -0.09 0.00	27.46 -0.08 0.00	26.15 -0.08 0.00	25.63 -0.10 0.00	26.26 -0.05 0.00	29.35 -0.03 0.00	31.68 0.00 0.00	35.60 0.00 0.00	38.13 0.00 0.00	40.12 0.32 0.00	44.89 0.40 0.00	49.90 0.49 0.00	51.60 0.46 0.00	53.07 0.47 0.00	69.58 0.62 0.00	78.02 0.00 0.00	86.89 0.00 0.00	81.63 0.00 0.00	85.67 0.17 0.00	53.85 0.11 0.00	49.34 0.20 0.00	43.59 0.22 0.00	39.54 0.20 0.00
E_FISHKILL____LBMP 23776	34.71 1.68 0.00	30.58 1.40 0.00	28.97 1.43 0.00	27.59 1.36 0.00	27.09 1.36 0.00	27.73 1.42 0.00	30.88 1.50 0.00	33.43 1.74 0.00	37.79 1.99 -0.20	40.22 2.10 0.00	41.88 2.07 0.00	46.68 2.18 0.00	51.83 2.42 0.00	53.54 2.40 0.00	54.70 2.10 0.00	72.13 3.17 0.00	81.45 3.43 0.00	90.72 3.82 0.00	85.06 3.43 0.00	88.58 3.08 0.00	55.03 1.29 0.00	50.91 1.77 0.00	45.02 1.65 0.00	40.76 1.42 0.00
FALCON____SEABRD_CC1 323796	33.43 0.40 0.00	29.38 0.21 0.00	27.70 0.17 0.00	26.41 0.18 0.00	26.01 0.28 0.00	26.42 0.11 0.00	29.53 0.15 0.00	31.97 0.28 0.00	36.02 0.43 0.00	38.62 0.49 0.00	40.05 0.24 0.00	44.81 0.31 0.00	48.28 -1.13 0.00	49.55 -1.59 0.00	50.65 -1.95 0.00	65.99 -2.96 0.00	75.29 -2.73 0.00	83.68 -3.21 0.00	78.77 -2.86 0.00	82.34 -3.16 0.00	51.75 -1.99 0.00	48.60 -0.54 0.00	43.98 0.61 0.00	39.85 0.51 0.00
FALCON____SEABRD_CC2 323797	33.43 0.40 0.00	29.38 0.21 0.00	27.70 0.17 0.00	26.41 0.18 0.00	26.01 0.28 0.00	26.42 0.11 0.00	29.53 0.15 0.00	31.97 0.28 0.00	36.02 0.43 0.00	38.62 0.49 0.00	40.05 0.24 0.00	44.81 0.31 0.00	48.28 -1.13 0.00	49.55 -1.59 0.00	50.65 -1.95 0.00	65.99 -2.96 0.00	75.29 -2.73 0.00	83.68 -3.21 0.00	78.77 -2.86 0.00	82.34 -3.16 0.00	51.75 -1.99 0.00	48.60 -0.54 0.00	43.98 0.61 0.00	39.85 0.51 0.00
FAR ROCKAWAY____4 23548	39.49 3.24 -3.23	38.90 2.68 -7.04	34.33 2.59 -4.20	28.71 2.47 -0.02	28.66 2.42 -0.51	29.48 2.50 -0.67	31.94 2.56 0.00	34.73 3.04 0.00	39.41 3.52 -0.29	41.77 3.51 -0.13	51.82 3.30 -8.71	56.60 3.65 -8.45	59.92 4.10 -6.41	55.91 4.19 -0.58	57.45 3.84 -1.01	73.78 4.83 0.00	83.40 5.38 0.00	93.06 6.17 0.00	86.94 5.31 0.00	90.20 4.70 0.00	56.37 2.63 0.00	53.03 3.19 -0.70	50.86 3.04 -4.45	46.02 2.83 -3.85
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.21 2.18 0.00	30.99 1.81 0.00	29.30 1.76 0.00	27.91 1.68 0.00	27.40 1.67 0.00	28.07 1.76 0.00	31.26 1.88 0.00	33.97 2.28 0.00	38.42 2.67 -0.16	40.91 2.78 0.00	42.51 2.71 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.36 3.22 0.00	55.38 2.79 0.00	73.30 4.34 0.00	82.93 4.92 0.00	92.28 5.39 0.00	86.37 4.73 0.00	89.69 4.19 0.00	55.35 1.61 0.00	51.26 2.11 0.00	45.37 2.00 0.00	41.11 1.77 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.24 2.21 0.00	31.02 1.84 0.00	29.30 1.76 0.00	27.91 1.68 0.00	27.40 1.67 0.00	28.07 1.76 0.00	31.26 1.88 0.00	33.97 2.28 0.00	38.42 2.67 -0.16	40.91 2.78 0.00	42.51 2.71 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.36 3.22 0.00	55.38 2.79 0.00	73.30 4.34 0.00	82.93 4.92 0.00	92.28 5.39 0.00	86.45 4.82 0.00	89.69 4.19 0.00	55.41 1.67 0.00	51.30 2.16 0.00	45.41 2.04 0.00	41.15 1.81 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.21 2.18 0.00	30.99 1.81 0.00	29.30 1.76 0.00	27.88 1.65 0.00	27.40 1.67 0.00	28.05 1.74 0.00	31.23 1.85 0.00	33.93 2.25 0.00	38.39 2.63 -0.16	40.87 2.75 0.00	42.48 2.67 0.00	47.34 2.85 0.00	52.57 3.16 0.00	54.31 3.17 0.00	55.38 2.79 0.00	73.23 4.28 0.00	82.86 4.84 0.00	92.19 5.30 0.00	86.28 4.65 0.00	89.60 4.10 0.00	55.30 1.56 0.00	51.21 2.06 0.00	45.37 2.00 0.00	41.07 1.73 0.00

FARRAGUT___LBMP 323566	35.18 2.15 0.00	30.96 1.78 0.00	29.27 1.73 0.00	27.85 1.63 0.00	27.37 1.65 0.00	28.02 1.71 0.00	31.20 1.82 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.83 2.71 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.52 3.11 0.00	54.26 3.12 0.00	55.28 2.68 0.00	73.16 4.21 0.00	82.78 4.76 0.00	92.11 5.21 0.00	86.20 4.57 0.00	89.52 4.02 0.00	55.25 1.50 0.00	51.16 2.01 0.00	45.32 1.95 0.00	41.03 1.69 0.00
FENNER___WINDPWR 24204	33.53 0.50 0.00	29.62 0.44 0.00	27.87 0.33 0.00	26.57 0.34 0.00	25.96 0.23 0.00	26.68 0.37 0.00	29.88 0.50 0.00	32.22 0.54 0.00	36.20 0.60 0.00	38.81 0.69 0.00	40.76 0.95 0.00	45.70 1.20 0.00	50.84 1.43 0.00	52.88 1.74 0.00	54.54 1.95 0.00	72.04 2.55 -0.53	81.15 2.65 -0.48	91.09 3.04 -1.15	85.51 2.93 -0.95	90.42 3.25 -1.67	55.95 2.20 0.00	50.71 1.57 0.00	44.67 1.30 0.00	40.48 1.14 0.00
FIBERTEK___ENERGY 23856	32.93 -0.10 0.00	29.18 0.00 0.00	27.46 -0.08 0.00	26.12 -0.10 0.00	25.52 -0.21 0.00	26.21 -0.11 0.00	29.29 -0.09 0.00	31.56 -0.13 0.00	35.42 -0.18 0.00	38.01 -0.11 0.00	39.85 0.04 0.00	44.45 -0.04 0.00	49.31 -0.10 0.00	51.29 0.15 0.00	52.96 0.37 0.00	70.48 0.28 -1.24	79.53 0.39 -1.12	89.95 0.35 -2.71	84.18 0.33 -2.22	89.86 0.43 -3.93	54.22 0.48 0.00	49.29 0.15 0.00	43.59 0.22 0.00	39.50 0.16 0.00
FITZPATRICK____ 23598	32.07 -0.96 0.00	28.36 -0.82 0.00	26.71 -0.83 0.00	25.44 -0.79 0.00	24.88 -0.85 0.00	25.55 -0.76 0.00	28.53 -0.85 0.00	30.70 -0.98 0.00	34.49 -1.10 0.00	36.95 -1.18 0.00	38.69 -1.11 0.00	43.30 -1.20 0.00	48.13 -1.28 0.00	49.91 -1.23 0.00	51.49 -1.11 0.00	60.50 -1.66 6.80	70.00 -1.87 6.15	70.00 -2.09 14.81	67.50 -1.96 12.17	62.10 -1.88 21.52	52.72 -1.02 0.00	47.86 -1.28 0.00	42.24 -1.13 0.00	38.32 -1.02 0.00
FLOWRFLD_69_KV_BK1 356044	39.79 3.53 -3.23	39.16 2.95 -7.04	34.61 2.86 -4.20	29.00 2.75 -0.02	28.97 2.73 -0.51	29.83 2.84 -0.67	32.26 2.88 0.00	35.20 3.52 0.00	39.98 4.09 -0.29	42.57 4.31 -0.13	52.65 4.14 -8.71	57.36 4.41 -8.46	62.09 4.79 -7.89	72.59 4.65 -16.80	100.21 4.31 -43.30	209.07 5.24 -134.87	229.27 5.93 -145.32	292.84 6.86 -199.08	256.12 5.80 -168.70	94.27 5.22 -3.56	66.95 3.01 -10.20	60.67 4.28 -7.26	51.86 4.03 -4.45	46.77 3.58 -3.85
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.11 2.08 0.00	30.90 1.72 0.00	29.25 1.71 0.00	27.85 1.63 0.00	27.32 1.60 0.00	27.94 1.63 0.00	31.14 1.76 0.00	33.74 2.06 0.00	37.97 2.31 -0.06	40.61 2.48 0.00	42.28 2.47 0.00	47.21 2.71 0.00	52.52 3.11 0.00	54.31 3.17 0.00	55.44 2.84 0.00	73.51 4.55 0.00	83.09 5.07 0.00	92.37 5.47 0.00	86.77 5.14 0.00	90.37 4.87 0.00	56.11 2.36 0.00	51.80 2.65 0.00	45.67 2.30 0.00	41.35 2.01 0.00
FORT ORANGE____ 23900	34.15 1.12 0.00	30.11 0.93 0.00	28.53 0.99 0.00	27.12 0.89 0.00	26.63 0.90 0.00	27.23 0.92 0.00	30.44 1.06 0.00	32.86 1.17 0.00	36.73 1.03 -0.10	39.04 0.91 0.00	40.72 0.92 0.00	45.25 0.76 0.00	50.40 0.99 0.00	52.01 0.87 0.00	53.39 0.79 0.00	69.99 1.04 0.00	79.03 1.01 0.00	88.20 1.31 0.00	83.02 1.39 0.00	86.70 1.20 0.00	54.44 0.70 0.00	50.42 1.28 0.00	44.32 0.95 0.00	40.20 0.86 0.00
FORT_DRUM_COGEN 23780	32.93 -0.10 0.00	29.03 -0.15 0.00	27.29 -0.25 0.00	26.07 -0.16 0.00	25.44 -0.28 0.00	26.00 -0.32 0.00	29.14 -0.24 0.00	31.43 -0.25 0.00	35.20 -0.39 0.00	37.67 -0.46 0.00	39.61 -0.20 0.00	44.72 0.22 0.00	49.71 0.30 0.00	51.50 0.36 0.00	52.91 0.32 0.00	70.62 0.62 -1.04	80.13 1.17 -0.94	90.81 1.65 -2.26	85.61 2.12 -1.86	91.52 2.74 -3.29	55.78 2.04 0.00	50.37 1.23 0.00	44.37 1.00 0.00	40.28 0.94 0.00
FPL_FAR_ROCK_GT1 24212	39.43 3.17 -3.23	38.90 2.68 -7.04	34.33 2.59 -4.21	28.69 2.44 -0.02	28.66 2.42 -0.52	29.43 2.45 -0.67	31.91 2.53 0.00	34.73 3.04 0.00	39.41 3.52 -0.29	41.76 3.51 -0.13	51.78 3.26 -8.71	56.64 3.69 -8.45	60.07 4.25 -6.41	56.06 4.34 -0.58	57.61 4.00 -1.01	74.27 5.31 0.00	83.64 5.62 0.00	93.76 6.86 0.00	87.59 5.96 0.00	90.63 5.13 0.00	56.53 2.79 0.00	53.13 3.29 -0.70	50.82 2.99 -4.46	45.99 2.79 -3.85
FPL_FAR_ROCK_GT2 23815	39.43 3.17 -3.23	38.90 2.68 -7.04	34.33 2.59 -4.21	28.69 2.44 -0.02	28.66 2.42 -0.52	29.43 2.45 -0.67	31.91 2.53 0.00	34.73 3.04 0.00	39.41 3.52 -0.29	41.76 3.51 -0.13	51.78 3.26 -8.71	56.64 3.69 -8.45	60.07 4.25 -6.41	56.06 4.34 -0.58	57.61 4.00 -1.01	74.27 5.31 0.00	83.64 5.62 0.00	93.76 6.86 0.00	87.59 5.96 0.00	90.63 5.13 0.00	56.53 2.79 0.00	53.13 3.29 -0.70	50.82 2.99 -4.46	45.99 2.79 -3.85
FRANKLIN_FALL_HYD 24054	33.10 0.07 0.00	29.06 -0.12 0.00	27.43 -0.11 0.00	26.15 -0.08 0.00	25.73 0.00 0.00	26.05 -0.26 0.00	29.11 -0.26 0.00	31.53 -0.16 0.00	35.56 -0.04 0.00	38.13 0.00 0.00	39.53 -0.28 0.00	44.27 -0.22 0.00	49.16 -0.25 0.00	50.42 -0.72 0.00	52.02 -0.58 0.00	68.41 -0.55 0.00	77.86 -0.16 0.00	86.37 -0.52 0.00	81.39 -0.24 0.00	85.07 -0.43 0.00	53.63 -0.11 0.00	49.14 0.00 0.00	43.46 0.09 0.00	39.50 0.16 0.00
FREEPORT_EQUS_GT1 23764	39.13 2.87 -3.23	38.67 2.45 -7.04	34.14 2.39 -4.20	28.53 2.28 -0.02	28.51 2.26 -0.51	29.30 2.32 -0.67	31.76 2.38 0.00	34.57 2.88 0.00	39.20 3.31 -0.29	41.84 3.58 -0.13	51.97 3.46 -8.71	56.64 3.69 -8.45	60.07 4.25 -6.41	55.75 4.04 -0.58	57.35 3.73 -1.01	73.99 5.03 0.00	83.25 5.23 0.00	93.32 6.43 0.00	87.10 5.47 0.00	90.20 4.70 0.00	56.32 2.58 0.00	53.23 3.39 -0.70	50.86 3.03 -4.45	45.87 2.68 -3.85
FREEPORT___CT2 23818	39.13 2.87 -3.23	38.67 2.45 -7.04	34.14 2.39 -4.20	28.53 2.28 -0.02	28.51 2.26 -0.51	29.30 2.32 -0.67	31.76 2.38 0.00	34.57 2.88 0.00	39.20 3.31 -0.29	41.84 3.58 -0.13	51.97 3.46 -8.71	56.64 3.69 -8.45	60.07 4.25 -6.41	55.75 4.04 -0.58	57.35 3.73 -1.01	73.99 5.03 0.00	83.25 5.23 0.00	93.32 6.43 0.00	87.10 5.47 0.00	90.20 4.70 0.00	56.32 2.58 0.00	53.23 3.39 -0.70	50.86 3.03 -4.45	45.87 2.68 -3.85
FRESHKLS_33_KV_LOAD 356253	32.53 2.31 2.81	31.20 2.01 -0.01	29.50 1.96 -0.01	28.07 1.84 -0.01	27.59 1.85 -0.01	28.23 1.92 0.00	31.14 1.76 0.00	31.50 2.19 2.38	31.51 2.71 6.79	33.13 2.75 7.74	33.79 2.59 8.61	34.33 2.58 12.75	34.40 2.82 17.83	35.93 2.81 18.02	34.80 2.52 20.33	44.34 4.14 28.75	51.55 4.92 31.39	59.18 5.47 33.19	52.83 4.82 33.62	57.34 3.85 32.00	33.86 1.29 21.17	33.91 1.82 17.05	34.21 1.73 10.90	32.50 1.61 8.45
FULTON COGEN____ 23766	32.47 -0.56 0.00	28.74 -0.44 0.00	27.07 -0.47 0.00	25.76 -0.47 0.00	25.16 -0.57 0.00	25.86 -0.45 0.00	28.88 -0.50 0.00	31.11 -0.57 0.00	34.88 -0.71 0.00	37.44 -0.69 0.00	39.21 -0.60 0.00	43.96 -0.53 0.00	48.82 -0.59 0.00	50.73 -0.41 0.00	52.28 -0.32 0.00	70.71 -0.48 -2.23	79.49 -0.55 -2.02	91.14 -0.61 -4.86	85.05 -0.57 -3.99	92.05 -0.51 -7.06	53.63 -0.11 0.00	48.70 -0.44 0.00	42.89 -0.48 0.00	38.91 -0.43 0.00

FULTON___LFGE 323630	36.70 3.67 0.00	32.30 3.12 0.00	30.49 2.95 0.00	28.96 2.73 0.00	28.35 2.63 0.00	29.07 2.76 0.00	32.61 3.23 0.00	35.23 3.55 0.00	39.63 3.95 -0.08	42.02 3.89 0.00	44.74 4.94 0.00	50.10 5.61 0.00	55.98 6.57 0.00	57.58 6.44 0.00	59.91 7.31 0.00	79.23 10.28 0.00	87.38 9.36 0.00	98.54 11.65 0.00	93.14 11.51 0.00	97.89 12.39 0.00	62.12 8.38 0.00	56.41 7.27 0.00	49.05 5.68 0.00	44.34 5.00 0.00
G.F.CEMENT___DRP 24184	35.34 2.31 0.00	31.10 1.93 0.00	29.44 1.90 0.00	27.96 1.73 0.00	27.40 1.67 0.00	28.07 1.76 0.00	31.38 2.00 0.00	34.00 2.31 0.00	38.43 2.74 -0.10	40.99 2.86 0.00	42.79 2.99 0.00	47.88 3.38 0.00	53.26 3.85 0.00	54.61 3.48 0.00	56.44 3.84 0.00	73.99 5.03 0.00	83.64 5.62 0.00	93.32 6.43 0.00	88.24 6.61 0.00	92.25 6.75 0.00	58.20 4.46 0.00	53.76 4.62 0.00	47.06 3.69 0.00	42.60 3.27 0.00
GARDENVILLE___LBMP 24039	33.23 0.20 0.00	30.05 0.88 0.00	27.92 0.39 0.00	26.44 0.21 0.00	25.37 -0.36 0.00	26.73 0.42 0.00	29.94 0.56 0.00	31.46 -0.22 0.00	34.99 -0.61 0.00	37.59 -0.53 0.00	39.41 -0.40 0.00	44.54 0.04 0.00	49.36 -0.05 0.00	51.60 0.46 0.00	53.91 1.31 0.00	69.58 0.62 0.00	78.25 0.23 0.00	86.89 0.00 0.00	81.55 -0.08 0.00	86.53 1.03 0.00	55.73 1.99 0.00	48.95 -0.20 0.00	43.28 -0.09 0.00	39.61 0.28 0.00
GARDNVLA_35_KV_LD 355827	33.39 0.36 0.00	30.20 1.02 0.00	28.03 0.50 0.00	26.54 0.31 0.00	25.47 -0.26 0.00	26.84 0.53 0.00	30.08 0.71 0.00	31.62 -0.06 0.00	35.17 -0.43 0.00	37.82 -0.31 0.00	39.65 -0.16 0.00	44.85 0.36 0.00	49.71 0.30 0.00	51.96 0.82 0.00	54.28 1.68 0.00	70.13 1.17 0.00	78.80 0.78 0.00	87.50 0.61 0.00	82.04 0.41 0.00	87.12 1.62 0.00	56.11 2.36 0.00	49.19 0.05 0.00	43.54 0.17 0.00	39.81 0.47 0.00
GELCKHM___115KV_LOAD 80723	32.67 -0.36 0.00	28.94 -0.23 0.00	27.24 -0.30 0.00	25.91 -0.31 0.00	25.34 -0.39 0.00	26.02 -0.29 0.00	29.09 -0.29 0.00	31.34 -0.35 0.00	35.17 -0.43 0.00	37.75 -0.38 0.00	39.53 -0.28 0.00	44.18 -0.31 0.00	49.06 -0.35 0.00	50.98 -0.15 0.00	52.65 0.05 0.00	69.64 -0.14 -0.82	78.60 -0.16 -0.74	88.50 -0.17 -1.78	82.93 -0.16 -1.46	88.00 -0.09 -2.59	53.90 0.16 0.00	48.95 -0.20 0.00	43.20 -0.17 0.00	39.18 -0.16 0.00
GENERAL___MILLS 23808	33.33 0.30 0.00	30.14 0.96 0.00	27.98 0.44 0.00	26.49 0.26 0.00	25.42 -0.31 0.00	26.78 0.47 0.00	30.03 0.65 0.00	31.56 -0.13 0.00	35.10 -0.50 0.00	37.71 -0.42 0.00	39.49 -0.32 0.00	44.67 0.18 0.00	49.56 0.15 0.00	51.75 0.61 0.00	54.07 1.47 0.00	69.85 0.90 0.00	78.49 0.47 0.00	87.15 0.26 0.00	81.79 0.16 0.00	86.87 1.37 0.00	55.94 2.20 0.00	49.09 -0.05 0.00	43.41 0.04 0.00	39.73 0.39 0.00
GE_PLASTICS___DRP 24183	34.09 1.06 0.00	30.05 0.88 0.00	28.45 0.91 0.00	27.09 0.87 0.00	26.58 0.85 0.00	27.21 0.89 0.00	30.38 1.00 0.00	32.73 1.05 0.00	36.84 1.14 -0.10	39.23 1.11 0.00	40.96 1.15 0.00	45.21 0.71 0.00	50.20 0.79 0.00	51.85 0.72 0.00	53.18 0.58 0.00	69.72 0.76 0.00	78.80 0.78 0.00	87.76 0.87 0.00	82.53 0.90 0.00	86.18 0.68 0.00	54.12 0.38 0.00	50.37 1.23 0.00	44.41 1.04 0.00	40.28 0.94 0.00
GILBOA___1 23756	33.99 0.96 0.00	30.02 0.85 0.00	28.50 0.96 0.00	27.15 0.92 0.00	26.63 0.90 0.00	27.23 0.92 0.00	30.41 1.03 0.00	32.70 1.01 0.00	36.80 1.14 -0.07	39.31 1.18 0.00	41.00 1.19 0.00	45.74 1.24 0.00	50.84 1.43 0.00	52.42 1.28 0.00	53.59 1.00 0.00	70.26 1.31 0.00	79.26 1.24 0.00	88.37 1.48 0.00	83.02 1.39 0.00	87.38 1.88 0.00	54.71 0.97 0.00	50.32 1.18 0.00	44.41 1.04 0.00	40.28 0.94 0.00
GILBOA___2 23757	33.99 0.96 0.00	30.02 0.85 0.00	28.50 0.96 0.00	27.15 0.92 0.00	26.63 0.90 0.00	27.23 0.92 0.00	30.41 1.03 0.00	32.70 1.01 0.00	36.80 1.14 -0.07	39.31 1.18 0.00	41.00 1.19 0.00	45.74 1.24 0.00	50.84 1.43 0.00	52.42 1.28 0.00	53.59 1.00 0.00	70.26 1.31 0.00	79.26 1.24 0.00	88.37 1.48 0.00	83.02 1.39 0.00	87.38 1.88 0.00	54.71 0.97 0.00	50.32 1.18 0.00	44.41 1.04 0.00	40.28 0.94 0.00
GILBOA___3 23758	33.99 0.96 0.00	30.02 0.85 0.00	28.50 0.96 0.00	27.15 0.92 0.00	26.63 0.90 0.00	27.23 0.92 0.00	30.41 1.03 0.00	32.70 1.01 0.00	36.80 1.14 -0.07	39.31 1.18 0.00	41.00 1.19 0.00	45.74 1.24 0.00	50.84 1.43 0.00	52.42 1.28 0.00	53.59 1.00 0.00	70.26 1.31 0.00	79.26 1.24 0.00	88.37 1.48 0.00	83.02 1.39 0.00	87.38 1.88 0.00	54.71 0.97 0.00	50.32 1.18 0.00	44.41 1.04 0.00	40.28 0.94 0.00
GILBOA___4 23759	33.99 0.96 0.00	30.02 0.85 0.00	28.50 0.96 0.00	27.15 0.92 0.00	26.63 0.90 0.00	27.23 0.92 0.00	30.41 1.03 0.00	32.70 1.01 0.00	36.80 1.14 -0.07	39.31 1.18 0.00	41.00 1.19 0.00	45.74 1.24 0.00	50.84 1.43 0.00	52.42 1.28 0.00	53.59 1.00 0.00	70.26 1.31 0.00	79.26 1.24 0.00	88.37 1.48 0.00	83.02 1.39 0.00	87.38 1.88 0.00	54.71 0.97 0.00	50.32 1.18 0.00	44.41 1.04 0.00	40.28 0.94 0.00
GILBOA___ 23599	34.02 0.99 0.00	30.02 0.85 0.00	28.50 0.96 0.00	27.15 0.92 0.00	26.63 0.90 0.00	27.26 0.95 0.00	30.41 1.03 0.00	32.70 1.01 0.00	36.80 1.14 -0.07	39.31 1.18 0.00	41.00 1.19 0.00	45.70 1.20 0.00	50.74 1.33 0.00	52.36 1.23 0.00	53.49 0.89 0.00	70.13 1.17 0.00	79.19 1.17 0.00	88.20 1.30 0.00	82.86 1.22 0.00	87.30 1.80 0.00	54.65 0.91 0.00	50.27 1.13 0.00	44.46 1.08 0.00	40.28 0.94 0.00
GINNA___ 23603	31.74 -1.29 0.00	28.24 -0.93 0.00	26.35 -1.18 0.00	25.13 -1.10 0.00	24.21 -1.52 0.00	25.23 -1.08 0.00	28.17 -1.21 0.00	30.13 -1.55 0.00	33.78 -1.81 0.00	36.37 -1.75 0.00	38.25 -1.55 0.00	42.98 -1.51 0.00	47.78 -1.63 0.00	49.91 -1.23 0.00	52.02 -0.58 0.00	67.51 -1.45 0.00	76.30 -1.72 0.00	84.90 -2.00 0.00	79.67 -1.96 0.00	83.96 -1.54 0.00	53.37 -0.37 0.00	47.57 -1.57 0.00	41.85 -1.52 0.00	38.00 -1.34 0.00
GLEN PARK___ 23778	33.06 0.03 0.00	29.12 -0.06 0.00	27.37 -0.16 0.00	26.15 -0.08 0.00	25.50 -0.23 0.00	26.07 -0.24 0.00	29.26 -0.12 0.00	31.53 -0.16 0.00	35.27 -0.32 0.00	37.75 -0.38 0.00	39.85 0.04 0.00	44.99 0.49 0.00	50.01 0.60 0.00	51.80 0.66 0.00	53.28 0.68 0.00	71.01 0.96 -1.09	80.56 1.56 -0.98	91.44 2.17 -2.37	86.27 2.69 -1.95	92.45 3.51 -3.44	56.27 2.53 0.00	50.71 1.57 0.00	44.67 1.30 0.00	40.52 1.18 0.00
GLENDALE_27_KV_LOAD 356172	35.51 2.48 0.00	31.22 2.04 0.00	29.52 1.98 0.00	28.06 1.84 0.00	27.58 1.85 0.00	28.26 1.95 0.00	31.35 1.97 0.00	34.12 2.44 0.00	38.64 2.88 -0.16	41.10 2.97 0.00	42.75 2.95 0.00	47.52 3.03 0.00	52.67 3.26 0.00	54.36 3.22 0.00	55.49 2.89 0.00	73.51 4.55 0.00	83.32 5.31 0.00	92.72 5.82 0.00	86.69 5.06 0.00	89.77 4.27 0.00	55.35 1.61 0.01	51.30 2.16 0.00	45.50 2.13 0.00	41.31 1.97 0.00

GLENWOOD_IC_1_G5 23712	38.60 2.35 -3.23	38.37 2.16 -7.04	33.83 2.09 -4.20	28.26 2.02 -0.02	28.22 1.98 -0.51	29.06 2.08 -0.67	31.55 2.17 0.00	34.28 2.60 0.00	38.91 3.03 -0.29	41.23 2.97 -0.13	51.50 2.99 -8.71	56.15 3.20 -8.45	59.43 3.61 -6.41	55.40 3.68 -0.58	56.98 3.37 -1.01	73.51 4.55 0.00	83.09 5.07 0.00	92.54 5.65 0.00	86.45 4.82 0.00	89.77 4.27 0.00	55.84 2.10 0.00	52.49 2.65 -0.70	50.25 2.43 -4.45	45.31 2.12 -3.85
GLENWOOD_IC_2_G1 23688	38.47 2.21 -3.23	38.14 1.93 -7.04	33.64 1.90 -4.20	28.03 1.78 -0.02	28.04 1.80 -0.51	28.80 1.81 -0.67	31.32 1.94 0.00	34.06 2.38 0.00	38.63 2.74 -0.29	41.12 2.86 -0.13	51.30 2.79 -8.71	56.02 3.07 -8.45	59.33 3.51 -6.41	55.24 3.53 -0.58	56.82 3.21 -1.01	73.58 4.62 0.00	82.94 4.92 0.00	92.63 5.73 0.00	86.69 5.06 0.00	89.94 4.44 0.00	55.89 2.15 0.00	52.44 2.60 -0.70	50.12 2.30 -4.45	45.19 2.01 -3.85
GLENWOOD_IC_3_G1 23689	38.47 2.21 -3.23	38.14 1.93 -7.04	33.64 1.90 -4.20	28.03 1.78 -0.02	28.04 1.80 -0.51	28.80 1.81 -0.67	31.32 1.94 0.00	34.06 2.38 0.00	38.63 2.74 -0.29	41.12 2.86 -0.13	51.30 2.79 -8.71	56.02 3.07 -8.45	59.33 3.51 -6.41	55.24 3.53 -0.58	56.82 3.21 -1.01	73.58 4.62 0.00	82.94 4.92 0.00	92.63 5.73 0.00	86.69 5.06 0.00	89.94 4.44 0.00	55.89 2.15 0.00	52.44 2.60 -0.70	50.12 2.30 -4.45	45.19 2.01 -3.85
GLENWOOD___4 23550	38.70 2.44 -3.23	38.37 2.16 -7.04	33.83 2.09 -4.20	28.26 2.02 -0.02	28.22 1.98 -0.51	29.06 2.08 -0.67	31.55 2.17 0.00	34.28 2.60 0.00	38.91 3.03 -0.29	41.35 3.09 -0.13	51.58 3.07 -8.71	56.28 3.34 -8.45	59.58 3.76 -6.41	55.55 3.84 -0.58	57.08 3.47 -1.01	73.72 4.76 0.00	83.32 5.31 0.00	92.72 5.82 0.00	86.61 4.98 0.00	90.03 4.53 0.00	56.00 2.26 0.00	52.64 2.80 -0.70	50.34 2.52 -4.45	45.39 2.20 -3.85
GLENWOOD___5 23614	38.70 2.44 -3.23	38.37 2.16 -7.04	33.83 2.09 -4.20	28.26 2.02 -0.02	28.22 1.98 -0.51	29.06 2.08 -0.67	31.55 2.17 0.00	34.28 2.60 0.00	38.91 3.03 -0.29	41.35 3.09 -0.13	51.58 3.07 -8.71	56.28 3.34 -8.45	59.58 3.76 -6.41	55.55 3.84 -0.58	57.08 3.47 -1.01	73.72 4.76 0.00	83.32 5.31 0.00	92.72 5.82 0.00	86.61 4.98 0.00	90.03 4.53 0.00	56.00 2.26 0.00	52.64 2.80 -0.70	50.34 2.52 -4.45	45.39 2.20 -3.85
GLOBAL GREEN_PORT_GT1 23814	41.04 4.79 -3.23	40.36 4.14 -7.04	35.73 3.99 -4.20	30.05 3.80 -0.02	30.00 3.76 -0.51	30.85 3.87 -0.67	33.32 3.94 0.00	36.50 4.81 0.00	41.58 5.69 -0.29	44.32 6.06 -0.13	54.68 6.17 -8.71	60.07 7.12 -8.46	65.69 8.06 -8.22	72.20 8.28 -12.78	93.62 8.20 -32.83	181.25 10.83 -101.47	198.89 11.54 -109.33	247.88 11.21 -149.77	220.63 12.08 -126.92	99.71 11.54 -2.67	69.17 6.66 -8.76	61.95 6.93 -5.88	53.68 5.85 -4.45	48.42 5.23 -3.85
GLOBE___DSASP 323697	32.37 -0.66 0.00	29.03 -0.15 0.00	26.99 -0.55 0.00	25.55 -0.68 0.00	24.47 -1.26 0.00	25.81 -0.50 0.00	28.91 -0.47 0.00	30.26 -1.43 0.00	33.60 -1.99 0.00	36.07 -2.06 0.00	37.70 -2.11 0.00	42.58 -1.91 0.00	47.14 -2.27 0.00	49.19 -1.94 0.00	51.39 -1.21 0.00	66.20 -2.76 0.00	74.35 -3.67 0.00	82.64 -4.26 0.00	77.55 -4.08 0.00	82.59 -2.91 0.00	53.42 -0.32 0.00	46.83 -2.31 0.00	41.55 -1.82 0.00	38.20 -1.14 0.00
GOETHSLN___LBMP 323567	32.13 1.92 2.82	30.75 1.58 0.00	29.08 1.54 0.00	27.67 1.44 0.00	27.19 1.47 0.00	27.83 1.53 0.01	31.02 1.65 0.00	33.71 2.03 0.00	38.10 2.35 -0.16	32.83 2.44 7.73	33.56 2.35 8.60	34.25 2.49 12.74	52.18 2.77 0.00	53.90 2.76 0.00	34.59 2.31 20.32	43.93 3.72 28.75	82.23 4.21 0.00	91.41 4.52 0.00	52.02 4.00 33.61	56.92 3.42 32.00	33.71 1.13 21.16	33.77 1.67 17.04	34.10 1.60 10.87	40.76 1.42 0.00
GOLAH___69_KV_TB 1_2 80279	33.36 0.33 0.00	30.02 0.85 0.00	27.92 0.39 0.00	26.49 0.26 0.00	25.55 -0.18 0.00	26.68 0.37 0.00	29.85 0.47 0.00	31.72 0.03 0.00	35.31 -0.28 0.00	37.98 -0.15 0.00	40.09 0.28 0.00	45.25 0.76 0.00	50.10 0.69 0.00	52.36 1.23 0.00	54.23 1.63 0.00	70.82 1.86 0.00	79.74 1.72 0.00	88.02 1.13 0.00	82.77 1.14 0.00	87.47 1.97 0.00	55.94 2.20 0.00	49.78 0.64 0.00	43.89 0.52 0.00	40.09 0.75 0.00
GOODYEAR_LAKE_HYD 323669	34.48 1.45 0.00	30.46 1.28 0.00	28.72 1.18 0.00	27.38 1.15 0.00	26.78 1.05 0.00	27.52 1.21 0.00	30.82 1.44 0.00	33.27 1.58 0.00	37.38 1.78 0.00	40.03 1.91 0.00	41.96 2.15 0.00	46.99 2.49 0.00	52.18 2.77 0.00	54.15 3.02 0.00	55.49 2.89 0.00	73.28 4.14 -0.19	82.87 4.68 -0.17	92.43 5.13 -0.41	86.87 4.90 -0.34	91.48 5.39 -0.60	57.13 3.39 0.00	51.94 2.80 0.00	45.76 2.39 0.00	41.42 2.08 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.43 0.40 0.00	29.70 0.53 0.00	27.92 0.39 0.00	26.57 0.34 0.00	25.88 0.15 0.00	26.71 0.39 0.00	29.88 0.50 0.00	32.03 0.35 0.00	35.90 0.32 0.01	38.51 0.38 0.00	40.33 0.52 0.00	45.21 0.71 0.00	50.20 0.79 0.00	52.26 1.13 0.00	53.91 1.31 0.00	70.94 1.52 -0.47	80.08 1.64 -0.42	89.65 1.74 -1.02	84.18 1.71 -0.84	89.03 2.05 -1.48	55.35 1.61 0.00	50.03 0.88 0.00	44.11 0.74 0.00	40.05 0.71 0.00
GOUDEY___7 23579	33.46 0.43 0.00	29.73 0.55 0.00	27.95 0.41 0.00	26.57 0.34 0.00	25.91 0.18 0.00	26.73 0.42 0.00	29.91 0.53 0.00	32.07 0.38 0.00	35.94 0.36 0.01	38.55 0.42 0.00	40.37 0.56 0.00	45.30 0.80 0.00	50.30 0.89 0.00	52.31 1.18 0.00	53.96 1.37 0.00	71.01 1.59 -0.47	80.16 1.72 -0.42	89.74 1.82 -1.02	84.26 1.80 -0.84	89.20 2.22 -1.48	55.41 1.67 0.00	50.08 0.93 0.00	44.15 0.78 0.00	40.09 0.75 0.00
GOUDEY___8 23580	33.43 0.40 0.00	29.70 0.53 0.00	27.92 0.39 0.00	26.57 0.34 0.00	25.88 0.15 0.00	26.71 0.39 0.00	29.88 0.50 0.00	32.03 0.35 0.00	35.90 0.32 0.01	38.51 0.38 0.00	40.33 0.52 0.00	45.21 0.71 0.00	50.20 0.79 0.00	52.26 1.13 0.00	53.91 1.31 0.00	70.94 1.52 -0.47	80.08 1.64 -0.42	89.65 1.74 -1.02	84.18 1.71 -0.84	89.03 2.05 -1.48	55.35 1.61 0.00	50.03 0.88 0.00	44.11 0.74 0.00	40.05 0.71 0.00
GOWANUS_GT1_1 24077	35.51 2.48 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.10 1.86 -0.01	27.61 1.88 -0.01	28.26 1.95 0.00	31.26 1.88 0.00	34.03 2.34 0.00	38.64 2.88 -0.16	41.06 2.94 0.00	42.63 2.83 0.00	47.39 2.89 0.00	52.52 3.11 0.00	54.21 3.07 0.00	55.38 2.79 0.00	75.78 4.41 -2.41	137.00 5.23 -53.75	92.69 5.74 -0.06	86.67 4.98 -0.06	89.60 4.10 0.00	55.24 1.50 0.01	51.16 2.01 0.00	45.32 1.95 0.00	41.15 1.81 0.00
GOWANUS_GT1_2 24078	35.51 2.48 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.10 1.86 -0.01	27.61 1.88 -0.01	28.26 1.95 0.00	31.26 1.88 0.00	34.03 2.34 0.00	38.64 2.88 -0.16	41.06 2.94 0.00	42.63 2.83 0.00	47.39 2.89 0.00	52.52 3.11 0.00	54.21 3.07 0.00	55.38 2.79 0.00	75.78 4.41 -2.41	137.00 5.23 -53.75	92.69 5.74 -0.06	86.67 4.98 -0.06	89.60 4.10 0.00	55.24 1.50 0.01	51.16 2.01 0.00	45.32 1.95 0.00	41.15 1.81 0.00

GOWANUS_GT1_3 24079	35.51	31.26	29.53	28.10	27.61	28.26	31.26	34.03	38.64	41.06	42.63	47.39	52.52	54.21	55.38	75.78	137.00	92.69	86.67	89.60	55.24	51.16	45.32	41.15
	2.48	2.07	1.98	1.86	1.88	1.95	1.88	2.34	2.88	2.94	2.83	2.89	3.11	3.07	2.79	4.41	5.23	5.74	4.98	4.10	1.50	2.01	1.95	1.81
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	-2.41	-53.75	-0.06	-0.06	0.00	0.01	0.00	0.00	0.00
GOWANUS_GT1_4 24080	35.51	31.26	29.53	28.10	27.61	28.26	31.26	34.03	38.64	41.06	42.63	47.39	52.52	54.21	55.38	75.78	137.00	92.69	86.67	89.60	55.24	51.16	45.32	41.15
	2.48	2.07	1.98	1.86	1.88	1.95	1.88	2.34	2.88	2.94	2.83	2.89	3.11	3.07	2.79	4.41	5.23	5.74	4.98	4.10	1.50	2.01	1.95	1.81
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	-2.41	-53.75	-0.06	-0.06	0.00	0.01	0.00	0.00	0.00
GOWANUS_GT1_5 24084	35.51	31.26	29.53	28.10	27.61	28.26	31.26	34.03	38.64	41.06	42.63	47.39	52.52	54.21	55.38	75.78	137.00	92.69	86.67	89.60	55.24	51.16	45.32	41.15
	2.48	2.07	1.98	1.86	1.88	1.95	1.88	2.34	2.88	2.94	2.83	2.89	3.11	3.07	2.79	4.41	5.23	5.74	4.98	4.10	1.50	2.01	1.95	1.81
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	-2.41	-53.75	-0.06	-0.06	0.00	0.01	0.00	0.00	0.00
GOWANUS_GT1_6 24111	35.51	31.26	29.53	28.10	27.61	28.26	31.26	34.03	38.64	41.06	42.63	47.39	52.52	54.21	55.38	75.78	137.00	92.69	86.67	89.60	55.24	51.16	45.32	41.15
	2.48	2.07	1.98	1.86	1.88	1.95	1.88	2.34	2.88	2.94	2.83	2.89	3.11	3.07	2.79	4.41	5.23	5.74	4.98	4.10	1.50	2.01	1.95	1.81
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	-2.41	-53.75	-0.06	-0.06	0.00	0.01	0.00	0.00	0.00
GOWANUS_GT1_7 24112	35.51	31.26	29.53	28.10	27.61	28.26	31.26	34.03	38.64	41.06	42.63	47.39	52.52	54.21	55.38	75.78	137.00	92.69	86.67	89.60	55.24	51.16	45.32	41.15
	2.48	2.07	1.98	1.86	1.88	1.95	1.88	2.34	2.88	2.94	2.83	2.89	3.11	3.07	2.79	4.41	5.23	5.74	4.98	4.10	1.50	2.01	1.95	1.81
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	-2.41	-53.75	-0.06	-0.06	0.00	0.01	0.00	0.00	0.00
GOWANUS_GT1_8 24113	35.51	31.26	29.53	28.10	27.61	28.26	31.26	34.03	38.64	41.06	42.63	47.39	52.52	54.21	55.38	75.78	137.00	92.69	86.67	89.60	55.24	51.16	45.32	41.15
	2.48	2.07	1.98	1.86	1.88	1.95	1.88	2.34	2.88	2.94	2.83	2.89	3.11	3.07	2.79	4.41	5.23	5.74	4.98	4.10	1.50	2.01	1.95	1.81
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	-2.41	-53.75	-0.06	-0.06	0.00	0.01	0.00	0.00	0.00
GOWANUS_GT2_1 24114	35.42	31.26	29.53	28.07	27.61	28.18	31.20	34.03	38.60	41.06	42.55	47.39	52.62	54.51	55.49	76.12	137.08	92.86	86.83	89.77	55.45	51.30	45.28	41.11
	2.38	2.07	1.98	1.84	1.88	1.87	1.82	2.34	2.85	2.94	2.74	2.89	3.21	3.37	2.89	4.75	5.31	5.91	5.15	4.27	1.72	2.16	1.91	1.77
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	-2.41	-53.75	-0.06	-0.06	0.00	0.01	0.00	0.00	0.00
GOWANUS_GT2_2 24115	35.42	31.26	29.53	28.07	27.61	28.18	31.20	34.03	38.60	41.06	42.55	47.39	52.62	54.51	55.49	76.12	137.08	92.86	86.83	89.77	55.45	51.30	45.28	41.11
	2.38	2.07	1.98	1.84	1.88	1.87	1.82	2.34	2.85	2.94	2.74	2.89	3.21	3.37	2.89	4.75	5.31	5.91	5.15	4.27	1.72	2.16	1.91	1.77
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	-2.41	-53.75	-0.06	-0.06	0.00	0.01	0.00	0.00	0.00
GOWANUS_GT2_3 24116	35.42	31.26	29.53	28.07	27.61	28.18	31.20	34.03	38.60	41.06	42.55	47.39	52.62	54.51	55.49	76.12	137.08	92.86	86.83	89.77	55.45	51.30	45.28	41.11
	2.38	2.07	1.98	1.84	1.88	1.87	1.82	2.34	2.85	2.94	2.74	2.89	3.21	3.37	2.89	4.75	5.31	5.91	5.15	4.27	1.72	2.16	1.91	1.77
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	-2.41	-53.75	-0.06	-0.06	0.00	0.01	0.00	0.00	0.00
GOWANUS_GT2_4 24117	35.42	31.26	29.53	28.07	27.61	28.18	31.20	34.03	38.60	41.06	42.55	47.39	52.62	54.51	55.49	76.12	137.08	92.86	86.83	89.77	55.45	51.30	45.28	41.11
	2.38	2.07	1.98	1.84	1.88	1.87	1.82	2.34	2.85	2.94	2.74	2.89	3.21	3.37	2.89	4.75	5.31	5.91	5.15	4.27	1.72	2.16	1.91	1.77
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	-2.41	-53.75	-0.06	-0.06	0.00	0.01	0.00	0.00	0.00
GOWANUS_GT2_5 24118	35.42	31.26	29.53	28.07	27.61	28.18	31.20	34.03	38.60	41.06	42.55	47.39	52.62	54.51	55.49	76.12	137.08	92.86	86.83	89.77	55.45	51.30	45.28	41.11
	2.38	2.07	1.98	1.84	1.88	1.87	1.82	2.34	2.85	2.94	2.74	2.89	3.21	3.37	2.89	4.75	5.31	5.91	5.15	4.27	1.72	2.16	1.91	1.77
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	-2.41	-53.75	-0.06	-0.06	0.00	0.01	0.00	0.00	0.00
GOWANUS_GT2_6 24119	35.42	31.26	29.53	28.07	27.61	28.18	31.20	34.03	38.60	41.06	42.55	47.39	52.62	54.51	55.49	76.12	137.08	92.86	86.83	89.77	55.45	51.30	45.28	41.11
	2.38	2.07	1.98	1.84	1.88	1.87	1.82	2.34	2.85	2.94	2.74	2.89	3.21	3.37	2.89	4.75	5.31	5.91	5.15	4.27	1.72	2.16	1.91	1.77
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	-2.41	-53.75	-0.06	-0.06	0.00	0.01	0.00	0.00	0.00
GOWANUS_GT2_7 24120	35.42	31.26	29.53	28.07	27.61	28.18	31.20	34.03	38.60	41.06	42.55	47.39	52.62	54.51	55.49	76.12	137.08	92.86	86.83	89.77	55.45	51.30	45.28	41.11
	2.38	2.07	1.98	1.84	1.88	1.87	1.82	2.34	2.85	2.94	2.74	2.89	3.21	3.37	2.89	4.75	5.31	5.91	5.15	4.27	1.72	2.16	1.91	1.77
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	-2.41	-53.75	-0.06	-0.06	0.00	0.01	0.00	0.00	0.00
GOWANUS_GT2_8 24121	35.42	31.26	29.53	28.07	27.61	28.18	31.20	34.03	38.60	41.06	42.55	47.39	52.62	54.51	55.49	76.12	137.08	92.86	86.83	89.77	55.45	51.30	45.28	41.11
	2.38	2.07	1.98	1.84	1.88	1.87	1.82	2.34	2.85	2.94	2.74	2.89	3.21	3.37	2.89	4.75	5.31	5.91	5.15	4.27	1.72	2.16	1.91	1.77
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	-2.41	-53.75	-0.06	-0.06	0.00	0.01	0.00	0.00	0.00
GOWANUS_GT3_1 24122	35.42	31.26	29.53	28.07	27.61	28.18	31.20	34.03	38.60	41.06	42.55	47.39	52.62	54.51	55.49	76.12	137.08	92.86	86.83	89.77	55.45	51.30	45.28	41.11
	2.38	2.07	1.98	1.84	1.88	1.87	1.82	2.34	2.85	2.94	2.74	2.89	3.21	3.37	2.89	4.75	5.31	5.91	5.15	4.27	1.72	2.16	1.91	1.77
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	-2.41	-53.75	-0.06	-0.06	0.00	0.01	0.00	0.00	0.00

