

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/10/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	39.02	40.33	38.86	40.78	35.53	36.68	47.22	103.30	100.69	82.29	126.72	128.91	99.98	93.08	93.26	72.32	63.23	66.21	68.43	72.51	69.99	61.63	56.33	54.26
24138	1.45	1.45	1.38	1.39	1.32	1.55	2.26	5.16	4.15	3.27	5.21	5.32	4.19	3.65	3.75	3.04	2.95	3.04	3.03	3.22	3.04	2.84	2.53	2.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	39.12	40.41	38.94	40.87	35.61	36.73	47.28	103.41	100.86	82.41	126.95	129.13	100.13	93.20	93.44	72.48	63.33	66.31	68.54	72.67	70.19	61.77	56.47	54.36
24260	1.54	1.53	1.47	1.48	1.39	1.60	2.31	5.28	4.32	3.39	5.44	5.55	4.33	3.78	3.93	3.19	3.05	3.13	3.14	3.37	3.25	2.98	2.67	2.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	39.12	40.41	38.94	40.87	35.61	36.73	47.28	103.41	100.86	82.41	126.95	129.13	100.13	93.20	93.44	72.48	63.33	66.31	68.54	72.67	70.19	61.77	56.47	54.36
24261	1.54	1.53	1.47	1.48	1.39	1.60	2.31	5.28	4.32	3.39	5.44	5.55	4.33	3.78	3.93	3.19	3.05	3.13	3.14	3.37	3.25	2.98	2.67	2.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	39.72	41.02	39.50	41.39	35.91	36.74	47.24	102.50	100.57	82.10	126.53	129.33	100.02	93.58	93.95	72.57	62.65	65.71	67.80	71.69	69.11	60.93	55.94	53.64
24011	2.14	2.14	2.02	2.00	1.69	1.62	2.27	4.36	4.03	3.08	5.03	5.75	4.23	4.16	4.44	3.28	2.37	2.54	2.40	2.39	2.17	2.13	2.13	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	40.03	41.30	39.74	41.64	36.14	37.03	47.71	103.26	101.28	82.63	127.41	130.42	100.70	94.46	94.89	73.33	63.10	66.23	68.30	72.18	69.49	61.33	56.42	54.03
23798	2.46	2.42	2.26	2.24	1.93	1.90	2.74	5.12	4.74	3.61	5.90	6.83	4.91	5.04	5.37	4.04	2.82	3.05	2.89	2.88	2.55	2.54	2.61	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	39.72	41.02	39.50	41.39	35.91	36.74	47.24	102.50	100.57	82.10	126.53	129.33	100.02	93.58	93.95	72.57	62.65	65.71	67.80	71.69	69.11	60.93	55.94	53.64
24028	2.14	2.14	2.02	2.00	1.69	1.62	2.27	4.36	4.03	3.08	5.03	5.75	4.23	4.16	4.44	3.28	2.37	2.54	2.40	2.39	2.17	2.13	2.13	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	38.49	39.79	38.32	40.20	35.00	35.87	45.98	99.82	97.93	79.89	123.09	125.56	97.18	90.95	91.24	70.17	60.48	63.24	65.30	69.08	66.83	58.80	53.98	51.93
23527	0.92	0.91	0.85	0.80	0.78	0.74	1.02	1.68	1.39	0.86	1.59	1.98	1.39	1.53	1.74	0.88	0.20	0.07	-0.10	-0.22	-0.12	0.01	0.18	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.68	38.99	37.59	39.48	34.41	35.28	45.11	98.16	96.29	78.65	121.00	123.19	95.60	89.32	89.61	69.26	60.13	62.86	64.95	68.79	66.50	58.51	53.54	51.54
24190	0.11	0.11	0.12	0.09	0.19	0.16	0.14	0.02	-0.25	-0.37	-0.52	-0.40	-0.19	-0.11	0.10	-0.03	-0.15	-0.31	-0.45	-0.51	-0.44	-0.29	-0.27	-0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	38.55	39.81	38.37	40.34	34.86	35.82	45.77	99.86	98.64	80.84	124.04	126.06	97.80	91.34	91.22	70.61	61.38	64.35	66.73	70.78	68.37	59.99	54.92	53.02
355683	0.98	0.93	0.90	0.95	0.64	0.69	0.80	1.73	2.10	1.82	2.53	2.48	2.01	1.92	1.72	1.32	1.10	1.18	1.33	1.49	1.42	1.19	1.12	1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	38.11	39.47	38.06	40.00	34.84	35.74	45.70	99.51	97.53	79.67	122.45	124.65	96.77	90.49	90.78	70.20	60.99	63.76	65.93	69.82	67.50	59.37	54.34	52.31
323833	0.54	0.59	0.59	0.61	0.63	0.61	0.74	1.37	0.99	0.65	0.94	1.06	0.98	1.06	1.27	0.91	0.71	0.58	0.53	0.52	0.56	0.58	0.53	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	38.11	39.46	38.05	39.99	34.84	35.74	45.70	99.50	97.53	79.66	122.45	124.65	96.77	90.48	90.78	70.19	60.97	63.76	65.92	69.81	67.48	59.35	54.33	52.30
323834	0.54	0.58	0.58	0.59	0.62	0.61	0.73	1.36	0.99	0.64	0.94	1.06	0.98	1.05	1.27	0.91	0.69	0.58	0.51	0.51	0.54	0.56	0.52	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	37.68	38.99	37.59	39.48	34.41	35.28	45.11	98.16	96.29	78.65	121.00	123.19	95.60	89.32	89.61	69.26	60.13	62.86	64.95	68.79	66.50	58.51	53.54	51.54
23571	0.11	0.11	0.12	0.09	0.19	0.16	0.14	0.02	-0.25	-0.37	-0.52	-0.40	-0.19	-0.11	0.10	-0.03	-0.15	-0.31	-0.45	-0.51	-0.44	-0.29	-0.27	-0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	37.68 0.11 0.00	38.99 0.11 0.00	37.59 0.12 0.00	39.48 0.09 0.00	34.41 0.19 0.00	35.28 0.16 0.00	45.11 0.14 0.00	98.16 0.02 0.00	96.29 -0.25 0.00	78.65 -0.37 0.00	121.00 -0.52 0.00	123.19 -0.40 0.00	95.60 -0.19 0.00	89.32 -0.11 0.00	89.61 0.10 0.00	69.26 -0.03 0.00	60.13 -0.15 0.00	62.86 -0.31 0.00	64.95 -0.45 0.00	68.79 -0.51 0.00	66.50 -0.44 0.00	58.51 -0.29 0.00	53.54 -0.27 0.00	51.54 -0.30 0.00
ALBANY___3 23573	37.68 0.11 0.00	38.99 0.11 0.00	37.59 0.12 0.00	39.48 0.09 0.00	34.41 0.19 0.00	35.28 0.16 0.00	45.11 0.14 0.00	98.16 0.02 0.00	96.29 -0.25 0.00	78.65 -0.37 0.00	121.00 -0.52 0.00	123.19 -0.40 0.00	95.60 -0.19 0.00	89.32 -0.11 0.00	89.61 0.10 0.00	69.26 -0.03 0.00	60.13 -0.15 0.00	62.86 -0.31 0.00	64.95 -0.45 0.00	68.79 -0.51 0.00	66.50 -0.44 0.00	58.51 -0.29 0.00	53.54 -0.27 0.00	51.54 -0.30 0.00
ALBANY___4 23574	37.68 0.11 0.00	38.99 0.11 0.00	37.59 0.12 0.00	39