GOWANUS_GT3_2 24123	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
GOWANUS_GT3_3 24124	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
GOWANUS_GT3_4 24125	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
GOWANUS_GT3_5 24126	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
GOWANUS_GT3_6 24127	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
GOWANUS_GT3_7 24128	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
GOWANUS_GT3_8 24129	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
GOWANUS_GT4_1 24130	35.51 2.48 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.10 1.86 -0.01	27.61 1.88 -0.01	28.26 1.95 0.00	31.26 1.88 0.00	34.03 2.34 0.00	38.64 2.88 -0.16	41.06 2.94 0.00	42.63 2.83 0.00	47.39 2.89 0.00	52.52 3.11 0.00	54.21 3.07 0.00	55.38 2.79 0.00	75.78 4.41 -2.41	137.00 5.23 -53.75	92.69 5.74 -0.06	86.67 4.98 -0.06	89.60 4.10 0.00	55.24 1.50 0.01	51.16 2.01 0.00	45.32 1.95 0.00	41.15 1.81 0.00
GOWANUS_GT4_2 24131	35.51 2.48 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.10 1.86 -0.01	27.61 1.88 -0.01	28.26 1.95 0.00	31.26 1.88 0.00	34.03 2.34 0.00	38.64 2.88 -0.16	41.06 2.94 0.00	42.63 2.83 0.00	47.39 2.89 0.00	52.52 3.11 0.00	54.21 3.07 0.00	55.38 2.79 0.00	75.78 4.41 -2.41	137.00 5.23 -53.75	92.69 5.74 -0.06	86.67 4.98 -0.06	89.60 4.10 0.00	55.24 1.50 0.01	51.16 2.01 0.00	45.32 1.95 0.00	41.15 1.81 0.00
GOWANUS_GT4_3 24132	35.51 2.48 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.10 1.86 -0.01	27.61 1.88 -0.01	28.26 1.95 0.00	31.26 1.88 0.00	34.03 2.34 0.00	38.64 2.88 -0.16	41.06 2.94 0.00	42.63 2.83 0.00	47.39 2.89 0.00	52.52 3.11 0.00	54.21 3.07 0.00	55.38 2.79 0.00	75.78 4.41 -2.41	137.00 5.23 -53.75	92.69 5.74 -0.06	86.67 4.98 -0.06	89.60 4.10 0.00	55.24 1.50 0.01	51.16 2.01 0.00	45.32 1.95 0.00	41.15 1.81 0.00
GOWANUS_GT4_4 24133	35.51 2.48 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.10 1.86 -0.01	27.61 1.88 -0.01	28.26 1.95 0.00	31.26 1.88 0.00	34.03 2.34 0.00	38.64 2.88 -0.16	41.06 2.94 0.00	42.63 2.83 0.00	47.39 2.89 0.00	52.52 3.11 0.00	54.21 3.07 0.00	55.38 2.79 0.00	75.78 4.41 -2.41	137.00 5.23 -53.75	92.69 5.74 -0.06	86.67 4.98 -0.06	89.60 4.10 0.00	55.24 1.50 0.01	51.16 2.01 0.00	45.32 1.95 0.00	41.15 1.81 0.00
GOWANUS_GT4_5 24134	35.51 2.48 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.10 1.86 -0.01	27.61 1.88 -0.01	28.26 1.95 0.00	31.26 1.88 0.00	34.03 2.34 0.00	38.64 2.88 -0.16	41.06 2.94 0.00	42.63 2.83 0.00	47.39 2.89 0.00	52.52 3.11 0.00	54.21 3.07 0.00	55.38 2.79 0.00	75.78 4.41 -2.41	137.00 5.23 -53.75	92.69 5.74 -0.06	86.67 4.98 -0.06	89.60 4.10 0.00	55.24 1.50 0.01	51.16 2.01 0.00	45.32 1.95 0.00	41.15 1.81 0.00
GOWANUS_GT4_6 24135	35.51 2.48 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.10 1.86 -0.01	27.61 1.88 -0.01	28.26 1.95 0.00	31.26 1.88 0.00	34.03 2.34 0.00	38.64 2.88 -0.16	41.06 2.94 0.00	42.63 2.83 0.00	47.39 2.89 0.00	52.52 3.11 0.00	54.21 3.07 0.00	55.38 2.79 0.00	75.78 4.41 -2.41	137.00 5.23 -53.75	92.69 5.74 -0.06	86.67 4.98 -0.06	89.60 4.10 0.00	55.24 1.50 0.01	51.16 2.01 0.00	45.32 1.95 0.00	41.15 1.81 0.00
GOWANUS_GT4_7 24136	35.51 2.48 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.10 1.86 -0.01	27.61 1.88 -0.01	28.26 1.95 0.00	31.26 1.88 0.00	34.03 2.34 0.00	38.64 2.88 -0.16	41.06 2.94 0.00	42.63 2.83 0.00	47.39 2.89 0.00	52.52 3.11 0.00	54.21 3.07 0.00	55.38 2.79 0.00	75.78 4.41 -2.41	137.00 5.23 -53.75	92.69 5.74 -0.06	86.67 4.98 -0.06	89.60 4.10 0.00	55.24 1.50 0.01	51.16 2.01 0.00	45.32 1.95 0.00	41.15 1.81 0.00
GOWANUS_GT4_8 24137	35.51 2.48 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.10 1.86 -0.01	27.61 1.88 -0.01	28.26 1.95 0.00	31.26 1.88 0.00	34.03 2.34 0.00	38.64 2.88 -0.16	41.06 2.94 0.00	42.63 2.83 0.00	47.39 2.89 0.00	52.52 3.11 0.00	54.21 3.07 0.00	55.38 2.79 0.00	75.78 4.41 -2.41	137.00 5.23 -53.75	92.69 5.74 -0.06	86.67 4.98 -0.06	89.60 4.10 0.00	55.24 1.50 0.01	51.16 2.01 0.00	45.32 1.95 0.00	41.15 1.81 0.00

GREENBSH_115KV_TB3 55895	33.99 0.96 0.00	29.97 0.79 0.00	28.36 0.83 0.00	27.02 0.79 0.00	26.50 0.77 0.00	27.15 0.84 0.00	30.29 0.91 0.00	32.67 0.98 0.00	36.73 1.03 -0.10	39.08 0.95 0.00	40.80 1.00 0.00	45.30 0.80 0.00	50.35 0.94 0.00	51.96 0.82 0.00	53.28 0.68 0.00	69.92 0.97 0.00	78.95 0.94 0.00	88.02 1.13 0.00	82.69 1.06 0.00	86.35 0.85 0.00	54.17 0.43 0.00	50.17 1.03 0.00	44.24 0.87 0.00	40.13 0.79 0.00
GREENDGE_115KV_TB5 80291	33.19 0.17 0.00	29.91 0.73 0.00	27.98 0.44 0.00	26.57 0.34 0.00	25.81 0.08 0.00	26.76 0.45 0.00	29.97 0.59 0.00	31.94 0.25 0.00	35.55 -0.04 0.01	38.20 0.08 0.00	40.13 0.32 0.00	45.21 0.71 0.00	50.25 0.84 0.00	52.47 1.33 0.00	54.38 1.79 0.00	71.34 2.00 -0.38	80.70 2.34 -0.34	90.24 2.52 -0.83	84.92 2.61 -0.68	89.78 3.08 -1.20	56.27 2.53 0.00	50.27 1.13 0.00	44.15 0.78 0.00	40.09 0.75 0.00
GREENIDGE___3 23582	33.19 0.17 0.00	29.91 0.73 0.00	27.98 0.44 0.00	26.57 0.34 0.00	25.81 0.08 0.00	26.76 0.45 0.00	29.97 0.59 0.00	31.94 0.25 0.00	35.55 -0.04 0.01	38.20 0.08 0.00	40.13 0.32 0.00	45.21 0.71 0.00	50.25 0.84 0.00	52.47 1.33 0.00	54.38 1.79 0.00	71.34 2.00 -0.38	80.70 2.34 -0.34	90.24 2.52 -0.83	84.92 2.61 -0.68	89.78 3.08 -1.20	56.27 2.53 0.00	50.27 1.13 0.00	44.15 0.78 0.00	40.09 0.75 0.00
GREENIDGE___4 23583	33.33 0.30 0.00	29.91 0.73 0.00	27.98 0.44 0.00	26.62 0.39 0.00	25.81 0.08 0.00	26.86 0.55 0.00	30.02 0.65 0.00	31.94 0.25 0.00	35.55 -0.04 0.01	38.20 0.08 0.00	40.25 0.44 0.00	45.16 0.67 0.00	50.35 0.94 0.00	52.52 1.38 0.00	54.65 2.05 0.00	71.40 2.07 -0.38	80.63 2.26 -0.34	90.24 2.52 -0.83	85.00 2.69 -0.68	90.03 3.33 -1.20	56.37 2.63 0.00	50.27 1.13 0.00	44.24 0.87 0.00	40.13 0.79 0.00
GREENLWN_69_KV_BK 3 55738	39.23 2.97 -3.23	38.67 2.45 -7.04	34.11 2.37 -4.20	28.53 2.28 -0.02	28.51 2.26 -0.51	29.33 2.34 -0.67	31.76 2.38 0.00	34.63 2.95 0.00	39.30 3.42 -0.29	41.96 3.70 -0.13	51.90 3.38 -8.71	56.42 3.47 -8.45	59.01 3.41 -6.19	52.70 3.68 2.12	49.95 3.37 6.02	50.67 4.14 22.42	58.54 4.68 24.16	59.19 5.39 33.09	57.91 4.33 28.04	88.67 3.76 0.59	53.86 1.77 1.65	50.95 2.85 1.04	50.69 2.86 -4.45	45.90 2.71 -3.85
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.51 2.48 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.10 1.86 -0.01	27.61 1.88 -0.01	28.26 1.95 0.00	31.26 1.88 0.00	34.03 2.34 0.00	38.64 2.88 -0.16	41.06 2.94 0.00	42.63 2.83 0.00	47.39 2.89 0.00	52.52 3.11 0.00	54.21 3.07 0.00	55.38 2.79 0.00	75.78 4.41 -2.41	137.00 5.23 -53.75	92.69 5.74 -0.06	86.67 4.98 -0.06	89.60 4.10 0.00	55.24 1.50 0.01	51.16 2.01 0.00	45.32 1.95 0.00	41.15 1.81 0.00
GRISSOM___SOLAR 323813	36.70 3.67 0.00	32.30 3.12 0.00	30.49 2.95 0.00	28.96 2.73 0.00	28.35 2.63 0.00	29.07 2.76 0.00	32.61 3.23 0.00	35.23 3.55 0.00	39.63 3.95 -0.08	42.02 3.89 0.00	44.74 4.94 0.00	50.10 5.61 0.00	55.98 6.57 0.00	57.58 6.44 0.00	59.91 7.31 0.00	79.23 10.28 0.00	87.38 9.36 0.00	98.54 11.65 0.00	93.14 11.51 0.00	97.89 12.39 0.00	62.12 8.38 0.00	56.41 7.27 0.00	49.05 5.68 0.00	44.34 5.00 0.00
GROVEVILLE___HYD 323602	35.11 2.08 0.00	30.90 1.72 0.00	29.25 1.71 0.00	27.85 1.63 0.00	27.32 1.60 0.00	27.94 1.63 0.00	31.14 1.76 0.00	33.74 2.06 0.00	37.97 2.31 -0.06	40.61 2.48 0.00	42.28 2.47 0.00	47.21 2.71 0.00	52.52 3.11 0.00	54.31 3.17 0.00	55.44 2.84 0.00	73.51 4.55 0.00	83.09 5.07 0.00	92.37 5.47 0.00	86.77 5.14 0.00	90.37 4.87 0.00	56.11 2.36 0.00	51.80 2.65 0.00	45.67 2.30 0.00	41.35 2.01 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.93 -0.10 0.00	29.18 0.00 0.00	27.46 -0.08 0.00	26.12 -0.10 0.00	25.52 -0.21 0.00	26.21 -0.11 0.00	29.29 -0.09 0.00	31.56 -0.13 0.00	35.42 -0.18 0.00	38.01 -0.11 0.00	39.85 0.04 0.00	44.45 -0.04 0.00	49.31 -0.10 0.00	51.29 0.15 0.00	52.96 0.37 0.00	70.48 0.28 -1.24	79.53 0.39 -1.12	89.95 0.35 -2.71	84.18 0.33 -2.22	89.86 0.43 -3.93	54.22 0.48 0.00	49.29 0.15 0.00	43.59 0.22 0.00	39.50 0.16 0.00
HAMLTNNY_34_KV_TB 80303	33.06 0.03 0.00	29.32 0.15 0.00	27.57 0.03 0.00	26.23 0.00 0.00	25.63 -0.10 0.00	26.34 0.03 0.00	29.44 0.06 0.00	31.68 0.00 0.00	35.60 0.00 0.00	38.20 0.08 0.00	39.97 0.16 0.00	44.81 0.31 0.00	49.76 0.35 0.00	51.75 0.61 0.00	53.49 0.89 0.00	71.20 0.97 -1.28	80.27 1.09 -1.16	90.99 1.30 -2.79	85.15 1.22 -2.29	90.92 1.37 -4.05	54.87 1.13 0.00	49.68 0.54 0.00	43.80 0.43 0.00	39.69 0.35 0.00
HAMPSHIRE___PAPER_HYD 323593	32.70 -0.33 0.00	28.77 -0.41 0.00	27.10 -0.44 0.00	25.86 -0.37 0.00	25.32 -0.41 0.00	25.60 -0.71 0.00	28.62 -0.76 0.00	30.92 -0.76 0.00	34.74 -0.85 0.00	37.21 -0.92 0.00	38.85 -0.96 0.00	43.61 -0.89 0.00	48.32 -1.09 0.00	49.96 -1.17 0.00	51.44 -1.16 0.00	68.11 -1.31 -0.46	77.34 -1.09 -0.42	86.68 -1.22 -1.00	81.64 -0.82 -0.83	86.27 -0.69 -1.46	53.42 -0.32 0.00	48.70 -0.44 0.00	43.16 -0.22 0.00	39.38 0.04 0.00
HARDSCRABBLE_WT_PWR 323673	32.96 -0.07 0.00	29.12 -0.06 0.00	27.48 -0.05 0.00	26.18 -0.05 0.00	25.65 -0.08 0.00	26.28 -0.03 0.00	29.41 0.03 0.00	31.72 0.03 0.00	35.67 0.07 0.00	38.20 0.08 0.00	40.21 0.40 0.00	44.99 0.49 0.00	50.01 0.60 0.00	51.75 0.62 0.00	53.18 0.58 0.00	69.79 0.83 0.00	78.25 0.23 0.00	87.16 0.26 0.00	81.88 0.25 0.00	85.84 0.34 0.00	53.96 0.22 0.00	49.44 0.30 0.00	43.68 0.31 0.00	39.58 0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.71 1.68 0.00	30.55 1.37 0.00	28.92 1.38 0.00	27.54 1.31 0.00	27.04 1.31 0.00	27.68 1.37 0.00	30.85 1.47 0.00	33.43 1.74 0.00	37.27 1.92 0.25	40.15 2.02 0.00	41.88 2.07 0.00	46.76 2.27 0.00	52.03 2.62 0.00	53.85 2.71 0.00	54.81 2.21 0.00	72.82 3.86 0.00	82.31 4.29 0.00	91.24 4.34 0.00	85.63 4.00 0.00	89.09 3.59 0.00	55.35 1.61 0.00	51.06 1.92 0.00	45.06 1.69 0.00	40.80 1.46 0.00
HARSNRAD_115KV_TB1 81005	32.86 -0.17 0.00	29.88 0.70 0.00	27.76 0.22 0.00	26.25 0.03 0.00	25.16 -0.57 0.00	26.52 0.21 0.00	29.67 0.29 0.00	31.02 -0.67 0.00	34.14 -1.46 0.00	36.64 -1.49 0.00	38.41 -1.39 0.00	43.43 -1.07 0.00	48.08 -1.33 0.00	50.17 -0.97 0.00	52.44 -0.16 0.00	67.58 -1.38 0.00	75.91 -2.11 0.00	84.37 -2.52 0.00	79.18 -2.45 0.00	84.22 -1.28 0.00	54.44 0.70 0.00	47.77 -1.38 0.00	42.29 -1.08 0.00	38.75 -0.59 0.00
HARZA MOOSE___RIVER 24016	33.29 0.26 0.00	29.35 0.18 0.00	27.65 0.11 0.00	26.36 0.13 0.00	25.78 0.05 0.00	26.36 0.05 0.00	29.53 0.15 0.00	31.91 0.22 0.00	35.85 0.25 0.00	38.39 0.27 0.00	40.37 0.56 0.00	45.30 0.80 0.00	50.35 0.94 0.00	52.31 1.18 0.00	53.49 0.89 0.00	71.10 1.79 -0.35	80.52 2.18 -0.32	89.75 2.09 -0.77	84.47 2.20 -0.63	89.09 2.48 -1.11	55.46 1.72 0.00	50.37 1.23 0.00	44.41 1.04 0.00	40.28 0.94 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	32.63 -0.40 0.00	28.92 -0.26 0.00	27.21 -0.33 0.00	25.91 -0.31 0.00	25.32 -0.41 0.00	26.02 -0.29 0.00	29.06 -0.32 0.00	31.30 -0.38 0.00	35.17 -0.43 0.00	37.75 -0.38 0.00	39.53 -0.28 0.00	44.32 -0.18 0.00	49.21 -0.20 0.00	51.14 0.00 0.00	52.81 0.21 0.00	69.76 0.14 -0.66	78.78 0.16 -0.60	88.43 0.09 -1.45	82.90 0.08 -1.19	87.77 0.17 -2.10	54.06 0.32 0.00	49.04 -0.10 0.00	43.20 -0.17 0.00	39.18 -0.16 0.00
HELLGATE_13_KV_LD 55870	35.34 2.31 0.00	31.11 1.93 0.00	29.39 1.85 0.00	27.93 1.70 0.00	27.48 1.75 0.00	28.16 1.84 0.00	31.17 1.79 0.00	33.90 2.22 0.00	38.42 2.67 -0.16	40.83 2.71 0.00	42.48 2.67 0.00	47.21 2.71 0.00	52.33 2.92 0.00	53.90 2.76 0.00	55.12 2.52 0.00	72.96 4.00 0.00	82.70 4.68 0.00	92.02 5.13 0.00	86.04 4.41 0.00	89.01 3.51 0.00	54.97 1.24 0.01	50.96 1.82 0.00	45.24 1.86 0.00	41.07 1.73 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.34 2.31 0.00	31.11 1.93 0.00	29.39 1.85 0.00	27.93 1.70 0.00	27.48 1.75 0.00	28.16 1.84 0.00	31.17 1.79 0.00	33.90 2.22 0.00	38.42 2.67 -0.16	40.83 2.71 0.00	42.48 2.67 0.00	47.21 2.71 0.00	52.33 2.92 0.00	53.90 2.76 0.00	55.12 2.52 0.00	72.96 4.00 0.00	82.70 4.68 0.00	92.02 5.13 0.00	86.04 4.41 0.00	89.01 3.51 0.00	54.97 1.24 0.01	50.96 1.82 0.00	45.24 1.86 0.00	41.07 1.73 0.00
HEMPSTEAD____ 23647	38.74 2.48 -3.23	38.37 2.16 -7.04	33.86 2.12 -4.20	28.27 2.02 -0.02	28.25 2.01 -0.51	29.04 2.05 -0.67	31.52 2.14 0.00	34.28 2.60 0.00	38.91 3.02 -0.29	41.46 3.20 -0.13	51.54 3.02 -8.71	56.29 3.34 -8.45	59.63 3.80 -6.41	55.50 3.78 -0.58	57.08 3.47 -1.01	73.71 4.75 0.00	83.02 5.00 0.00	92.89 5.99 0.00	86.78 5.15 0.00	89.94 4.44 0.00	56.00 2.26 0.00	52.74 2.90 -0.70	50.43 2.60 -4.45	45.47 2.28 -3.85
HEWLETT__69_KV_BK3 55828	39.30 3.04 -3.23	38.72 2.51 -7.04	34.17 2.42 -4.20	28.58 2.33 -0.02	28.53 2.29 -0.51	29.35 2.37 -0.67	31.79 2.41 0.00	34.57 2.88 0.00	39.19 3.31 -0.29	41.69 3.43 -0.13	51.82 3.30 -8.71	56.51 3.56 -8.45	59.82 4.00 -6.41	55.75 4.04 -0.58	57.35 3.73 -1.01	73.65 4.69 0.00	83.25 5.23 0.00	92.89 6.00 0.00	86.69 5.06 0.00	90.03 4.53 0.00	56.27 2.53 0.00	52.99 3.15 -0.70	50.82 2.99 -4.45	45.94 2.75 -3.85
HICKLING__1 23621	33.86 0.83 0.00	30.32 1.14 0.00	28.31 0.77 0.00	26.88 0.66 0.00	26.06 0.33 0.00	27.10 0.79 0.00	30.35 0.97 0.00	32.35 0.67 0.00	36.16 0.57 0.01	38.85 0.72 0.00	40.76 0.96 0.00	45.92 1.42 0.00	50.94 1.53 0.00	53.18 2.05 0.00	55.33 2.74 0.00	72.30 2.97 -0.38	81.64 3.28 -0.34	91.28 3.56 -0.82	85.81 3.51 -0.67	90.79 4.10 -1.19	57.02 3.28 0.00	50.91 1.77 0.00	44.85 1.47 0.00	40.80 1.46 0.00
HICKLING__2 23622	33.86 0.83 0.00	30.32 1.14 0.00	28.31 0.77 0.00	26.88 0.66 0.00	26.06 0.33 0.00	27.10 0.79 0.00	30.35 0.97 0.00	32.35 0.67 0.00	36.16 0.57 0.01	38.85 0.72 0.00	40.76 0.96 0.00	45.92 1.42 0.00	50.94 1.53 0.00	53.18 2.05 0.00	55.33 2.74 0.00	72.30 2.97 -0.38	81.64 3.28 -0.34	91.28 3.56 -0.82	85.81 3.51 -0.67	90.79 4.10 -1.19	57.02 3.28 0.00	50.91 1.77 0.00	44.85 1.47 0.00	40.80 1.46 0.00
HIGH FALLS__HY 23754	34.65 1.62 0.00	30.49 1.31 0.00	28.83 1.29 0.00	27.49 1.26 0.00	26.96 1.23 0.00	27.57 1.26 0.00	30.73 1.35 0.00	33.27 1.58 0.00	37.33 1.71 -0.03	39.96 1.83 0.00	41.56 1.75 0.00	46.54 2.05 0.00	51.78 2.37 0.00	53.23 2.10 0.00	54.23 1.63 0.00	72.13 3.17 0.00	81.69 3.67 0.00	90.80 3.91 0.00	85.39 3.76 0.00	89.01 3.51 0.00	55.14 1.40 0.00	51.06 1.92 0.00	45.02 1.65 0.00	40.76 1.42 0.00
HILLBURN__GT 23639	34.55 1.52 0.00	30.46 1.28 0.00	28.86 1.32 0.00	27.46 1.23 0.00	27.01 1.29 0.00	27.57 1.26 0.00	30.76 1.38 0.00	33.36 1.68 0.00	37.24 1.89 0.25	40.07 1.94 0.00	41.84 2.03 0.00	46.72 2.22 0.00	52.03 2.62 0.00	53.79 2.66 0.00	54.91 2.31 0.00	72.61 3.65 0.00	81.61 3.59 0.00	90.89 4.00 0.00	85.22 3.59 0.00	88.57 3.07 0.00	54.98 1.24 0.00	50.76 1.62 0.00	44.72 1.35 0.00	40.48 1.14 0.00
HILLSIDE_115KV_TB1 80332	33.16 0.13 0.00	29.64 0.47 0.00	27.73 0.19 0.00	26.33 0.10 0.00	25.57 -0.15 0.00	26.57 0.26 0.00	29.76 0.38 0.00	31.72 0.03 0.00	35.44 -0.14 0.01	38.05 -0.08 0.00	39.89 0.08 0.00	44.90 0.40 0.00	49.81 0.40 0.00	51.96 0.82 0.00	53.91 1.31 0.00	70.52 1.17 -0.39	79.46 1.09 -0.35	88.87 1.13 -0.85	83.47 1.14 -0.70	88.36 1.62 -1.23	55.41 1.67 0.00	49.58 0.44 0.00	43.76 0.39 0.00	39.77 0.43 0.00
HISHELDN_WT_PWR 323625	33.53 0.50 0.00	30.02 0.85 0.00	27.90 0.36 0.00	26.54 0.32 0.00	25.42 -0.31 0.00	26.94 0.63 0.00	29.97 0.59 0.00	31.50 -0.19 0.00	35.03 -0.57 0.00	37.59 -0.53 0.00	39.57 -0.24 0.00	44.45 -0.04 0.00	49.46 0.05 0.00	51.60 0.46 0.00	53.96 1.37 0.00	69.58 0.62 0.00	78.49 0.47 0.00	86.89 0.00 0.00	81.71 0.08 0.00	86.78 1.28 0.00	55.73 1.99 0.00	49.00 -0.15 0.00	43.46 0.09 0.00	39.73 0.39 0.00
HOLTSVILLE_IC_1 23690	39.43 3.17 -3.23	38.87 2.65 -7.04	34.39 2.64 -4.20	28.79 2.54 -0.02	28.79 2.55 -0.51	29.59 2.61 -0.67	31.99 2.61 0.00	34.95 3.26 0.00	39.62 3.74 -0.29	42.15 3.89 -0.13	52.14 3.62 -8.71	56.87 3.92 -8.46	61.96 4.35 -8.20	67.89 4.19 -12.56	88.64 3.79 -32.26	173.71 5.10 -99.65	190.77 5.38 -107.37	240.59 6.60 -147.09	211.99 5.71 -124.64	92.91 4.79 -2.63	64.99 2.63 -8.62	58.54 3.73 -5.66	51.25 3.43 -4.45	46.26 3.07 -3.85
HOLTSVILLE_IC_10 23699	39.72 3.47 -3.23	39.13 2.92 -7.04	34.63 2.89 -4.20	28.97 2.73 -0.02	28.97 2.73 -0.51	29.80 2.82 -0.67	32.23 2.85 0.00	35.20 3.52 0.00	39.98 4.09 -0.29	42.53 4.27 -0.13	52.53 4.02 -8.71	57.32 4.36 -8.46	62.56 4.85 -8.31	69.23 4.76 -13.34	91.29 4.42 -34.28	180.98 5.93 -106.09	198.65 6.32 -114.31	251.22 7.73 -156.60	221.10 6.77 -132.70	94.19 5.89 -2.80	66.25 3.33 -9.17	60.02 4.33 -6.55	51.73 3.90 -4.45	46.65 3.46 -3.85
HOLTSVILLE_IC_2 23691	39.43 3.17 -3.23	38.87 2.65 -7.04	34.39 2.64 -4.20	28.79 2.54 -0.02	28.79 2.55 -0.51	29.59 2.61 -0.67	31.99 2.61 0.00	34.95 3.26 0.00	39.62 3.74 -0.29	42.15 3.89 -0.13	52.14 3.62 -8.71	56.87 3.92 -8.46	61.96 4.35 -8.20	67.89 4.19 -12.56	88.64 3.79 -32.26	173.71 5.10 -99.65	190.77 5.38 -107.37	240.59 6.60 -147.09	211.99 5.71 -124.64	92.91 4.79 -2.63	64.99 2.63 -8.62	58.54 3.73 -5.66	51.25 3.43 -4.45	46.26 3.07 -3.85
HOLTSVILLE_IC_3 23692	39.43 3.17 -3.23	38.87 2.65 -7.04	34.39 2.64 -4.20	28.79 2.54 -0.02	28.79 2.55 -0.51	29.59 2.61 -0.67	31.99 2.61 0.00	34.95 3.26 0.00	39.62 3.74 -0.29	42.15 3.89 -0.13	52.14 3.62 -8.71	56.87 3.92 -8.46	61.96 4.35 -8.20	67.89 4.19 -12.56	88.64 3.79 -32.26	173.71 5.10 -99.65	190.77 5.38 -107.37	240.59 6.60 -147.09	211.99 5.71 -124.64	92.91 4.79 -2.63	64.99 2.63 -8.62	58.54 3.73 -5.66	51.25 3.43 -4.45	46.26 3.07 -3.85

HOLTSVILLE_IC_4 23693	39.43 3.17 -3.23	38.87 2.65 -7.04	34.39 2.64 -4.20	28.79 2.54 -0.02	28.79 2.55 -0.51	29.59 2.61 -0.67	31.99 2.61 0.00	34.95 3.26 0.00	39.62 3.74 -0.29	42.15 3.89 -0.13	52.14 3.62 -8.71	56.87 3.92 -8.46	61.96 4.35 -8.20	67.89 4.19 -12.56	88.64 3.79 -32.26	173.71 5.10 -99.65	190.77 5.38 -107.37	240.59 6.60 -147.09	211.99 5.71 -124.64	92.91 4.79 -2.63	64.99 2.63 -8.62	58.54 3.73 -5.66	51.25 3.43 -4.45	46.26 3.07 -3.85
HOLTSVILLE_IC_5 23694	39.43 3.17 -3.23	38.87 2.65 -7.04	34.39 2.64 -4.20	28.79 2.54 -0.02	28.79 2.55 -0.51	29.59 2.61 -0.67	31.99 2.61 0.00	34.95 3.26 0.00	39.62 3.74 -0.29	42.15 3.89 -0.13	52.14 3.62 -8.71	56.87 3.92 -8.46	61.96 4.35 -8.20	67.89 4.19 -12.56	88.64 3.79 -32.26	173.71 5.10 -99.65	190.77 5.38 -107.37	240.59 6.60 -147.09	211.99 5.71 -124.64	92.91 4.79 -2.63	64.99 2.63 -8.62	58.54 3.73 -5.66	51.25 3.43 -4.45	46.26 3.07 -3.85
HOLTSVILLE_IC_6 23695	39.72 3.47 -3.23	39.13 2.92 -7.04	34.63 2.89 -4.20	28.97 2.73 -0.02	28.97 2.73 -0.51	29.80 2.82 -0.67	32.23 2.85 0.00	35.20 3.52 0.00	39.98 4.09 -0.29	42.53 4.27 -0.13	52.53 4.02 -8.71	57.32 4.36 -8.46	62.56 4.85 -8.31	69.23 4.76 -13.34	91.29 4.42 -34.28	180.98 5.93 -106.09	198.65 6.32 -114.31	251.22 7.73 -156.60	221.10 6.77 -132.70	94.19 5.89 -2.80	66.25 3.33 -9.17	60.02 4.33 -6.55	51.73 3.90 -4.45	46.65 3.46 -3.85
HOLTSVILLE_IC_7 23696	39.72 3.47 -3.23	39.13 2.92 -7.04	34.63 2.89 -4.20	28.97 2.73 -0.02	28.97 2.73 -0.51	29.80 2.82 -0.67	32.23 2.85 0.00	35.20 3.52 0.00	39.98 4.09 -0.29	42.53 4.27 -0.13	52.53 4.02 -8.71	57.32 4.36 -8.46	62.56 4.85 -8.31	69.23 4.76 -13.34	91.29 4.42 -34.28	180.98 5.93 -106.09	198.65 6.32 -114.31	251.22 7.73 -156.60	221.10 6.77 -132.70	94.19 5.89 -2.80	66.25 3.33 -9.17	60.02 4.33 -6.55	51.73 3.90 -4.45	46.65 3.46 -3.85
HOLTSVILLE_IC_8 23697	39.72 3.47 -3.23	39.13 2.92 -7.04	34.63 2.89 -4.20	28.97 2.73 -0.02	28.97 2.73 -0.51	29.80 2.82 -0.67	32.23 2.85 0.00	35.20 3.52 0.00	39.98 4.09 -0.29	42.53 4.27 -0.13	52.53 4.02 -8.71	57.32 4.36 -8.46	62.56 4.85 -8.31	69.23 4.76 -13.34	91.29 4.42 -34.28	180.98 5.93 -106.09	198.65 6.32 -114.31	251.22 7.73 -156.60	221.10 6.77 -132.70	94.19 5.89 -2.80	66.25 3.33 -9.17	60.02 4.33 -6.55	51.73 3.90 -4.45	46.65 3.46 -3.85
HOLTSVILLE_IC_9 23698	39.72 3.47 -3.23	39.13 2.92 -7.04	34.63 2.89 -4.20	28.97 2.73 -0.02	28.97 2.73 -0.51	29.80 2.82 -0.67	32.23 2.85 0.00	35.20 3.52 0.00	39.98 4.09 -0.29	42.53 4.27 -0.13	52.53 4.02 -8.71	57.32 4.36 -8.46	62.56 4.85 -8.31	69.23 4.76 -13.34	91.29 4.42 -34.28	180.98 5.93 -106.09	198.65 6.32 -114.31	251.22 7.73 -156.60	221.10 6.77 -132.70	94.19 5.89 -2.80	66.25 3.33 -9.17	60.02 4.33 -6.55	51.73 3.90 -4.45	46.65 3.46 -3.85
HOMER_HL_115KV_TB2 355744	33.29 0.26 0.00	30.02 0.85 0.00	27.87 0.33 0.00	26.44 0.21 0.00	25.50 -0.23 0.00	26.76 0.45 0.00	30.06 0.68 0.00	31.75 0.06 0.00	35.03 -0.57 0.00	37.59 -0.53 0.00	39.37 -0.44 0.00	44.45 -0.04 0.00	49.21 -0.20 0.00	51.50 0.36 0.00	53.86 1.26 0.00	69.37 0.41 0.00	78.10 0.08 0.00	86.89 0.00 0.00	81.71 0.08 0.00	86.35 0.85 0.00	55.41 1.67 0.00	48.85 -0.29 0.00	43.20 -0.17 0.00	39.42 0.08 0.00
HOWARD_WT_PWR 323690	34.25 1.22 0.00	30.58 1.40 0.00	28.48 0.94 0.00	27.12 0.89 0.00	26.14 0.41 0.00	27.47 1.16 0.00	30.64 1.26 0.00	32.32 0.63 0.00	35.98 0.39 0.01	38.66 0.53 0.00	40.76 0.95 0.00	45.74 1.24 0.00	50.99 1.58 0.00	53.23 2.10 0.00	55.65 3.05 0.00	72.19 2.96 -0.27	81.39 3.12 -0.24	90.86 3.39 -0.58	85.54 3.43 -0.48	90.79 4.44 -0.85	57.45 3.71 0.00	50.81 1.67 0.00	44.93 1.56 0.00	40.87 1.53 0.00
HQ_GEN_CEDARS 23644	32.86 -0.17 0.00	28.92 -0.26 0.00	27.29 -0.25 0.00	26.02 -0.21 0.00	25.60 -0.13 0.00	25.89 -0.42 0.00	28.88 -0.50 0.00	31.24 -0.44 0.00	35.13 -0.46 0.00	37.67 -0.46 0.00	39.21 -0.60 0.00	43.87 -0.62 0.00	48.72 -0.69 0.00	50.22 -0.92 0.00	51.76 -0.84 0.00	68.13 -0.83 0.00	77.39 -0.62 0.00	85.85 -1.04 0.00	80.73 -0.90 0.00	84.47 -1.03 0.00	53.20 -0.54 0.00	48.70 -0.44 0.00	43.07 -0.30 0.00	39.18 -0.16 0.00
HQ_GEN_CEDARS_PROXY 323590	32.87 -0.16 0.00	28.91 -0.26 0.00	27.29 -0.25 0.00	26.02 -0.21 0.00	25.60 -0.13 0.00	25.89 -0.42 0.00	28.88 -0.50 0.00	31.24 -0.44 0.00	35.13 -0.46 0.00	37.67 -0.46 0.00	39.21 -0.60 0.00	43.87 -0.62 0.00	48.47 -0.94 0.00	50.06 -1.08 0.00	53.41 -1.00 -1.81	66.11 -1.03 1.81	77.00 -1.02 0.00	85.50 -1.39 0.00	80.49 -1.14 0.00	76.99 -1.37 7.14	60.08 -0.80 -7.14	48.60 -0.54 0.00	43.02 -0.35 0.00	39.18 -0.16 0.00
HQ_GEN_IMPORT 323601	32.80 -0.23 0.00	28.91 -0.26 0.00	27.29 -0.25 0.00	25.99 -0.24 0.00	25.60 -0.13 0.00	26.05 -0.26 0.00	29.09 -0.29 0.00	31.40 -0.29 0.00	35.31 -0.29 0.00	37.82 -0.31 0.00	39.41 -0.40 0.00	44.09 -0.40 0.00	48.82 -0.59 0.00	50.47 -0.67 0.00	53.72 -0.69 -1.81	66.32 -0.82 1.81	77.16 -0.86 0.00	85.94 -0.95 0.00	80.74 -0.90 0.00	77.34 -1.02 7.14	60.24 -0.64 -7.14	48.70 -0.44 0.00	43.02 -0.35 0.00	39.07 -0.27 0.00
HQ_GEN_WHEEL 23651	32.80 -0.23 0.00	28.91 -0.26 0.00	27.29 -0.25 0.00	25.99 -0.24 0.00	25.60 -0.13 0.00	26.05 -0.26 0.00	29.09 -0.29 0.00	31.40 -0.29 0.00	35.31 -0.29 0.00	37.82 -0.31 0.00	39.41 -0.40 0.00	44.09 -0.40 0.00	48.82 -0.59 0.00	50.47 -0.67 0.00	53.72 -0.69 -1.81	66.32 -0.82 1.81	77.16 -0.86 0.00	85.94 -0.95 0.00	80.74 -0.90 0.00	77.34 -1.02 7.14	60.24 -0.64 -7.14	48.70 -0.44 0.00	43.02 -0.35 0.00	39.07 -0.27 0.00
HUDSON_AVE_GT_3 23810	35.24 2.21 0.00	30.99 1.81 0.00	29.30 1.76 0.00	27.91 1.68 0.00	27.40 1.67 0.00	28.05 1.74 0.00	31.23 1.85 0.00	33.97 2.28 0.00	38.42 2.67 -0.16	40.91 2.78 0.00	42.51 2.71 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.36 3.22 0.00	55.38 2.79 0.00	73.30 4.34 0.00	82.93 4.92 0.00	92.28 5.39 0.00	86.45 4.82 0.00	89.77 4.27 0.00	55.41 1.67 0.00	51.30 2.16 0.00	45.41 2.04 0.00	41.11 1.77 0.00
HUDSON_AVE_GT_4 23540	35.24 2.21 0.00	30.99 1.81 0.00	29.30 1.76 0.00	27.91 1.68 0.00	27.40 1.67 0.00	28.05 1.74 0.00	31.23 1.85 0.00	33.97 2.28 0.00	38.42 2.67 -0.16	40.91 2.78 0.00	42.51 2.71 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.36 3.22 0.00	55.38 2.79 0.00	73.30 4.34 0.00	82.93 4.92 0.00	92.28 5.39 0.00	86.45 4.82 0.00	89.77 4.27 0.00	55.41 1.67 0.00	51.30 2.16 0.00	45.41 2.04 0.00	41.11 1.77 0.00
HUDSON_AVE_GT_5 23657	35.24 2.21 0.00	30.99 1.81 0.00	29.30 1.76 0.00	27.91 1.68 0.00	27.40 1.67 0.00	28.05 1.74 0.00	31.23 1.85 0.00	33.97 2.28 0.00	38.42 2.67 -0.16	40.91 2.78 0.00	42.51 2.71 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.36 3.22 0.00	55.38 2.79 0.00	73.30 4.34 0.00	82.93 4.92 0.00	92.28 5.39 0.00	86.45 4.82 0.00	89.77 4.27 0.00	55.41 1.67 0.00	51.30 2.16 0.00	45.41 2.04 0.00	41.11 1.77 0.00

HUDSON_AVE_10 24168	35.18 2.15 0.00	30.93 1.75 0.00	29.22 1.68 0.00	27.83 1.60 0.00	27.32 1.60 0.00	28.00 1.68 0.00	31.17 1.79 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.83 2.71 0.00	42.40 2.59 0.00	47.25 2.76 0.00	52.47 3.06 0.00	54.21 3.07 0.00	55.28 2.68 0.00	73.16 4.21 0.00	82.78 4.76 0.00	92.11 5.21 0.00	86.28 4.65 0.00	89.60 4.10 0.00	55.25 1.50 0.00	51.16 2.01 0.00	45.32 1.95 0.00	41.03 1.69 0.00
HUDSON___115KV_TB 4 355613	34.68 1.65 0.00	30.55 1.37 0.00	28.92 1.38 0.00	27.49 1.26 0.00	26.96 1.23 0.00	27.60 1.29 0.00	30.88 1.50 0.00	33.30 1.62 0.00	37.29 1.60 -0.09	39.65 1.53 0.00	41.40 1.59 0.00	45.92 1.42 0.00	51.14 1.73 0.00	52.82 1.69 0.00	54.28 1.68 0.00	71.23 2.28 0.00	80.52 2.50 0.00	89.85 2.95 0.00	84.90 3.27 0.00	88.66 3.16 0.00	55.78 2.04 0.00	51.70 2.56 0.00	45.37 2.00 0.00	41.15 1.81 0.00
HUNTER MOUNT___DRP 323613	34.88 1.85 0.00	30.69 1.52 0.00	29.05 1.51 0.00	27.62 1.39 0.00	27.07 1.34 0.00	27.73 1.42 0.00	31.05 1.67 0.00	33.49 1.81 0.00	37.46 1.78 -0.09	39.88 1.75 0.00	41.56 1.75 0.00	46.05 1.56 0.00	51.29 1.88 0.00	53.03 1.89 0.00	54.54 1.95 0.00	71.65 2.69 0.00	80.98 2.96 0.00	90.28 3.39 0.00	85.47 3.84 0.00	89.35 3.85 0.00	56.32 2.58 0.00	52.24 3.10 0.00	45.80 2.43 0.00	41.54 2.20 0.00
HUNTINGTON_RES_REC 323705	39.46 3.20 -3.23	38.93 2.71 -7.04	34.39 2.64 -4.20	28.74 2.49 -0.02	28.74 2.49 -0.51	29.54 2.55 -0.67	32.02 2.65 0.00	34.95 3.26 0.00	39.66 3.77 -0.29	42.34 4.08 -0.13	52.22 3.70 -8.71	56.81 3.87 -8.45	59.99 4.15 -6.43	86.28 4.40 -30.74	136.37 4.15 -79.62	325.23 5.58 -250.69	353.98 5.85 -270.11	464.12 7.21 -370.02	401.47 6.29 -313.56	97.42 5.30 -6.62	71.36 2.95 -14.66	63.66 3.64 -10.88	51.38 3.56 -4.45	46.42 3.23 -3.85
HUNTLEY___63 23557	33.19 0.17 0.00	29.99 0.82 0.00	27.84 0.30 0.00	26.33 0.10 0.00	25.24 -0.49 0.00	26.63 0.32 0.00	29.82 0.44 0.00	31.24 -0.44 0.00	34.71 -0.89 0.00	37.25 -0.88 0.00	38.93 -0.88 0.00	43.92 -0.58 0.00	48.67 -0.74 0.00	50.83 -0.31 0.00	53.07 0.47 0.00	68.47 -0.48 0.00	77.00 -1.01 0.00	85.50 -1.39 0.00	80.24 -1.39 0.00	85.33 -0.17 0.00	55.03 1.29 0.00	48.21 -0.93 0.00	42.81 -0.56 0.00	39.22 -0.12 0.00
HUNTLEY___64 23558	33.19 0.17 0.00	29.99 0.82 0.00	27.84 0.30 0.00	26.33 0.10 0.00	25.24 -0.49 0.00	26.63 0.32 0.00	29.82 0.44 0.00	31.24 -0.44 0.00	34.71 -0.89 0.00	37.25 -0.88 0.00	38.93 -0.88 0.00	43.92 -0.58 0.00	48.67 -0.74 0.00	50.83 -0.31 0.00	53.07 0.47 0.00	68.47 -0.48 0.00	77.00 -1.01 0.00	85.50 -1.39 0.00	80.24 -1.39 0.00	85.33 -0.17 0.00	55.03 1.29 0.00	48.21 -0.93 0.00	42.81 -0.56 0.00	39.22 -0.12 0.00
HUNTLEY___65 23559	33.19 0.17 0.00	29.99 0.82 0.00	27.84 0.30 0.00	26.33 0.10 0.00	25.24 -0.49 0.00	26.63 0.32 0.00	29.82 0.44 0.00	31.24 -0.44 0.00	34.71 -0.89 0.00	37.25 -0.88 0.00	38.93 -0.88 0.00	43.92 -0.58 0.00	48.67 -0.74 0.00	50.83 -0.31 0.00	53.07 0.47 0.00	68.47 -0.48 0.00	77.00 -1.01 0.00	85.50 -1.39 0.00	80.24 -1.39 0.00	85.33 -0.17 0.00	55.03 1.29 0.00	48.21 -0.93 0.00	42.81 -0.56 0.00	39.22 -0.12 0.00
HUNTLEY___66 23560	33.19 0.17 0.00	29.99 0.82 0.00	27.84 0.30 0.00	26.33 0.10 0.00	25.24 -0.49 0.00	26.63 0.32 0.00	29.82 0.44 0.00	31.24 -0.44 0.00	34.71 -0.89 0.00	37.25 -0.88 0.00	38.93 -0.88 0.00	43.92 -0.58 0.00	48.67 -0.74 0.00	50.83 -0.31 0.00	53.07 0.47 0.00	68.47 -0.48 0.00	77.00 -1.01 0.00	85.50 -1.39 0.00	80.24 -1.39 0.00	85.33 -0.17 0.00	55.03 1.29 0.00	48.21 -0.93 0.00	42.81 -0.56 0.00	39.22 -0.12 0.00
HUNTLEY___67 23561	32.90 -0.13 0.00	29.76 0.58 0.00	27.68 0.14 0.00	26.18 -0.05 0.00	25.11 -0.62 0.00	26.47 0.16 0.00	29.64 0.26 0.00	31.11 -0.57 0.00	34.56 -1.03 0.00	37.14 -0.99 0.00	38.89 -0.92 0.00	43.96 -0.53 0.00	48.72 -0.69 0.00	50.83 -0.31 0.00	53.12 0.53 0.00	68.54 -0.41 0.00	77.00 -1.01 0.00	85.59 -1.30 0.00	80.33 -1.31 0.00	85.33 -0.17 0.00	55.03 1.29 0.00	48.31 -0.84 0.00	42.76 -0.61 0.00	39.18 -0.16 0.00
HUNTLEY___68 23562	32.90 -0.13 0.00	29.76 0.58 0.00	27.68 0.14 0.00	26.18 -0.05 0.00	25.11 -0.62 0.00	26.47 0.16 0.00	29.64 0.26 0.00	31.11 -0.57 0.00	34.56 -1.03 0.00	37.14 -0.99 0.00	38.89 -0.92 0.00	43.96 -0.53 0.00	48.72 -0.69 0.00	50.83 -0.31 0.00	53.12 0.53 0.00	68.54 -0.41 0.00	77.00 -1.01 0.00	85.59 -1.30 0.00	80.33 -1.31 0.00	85.33 -0.17 0.00	55.03 1.29 0.00	48.31 -0.84 0.00	42.76 -0.61 0.00	39.18 -0.16 0.00
HYLAND___LFGE 323620	35.28 2.25 0.00	31.45 2.28 0.00	29.25 1.71 0.00	27.86 1.63 0.00	26.73 1.00 0.00	28.05 1.74 0.00	31.11 1.73 0.00	31.62 -0.06 0.00	34.74 -0.85 0.00	36.87 -1.26 0.00	38.34 -1.47 0.00	40.58 -3.92 0.00	45.06 -4.35 0.00	46.69 -4.45 0.00	48.71 -3.89 0.00	63.30 -5.65 0.00	72.79 -5.23 0.00	82.55 -4.34 0.00	79.35 -2.29 0.00	84.99 -0.51 0.00	55.24 1.50 0.00	49.00 -0.15 0.00	45.54 2.17 0.00	41.27 1.93 0.00
INDECK___CORINTH 23802	34.88 1.85 0.00	30.72 1.55 0.00	29.08 1.54 0.00	27.59 1.36 0.00	27.09 1.36 0.00	27.70 1.39 0.00	30.99 1.61 0.00	33.59 1.90 0.00	37.97 2.28 -0.10	40.53 2.40 0.00	42.24 2.43 0.00	47.26 2.76 0.00	52.67 3.26 0.00	53.85 2.71 0.00	55.75 3.16 0.00	73.02 4.07 0.00	82.39 4.37 0.00	92.11 5.21 0.00	87.18 5.55 0.00	91.05 5.55 0.00	57.50 3.76 0.00	53.17 4.03 0.00	46.45 3.08 0.00	42.09 2.75 0.00
INDECK___ILION 23567	33.06 0.03 0.00	29.21 0.03 0.00	27.57 0.03 0.00	26.25 0.03 0.00	25.73 0.00 0.00	26.34 0.03 0.00	29.44 0.06 0.00	31.78 0.10 0.00	35.70 0.11 0.00	38.24 0.11 0.00	40.09 0.28 0.00	44.85 0.36 0.00	49.81 0.40 0.00	51.60 0.46 0.00	52.75 0.16 0.00	69.58 0.62 0.00	78.72 0.70 0.00	87.24 0.35 0.00	81.96 0.33 0.00	85.93 0.43 0.00	54.01 0.27 0.00	49.39 0.25 0.00	43.59 0.22 0.00	39.54 0.20 0.00
INDECK___OLEAN 23982	33.53 0.50 0.00	30.02 0.85 0.00	27.87 0.33 0.00	26.52 0.29 0.00	25.50 -0.23 0.00	26.99 0.68 0.00	30.08 0.70 0.00	31.75 0.06 0.00	35.03 -0.57 0.00	37.59 -0.53 0.00	39.49 -0.32 0.00	44.41 -0.09 0.00	49.41 0.00 0.00	51.60 0.46 0.00	54.07 1.47 0.00	69.51 0.55 0.00	78.49 0.47 0.00	86.98 0.09 0.00	81.79 0.16 0.00	86.70 1.20 0.00	55.51 1.77 0.00	48.85 -0.29 0.00	43.28 -0.09 0.00	39.50 0.16 0.00
INDECK___OSWEGO 23783	32.30 -0.73 0.00	28.56 -0.61 0.00	26.91 -0.63 0.00	25.63 -0.60 0.00	25.03 -0.69 0.00	25.73 -0.58 0.00	28.73 -0.65 0.00	30.92 -0.76 0.00	34.49 -1.10 0.00	36.95 -1.18 0.00	38.69 -1.11 0.00	43.30 -1.20 0.00	48.13 -1.28 0.00	49.96 -1.17 0.00	51.55 -1.05 0.00	70.32 -1.58 -2.94	78.96 -1.72 -2.66	91.39 -1.91 -6.41	85.18 -1.72 -5.27	93.19 -1.63 -9.31	52.88 -0.86 0.00	48.01 -1.13 0.00	42.33 -1.04 0.00	38.40 -0.94 0.00

INDECK___YERKES 23781	33.49 0.46 0.00	30.02 0.85 0.00	27.87 0.33 0.00	26.52 0.29 0.00	25.27 -0.46 0.00	26.94 0.63 0.00	29.88 0.50 0.00	31.27 -0.41 0.00	34.74 -0.85 0.00	37.33 -0.80 0.00	39.17 -0.64 0.00	43.83 -0.67 0.00	48.77 -0.64 0.00	50.88 -0.25 0.00	53.28 0.68 0.00	68.55 -0.41 0.00	77.32 -0.70 0.00	85.42 -1.48 0.00	80.32 -1.31 0.00	85.50 0.00 0.00	55.08 1.34 0.00	48.21 -0.94 0.00	42.85 -0.52 0.00	39.50 0.16 0.00
INDIAN POINT_GT_1 24139	34.85 1.82 0.00	30.67 1.49 0.00	29.03 1.49 0.00	27.67 1.44 0.00	27.17 1.44 0.00	27.78 1.47 0.00	30.97 1.59 0.00	33.55 1.87 0.00	37.88 2.14 -0.15	40.38 2.25 0.00	42.08 2.27 0.00	46.90 2.40 0.00	52.08 2.67 0.00	53.85 2.71 0.00	54.96 2.37 0.00	72.61 3.65 0.00	82.08 4.06 0.00	91.41 4.52 0.00	85.63 4.00 0.00	89.09 3.59 0.00	55.25 1.50 0.00	51.06 1.92 0.00	45.11 1.73 0.00	40.80 1.46 0.00
INDIAN POINT_GT_2 23659	34.85 1.82 0.00	30.67 1.49 0.00	29.03 1.49 0.00	27.67 1.44 0.00	27.17 1.44 0.00	27.78 1.47 0.00	30.97 1.59 0.00	33.55 1.87 0.00	37.88 2.14 -0.15	40.38 2.25 0.00	42.08 2.27 0.00	46.90 2.40 0.00	52.08 2.67 0.00	53.85 2.71 0.00	54.96 2.37 0.00	72.61 3.65 0.00	82.08 4.06 0.00	91.41 4.52 0.00	85.63 4.00 0.00	89.09 3.59 0.00	55.25 1.50 0.00	51.06 1.92 0.00	45.11 1.73 0.00	40.80 1.46 0.00
INDIAN POINT_GT_3 24019	34.85 1.82 0.00	30.67 1.49 0.00	29.03 1.49 0.00	27.67 1.44 0.00	27.17 1.44 0.00	27.78 1.47 0.00	30.97 1.59 0.00	33.55 1.87 0.00	37.88 2.14 -0.15	40.38 2.25 0.00	42.08 2.27 0.00	46.90 2.40 0.00	52.08 2.67 0.00	53.85 2.71 0.00	54.96 2.37 0.00	72.61 3.65 0.00	82.08 4.06 0.00	91.41 4.52 0.00	85.63 4.00 0.00	89.09 3.59 0.00	55.25 1.50 0.00	51.06 1.92 0.00	45.11 1.73 0.00	40.80 1.46 0.00
INDIAN POINT___2 23530	34.68 1.65 0.00	30.61 1.43 0.00	28.97 1.43 0.00	27.59 1.36 0.00	27.12 1.39 0.00	27.70 1.39 0.00	30.88 1.50 0.00	33.49 1.81 0.00	37.79 2.06 -0.13	40.30 2.17 0.00	41.88 2.07 0.00	46.76 2.27 0.00	52.08 2.67 0.00	53.79 2.66 0.00	54.91 2.31 0.00	72.61 3.65 0.00	81.92 3.90 0.00	91.32 4.43 0.00	85.63 4.00 0.00	89.01 3.51 0.00	55.19 1.45 0.00	50.96 1.82 0.00	44.93 1.56 0.00	40.68 1.34 0.00
INDIAN POINT___3 23531	34.78 1.75 0.00	30.64 1.46 0.00	29.00 1.46 0.00	27.64 1.42 0.00	27.14 1.42 0.00	27.76 1.45 0.00	30.91 1.53 0.00	33.49 1.81 0.00	37.81 2.06 -0.14	40.26 2.14 0.00	41.92 2.11 0.00	46.76 2.27 0.00	51.93 2.52 0.00	53.69 2.56 0.00	54.81 2.21 0.00	72.34 3.38 0.00	81.76 3.74 0.00	90.98 4.08 0.00	85.30 3.67 0.00	88.75 3.25 0.00	55.03 1.29 0.00	50.91 1.77 0.00	44.98 1.60 0.00	40.72 1.38 0.00
INGHAM_C_115KV_TB7 356103	32.90 -0.13 0.00	29.09 -0.09 0.00	27.46 -0.08 0.00	26.15 -0.08 0.00	25.63 -0.10 0.00	26.26 -0.05 0.00	29.35 -0.03 0.00	31.68 0.00 0.00	35.60 0.00 0.00	38.13 0.00 0.00	40.13 0.32 0.00	44.90 0.40 0.00	49.86 0.44 0.00	51.60 0.46 0.00	52.60 0.00 0.00	69.51 0.55 0.00	78.72 0.70 0.00	86.89 0.00 0.00	81.63 0.00 0.00	85.59 0.09 0.00	53.85 0.11 0.00	49.34 0.20 0.00	43.59 0.22 0.00	39.54 0.20 0.00
IP CORINTH___1 23988	35.11 2.08 0.00	30.90 1.72 0.00	29.25 1.71 0.00	27.78 1.55 0.00	27.22 1.49 0.00	27.86 1.55 0.00	31.17 1.79 0.00	33.78 2.09 0.00	38.19 2.49 -0.10	40.72 2.59 0.00	42.48 2.67 0.00	47.52 3.03 0.00	52.87 3.46 0.00	54.10 2.97 0.00	55.91 3.31 0.00	73.30 4.34 0.00	82.86 4.84 0.00	92.46 5.56 0.00	87.51 5.88 0.00	91.40 5.90 0.00	57.66 3.92 0.00	53.42 4.28 0.00	46.71 3.34 0.00	42.33 2.99 0.00
IP___TICONDEROGA 23804	37.09 4.06 0.00	32.56 3.38 0.00	30.82 3.28 0.00	29.19 2.96 0.00	28.58 2.86 0.00	29.31 3.00 0.00	32.85 3.47 0.00	35.77 4.09 0.00	40.53 4.84 -0.10	43.28 5.15 0.00	45.50 5.69 0.00	51.17 6.67 0.00	57.12 7.71 0.00	58.45 7.31 0.00	60.85 8.26 0.00	79.71 10.76 0.00	90.19 12.17 0.00	100.80 13.90 0.00	95.35 13.71 0.00	99.61 14.11 0.00	63.25 9.51 0.00	58.09 8.94 0.00	50.31 6.94 0.00	45.56 6.22 0.00
ISLIP_RES_REC 323679	39.95 3.70 -3.23	39.34 3.12 -7.04	34.80 3.06 -4.20	29.16 2.91 -0.02	29.15 2.91 -0.51	29.96 2.97 -0.67	32.43 3.06 0.00	35.45 3.77 0.00	40.26 4.38 -0.29	42.87 4.61 -0.13	52.93 4.42 -8.71	57.85 4.89 -8.46	63.41 5.44 -8.56	68.70 5.37 -12.20	89.01 5.10 -31.31	172.27 6.69 -96.62	189.39 7.26 -104.11	238.29 8.77 -142.62	210.16 7.67 -120.86	94.89 6.84 -2.55	66.68 3.92 -9.02	60.71 4.82 -6.75	52.12 4.29 -4.45	46.97 3.78 -3.85
JAMAICA__27_KV_LOAD 355505	35.44 2.41 0.00	31.13 1.95 0.00	29.38 1.85 0.00	27.93 1.70 0.00	27.45 1.72 0.00	28.13 1.82 0.00	31.35 1.97 0.00	34.12 2.44 0.00	38.67 2.92 -0.16	41.18 3.05 0.00	42.59 2.79 0.00	47.52 3.03 0.00	52.77 3.36 0.00	54.51 3.38 0.00	55.59 3.00 0.00	73.78 4.83 0.00	83.56 5.54 0.00	92.98 6.08 0.00	87.10 5.47 0.00	90.46 4.96 0.00	55.68 1.93 0.00	51.50 2.36 0.00	45.76 2.39 0.00	41.39 2.05 0.00
JANIS___SOLAR 323808	34.55 1.52 0.00	30.58 1.40 0.00	28.67 1.13 0.00	27.36 1.13 0.00	26.63 0.90 0.00	27.50 1.19 0.00	30.82 1.44 0.00	33.05 1.36 0.00	36.87 1.28 0.01	39.42 1.30 0.00	41.36 1.55 0.00	46.36 1.87 0.00	51.64 2.23 0.00	54.00 2.86 0.00	55.75 3.16 0.00	73.68 4.14 -0.59	83.47 4.92 -0.53	94.17 5.99 -1.29	89.06 6.37 -1.06	94.80 7.43 -1.87	58.85 5.11 0.00	52.88 3.73 0.00	46.41 3.03 0.00	42.02 2.68 0.00
JARVIS____ 23743	33.06 0.03 0.00	29.21 0.03 0.00	27.57 0.03 0.00	26.25 0.03 0.00	25.75 0.03 0.00	26.36 0.05 0.00	29.44 0.06 0.00	31.75 0.06 0.00	35.63 0.04 0.00	38.17 0.04 0.00	39.89 0.08 0.00	44.58 0.09 0.00	49.56 0.15 0.00	51.29 0.15 0.00	52.75 0.16 0.00	69.16 0.21 0.00	78.18 0.16 0.00	87.07 0.17 0.00	81.79 0.16 0.00	85.67 0.17 0.00	53.85 0.11 0.00	49.24 0.10 0.00	43.46 0.09 0.00	39.38 0.04 0.00
JENNISON___1 23625	34.68 1.65 0.00	30.69 1.52 0.00	28.83 1.29 0.00	27.51 1.29 0.00	26.81 1.08 0.00	27.60 1.29 0.00	31.02 1.65 0.00	33.36 1.68 0.00	37.36 1.78 0.01	40.03 1.91 0.00	42.12 2.31 0.00	47.30 2.80 0.00	52.52 3.11 0.00	55.02 3.89 0.00	56.28 3.68 0.00	74.75 5.38 -0.42	84.64 6.24 -0.38	94.49 6.69 -0.91	88.99 6.61 -0.74	94.25 7.44 -1.32	58.74 5.00 0.00	52.88 3.73 0.00	46.54 3.17 0.00	42.17 2.83 0.00
JENNISON___2 23626	34.68 1.65 0.00	30.69 1.52 0.00	28.83 1.29 0.00	27.51 1.29 0.00	26.81 1.08 0.00	27.60 1.29 0.00	31.02 1.65 0.00	33.36 1.68 0.00	37.36 1.78 0.01	40.03 1.91 0.00	42.12 2.31 0.00	47.30 2.80 0.00	52.52 3.11 0.00	55.02 3.89 0.00	56.28 3.68 0.00	74.75 5.38 -0.42	84.64 6.24 -0.38	94.49 6.69 -0.91	88.99 6.61 -0.74	94.25 7.44 -1.32	58.74 5.00 0.00	52.88 3.73 0.00	46.54 3.17 0.00	42.17 2.83 0.00

JERICO_RISE_WT_PWR 323719	32.96 -0.07 0.00	29.00 -0.17 0.00	27.37 -0.16 0.00	26.07 -0.16 0.00	25.70 -0.03 0.00	26.07 -0.24 0.00	29.14 -0.24 0.00	31.53 -0.16 0.00	35.52 -0.07 0.00	38.09 -0.04 0.00	39.53 -0.28 0.00	44.23 -0.27 0.00	48.47 -0.94 0.00	49.91 -1.23 0.00	51.23 -1.37 0.00	67.16 -1.79 0.00	76.38 -1.64 0.00	84.90 -2.00 0.00	79.91 -1.72 0.00	83.62 -1.88 0.00	52.56 -1.18 0.00	48.60 -0.54 0.00	43.37 0.00 0.00	39.30 -0.04 0.00
KATONAH__115KV_46KV_TB4 355592	35.08 2.05 0.00	30.87 1.69 0.00	29.25 1.71 0.00	27.85 1.63 0.00	27.32 1.60 0.00	27.94 1.63 0.00	31.17 1.79 0.00	33.81 2.12 0.00	38.32 2.56 -0.16	40.87 2.75 0.00	42.71 2.91 0.00	47.61 3.11 0.00	52.92 3.51 0.00	54.67 3.53 0.00	55.91 3.31 0.00	73.85 4.90 0.00	83.48 5.46 0.00	93.06 6.17 0.00	87.18 5.55 0.00	90.72 5.22 0.00	56.21 2.47 0.00	51.89 2.75 0.00	45.71 2.34 0.00	41.19 1.85 0.00
KCE_NY_1 323755	35.18 2.15 0.00	31.02 1.84 0.00	29.36 1.82 0.00	27.88 1.65 0.00	27.35 1.62 0.00	27.97 1.66 0.00	31.23 1.85 0.00	33.78 2.09 0.00	38.15 2.45 -0.10	40.64 2.52 0.00	42.52 2.71 0.00	47.56 3.07 0.00	52.97 3.56 0.00	54.46 3.32 0.00	56.18 3.58 0.00	73.65 4.69 0.00	83.09 5.07 0.00	92.81 5.91 0.00	87.34 5.71 0.00	91.32 5.82 0.00	57.56 3.82 0.00	52.98 3.84 0.00	46.45 3.08 0.00	42.09 2.75 0.00
KCE_NY_6_ESR 323823	33.66 0.63 0.00	30.14 0.96 0.00	28.01 0.47 0.00	26.65 0.42 0.00	25.45 -0.28 0.00	27.07 0.76 0.00	30.08 0.70 0.00	31.56 -0.13 0.00	35.10 -0.50 0.00	37.71 -0.42 0.00	39.73 -0.08 0.00	44.67 0.18 0.00	49.71 0.30 0.00	51.91 0.77 0.00	54.33 1.73 0.00	69.92 0.96 0.00	78.88 0.86 0.00	87.24 0.35 0.00	81.96 0.33 0.00	87.12 1.62 0.00	56.05 2.31 0.00	49.09 -0.05 0.00	43.54 0.17 0.00	39.89 0.55 0.00
KEDC_PORT_JEFF_GT2 24210	39.59 3.33 -3.23	39.02 2.80 -7.04	34.52 2.78 -4.20	28.89 2.65 -0.02	28.89 2.65 -0.51	29.70 2.71 -0.67	32.11 2.73 0.00	35.08 3.39 0.00	39.83 3.95 -0.29	42.38 4.12 -0.13	52.37 3.86 -8.71	57.13 4.18 -8.46	62.02 4.54 -8.07	70.37 4.34 -14.89	94.75 3.84 -38.32	193.03 5.10 -118.97	211.59 5.38 -128.19	269.19 6.69 -175.61	236.15 5.71 -148.81	93.42 4.79 -3.14	66.08 2.79 -9.55	59.84 4.03 -6.67	51.55 3.73 -4.45	46.49 3.30 -3.85
KEDC_PORT_JEFF_GT3 24211	39.59 3.33 -3.23	39.02 2.80 -7.04	34.52 2.78 -4.20	28.89 2.65 -0.02	28.89 2.65 -0.51	29.70 2.71 -0.67	32.11 2.73 0.00	35.08 3.39 0.00	39.83 3.95 -0.29	42.38 4.12 -0.13	52.37 3.86 -8.71	57.13 4.18 -8.46	62.02 4.54 -8.07	70.37 4.34 -14.89	94.75 3.84 -38.32	193.03 5.10 -118.97	211.59 5.38 -128.19	269.19 6.69 -175.61	236.15 5.71 -148.81	93.42 4.79 -3.14	66.08 2.79 -9.55	59.84 4.03 -6.67	51.55 3.73 -4.45	46.49 3.30 -3.85
KEDC_GLWD_GT4 24219	38.53 2.28 -3.23	38.37 2.16 -7.04	33.83 2.09 -4.20	28.21 1.97 -0.02	28.22 1.98 -0.51	29.01 2.03 -0.67	31.52 2.14 0.00	34.28 2.60 0.00	38.91 3.02 -0.29	41.23 2.98 -0.13	51.42 2.90 -8.71	56.19 3.25 -8.45	59.57 3.75 -6.41	55.50 3.78 -0.58	57.08 3.47 -1.01	73.85 4.90 0.00	83.25 5.23 0.00	93.06 6.17 0.00	86.93 5.30 0.00	90.11 4.61 0.00	56.05 2.31 0.00	52.59 2.75 -0.70	50.21 2.38 -4.45	45.27 2.08 -3.85
KEDC_GLWD_GT5 24220	38.53 2.28 -3.23	38.37 2.16 -7.04	33.83 2.09 -4.20	28.21 1.97 -0.02	28.22 1.98 -0.51	29.01 2.03 -0.67	31.52 2.14 0.00	34.28 2.60 0.00	38.91 3.02 -0.29	41.23 2.98 -0.13	51.42 2.90 -8.71	56.19 3.25 -8.45	59.57 3.75 -6.41	55.50 3.78 -0.58	57.08 3.47 -1.01	73.85 4.90 0.00	83.25 5.23 0.00	93.06 6.17 0.00	86.93 5.30 0.00	90.11 4.61 0.00	56.05 2.31 0.00	52.59 2.75 -0.70	50.21 2.38 -4.45	45.27 2.08 -3.85
KENSICO____ 23655	34.98 1.95 0.00	30.78 1.60 0.00	29.14 1.60 0.00	27.78 1.55 0.00	27.27 1.54 0.00	27.92 1.60 0.00	31.08 1.70 0.00	33.71 2.03 0.00	38.10 2.35 -0.15	40.57 2.44 0.00	42.24 2.43 0.00	47.08 2.58 0.00	52.33 2.92 0.00	54.05 2.91 0.00	55.17 2.58 0.00	72.89 3.93 0.00	82.39 4.37 0.00	91.67 4.78 0.00	85.96 4.33 0.00	89.35 3.85 0.00	55.35 1.61 0.00	51.21 2.06 0.00	45.24 1.86 0.00	40.99 1.65 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.71 1.68 0.00	30.52 1.34 0.00	28.89 1.35 0.00	27.51 1.29 0.00	26.99 1.26 0.00	27.60 1.29 0.00	30.76 1.38 0.00	33.30 1.62 0.00	37.35 1.78 0.02	40.00 1.87 0.00	41.64 1.83 0.00	46.59 2.09 0.00	51.78 2.37 0.00	53.18 2.05 0.00	54.23 1.63 0.00	72.06 3.10 0.00	81.61 3.59 0.00	90.72 3.82 0.00	85.30 3.67 0.00	88.92 3.42 0.00	55.19 1.45 0.00	51.26 2.11 0.00	45.19 1.82 0.00	40.91 1.57 0.00
KIAC_JFK_GT1 23816	35.31 2.28 0.00	31.04 1.87 0.00	29.30 1.76 0.00	27.85 1.63 0.00	27.40 1.67 0.00	28.05 1.74 0.00	31.26 1.88 0.00	34.03 2.34 0.00	38.57 2.81 -0.16	41.06 2.94 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.57 3.16 0.00	54.31 3.17 0.00	55.44 2.84 0.00	73.44 4.48 0.00	83.09 5.07 0.00	92.54 5.65 0.00	86.69 5.06 0.00	90.03 4.53 0.00	55.46 1.72 0.00	51.30 2.16 0.00	45.58 2.21 0.00	41.23 1.89 0.00
KIAC_JFK_GT2 23817	35.31 2.28 0.00	31.04 1.87 0.00	29.30 1.76 0.00	27.85 1.63 0.00	27.40 1.67 0.00	28.05 1.74 0.00	31.26 1.88 0.00	34.03 2.34 0.00	38.57 2.81 -0.16	41.06 2.94 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.57 3.16 0.00	54.31 3.17 0.00	55.44 2.84 0.00	73.44 4.48 0.00	83.09 5.07 0.00	92.54 5.65 0.00	86.69 5.06 0.00	90.03 4.53 0.00	55.46 1.72 0.00	51.30 2.16 0.00	45.58 2.21 0.00	41.23 1.89 0.00
KIAC_JFK____ 323774	35.21 2.18 0.00	31.02 1.84 0.00	29.30 1.76 0.00	27.83 1.60 0.00	27.40 1.67 0.00	28.00 1.69 0.00	31.23 1.85 0.00	34.03 2.34 0.00	38.57 2.81 -0.16	41.06 2.94 0.00	42.36 2.55 0.00	47.35 2.85 0.00	52.67 3.26 0.00	54.46 3.32 0.00	55.43 2.84 0.00	73.65 4.69 0.00	83.33 5.31 0.00	92.89 5.99 0.00	86.93 5.30 0.00	90.28 4.79 0.00	55.62 1.88 0.00	51.40 2.26 0.00	45.54 2.17 0.00	41.19 1.85 0.00
KINTIGH____ 23543	32.67 -0.36 0.00	29.44 0.26 0.00	27.43 -0.11 0.00	25.99 -0.24 0.00	24.98 -0.75 0.00	26.21 -0.11 0.00	29.38 0.00 0.00	30.92 -0.76 0.00	34.49 -1.10 0.00	36.98 -1.14 0.00	38.77 -1.04 0.00	43.74 -0.76 0.00	48.42 -0.99 0.00	50.52 -0.61 0.00	52.70 0.11 0.00	68.06 -0.90 0.00	76.61 -1.40 0.00	85.24 -1.65 0.00	80.00 -1.63 0.00	84.82 -0.68 0.00	54.55 0.81 0.00	48.11 -1.03 0.00	42.59 -0.78 0.00	38.91 -0.43 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.39 0.36 0.00	29.35 0.18 0.00	27.68 0.14 0.00	26.39 0.16 0.00	25.99 0.26 0.00	26.39 0.08 0.00	29.50 0.12 0.00	31.94 0.25 0.00	35.99 0.39 0.00	38.59 0.46 0.00	39.97 0.16 0.00	44.72 0.22 0.00	49.71 0.30 0.00	50.68 -0.46 0.00	52.18 -0.42 0.00	68.41 -0.55 0.00	77.86 -0.16 0.00	86.63 -0.26 0.00	81.55 -0.08 0.00	85.24 -0.26 0.00	53.90 0.16 0.00	49.49 0.34 0.00	43.98 0.61 0.00	39.85 0.51 0.00

LACHUTE____HYDRO 323717	37.09 4.06 0.00	32.56 3.38 0.00	30.81 3.28 0.00	29.17 2.94 0.00	28.58 2.86 0.00	29.28 2.97 0.00	32.84 3.47 0.00	35.77 4.09 0.00	40.53 4.84 -0.10	43.27 5.15 0.00	45.46 5.65 0.00	51.17 6.67 0.00	57.21 7.80 0.00	58.55 7.41 0.00	61.07 8.47 0.00	79.85 10.89 0.00	90.27 12.25 0.00	100.97 14.08 0.00	95.43 13.80 0.00	99.70 14.20 0.00	63.36 9.62 0.00	58.09 8.95 0.00	50.31 6.94 0.00	45.55 6.21 0.00
LAWRNCV_115KV_TB1 80681	32.70 -0.33 0.00	28.74 -0.44 0.00	27.13 -0.41 0.00	25.86 -0.37 0.00	25.37 -0.36 0.00	25.50 -0.82 0.00	28.44 -0.94 0.00	30.80 -0.89 0.00	34.67 -0.93 0.00	37.14 -0.99 0.00	38.65 -1.15 0.00	43.29 -1.20 0.00	48.03 -1.38 0.00	49.55 -1.59 0.00	51.02 -1.58 0.00	67.51 -1.65 -0.20	76.64 -1.56 -0.18	85.34 -2.00 -0.44	80.20 -1.80 -0.36	84.26 -1.88 -0.64	52.67 -1.07 0.00	48.11 -1.03 0.00	42.68 -0.69 0.00	39.06 -0.28 0.00
LEDERLE____ 23769	34.81 1.78 0.00	30.67 1.49 0.00	29.03 1.49 0.00	27.67 1.44 0.00	27.17 1.44 0.00	27.78 1.47 0.00	30.94 1.56 0.00	33.52 1.84 0.00	37.42 2.06 0.24	40.30 2.17 0.00	41.96 2.15 0.00	46.85 2.36 0.00	52.03 2.62 0.00	53.85 2.71 0.00	54.91 2.31 0.00	72.68 3.72 0.00	82.15 4.13 0.00	91.24 4.34 0.00	85.55 3.92 0.00	89.01 3.51 0.00	55.19 1.45 0.00	51.01 1.87 0.00	45.06 1.69 0.00	40.76 1.42 0.00
LIGHTHSE_115KV_TB6 355974	32.60 -0.43 0.00	28.86 -0.32 0.00	27.13 -0.41 0.00	25.86 -0.37 0.00	25.26 -0.46 0.00	25.92 -0.39 0.00	29.00 -0.38 0.00	31.24 -0.44 0.00	34.96 -0.64 0.00	37.48 -0.65 0.00	39.33 -0.48 0.00	44.14 -0.36 0.00	49.06 -0.35 0.00	50.93 -0.20 0.00	52.44 -0.16 0.00	70.29 -0.28 -1.61	79.24 -0.23 -1.45	90.22 -0.17 -3.50	84.59 0.08 -2.88	90.93 0.34 -5.09	54.17 0.43 0.00	49.19 0.05 0.00	43.33 -0.04 0.00	39.30 -0.04 0.00
LINDEN COGEN____ 23786	31.99 1.78 2.82	30.72 1.55 0.00	29.05 1.51 0.00	27.62 1.39 0.00	27.17 1.44 0.00	27.75 1.45 0.01	30.96 1.59 0.00	31.31 2.00 2.37	31.12 2.31 6.79	32.80 2.40 7.73	33.48 2.27 8.60	34.25 2.49 12.74	34.46 2.86 17.82	35.99 2.86 18.01	34.65 2.37 20.32	44.07 3.86 28.75	50.85 4.21 31.38	58.49 4.78 33.18	52.18 4.16 33.61	57.01 3.51 32.00	33.82 1.24 21.16	33.82 1.72 17.04	34.04 1.56 10.89	32.22 1.34 8.46
LINDHRST_69_KV_BK1 356055	39.63 3.37 -3.23	39.02 2.80 -7.04	34.47 2.73 -4.20	28.84 2.60 -0.02	28.81 2.57 -0.51	29.67 2.68 -0.67	32.08 2.70 0.00	34.98 3.30 0.00	39.66 3.77 -0.29	42.34 4.08 -0.13	52.49 3.98 -8.71	57.22 4.27 -8.46	61.66 4.79 -7.46	57.47 4.70 -1.63	60.77 4.42 -3.76	83.08 5.38 -8.75	93.53 6.09 -9.43	106.67 6.86 -12.91	98.45 5.88 -10.94	91.12 5.39 -0.23	59.12 3.22 -2.15	55.81 4.08 -2.59	51.64 3.82 -4.45	46.57 3.38 -3.85
LIPA_MISC_IPP 23656	39.49 3.24 -3.23	38.90 2.68 -7.04	34.41 2.67 -4.20	28.87 2.62 -0.02	28.84 2.60 -0.51	29.67 2.68 -0.67	31.99 2.61 0.00	34.95 3.26 0.00	39.66 3.77 -0.29	42.15 3.89 -0.13	52.25 3.74 -8.71	56.96 4.00 -8.46	62.07 4.45 -8.22	68.20 4.35 -12.71	89.30 4.05 -32.65	174.83 4.96 -100.91	192.37 5.62 -108.73	242.10 6.26 -148.95	213.24 5.39 -126.22	93.03 4.87 -2.66	65.31 2.85 -8.72	58.79 3.83 -5.82	51.42 3.60 -4.45	46.42 3.23 -3.85
LISF____SOLAR 323691	39.46 3.20 -3.23	38.93 2.71 -7.04	34.44 2.70 -4.20	28.87 2.62 -0.02	28.87 2.63 -0.51	29.64 2.66 -0.67	32.02 2.65 0.00	34.98 3.30 0.00	39.69 3.81 -0.29	42.19 3.93 -0.13	52.30 3.78 -8.71	57.09 4.14 -8.46	62.29 4.64 -8.23	68.60 4.60 -12.86	89.88 4.26 -33.03	176.79 5.72 -102.11	194.05 6.01 -110.02	244.82 7.21 -150.72	215.80 6.45 -127.72	93.74 5.55 -2.69	65.63 3.06 -8.82	59.15 4.03 -5.98	51.38 3.56 -4.45	46.37 3.19 -3.85
LITTLE FALLS____HYD 24013	32.90 -0.13 0.00	29.09 -0.09 0.00	27.46 -0.08 0.00	26.15 -0.08 0.00	25.63 -0.10 0.00	26.26 -0.05 0.00	29.35 -0.03 0.00	31.68 0.00 0.00	35.60 0.00 0.00	38.13 0.00 0.00	40.13 0.32 0.00	44.90 0.40 0.00	49.86 0.44 0.00	51.60 0.46 0.00	52.60 0.00 0.00	69.51 0.55 0.00	78.72 0.70 0.00	86.89 0.00 0.00	81.63 0.00 0.00	85.59 0.09 0.00	53.85 0.11 0.00	49.34 0.20 0.00	43.59 0.22 0.00	39.54 0.20 0.00
LITTLRIV_115KV_TB1 356100	32.96 -0.07 0.00	28.94 -0.23 0.00	27.29 -0.25 0.00	26.04 -0.18 0.00	25.55 -0.18 0.00	25.68 -0.63 0.00	28.67 -0.71 0.00	31.05 -0.63 0.00	34.99 -0.61 0.00	37.48 -0.65 0.00	39.17 -0.64 0.00	43.96 -0.53 0.00	48.82 -0.59 0.00	50.37 -0.77 0.00	51.70 -0.89 0.00	68.69 -0.48 -0.22	77.98 -0.23 -0.20	86.41 -0.96 -0.48	81.29 -0.73 -0.39	85.42 -0.77 -0.69	53.42 -0.32 0.00	48.75 -0.39 0.00	43.20 -0.17 0.00	39.54 0.20 0.00
LI_NEWBRDGE____DRP 323616	38.80 2.54 -3.23	38.32 2.10 -7.04	33.81 2.07 -4.20	28.24 1.99 -0.02	28.22 1.98 -0.51	29.04 2.05 -0.67	31.47 2.09 0.00	34.25 2.57 0.00	38.80 2.92 -0.29	41.42 3.16 -0.13	51.46 2.95 -8.71	56.02 3.07 -8.45	59.18 3.36 -6.41	55.04 3.32 -0.58	56.61 3.00 -1.01	72.68 3.72 0.00	82.15 4.13 0.00	91.59 4.69 0.00	85.47 3.84 0.00	88.75 3.25 0.00	55.46 1.72 0.00	52.45 2.60 -0.70	50.43 2.60 -4.45	45.51 2.32 -3.85
LOCKPORT_115KV_TB60_63_64 80432	32.86 -0.17 0.00	29.91 0.73 0.00	27.79 0.25 0.00	26.28 0.05 0.00	25.19 -0.54 0.00	26.55 0.24 0.00	29.67 0.29 0.00	31.02 -0.67 0.00	34.24 -1.35 0.00	36.76 -1.37 0.00	38.53 -1.27 0.00	43.56 -0.93 0.00	48.22 -1.19 0.00	50.37 -0.77 0.00	52.65 0.05 0.00	67.85 -1.10 0.00	76.30 -1.72 0.00	84.81 -2.09 0.00	79.59 -2.04 0.00	84.64 -0.86 0.00	54.65 0.91 0.00	47.91 -1.23 0.00	42.42 -0.95 0.00	38.83 -0.51 0.00
LOCKPORT____CC1 323769	33.33 0.30 0.00	29.88 0.70 0.00	27.76 0.22 0.00	26.41 0.18 0.00	25.16 -0.57 0.00	26.79 0.47 0.00	29.73 0.35 0.00	31.02 -0.67 0.00	34.14 -1.46 0.00	36.64 -1.49 0.00	38.57 -1.23 0.00	43.34 -1.16 0.00	48.18 -1.23 0.00	50.27 -0.87 0.00	52.60 0.00 0.00	67.58 -1.38 0.00	76.23 -1.79 0.00	84.29 -2.60 0.00	79.26 -2.37 0.00	84.48 -1.02 0.00	54.55 0.81 0.00	47.77 -1.38 0.00	42.37 -1.00 0.00	38.91 -0.43 0.00
LOCKPORT____CC2 323770	33.33 0.30 0.00	29.88 0.70 0.00	27.76 0.22 0.00	26.41 0.18 0.00	25.16 -0.57 0.00	26.79 0.47 0.00	29.73 0.35 0.00	31.02 -0.67 0.00	34.14 -1.46 0.00	36.64 -1.49 0.00	38.57 -1.23 0.00	43.34 -1.16 0.00	48.18 -1.23 0.00	50.27 -0.87 0.00	52.60 0.00 0.00	67.58 -1.38 0.00	76.23 -1.79 0.00	84.29 -2.60 0.00	79.26 -2.37 0.00	84.48 -1.02 0.00	54.55 0.81 0.00	47.77 -1.38 0.00	42.37 -1.00 0.00	38.91 -0.43 0.00
LOCKPORT____CC3 323771	33.33 0.30 0.00	29.88 0.70 0.00	27.76 0.22 0.00	26.41 0.18 0.00	25.16 -0.57 0.00	26.79 0.47 0.00	29.73 0.35 0.00	31.02 -0.67 0.00	34.14 -1.46 0.00	36.64 -1.49 0.00	38.57 -1.23 0.00	43.34 -1.16 0.00	48.18 -1.23 0.00	50.27 -0.87 0.00	52.60 0.00 0.00	67.58 -1.38 0.00	76.23 -1.79 0.00	84.29 -2.60 0.00	79.26 -2.37 0.00	84.48 -1.02 0.00	54.55 0.81 0.00	47.77 -1.38 0.00	42.37 -1.00 0.00	38.91 -0.43 0.00

LONG_LAKE_PHOENIX 24014	32.47 -0.56 0.00	28.74 -0.44 0.00	27.07 -0.47 0.00	25.76 -0.47 0.00	25.16 -0.57 0.00	25.86 -0.45 0.00	28.88 -0.50 0.00	31.11 -0.57 0.00	34.88 -0.71 0.00	37.44 -0.69 0.00	39.21 -0.60 0.00	43.96 -0.53 0.00	48.82 -0.59 0.00	50.73 -0.41 0.00	52.28 -0.32 0.00	70.71 -0.48 -2.23	79.49 -0.55 -2.02	91.14 -0.61 -4.86	85.05 -0.57 -3.99	92.05 -0.51 -7.06	53.63 -0.11 0.00	48.70 -0.44 0.00	42.89 -0.48 0.00	38.91 -0.43 0.00
LOVETT___3 23632	34.65 1.62 0.00	30.52 1.34 0.00	28.89 1.35 0.00	27.57 1.34 0.00	27.07 1.34 0.00	27.68 1.37 0.00	30.79 1.41 0.00	33.36 1.68 0.00	37.21 1.85 0.24	40.07 1.94 0.00	41.72 1.91 0.00	46.50 2.00 0.00	51.68 2.27 0.00	53.44 2.30 0.00	54.54 1.95 0.00	72.06 3.10 0.00	81.45 3.43 0.00	90.54 3.65 0.00	84.90 3.27 0.00	88.32 2.82 0.00	54.76 1.02 0.00	50.62 1.47 0.00	44.76 1.39 0.00	40.52 1.18 0.00
LOVETT___4 23642	34.65 1.62 0.00	30.52 1.34 0.00	28.89 1.35 0.00	27.57 1.34 0.00	27.07 1.34 0.00	27.68 1.37 0.00	30.79 1.41 0.00	33.36 1.68 0.00	37.21 1.85 0.24	40.07 1.94 0.00	41.72 1.91 0.00	46.50 2.00 0.00	51.68 2.27 0.00	53.44 2.30 0.00	54.54 1.95 0.00	72.06 3.10 0.00	81.45 3.43 0.00	90.54 3.65 0.00	84.90 3.27 0.00	88.32 2.82 0.00	54.76 1.02 0.00	50.62 1.47 0.00	44.76 1.39 0.00	40.52 1.18 0.00
LOVETT___5 23593	34.65 1.62 0.00	30.52 1.34 0.00	28.89 1.35 0.00	27.57 1.34 0.00	27.07 1.34 0.00	27.68 1.37 0.00	30.79 1.41 0.00	33.36 1.68 0.00	37.21 1.85 0.24	40.07 1.94 0.00	41.72 1.91 0.00	46.50 2.00 0.00	51.68 2.27 0.00	53.44 2.30 0.00	54.54 1.95 0.00	72.06 3.10 0.00	81.45 3.43 0.00	90.54 3.65 0.00	84.90 3.27 0.00	88.32 2.82 0.00	54.76 1.02 0.00	50.62 1.47 0.00	44.76 1.39 0.00	40.52 1.18 0.00
LOWER_RAQUET___HYD 24057	32.63 -0.39 0.00	28.68 -0.50 0.00	27.07 -0.47 0.00	25.81 -0.42 0.00	25.29 -0.44 0.00	25.36 -0.95 0.00	28.29 -1.09 0.00	30.64 -1.04 0.00	34.49 -1.10 0.00	36.91 -1.22 0.00	38.45 -1.35 0.00	43.12 -1.38 0.00	47.53 -1.88 0.00	49.09 -2.05 0.00	50.60 -2.00 0.00	66.85 -2.34 -0.23	75.89 -2.34 -0.21	84.62 -2.78 -0.51	79.60 -2.45 -0.42	83.59 -2.65 -0.74	52.13 -1.61 0.00	47.77 -1.38 0.00	42.50 -0.87 0.00	38.98 -0.35 0.00
LOWER___HUDSON 24059	34.61 1.59 0.00	30.55 1.37 0.00	28.91 1.38 0.00	27.51 1.28 0.00	26.99 1.26 0.00	27.60 1.29 0.00	30.82 1.44 0.00	33.24 1.55 0.00	37.51 1.81 -0.10	39.92 1.79 0.00	41.68 1.87 0.00	46.54 2.05 0.00	51.78 2.37 0.00	53.33 2.20 0.00	54.81 2.21 0.00	71.92 2.96 0.00	81.06 3.04 0.00	90.46 3.56 0.00	84.98 3.35 0.00	88.83 3.33 0.00	55.83 2.09 0.00	51.45 2.31 0.00	45.32 1.95 0.00	41.11 1.77 0.00
LOWVILLE_115KV_TB2 356335	33.00 -0.03 0.00	29.06 -0.12 0.00	27.37 -0.17 0.00	26.12 -0.10 0.00	25.52 -0.21 0.00	26.02 -0.29 0.00	29.14 -0.24 0.00	31.46 -0.22 0.00	35.31 -0.28 0.00	37.82 -0.31 0.00	39.65 -0.16 0.00	44.58 0.09 0.00	49.56 0.15 0.00	51.39 0.26 0.00	52.75 0.16 0.00	70.10 0.55 -0.59	79.49 0.94 -0.53	89.22 1.04 -1.28	84.07 1.39 -1.05	89.07 1.71 -1.86	55.03 1.29 0.00	49.88 0.74 0.00	44.06 0.69 0.00	40.05 0.71 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.18 2.15 0.00	30.99 1.81 0.00	29.33 1.79 0.00	27.88 1.65 0.00	27.35 1.62 0.00	28.00 1.68 0.00	31.23 1.85 0.00	33.78 2.09 0.00	38.11 2.42 -0.10	40.64 2.52 0.00	42.51 2.71 0.00	47.48 2.98 0.00	52.82 3.41 0.00	54.36 3.22 0.00	55.96 3.37 0.00	73.51 4.55 0.00	83.01 4.99 0.00	92.54 5.65 0.00	87.10 5.47 0.00	91.06 5.56 0.00	57.34 3.60 0.00	52.83 3.69 0.00	46.41 3.04 0.00	42.09 2.75 0.00
LUTHERNY_35_KV_BK2 355980	35.21 2.18 0.00	31.02 1.84 0.00	29.36 1.82 0.00	27.91 1.68 0.00	27.35 1.62 0.00	28.00 1.68 0.00	31.26 1.88 0.00	33.78 2.09 0.00	38.15 2.46 -0.10	40.64 2.52 0.00	42.51 2.71 0.00	47.57 3.07 0.00	52.87 3.46 0.00	54.41 3.27 0.00	56.02 3.42 0.00	73.58 4.62 0.00	83.09 5.07 0.00	92.63 5.74 0.00	87.18 5.55 0.00	91.23 5.73 0.00	57.45 3.71 0.00	52.93 3.78 0.00	46.45 3.08 0.00	42.13 2.79 0.00
LWR___OSWEGATCHIE_HYD 23850	32.70 -0.33 0.00	28.77 -0.41 0.00	27.10 -0.44 0.00	25.86 -0.37 0.00	25.32 -0.41 0.00	25.60 -0.71 0.00	28.62 -0.76 0.00	30.92 -0.76 0.00	34.74 -0.85 0.00	37.21 -0.92 0.00	38.85 -0.96 0.00	43.61 -0.89 0.00	48.42 -0.99 0.00	50.06 -1.07 0.00	51.54 -1.05 0.00	68.32 -1.10 -0.46	77.50 -0.94 -0.42	86.94 -0.96 -1.00	81.80 -0.65 -0.83	86.45 -0.51 -1.46	53.63 -0.11 0.00	48.75 -0.39 0.00	43.15 -0.22 0.00	39.38 0.04 0.00
LYONS_FALL_HYD 23570	33.29 0.26 0.00	29.35 0.18 0.00	27.65 0.11 0.00	26.36 0.13 0.00	25.78 0.05 0.00	26.36 0.05 0.00	29.56 0.18 0.00	31.91 0.22 0.00	35.85 0.25 0.00	38.40 0.27 0.00	40.36 0.56 0.00	45.30 0.80 0.00	50.35 0.94 0.00	52.31 1.18 0.00	53.81 1.21 0.00	71.10 1.79 -0.35	80.05 1.71 -0.32	89.74 2.08 -0.77	84.47 2.20 -0.63	89.10 2.48 -1.11	55.46 1.72 0.00	50.32 1.18 0.00	44.41 1.04 0.00	40.28 0.94 0.00
MADISON___COUNTY_LFGE 323628	33.66 0.63 0.00	29.73 0.55 0.00	27.98 0.44 0.00	26.67 0.45 0.00	26.06 0.33 0.00	26.76 0.45 0.00	30.00 0.62 0.00	32.38 0.70 0.00	36.38 0.78 0.00	39.04 0.92 0.00	41.04 1.23 0.00	46.05 1.56 0.00	51.19 1.78 0.00	53.34 2.20 0.00	54.60 2.00 0.00	72.49 3.17 -0.36	82.01 3.67 -0.32	91.41 3.74 -0.78	85.86 3.59 -0.64	90.56 3.93 -1.13	56.37 2.63 0.00	51.11 1.97 0.00	45.02 1.65 0.00	40.80 1.46 0.00
MALONE___115KV_TB1 356076	33.10 0.07 0.00	29.06 -0.12 0.00	27.43 -0.11 0.00	26.15 -0.08 0.00	25.73 0.00 0.00	26.05 -0.26 0.00	29.11 -0.26 0.00	31.53 -0.16 0.00	35.56 -0.04 0.00	38.13 0.00 0.00	39.53 -0.28 0.00	44.27 -0.22 0.00	49.16 -0.25 0.00	50.42 -0.72 0.00	52.02 -0.58 0.00	68.41 -0.55 0.00	77.86 -0.16 0.00	86.37 -0.52 0.00	81.39 -0.24 0.00	85.07 -0.43 0.00	53.63 -0.11 0.00	49.14 0.00 0.00	43.46 0.09 0.00	39.50 0.16 0.00
MAPLEWOD_115KV_TB3 80458	34.62 1.59 0.00	30.49 1.31 0.00	28.86 1.32 0.00	27.46 1.23 0.00	26.94 1.21 0.00	27.57 1.26 0.00	30.79 1.41 0.00	33.24 1.55 0.00	37.48 1.78 -0.10	39.88 1.75 0.00	41.76 1.95 0.00	46.50 2.00 0.00	51.73 2.32 0.00	53.39 2.25 0.00	54.81 2.21 0.00	72.06 3.10 0.00	81.37 3.35 0.00	90.72 3.82 0.00	85.14 3.51 0.00	89.01 3.51 0.00	55.89 2.15 0.00	51.60 2.46 0.00	45.41 2.04 0.00	41.15 1.81 0.00
MAPLE_RIDGE_WT_1 323574	32.80 -0.23 0.00	28.91 -0.26 0.00	27.26 -0.28 0.00	25.97 -0.26 0.00	25.50 -0.23 0.00	26.02 -0.29 0.00	29.09 -0.29 0.00	31.43 -0.25 0.00	35.38 -0.21 0.00	37.94 -0.19 0.00	39.57 -0.24 0.00	44.23 -0.27 0.00	49.07 -0.34 0.00	50.78 -0.36 0.00	52.23 -0.37 0.00	68.48 -0.48 0.00	77.55 -0.47 0.00	86.29 -0.60 0.00	81.06 -0.57 0.00	84.91 -0.59 0.00	53.37 -0.37 0.00	48.85 -0.29 0.00	43.16 -0.22 0.00	39.14 -0.20 0.00

MAPLE RIDGE_WT_2 323611	32.80 -0.23 0.00	28.91 -0.26 0.00	27.26 -0.28 0.00	25.97 -0.26 0.00	25.50 -0.23 0.00	26.02 -0.29 0.00	29.09 -0.29 0.00	31.43 -0.25 0.00	35.38 -0.21 0.00	37.94 -0.19 0.00	39.57 -0.24 0.00	44.23 -0.27 0.00	49.07 -0.34 0.00	50.78 -0.36 0.00	52.23 -0.37 0.00	68.48 -0.48 0.00	77.55 -0.47 0.00	86.29 -0.60 0.00	81.06 -0.57 0.00	84.91 -0.59 0.00	53.37 -0.37 0.00	48.85 -0.29 0.00	43.16 -0.22 0.00	39.14 -0.20 0.00
MARBLE RIVER_WT_PWR 323696	33.06 0.03 0.00	29.09 -0.09 0.00	27.43 -0.11 0.00	26.15 -0.08 0.00	25.75 0.03 0.00	26.13 -0.18 0.00	29.23 -0.15 0.00	31.62 -0.06 0.00	35.63 0.04 0.00	38.20 0.08 0.00	39.65 -0.16 0.00	44.36 -0.13 0.00	48.47 -0.94 0.00	49.86 -1.28 0.00	51.18 -1.42 0.00	66.96 -2.00 0.00	76.23 -1.79 0.00	84.73 -2.17 0.00	79.76 -1.87 0.00	83.37 -2.13 0.00	52.45 -1.29 0.00	48.65 -0.49 0.00	43.50 0.13 0.00	39.42 0.08 0.00
MARSHVLE_115KV_TB1 80742	36.00 2.97 0.00	31.72 2.54 0.00	29.93 2.40 0.00	28.48 2.26 0.00	27.89 2.16 0.00	28.63 2.32 0.00	32.08 2.70 0.00	34.63 2.95 0.00	38.98 3.31 -0.07	41.52 3.39 0.00	43.43 3.62 0.00	48.63 4.14 0.00	54.15 4.74 0.00	55.74 4.60 0.00	57.54 4.94 0.00	75.78 6.83 0.00	85.90 7.88 0.00	96.19 9.30 0.00	90.69 9.06 0.00	95.25 9.75 0.00	60.24 6.50 0.00	54.94 5.80 0.00	48.05 4.68 0.00	43.43 4.09 0.00
MARSH_HILL_WT_PWR 323713	34.22 1.19 0.00	30.55 1.37 0.00	28.48 0.94 0.00	27.09 0.86 0.00	26.11 0.39 0.00	27.44 1.13 0.00	30.61 1.23 0.00	32.29 0.60 0.00	35.94 0.36 0.01	38.62 0.49 0.00	40.72 0.92 0.00	45.65 1.15 0.00	50.89 1.48 0.00	53.13 1.99 0.00	55.49 2.89 0.00	71.97 2.76 -0.25	81.21 2.96 -0.22	90.56 3.12 -0.54	85.35 3.27 -0.45	90.56 4.27 -0.79	57.34 3.60 0.00	50.71 1.57 0.00	44.85 1.48 0.00	40.83 1.49 0.00
MCINTYRE_115KV_TB2 80467	33.16 0.13 0.00	29.15 -0.03 0.00	27.46 -0.08 0.00	26.20 -0.03 0.00	25.75 0.03 0.00	25.94 -0.37 0.00	29.00 -0.38 0.00	31.40 -0.29 0.00	35.35 -0.25 0.00	37.86 -0.27 0.00	39.53 -0.28 0.00	44.36 -0.13 0.00	49.26 -0.15 0.00	50.88 -0.26 0.00	52.28 -0.32 0.00	69.43 0.28 -0.20	78.74 0.55 -0.18	87.32 0.00 -0.43	82.14 0.16 -0.35	86.37 0.26 -0.62	54.06 0.32 0.00	49.34 0.20 0.00	43.67 0.30 0.00	39.85 0.51 0.00
MECO____69_KV_BK1 80468	36.73 3.70 0.00	32.30 3.12 0.00	30.48 2.95 0.00	28.96 2.73 0.00	28.35 2.62 0.00	29.07 2.76 0.00	32.61 3.23 0.00	35.23 3.55 0.00	39.63 3.95 -0.08	42.02 3.89 0.00	44.74 4.94 0.00	50.06 5.56 0.00	55.88 6.47 0.00	57.53 6.39 0.00	58.65 6.05 0.00	79.09 10.14 0.00	89.64 11.62 0.00	98.36 11.47 0.00	93.06 11.43 0.00	97.73 12.23 0.00	61.96 8.22 0.00	56.37 7.22 0.00	49.10 5.72 0.00	44.34 5.00 0.00
MENANDS__115KV_TB5 355628	34.28 1.26 0.00	30.23 1.05 0.00	28.61 1.07 0.00	27.22 1.00 0.00	26.73 1.00 0.00	27.36 1.05 0.00	30.53 1.15 0.00	32.92 1.24 0.00	37.09 1.39 -0.10	39.50 1.37 0.00	41.24 1.43 0.00	45.92 1.42 0.00	50.99 1.58 0.00	52.62 1.48 0.00	54.02 1.42 0.00	70.89 1.93 0.00	80.05 2.03 0.00	89.24 2.35 0.00	83.75 2.12 0.00	87.47 1.97 0.00	54.92 1.18 0.00	50.76 1.62 0.00	44.76 1.39 0.00	40.60 1.26 0.00
MG INDUSTRY___DRP 24185	34.35 1.32 0.00	30.29 1.11 0.00	28.69 1.16 0.00	27.30 1.08 0.00	26.78 1.05 0.00	27.42 1.11 0.00	30.58 1.20 0.00	32.98 1.30 0.00	37.12 1.42 -0.10	39.50 1.37 0.00	41.28 1.47 0.00	45.74 1.25 0.00	50.84 1.43 0.00	52.47 1.33 0.00	53.86 1.26 0.00	70.61 1.65 0.00	79.74 1.72 0.00	88.89 2.00 0.00	83.59 1.96 0.00	87.38 1.88 0.00	54.92 1.18 0.00	50.91 1.77 0.00	44.89 1.52 0.00	40.76 1.42 0.00
MID___OSWEGATCHIE_HYD 23849	32.70 -0.33 0.00	28.77 -0.41 0.00	27.10 -0.44 0.00	25.86 -0.37 0.00	25.32 -0.41 0.00	25.60 -0.71 0.00	28.62 -0.76 0.00	30.92 -0.76 0.00	34.74 -0.85 0.00	37.21 -0.92 0.00	38.85 -0.96 0.00	43.61 -0.89 0.00	48.42 -0.99 0.00	50.06 -1.07 0.00	51.54 -1.05 0.00	68.32 -1.10 -0.46	77.50 -0.94 -0.42	86.94 -0.96 -1.00	81.80 -0.65 -0.83	86.45 -0.51 -1.46	53.63 -0.11 0.00	48.75 -0.39 0.00	43.15 -0.22 0.00	39.38 0.04 0.00
MID___RAQUETTE_HYD 23851	32.63 -0.40 0.00	28.68 -0.50 0.00	27.07 -0.47 0.00	25.81 -0.42 0.00	25.29 -0.44 0.00	25.36 -0.95 0.00	28.29 -1.09 0.00	30.64 -1.05 0.00	34.49 -1.10 0.00	36.91 -1.22 0.00	38.45 -1.35 0.00	43.12 -1.38 0.00	47.78 -1.63 0.00	49.30 -1.84 0.00	50.76 -1.84 0.00	67.19 -2.00 -0.23	76.28 -1.95 -0.21	84.97 -2.43 -0.51	79.93 -2.12 -0.42	84.02 -2.22 -0.74	52.45 -1.29 0.00	47.91 -1.23 0.00	42.50 -0.87 0.00	38.99 -0.35 0.00
MILLIKEN___1 23584	33.69 0.66 0.00	29.88 0.70 0.00	28.09 0.55 0.00	26.73 0.50 0.00	26.09 0.36 0.00	26.84 0.53 0.00	30.03 0.65 0.00	32.32 0.63 0.00	36.19 0.61 0.01	38.81 0.69 0.00	40.68 0.88 0.00	45.65 1.16 0.00	50.74 1.33 0.00	52.82 1.69 0.00	54.44 1.84 0.00	72.24 2.48 -0.80	81.71 2.96 -0.73	91.95 3.30 -1.75	86.42 3.35 -1.44	91.89 3.85 -2.55	56.37 2.63 0.00	50.96 1.82 0.00	44.85 1.47 0.00	40.64 1.30 0.00
MILLIKEN___2 23585	33.69 0.66 0.00	29.88 0.70 0.00	28.09 0.55 0.00	26.73 0.50 0.00	26.09 0.36 0.00	26.84 0.53 0.00	30.03 0.65 0.00	32.32 0.63 0.00	36.19 0.61 0.01	38.81 0.69 0.00	40.68 0.88 0.00	45.65 1.16 0.00	50.74 1.33 0.00	52.82 1.69 0.00	54.44 1.84 0.00	72.24 2.48 -0.80	81.71 2.96 -0.73	91.95 3.30 -1.75	86.42 3.35 -1.44	91.89 3.85 -2.55	56.37 2.63 0.00	50.96 1.82 0.00	44.85 1.47 0.00	40.64 1.30 0.00
MILLIKEN___DIESEL 23629	33.69 0.66 0.00	29.88 0.70 0.00	28.09 0.55 0.00	26.73 0.50 0.00	26.09 0.36 0.00	26.84 0.53 0.00	30.03 0.65 0.00	32.32 0.63 0.00	36.19 0.61 0.01	38.81 0.69 0.00	40.68 0.88 0.00	45.65 1.16 0.00	50.74 1.33 0.00	52.82 1.69 0.00	54.44 1.84 0.00	72.24 2.48 -0.80	81.71 2.96 -0.73	91.95 3.30 -1.75	86.42 3.35 -1.44	91.89 3.85 -2.55	56.37 2.63 0.00	50.96 1.82 0.00	44.85 1.47 0.00	40.64 1.30 0.00
MILLSEAT___LFGE 323607	33.89 0.86 0.00	30.35 1.17 0.00	28.17 0.63 0.00	26.80 0.58 0.00	25.57 -0.15 0.00	27.13 0.82 0.00	30.14 0.76 0.00	31.59 -0.09 0.00	34.99 -0.61 0.00	37.59 -0.53 0.00	39.65 -0.16 0.00	44.63 0.13 0.00	49.56 0.15 0.00	51.80 0.66 0.00	54.23 1.63 0.00	69.79 0.83 0.00	78.80 0.78 0.00	87.24 0.35 0.00	82.12 0.49 0.00	87.30 1.80 0.00	56.21 2.47 0.00	49.24 0.10 0.00	43.54 0.17 0.00	39.85 0.51 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.88 1.85 0.00	30.72 1.55 0.00	29.08 1.54 0.00	27.70 1.47 0.00	27.19 1.47 0.00	27.84 1.53 0.00	31.00 1.62 0.00	33.62 1.93 0.00	37.95 2.21 -0.15	40.45 2.33 0.00	42.12 2.31 0.00	46.94 2.45 0.00	52.18 2.77 0.00	53.90 2.76 0.00	55.02 2.42 0.00	72.68 3.72 0.00	82.15 4.13 0.00	91.41 4.52 0.00	85.71 4.08 0.00	89.18 3.68 0.00	55.30 1.56 0.00	51.11 1.97 0.00	45.15 1.78 0.00	40.87 1.53 0.00

MILLWOOD_13_KV_LOAD 356217	34.98 1.95 0.00	30.78 1.60 0.00	29.16 1.62 0.00	27.78 1.55 0.00	27.25 1.52 0.00	27.89 1.58 0.00	31.08 1.70 0.00	33.71 2.03 0.00	38.09 2.35 -0.15	40.64 2.52 0.00	42.40 2.59 0.00	47.25 2.76 0.00	52.47 3.06 0.00	54.26 3.12 0.00	55.38 2.79 0.00	73.16 4.21 0.00	82.78 4.76 0.00	92.11 5.21 0.00	86.28 4.65 0.00	89.77 4.27 0.00	55.62 1.88 0.00	51.40 2.26 0.00	45.37 2.00 0.00	40.99 1.65 0.00
MODEL_CITY_ENERGY 24167	33.03 0.00 0.00	29.64 0.47 0.00	27.54 0.00 0.00	26.20 -0.03 0.00	24.96 -0.77 0.00	26.57 0.26 0.00	29.44 0.06 0.00	30.64 -1.04 0.00	33.92 -1.67 0.00	36.41 -1.72 0.00	38.30 -1.51 0.00	43.03 -1.47 0.00	47.83 -1.58 0.00	49.91 -1.23 0.00	52.23 -0.37 0.00	67.10 -1.86 0.00	75.75 -2.27 0.00	83.68 -3.21 0.00	78.70 -2.94 0.00	83.87 -1.63 0.00	54.17 0.43 0.00	47.42 -1.72 0.00	42.07 -1.30 0.00	38.67 -0.67 0.00
MODERN_LFGE_ 323580	33.03 0.00 0.00	29.64 0.47 0.00	27.54 0.00 0.00	26.20 -0.03 0.00	24.96 -0.77 0.00	26.57 0.26 0.00	29.44 0.06 0.00	30.64 -1.04 0.00	33.92 -1.67 0.00	36.41 -1.72 0.00	38.30 -1.51 0.00	43.03 -1.47 0.00	47.83 -1.58 0.00	49.91 -1.23 0.00	52.23 -0.37 0.00	67.10 -1.86 0.00	75.75 -2.27 0.00	83.68 -3.21 0.00	78.70 -2.94 0.00	83.87 -1.63 0.00	54.17 0.43 0.00	47.42 -1.72 0.00	42.07 -1.30 0.00	38.67 -0.67 0.00
MOHAWK_PAPER__DRP 24187	34.62 1.59 0.00	30.49 1.31 0.00	28.86 1.32 0.00	27.46 1.23 0.00	26.94 1.21 0.00	27.57 1.26 0.00	30.79 1.41 0.00	33.24 1.55 0.00	37.48 1.78 -0.10	39.88 1.75 0.00	41.76 1.95 0.00	46.50 2.00 0.00	51.73 2.32 0.00	53.39 2.25 0.00	54.81 2.21 0.00	72.06 3.10 0.00	81.37 3.35 0.00	90.72 3.82 0.00	85.14 3.51 0.00	89.01 3.51 0.00	55.89 2.15 0.00	51.60 2.46 0.00	45.41 2.04 0.00	41.15 1.81 0.00
MOHICAN__35_KV_115KV_LD 80490	35.34 2.31 0.00	31.10 1.93 0.00	29.44 1.90 0.00	27.96 1.73 0.00	27.40 1.67 0.00	28.07 1.76 0.00	31.38 2.00 0.00	34.00 2.31 0.00	38.43 2.74 -0.10	40.99 2.86 0.00	42.79 2.99 0.00	47.88 3.38 0.00	53.26 3.85 0.00	54.61 3.48 0.00	56.44 3.84 0.00	73.99 5.03 0.00	83.64 5.62 0.00	93.32 6.43 0.00	88.24 6.61 0.00	92.25 6.75 0.00	58.20 4.46 0.00	53.76 4.62 0.00	47.06 3.69 0.00	42.60 3.27 0.00
MONGAUP__HYD 23641	34.58 1.55 0.00	30.46 1.28 0.00	28.81 1.27 0.00	27.41 1.18 0.00	26.91 1.18 0.00	27.52 1.21 0.00	30.70 1.32 0.00	33.21 1.52 0.00	36.99 1.64 0.25	39.77 1.64 0.00	41.44 1.63 0.00	46.36 1.87 0.00	51.53 2.12 0.00	53.33 2.20 0.00	54.54 1.95 0.00	72.20 3.24 0.00	81.53 3.51 0.00	91.07 4.17 0.00	85.71 4.08 0.00	89.43 3.94 0.00	55.78 2.04 0.00	51.30 2.16 0.00	45.15 1.78 0.00	40.83 1.49 0.00
MONTAUK__DIESEL 23721	41.24 4.99 -3.23	40.47 4.26 -7.04	35.87 4.13 -4.20	30.18 3.93 -0.02	30.10 3.86 -0.51	30.98 4.00 -0.67	33.43 4.05 0.00	36.63 4.94 0.00	41.72 5.84 -0.29	44.47 6.21 -0.13	54.96 6.45 -8.71	60.25 7.30 -8.46	65.83 8.20 -8.22	72.30 8.39 -12.78	93.57 8.15 -32.82	180.95 10.55 -101.44	199.18 11.86 -109.30	248.19 11.56 -149.74	219.95 11.43 -126.89	99.46 11.29 -2.67	69.27 6.77 -8.76	62.04 7.03 -5.87	53.98 6.16 -4.45	48.70 5.51 -3.85
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.12 1.09 0.00	30.81 1.63 0.00	28.56 1.02 0.00	27.07 0.84 0.00	26.06 0.33 0.00	27.44 1.13 0.00	30.85 1.47 0.00	32.60 0.92 0.00	36.24 0.64 0.00	39.00 0.88 0.00	40.96 1.15 0.00	46.23 1.74 0.00	51.24 1.83 0.00	53.59 2.45 0.00	55.86 3.26 0.00	72.20 3.24 0.00	81.14 3.12 0.00	89.94 3.04 0.00	84.41 2.78 0.00	89.43 3.93 0.00	57.45 3.71 0.00	50.62 1.47 0.00	44.76 1.39 0.00	40.80 1.46 0.00
MORTIMER_115KV_TB3 55949	33.26 0.23 0.00	29.79 0.61 0.00	27.79 0.25 0.00	26.36 0.13 0.00	25.44 -0.28 0.00	26.50 0.18 0.00	29.67 0.29 0.00	31.59 -0.10 0.00	35.35 -0.25 0.00	38.01 -0.11 0.00	39.85 0.04 0.00	44.94 0.44 0.00	49.81 0.40 0.00	52.01 0.87 0.00	54.17 1.58 0.00	70.27 1.31 0.00	79.27 1.25 0.00	88.28 1.39 0.00	82.86 1.22 0.00	87.47 1.97 0.00	55.89 2.15 0.00	49.63 0.49 0.00	43.72 0.35 0.00	39.81 0.47 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.18 2.15 0.00	30.99 1.81 0.00	29.30 1.76 0.00	27.88 1.65 0.00	27.40 1.67 0.00	28.05 1.74 0.00	31.20 1.82 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.83 2.71 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.52 3.11 0.00	54.21 3.07 0.00	55.28 2.68 0.00	73.09 4.14 0.00	82.70 4.68 0.00	92.02 5.13 0.00	86.12 4.49 0.00	89.43 3.93 0.00	55.30 1.56 0.00	51.21 2.06 0.00	45.37 2.00 0.00	41.11 1.77 0.00
MUNSVILLE_WIND_PWR 323609	35.41 2.38 0.00	31.28 2.10 0.00	29.36 1.82 0.00	28.04 1.81 0.00	27.25 1.52 0.00	28.15 1.84 0.00	31.67 2.29 0.00	34.06 2.38 0.00	38.08 2.49 0.01	40.76 2.63 0.00	43.03 3.22 0.00	48.32 3.83 0.00	53.76 4.35 0.00	56.56 5.42 0.00	58.17 5.57 0.00	77.11 7.65 -0.50	87.06 8.58 -0.45	97.81 9.82 -1.09	92.49 9.96 -0.90	98.38 11.29 -1.59	61.37 7.63 0.00	54.89 5.75 0.00	48.10 4.73 0.00	43.55 4.21 0.00
N SALMON__HYD 24042	33.10 0.07 0.00	29.06 -0.12 0.00	27.43 -0.11 0.00	26.15 -0.08 0.00	25.75 0.03 0.00	26.05 -0.26 0.00	29.11 -0.26 0.00	31.53 -0.16 0.00	35.56 -0.04 0.00	38.13 0.00 0.00	39.53 -0.28 0.00	44.27 -0.22 0.00	48.57 -0.84 0.00	50.01 -1.13 0.00	51.55 -1.05 0.00	67.64 -1.31 0.00	77.00 -1.02 0.00	85.50 -1.39 0.00	80.49 -1.14 0.00	84.13 -1.37 0.00	52.94 -0.80 0.00	48.85 -0.29 0.00	43.46 0.09 0.00	39.50 0.16 0.00
N.AKRON__115KV_KNAPP 355671	33.46 0.43 0.00	30.37 1.20 0.00	28.17 0.63 0.00	26.67 0.45 0.00	25.57 -0.15 0.00	26.89 0.58 0.00	30.11 0.73 0.00	31.59 -0.10 0.00	34.99 -0.61 0.00	37.56 -0.57 0.00	39.49 -0.32 0.00	44.67 0.18 0.00	49.46 0.05 0.00	51.70 0.56 0.00	53.96 1.37 0.00	69.78 0.83 0.00	78.56 0.55 0.00	87.24 0.35 0.00	81.96 0.33 0.00	86.95 1.45 0.00	56.05 2.31 0.00	49.19 0.05 0.00	43.41 0.04 0.00	39.69 0.35 0.00
N.BELMOR_69_KV_BK1 55787	39.13 2.87 -3.23	38.61 2.39 -7.04	34.05 2.31 -4.20	28.47 2.23 -0.02	28.45 2.21 -0.51	29.27 2.29 -0.67	31.73 2.35 0.00	34.50 2.82 0.00	39.12 3.24 -0.29	41.77 3.51 -0.13	51.82 3.30 -8.71	56.46 3.52 -8.45	59.73 3.90 -6.41	55.65 3.94 -0.58	57.24 3.63 -1.01	73.51 4.55 0.00	83.17 5.15 0.00	92.72 5.82 0.00	86.53 4.90 0.00	89.86 4.36 0.00	56.16 2.42 0.00	53.03 3.19 -0.70	50.86 3.04 -4.45	45.82 2.64 -3.85
N.E_GEN_SANDY PD 24062	35.30 1.52 -0.75	35.50 1.34 -4.98	33.30 1.38 -4.39	30.80 1.31 -3.26	30.40 1.31 -3.36	32.00 1.34 -4.35	35.48 1.41 -4.69	33.24 1.55 0.00	37.55 1.81 -0.14	39.92 1.79 0.00	41.56 1.75 0.00	46.41 1.91 0.00	51.58 2.17 0.00	53.23 2.10 0.00	56.25 1.84 -1.81	69.70 2.55 1.81	80.59 2.57 0.00	90.02 3.12 0.00	84.41 2.78 0.00	80.92 2.56 7.14	62.23 1.34 -7.14	50.91 1.77 0.00	44.93 1.56 0.00	40.75 1.41 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.71 1.68 0.00	30.55 1.37 0.00	28.92 1.38 0.00	27.59 1.36 0.00	27.09 1.36 0.00	27.71 1.39 0.00	30.85 1.47 0.00	33.43 1.74 0.00	37.28 1.92 0.24	40.15 2.02 0.00	41.80 1.99 0.00	46.63 2.14 0.00	51.83 2.42 0.00	53.59 2.45 0.00	54.70 2.10 0.00	72.27 3.31 0.00	81.69 3.67 0.00	90.89 4.00 0.00	85.22 3.59 0.00	88.58 3.08 0.00	54.92 1.18 0.00	50.76 1.62 0.00	44.85 1.47 0.00	40.60 1.26 0.00
N.QUEENS_27_KV_LOAD 356247	35.48 2.44 -0.01	31.23 2.04 -0.01	29.53 1.98 -0.01	28.09 1.86 0.00	27.61 1.88 -0.01	28.32 2.00 -0.01	31.14 1.76 0.00	33.90 2.22 0.00	38.53 2.78 -0.16	40.87 2.75 0.00	42.55 2.75 0.00	47.39 2.89 0.00	52.57 3.16 0.00	54.01 2.86 -0.01	55.55 2.95 -0.01	73.44 4.48 0.00	83.32 5.31 0.00	92.72 5.82 -0.01	86.77 5.14 0.00	89.61 4.10 -0.01	55.45 1.72 0.01	51.26 2.11 -0.01	45.46 2.08 -0.01	41.24 1.89 -0.01
N.TROY___115KV_TB1 355778	34.65 1.62 0.00	30.55 1.37 0.00	28.92 1.38 0.00	27.51 1.29 0.00	26.99 1.26 0.00	27.65 1.34 0.00	30.82 1.44 0.00	33.24 1.55 0.00	37.51 1.82 -0.10	39.92 1.79 0.00	41.72 1.91 0.00	46.54 2.05 0.00	51.68 2.27 0.00	53.28 2.15 0.00	54.70 2.10 0.00	71.78 2.83 0.00	80.98 2.96 0.00	90.28 3.39 0.00	84.90 3.27 0.00	88.66 3.16 0.00	55.68 1.93 0.00	51.40 2.26 0.00	45.32 1.95 0.00	41.11 1.77 0.00
NARROWS_GT1_1 24228	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NARROWS_GT1_2 24229	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NARROWS_GT1_3 24230	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NARROWS_GT1_4 24231	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NARROWS_GT1_5 24232	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NARROWS_GT1_6 24233	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NARROWS_GT1_7 24234	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NARROWS_GT1_8 24235	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NARROWS_GT2_1 24236	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NARROWS_GT2_2 24237	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NARROWS_GT2_3 24238	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NARROWS_GT2_4 24239	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00

NARROWS_GT2_5 24240	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NARROWS_GT2_6 24241	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NARROWS_GT2_7 24242	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NARROWS_GT2_8 24243	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.49 2.89 0.00	76.12 4.75 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.77 4.27 0.00	55.45 1.72 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.88 1.85 0.00	30.69 1.52 0.00	29.05 1.51 0.00	27.62 1.39 0.00	27.07 1.34 0.00	27.73 1.42 0.00	31.05 1.67 0.00	33.49 1.81 0.00	37.46 1.78 -0.09	39.88 1.75 0.00	41.56 1.75 0.00	46.05 1.56 0.00	51.29 1.88 0.00	53.03 1.89 0.00	54.54 1.95 0.00	71.65 2.69 0.00	80.98 2.96 0.00	90.28 3.39 0.00	85.47 3.84 0.00	89.35 3.85 0.00	56.32 2.58 0.00	52.24 3.10 0.00	45.80 2.43 0.00	41.54 2.20 0.00
NCHELSEA_115KV_TR2 355582	35.08 2.05 0.00	30.84 1.66 0.00	29.22 1.68 0.00	27.80 1.57 0.00	27.27 1.54 0.00	27.92 1.60 0.00	31.11 1.73 0.00	33.71 2.03 0.00	37.89 2.24 -0.05	40.53 2.40 0.00	42.20 2.39 0.00	47.12 2.63 0.00	52.42 3.01 0.00	54.21 3.07 0.00	55.38 2.79 0.00	73.30 4.34 0.00	82.93 4.92 0.00	92.19 5.30 0.00	86.61 4.98 0.00	90.20 4.70 0.00	56.00 2.26 0.00	51.70 2.56 0.00	45.58 2.21 0.00	41.27 1.93 0.00
NEG CAPITAL___MECHNVIL 23645	35.21 2.18 0.00	31.05 1.87 0.00	29.36 1.82 0.00	27.91 1.68 0.00	27.38 1.65 0.00	28.00 1.69 0.00	31.29 1.91 0.00	33.81 2.12 0.00	38.19 2.49 -0.10	40.68 2.55 0.00	42.59 2.79 0.00	47.65 3.16 0.00	53.07 3.66 0.00	54.62 3.48 0.00	56.33 3.73 0.00	73.92 4.97 0.00	83.33 5.31 0.00	93.06 6.17 0.00	87.51 5.88 0.00	91.48 5.98 0.00	57.61 3.87 0.00	52.98 3.84 0.00	46.50 3.12 0.00	42.13 2.79 0.00
NEG CENTRAL_HIGH_ACRES 23767	32.80 -0.23 0.00	29.18 0.00 0.00	27.24 -0.30 0.00	25.94 -0.29 0.00	25.03 -0.69 0.00	26.10 -0.21 0.00	29.14 -0.24 0.00	31.15 -0.54 0.00	34.96 -0.64 0.00	37.63 -0.50 0.00	39.57 -0.24 0.00	44.45 -0.04 0.00	49.46 0.05 0.00	51.60 0.46 0.00	53.81 1.21 0.00	70.08 0.83 -0.29	79.14 0.86 -0.27	88.40 0.87 -0.64	82.89 0.73 -0.53	87.72 1.28 -0.93	55.19 1.45 0.00	49.19 0.05 0.00	43.33 -0.04 0.00	39.34 0.00 0.00
NEG CENTRAL___DRP 24199	33.16 0.13 0.00	29.62 0.44 0.00	27.76 0.22 0.00	26.39 0.16 0.00	25.70 -0.03 0.00	26.55 0.24 0.00	29.70 0.32 0.00	31.84 0.16 0.00	35.63 0.04 0.00	38.28 0.15 0.00	40.17 0.36 0.00	45.16 0.67 0.00	50.15 0.74 0.00	52.26 1.13 0.00	54.02 1.42 0.00	71.46 1.72 -0.78	80.67 1.95 -0.70	90.67 2.09 -1.69	85.14 2.12 -1.39	90.44 2.48 -2.46	55.68 1.93 0.00	50.13 0.98 0.00	44.06 0.69 0.00	40.01 0.67 0.00
NEG CENTRAL___INDECK 23768	34.71 1.68 0.00	30.96 1.78 0.00	28.81 1.27 0.00	27.44 1.21 0.00	26.37 0.64 0.00	27.68 1.37 0.00	30.76 1.38 0.00	31.56 -0.13 0.00	34.99 -0.61 0.00	37.44 -0.69 0.00	39.17 -0.64 0.00	42.71 -1.78 0.00	47.43 -1.98 0.00	49.45 -1.69 0.00	51.60 -1.00 0.00	66.82 -2.14 0.00	76.23 -1.79 0.00	85.50 -1.39 0.00	81.23 -0.41 0.00	86.44 0.94 0.00	55.73 1.99 0.00	49.34 0.20 0.00	44.72 1.35 0.00	40.56 1.22 0.00
NEG CENTRAL___SENECA 23627	33.29 0.26 0.00	29.82 0.64 0.00	27.90 0.36 0.00	26.52 0.29 0.00	25.75 0.03 0.00	26.68 0.37 0.00	29.88 0.50 0.00	31.94 0.25 0.00	35.67 0.07 0.00	38.32 0.19 0.00	40.29 0.48 0.00	45.39 0.89 0.00	50.40 0.99 0.00	52.62 1.48 0.00	54.49 1.89 0.00	71.56 2.21 -0.39	80.95 2.57 -0.36	90.45 2.69 -0.86	84.95 2.61 -0.71	89.91 3.16 -1.25	56.27 2.53 0.00	50.32 1.18 0.00	44.24 0.87 0.00	40.13 0.79 0.00
NEG CENTRAL___STATE_STREET 24147	33.49 0.46 0.00	29.76 0.58 0.00	27.92 0.39 0.00	26.60 0.37 0.00	25.96 0.23 0.00	26.71 0.39 0.00	29.82 0.44 0.00	32.13 0.44 0.00	36.09 0.50 0.00	38.78 0.65 0.00	40.41 0.60 0.00	45.34 0.85 0.00	50.35 0.94 0.00	52.42 1.28 0.00	54.54 1.95 0.00	72.07 2.00 -1.11	81.28 2.26 -1.00	92.44 3.13 -2.42	86.64 3.02 -1.99	92.35 3.33 -3.51	56.05 2.31 0.00	50.67 1.52 0.00	44.63 1.26 0.00	40.44 1.10 0.00
NEG MILLWOOD___DRP 24198	35.18 2.15 0.00	30.96 1.78 0.00	29.33 1.79 0.00	27.91 1.68 0.00	27.37 1.65 0.00	28.00 1.68 0.00	31.23 1.85 0.00	33.87 2.19 0.00	38.32 2.60 -0.12	40.91 2.78 0.00	42.79 2.99 0.00	47.74 3.25 0.00	53.12 3.71 0.00	54.87 3.73 0.00	56.12 3.52 0.00	74.27 5.31 0.00	83.95 5.93 0.00	93.59 6.69 0.00	87.75 6.12 0.00	91.40 5.90 0.00	56.64 2.90 0.00	52.24 3.10 0.00	45.93 2.56 0.00	41.39 2.05 0.00
NEG NORTH_FLCN_SEA 23793	33.43 0.40 0.00	29.38 0.20 0.00	27.70 0.17 0.00	26.41 0.18 0.00	26.01 0.28 0.00	26.42 0.11 0.00	29.53 0.15 0.00	31.97 0.29 0.00	36.02 0.43 0.00	38.62 0.50 0.00	40.05 0.24 0.00	44.81 0.31 0.00	49.76 0.35 0.00	50.63 -0.51 0.00	51.97 -0.63 0.00	67.92 -1.03 0.00	77.24 -0.78 0.00	86.03 -0.87 0.00	80.98 -0.65 0.00	84.64 -0.86 0.00	53.58 -0.16 0.00	49.34 0.20 0.00	43.98 0.61 0.00	39.85 0.51 0.00
NEG NORTH_KES_CHATEGAY 23792	33.06 0.03 0.00	29.06 -0.12 0.00	27.43 -0.11 0.00	26.15 -0.08 0.00	25.75 0.03 0.00	26.15 -0.16 0.00	29.20 -0.18 0.00	31.59 -0.10 0.00	35.60 0.00 0.00	38.13 0.00 0.00	39.57 -0.24 0.00	44.27 -0.22 0.00	49.16 -0.25 0.00	50.47 -0.66 0.00	51.97 -0.63 0.00	68.20 -0.76 0.00	77.47 -0.55 0.00	86.20 -0.70 0.00	81.22 -0.41 0.00	84.90 -0.60 0.00	53.58 -0.16 0.00	49.14 0.00 0.00	43.50 0.13 0.00	39.42 0.08 0.00

NEG NORTH___ALICE_FALLS 23915	33.39 0.36 0.00	29.35 0.18 0.00	27.68 0.14 0.00	26.39 0.16 0.00	25.99 0.26 0.00	26.39 0.08 0.00	29.50 0.12 0.00	31.94 0.25 0.00	35.99 0.39 0.00	38.59 0.46 0.00	39.97 0.16 0.00	44.72 0.22 0.00	49.71 0.30 0.00	50.68 -0.46 0.00	52.18 -0.42 0.00	68.41 -0.55 0.00	77.86 -0.16 0.00	86.63 -0.26 0.00	81.55 -0.08 0.00	85.24 -0.26 0.00	53.90 0.16 0.00	49.49 0.34 0.00	43.98 0.61 0.00	39.85 0.51 0.00
NEG NORTH___LWR_SARANAC 23913	33.39 0.36 0.00	29.35 0.18 0.00	27.68 0.14 0.00	26.39 0.16 0.00	25.99 0.26 0.00	26.39 0.08 0.00	29.50 0.12 0.00	31.94 0.25 0.00	35.99 0.39 0.00	38.59 0.46 0.00	39.97 0.16 0.00	44.72 0.22 0.00	49.71 0.30 0.00	50.68 -0.46 0.00	52.18 -0.42 0.00	68.41 -0.55 0.00	77.86 -0.16 0.00	86.63 -0.26 0.00	81.55 -0.08 0.00	85.24 -0.26 0.00	53.90 0.16 0.00	49.49 0.34 0.00	43.98 0.61 0.00	39.85 0.51 0.00
NEG NORTH___PLATTSBURG 23628	33.39 0.36 0.00	29.35 0.18 0.00	27.68 0.14 0.00	26.39 0.16 0.00	25.99 0.26 0.00	26.36 0.05 0.00	29.50 0.12 0.00	31.94 0.25 0.00	35.99 0.39 0.00	38.59 0.46 0.00	39.97 0.16 0.00	44.72 0.22 0.00	48.57 -0.84 0.00	49.86 -1.28 0.00	51.18 -1.42 0.00	66.89 -2.07 0.00	76.30 -1.72 0.00	84.73 -2.17 0.00	79.83 -1.80 0.00	83.45 -2.05 0.00	52.45 -1.29 0.00	48.95 -0.20 0.00	43.98 0.61 0.00	39.85 0.51 0.00
NEG WEST_LEA_LOCKPORT 23791	32.86 -0.17 0.00	29.88 0.70 0.00	27.76 0.22 0.00	26.25 0.03 0.00	25.16 -0.57 0.00	26.52 0.21 0.00	29.67 0.29 0.00	31.02 -0.67 0.00	34.14 -1.46 0.00	36.64 -1.49 0.00	38.41 -1.39 0.00	43.43 -1.07 0.00	48.08 -1.33 0.00	50.17 -0.97 0.00	52.44 -0.16 0.00	67.58 -1.38 0.00	75.91 -2.11 0.00	84.37 -2.52 0.00	79.18 -2.45 0.00	84.22 -1.28 0.00	54.44 0.70 0.00	47.77 -1.38 0.00	42.29 -1.08 0.00	38.75 -0.59 0.00
NEG WEST___LANCASTR 23811	33.13 0.10 0.00	29.91 0.73 0.00	27.79 0.25 0.00	26.33 0.10 0.00	25.34 -0.39 0.00	26.63 0.32 0.00	29.88 0.50 0.00	31.46 -0.22 0.00	34.99 -0.61 0.00	37.59 -0.53 0.00	39.41 -0.40 0.00	44.54 0.04 0.00	49.41 0.00 0.00	51.65 0.51 0.00	53.96 1.37 0.00	69.72 0.76 0.00	78.49 0.47 0.00	87.24 0.35 0.00	81.88 0.24 0.00	86.70 1.20 0.00	55.68 1.93 0.00	48.99 -0.15 0.00	43.33 -0.04 0.00	39.58 0.24 0.00
NEG_PENN_ALLEGHNY 23528	33.59 0.56 0.00	29.79 0.61 0.00	27.98 0.44 0.00	26.65 0.42 0.00	25.96 0.23 0.00	26.81 0.50 0.00	29.97 0.59 0.00	32.13 0.44 0.00	36.01 0.43 0.01	38.62 0.49 0.00	40.48 0.68 0.00	45.38 0.89 0.00	50.50 1.09 0.00	52.52 1.38 0.00	54.33 1.73 0.00	71.29 1.86 -0.47	80.47 2.03 -0.42	90.17 2.26 -1.02	84.68 2.20 -0.84	89.64 2.65 -1.49	55.67 1.93 0.00	50.22 1.08 0.00	44.32 0.95 0.00	40.20 0.86 0.00
NEG___GEN_MONROE 24207	33.36 0.33 0.00	30.02 0.85 0.00	27.92 0.39 0.00	26.49 0.26 0.00	25.55 -0.18 0.00	26.68 0.37 0.00	29.85 0.47 0.00	31.72 0.03 0.00	35.31 -0.28 0.00	37.98 -0.15 0.00	40.09 0.28 0.00	45.25 0.76 0.00	50.10 0.69 0.00	52.36 1.23 0.00	54.23 1.63 0.00	70.82 1.86 0.00	79.74 1.72 0.00	88.02 1.13 0.00	82.77 1.14 0.00	87.47 1.97 0.00	55.94 2.20 0.00	49.78 0.64 0.00	43.89 0.52 0.00	40.09 0.75 0.00
NEPA___ENERGY 23901	33.46 0.43 0.00	30.17 0.99 0.00	28.06 0.52 0.00	26.60 0.37 0.00	25.60 -0.13 0.00	26.89 0.58 0.00	30.17 0.79 0.00	31.81 0.13 0.00	35.42 -0.18 0.00	38.01 -0.11 0.00	39.85 0.04 0.00	44.98 0.49 0.00	49.86 0.44 0.00	52.11 0.97 0.00	54.49 1.89 0.00	70.27 1.31 0.00	79.03 1.01 0.00	87.85 0.96 0.00	82.53 0.90 0.00	87.30 1.80 0.00	56.11 2.36 0.00	49.44 0.29 0.00	43.76 0.39 0.00	39.93 0.59 0.00
NEVERSINK___HYD 23608	34.12 1.09 0.00	30.05 0.87 0.00	28.42 0.88 0.00	27.07 0.84 0.00	26.58 0.85 0.00	27.13 0.82 0.00	30.29 0.91 0.00	32.82 1.14 0.00	36.75 1.21 0.05	39.42 1.30 0.00	40.84 1.03 0.00	45.79 1.29 0.00	50.99 1.58 0.00	51.19 0.05 0.00	52.23 -0.37 0.00	69.44 0.49 0.00	79.11 1.09 0.00	88.20 1.31 0.00	82.93 1.30 0.00	86.44 0.94 0.00	53.69 -0.05 0.00	50.67 1.53 0.00	44.58 1.21 0.00	40.36 1.02 0.00
NEWKRMKL_115KV_TB1 55635	34.09 1.06 0.00	30.02 0.85 0.00	28.45 0.91 0.00	27.07 0.84 0.00	26.55 0.82 0.00	27.21 0.89 0.00	30.38 1.00 0.00	32.76 1.08 0.00	36.87 1.17 -0.10	39.27 1.14 0.00	41.08 1.27 0.00	45.65 1.16 0.00	50.74 1.33 0.00	52.36 1.23 0.00	53.70 1.10 0.00	70.54 1.59 0.00	79.66 1.64 0.00	88.72 1.82 0.00	83.35 1.71 0.00	87.04 1.54 0.00	54.60 0.86 0.00	50.52 1.38 0.00	44.50 1.13 0.00	40.36 1.02 0.00
NEWTON___FALLS_HYD 23847	32.70 -0.33 0.00	28.77 -0.41 0.00	27.10 -0.44 0.00	25.86 -0.37 0.00	25.32 -0.41 0.00	25.60 -0.71 0.00	28.62 -0.76 0.00	30.92 -0.76 0.00	34.74 -0.85 0.00	37.21 -0.92 0.00	38.85 -0.96 0.00	43.61 -0.89 0.00	48.42 -0.99 0.00	50.06 -1.07 0.00	51.54 -1.05 0.00	68.32 -1.10 -0.46	77.50 -0.94 -0.42	86.94 -0.96 -1.00	81.80 -0.65 -0.83	86.45 -0.51 -1.46	53.63 -0.11 0.00	48.75 -0.39 0.00	43.15 -0.22 0.00	39.38 0.04 0.00
NGRID_A1_DSASP 323792	32.47 -0.56 0.00	29.12 -0.06 0.00	27.07 -0.47 0.00	25.76 -0.47 0.00	24.52 -1.21 0.00	26.13 -0.18 0.00	29.06 -0.32 0.00	30.32 -1.36 0.00	33.71 -1.89 0.00	36.18 -1.94 0.00	37.98 -1.83 0.00	42.63 -1.87 0.00	47.38 -2.03 0.00	49.40 -1.74 0.00	51.70 -0.89 0.00	66.41 -2.55 0.00	74.90 -3.12 0.00	82.81 -4.08 0.00	77.80 -3.84 0.00	83.02 -2.48 0.00	53.63 -0.11 0.00	46.93 -2.21 0.00	41.77 -1.60 0.00	38.36 -0.98 0.00
NGRID_A2_DSASP 323793	32.47 -0.56 0.00	29.12 -0.06 0.00	27.07 -0.47 0.00	25.76 -0.47 0.00	24.52 -1.21 0.00	26.13 -0.18 0.00	29.06 -0.32 0.00	30.32 -1.36 0.00	33.71 -1.89 0.00	36.18 -1.94 0.00	37.98 -1.83 0.00	42.63 -1.87 0.00	47.38 -2.03 0.00	49.40 -1.74 0.00	51.70 -0.89 0.00	66.41 -2.55 0.00	74.90 -3.12 0.00	82.81 -4.08 0.00	77.80 -3.84 0.00	83.02 -2.48 0.00	53.63 -0.11 0.00	46.93 -2.21 0.00	41.77 -1.60 0.00	38.36 -0.98 0.00
NGRID_A4_DSASP 323807	32.44 -0.59 0.00	29.12 -0.06 0.00	27.07 -0.47 0.00	25.60 -0.63 0.00	24.52 -1.21 0.00	25.89 -0.42 0.00	29.00 -0.38 0.00	30.32 -1.36 0.00	33.71 -1.89 0.00	36.18 -1.94 0.00	37.82 -1.99 0.00	42.67 -1.82 0.00	47.29 -2.12 0.00	49.30 -1.84 0.00	51.54 -1.05 0.00	66.34 -2.62 0.00	74.59 -3.43 0.00	82.90 -4.00 0.00	77.79 -3.84 0.00	82.76 -2.74 0.00	53.53 -0.21 0.00	46.93 -2.21 0.00	41.68 -1.69 0.00	38.28 -1.06 0.00
NIAGARA_115E_LBMP 323715	32.87 -0.16 0.00	29.50 0.32 0.00	27.43 -0.11 0.00	26.10 -0.13 0.00	24.85 -0.87 0.00	26.47 0.16 0.00	29.29 -0.09 0.00	30.42 -1.27 0.00	33.74 -1.85 0.00	36.22 -1.91 0.00	38.06 -1.75 0.00	42.76 -1.74 0.00	47.53 -1.88 0.00	49.60 -1.53 0.00	51.91 -0.69 0.00	66.68 -2.27 0.00	75.29 -2.73 0.00	83.16 -3.73 0.00	78.21 -3.43 0.00	83.37 -2.13 0.00	53.85 0.11 0.00	47.13 -2.02 0.00	41.85 -1.52 0.00	38.47 -0.87 0.00

NIAGARA_115W_LBMP 323714	32.37 -0.66 0.00	29.06 -0.12 0.00	26.99 -0.55 0.00	25.68 -0.55 0.00	24.44 -1.29 0.00	26.05 -0.26 0.00	28.97 -0.41 0.00	30.26 -1.43 0.00	33.60 -1.99 0.00	36.07 -2.06 0.00	37.86 -1.95 0.00	42.49 -2.00 0.00	47.24 -2.17 0.00	49.25 -1.89 0.00	51.55 -1.05 0.00	66.20 -2.76 0.00	74.74 -3.27 0.00	82.55 -4.34 0.00	77.63 -4.00 0.00	82.76 -2.74 0.00	53.47 -0.27 0.00	46.78 -2.36 0.00	41.63 -1.74 0.00	38.24 -1.10 0.00
NIAGARA_230_LBMP 323716	32.83 -0.20 0.00	29.44 0.26 0.00	27.37 -0.16 0.00	26.05 -0.18 0.00	24.80 -0.93 0.00	26.39 0.08 0.00	29.35 -0.03 0.00	30.67 -1.02 0.00	34.10 -1.49 0.00	36.56 -1.56 0.00	38.45 -1.35 0.00	43.20 -1.29 0.00	48.03 -1.38 0.00	50.06 -1.08 0.00	52.34 -0.26 0.00	67.30 -1.66 0.00	75.92 -2.10 0.00	83.94 -2.95 0.00	78.86 -2.78 0.00	84.05 -1.45 0.00	54.28 0.54 0.00	47.57 -1.57 0.00	42.24 -1.13 0.00	38.75 -0.59 0.00
NIAGARA__115KV_198_GIBSON 55903	32.37 -0.66 0.00	29.03 -0.15 0.00	26.99 -0.55 0.00	25.55 -0.68 0.00	24.47 -1.26 0.00	25.81 -0.50 0.00	28.91 -0.47 0.00	30.26 -1.43 0.00	33.60 -1.99 0.00	36.07 -2.06 0.00	37.70 -2.11 0.00	42.58 -1.91 0.00	47.14 -2.27 0.00	49.19 -1.94 0.00	51.39 -1.21 0.00	66.20 -2.76 0.00	74.35 -3.67 0.00	82.64 -4.26 0.00	77.55 -4.08 0.00	82.59 -2.91 0.00	53.42 -0.32 0.00	46.83 -2.31 0.00	41.55 -1.82 0.00	38.20 -1.14 0.00
NIAGARA____ 23760	32.54 -0.49 0.00	29.18 0.00 0.00	27.13 -0.41 0.00	25.81 -0.42 0.00	24.57 -1.16 0.00	26.18 -0.13 0.00	29.09 -0.29 0.00	30.45 -1.24 0.00	33.82 -1.78 0.00	36.30 -1.83 0.00	38.14 -1.67 0.00	42.85 -1.65 0.00	47.68 -1.73 0.00	49.71 -1.43 0.00	52.02 -0.58 0.00	66.82 -2.14 0.00	75.45 -2.57 0.00	83.42 -3.48 0.00	78.45 -3.18 0.00	83.54 -1.96 0.00	53.96 0.22 0.00	47.18 -1.97 0.00	41.90 -1.47 0.00	38.36 -0.98 0.00
NINE_MILE_1 23575	32.07 -0.96 0.00	28.36 -0.82 0.00	26.71 -0.83 0.00	25.44 -0.79 0.00	24.88 -0.85 0.00	25.55 -0.76 0.00	28.53 -0.85 0.00	30.70 -0.98 0.00	34.46 -1.14 0.00	36.95 -1.18 0.00	38.69 -1.11 0.00	43.30 -1.20 0.00	48.13 -1.28 0.00	49.91 -1.23 0.00	51.49 -1.11 0.00	60.42 -1.66 6.88	69.92 -1.87 6.22	69.82 -2.09 14.99	67.35 -1.96 12.32	61.84 -1.88 21.78	52.72 -1.02 0.00	47.86 -1.28 0.00	42.24 -1.13 0.00	38.32 -1.02 0.00
NINE_MILE_2 23744	32.07 -0.96 0.00	28.36 -0.82 0.00	26.71 -0.83 0.00	25.44 -0.79 0.00	24.88 -0.85 0.00	25.55 -0.76 0.00	28.53 -0.85 0.00	30.70 -0.98 0.00	34.49 -1.10 0.00	36.95 -1.18 0.00	38.69 -1.11 0.00	43.30 -1.20 0.00	48.13 -1.28 0.00	49.91 -1.23 0.00	51.49 -1.11 0.00	60.31 -1.66 6.99	69.83 -1.87 6.31	69.59 -2.09 15.22	67.16 -1.96 12.51	61.51 -1.88 22.11	52.72 -1.02 0.00	47.86 -1.28 0.00	42.24 -1.13 0.00	38.32 -1.02 0.00
NM_CAPITAL____DRP 24208	34.19 1.16 0.00	30.14 0.96 0.00	28.53 0.99 0.00	27.17 0.94 0.00	26.65 0.93 0.00	27.28 0.97 0.00	30.47 1.09 0.00	32.86 1.17 0.00	36.98 1.28 -0.10	39.39 1.26 0.00	41.12 1.31 0.00	45.74 1.25 0.00	50.84 1.43 0.00	52.47 1.33 0.00	53.81 1.21 0.00	70.61 1.65 0.00	79.74 1.72 0.00	88.89 2.00 0.00	83.51 1.88 0.00	87.21 1.71 0.00	54.71 0.97 0.00	50.62 1.47 0.00	44.59 1.21 0.00	40.44 1.10 0.00
NM_CENTRAL____DRP 24181	32.63 -0.40 0.00	28.94 -0.23 0.00	27.21 -0.33 0.00	25.94 -0.29 0.00	25.34 -0.39 0.00	26.02 -0.29 0.00	29.09 -0.29 0.00	31.30 -0.38 0.00	35.20 -0.39 0.00	37.78 -0.34 0.00	39.61 -0.20 0.00	44.41 -0.09 0.00	49.31 -0.10 0.00	51.24 0.10 0.00	52.86 0.26 0.00	69.90 0.28 -0.67	78.93 0.31 -0.60	88.60 0.26 -1.45	82.99 0.16 -1.19	87.95 0.34 -2.11	54.12 0.38 0.00	49.09 -0.05 0.00	43.28 -0.09 0.00	39.22 -0.12 0.00
NM_FRONTIER____DRP 24179	32.37 -0.66 0.00	29.03 -0.15 0.00	26.99 -0.55 0.00	25.55 -0.68 0.00	24.47 -1.26 0.00	25.81 -0.50 0.00	28.91 -0.47 0.00	30.26 -1.43 0.00	33.60 -1.99 0.00	36.07 -2.06 0.00	37.70 -2.11 0.00	42.58 -1.91 0.00	47.14 -2.27 0.00	49.19 -1.94 0.00	51.39 -1.21 0.00	66.20 -2.76 0.00	74.35 -3.67 0.00	82.64 -4.26 0.00	77.55 -4.08 0.00	82.59 -2.91 0.00	53.42 -0.32 0.00	46.83 -2.31 0.00	41.55 -1.82 0.00	38.20 -1.14 0.00
NM_ST_REGIS____HYD 24053	32.73 -0.30 0.00	28.77 -0.41 0.00	27.15 -0.39 0.00	25.89 -0.34 0.00	25.39 -0.33 0.00	25.52 -0.79 0.00	28.47 -0.91 0.00	30.83 -0.86 0.00	34.74 -0.85 0.00	37.21 -0.92 0.00	38.73 -1.07 0.00	43.38 -1.11 0.00	48.13 -1.28 0.00	49.55 -1.59 0.00	51.07 -1.53 0.00	67.51 -1.65 -0.21	76.65 -1.56 -0.19	85.44 -1.91 -0.46	80.29 -1.71 -0.37	84.37 -1.80 -0.66	52.72 -1.02 0.00	48.21 -0.93 0.00	42.76 -0.61 0.00	39.06 -0.28 0.00
NORTHPORT____1 23551	39.03 2.77 -3.23	38.55 2.34 -7.04	34.08 2.34 -4.20	28.50 2.26 -0.02	28.51 2.26 -0.51	29.33 2.34 -0.67	31.76 2.38 0.00	34.63 2.95 0.00	39.23 3.35 -0.29	41.80 3.55 -0.13	51.62 3.11 -8.71	56.24 3.29 -8.45	59.15 3.86 -5.88	55.31 3.28 -0.90	57.24 2.79 -1.86	75.38 3.72 -2.70	84.75 3.82 -2.91	87.01 4.95 4.84	88.49 4.08 -2.78	88.74 3.17 -0.07	54.63 1.56 0.67	52.33 3.19 0.00	50.56 2.73 -4.45	45.74 2.56 -3.85
NORTHPORT____2 23552	39.03 2.77 -3.23	38.55 2.34 -7.04	34.08 2.34 -4.20	28.50 2.26 -0.02	28.51 2.26 -0.51	29.33 2.34 -0.67	31.76 2.38 0.00	34.63 2.95 0.00	39.23 3.35 -0.29	41.80 3.55 -0.13	51.62 3.11 -8.71	56.24 3.29 -8.45	59.15 3.86 -5.88	55.31 3.28 -0.90	57.24 2.79 -1.86	75.38 3.72 -2.70	84.75 3.82 -2.91	87.01 4.95 4.84	88.49 4.08 -2.78	88.74 3.17 -0.07	54.63 1.56 0.67	52.33 3.19 0.00	50.56 2.73 -4.45	45.74 2.56 -3.85
NORTHPORT____3 23553	39.10 2.84 -3.23	38.61 2.39 -7.04	34.08 2.34 -4.20	28.47 2.23 -0.02	28.45 2.21 -0.51	29.25 2.26 -0.67	31.73 2.35 0.00	34.57 2.88 0.00	39.23 3.35 -0.29	41.88 3.62 -0.13	51.62 3.11 -8.71	55.93 2.98 -8.45	58.33 2.86 -6.05	54.06 3.43 0.50	54.06 3.26 1.80	64.40 4.42 8.97	72.72 4.37 9.67	79.30 5.64 13.24	75.31 4.90 11.22	89.02 3.76 0.24	55.25 1.93 0.42	51.87 2.46 -0.27	50.73 2.91 -4.45	45.94 2.75 -3.85
NORTHPORT____4 23650	39.10 2.84 -3.23	38.61 2.39 -7.04	34.08 2.34 -4.20	28.47 2.23 -0.02	28.45 2.21 -0.51	29.25 2.26 -0.67	31.73 2.35 0.00	34.57 2.88 0.00	39.23 3.35 -0.29	41.88 3.62 -0.13	51.62 3.11 -8.71	55.93 2.98 -8.45	58.33 2.86 -6.05	54.06 3.43 0.50	54.06 3.26 1.80	64.40 4.42 8.97	72.72 4.37 9.67	79.30 5.64 13.24	75.31 4.90 11.22	89.02 3.76 0.24	55.25 1.93 0.42	51.87 2.46 -0.27	50.73 2.91 -4.45	45.94 2.75 -3.85
NORTHPORT____IC 23718	39.03 2.77 -3.23	38.55 2.34 -7.04	34.08 2.34 -4.20	28.50 2.26 -0.02	28.51 2.26 -0.51	29.33 2.34 -0.67	31.76 2.38 0.00	34.63 2.95 0.00	39.23 3.35 -0.29	41.80 3.55 -0.13	51.62 3.11 -8.71	56.24 3.29 -8.45	59.15 3.86 -5.88	55.31 3.28 -0.90	57.24 2.79 -1.86	75.38 3.72 -2.70	84.75 3.82 -2.91	87.01 4.95 4.84	88.49 4.08 -2.78	88.74 3.17 -0.07	54.63 1.56 0.67	52.33 3.19 0.00	50.56 2.73 -4.45	45.74 2.56 -3.85

NORTH____COUNTRY_ESR 323785	32.96 -0.07 0.00	29.00 -0.17 0.00	27.37 -0.16 0.00	26.07 -0.16 0.00	25.70 -0.03 0.00	26.07 -0.24 0.00	29.14 -0.24 0.00	31.53 -0.16 0.00	35.52 -0.07 0.00	38.09 -0.04 0.00	39.53 -0.28 0.00	44.23 -0.27 0.00	48.47 -0.94 0.00	49.91 -1.23 0.00	51.23 -1.37 0.00	67.16 -1.79 0.00	76.38 -1.64 0.00	84.90 -2.00 0.00	79.91 -1.72 0.00	83.62 -1.88 0.00	52.56 -1.18 0.00	48.60 -0.54 0.00	43.37 0.00 0.00	39.30 -0.04 0.00
NPX_GEN_1385_PROXY 323591	38.67 2.41 -3.23	38.26 2.04 -7.04	34.00 2.26 -4.20	28.50 2.26 -0.02	28.53 2.29 -0.51	29.54 2.55 -0.67	31.97 2.59 0.00	34.79 3.11 0.00	39.16 3.27 -0.29	41.76 3.51 -0.13	51.18 2.67 -8.71	55.88 2.94 -8.45	59.10 3.80 -5.88	55.31 3.28 -0.90	59.00 2.73 -3.67	73.50 3.65 -0.89	83.82 2.89 -2.91	86.40 4.34 4.84	88.41 4.00 -2.78	80.82 2.39 7.07	61.35 1.13 -6.47	51.59 2.46 0.00	49.99 2.17 -4.45	45.43 2.24 -3.85
NPX_GEN_CSC 323557	39.36 3.10 -3.23	38.81 2.60 -7.04	34.36 2.62 -4.20	28.82 2.57 -0.02	28.84 2.60 -0.51	29.59 2.61 -0.67	31.88 2.50 0.00	34.88 3.20 0.00	39.59 3.70 -0.29	42.03 3.78 -0.13	52.14 3.62 -8.71	56.96 4.01 -8.46	62.17 4.54 -8.21	68.34 4.45 -12.76	91.33 4.15 -34.58	174.01 5.58 -99.47	192.92 5.77 -109.13	243.35 6.95 -149.50	214.52 6.20 -126.68	86.33 5.30 4.47	72.53 2.90 -15.89	57.81 3.84 -4.83	51.21 3.39 -4.45	46.26 3.07 -3.85
NSINS_S_GLNS_FALLS 23858	35.34 2.31 0.00	31.07 1.90 0.00	29.44 1.90 0.00	27.93 1.70 0.00	27.40 1.67 0.00	28.05 1.74 0.00	31.38 2.00 0.00	34.00 2.31 0.00	38.43 2.74 -0.10	40.99 2.86 0.00	42.79 2.99 0.00	47.88 3.38 0.00	53.31 3.90 0.00	54.61 3.48 0.00	56.44 3.84 0.00	73.99 5.03 0.00	83.64 5.62 0.00	93.32 6.43 0.00	88.16 6.53 0.00	92.17 6.67 0.00	58.20 4.46 0.00	53.81 4.67 0.00	47.06 3.69 0.00	42.64 3.30 0.00
NUCOR_STEEL____DRP 24197	33.33 0.30 0.00	29.62 0.44 0.00	27.79 0.25 0.00	26.46 0.24 0.00	25.83 0.10 0.00	26.55 0.24 0.00	29.67 0.29 0.00	31.97 0.29 0.00	35.88 0.28 0.00	38.51 0.38 0.00	40.37 0.56 0.00	45.25 0.76 0.00	50.25 0.84 0.00	52.26 1.13 0.00	54.07 1.47 0.00	71.95 1.79 -1.20	81.13 2.03 -1.09	91.77 2.26 -2.61	85.98 2.20 -2.15	91.86 2.56 -3.80	55.51 1.77 0.00	50.27 1.13 0.00	44.28 0.91 0.00	40.17 0.83 0.00
NUMBER_THREE_WT_PWR 323818	33.00 -0.03 0.00	29.09 -0.09 0.00	27.37 -0.16 0.00	26.12 -0.10 0.00	25.52 -0.21 0.00	26.02 -0.29 0.00	29.14 -0.24 0.00	31.46 -0.22 0.00	35.31 -0.29 0.00	37.82 -0.31 0.00	39.69 -0.12 0.00	44.58 0.09 0.00	49.56 0.15 0.00	51.39 0.26 0.00	52.86 0.26 0.00	70.03 0.49 -0.59	79.25 0.70 -0.53	89.22 1.05 -1.28	83.98 1.30 -1.05	89.07 1.71 -1.86	54.98 1.24 0.00	49.88 0.74 0.00	44.06 0.69 0.00	40.05 0.71 0.00
NYISO_LBMP_REFERENCE 24008	33.03 0.00 0.00	29.18 0.00 0.00	27.54 0.00 0.00	26.23 0.00 0.00	25.73 0.00 0.00	26.31 0.00 0.00	29.38 0.00 0.00	31.68 0.00 0.00	35.60 0.00 0.00	38.13 0.00 0.00	39.81 0.00 0.00	44.50 0.00 0.00	49.41 0.00 0.00	51.14 0.00 0.00	52.60 0.00 0.00	68.96 0.00 0.00	78.02 0.00 0.00	86.89 0.00 0.00	81.63 0.00 0.00	85.50 0.00 0.00	53.74 0.00 0.00	49.14 0.00 0.00	43.37 0.00 0.00	39.34 0.00 0.00
NYPA_BRENTWD____GT 24164	39.63 3.37 -3.23	39.08 2.86 -7.04	34.52 2.78 -4.20	28.89 2.65 -0.02	28.89 2.65 -0.51	29.72 2.74 -0.67	32.17 2.79 0.00	35.11 3.42 0.00	39.83 3.95 -0.29	42.49 4.23 -0.13	52.49 3.98 -8.71	57.30 4.31 -8.49	66.91 4.94 -12.56	58.80 4.55 -3.12	64.23 4.00 -7.63	95.18 5.10 -21.12	106.15 5.38 -22.75	124.75 6.69 -31.17	113.76 5.71 -26.41	90.84 4.79 -0.56	67.41 2.79 -10.88	65.03 4.27 -11.62	51.55 3.73 -4.45	46.53 3.34 -3.85
NYPA_GOWANUS____GT5 24156	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.43 2.84 0.00	76.06 4.69 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.69 4.19 0.00	55.40 1.67 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NYPA_GOWANUS____GT6 24157	35.42 2.38 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.07 1.84 -0.01	27.61 1.88 -0.01	28.18 1.87 0.00	31.20 1.82 0.00	34.03 2.34 0.00	38.60 2.85 -0.16	41.06 2.94 0.00	42.55 2.74 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.51 3.37 0.00	55.43 2.84 0.00	76.06 4.69 -2.41	137.08 5.31 -53.75	92.86 5.91 -0.06	86.83 5.15 -0.06	89.69 4.19 0.00	55.40 1.67 0.01	51.30 2.16 0.00	45.28 1.91 0.00	41.11 1.77 0.00
NYPA_HARLEM_RVR_GT1 24160	35.31 2.28 -0.01	31.17 1.99 -0.01	29.47 1.93 -0.01	27.99 1.76 0.00	27.56 1.83 -0.01	28.16 1.84 -0.01	31.05 1.67 0.01	33.83 2.16 0.01	38.42 2.67 -0.16	40.72 2.59 0.00	42.32 2.51 0.00	47.26 2.76 0.00	52.53 3.11 0.00	54.47 3.32 -0.01	55.34 2.73 -0.01	73.37 4.42 0.00	83.09 5.07 0.00	92.54 5.64 0.00	86.61 4.98 0.00	89.43 3.94 0.00	55.34 1.61 0.01	51.21 2.06 -0.01	45.28 1.91 -0.01	41.12 1.77 -0.01
NYPA_HARLEM_RVR_GT2 24161	35.31 2.28 -0.01	31.17 1.99 -0.01	29.47 1.93 -0.01	27.99 1.76 0.00	27.56 1.83 -0.01	28.16 1.84 -0.01	31.05 1.67 0.01	33.83 2.16 0.01	38.42 2.67 -0.16	40.72 2.59 0.00	42.32 2.51 0.00	47.26 2.76 0.00	52.53 3.11 0.00	54.47 3.32 -0.01	55.34 2.73 -0.01	73.37 4.42 0.00	83.09 5.07 0.00	92.54 5.64 0.00	86.61 4.98 0.00	89.43 3.94 0.00	55.34 1.61 0.01	51.21 2.06 -0.01	45.28 1.91 -0.01	41.12 1.77 -0.01
NYPA_KENT____GT 24152	35.31 2.28 0.00	31.17 1.99 0.00	29.47 1.93 0.00	27.99 1.76 0.00	27.53 1.80 0.00	28.13 1.81 0.00	31.20 1.82 0.00	34.00 2.31 0.00	38.53 2.78 -0.16	40.99 2.86 0.00	42.48 2.67 0.00	47.35 2.85 0.00	52.58 3.17 0.00	54.41 3.28 0.00	55.33 2.73 0.00	74.82 4.48 -1.38	113.86 5.07 -30.77	92.57 5.64 -0.03	86.56 4.90 -0.03	89.52 4.02 0.00	55.29 1.56 0.01	51.21 2.06 0.00	45.23 1.86 0.00	41.07 1.73 0.00
NYPA_POUCH1____GT 24155	36.61 2.28 -1.30	31.20 2.01 -0.01	29.53 1.98 -0.01	28.04 1.81 -0.01	27.59 1.85 -0.01	28.15 1.84 0.00	31.11 1.73 0.00	35.03 2.25 -1.09	41.73 2.78 -3.36	44.47 2.78 -3.56	38.46 2.59 3.94	41.38 2.71 5.83	44.27 3.01 8.16	46.06 3.17 8.24	45.98 2.68 9.30	90.18 4.48 -16.74	176.08 5.15 -92.92	107.98 5.73 -15.35	102.16 4.98 -15.55	104.24 4.02 -14.72	45.55 1.50 9.69	43.36 2.02 7.80	40.12 1.74 4.99	37.08 1.61 3.87
NYPA_VERNON____GT2 24162	35.24 2.21 0.00	31.07 1.90 0.00	29.38 1.85 0.00	27.93 1.70 0.00	27.48 1.75 0.00	28.07 1.76 0.00	31.17 1.79 0.00	33.97 2.28 0.00	38.46 2.70 -0.16	40.91 2.78 0.00	42.43 2.63 0.00	47.30 2.80 0.00	52.53 3.11 0.00	54.31 3.17 0.00	55.23 2.63 0.00	73.65 4.35 -0.35	90.65 4.84 -7.80	92.29 5.39 -0.01	86.29 4.65 -0.01	89.35 3.85 0.00	55.19 1.45 0.01	51.16 2.02 0.00	45.19 1.82 0.00	41.03 1.69 0.00

NYPY_VERNON____GT3 24163	35.24 2.21 0.00	31.07 1.90 0.00	29.38 1.85 0.00	27.93 1.70 0.00	27.48 1.75 0.00	28.07 1.76 0.00	31.17 1.79 0.00	33.97 2.28 0.00	38.46 2.70 -0.16	40.91 2.78 0.00	42.43 2.63 0.00	47.30 2.80 0.00	52.53 3.11 0.00	54.31 3.17 0.00	55.23 2.63 0.00	73.65 4.35 -0.35	90.65 4.84 -7.80	92.29 5.39 -0.01	86.29 4.65 -0.01	89.35 3.85 0.00	55.19 1.45 0.01	51.16 2.02 0.00	45.19 1.82 0.00	41.03 1.69 0.00
NYPY____ASTORIA_CC1 323568	35.21 2.18 0.00	31.05 1.87 0.00	29.36 1.82 0.00	27.91 1.68 0.00	27.45 1.72 0.00	28.05 1.74 0.00	31.11 1.73 0.00	33.90 2.22 0.00	38.39 2.63 -0.16	40.80 2.67 0.00	42.36 2.55 0.00	47.21 2.71 0.00	52.43 3.01 0.00	54.26 3.12 0.00	55.12 2.52 0.00	73.16 4.21 0.00	82.78 4.76 0.00	92.20 5.30 0.00	86.20 4.57 0.00	89.17 3.67 0.00	55.08 1.34 0.01	51.06 1.91 0.00	45.15 1.78 0.00	40.99 1.65 0.00
NYPY____ASTORIA_CC2 323569	35.21 2.18 0.00	31.05 1.87 0.00	29.36 1.82 0.00	27.91 1.68 0.00	27.45 1.72 0.00	28.05 1.74 0.00	31.11 1.73 0.00	33.90 2.22 0.00	38.39 2.63 -0.16	40.80 2.67 0.00	42.36 2.55 0.00	47.21 2.71 0.00	52.43 3.01 0.00	54.26 3.12 0.00	55.12 2.52 0.00	73.16 4.21 0.00	82.78 4.76 0.00	92.20 5.30 0.00	86.20 4.57 0.00	89.17 3.67 0.00	55.08 1.34 0.01	51.06 1.91 0.00	45.15 1.78 0.00	40.99 1.65 0.00
NYPY____HOLTSVILL 23794	39.43 3.17 -3.23	38.87 2.65 -7.04	34.39 2.64 -4.20	28.79 2.54 -0.02	28.79 2.55 -0.51	29.59 2.61 -0.67	31.99 2.61 0.00	34.95 3.26 0.00	39.62 3.74 -0.29	42.15 3.89 -0.13	52.14 3.62 -8.71	56.82 3.87 -8.46	61.96 4.35 -8.20	67.84 4.14 -12.56	88.64 3.79 -32.26	173.64 5.03 -99.65	190.70 5.31 -107.37	240.50 6.52 -147.09	211.99 5.71 -124.64	92.91 4.79 -2.63	64.99 2.63 -8.62	58.54 3.73 -5.66	51.21 3.39 -4.45	46.26 3.07 -3.85
NYPY____HELLGATE_GT1 24158	35.31 2.28 -0.01	31.17 1.99 -0.01	29.47 1.93 -0.01	27.99 1.76 0.00	27.56 1.83 -0.01	28.16 1.84 -0.01	31.05 1.67 0.01	33.83 2.16 0.01	38.42 2.67 -0.16	40.72 2.59 0.00	42.32 2.51 0.00	47.26 2.76 0.00	52.53 3.11 0.00	54.47 3.32 -0.01	55.34 2.73 -0.01	73.37 4.42 0.00	83.09 5.07 0.00	92.54 5.64 0.00	86.61 4.98 0.00	89.44 3.94 0.00	55.34 1.61 0.01	51.21 2.06 -0.01	45.28 1.91 -0.01	41.12 1.77 -0.01
NYPY____HELLGATE_GT2 24159	35.31 2.28 -0.01	31.17 1.99 -0.01	29.47 1.93 -0.01	27.99 1.76 0.00	27.56 1.83 -0.01	28.16 1.84 -0.01	31.05 1.67 0.01	33.83 2.16 0.01	38.42 2.67 -0.16	40.72 2.59 0.00	42.32 2.51 0.00	47.26 2.76 0.00	52.53 3.11 0.00	54.47 3.32 -0.01	55.34 2.73 -0.01	73.37 4.42 0.00	83.09 5.07 0.00	92.54 5.64 0.00	86.61 4.98 0.00	89.44 3.94 0.00	55.34 1.61 0.01	51.21 2.06 -0.01	45.28 1.91 -0.01	41.12 1.77 -0.01
NYS_BARGE____HYD 23848	33.36 0.33 0.00	29.91 0.73 0.00	27.79 0.25 0.00	26.44 0.21 0.00	25.19 -0.54 0.00	26.81 0.50 0.00	29.73 0.35 0.00	31.02 -0.67 0.00	34.24 -1.35 0.00	36.76 -1.37 0.00	38.69 -1.11 0.00	43.47 -1.02 0.00	48.37 -1.04 0.00	50.47 -0.67 0.00	52.81 0.21 0.00	67.85 -1.11 0.00	76.62 -1.40 0.00	84.73 -2.17 0.00	79.67 -1.96 0.00	84.81 -0.69 0.00	54.76 1.02 0.00	47.92 -1.23 0.00	42.50 -0.87 0.00	39.02 -0.32 0.00
OAK ORCHARD____HYD 24046	33.46 0.43 0.00	29.82 0.64 0.00	27.79 0.25 0.00	26.46 0.24 0.00	25.45 -0.28 0.00	26.65 0.34 0.00	29.73 0.35 0.00	31.59 -0.09 0.00	35.35 -0.25 0.00	38.01 -0.11 0.00	39.97 0.16 0.00	44.85 0.35 0.00	49.90 0.49 0.00	52.06 0.92 0.00	54.28 1.68 0.00	70.26 1.31 0.00	79.50 1.48 0.00	88.28 1.39 0.00	82.93 1.30 0.00	87.55 2.05 0.00	55.95 2.20 0.00	49.63 0.49 0.00	43.80 0.43 0.00	39.85 0.51 0.00
OAKDALE__35_KV_LOAD 356122	33.39 0.36 0.00	29.64 0.47 0.00	27.87 0.33 0.00	26.52 0.29 0.00	25.86 0.13 0.00	26.68 0.37 0.00	29.82 0.44 0.00	32.00 0.32 0.00	35.83 0.25 0.01	38.43 0.31 0.00	40.25 0.44 0.00	45.12 0.62 0.00	50.10 0.69 0.00	52.11 0.97 0.00	53.81 1.21 0.00	70.72 1.31 -0.46	79.84 1.40 -0.41	89.45 1.56 -0.99	83.92 1.47 -0.82	88.83 1.88 -1.45	55.19 1.45 0.00	49.93 0.79 0.00	44.02 0.65 0.00	39.93 0.59 0.00
OCC_CHEM____DRP 24175	32.44 -0.59 0.00	29.12 -0.06 0.00	27.07 -0.47 0.00	25.60 -0.63 0.00	24.52 -1.21 0.00	25.89 -0.42 0.00	29.00 -0.38 0.00	30.32 -1.36 0.00	33.71 -1.89 0.00	36.18 -1.94 0.00	37.82 -1.99 0.00	42.67 -1.82 0.00	47.29 -2.12 0.00	49.30 -1.84 0.00	51.54 -1.05 0.00	66.34 -2.62 0.00	74.59 -3.43 0.00	82.90 -4.00 0.00	77.79 -3.84 0.00	82.76 -2.74 0.00	53.53 -0.21 0.00	46.93 -2.21 0.00	41.68 -1.69 0.00	38.28 -1.06 0.00
OH_GEN_PROXY 24063	32.80 -0.23 0.00	29.41 0.23 0.00	27.37 -0.16 0.00	26.05 -0.18 0.00	24.83 -0.90 0.00	26.39 0.08 0.00	29.35 -0.03 0.00	30.74 -0.95 0.00	34.17 -1.42 0.00	36.64 -1.49 0.00	38.53 -1.28 0.00	43.30 -1.20 0.00	48.13 -1.28 0.00	50.16 -0.97 0.00	54.30 -0.10 -1.81	65.63 -1.52 1.81	76.15 -1.87 0.00	84.11 -2.78 0.00	79.10 -2.53 0.00	77.08 -1.28 7.14	61.53 0.65 -7.14	47.67 -1.47 0.00	42.33 -1.04 0.00	38.79 -0.55 0.00
OLIN_CORP_DRP 24177	32.30 -0.73 0.00	29.53 0.35 0.00	27.43 -0.11 0.00	25.97 -0.26 0.00	24.85 -0.87 0.00	26.23 -0.08 0.00	29.29 -0.09 0.00	30.48 -1.20 0.00	33.82 -1.78 0.00	36.30 -1.83 0.00	38.02 -1.79 0.00	42.94 -1.56 0.00	47.58 -1.83 0.00	49.65 -1.48 0.00	51.86 -0.74 0.00	66.82 -2.14 0.00	75.13 -2.89 0.00	83.51 -3.39 0.00	78.37 -3.27 0.00	83.36 -2.14 0.00	53.90 0.16 0.00	47.23 -1.92 0.00	41.85 -1.52 0.00	38.40 -0.94 0.00
OLIN_CORP_DSASP 323712	32.47 -0.56 0.00	29.12 -0.06 0.00	27.07 -0.47 0.00	25.76 -0.47 0.00	24.52 -1.21 0.00	26.13 -0.18 0.00	29.06 -0.32 0.00	30.32 -1.36 0.00	33.71 -1.89 0.00	36.18 -1.94 0.00	37.98 -1.83 0.00	42.63 -1.87 0.00	47.38 -2.03 0.00	49.40 -1.74 0.00	51.70 -0.89 0.00	66.41 -2.55 0.00	74.90 -3.12 0.00	82.81 -4.08 0.00	77.80 -3.84 0.00	83.02 -2.48 0.00	53.63 -0.11 0.00	46.93 -2.21 0.00	41.77 -1.60 0.00	38.36 -0.98 0.00
ONEIDA_HERK_LFGE 323681	33.43 0.40 0.00	29.47 0.29 0.00	27.79 0.25 0.00	26.49 0.26 0.00	25.91 0.18 0.00	26.52 0.21 0.00	29.73 0.35 0.00	32.13 0.44 0.00	36.09 0.50 0.00	38.66 0.53 0.00	40.68 0.87 0.00	45.61 1.11 0.00	50.69 1.28 0.00	52.72 1.59 0.00	54.23 1.63 0.00	71.54 2.35 -0.23	80.41 2.18 -0.21	89.92 2.52 -0.51	84.58 2.53 -0.42	89.06 2.82 -0.74	55.62 1.88 0.00	50.52 1.37 0.00	44.54 1.17 0.00	40.40 1.06 0.00
ONEIDA____115KV_TB4 55905	33.66 0.63 0.00	29.73 0.55 0.00	27.98 0.44 0.00	26.67 0.45 0.00	26.06 0.33 0.00	26.76 0.45 0.00	30.00 0.62 0.00	32.38 0.70 0.00	36.38 0.78 0.00	39.04 0.92 0.00	41.04 1.23 0.00	46.05 1.56 0.00	51.19 1.78 0.00	53.34 2.20 0.00	54.60 2.00 0.00	72.49 3.17 -0.36	82.01 3.67 -0.32	91.41 3.74 -0.78	85.86 3.59 -0.64	90.56 3.93 -1.13	56.37 2.63 0.00	51.11 1.97 0.00	45.02 1.65 0.00	40.80 1.46 0.00

ONONDAGA_REF_OCCRA 23987	32.80 -0.23 0.00	29.06 -0.12 0.00	27.35 -0.19 0.00	26.04 -0.18 0.00	25.44 -0.28 0.00	26.13 -0.18 0.00	29.20 -0.18 0.00	31.46 -0.22 0.00	35.35 -0.25 0.00	37.94 -0.19 0.00	39.77 -0.04 0.00	44.54 0.04 0.00	49.51 0.10 0.00	51.44 0.31 0.00	53.07 0.47 0.00	70.32 0.55 -0.81	79.37 0.62 -0.73	89.26 0.61 -1.76	83.65 0.57 -1.45	88.74 0.68 -2.56	54.39 0.64 0.00	49.34 0.20 0.00	43.50 0.13 0.00	39.42 0.08 0.00
ONONDAGA___COGEN 23986	32.93 -0.10 0.00	29.18 0.00 0.00	27.46 -0.08 0.00	26.12 -0.10 0.00	25.52 -0.21 0.00	26.21 -0.11 0.00	29.29 -0.09 0.00	31.56 -0.13 0.00	35.42 -0.18 0.00	38.01 -0.11 0.00	39.85 0.04 0.00	44.45 -0.04 0.00	49.31 -0.10 0.00	51.29 0.15 0.00	52.96 0.37 0.00	70.48 0.28 -1.24	79.53 0.39 -1.12	89.95 0.35 -2.71	84.18 0.33 -2.22	89.86 0.43 -3.93	54.22 0.48 0.00	49.29 0.15 0.00	43.59 0.22 0.00	39.50 0.16 0.00
ONTARIO___LFGE 23819	33.39 0.36 0.00	29.82 0.64 0.00	27.90 0.36 0.00	26.57 0.34 0.00	25.75 0.03 0.00	26.79 0.47 0.00	29.94 0.56 0.00	31.94 0.25 0.00	35.67 0.07 0.00	38.32 0.19 0.00	40.36 0.56 0.00	45.30 0.80 0.00	50.50 1.09 0.00	52.67 1.53 0.00	54.81 2.21 0.00	71.62 2.27 -0.39	80.80 2.42 -0.36	90.45 2.70 -0.86	85.03 2.69 -0.71	90.08 3.33 -1.25	56.32 2.58 0.00	50.37 1.23 0.00	44.28 0.91 0.00	40.17 0.83 0.00
ORANGEVILLE_WT_PWR 323706	33.56 0.53 0.00	30.02 0.85 0.00	27.95 0.41 0.00	26.60 0.37 0.00	25.50 -0.23 0.00	26.97 0.66 0.00	30.02 0.65 0.00	31.56 -0.13 0.00	35.10 -0.50 0.00	37.71 -0.42 0.00	39.69 -0.12 0.00	44.54 0.04 0.00	49.56 0.15 0.00	51.75 0.62 0.00	54.07 1.47 0.00	69.72 0.76 0.00	78.72 0.70 0.00	87.24 0.35 0.00	82.04 0.41 0.00	87.04 1.54 0.00	55.83 2.09 0.00	49.19 0.05 0.00	43.59 0.22 0.00	39.81 0.47 0.00
ORANGEVILLE___ESR 323794	33.56 0.53 0.00	30.02 0.85 0.00	27.95 0.41 0.00	26.60 0.37 0.00	25.50 -0.23 0.00	26.97 0.66 0.00	30.02 0.65 0.00	31.56 -0.13 0.00	35.10 -0.50 0.00	37.71 -0.42 0.00	39.69 -0.12 0.00	44.54 0.04 0.00	49.56 0.15 0.00	51.75 0.62 0.00	54.07 1.47 0.00	69.72 0.76 0.00	78.72 0.70 0.00	87.24 0.35 0.00	82.04 0.41 0.00	87.04 1.54 0.00	55.83 2.09 0.00	49.19 0.05 0.00	43.59 0.22 0.00	39.81 0.47 0.00
OSWEGATCHIE___HYD 24044	32.70 -0.33 0.00	28.77 -0.41 0.00	27.10 -0.44 0.00	25.86 -0.37 0.00	25.32 -0.41 0.00	25.60 -0.71 0.00	28.62 -0.76 0.00	30.92 -0.76 0.00	34.74 -0.85 0.00	37.21 -0.92 0.00	38.85 -0.96 0.00	43.61 -0.89 0.00	48.32 -1.09 0.00	49.96 -1.17 0.00	51.44 -1.16 0.00	68.11 -1.31 -0.46	77.34 -1.09 -0.42	86.68 -1.22 -1.00	81.64 -0.82 -0.83	86.27 -0.69 -1.46	53.42 -0.32 0.00	48.70 -0.44 0.00	43.16 -0.22 0.00	39.38 0.04 0.00
OSWEGO___5 23606	32.33 -0.70 0.00	28.62 -0.56 0.00	26.93 -0.61 0.00	25.68 -0.55 0.00	25.09 -0.64 0.00	25.76 -0.55 0.00	28.76 -0.62 0.00	30.96 -0.73 0.00	34.74 -0.85 0.00	37.25 -0.88 0.00	39.01 -0.80 0.00	43.65 -0.85 0.00	48.52 -0.89 0.00	50.37 -0.77 0.00	51.97 -0.63 0.00	73.06 -1.03 -5.14	81.49 -1.17 -4.64	96.77 -1.30 -11.18	89.60 -1.22 -9.19	100.63 -1.11 -16.25	53.20 -0.54 0.00	48.31 -0.84 0.00	42.59 -0.78 0.00	38.63 -0.71 0.00
OSWEGO___6 23613	32.33 -0.70 0.00	28.62 -0.56 0.00	26.93 -0.61 0.00	25.68 -0.55 0.00	25.09 -0.64 0.00	25.76 -0.55 0.00	28.76 -0.62 0.00	30.96 -0.73 0.00	34.74 -0.85 0.00	37.25 -0.88 0.00	39.01 -0.80 0.00	43.65 -0.85 0.00	48.52 -0.89 0.00	50.37 -0.77 0.00	51.97 -0.63 0.00	73.06 -1.03 -5.14	81.49 -1.17 -4.64	96.77 -1.30 -11.18	89.60 -1.22 -9.19	100.63 -1.11 -16.25	53.20 -0.54 0.00	48.31 -0.84 0.00	42.59 -0.78 0.00	38.63 -0.71 0.00
OUTOKUMPU-AB___DRP 24206	33.19 0.17 0.00	29.99 0.82 0.00	27.84 0.30 0.00	26.33 0.10 0.00	25.24 -0.49 0.00	26.63 0.32 0.00	29.82 0.44 0.00	31.24 -0.44 0.00	34.71 -0.89 0.00	37.25 -0.88 0.00	38.93 -0.88 0.00	43.92 -0.58 0.00	48.67 -0.74 0.00	50.83 -0.31 0.00	53.07 0.47 0.00	68.47 -0.48 0.00	77.00 -1.01 0.00	85.50 -1.39 0.00	80.24 -1.39 0.00	85.33 -0.17 0.00	55.03 1.29 0.00	48.21 -0.93 0.00	42.81 -0.56 0.00	39.22 -0.12 0.00
OXBOW___ 24026	33.03 0.00 0.00	29.62 0.44 0.00	27.51 -0.03 0.00	26.18 -0.05 0.00	24.93 -0.80 0.00	26.57 0.26 0.00	29.53 0.15 0.00	30.86 -0.82 0.00	34.28 -1.32 0.00	36.83 -1.30 0.00	38.45 -1.35 0.00	43.12 -1.38 0.00	47.98 -1.43 0.00	50.06 -1.08 0.00	52.39 -0.21 0.00	67.30 -1.66 0.00	75.99 -2.03 0.00	83.94 -2.95 0.00	78.94 -2.69 0.00	84.05 -1.45 0.00	54.28 0.54 0.00	47.47 -1.67 0.00	42.46 -0.91 0.00	39.02 -0.32 0.00
OXY_CHEM_DSASP 323612	32.44 -0.59 0.00	29.12 -0.06 0.00	27.07 -0.47 0.00	25.60 -0.63 0.00	24.52 -1.21 0.00	25.89 -0.42 0.00	29.00 -0.38 0.00	30.32 -1.36 0.00	33.71 -1.89 0.00	36.18 -1.94 0.00	37.82 -1.99 0.00	42.67 -1.82 0.00	47.29 -2.12 0.00	49.30 -1.84 0.00	51.54 -1.05 0.00	66.34 -2.62 0.00	74.59 -3.43 0.00	82.90 -4.00 0.00	77.79 -3.84 0.00	82.76 -2.74 0.00	53.53 -0.21 0.00	46.93 -2.21 0.00	41.68 -1.69 0.00	38.28 -1.06 0.00
OZONE_PARK_ESR 323760	35.54 2.51 0.00	31.28 2.10 0.00	29.55 2.01 0.00	28.12 1.89 0.00	27.61 1.88 0.00	28.28 1.97 0.00	31.49 2.12 0.00	34.25 2.57 0.00	38.74 2.99 -0.16	41.25 3.13 0.00	42.87 3.07 0.00	47.79 3.29 0.00	53.12 3.71 0.00	54.87 3.73 0.00	55.96 3.37 0.00	74.13 5.17 0.00	83.87 5.85 0.00	93.32 6.43 0.00	87.43 5.80 0.00	90.72 5.22 0.00	56.00 2.26 0.00	51.80 2.65 0.00	45.84 2.47 0.00	41.50 2.16 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.44 -0.59 0.00	29.12 -0.06 0.00	27.07 -0.47 0.00	25.60 -0.63 0.00	24.52 -1.21 0.00	25.89 -0.42 0.00	29.00 -0.38 0.00	30.32 -1.36 0.00	33.71 -1.89 0.00	36.18 -1.94 0.00	37.82 -1.99 0.00	42.67 -1.82 0.00	47.29 -2.12 0.00	49.30 -1.84 0.00	51.54 -1.05 0.00	66.34 -2.62 0.00	74.59 -3.43 0.00	82.90 -4.00 0.00	77.79 -3.84 0.00	82.76 -2.74 0.00	53.53 -0.21 0.00	46.93 -2.21 0.00	41.68 -1.69 0.00	38.28 -1.06 0.00
PACKARD___115KV_DUPONT_184 80571	32.44 -0.59 0.00	29.12 -0.06 0.00	27.07 -0.47 0.00	25.60 -0.63 0.00	24.52 -1.21 0.00	25.89 -0.42 0.00	29.00 -0.38 0.00	30.32 -1.36 0.00	33.71 -1.89 0.00	36.18 -1.94 0.00	37.82 -1.99 0.00	42.67 -1.82 0.00	47.29 -2.12 0.00	49.30 -1.84 0.00	51.54 -1.05 0.00	66.34 -2.62 0.00	74.59 -3.43 0.00	82.90 -4.00 0.00	77.79 -3.84 0.00	82.76 -2.74 0.00	53.53 -0.21 0.00	46.93 -2.21 0.00	41.68 -1.69 0.00	38.28 -1.06 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.42 2.38 -0.01	31.17 1.98 -0.01	29.47 1.93 -0.01	27.99 1.76 0.00	27.54 1.80 -0.01	28.24 1.92 -0.01	31.05 1.67 0.00	33.78 2.09 0.00	38.39 2.63 -0.16	40.68 2.55 0.00	42.40 2.59 0.00	47.21 2.71 0.00	52.33 2.92 0.00	53.70 2.56 -0.01	55.18 2.58 -0.01	72.89 3.93 0.00	82.70 4.68 0.00	92.02 5.13 0.00	86.12 4.49 0.00	89.01 3.51 0.00	55.08 1.34 0.01	51.07 1.92 -0.01	45.33 1.95 -0.01	41.16 1.81 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.88 2.84 -0.01	31.58 2.39 -0.01	29.83 2.29 -0.01	28.33 2.10 0.00	27.87 2.14 -0.01	28.56 2.24 -0.01	31.41 2.03 0.00	34.16 2.47 0.00	38.82 3.06 -0.16	41.14 3.01 0.00	43.07 3.26 0.00	48.01 3.52 0.00	53.22 3.80 0.00	54.67 3.53 -0.01	55.87 3.26 -0.01	74.34 5.38 0.00	84.34 6.32 0.00	93.24 6.34 0.00	87.26 5.63 0.00	90.20 4.70 0.00	55.77 2.04 0.01	51.71 2.56 -0.01	45.89 2.52 -0.01	41.71 2.36 -0.01
PATROON__115KV_TB1 80586	34.19 1.16 0.00	30.14 0.96 0.00	28.53 0.99 0.00	27.15 0.92 0.00	26.63 0.90 0.00	27.28 0.97 0.00	30.47 1.09 0.00	32.86 1.17 0.00	37.01 1.32 -0.10	39.42 1.30 0.00	41.24 1.43 0.00	45.87 1.38 0.00	50.99 1.58 0.00	52.62 1.48 0.00	53.96 1.37 0.00	70.89 1.93 0.00	80.05 2.03 0.00	89.15 2.26 0.00	83.75 2.12 0.00	87.47 1.97 0.00	54.87 1.13 0.00	50.71 1.57 0.00	44.67 1.30 0.00	40.52 1.18 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.29 0.26 0.00	30.08 0.90 0.00	27.92 0.39 0.00	26.44 0.21 0.00	25.42 -0.31 0.00	26.76 0.45 0.00	30.00 0.62 0.00	31.59 -0.10 0.00	35.13 -0.46 0.00	37.75 -0.38 0.00	39.61 -0.20 0.00	44.81 0.31 0.00	49.71 0.30 0.00	52.01 0.87 0.00	54.28 1.68 0.00	70.20 1.24 0.00	79.11 1.09 0.00	87.76 0.87 0.00	82.37 0.73 0.00	87.30 1.80 0.00	56.11 2.36 0.00	49.29 0.15 0.00	43.59 0.22 0.00	39.81 0.47 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.18 2.15 0.00	30.96 1.78 0.00	29.33 1.79 0.00	27.91 1.68 0.00	27.37 1.65 0.00	28.00 1.68 0.00	31.23 1.85 0.00	33.87 2.19 0.00	38.32 2.60 -0.12	40.91 2.78 0.00	42.79 2.99 0.00	47.74 3.25 0.00	53.12 3.71 0.00	54.87 3.73 0.00	56.12 3.52 0.00	74.27 5.31 0.00	83.95 5.93 0.00	93.59 6.69 0.00	87.75 6.12 0.00	91.40 5.90 0.00	56.64 2.90 0.00	52.24 3.10 0.00	45.93 2.56 0.00	41.39 2.05 0.00
PEEKSKILL____ 23653	34.75 1.72 0.00	30.66 1.49 0.00	29.02 1.49 0.00	27.62 1.39 0.00	27.17 1.44 0.00	27.73 1.42 0.00	30.94 1.56 0.00	33.55 1.87 0.00	37.88 2.14 -0.15	40.38 2.25 0.00	42.00 2.19 0.00	46.90 2.40 0.00	52.23 2.81 0.00	53.95 2.81 0.00	55.07 2.47 0.00	72.82 3.86 0.00	82.23 4.21 0.00	91.67 4.78 0.00	85.87 4.24 0.00	89.35 3.85 0.00	55.41 1.67 0.00	51.16 2.02 0.00	45.06 1.69 0.00	40.80 1.46 0.00
PGE MADISON__WINDPWR 24146	35.41 2.38 0.00	31.28 2.10 0.00	29.36 1.82 0.00	28.04 1.81 0.00	27.25 1.52 0.00	28.15 1.84 0.00	31.67 2.29 0.00	34.06 2.38 0.00	38.08 2.49 0.01	40.76 2.63 0.00	43.03 3.22 0.00	48.32 3.83 0.00	53.76 4.35 0.00	56.56 5.42 0.00	58.17 5.57 0.00	77.11 7.65 -0.50	87.06 8.58 -0.45	97.81 9.82 -1.09	92.49 9.96 -0.90	98.38 11.29 -1.59	61.37 7.63 0.00	54.89 5.75 0.00	48.10 4.73 0.00	43.55 4.21 0.00
PIERCEFIELD__HYD 23852	32.63 -0.40 0.00	28.68 -0.50 0.00	27.07 -0.47 0.00	25.81 -0.42 0.00	25.29 -0.44 0.00	25.36 -0.95 0.00	28.29 -1.09 0.00	30.64 -1.05 0.00	34.49 -1.10 0.00	36.91 -1.22 0.00	38.45 -1.35 0.00	43.12 -1.38 0.00	47.78 -1.63 0.00	49.30 -1.84 0.00	50.76 -1.84 0.00	67.19 -2.00 -0.23	76.28 -1.95 -0.21	84.97 -2.43 -0.51	79.93 -2.12 -0.42	84.02 -2.22 -0.74	52.45 -1.29 0.00	47.91 -1.23 0.00	42.50 -0.87 0.00	38.99 -0.35 0.00
PINELAWN_CC_1 323563	39.36 3.10 -3.23	38.84 2.63 -7.04	34.30 2.56 -4.20	28.68 2.44 -0.02	28.69 2.45 -0.51	29.49 2.50 -0.67	31.70 2.32 0.00	34.54 2.85 0.00	39.05 3.17 -0.29	41.69 3.43 -0.13	51.78 3.26 -8.71	56.47 3.51 -8.46	60.65 3.95 -7.28	56.39 3.88 -1.36	59.19 3.52 -3.07	79.99 4.48 -6.55	89.84 4.76 -7.06	102.55 5.99 -9.67	94.97 5.15 -8.19	89.95 4.27 -0.17	58.07 2.58 -1.75	55.30 3.88 -2.27	51.30 3.47 -4.45	46.26 3.07 -3.85
PJM_GEN_HTP_PROXY 323702	35.01 1.98 0.00	30.90 1.72 0.00	29.22 1.68 0.00	27.80 1.57 0.00	27.32 1.60 0.00	27.94 1.63 0.00	31.14 1.76 0.00	33.87 2.18 0.00	38.32 2.56 -0.16	40.80 2.67 0.00	42.36 2.55 0.00	47.30 2.80 0.00	52.62 3.21 0.00	54.36 3.22 0.00	57.19 2.79 -1.81	71.56 4.42 1.81	82.86 4.84 0.00	92.37 5.48 0.00	86.45 4.82 0.00	82.63 4.27 7.14	62.60 1.72 -7.14	51.30 2.16 0.00	45.28 1.91 0.00	40.99 1.65 0.00
PJM_GEN_KEystone 24065	33.53 0.69 0.20	29.93 0.76 0.00	28.14 0.61 0.00	26.78 0.55 0.00	26.09 0.36 0.00	27.02 0.71 0.00	30.11 0.73 0.00	32.09 0.57 0.17	35.50 0.50 0.59	38.12 0.53 0.54	39.80 0.60 0.60	44.36 0.76 0.89	49.10 0.94 1.25	51.00 1.12 1.26	54.30 1.32 -0.39	66.59 1.45 3.82	77.30 1.48 2.20	86.05 1.48 2.32	80.58 1.30 2.35	77.57 1.45 9.38	60.37 0.97 -5.66	48.34 0.39 1.19	43.00 0.39 0.76	39.18 0.43 0.59
PJM_GEN_NEPTUNE_PROXY 323594	38.70 2.44 -3.23	38.29 2.07 -7.04	33.78 2.04 -4.20	28.19 1.94 -0.02	28.20 1.95 -0.51	28.96 1.97 -0.67	31.40 2.03 0.00	34.22 2.54 0.00	38.80 2.92 -0.29	41.38 3.13 -0.13	51.34 2.83 -8.71	56.02 3.07 -8.45	59.28 3.46 -6.41	55.14 3.43 -0.58	58.47 3.05 -2.82	71.28 4.14 1.81	82.31 4.29 0.00	92.20 5.30 0.00	86.12 4.49 0.00	82.03 3.67 7.14	62.76 1.88 -7.14	52.49 2.65 -0.70	50.34 2.51 -4.45	45.43 2.24 -3.85
PJM_GEN_VFT_PROXY 323633	31.99 1.78 2.82	30.72 1.55 0.00	29.05 1.51 0.00	27.62 1.39 0.00	27.17 1.44 0.00	27.75 1.45 0.01	30.96 1.59 0.00	31.31 2.00 2.37	31.12 2.31 6.79	32.80 2.40 7.73	33.48 2.27 8.60	34.25 2.49 12.74	34.46 2.86 17.82	35.99 2.86 18.01	36.46 2.37 18.51	42.26 3.86 30.56	50.85 4.21 31.38	58.49 4.78 33.18	52.18 4.16 33.61	49.87 3.51 39.14	40.96 1.24 14.02	33.82 1.72 17.04	34.04 1.56 10.89	32.22 1.34 8.46
PLATSBURG_115KV_PMLD1 355749	33.39 0.36 0.00	29.35 0.18 0.00	27.70 0.17 0.00	26.39 0.16 0.00	26.01 0.28 0.00	26.39 0.08 0.00	29.50 0.12 0.00	31.94 0.25 0.00	35.99 0.39 0.00	38.59 0.46 0.00	40.01 0.20 0.00	44.76 0.27 0.00	49.71 0.30 0.00	50.68 -0.46 0.00	52.12 -0.47 0.00	68.13 -0.83 0.00	77.47 -0.55 0.00	86.29 -0.61 0.00	81.22 -0.41 0.00	84.99 -0.51 0.00	53.69 -0.05 0.00	49.39 0.25 0.00	43.93 0.56 0.00	39.81 0.47 0.00
PLEASANTVLY__LBMP 24000	34.68 1.65 0.00	30.55 1.37 0.00	28.94 1.40 0.00	27.59 1.36 0.00	27.09 1.36 0.00	27.71 1.39 0.00	30.85 1.47 0.00	33.40 1.71 0.00	37.73 1.96 -0.17	40.19 2.06 0.00	41.84 2.03 0.00	46.59 2.09 0.00	51.78 2.37 0.00	53.49 2.35 0.00	54.65 2.05 0.00	71.99 3.03 0.00	81.37 3.35 0.00	90.63 3.74 0.00	84.98 3.35 0.00	88.49 2.99 0.00	55.03 1.29 0.00	50.91 1.77 0.00	44.98 1.60 0.00	40.76 1.42 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.01 1.98 0.00	30.81 1.63 0.00	29.16 1.62 0.00	27.80 1.57 0.00	27.30 1.57 0.00	27.92 1.60 0.00	31.11 1.73 0.00	33.74 2.06 0.00	38.15 2.38 -0.17	40.64 2.52 0.00	42.32 2.51 0.00	47.17 2.67 0.00	52.42 3.01 0.00	54.21 3.07 0.00	55.28 2.68 0.00	73.03 4.07 0.00	82.62 4.60 0.00	91.93 5.04 0.00	86.12 4.49 0.00	89.69 4.19 0.00	55.51 1.77 0.00	51.35 2.21 0.00	45.37 2.00 0.00	41.07 1.73 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.01 1.98 0.00	30.81 1.63 0.00	29.16 1.62 0.00	27.80 1.57 0.00	27.30 1.57 0.00	27.92 1.60 0.00	31.11 1.73 0.00	33.74 2.06 0.00	38.15 2.38 -0.17	40.64 2.52 0.00	42.32 2.51 0.00	47.17 2.67 0.00	52.42 3.01 0.00	54.21 3.07 0.00	55.28 2.68 0.00	73.03 4.07 0.00	82.62 4.60 0.00	91.93 5.04 0.00	86.12 4.49 0.00	89.69 4.19 0.00	55.51 1.77 0.00	51.35 2.21 0.00	45.37 2.00 0.00	41.07 1.73 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.95 1.92 0.00	30.75 1.58 0.00	29.14 1.60 0.00	27.75 1.52 0.00	27.22 1.49 0.00	27.86 1.55 0.00	31.05 1.67 0.00	33.59 1.90 0.00	37.84 2.14 -0.10	40.38 2.25 0.00	42.04 2.23 0.00	46.94 2.45 0.00	52.18 2.77 0.00	53.95 2.81 0.00	55.12 2.52 0.00	72.82 3.86 0.00	82.31 4.29 0.00	91.67 4.78 0.00	86.12 4.49 0.00	89.69 4.19 0.00	55.78 2.04 0.00	51.50 2.36 0.00	45.45 2.08 0.00	41.15 1.81 0.00
POLETTI____ 23519	35.11 2.08 0.00	30.93 1.75 0.00	29.22 1.68 0.00	27.83 1.60 0.00	27.35 1.62 0.00	28.00 1.68 0.00	31.14 1.76 0.00	33.87 2.19 0.00	38.28 2.53 -0.16	40.76 2.63 0.00	42.36 2.55 0.00	47.21 2.71 0.00	52.42 3.01 0.00	54.15 3.02 0.00	55.17 2.58 0.00	73.03 4.07 0.00	82.62 4.60 0.00	91.93 5.04 0.00	86.04 4.41 0.00	89.35 3.85 0.00	55.14 1.40 0.00	51.11 1.97 0.00	45.24 1.86 0.00	40.99 1.65 0.00
POMONA____ESR 323819	34.71 1.68 0.00	30.55 1.37 0.00	28.92 1.38 0.00	27.59 1.36 0.00	27.09 1.36 0.00	27.71 1.39 0.00	30.85 1.47 0.00	33.43 1.74 0.00	37.28 1.92 0.24	40.15 2.02 0.00	41.80 1.99 0.00	46.63 2.14 0.00	51.83 2.42 0.00	53.59 2.45 0.00	54.70 2.10 0.00	72.27 3.31 0.00	81.69 3.67 0.00	90.89 4.00 0.00	85.22 3.59 0.00	88.58 3.08 0.00	54.92 1.18 0.00	50.76 1.62 0.00	44.85 1.47 0.00	40.60 1.26 0.00
PORT_JEFF_3 23555	39.49 3.24 -3.23	38.96 2.74 -7.04	34.44 2.70 -4.20	28.82 2.57 -0.02	28.81 2.57 -0.51	29.62 2.63 -0.67	32.05 2.67 0.00	35.01 3.33 0.00	39.73 3.85 -0.29	42.26 4.00 -0.13	52.25 3.74 -8.71	57.00 4.05 -8.46	61.89 4.30 -8.18	68.33 4.14 -13.06	89.88 3.73 -33.54	177.68 4.97 -103.76	195.04 5.23 -111.79	246.47 6.43 -153.15	216.96 5.55 -129.78	92.85 4.61 -2.73	65.16 2.58 -8.84	58.84 3.78 -5.91	51.38 3.56 -4.45	46.37 3.19 -3.85
PORT_JEFF_4 23616	39.49 3.24 -3.23	38.96 2.74 -7.04	34.44 2.70 -4.20	28.82 2.57 -0.02	28.81 2.57 -0.51	29.62 2.63 -0.67	32.05 2.67 0.00	35.01 3.33 0.00	39.73 3.85 -0.29	42.26 4.00 -0.13	52.25 3.74 -8.71	57.00 4.05 -8.46	61.89 4.30 -8.18	68.33 4.14 -13.06	89.88 3.73 -33.54	177.68 4.97 -103.76	195.04 5.23 -111.79	246.47 6.43 -153.15	216.96 5.55 -129.78	92.85 4.61 -2.73	65.16 2.58 -8.84	58.84 3.78 -5.91	51.38 3.56 -4.45	46.37 3.19 -3.85
PORT_JEFF_IC 23713	39.59 3.33 -3.23	39.02 2.80 -7.04	34.52 2.78 -4.20	28.89 2.65 -0.02	28.89 2.65 -0.51	29.70 2.71 -0.67	32.11 2.73 0.00	35.08 3.39 0.00	39.83 3.95 -0.29	42.38 4.12 -0.13	52.37 3.86 -8.71	57.13 4.18 -8.46	62.02 4.54 -8.07	70.37 4.34 -14.89	94.75 3.84 -38.32	193.03 5.10 -118.97	211.59 5.38 -128.19	269.19 6.69 -175.61	236.15 5.71 -148.81	93.42 4.79 -3.14	66.08 2.79 -9.55	59.84 4.03 -6.67	51.55 3.73 -4.45	46.49 3.30 -3.85
PPL PILGRIM_ST_GT1 24216	39.63 3.37 -3.23	39.08 2.86 -7.04	34.52 2.78 -4.20	28.89 2.65 -0.02	28.89 2.65 -0.51	29.72 2.74 -0.67	32.17 2.79 0.00	35.11 3.42 0.00	39.83 3.95 -0.29	42.49 4.23 -0.13	52.49 3.98 -8.71	57.30 4.31 -8.49	66.91 4.94 -12.56	58.80 4.55 -3.12	64.23 4.00 -7.63	95.18 5.10 -21.12	106.15 5.38 -22.75	124.75 6.69 -31.17	113.76 5.71 -26.41	90.84 4.79 -0.56	67.41 2.79 -10.88	65.03 4.27 -11.62	51.55 3.73 -4.45	46.53 3.34 -3.85
PPL PILGRIM_ST_GT2 24217	39.63 3.37 -3.23	39.08 2.86 -7.04	34.52 2.78 -4.20	28.89 2.65 -0.02	28.89 2.65 -0.51	29.72 2.74 -0.67	32.17 2.79 0.00	35.11 3.42 0.00	39.83 3.95 -0.29	42.49 4.23 -0.13	52.49 3.98 -8.71	57.30 4.31 -8.49	66.91 4.94 -12.56	58.80 4.55 -3.12	64.23 4.00 -7.63	95.18 5.10 -21.12	106.15 5.38 -22.75	124.75 6.69 -31.17	113.76 5.71 -26.41	90.84 4.79 -0.56	67.41 2.79 -10.88	65.03 4.27 -11.62	51.55 3.73 -4.45	46.53 3.34 -3.85
PPL_SHRM_GT3 24213	39.40 3.14 -3.23	38.84 2.63 -7.04	34.36 2.62 -4.20	28.84 2.60 -0.02	28.84 2.60 -0.51	29.62 2.63 -0.67	31.91 2.53 0.00	34.88 3.20 0.00	39.59 3.70 -0.29	42.03 3.78 -0.13	52.14 3.62 -8.71	56.96 4.01 -8.46	62.15 4.54 -8.20	68.92 4.50 -13.28	90.94 4.21 -34.14	180.25 5.66 -105.64	197.70 5.85 -113.83	249.95 7.13 -155.93	220.05 6.29 -132.14	93.76 5.48 -2.78	65.67 2.95 -8.97	59.14 3.88 -6.12	51.25 3.43 -4.45	46.30 3.11 -3.85
PPL_SHRM_GT4 24214	39.40 3.14 -3.23	38.84 2.63 -7.04	34.36 2.62 -4.20	28.84 2.60 -0.02	28.84 2.60 -0.51	29.62 2.63 -0.67	31.91 2.53 0.00	34.88 3.20 0.00	39.59 3.70 -0.29	42.03 3.78 -0.13	52.14 3.62 -8.71	56.96 4.01 -8.46	62.15 4.54 -8.20	68.92 4.50 -13.28	90.94 4.21 -34.14	180.25 5.66 -105.64	197.70 5.85 -113.83	249.95 7.13 -155.93	220.05 6.29 -132.14	93.76 5.48 -2.78	65.67 2.95 -8.97	59.14 3.88 -6.12	51.25 3.43 -4.45	46.30 3.11 -3.85
PROJECT____ORANGE 1 24174	32.67 -0.36 0.00	28.97 -0.20 0.00	27.24 -0.30 0.00	25.94 -0.29 0.00	25.37 -0.36 0.00	26.05 -0.26 0.00	29.09 -0.29 0.00	31.34 -0.35 0.00	35.24 -0.36 0.00	37.82 -0.31 0.00	39.65 -0.16 0.00	44.45 -0.04 0.00	49.36 -0.05 0.00	51.29 0.15 0.00	52.96 0.37 0.00	69.97 0.34 -0.67	79.01 0.39 -0.60	88.69 0.35 -1.45	83.07 0.24 -1.19	88.03 0.43 -2.11	54.17 0.43 0.00	49.14 0.00 0.00	43.28 -0.09 0.00	39.26 -0.08 0.00
PROJECT____ORANGE 2 24166	32.67 -0.36 0.00	28.97 -0.20 0.00	27.24 -0.30 0.00	25.94 -0.29 0.00	25.37 -0.36 0.00	26.05 -0.26 0.00	29.09 -0.29 0.00	31.34 -0.35 0.00	35.24 -0.36 0.00	37.82 -0.31 0.00	39.65 -0.16 0.00	44.45 -0.04 0.00	49.36 -0.05 0.00	51.29 0.15 0.00	52.96 0.37 0.00	69.97 0.34 -0.67	79.01 0.39 -0.60	88.69 0.35 -1.45	83.07 0.24 -1.19	88.03 0.43 -2.11	54.17 0.43 0.00	49.14 0.00 0.00	43.28 -0.09 0.00	39.26 -0.08 0.00
PUCKETT____SOLAR 323809	33.92 0.89 0.00	30.05 0.87 0.00	28.23 0.69 0.00	26.91 0.68 0.00	26.22 0.49 0.00	27.07 0.76 0.00	30.26 0.88 0.00	32.44 0.76 0.00	36.26 0.67 0.01	38.81 0.69 0.00	40.65 0.84 0.00	45.56 1.07 0.00	50.69 1.28 0.00	52.82 1.69 0.00	54.49 1.89 0.00	71.76 2.35 -0.45	81.08 2.65 -0.41	91.01 3.12 -0.99	85.79 3.35 -0.81	91.04 4.10 -1.44	56.64 2.90 0.00	51.06 1.91 0.00	44.98 1.61 0.00	40.80 1.46 0.00
PYRITES____HYD 24023	33.10 0.07 0.00	29.06 -0.12 0.00	27.40 -0.14 0.00	26.15 -0.08 0.00	25.65 -0.08 0.00	25.81 -0.50 0.00	28.85 -0.53 0.00	31.24 -0.44 0.00	35.20 -0.39 0.00	37.71 -0.42 0.00	39.49 -0.32 0.00	44.36 -0.13 0.00	49.21 -0.20 0.00	50.83 -0.31 0.00	52.07 -0.53 0.00	69.31 0.14 -0.21	78.60 0.39 -0.19	87.01 0.39 -0.47	81.85 -0.16 -0.38	86.01 -0.17 -0.68	53.79 0.05 0.00	49.09 -0.05 0.00	43.46 0.09 0.00	39.77 0.43 0.00

QUAKERRD_115KV_BK1 80622	32.30 -0.73 0.00	28.86 -0.32 0.00	26.96 -0.58 0.00	25.60 -0.63 0.00	24.78 -0.95 0.00	25.71 -0.61 0.00	28.82 -0.56 0.00	30.77 -0.92 0.00	34.49 -1.10 0.00	37.10 -1.03 0.00	38.93 -0.88 0.00	43.83 -0.67 0.00	48.62 -0.79 0.00	50.68 -0.46 0.00	52.70 0.11 0.00	68.54 -0.41 0.00	77.39 -0.62 0.00	86.20 -0.70 0.00	80.90 -0.73 0.00	85.16 -0.34 0.00	54.22 0.48 0.00	48.41 -0.74 0.00	42.59 -0.78 0.00	38.71 -0.63 0.00
QUENSBRY_115KV_TB8 356137	35.37 2.35 0.00	31.13 1.95 0.00	29.47 1.93 0.00	27.96 1.73 0.00	27.43 1.70 0.00	28.07 1.76 0.00	31.41 2.03 0.00	34.06 2.38 0.00	38.51 2.81 -0.10	41.10 2.97 0.00	42.87 3.07 0.00	48.01 3.52 0.00	53.46 4.05 0.00	54.72 3.58 0.00	56.59 4.00 0.00	74.20 5.24 0.00	83.87 5.85 0.00	93.59 6.69 0.00	88.57 6.94 0.00	92.51 7.01 0.00	58.42 4.68 0.00	54.01 4.87 0.00	47.19 3.82 0.00	42.76 3.42 0.00
RAMAPO___LBMP 323565	34.62 1.59 0.00	30.49 1.31 0.00	28.86 1.32 0.00	27.51 1.29 0.00	27.01 1.29 0.00	27.63 1.32 0.00	30.76 1.38 0.00	33.33 1.65 0.00	37.20 1.85 0.25	40.07 1.94 0.00	41.72 1.91 0.00	46.50 2.00 0.00	51.63 2.22 0.00	53.44 2.30 0.00	54.54 1.95 0.00	71.99 3.03 0.00	81.45 3.43 0.00	90.54 3.65 0.00	84.90 3.27 0.00	88.32 2.82 0.00	54.82 1.07 0.00	50.67 1.52 0.00	44.76 1.39 0.00	40.52 1.18 0.00
RANKINE____ 23646	33.33 0.30 0.00	30.14 0.96 0.00	27.98 0.44 0.00	26.49 0.26 0.00	25.42 -0.31 0.00	26.78 0.47 0.00	30.03 0.65 0.00	31.56 -0.13 0.00	35.10 -0.50 0.00	37.71 -0.42 0.00	39.49 -0.32 0.00	44.67 0.18 0.00	49.56 0.15 0.00	51.75 0.61 0.00	54.07 1.47 0.00	69.85 0.90 0.00	78.49 0.47 0.00	87.15 0.26 0.00	81.79 0.16 0.00	86.87 1.37 0.00	55.94 2.20 0.00	49.09 -0.05 0.00	43.41 0.04 0.00	39.73 0.39 0.00
RAVENSWOOD_GT2_1 24244	35.08 2.05 0.00	30.96 1.78 0.00	29.27 1.74 0.00	27.83 1.60 0.00	27.38 1.65 0.00	27.97 1.66 0.00	31.17 1.79 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.80 2.67 0.00	42.36 2.55 0.00	47.30 2.80 0.00	52.62 3.21 0.00	54.36 3.22 0.00	55.28 2.68 0.00	73.23 4.28 0.00	82.78 4.76 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.52 4.02 0.00	55.35 1.61 0.00	51.25 2.11 0.00	45.28 1.91 0.00	41.03 1.69 0.00
RAVENSWOOD_GT2_2 24245	35.08 2.05 0.00	30.96 1.78 0.00	29.27 1.74 0.00	27.83 1.60 0.00	27.38 1.65 0.00	27.97 1.66 0.00	31.17 1.79 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.80 2.67 0.00	42.36 2.55 0.00	47.30 2.80 0.00	52.62 3.21 0.00	54.36 3.22 0.00	55.28 2.68 0.00	73.23 4.28 0.00	82.78 4.76 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.52 4.02 0.00	55.35 1.61 0.00	51.25 2.11 0.00	45.28 1.91 0.00	41.03 1.69 0.00
RAVENSWOOD_GT2_3 24246	35.11 2.08 0.00	30.99 1.81 0.00	29.30 1.76 0.00	27.86 1.63 0.00	27.40 1.67 0.00	28.00 1.69 0.00	31.20 1.82 0.00	33.93 2.25 0.00	38.35 2.60 -0.16	40.84 2.71 0.00	42.39 2.59 0.00	47.35 2.85 0.00	52.67 3.26 0.00	54.41 3.28 0.00	55.33 2.73 0.00	73.30 4.35 0.00	82.78 4.76 0.00	92.28 5.39 0.00	86.36 4.73 0.00	89.60 4.10 0.00	55.41 1.67 0.00	51.25 2.11 0.00	45.28 1.91 0.00	41.03 1.69 0.00
RAVENSWOOD_GT2_4 24247	35.11 2.08 0.00	30.99 1.81 0.00	29.30 1.76 0.00	27.86 1.63 0.00	27.40 1.67 0.00	28.00 1.69 0.00	31.20 1.82 0.00	33.93 2.25 0.00	38.35 2.60 -0.16	40.84 2.71 0.00	42.39 2.59 0.00	47.35 2.85 0.00	52.67 3.26 0.00	54.41 3.28 0.00	55.33 2.73 0.00	73.30 4.35 0.00	82.78 4.76 0.00	92.28 5.39 0.00	86.36 4.73 0.00	89.60 4.10 0.00	55.41 1.67 0.00	51.25 2.11 0.00	45.28 1.91 0.00	41.03 1.69 0.00
RAVENSWOOD_GT3_1 24248	35.08 2.05 0.00	30.96 1.78 0.00	29.27 1.74 0.00	27.83 1.60 0.00	27.38 1.65 0.00	27.97 1.66 0.00	31.17 1.79 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.84 2.71 0.00	42.39 2.59 0.00	47.30 2.80 0.00	52.62 3.21 0.00	54.36 3.22 0.00	55.33 2.73 0.00	73.23 4.28 0.00	82.78 4.76 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.60 4.10 0.00	55.41 1.67 0.00	51.25 2.11 0.00	45.28 1.91 0.00	41.03 1.69 0.00
RAVENSWOOD_GT3_2 24249	35.08 2.05 0.00	30.96 1.78 0.00	29.27 1.74 0.00	27.83 1.60 0.00	27.38 1.65 0.00	27.97 1.66 0.00	31.17 1.79 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.84 2.71 0.00	42.39 2.59 0.00	47.30 2.80 0.00	52.62 3.21 0.00	54.36 3.22 0.00	55.33 2.73 0.00	73.23 4.28 0.00	82.78 4.76 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.60 4.10 0.00	55.41 1.67 0.00	51.25 2.11 0.00	45.28 1.91 0.00	41.03 1.69 0.00
RAVENSWOOD_GT3_3 24250	35.24 2.21 0.00	31.02 1.84 0.00	29.33 1.79 0.00	27.91 1.68 0.00	27.43 1.70 0.00	28.07 1.76 0.00	31.26 1.88 0.00	33.97 2.28 0.00	38.42 2.67 -0.16	40.91 2.78 0.00	42.51 2.71 0.00	47.39 2.89 0.00	52.62 3.21 0.00	54.31 3.17 0.00	55.33 2.74 0.00	73.16 4.21 0.00	82.86 4.84 0.00	92.19 5.30 0.00	86.28 4.65 0.00	89.60 4.10 0.00	55.30 1.56 0.00	51.26 2.11 0.00	45.37 2.00 0.00	41.15 1.81 0.00
RAVENSWOOD_GT3_4 24251	35.15 2.12 0.00	31.02 1.84 0.00	29.33 1.79 0.00	27.88 1.65 0.00	27.43 1.70 0.00	28.02 1.71 0.00	31.23 1.85 0.00	33.97 2.28 0.00	38.42 2.67 -0.16	40.91 2.78 0.00	42.43 2.63 0.00	47.39 2.89 0.00	52.72 3.31 0.00	54.46 3.32 0.00	55.43 2.84 0.00	73.44 4.48 0.00	82.94 4.92 0.00	92.46 5.57 0.00	86.53 4.90 0.00	89.77 4.27 0.00	55.51 1.77 0.00	51.36 2.21 0.00	45.37 2.00 0.00	41.11 1.77 0.00
RAVENSWOOD_GT_1 23729	35.24 2.21 0.00	31.07 1.90 0.00	29.38 1.85 0.00	27.93 1.70 0.00	27.48 1.75 0.00	28.07 1.76 0.00	31.17 1.79 0.00	33.97 2.28 0.00	38.46 2.70 -0.16	40.91 2.78 0.00	42.43 2.63 0.00	47.30 2.80 0.00	52.53 3.11 0.00	54.31 3.17 0.00	55.23 2.63 0.00	73.65 4.35 -0.35	90.65 4.84 -7.80	92.29 5.39 -0.01	86.29 4.65 -0.01	89.35 3.85 0.00	55.19 1.45 0.01	51.16 2.02 0.00	45.19 1.82 0.00	41.03 1.69 0.00
RAVENSWOOD_GT_10 24258	35.18 2.15 0.00	30.96 1.78 0.00	29.27 1.73 0.00	27.88 1.65 0.00	27.37 1.65 0.00	28.02 1.71 0.00	31.20 1.82 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.83 2.71 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.52 3.11 0.00	54.21 3.07 0.00	55.23 2.63 0.00	73.03 4.07 0.00	82.62 4.60 0.00	91.93 5.04 0.00	86.12 4.49 0.00	89.35 3.85 0.00	55.24 1.50 0.00	51.16 2.01 0.00	45.32 1.95 0.00	41.07 1.73 0.00
RAVENSWOOD_GT_11 24259	35.08 2.05 0.00	30.96 1.78 0.00	29.27 1.74 0.00	27.83 1.60 0.00	27.38 1.65 0.00	27.97 1.66 0.00	31.17 1.79 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.84 2.71 0.00	42.39 2.59 0.00	47.35 2.85 0.00	52.62 3.21 0.00	54.36 3.22 0.00	55.33 2.73 0.00	73.23 4.28 0.00	82.78 4.76 0.00	92.20 5.30 0.00	86.36 4.73 0.00	89.60 4.10 0.00	55.41 1.67 0.00	51.25 2.11 0.00	45.28 1.91 0.00	41.03 1.69 0.00

RAVENSWOOD_GT_4 24252	35.18 2.15 0.00	30.96 1.78 0.00	29.27 1.73 0.00	27.88 1.65 0.00	27.38 1.65 0.00	28.02 1.71 0.00	31.20 1.82 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.83 2.71 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.57 3.16 0.00	54.26 3.12 0.00	55.28 2.68 0.00	73.36 4.14 -0.27	88.64 4.68 -5.94	92.03 5.13 -0.01	86.13 4.49 -0.01	89.52 4.02 0.00	55.29 1.56 0.01	51.21 2.06 0.00	45.32 1.95 0.00	41.07 1.73 0.00
RAVENSWOOD_GT_5 24254	35.18 2.15 0.00	30.96 1.78 0.00	29.27 1.73 0.00	27.88 1.65 0.00	27.38 1.65 0.00	28.02 1.71 0.00	31.20 1.82 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.83 2.71 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.57 3.16 0.00	54.26 3.12 0.00	55.28 2.68 0.00	73.36 4.14 -0.27	88.64 4.68 -5.94	92.03 5.13 -0.01	86.13 4.49 -0.01	89.52 4.02 0.00	55.29 1.56 0.01	51.21 2.06 0.00	45.32 1.95 0.00	41.07 1.73 0.00
RAVENSWOOD_GT_6 24253	35.18 2.15 0.00	30.96 1.78 0.00	29.27 1.73 0.00	27.88 1.65 0.00	27.38 1.65 0.00	28.02 1.71 0.00	31.20 1.82 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.83 2.71 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.57 3.16 0.00	54.26 3.12 0.00	55.28 2.68 0.00	73.36 4.14 -0.27	88.64 4.68 -5.94	92.03 5.13 -0.01	86.13 4.49 -0.01	89.52 4.02 0.00	55.29 1.56 0.01	51.21 2.06 0.00	45.32 1.95 0.00	41.07 1.73 0.00
RAVENSWOOD_GT_7 24255	35.18 2.15 0.00	30.96 1.78 0.00	29.27 1.73 0.00	27.88 1.65 0.00	27.38 1.65 0.00	28.02 1.71 0.00	31.20 1.82 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.83 2.71 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.57 3.16 0.00	54.26 3.12 0.00	55.28 2.68 0.00	73.36 4.14 -0.27	88.64 4.68 -5.94	92.03 5.13 -0.01	86.13 4.49 -0.01	89.52 4.02 0.00	55.29 1.56 0.01	51.21 2.06 0.00	45.32 1.95 0.00	41.07 1.73 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.18 2.15 0.00	30.96 1.78 0.00	29.27 1.73 0.00	27.88 1.65 0.00	27.37 1.65 0.00	28.02 1.71 0.00	31.20 1.82 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.83 2.71 0.00	42.44 2.63 0.00	47.30 2.80 0.00	52.52 3.11 0.00	54.21 3.07 0.00	55.23 2.63 0.00	73.03 4.07 0.00	82.62 4.60 0.00	91.93 5.04 0.00	86.12 4.49 0.00	89.35 3.85 0.00	55.24 1.50 0.00	51.16 2.01 0.00	45.32 1.95 0.00	41.07 1.73 0.00
RAVENSWOOD_GT_9 24257	35.08 2.05 0.00	30.96 1.78 0.00	29.27 1.74 0.00	27.83 1.60 0.00	27.38 1.65 0.00	27.97 1.66 0.00	31.17 1.79 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.84 2.71 0.00	42.39 2.59 0.00	47.35 2.85 0.00	52.62 3.21 0.00	54.36 3.22 0.00	55.33 2.73 0.00	73.23 4.28 0.00	82.78 4.76 0.00	92.20 5.30 0.00	86.36 4.73 0.00	89.60 4.10 0.00	55.41 1.67 0.00	51.25 2.11 0.00	45.28 1.91 0.00	41.03 1.69 0.00
RAVENSWOOD___1 23533	35.21 2.18 0.00	31.07 1.90 0.00	29.36 1.82 0.00	27.91 1.68 0.00	27.45 1.72 0.00	28.05 1.74 0.00	31.14 1.76 0.00	33.93 2.25 0.00	38.42 2.67 -0.16	40.87 2.75 0.00	42.39 2.59 0.00	47.26 2.76 0.00	52.48 3.06 0.00	54.26 3.12 0.00	55.17 2.58 0.00	73.23 4.28 0.00	82.86 4.84 0.00	92.28 5.39 0.00	86.20 4.57 0.00	89.26 3.76 0.00	55.18 1.45 0.01	51.11 1.97 0.00	45.15 1.78 0.00	41.03 1.69 0.00
RAVENSWOOD___2 23534	35.11 2.08 0.00	30.99 1.81 0.00	29.30 1.76 0.00	27.86 1.63 0.00	27.40 1.67 0.00	28.00 1.69 0.00	31.08 1.70 0.00	33.87 2.18 0.00	38.35 2.60 -0.16	40.80 2.67 0.00	42.32 2.51 0.00	46.94 2.45 0.00	52.03 2.62 0.00	53.79 2.66 0.00	54.70 2.11 0.00	72.54 3.58 0.00	82.07 4.05 0.00	91.41 4.52 0.00	85.47 3.84 0.00	88.41 2.91 0.00	54.65 0.91 0.01	50.67 1.53 0.00	44.89 1.52 0.00	40.91 1.58 0.00
RAVENSWOOD___3 23535	35.08 2.05 0.00	30.96 1.78 0.00	29.27 1.74 0.00	27.86 1.63 0.00	27.38 1.65 0.00	27.97 1.66 0.00	31.17 1.79 0.00	33.90 2.22 0.00	38.35 2.60 -0.16	40.84 2.71 0.00	42.39 2.59 0.00	47.30 2.80 0.00	52.62 3.21 0.00	54.36 3.22 0.00	55.33 2.73 0.00	73.23 4.28 0.00	82.78 4.76 0.00	92.20 5.30 0.00	86.28 4.65 0.00	89.60 4.10 0.00	55.41 1.67 0.00	51.25 2.11 0.00	45.28 1.91 0.00	41.03 1.69 0.00
RAVENSWOOD___4 23820	35.17 2.15 0.00	31.05 1.87 0.00	29.35 1.82 0.00	27.88 1.65 0.00	27.42 1.70 0.00	28.02 1.71 0.00	31.14 1.76 0.00	33.90 2.22 0.00	38.42 2.67 -0.16	40.84 2.71 0.00	42.39 2.59 0.00	47.26 2.76 0.00	52.43 3.01 0.00	54.26 3.12 0.00	55.12 2.52 0.00	72.82 4.21 0.34	75.10 4.76 7.68	92.19 5.30 0.01	86.11 4.49 0.01	89.17 3.67 0.00	55.13 1.39 0.01	51.06 1.91 0.00	45.15 1.78 0.00	40.99 1.65 0.00
RCPL_TRUST___DRP 24196	35.18 2.15 0.00	30.96 1.78 0.00	29.27 1.73 0.00	27.88 1.65 0.00	27.37 1.65 0.00	28.05 1.74 0.00	31.23 1.85 0.00	33.97 2.28 0.00	38.39 2.63 -0.16	40.91 2.78 0.00	42.55 2.75 0.00	47.43 2.94 0.00	52.67 3.26 0.00	54.41 3.27 0.00	55.49 2.89 0.00	73.37 4.41 0.00	82.93 4.92 0.00	92.28 5.39 0.00	86.45 4.82 0.00	89.77 4.27 0.00	55.41 1.67 0.00	51.30 2.16 0.00	45.41 2.04 0.00	41.11 1.77 0.00
RED___ROCHESTER 323720	33.69 0.66 0.00	30.02 0.85 0.00	27.98 0.44 0.00	26.65 0.42 0.00	25.60 -0.13 0.00	26.81 0.50 0.00	29.91 0.53 0.00	31.81 0.13 0.00	35.63 0.04 0.00	38.36 0.23 0.00	40.32 0.52 0.00	45.30 0.80 0.00	50.40 0.99 0.00	52.62 1.48 0.00	54.97 2.37 0.00	71.02 2.07 0.00	80.36 2.34 0.00	89.24 2.35 0.00	83.84 2.20 0.00	88.49 2.99 0.00	56.53 2.79 0.00	50.18 1.03 0.00	44.24 0.87 0.00	40.20 0.86 0.00
REGAN___SOLAR 323812	36.70 3.67 0.00	32.30 3.12 0.00	30.49 2.95 0.00	28.96 2.73 0.00	28.35 2.63 0.00	29.07 2.76 0.00	32.61 3.23 0.00	35.23 3.55 0.00	39.63 3.95 -0.08	42.02 3.89 0.00	44.74 4.94 0.00	50.10 5.61 0.00	55.98 6.57 0.00	57.58 6.44 0.00	59.91 7.31 0.00	79.23 10.28 0.00	87.38 9.36 0.00	98.54 11.65 0.00	93.14 11.51 0.00	97.89 12.39 0.00	62.12 8.38 0.00	56.41 7.27 0.00	49.05 5.68 0.00	44.34 5.00 0.00
RENSSELAER___COGEN 23796	33.95 0.92 0.00	29.97 0.79 0.00	28.36 0.83 0.00	26.99 0.76 0.00	26.50 0.77 0.00	27.10 0.79 0.00	30.29 0.91 0.00	32.67 0.98 0.00	36.73 1.03 -0.10	39.08 0.95 0.00	40.76 0.95 0.00	45.30 0.80 0.00	50.45 1.04 0.00	52.01 0.87 0.00	53.33 0.74 0.00	70.06 1.10 0.00	79.03 1.01 0.00	88.20 1.31 0.00	82.86 1.23 0.00	86.53 1.03 0.00	54.28 0.54 0.00	50.22 1.08 0.00	44.24 0.87 0.00	40.13 0.79 0.00
REPUBLIC_115KV_BARTNBRK 55605	37.42 4.39 0.00	32.82 3.65 0.00	31.06 3.52 0.00	29.43 3.20 0.00	28.82 3.09 0.00	29.55 3.24 0.00	33.14 3.76 0.00	36.06 4.37 0.00	40.89 5.20 -0.10	43.66 5.53 0.00	46.06 6.25 0.00	51.93 7.43 0.00	58.01 8.60 0.00	59.37 8.23 0.00	61.70 9.10 0.00	81.02 12.07 0.00	91.67 13.65 0.00	102.01 15.12 0.00	96.49 14.86 0.00	100.80 15.30 0.00	64.11 10.37 0.00	58.77 9.63 0.00	50.87 7.50 0.00	46.03 6.69 0.00

REVERE_CPPR_DRP 24186	33.86 0.83 0.00	29.88 0.70 0.00	28.12 0.58 0.00	26.81 0.58 0.00	26.19 0.46 0.00	26.86 0.55 0.00	30.17 0.79 0.00	32.64 0.95 0.00	36.66 1.07 0.00	39.35 1.22 0.00	41.40 1.59 0.00	46.50 2.00 0.00	51.68 2.27 0.00	53.90 2.76 0.00	55.12 2.52 0.00	73.28 4.00 -0.32	82.99 4.68 -0.29	92.37 4.78 -0.70	86.78 4.57 -0.58	91.56 5.04 -1.02	57.07 3.33 0.00	51.70 2.56 0.00	45.54 2.17 0.00	41.27 1.93 0.00
REYNOLDS_115KV_TB3 80639	34.28 1.26 0.00	30.23 1.05 0.00	28.61 1.07 0.00	27.25 1.02 0.00	26.73 1.00 0.00	27.39 1.08 0.00	30.53 1.15 0.00	32.92 1.24 0.00	37.09 1.39 -0.10	39.46 1.33 0.00	41.20 1.39 0.00	45.83 1.33 0.00	50.89 1.48 0.00	52.52 1.38 0.00	53.86 1.26 0.00	70.68 1.72 0.00	79.74 1.72 0.00	88.98 2.09 0.00	83.59 1.96 0.00	87.30 1.80 0.00	54.76 1.02 0.00	50.62 1.47 0.00	44.67 1.30 0.00	40.52 1.18 0.00
RIVERBAY____ 323610	35.88 2.84 -0.01	31.58 2.39 -0.01	29.83 2.29 -0.01	28.33 2.10 0.00	27.87 2.14 -0.01	28.56 2.24 -0.01	31.41 2.03 0.00	34.16 2.47 0.00	38.82 3.06 -0.16	41.14 3.01 0.00	43.07 3.26 0.00	48.01 3.52 0.00	53.22 3.80 0.00	54.67 3.53 -0.01	55.87 3.26 -0.01	74.34 5.38 0.00	84.34 6.32 0.00	93.24 6.34 0.00	87.26 5.63 0.00	90.20 4.70 0.00	55.77 2.04 0.01	51.71 2.56 -0.01	45.89 2.52 -0.01	41.71 2.36 -0.01
RIVERSDE_115KV_TB3 55908	34.19 1.16 0.00	30.14 0.96 0.00	28.53 0.99 0.00	27.17 0.94 0.00	26.65 0.93 0.00	27.28 0.97 0.00	30.47 1.09 0.00	32.86 1.17 0.00	36.98 1.28 -0.10	39.39 1.26 0.00	41.12 1.31 0.00	45.74 1.25 0.00	50.84 1.43 0.00	52.47 1.33 0.00	53.81 1.21 0.00	70.61 1.65 0.00	79.74 1.72 0.00	88.89 2.00 0.00	83.51 1.88 0.00	87.21 1.71 0.00	54.71 0.97 0.00	50.62 1.47 0.00	44.59 1.21 0.00	40.44 1.10 0.00
ROARING__BROOK_WT_PWR 323790	32.80 -0.23 0.00	28.91 -0.26 0.00	27.26 -0.28 0.00	25.97 -0.26 0.00	25.50 -0.23 0.00	26.02 -0.29 0.00	29.09 -0.29 0.00	31.43 -0.25 0.00	35.38 -0.21 0.00	37.94 -0.19 0.00	39.57 -0.24 0.00	44.23 -0.27 0.00	49.07 -0.34 0.00	50.78 -0.36 0.00	52.23 -0.37 0.00	68.48 -0.48 0.00	77.55 -0.47 0.00	86.29 -0.60 0.00	81.06 -0.57 0.00	84.91 -0.59 0.00	53.37 -0.37 0.00	48.85 -0.29 0.00	43.16 -0.22 0.00	39.14 -0.20 0.00
ROCHESRG_115KV_T4 355643	33.06 0.03 0.00	29.62 0.44 0.00	27.65 0.11 0.00	26.23 0.00 0.00	25.32 -0.41 0.00	26.36 0.05 0.00	29.53 0.15 0.00	31.40 -0.29 0.00	35.13 -0.46 0.00	37.75 -0.38 0.00	39.61 -0.20 0.00	44.63 0.13 0.00	49.46 0.05 0.00	51.60 0.46 0.00	53.75 1.16 0.00	69.72 0.76 0.00	78.64 0.62 0.00	87.59 0.70 0.00	82.20 0.57 0.00	86.78 1.28 0.00	55.41 1.67 0.00	49.29 0.15 0.00	43.41 0.04 0.00	39.54 0.20 0.00
ROCHESTER_9_IC 23652	33.29 0.26 0.00	29.85 0.67 0.00	27.84 0.30 0.00	26.41 0.18 0.00	25.47 -0.26 0.00	26.52 0.21 0.00	29.70 0.32 0.00	31.62 -0.06 0.00	35.42 -0.18 0.00	38.09 -0.04 0.00	39.97 0.16 0.00	45.07 0.58 0.00	49.95 0.54 0.00	52.16 1.02 0.00	54.33 1.74 0.00	70.41 1.45 0.00	79.42 1.40 0.00	88.55 1.65 0.00	83.10 1.47 0.00	87.64 2.14 0.00	56.00 2.26 0.00	49.78 0.64 0.00	43.80 0.43 0.00	39.89 0.55 0.00
ROCKVIEW_13_KV_LD 356306	35.18 2.15 0.00	30.96 1.78 0.00	29.30 1.76 0.00	27.91 1.68 0.00	27.40 1.67 0.00	28.05 1.74 0.00	31.26 1.88 0.00	33.93 2.25 0.00	38.35 2.60 -0.16	40.87 2.75 0.00	42.55 2.75 0.00	47.43 2.94 0.00	52.77 3.36 0.00	54.51 3.38 0.00	55.59 3.00 0.00	73.51 4.55 0.00	83.17 5.15 0.00	92.46 5.56 0.00	86.69 5.06 0.00	90.20 4.70 0.00	55.78 2.04 0.00	51.55 2.41 0.00	45.54 2.17 0.00	41.23 1.89 0.00
ROME____115KV_TB2 80656	33.86 0.83 0.00	29.88 0.70 0.00	28.12 0.58 0.00	26.81 0.58 0.00	26.19 0.46 0.00	26.86 0.55 0.00	30.17 0.79 0.00	32.64 0.95 0.00	36.66 1.07 0.00	39.35 1.22 0.00	41.40 1.59 0.00	46.50 2.00 0.00	51.68 2.27 0.00	53.90 2.76 0.00	55.12 2.52 0.00	73.28 4.00 -0.32	82.99 4.68 -0.29	92.37 4.78 -0.70	86.78 4.57 -0.58	91.56 5.04 -1.02	57.07 3.33 0.00	51.70 2.56 0.00	45.54 2.17 0.00	41.27 1.93 0.00
ROSETON__1 23587	34.55 1.52 0.00	30.49 1.31 0.00	28.89 1.35 0.00	27.49 1.26 0.00	27.01 1.29 0.00	27.60 1.29 0.00	30.76 1.38 0.00	33.33 1.65 0.00	37.74 1.89 -0.26	40.07 1.94 0.00	41.72 1.91 0.00	46.54 2.05 0.00	51.73 2.32 0.00	53.44 2.30 0.00	54.59 2.00 0.00	72.06 3.11 0.00	81.29 3.28 0.00	90.63 3.73 0.00	84.98 3.35 0.00	88.49 2.99 0.00	55.08 1.34 0.00	50.91 1.77 0.00	44.89 1.52 0.00	40.64 1.30 0.00
ROSETON__2 23588	34.55 1.52 0.00	30.49 1.31 0.00	28.89 1.35 0.00	27.49 1.26 0.00	27.01 1.29 0.00	27.60 1.29 0.00	30.76 1.38 0.00	33.33 1.65 0.00	37.74 1.89 -0.26	40.07 1.94 0.00	41.72 1.91 0.00	46.54 2.05 0.00	51.73 2.32 0.00	53.44 2.30 0.00	54.59 2.00 0.00	72.06 3.11 0.00	81.29 3.28 0.00	90.63 3.73 0.00	84.98 3.35 0.00	88.49 2.99 0.00	55.08 1.34 0.00	50.91 1.77 0.00	44.89 1.52 0.00	40.64 1.30 0.00
ROTTTRDAM_115KV_TB3 80664	34.48 1.45 0.00	30.37 1.20 0.00	28.75 1.21 0.00	27.38 1.15 0.00	26.83 1.11 0.00	27.50 1.18 0.00	30.67 1.29 0.00	33.11 1.43 0.00	37.33 1.64 -0.09	39.81 1.68 0.00	41.60 1.79 0.00	46.41 1.91 0.00	51.58 2.17 0.00	53.23 2.10 0.00	54.65 2.05 0.00	71.78 2.83 0.00	81.14 3.12 0.00	90.37 3.48 0.00	84.98 3.35 0.00	88.92 3.42 0.00	55.84 2.10 0.00	51.40 2.26 0.00	45.24 1.86 0.00	41.03 1.69 0.00
RUSSELL__1 23602	33.49 0.46 0.00	30.02 0.85 0.00	27.98 0.44 0.00	26.54 0.31 0.00	25.60 -0.13 0.00	26.65 0.34 0.00	29.88 0.50 0.00	31.81 0.13 0.00	35.63 0.04 0.00	38.36 0.23 0.00	40.25 0.44 0.00	45.39 0.89 0.00	50.30 0.89 0.00	52.57 1.43 0.00	54.81 2.21 0.00	71.03 2.07 0.00	80.13 2.11 0.00	89.24 2.35 0.00	83.75 2.12 0.00	88.32 2.82 0.00	56.48 2.74 0.00	50.17 1.03 0.00	44.15 0.78 0.00	40.17 0.83 0.00
RUSSELL__2 23532	33.49 0.46 0.00	30.02 0.85 0.00	27.98 0.44 0.00	26.54 0.31 0.00	25.60 -0.13 0.00	26.65 0.34 0.00	29.88 0.50 0.00	31.81 0.13 0.00	35.63 0.04 0.00	38.36 0.23 0.00	40.25 0.44 0.00	45.39 0.89 0.00	50.30 0.89 0.00	52.57 1.43 0.00	54.81 2.21 0.00	71.03 2.07 0.00	80.13 2.11 0.00	89.24 2.35 0.00	83.75 2.12 0.00	88.32 2.82 0.00	56.48 2.74 0.00	50.17 1.03 0.00	44.15 0.78 0.00	40.17 0.83 0.00
RUSSELL__3 23549	33.49 0.46 0.00	30.02 0.85 0.00	27.98 0.44 0.00	26.54 0.31 0.00	25.60 -0.13 0.00	26.65 0.34 0.00	29.88 0.50 0.00	31.81 0.13 0.00	35.63 0.04 0.00	38.36 0.23 0.00	40.25 0.44 0.00	45.39 0.89 0.00	50.30 0.89 0.00	52.57 1.43 0.00	54.81 2.21 0.00	71.03 2.07 0.00	80.13 2.11 0.00	89.24 2.35 0.00	83.75 2.12 0.00	88.32 2.82 0.00	56.48 2.74 0.00	50.17 1.03 0.00	44.15 0.78 0.00	40.17 0.83 0.00

RUSSELL___4 23556	33.49 0.46 0.00	30.02 0.85 0.00	27.98 0.44 0.00	26.54 0.31 0.00	25.60 -0.13 0.00	26.65 0.34 0.00	29.88 0.50 0.00	31.81 0.13 0.00	35.63 0.04 0.00	38.36 0.23 0.00	40.25 0.44 0.00	45.39 0.89 0.00	50.30 0.89 0.00	52.57 1.43 0.00	54.81 2.21 0.00	71.03 2.07 0.00	80.13 2.11 0.00	89.24 2.35 0.00	83.75 2.12 0.00	88.32 2.82 0.00	56.48 2.74 0.00	50.17 1.03 0.00	44.15 0.78 0.00	40.17 0.83 0.00
RUSSELL___STATION 23914	33.49 0.46 0.00	30.02 0.85 0.00	27.98 0.44 0.00	26.54 0.31 0.00	25.60 -0.13 0.00	26.65 0.34 0.00	29.88 0.50 0.00	31.81 0.13 0.00	35.63 0.04 0.00	38.36 0.23 0.00	40.25 0.44 0.00	45.39 0.89 0.00	50.30 0.89 0.00	52.57 1.43 0.00	54.81 2.21 0.00	71.03 2.07 0.00	80.13 2.11 0.00	89.24 2.35 0.00	83.75 2.12 0.00	88.32 2.82 0.00	56.48 2.74 0.00	50.17 1.03 0.00	44.15 0.78 0.00	40.17 0.83 0.00
S SALMON___HYD 24043	32.63 -0.39 0.00	28.86 -0.32 0.00	27.13 -0.41 0.00	25.89 -0.34 0.00	25.27 -0.46 0.00	25.94 -0.37 0.00	29.00 -0.38 0.00	31.24 -0.44 0.00	34.96 -0.64 0.00	37.48 -0.65 0.00	39.33 -0.48 0.00	44.14 -0.36 0.00	49.12 -0.29 0.00	50.93 -0.20 0.00	52.54 -0.05 0.00	70.29 -0.27 -1.61	79.24 -0.23 -1.45	90.22 -0.17 -3.50	84.59 0.08 -2.88	90.93 0.34 -5.09	54.17 0.43 0.00	49.19 0.05 0.00	43.33 -0.04 0.00	39.30 -0.04 0.00
S.PERRY___115KV_TB1 80734	34.52 1.49 0.00	30.96 1.78 0.00	28.80 1.27 0.00	27.33 1.10 0.00	26.37 0.64 0.00	27.50 1.18 0.00	30.00 0.62 0.00	31.56 -0.13 0.00	34.99 -0.61 0.00	37.44 -0.69 0.00	39.05 -0.76 0.00	44.36 -0.13 0.00	47.38 -2.03 0.00	49.35 -1.79 0.00	51.86 -0.74 0.00	66.82 -2.14 0.00	75.29 -2.73 0.00	85.50 -1.39 0.00	81.14 -0.49 0.00	86.27 0.77 0.00	55.68 1.93 0.00	49.34 0.20 0.00	43.50 0.13 0.00	40.52 1.18 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.00 -0.03 0.00	29.85 0.67 0.00	27.73 0.19 0.00	26.25 0.03 0.00	25.16 -0.57 0.00	26.52 0.21 0.00	29.73 0.35 0.00	31.18 -0.51 0.00	34.67 -0.93 0.00	37.25 -0.88 0.00	39.01 -0.80 0.00	44.09 -0.40 0.00	48.87 -0.54 0.00	51.03 -0.10 0.00	53.33 0.74 0.00	68.82 -0.14 0.00	77.32 -0.70 0.00	85.94 -0.96 0.00	80.65 -0.98 0.00	85.67 0.17 0.00	55.25 1.50 0.00	48.50 -0.64 0.00	42.94 -0.43 0.00	39.30 -0.04 0.00
SAWYER___23_KV_LOAD 55526	33.00 -0.03 0.00	29.85 0.67 0.00	27.73 0.19 0.00	26.25 0.03 0.00	25.16 -0.57 0.00	26.52 0.21 0.00	29.73 0.35 0.00	31.18 -0.51 0.00	34.67 -0.93 0.00	37.25 -0.88 0.00	39.01 -0.80 0.00	44.09 -0.40 0.00	48.87 -0.54 0.00	51.03 -0.10 0.00	53.33 0.74 0.00	68.82 -0.14 0.00	77.32 -0.70 0.00	85.94 -0.96 0.00	80.65 -0.98 0.00	85.67 0.17 0.00	55.25 1.50 0.00	48.50 -0.64 0.00	42.94 -0.43 0.00	39.30 -0.04 0.00
SELKIRK___I 23801	34.32 1.29 0.00	30.29 1.11 0.00	28.69 1.16 0.00	27.30 1.08 0.00	26.78 1.06 0.00	27.39 1.08 0.00	30.58 1.21 0.00	32.98 1.30 0.00	37.12 1.43 -0.10	39.50 1.37 0.00	41.28 1.47 0.00	45.74 1.24 0.00	50.89 1.48 0.00	52.52 1.38 0.00	53.91 1.32 0.00	70.68 1.72 0.00	79.81 1.80 0.00	88.98 2.08 0.00	83.75 2.12 0.00	87.55 2.05 0.00	55.08 1.34 0.00	50.96 1.82 0.00	44.89 1.52 0.00	40.72 1.38 0.00
SELKIRK___II 23799	34.05 1.03 0.00	30.05 0.87 0.00	28.45 0.91 0.00	27.07 0.84 0.00	26.58 0.85 0.00	27.18 0.87 0.00	30.35 0.97 0.00	32.73 1.04 0.00	36.84 1.14 -0.10	39.23 1.11 0.00	40.92 1.11 0.00	45.21 0.71 0.00	50.30 0.89 0.00	51.91 0.77 0.00	53.18 0.58 0.00	69.85 0.89 0.00	78.88 0.86 0.00	87.85 0.96 0.00	82.69 1.06 0.00	86.27 0.77 0.00	54.22 0.48 0.00	50.42 1.28 0.00	44.41 1.04 0.00	40.28 0.94 0.00
SENECA OSWGO___HYD 24041	32.50 -0.53 0.00	28.74 -0.44 0.00	27.07 -0.47 0.00	25.78 -0.45 0.00	25.16 -0.57 0.00	25.89 -0.42 0.00	28.91 -0.47 0.00	31.12 -0.57 0.00	34.88 -0.71 0.00	37.44 -0.69 0.00	39.25 -0.56 0.00	43.92 -0.58 0.00	48.87 -0.54 0.00	50.73 -0.41 0.00	52.44 -0.16 0.00	70.78 -0.41 -2.23	79.49 -0.54 -2.02	91.15 -0.60 -4.86	85.14 -0.49 -3.99	92.13 -0.43 -7.06	53.69 -0.05 0.00	48.70 -0.44 0.00	42.89 -0.48 0.00	38.91 -0.43 0.00
SENECA___115KV_TB3 355854	33.36 0.33 0.00	30.17 0.99 0.00	28.01 0.47 0.00	26.52 0.29 0.00	25.47 -0.26 0.00	26.81 0.50 0.00	30.06 0.68 0.00	31.59 -0.10 0.00	35.13 -0.46 0.00	37.75 -0.38 0.00	39.57 -0.24 0.00	44.76 0.27 0.00	49.66 0.25 0.00	51.85 0.72 0.00	54.17 1.58 0.00	69.99 1.03 0.00	78.72 0.70 0.00	87.33 0.43 0.00	81.96 0.33 0.00	87.04 1.54 0.00	56.00 2.26 0.00	49.14 0.00 0.00	43.50 0.13 0.00	39.77 0.43 0.00
SENECA___ENERGY 23797	33.10 0.07 0.00	29.44 0.26 0.00	27.57 0.03 0.00	26.25 0.03 0.00	25.52 -0.21 0.00	26.44 0.13 0.00	29.56 0.18 0.00	31.65 -0.03 0.00	35.45 -0.14 0.00	38.05 -0.08 0.00	40.05 0.24 0.00	44.85 0.35 0.00	49.90 0.49 0.00	52.01 0.87 0.00	53.96 1.37 0.00	71.19 1.31 -0.93	80.26 1.41 -0.84	90.56 1.65 -2.02	85.00 1.72 -1.66	90.57 2.14 -2.93	55.41 1.67 0.00	49.83 0.69 0.00	43.89 0.52 0.00	39.81 0.47 0.00
SHOEMAKER___GT 23640	34.42 1.39 0.00	30.35 1.17 0.00	28.72 1.18 0.00	27.33 1.10 0.00	26.83 1.11 0.00	27.44 1.13 0.00	30.61 1.23 0.00	33.11 1.43 0.00	36.91 1.56 0.25	39.77 1.64 0.00	41.36 1.55 0.00	46.23 1.73 0.00	51.44 2.03 0.00	53.18 2.05 0.00	54.39 1.79 0.00	71.79 2.83 0.00	81.22 3.20 0.00	90.46 3.56 0.00	84.98 3.35 0.00	88.66 3.17 0.00	55.24 1.50 0.00	50.86 1.72 0.00	44.80 1.43 0.00	40.60 1.26 0.00
SHOEMAKR_138KV_BK 111 55601	34.42 1.39 0.00	30.32 1.14 0.00	28.69 1.16 0.00	27.33 1.10 0.00	26.83 1.11 0.00	27.44 1.13 0.00	30.58 1.20 0.00	33.08 1.39 0.00	36.92 1.57 0.25	39.77 1.64 0.00	41.40 1.59 0.00	46.19 1.69 0.00	51.34 1.93 0.00	53.08 1.94 0.00	54.28 1.68 0.00	71.65 2.69 0.00	80.98 2.96 0.00	90.11 3.22 0.00	84.73 3.10 0.00	88.32 2.82 0.00	54.98 1.24 0.00	50.71 1.57 0.00	44.76 1.39 0.00	40.56 1.22 0.00
SHOREHAM_IC_1 23715	39.40 3.14 -3.23	38.84 2.63 -7.04	34.36 2.62 -4.20	28.84 2.60 -0.02	28.84 2.60 -0.51	29.62 2.63 -0.67	31.91 2.53 0.00	34.88 3.20 0.00	39.59 3.70 -0.29	42.03 3.78 -0.13	52.14 3.62 -8.71	56.96 4.01 -8.46	62.15 4.54 -8.20	68.92 4.50 -13.28	90.94 4.21 -34.14	180.25 5.66 -105.64	197.70 5.85 -113.83	249.95 7.13 -155.93	220.05 6.29 -132.14	93.76 5.48 -2.78	65.67 2.95 -8.97	59.14 3.88 -6.12	51.25 3.43 -4.45	46.30 3.11 -3.85
SHOREHAM_IC_2 23716	39.40 3.14 -3.23	38.84 2.63 -7.04	34.36 2.62 -4.20	28.84 2.60 -0.02	28.84 2.60 -0.51	29.62 2.63 -0.67	31.91 2.53 0.00	34.88 3.20 0.00	39.59 3.70 -0.29	42.03 3.78 -0.13	52.14 3.62 -8.71	56.96 4.01 -8.46	62.15 4.54 -8.20	68.92 4.50 -13.28	90.94 4.21 -34.14	180.25 5.66 -105.64	197.70 5.85 -113.83	249.95 7.13 -155.93	220.05 6.29 -132.14	93.76 5.48 -2.78	65.67 2.95 -8.97	59.14 3.88 -6.12	51.25 3.43 -4.45	46.30 3.11 -3.85

SISSONVILLE____ 23735	32.63 -0.40 0.00	28.68 -0.50 0.00	27.07 -0.47 0.00	25.81 -0.42 0.00	25.29 -0.44 0.00	25.36 -0.95 0.00	28.29 -1.09 0.00	30.64 -1.05 0.00	34.49 -1.10 0.00	36.91 -1.22 0.00	38.45 -1.35 0.00	43.12 -1.38 0.00	47.78 -1.63 0.00	49.30 -1.84 0.00	50.76 -1.84 0.00	67.19 -2.00 -0.23	76.28 -1.95 -0.21	84.97 -2.43 -0.51	79.93 -2.12 -0.42	84.02 -2.22 -0.74	52.45 -1.29 0.00	47.91 -1.23 0.00	42.50 -0.87 0.00	38.99 -0.35 0.00
SITHE_IND_GS1 24169	32.04 -0.99 0.00	28.36 -0.82 0.00	26.71 -0.83 0.00	25.44 -0.79 0.00	24.85 -0.87 0.00	25.52 -0.79 0.00	28.50 -0.88 0.00	30.70 -0.98 0.00	34.46 -1.14 0.00	36.95 -1.18 0.00	38.65 -1.16 0.00	43.25 -1.25 0.00	48.08 -1.33 0.00	49.91 -1.23 0.00	51.49 -1.11 0.00	60.87 -1.66 6.43	70.34 -1.87 5.81	70.73 -2.17 14.00	68.09 -2.04 11.50	63.20 -1.96 20.34	52.67 -1.07 0.00	47.86 -1.28 0.00	42.20 -1.17 0.00	38.28 -1.06 0.00
SITHE_IND_GS2 24170	32.04 -0.99 0.00	28.36 -0.82 0.00	26.71 -0.83 0.00	25.44 -0.79 0.00	24.85 -0.87 0.00	25.52 -0.79 0.00	28.50 -0.88 0.00	30.70 -0.98 0.00	34.46 -1.14 0.00	36.95 -1.18 0.00	38.65 -1.16 0.00	43.25 -1.25 0.00	48.08 -1.33 0.00	49.91 -1.23 0.00	51.49 -1.11 0.00	60.87 -1.66 6.43	70.34 -1.87 5.81	70.73 -2.17 14.00	68.09 -2.04 11.50	63.20 -1.96 20.34	52.67 -1.07 0.00	47.86 -1.28 0.00	42.20 -1.17 0.00	38.28 -1.06 0.00
SITHE_IND_GS3 24171	32.04 -0.99 0.00	28.36 -0.82 0.00	26.71 -0.83 0.00	25.44 -0.79 0.00	24.85 -0.87 0.00	25.52 -0.79 0.00	28.50 -0.88 0.00	30.70 -0.98 0.00	34.46 -1.14 0.00	36.95 -1.18 0.00	38.65 -1.16 0.00	43.25 -1.25 0.00	48.08 -1.33 0.00	49.91 -1.23 0.00	51.49 -1.11 0.00	60.87 -1.66 6.43	70.34 -1.87 5.81	70.73 -2.17 14.00	68.09 -2.04 11.50	63.20 -1.96 20.34	52.67 -1.07 0.00	47.86 -1.28 0.00	42.20 -1.17 0.00	38.28 -1.06 0.00
SITHE_IND_GS4 24172	32.04 -0.99 0.00	28.36 -0.82 0.00	26.71 -0.83 0.00	25.44 -0.79 0.00	24.85 -0.87 0.00	25.52 -0.79 0.00	28.50 -0.88 0.00	30.70 -0.98 0.00	34.46 -1.14 0.00	36.95 -1.18 0.00	38.65 -1.16 0.00	43.25 -1.25 0.00	48.08 -1.33 0.00	49.91 -1.23 0.00	51.49 -1.11 0.00	60.87 -1.66 6.43	70.34 -1.87 5.81	70.73 -2.17 14.00	68.09 -2.04 11.50	63.20 -1.96 20.34	52.67 -1.07 0.00	47.86 -1.28 0.00	42.20 -1.17 0.00	38.28 -1.06 0.00
SITHE____BATAVIA 24024	34.19 1.16 0.00	30.58 1.40 0.00	28.39 0.85 0.00	27.01 0.79 0.00	25.78 0.05 0.00	27.31 1.00 0.00	30.35 0.97 0.00	31.91 0.22 0.00	35.38 -0.21 0.00	38.05 -0.08 0.00	40.21 0.40 0.00	45.25 0.76 0.00	50.25 0.84 0.00	52.57 1.43 0.00	55.02 2.42 0.00	70.82 1.86 0.00	79.97 1.95 0.00	88.72 1.83 0.00	83.51 1.88 0.00	88.66 3.17 0.00	56.97 3.22 0.00	49.98 0.83 0.00	44.15 0.78 0.00	40.32 0.98 0.00
SITHE____INDEPEND 23800	32.01 -1.02 0.00	28.36 -0.82 0.00	26.71 -0.83 0.00	25.42 -0.81 0.00	24.85 -0.87 0.00	25.52 -0.79 0.00	28.50 -0.88 0.00	30.70 -0.98 0.00	34.46 -1.14 0.00	36.95 -1.18 0.00	38.65 -1.15 0.00	43.29 -1.20 0.00	48.08 -1.33 0.00	49.86 -1.28 0.00	51.39 -1.21 0.00	60.80 -1.72 6.43	70.26 -1.95 5.81	70.73 -2.17 14.00	68.09 -2.04 11.50	63.11 -2.05 20.34	52.67 -1.07 0.00	47.86 -1.28 0.00	42.20 -1.17 0.00	38.28 -1.06 0.00
SITHE____MASSENA 23902	32.90 -0.13 0.00	28.94 -0.23 0.00	27.32 -0.22 0.00	26.05 -0.18 0.00	25.63 -0.10 0.00	25.94 -0.37 0.00	28.97 -0.41 0.00	31.31 -0.38 0.00	35.24 -0.36 0.00	37.75 -0.38 0.00	39.29 -0.52 0.00	44.01 -0.49 0.00	48.62 -0.79 0.00	50.22 -0.92 0.00	51.75 -0.84 0.00	68.06 -0.90 0.00	77.16 -0.86 0.00	85.76 -1.13 0.00	80.66 -0.98 0.00	84.30 -1.20 0.00	53.04 -0.70 0.00	48.70 -0.44 0.00	43.11 -0.26 0.00	39.22 -0.12 0.00
SITHE____OGDNSBRG 24021	33.13 0.10 0.00	29.12 -0.06 0.00	27.46 -0.08 0.00	26.20 -0.03 0.00	25.73 0.00 0.00	25.97 -0.34 0.00	29.00 -0.38 0.00	31.37 -0.32 0.00	35.35 -0.25 0.00	37.86 -0.27 0.00	39.53 -0.28 0.00	44.32 -0.18 0.00	49.21 -0.20 0.00	50.78 -0.36 0.00	52.23 -0.37 0.00	69.10 0.14 0.00	78.41 0.39 0.00	86.81 -0.09 0.00	81.71 0.08 0.00	85.59 0.09 0.00	53.96 0.21 0.00	49.29 0.15 0.00	43.59 0.22 0.00	39.77 0.43 0.00
SITHE____STERLING 23777	33.69 0.66 0.00	29.73 0.55 0.00	27.98 0.44 0.00	26.70 0.47 0.00	26.06 0.33 0.00	26.76 0.45 0.00	30.00 0.62 0.00	32.38 0.70 0.00	36.38 0.78 0.00	39.04 0.91 0.00	41.08 1.27 0.00	46.05 1.56 0.00	51.19 1.78 0.00	53.33 2.20 0.00	54.97 2.37 0.00	72.56 3.24 -0.36	81.62 3.28 -0.32	91.40 3.73 -0.78	85.95 3.68 -0.64	90.65 4.02 -1.13	56.43 2.69 0.00	51.11 1.97 0.00	45.02 1.65 0.00	40.80 1.46 0.00
SLEIGHT__34_KV_TB1 80719	33.82 0.79 0.00	30.08 0.90 0.00	28.14 0.61 0.00	26.78 0.55 0.00	26.09 0.36 0.00	26.92 0.61 0.00	30.11 0.73 0.00	32.48 0.79 0.00	36.52 0.93 0.00	39.27 1.14 0.00	41.36 1.55 0.00	46.50 2.00 0.00	51.68 2.27 0.00	53.90 2.76 0.00	55.75 3.16 0.00	73.84 4.14 -0.75	83.38 4.68 -0.68	93.47 4.95 -1.63	87.62 4.65 -1.34	92.91 5.04 -2.36	57.18 3.44 0.00	51.45 2.31 0.00	45.19 1.82 0.00	40.95 1.61 0.00
SOUTH CAIRO____GT 23612	35.18 2.15 0.00	30.96 1.78 0.00	29.30 1.76 0.00	27.80 1.57 0.00	27.27 1.54 0.00	27.94 1.63 0.00	31.32 1.94 0.00	33.81 2.12 0.00	37.78 2.10 -0.09	40.22 2.10 0.00	41.84 2.03 0.00	46.45 1.96 0.00	51.83 2.42 0.00	53.59 2.45 0.00	55.12 2.52 0.00	72.54 3.58 0.00	81.92 3.90 0.00	91.50 4.60 0.00	86.61 4.98 0.00	90.54 5.04 0.00	57.13 3.39 0.00	52.93 3.78 0.00	46.23 2.86 0.00	41.94 2.60 0.00
SOUTH HAMPTN____IC 23720	40.18 3.93 -3.23	39.57 3.35 -7.04	35.04 3.30 -4.20	29.42 3.17 -0.02	29.40 3.16 -0.51	30.19 3.21 -0.67	32.58 3.20 0.00	35.68 3.99 0.00	40.55 4.66 -0.29	43.18 4.92 -0.13	53.37 4.85 -8.71	58.47 5.52 -8.46	63.91 6.28 -8.22	70.20 6.29 -12.78	91.56 6.15 -32.81	178.51 8.13 -101.42	195.88 8.58 -109.28	246.42 9.82 -149.71	217.55 9.06 -126.86	96.56 8.38 -2.67	67.28 4.78 -8.76	60.42 5.41 -5.87	52.47 4.64 -4.45	47.36 4.17 -3.85
SOUTHDOW_115KV_TB1 355954	34.32 1.29 0.00	30.96 1.78 0.00	28.69 1.16 0.00	27.20 0.97 0.00	26.19 0.46 0.00	27.60 1.29 0.00	30.70 1.32 0.00	32.45 0.76 0.00	35.95 0.36 0.00	38.62 0.50 0.00	40.52 0.72 0.00	45.74 1.25 0.00	50.70 1.28 0.00	53.03 1.89 0.00	55.33 2.74 0.00	71.44 2.48 0.00	80.36 2.34 0.00	89.24 2.35 0.00	83.75 2.12 0.00	88.58 3.08 0.00	56.86 3.12 0.00	50.17 1.03 0.00	44.32 0.95 0.00	40.44 1.10 0.00
SOUTHOLD_69_KV_BK 2 55809	41.11 4.86 -3.23	40.36 4.14 -7.04	35.73 3.99 -4.20	30.07 3.83 -0.02	30.00 3.76 -0.51	30.88 3.89 -0.67	33.35 3.97 0.00	36.50 4.82 0.00	41.58 5.70 -0.29	44.32 6.06 -0.13	54.76 6.25 -8.71	60.03 7.07 -8.46	65.59 7.96 -8.22	72.10 8.18 -12.78	93.42 7.99 -32.83	180.70 10.27 -101.47	198.97 11.62 -109.33	247.09 10.43 -149.77	219.73 11.18 -126.92	99.20 11.03 -2.67	69.06 6.56 -8.76	61.90 6.88 -5.88	53.81 5.99 -4.45	48.50 5.31 -3.85

SOUTHOLD___IC 23719	41.04 4.79 -3.23	40.36 4.14 -7.04	35.73 3.99 -4.20	30.05 3.80 -0.02	30.00 3.76 -0.51	30.85 3.87 -0.67	33.32 3.94 0.00	36.50 4.81 0.00	41.58 5.69 -0.29	44.32 6.06 -0.13	54.68 6.17 -8.71	60.07 7.12 -8.46	65.69 8.06 -8.22	72.20 8.28 -12.78	93.62 8.20 -32.83	181.25 10.83 -101.47	198.89 11.54 -109.33	247.88 11.21 -149.77	220.63 12.08 -126.92	99.71 11.54 -2.67	69.17 6.66 -8.76	61.95 6.93 -5.88	53.68 5.85 -4.45	48.42 5.23 -3.85
SPIERFLS_115KV_TB 1 80737	35.11 2.08 0.00	30.90 1.72 0.00	29.25 1.71 0.00	27.78 1.55 0.00	27.22 1.49 0.00	27.86 1.55 0.00	31.17 1.79 0.00	33.78 2.09 0.00	38.19 2.49 -0.10	40.72 2.59 0.00	42.48 2.67 0.00	47.52 3.03 0.00	52.87 3.46 0.00	54.10 2.97 0.00	55.91 3.31 0.00	73.30 4.34 0.00	82.86 4.84 0.00	92.46 5.56 0.00	87.51 5.88 0.00	91.40 5.90 0.00	57.66 3.92 0.00	53.42 4.28 0.00	46.71 3.34 0.00	42.33 2.99 0.00
ST LAWRENCE____ 23600	32.57 -0.46 0.00	28.68 -0.50 0.00	27.07 -0.47 0.00	25.81 -0.42 0.00	25.42 -0.31 0.00	25.79 -0.53 0.00	28.79 -0.59 0.00	31.12 -0.57 0.00	34.99 -0.61 0.00	37.52 -0.61 0.00	39.05 -0.76 0.00	43.70 -0.80 0.00	48.32 -1.09 0.00	49.91 -1.23 0.00	51.33 -1.26 0.00	67.44 -1.52 0.00	76.46 -1.56 0.00	84.98 -1.91 0.00	79.91 -1.72 0.00	83.62 -1.88 0.00	52.56 -1.18 0.00	48.26 -0.88 0.00	42.72 -0.65 0.00	38.79 -0.55 0.00
STATE_CA_115KV_115_LB 55624	34.19 1.16 0.00	30.14 0.96 0.00	28.53 0.99 0.00	27.15 0.92 0.00	26.63 0.90 0.00	27.28 0.97 0.00	30.47 1.09 0.00	32.89 1.20 0.00	37.01 1.32 -0.10	39.42 1.30 0.00	41.24 1.43 0.00	45.87 1.38 0.00	50.99 1.58 0.00	52.62 1.48 0.00	53.96 1.37 0.00	70.89 1.93 0.00	80.05 2.03 0.00	89.15 2.26 0.00	83.75 2.12 0.00	87.47 1.97 0.00	54.87 1.13 0.00	50.71 1.57 0.00	44.67 1.30 0.00	40.52 1.18 0.00
STATE_ST_34_KV_LOAD 55959	33.49 0.46 0.00	29.76 0.58 0.00	27.92 0.39 0.00	26.60 0.37 0.00	25.96 0.23 0.00	26.71 0.39 0.00	29.82 0.44 0.00	32.13 0.44 0.00	36.09 0.50 0.00	38.78 0.65 0.00	40.41 0.60 0.00	45.34 0.85 0.00	50.35 0.94 0.00	52.42 1.28 0.00	54.54 1.95 0.00	72.07 2.00 -1.11	81.28 2.26 -1.00	92.44 3.13 -2.42	86.64 3.02 -1.99	92.35 3.33 -3.51	56.05 2.31 0.00	50.67 1.52 0.00	44.63 1.26 0.00	40.44 1.10 0.00
STATION 5_MISC_HYD 23604	33.49 0.46 0.00	29.85 0.67 0.00	27.84 0.30 0.00	26.49 0.26 0.00	25.47 -0.26 0.00	26.68 0.37 0.00	29.76 0.38 0.00	31.62 -0.06 0.00	35.42 -0.18 0.00	38.09 -0.04 0.00	40.05 0.24 0.00	44.99 0.49 0.00	50.01 0.60 0.00	52.21 1.08 0.00	54.44 1.84 0.00	70.47 1.52 0.00	79.66 1.64 0.00	88.46 1.57 0.00	83.10 1.47 0.00	87.81 2.31 0.00	56.05 2.31 0.00	49.78 0.64 0.00	43.89 0.52 0.00	39.93 0.59 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.29 0.26 0.00	29.76 0.58 0.00	27.79 0.25 0.00	26.41 0.18 0.00	25.57 -0.15 0.00	26.52 0.21 0.00	29.73 0.35 0.00	31.81 0.13 0.00	35.67 0.07 0.00	38.36 0.23 0.00	40.33 0.52 0.00	45.47 0.98 0.00	50.45 1.04 0.00	52.72 1.59 0.00	54.70 2.10 0.00	71.54 2.34 -0.23	80.80 2.57 -0.21	90.10 2.69 -0.51	84.58 2.53 -0.42	89.23 2.99 -0.74	56.27 2.53 0.00	50.22 1.08 0.00	44.15 0.78 0.00	40.09 0.75 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.06 0.03 0.00	29.59 0.41 0.00	27.62 0.08 0.00	26.20 -0.03 0.00	25.32 -0.41 0.00	26.34 0.03 0.00	29.50 0.12 0.00	31.46 -0.22 0.00	35.24 -0.36 0.00	37.94 -0.19 0.00	39.85 0.04 0.00	44.90 0.40 0.00	49.81 0.40 0.00	52.01 0.87 0.00	54.17 1.58 0.00	70.34 1.38 0.00	79.42 1.40 0.00	88.37 1.48 0.00	82.94 1.31 0.00	87.38 1.88 0.00	55.73 1.99 0.00	49.58 0.44 0.00	43.63 0.26 0.00	39.65 0.31 0.00
STA_56___34_KV_BUS2 355983	33.06 0.03 0.00	29.59 0.41 0.00	27.62 0.08 0.00	26.20 -0.03 0.00	25.32 -0.41 0.00	26.34 0.03 0.00	29.50 0.12 0.00	31.46 -0.22 0.00	35.24 -0.36 0.00	37.94 -0.19 0.00	39.85 0.04 0.00	44.90 0.40 0.00	49.81 0.40 0.00	52.01 0.87 0.00	54.17 1.58 0.00	70.34 1.38 0.00	79.42 1.40 0.00	88.37 1.48 0.00	82.94 1.31 0.00	87.38 1.88 0.00	55.73 1.99 0.00	49.58 0.44 0.00	43.63 0.26 0.00	39.65 0.31 0.00
STA_67___115KV_BK2 355882	33.19 0.17 0.00	29.76 0.58 0.00	27.76 0.22 0.00	26.33 0.10 0.00	25.42 -0.31 0.00	26.47 0.16 0.00	29.64 0.26 0.00	31.56 -0.13 0.00	35.31 -0.28 0.00	37.98 -0.15 0.00	39.81 0.00 0.00	44.90 0.40 0.00	49.76 0.35 0.00	51.96 0.82 0.00	54.12 1.53 0.00	70.13 1.17 0.00	79.11 1.09 0.00	88.20 1.30 0.00	82.77 1.14 0.00	87.30 1.80 0.00	55.78 2.04 0.00	49.58 0.44 0.00	43.67 0.30 0.00	39.73 0.39 0.00
STA_7___115KV_9TRANS 80674	33.49 0.46 0.00	30.02 0.85 0.00	27.98 0.44 0.00	26.54 0.31 0.00	25.60 -0.13 0.00	26.65 0.34 0.00	29.88 0.50 0.00	31.81 0.13 0.00	35.63 0.04 0.00	38.36 0.23 0.00	40.25 0.44 0.00	45.39 0.89 0.00	50.30 0.89 0.00	52.57 1.43 0.00	54.81 2.21 0.00	71.03 2.07 0.00	80.13 2.11 0.00	89.24 2.35 0.00	83.75 2.12 0.00	88.32 2.82 0.00	56.48 2.74 0.00	50.17 1.03 0.00	44.15 0.78 0.00	40.17 0.83 0.00
STA_82___115KV_TB1 80780	33.23 0.20 0.00	29.79 0.61 0.00	27.79 0.25 0.00	26.36 0.13 0.00	25.44 -0.28 0.00	26.50 0.18 0.00	29.67 0.29 0.00	31.56 -0.13 0.00	35.35 -0.25 0.00	37.98 -0.15 0.00	39.85 0.04 0.00	44.94 0.44 0.00	49.81 0.40 0.00	51.96 0.82 0.00	54.17 1.58 0.00	70.20 1.24 0.00	79.19 1.17 0.00	88.28 1.39 0.00	82.86 1.22 0.00	87.38 1.88 0.00	55.84 2.10 0.00	49.63 0.49 0.00	43.72 0.35 0.00	39.77 0.43 0.00
STEEL___WIND 323596	33.66 0.63 0.00	30.14 0.96 0.00	28.01 0.47 0.00	26.65 0.42 0.00	25.45 -0.28 0.00	27.07 0.76 0.00	30.08 0.70 0.00	31.56 -0.13 0.00	35.10 -0.50 0.00	37.71 -0.42 0.00	39.73 -0.08 0.00	44.67 0.18 0.00	49.71 0.30 0.00	51.91 0.77 0.00	54.33 1.73 0.00	69.92 0.96 0.00	78.88 0.86 0.00	87.24 0.35 0.00	81.96 0.33 0.00	87.12 1.62 0.00	56.05 2.31 0.00	49.09 -0.05 0.00	43.54 0.17 0.00	39.89 0.55 0.00
STEPHTWN_115KV_BK_2 55603	34.48 1.45 0.00	30.34 1.17 0.00	28.72 1.18 0.00	27.30 1.08 0.00	26.78 1.05 0.00	27.47 1.16 0.00	30.70 1.32 0.00	33.17 1.49 0.00	37.34 1.64 -0.10	39.73 1.60 0.00	41.60 1.79 0.00	46.23 1.74 0.00	51.34 1.93 0.00	52.88 1.74 0.00	54.28 1.68 0.00	71.23 2.28 0.00	80.52 2.50 0.00	89.76 2.87 0.00	84.41 2.78 0.00	88.06 2.56 0.00	55.30 1.56 0.00	51.11 1.97 0.00	45.02 1.65 0.00	40.80 1.46 0.00
STEUBEN_REC_LFGE 323667	34.12 1.09 0.00	30.67 1.49 0.00	28.58 1.05 0.00	27.12 0.89 0.00	26.22 0.49 0.00	27.39 1.08 0.00	30.61 1.23 0.00	32.45 0.76 0.00	36.12 0.53 0.01	38.81 0.69 0.00	40.84 1.04 0.00	46.14 1.65 0.00	51.19 1.78 0.00	53.54 2.40 0.00	55.70 3.10 -0.33	72.66 3.38 -0.30	81.98 3.67 -0.30	91.60 4.00 -0.71	86.13 3.92 -0.59	91.41 4.87 -1.03	57.72 3.98 0.00	51.16 2.01 0.00	44.93 1.56 0.00	40.99 1.65 0.00

STONY___BROOK 24151	39.69 3.43 -3.23	39.10 2.89 -7.04	34.58 2.84 -4.20	28.95 2.70 -0.02	28.94 2.70 -0.51	29.75 2.76 -0.67	32.20 2.82 0.00	35.17 3.49 0.00	39.94 4.06 -0.29	42.53 4.27 -0.13	52.49 3.98 -8.71	57.31 4.36 -8.46	62.11 4.74 -7.95	71.95 4.65 -16.16	98.43 4.21 -41.62	204.12 5.66 -129.51	223.57 6.01 -139.54	285.44 7.38 -191.16	249.99 6.37 -161.99	94.39 5.48 -3.42	66.89 3.17 -9.98	60.43 4.23 -7.06	51.68 3.86 -4.45	46.65 3.46 -3.85
STURGEON_POOL_HYD 23609	34.58 1.55 0.00	30.40 1.23 0.00	28.80 1.27 0.00	27.46 1.23 0.00	26.96 1.23 0.00	27.57 1.26 0.00	30.70 1.32 0.00	33.24 1.55 0.00	37.40 1.74 -0.05	40.00 1.87 0.00	41.64 1.83 0.00	46.50 2.00 0.00	51.68 2.27 0.00	53.39 2.25 0.00	54.33 1.74 0.00	72.06 3.10 0.00	81.53 3.51 0.00	90.54 3.65 0.00	84.98 3.35 0.00	88.49 2.99 0.00	54.82 1.07 0.00	50.67 1.52 0.00	44.80 1.43 0.00	40.56 1.22 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.52 1.49 0.00	30.37 1.20 0.00	28.75 1.21 0.00	27.41 1.18 0.00	26.89 1.16 0.00	27.52 1.21 0.00	30.67 1.29 0.00	33.21 1.52 0.00	37.06 1.71 0.25	39.88 1.75 0.00	41.60 1.79 0.00	46.41 1.91 0.00	51.58 2.17 0.00	53.34 2.20 0.00	54.44 1.84 0.00	71.99 3.03 0.00	81.37 3.35 0.00	90.46 3.56 0.00	84.81 3.18 0.00	88.32 2.82 0.00	54.92 1.18 0.00	50.71 1.57 0.00	44.76 1.39 0.00	40.52 1.18 0.00
SWANROAD_115KV_TB1 355699	32.34 -0.69 0.00	29.59 0.41 0.00	27.48 -0.06 0.00	25.99 -0.24 0.00	24.90 -0.82 0.00	26.28 -0.03 0.00	29.32 -0.06 0.00	30.51 -1.17 0.00	33.82 -1.78 0.00	36.30 -1.83 0.00	38.02 -1.79 0.00	42.94 -1.56 0.00	47.58 -1.83 0.00	49.65 -1.48 0.00	51.86 -0.74 0.00	66.82 -2.14 0.00	75.13 -2.89 0.00	83.51 -3.39 0.00	78.37 -3.27 0.00	83.36 -2.14 0.00	53.90 0.16 0.00	47.27 -1.87 0.00	41.90 -1.47 0.00	38.40 -0.94 0.00
SYNERGY___BIOGAS 323694	34.19 1.16 0.00	30.58 1.40 0.00	28.39 0.85 0.00	27.01 0.79 0.00	25.78 0.05 0.00	27.31 1.00 0.00	30.35 0.97 0.00	31.91 0.22 0.00	35.38 -0.21 0.00	38.05 -0.08 0.00	40.21 0.40 0.00	45.25 0.76 0.00	50.25 0.84 0.00	52.57 1.43 0.00	55.02 2.42 0.00	70.82 1.86 0.00	79.97 1.95 0.00	88.72 1.83 0.00	83.51 1.88 0.00	88.66 3.17 0.00	56.97 3.22 0.00	49.98 0.83 0.00	44.15 0.78 0.00	40.32 0.98 0.00
SYRACUSE___ENERGY_ST1 323597	32.93 -0.10 0.00	29.18 0.00 0.00	27.46 -0.08 0.00	26.12 -0.10 0.00	25.52 -0.21 0.00	26.21 -0.11 0.00	29.29 -0.09 0.00	31.56 -0.13 0.00	35.42 -0.18 0.00	38.01 -0.11 0.00	39.85 0.04 0.00	44.45 -0.04 0.00	49.31 -0.10 0.00	51.29 0.15 0.00	52.96 0.37 0.00	70.48 0.28 -1.24	79.53 0.39 -1.12	89.95 0.35 -2.71	84.18 0.33 -2.22	89.86 0.43 -3.93	54.22 0.48 0.00	49.29 0.15 0.00	43.59 0.22 0.00	39.50 0.16 0.00
SYRACUSE___ENERGY_ST2 323598	32.93 -0.10 0.00	29.18 0.00 0.00	27.46 -0.08 0.00	26.12 -0.10 0.00	25.52 -0.21 0.00	26.21 -0.11 0.00	29.29 -0.09 0.00	31.56 -0.13 0.00	35.42 -0.18 0.00	38.01 -0.11 0.00	39.85 0.04 0.00	44.45 -0.04 0.00	49.31 -0.10 0.00	51.29 0.15 0.00	52.96 0.37 0.00	70.48 0.28 -1.24	79.53 0.39 -1.12	89.95 0.35 -2.71	84.18 0.33 -2.22	89.86 0.43 -3.93	54.22 0.48 0.00	49.29 0.15 0.00	43.59 0.22 0.00	39.50 0.16 0.00
SYRACUSE___POWER 24017	32.77 -0.26 0.00	29.06 -0.12 0.00	27.32 -0.22 0.00	26.02 -0.21 0.00	25.42 -0.31 0.00	26.13 -0.18 0.00	29.20 -0.18 0.00	31.46 -0.22 0.00	35.35 -0.25 0.00	37.94 -0.19 0.00	39.77 -0.04 0.00	44.50 0.00 0.00	49.46 0.05 0.00	51.39 0.26 0.00	53.02 0.42 0.00	70.25 0.48 -0.81	79.30 0.55 -0.74	89.19 0.52 -1.77	83.58 0.49 -1.46	88.67 0.60 -2.58	54.33 0.59 0.00	49.29 0.15 0.00	43.46 0.09 0.00	39.38 0.04 0.00
TALLMAN___138KV_BK151 55660	34.68 1.65 0.00	30.55 1.37 0.00	28.92 1.38 0.00	27.57 1.34 0.00	27.07 1.34 0.00	27.68 1.37 0.00	30.82 1.44 0.00	33.40 1.71 0.00	37.27 1.92 0.24	40.15 2.02 0.00	41.80 1.99 0.00	46.63 2.14 0.00	51.78 2.37 0.00	53.59 2.45 0.00	54.70 2.10 0.00	72.27 3.31 0.00	81.69 3.67 0.00	90.89 4.00 0.00	85.14 3.51 0.00	88.58 3.08 0.00	54.92 1.18 0.00	50.76 1.62 0.00	44.85 1.47 0.00	40.60 1.26 0.00
TEALLAVE_115KV_TB7 355573	32.63 -0.40 0.00	28.94 -0.23 0.00	27.21 -0.33 0.00	25.94 -0.29 0.00	25.34 -0.39 0.00	26.02 -0.29 0.00	29.09 -0.29 0.00	31.30 -0.38 0.00	35.20 -0.39 0.00	37.78 -0.34 0.00	39.61 -0.20 0.00	44.41 -0.09 0.00	49.31 -0.10 0.00	51.24 0.10 0.00	52.86 0.26 0.00	69.90 0.28 -0.67	78.93 0.31 -0.60	88.60 0.26 -1.45	82.99 0.16 -1.19	87.95 0.34 -2.11	54.12 0.38 0.00	49.09 -0.05 0.00	43.28 -0.09 0.00	39.22 -0.12 0.00
TELGRAPH_34_KV_EAST 80808	33.19 0.17 0.00	30.17 0.99 0.00	28.01 0.47 0.00	26.52 0.29 0.00	25.42 -0.31 0.00	26.73 0.42 0.00	29.91 0.53 0.00	31.37 -0.32 0.00	34.74 -0.85 0.00	37.29 -0.84 0.00	39.17 -0.64 0.00	44.27 -0.22 0.00	49.02 -0.40 0.00	51.24 0.10 0.00	53.49 0.89 0.00	69.10 0.14 0.00	77.78 -0.23 0.00	86.37 -0.52 0.00	81.14 -0.49 0.00	86.10 0.60 0.00	55.51 1.77 0.00	48.75 -0.39 0.00	43.07 -0.30 0.00	39.38 0.04 0.00
TEMPLE___115KV_TB 2 55572	32.67 -0.36 0.00	28.97 -0.20 0.00	27.24 -0.30 0.00	25.94 -0.29 0.00	25.37 -0.36 0.00	26.05 -0.26 0.00	29.09 -0.29 0.00	31.34 -0.35 0.00	35.24 -0.36 0.00	37.82 -0.31 0.00	39.65 -0.16 0.00	44.45 -0.04 0.00	49.36 -0.05 0.00	51.29 0.15 0.00	52.96 0.37 0.00	69.97 0.34 -0.67	79.01 0.39 -0.60	88.69 0.35 -1.45	83.07 0.24 -1.19	88.03 0.43 -2.11	54.17 0.43 0.00	49.14 0.00 0.00	43.28 -0.09 0.00	39.26 -0.08 0.00
TIANA___69_KV_BK 1 55817	40.05 3.80 -3.23	39.37 3.15 -7.04	34.85 3.11 -4.20	29.29 3.04 -0.02	29.23 2.98 -0.51	30.09 3.10 -0.67	32.43 3.06 0.00	35.46 3.77 0.00	40.30 4.41 -0.29	42.87 4.61 -0.13	53.13 4.62 -8.71	58.07 5.12 -8.46	63.36 5.73 -8.22	69.65 5.73 -12.78	90.89 5.47 -32.82	177.31 6.90 -101.46	195.14 7.80 -109.32	245.00 8.34 -149.76	216.05 7.51 -126.91	95.27 7.10 -2.67	66.70 4.19 -8.76	59.93 4.91 -5.88	52.29 4.47 -4.45	47.16 3.97 -3.85
TILDEN___115KV_TB1 80814	32.77 -0.26 0.00	29.06 -0.12 0.00	27.32 -0.22 0.00	26.02 -0.21 0.00	25.42 -0.31 0.00	26.13 -0.18 0.00	29.20 -0.18 0.00	31.46 -0.22 0.00	35.35 -0.25 0.00	37.94 -0.19 0.00	39.77 -0.04 0.00	44.50 0.00 0.00	49.46 0.05 0.00	51.39 0.26 0.00	53.02 0.42 0.00	70.25 0.48 -0.81	79.30 0.55 -0.74	89.19 0.52 -1.77	83.58 0.49 -1.46	88.67 0.60 -2.58	54.33 0.59 0.00	49.29 0.15 0.00	43.46 0.09 0.00	39.38 0.04 0.00
TRIGEN___CC 323695	38.83 2.58 -3.23	38.34 2.13 -7.04	33.83 2.09 -4.20	28.26 2.02 -0.02	28.22 1.98 -0.51	29.06 2.08 -0.67	31.49 2.12 0.00	34.25 2.57 0.00	38.80 2.92 -0.29	41.42 3.16 -0.13	51.54 3.03 -8.71	56.15 3.20 -8.45	59.38 3.56 -6.41	55.29 3.58 -0.58	56.82 3.21 -1.01	73.09 4.14 0.00	82.62 4.60 0.00	92.02 5.13 0.00	85.88 4.24 0.00	89.26 3.76 0.00	55.73 1.99 0.00	52.59 2.75 -0.70	50.47 2.65 -4.45	45.55 2.36 -3.85

TRINITY__115KV__4 BK 55933	34.09 1.06 0.00	30.02 0.85 0.00	28.45 0.91 0.00	27.07 0.84 0.00	26.55 0.82 0.00	27.21 0.89 0.00	30.35 0.97 0.00	32.76 1.08 0.00	36.87 1.17 -0.10	39.23 1.11 0.00	41.00 1.19 0.00	45.56 1.07 0.00	50.65 1.24 0.00	52.26 1.13 0.00	53.60 1.00 0.00	70.34 1.38 0.00	79.42 1.40 0.00	88.55 1.65 0.00	83.18 1.55 0.00	86.87 1.37 0.00	54.49 0.75 0.00	50.42 1.28 0.00	44.46 1.08 0.00	40.32 0.98 0.00
UNION__PROCESSING_DRP 323587	33.26 0.23 0.00	29.79 0.61 0.00	27.79 0.25 0.00	26.36 0.13 0.00	25.44 -0.28 0.00	26.50 0.18 0.00	29.67 0.29 0.00	31.59 -0.10 0.00	35.35 -0.25 0.00	38.01 -0.11 0.00	39.85 0.04 0.00	44.94 0.44 0.00	49.81 0.40 0.00	52.01 0.87 0.00	54.17 1.58 0.00	70.27 1.31 0.00	79.27 1.25 0.00	88.28 1.39 0.00	82.86 1.22 0.00	87.47 1.97 0.00	55.89 2.15 0.00	49.63 0.49 0.00	43.72 0.35 0.00	39.81 0.47 0.00
UPPER HUDSON__HYD 24058	35.08 2.05 0.00	30.90 1.72 0.00	29.25 1.71 0.00	27.75 1.52 0.00	27.22 1.49 0.00	27.86 1.55 0.00	31.17 1.79 0.00	33.78 2.09 0.00	38.18 2.49 -0.10	40.72 2.59 0.00	42.43 2.63 0.00	47.52 3.03 0.00	52.97 3.56 0.00	54.15 3.02 0.00	56.07 3.47 0.00	73.44 4.48 0.00	82.86 4.84 0.00	92.63 5.73 0.00	87.59 5.96 0.00	91.57 6.07 0.00	57.82 4.08 0.00	53.47 4.33 0.00	46.71 3.34 0.00	42.33 2.99 0.00
UPPER RAQUET__HYD 24056	32.63 -0.39 0.00	28.68 -0.50 0.00	27.07 -0.47 0.00	25.81 -0.42 0.00	25.29 -0.44 0.00	25.36 -0.95 0.00	28.29 -1.09 0.00	30.64 -1.04 0.00	34.49 -1.10 0.00	36.91 -1.22 0.00	38.45 -1.35 0.00	43.12 -1.38 0.00	47.53 -1.88 0.00	49.09 -2.05 0.00	50.60 -2.00 0.00	66.85 -2.34 -0.23	75.89 -2.34 -0.21	84.62 -2.78 -0.51	79.60 -2.45 -0.42	83.59 -2.65 -0.74	52.13 -1.61 0.00	47.77 -1.38 0.00	42.50 -0.87 0.00	38.98 -0.35 0.00
VALLEY44_115KV_TB2 355964	33.23 0.20 0.00	29.94 0.76 0.00	27.81 0.28 0.00	26.36 0.13 0.00	25.42 -0.31 0.00	26.71 0.39 0.00	29.97 0.59 0.00	31.65 -0.03 0.00	35.06 -0.53 0.00	37.63 -0.50 0.00	39.41 -0.40 0.00	44.50 0.00 0.00	49.31 -0.10 0.00	51.60 0.46 0.00	53.91 1.31 0.00	69.58 0.62 0.00	78.25 0.23 0.00	87.07 0.17 0.00	81.79 0.16 0.00	86.44 0.94 0.00	55.51 1.77 0.00	48.95 -0.20 0.00	43.28 -0.09 0.00	39.50 0.16 0.00
VALLEY__115KV_TB 1-4 80826	33.03 0.00 0.00	29.18 0.00 0.00	27.54 0.00 0.00	26.23 0.00 0.00	25.70 -0.03 0.00	26.34 0.03 0.00	29.44 0.06 0.00	31.78 0.10 0.00	35.74 0.14 0.00	38.28 0.15 0.00	40.29 0.48 0.00	45.07 0.58 0.00	50.10 0.69 0.00	51.90 0.77 0.00	52.86 0.26 0.00	69.92 0.97 0.00	79.11 1.09 0.00	87.33 0.43 0.00	82.04 0.41 0.00	86.01 0.51 0.00	54.06 0.32 0.00	49.49 0.34 0.00	43.72 0.35 0.00	39.65 0.31 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.75 1.72 0.00	30.67 1.49 0.00	28.94 1.40 0.00	27.62 1.39 0.00	26.96 1.23 0.00	27.71 1.39 0.00	31.08 1.70 0.00	33.59 1.90 0.00	37.72 2.14 0.01	40.45 2.33 0.00	42.28 2.47 0.00	47.30 2.80 0.00	52.47 3.06 0.00	54.56 3.43 0.00	55.96 3.37 0.00	73.81 4.62 -0.23	83.30 5.07 -0.21	93.22 5.82 -0.50	87.43 5.39 -0.41	92.21 5.98 -0.73	57.50 3.76 0.00	52.24 3.10 0.00	46.10 2.73 0.00	41.82 2.48 0.00
VISCHER__FERRY HYD 24020	34.61 1.59 0.00	30.55 1.37 0.00	28.91 1.38 0.00	27.51 1.28 0.00	26.99 1.26 0.00	27.60 1.29 0.00	30.82 1.44 0.00	33.24 1.55 0.00	37.51 1.81 -0.10	39.92 1.79 0.00	41.68 1.87 0.00	46.54 2.05 0.00	51.78 2.37 0.00	53.33 2.20 0.00	54.81 2.21 0.00	71.92 2.96 0.00	81.06 3.04 0.00	90.46 3.56 0.00	84.98 3.35 0.00	88.83 3.33 0.00	55.83 2.09 0.00	51.45 2.31 0.00	45.32 1.95 0.00	41.11 1.77 0.00
V_A_10_SYNC_DSASP 323832	32.67 -0.36 0.00	29.44 0.26 0.00	27.43 -0.11 0.00	25.99 -0.24 0.00	24.98 -0.75 0.00	26.21 -0.11 0.00	29.38 0.00 0.00	30.92 -0.76 0.00	34.49 -1.10 0.00	36.98 -1.14 0.00	38.77 -1.04 0.00	43.74 -0.76 0.00	48.42 -0.99 0.00	50.52 -0.61 0.00	52.70 0.11 0.00	68.06 -0.90 0.00	76.61 -1.40 0.00	85.24 -1.65 0.00	80.00 -1.63 0.00	84.82 -0.68 0.00	54.55 0.81 0.00	48.11 -1.03 0.00	42.59 -0.78 0.00	38.91 -0.43 0.00
V_CMM_10_SYNC_DSASP 323787	32.70 -0.33 0.00	28.80 -0.38 0.00	27.18 -0.36 0.00	25.91 -0.31 0.00	25.52 -0.21 0.00	25.89 -0.42 0.00	28.91 -0.47 0.00	31.24 -0.44 0.00	35.13 -0.46 0.00	37.67 -0.46 0.00	39.21 -0.60 0.00	43.83 -0.67 0.00	48.47 -0.94 0.00	50.06 -1.08 0.00	51.55 -1.05 0.00	67.72 -1.24 0.00	76.77 -1.25 0.00	85.42 -1.48 0.00	80.32 -1.31 0.00	83.96 -1.54 0.00	52.83 -0.91 0.00	48.45 -0.69 0.00	42.89 -0.48 0.00	38.98 -0.35 0.00
V_CMP_10_SYNC_DSASP 323788	33.39 0.36 0.00	29.35 0.18 0.00	27.70 0.17 0.00	26.39 0.16 0.00	26.01 0.28 0.00	26.39 0.08 0.00	29.50 0.12 0.00	31.94 0.25 0.00	35.99 0.39 0.00	38.59 0.46 0.00	40.01 0.20 0.00	44.76 0.27 0.00	48.47 -0.94 0.00	49.76 -1.38 0.00	50.97 -1.63 0.00	66.54 -2.42 0.00	75.83 -2.18 0.00	84.29 -2.60 0.00	79.35 -2.29 0.00	82.94 -2.56 0.00	52.13 -1.61 0.00	48.75 -0.39 0.00	43.93 0.56 0.00	39.81 0.47 0.00
V_E_10_SYNC_DSASP 323830	35.41 2.38 0.00	31.28 2.10 0.00	29.36 1.82 0.00	28.04 1.81 0.00	27.25 1.52 0.00	28.15 1.84 0.00	31.67 2.29 0.00	34.06 2.38 0.00	38.08 2.49 0.01	40.76 2.63 0.00	43.03 3.22 0.00	48.32 3.83 0.00	53.76 4.35 0.00	56.56 5.42 0.00	58.17 5.57 0.00	77.11 7.65 -0.50	87.06 8.58 -0.45	97.81 9.82 -1.09	92.49 9.96 -0.90	98.38 11.29 -1.59	61.37 7.63 0.00	54.89 5.75 0.00	48.10 4.73 0.00	43.55 4.21 0.00
V_F_30_NSYNC__DSASP 323816	35.15 2.12 0.00	30.99 1.81 0.00	29.33 1.79 0.00	27.88 1.65 0.00	27.35 1.62 0.00	27.97 1.66 0.00	31.23 1.85 0.00	33.78 2.09 0.00	38.12 2.42 -0.10	40.64 2.52 0.00	42.48 2.67 0.00	47.52 3.03 0.00	52.92 3.51 0.00	54.41 3.28 0.00	56.12 3.52 0.00	73.58 4.62 0.00	83.02 5.00 0.00	92.72 5.82 0.00	87.26 5.63 0.00	91.23 5.73 0.00	57.45 3.71 0.00	52.88 3.73 0.00	46.41 3.03 0.00	42.09 2.75 0.00
V_F_30_SYNC_DSASP 323786	34.19 1.16 0.00	30.14 0.96 0.00	28.53 0.99 0.00	27.15 0.92 0.00	26.63 0.90 0.00	27.28 0.97 0.00	30.47 1.09 0.00	32.86 1.17 0.00	37.01 1.32 -0.10	39.42 1.30 0.00	41.24 1.43 0.00	45.87 1.38 0.00	50.99 1.58 0.00	52.62 1.48 0.00	53.96 1.37 0.00	70.89 1.93 0.00	80.05 2.03 0.00	89.15 2.26 0.00	83.75 2.12 0.00	87.47 1.97 0.00	54.87 1.13 0.00	50.71 1.57 0.00	44.67 1.30 0.00	40.52 1.18 0.00
V_XM_10_SYNC_DSASP 323789	33.39 0.36 0.00	29.35 0.18 0.00	27.70 0.17 0.00	26.39 0.16 0.00	26.01 0.28 0.00	26.39 0.08 0.00	29.50 0.12 0.00	31.94 0.25 0.00	35.99 0.39 0.00	38.59 0.46 0.00	40.01 0.20 0.00	44.76 0.27 0.00	48.47 -0.94 0.00	49.76 -1.38 0.00	50.97 -1.63 0.00	66.54 -2.42 0.00	75.83 -2.18 0.00	84.29 -2.60 0.00	79.35 -2.29 0.00	82.94 -2.56 0.00	52.13 -1.61 0.00	48.75 -0.39 0.00	43.93 0.56 0.00	39.81 0.47 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.81 1.78 0.00	30.64 1.46 0.00	29.00 1.46 0.00	27.64 1.42 0.00	27.17 1.44 0.00	27.78 1.47 0.00	30.91 1.53 0.00	33.52 1.84 0.00	37.35 1.99 0.24	40.22 2.10 0.00	41.88 2.07 0.00	46.76 2.27 0.00	51.93 2.52 0.00	53.75 2.61 0.00	54.81 2.21 0.00	72.54 3.59 0.00	82.00 3.98 0.00	91.15 4.26 0.00	85.47 3.84 0.00	88.83 3.33 0.00	55.08 1.34 0.00	50.91 1.77 0.00	44.98 1.60 0.00	40.72 1.38 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.18 2.15 0.00	30.96 1.78 0.00	29.27 1.73 0.00	27.88 1.65 0.00	27.37 1.65 0.00	28.05 1.74 0.00	31.23 1.85 0.00	33.97 2.28 0.00	38.39 2.63 -0.16	40.91 2.78 0.00	42.55 2.75 0.00	47.43 2.94 0.00	52.67 3.26 0.00	54.41 3.27 0.00	55.49 2.89 0.00	73.37 4.41 0.00	82.93 4.92 0.00	92.28 5.39 0.00	86.45 4.82 0.00	89.77 4.27 0.00	55.41 1.67 0.00	51.30 2.16 0.00	45.41 2.04 0.00	41.11 1.77 0.00
W50THST__13_KV_LOAD 356117	35.37 2.35 0.00	31.13 1.95 0.00	29.44 1.90 0.00	28.04 1.81 0.00	27.53 1.80 0.00	28.21 1.89 0.00	31.44 2.06 0.00	34.19 2.50 0.00	38.71 2.95 -0.16	41.22 3.09 0.00	42.87 3.07 0.00	47.79 3.29 0.00	53.12 3.71 0.00	54.87 3.73 0.00	55.96 3.37 0.00	73.99 5.03 0.00	83.64 5.62 0.00	92.98 6.08 0.00	87.10 5.47 0.00	90.54 5.04 0.00	55.78 2.04 0.00	51.65 2.51 0.00	45.67 2.30 0.00	41.39 2.05 0.00
WADING RIVER_IC_1 23522	39.36 3.10 -3.23	38.81 2.60 -7.04	34.33 2.59 -4.20	28.82 2.57 -0.02	28.84 2.60 -0.51	29.59 2.61 -0.67	31.88 2.50 0.00	34.85 3.17 0.00	39.59 3.70 -0.29	42.03 3.78 -0.13	52.14 3.62 -8.71	56.96 4.01 -8.46	62.17 4.54 -8.21	68.34 4.45 -12.75	89.50 4.15 -32.75	175.77 5.58 -101.23	192.86 5.77 -109.07	243.35 7.04 -149.42	214.45 6.20 -126.62	93.56 5.39 -2.67	65.38 2.90 -8.74	58.86 3.88 -5.83	51.21 3.39 -4.45	46.26 3.07 -3.85
WADING RIVER_IC_2 23547	39.36 3.10 -3.23	38.81 2.60 -7.04	34.33 2.59 -4.20	28.82 2.57 -0.02	28.84 2.60 -0.51	29.59 2.61 -0.67	31.88 2.50 0.00	34.85 3.17 0.00	39.59 3.70 -0.29	42.03 3.78 -0.13	52.14 3.62 -8.71	56.96 4.01 -8.46	62.17 4.54 -8.21	68.34 4.45 -12.75	89.50 4.15 -32.75	175.77 5.58 -101.23	192.86 5.77 -109.07	243.35 7.04 -149.42	214.45 6.20 -126.62	93.56 5.39 -2.67	65.38 2.90 -8.74	58.86 3.88 -5.83	51.21 3.39 -4.45	46.26 3.07 -3.85
WADING RIVER_IC_3 23601	39.36 3.10 -3.23	38.81 2.60 -7.04	34.33 2.59 -4.20	28.82 2.57 -0.02	28.84 2.60 -0.51	29.59 2.61 -0.67	31.88 2.50 0.00	34.85 3.17 0.00	39.59 3.70 -0.29	42.03 3.78 -0.13	52.14 3.62 -8.71	56.96 4.01 -8.46	62.17 4.54 -8.21	68.34 4.45 -12.75	89.50 4.15 -32.75	175.77 5.58 -101.23	192.86 5.77 -109.07	243.35 7.04 -149.42	214.45 6.20 -126.62	93.56 5.39 -2.67	65.38 2.90 -8.74	58.86 3.88 -5.83	51.21 3.39 -4.45	46.26 3.07 -3.85
WALDENNY_I2_KV_BK2 80841	33.33 0.30 0.00	30.17 0.99 0.00	28.01 0.47 0.00	26.52 0.29 0.00	25.44 -0.28 0.00	26.81 0.50 0.00	30.03 0.65 0.00	31.56 -0.13 0.00	35.10 -0.50 0.00	37.71 -0.42 0.00	39.53 -0.28 0.00	44.72 0.22 0.00	49.61 0.20 0.00	51.85 0.72 0.00	54.12 1.53 0.00	69.92 0.97 0.00	78.64 0.62 0.00	87.24 0.35 0.00	81.88 0.24 0.00	86.95 1.45 0.00	56.00 2.26 0.00	49.09 -0.05 0.00	43.41 0.04 0.00	39.73 0.39 0.00
WALDEN___HYDRO 24148	34.81 1.78 0.00	30.66 1.49 0.00	29.02 1.49 0.00	27.62 1.39 0.00	27.12 1.39 0.00	27.70 1.39 0.00	30.91 1.53 0.00	33.46 1.77 0.00	37.47 1.96 0.09	40.19 2.06 0.00	41.76 1.95 0.00	46.72 2.22 0.00	52.03 2.62 0.00	53.74 2.61 0.00	54.97 2.37 0.00	72.82 3.86 0.00	82.23 4.21 0.00	91.76 4.86 0.00	86.28 4.65 0.00	89.94 4.44 0.00	55.89 2.15 0.00	51.50 2.36 0.00	45.32 1.95 0.00	41.03 1.69 0.00
WARRENSBURG____ 23737	35.08 2.05 0.00	30.90 1.72 0.00	29.25 1.71 0.00	27.75 1.52 0.00	27.22 1.49 0.00	27.86 1.55 0.00	31.17 1.79 0.00	33.78 2.09 0.00	38.18 2.49 -0.10	40.72 2.59 0.00	42.43 2.63 0.00	47.52 3.03 0.00	52.97 3.56 0.00	54.15 3.02 0.00	56.07 3.47 0.00	73.44 4.48 0.00	82.86 4.84 0.00	92.63 5.73 0.00	87.59 5.96 0.00	91.57 6.07 0.00	57.82 4.08 0.00	53.47 4.33 0.00	46.71 3.34 0.00	42.33 2.99 0.00
WATERSIDE___6 8 9 23538	35.27 2.25 0.00	31.04 1.87 0.00	29.35 1.82 0.00	27.91 1.68 0.00	27.42 1.70 0.00	28.10 1.79 0.00	31.17 1.79 0.00	33.90 2.22 0.00	38.42 2.67 -0.16	40.83 2.71 0.00	42.48 2.67 0.00	47.21 2.71 0.00	52.28 2.87 0.00	53.95 2.81 0.00	55.07 2.47 0.00	72.54 3.93 0.34	74.94 4.60 7.68	91.93 5.04 0.01	85.95 4.33 0.01	89.01 3.51 0.00	54.97 1.24 0.01	50.91 1.77 0.00	45.19 1.82 0.00	41.03 1.69 0.00
WATKINRD_115KV_LN8_ILLION 55919	33.06 0.03 0.00	29.21 0.03 0.00	27.57 0.03 0.00	26.25 0.03 0.00	25.73 0.00 0.00	26.34 0.03 0.00	29.44 0.06 0.00	31.78 0.10 0.00	35.70 0.11 0.00	38.24 0.11 0.00	40.09 0.28 0.00	44.85 0.36 0.00	49.81 0.40 0.00	51.60 0.46 0.00	52.75 0.16 0.00	69.58 0.62 0.00	78.72 0.70 0.00	87.24 0.35 0.00	81.96 0.33 0.00	85.93 0.43 0.00	54.01 0.27 0.00	49.39 0.25 0.00	43.59 0.22 0.00	39.54 0.20 0.00
WATSON___69_KV_BK 1 55734	40.05 3.80 -3.23	39.39 3.18 -7.04	34.83 3.08 -4.20	29.18 2.94 -0.02	29.12 2.88 -0.51	30.01 3.03 -0.67	32.46 3.08 0.00	35.42 3.74 0.00	40.23 4.34 -0.29	42.91 4.65 -0.13	53.09 4.58 -8.71	57.95 4.98 -8.47	64.74 5.53 -9.79	63.23 5.42 -6.67	74.60 5.10 -16.91	125.85 6.21 -50.69	139.73 7.10 -54.61	169.62 7.91 -74.82	151.89 6.86 -63.40	93.25 6.41 -1.34	65.98 3.98 -8.26	61.67 4.87 -7.67	52.33 4.51 -4.45	47.12 3.93 -3.85
WDELAWARE___HYD 323627	34.02 0.99 0.00	29.97 0.79 0.00	28.34 0.80 0.00	26.96 0.73 0.00	26.50 0.77 0.00	27.05 0.74 0.00	30.20 0.82 0.00	32.73 1.04 0.00	36.65 1.10 0.05	39.31 1.18 0.00	40.56 0.75 0.00	45.47 0.98 0.00	50.65 1.24 0.00	50.93 -0.20 0.00	51.97 -0.63 0.00	69.10 0.14 0.00	78.96 0.94 0.00	88.11 1.22 0.00	82.86 1.23 0.00	86.27 0.77 0.00	53.58 -0.16 0.00	50.52 1.37 0.00	44.41 1.04 0.00	40.20 0.86 0.00
WEST BABYLON___IC 23714	39.79 3.53 -3.23	39.16 2.95 -7.04	34.61 2.86 -4.20	28.97 2.73 -0.02	28.94 2.70 -0.51	29.80 2.82 -0.67	32.20 2.82 0.00	35.11 3.42 0.00	39.80 3.92 -0.29	42.49 4.23 -0.13	52.69 4.18 -8.71	57.49 4.54 -8.46	62.32 5.04 -7.87	58.14 4.96 -2.04	62.07 4.63 -4.84	86.81 5.65 -12.20	97.56 6.40 -13.15	112.03 7.13 -18.01	103.02 6.12 -15.26	91.46 5.64 -0.32	60.24 3.49 -3.00	56.85 4.37 -3.34	51.90 4.08 -4.45	46.81 3.62 -3.85
WEST CANADA___HYD 24049	33.06 0.03 0.00	29.21 0.03 0.00	27.57 0.03 0.00	26.25 0.03 0.00	25.75 0.03 0.00	26.36 0.05 0.00	29.44 0.06 0.00	31.75 0.06 0.00	35.63 0.04 0.00	38.17 0.04 0.00	39.89 0.08 0.00	44.58 0.09 0.00	49.56 0.15 0.00	51.29 0.15 0.00	52.75 0.16 0.00	69.16 0.21 0.00	78.18 0.16 0.00	87.07 0.17 0.00	81.79 0.16 0.00	85.67 0.17 0.00	53.85 0.11 0.00	49.24 0.10 0.00	43.46 0.09 0.00	39.38 0.04 0.00

WESTERN_NY_WIND 24143	34.15 1.12 0.00	30.55 1.37 0.00	28.36 0.83 0.00	26.99 0.76 0.00	25.75 0.03 0.00	27.29 0.97 0.00	30.35 0.97 0.00	31.88 0.19 0.00	35.35 -0.25 0.00	37.98 -0.15 0.00	40.12 0.32 0.00	45.16 0.67 0.00	50.15 0.74 0.00	52.42 1.28 0.00	54.91 2.31 0.00	70.68 1.72 0.00	79.81 1.80 0.00	88.46 1.57 0.00	83.26 1.63 0.00	88.49 2.99 0.00	56.86 3.12 0.00	49.83 0.69 0.00	44.02 0.65 0.00	40.25 0.91 0.00
WESTOVER___LESR 323668	33.46 0.43 0.00	29.73 0.55 0.00	27.95 0.41 0.00	26.57 0.34 0.00	25.91 0.18 0.00	26.73 0.42 0.00	29.91 0.53 0.00	32.07 0.38 0.00	35.94 0.36 0.01	38.55 0.42 0.00	40.37 0.56 0.00	45.30 0.80 0.00	50.30 0.89 0.00	52.31 1.18 0.00	53.96 1.37 0.00	71.01 1.59 -0.47	80.16 1.72 -0.42	89.74 1.82 -1.02	84.26 1.80 -0.84	89.20 2.22 -1.48	55.41 1.67 0.00	50.08 0.93 0.00	44.15 0.78 0.00	40.09 0.75 0.00
WETHRSFD_WT_PWR 323626	33.59 0.56 0.00	30.02 0.85 0.00	27.95 0.41 0.00	26.60 0.37 0.00	25.50 -0.23 0.00	26.97 0.66 0.00	30.02 0.65 0.00	31.59 -0.09 0.00	35.13 -0.46 0.00	37.75 -0.38 0.00	39.69 -0.12 0.00	44.58 0.09 0.00	49.61 0.20 0.00	51.75 0.62 0.00	54.12 1.53 0.00	69.79 0.83 0.00	78.72 0.70 0.00	87.33 0.44 0.00	82.12 0.49 0.00	87.12 1.62 0.00	55.89 2.15 0.00	49.19 0.05 0.00	43.63 0.26 0.00	39.85 0.51 0.00
WHAVSTOR_138KV_BK127 55557	34.65 1.62 0.00	30.49 1.31 0.00	28.89 1.35 0.00	27.54 1.31 0.00	27.07 1.34 0.00	27.68 1.37 0.00	30.79 1.41 0.00	33.36 1.68 0.00	37.21 1.85 0.24	40.07 1.94 0.00	41.72 1.91 0.00	46.50 2.00 0.00	51.68 2.27 0.00	53.44 2.30 0.00	54.54 1.95 0.00	72.06 3.10 0.00	81.45 3.43 0.00	90.63 3.74 0.00	84.90 3.27 0.00	88.32 2.82 0.00	54.76 1.02 0.00	50.62 1.47 0.00	44.76 1.39 0.00	40.52 1.18 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.65 1.62 0.00	30.49 1.31 0.00	28.89 1.35 0.00	27.54 1.31 0.00	27.07 1.34 0.00	27.68 1.37 0.00	30.79 1.41 0.00	33.36 1.68 0.00	37.21 1.85 0.24	40.07 1.94 0.00	41.72 1.91 0.00	46.50 2.00 0.00	51.68 2.27 0.00	53.44 2.30 0.00	54.54 1.95 0.00	72.06 3.10 0.00	81.45 3.43 0.00	90.63 3.74 0.00	84.90 3.27 0.00	88.32 2.82 0.00	54.76 1.02 0.00	50.62 1.47 0.00	44.76 1.39 0.00	40.52 1.18 0.00
WHITEHAL_115KV_TB1 80871	36.07 3.04 0.00	31.69 2.51 0.00	29.99 2.45 0.00	28.46 2.23 0.00	27.89 2.16 0.00	28.57 2.26 0.00	31.99 2.61 0.00	34.76 3.07 0.00	39.32 3.63 -0.10	41.94 3.81 0.00	43.79 3.98 0.00	49.12 4.63 0.00	54.75 5.34 0.00	56.05 4.91 0.00	58.28 5.68 0.00	76.27 7.31 0.00	86.44 8.43 0.00	96.71 9.82 0.00	91.51 9.88 0.00	95.59 10.09 0.00	60.51 6.77 0.00	55.73 6.59 0.00	48.53 5.16 0.00	43.94 4.60 0.00
WHITEPLN_13_KV_LOAD 356215	35.18 2.15 0.00	30.96 1.78 0.00	29.30 1.76 0.00	27.93 1.70 0.00	27.43 1.70 0.00	28.07 1.76 0.00	31.29 1.91 0.00	33.97 2.28 0.00	38.38 2.63 -0.15	40.95 2.82 0.00	42.91 3.11 0.00	47.88 3.38 0.00	53.31 3.90 0.00	55.07 3.94 0.00	55.75 3.16 0.00	74.47 5.52 0.00	84.26 6.24 0.00	92.80 5.91 0.00	86.94 5.31 0.00	90.46 4.96 0.00	55.89 2.15 0.00	51.65 2.51 0.00	45.63 2.26 0.00	41.27 1.93 0.00
WM_FLOYD_69_KV_BK2 356380	39.63 3.37 -3.23	39.02 2.80 -7.04	34.52 2.78 -4.20	28.95 2.70 -0.02	28.92 2.68 -0.51	29.75 2.76 -0.67	32.11 2.73 0.00	35.08 3.39 0.00	39.80 3.92 -0.29	42.30 4.04 -0.13	52.49 3.98 -8.71	57.22 4.27 -8.46	62.40 4.74 -8.25	68.74 4.65 -12.95	90.22 4.37 -33.26	177.24 5.45 -102.84	194.99 6.16 -110.81	245.47 6.78 -151.80	216.14 5.88 -128.63	93.68 5.47 -2.71	65.85 3.22 -8.89	59.35 4.13 -6.08	51.64 3.82 -4.45	46.61 3.42 -3.85
WOODARD___115KV_TB2 355635	32.63 -0.40 0.00	28.92 -0.26 0.00	27.21 -0.33 0.00	25.91 -0.31 0.00	25.32 -0.41 0.00	26.00 -0.32 0.00	29.06 -0.32 0.00	31.30 -0.38 0.00	35.13 -0.46 0.00	37.71 -0.42 0.00	39.53 -0.28 0.00	44.27 -0.22 0.00	49.21 -0.20 0.00	51.14 0.00 0.00	52.70 0.11 0.00	69.86 0.07 -0.83	78.85 0.08 -0.75	88.71 0.00 -1.81	83.12 0.00 -1.49	88.22 0.09 -2.63	53.96 0.21 0.00	48.99 -0.15 0.00	43.20 -0.17 0.00	39.14 -0.20 0.00
YORK___WARBASSE 23770	35.51 2.48 -0.01	31.26 2.07 -0.01	29.53 1.98 -0.01	28.10 1.86 -0.01	27.61 1.88 -0.01	28.26 1.95 0.00	31.26 1.88 0.00	34.03 2.34 0.00	38.64 2.88 -0.16	41.06 2.94 0.00	42.63 2.83 0.00	47.39 2.89 0.00	52.52 3.11 0.00	54.21 3.07 0.00	55.38 2.79 0.00	75.78 4.41 -2.41	137.00 5.23 -53.75	92.69 5.74 -0.06	86.67 4.98 -0.06	89.60 4.10 0.00	55.24 1.50 0.01	51.16 2.01 0.00	45.32 1.95 0.00	41.15 1.81 0.00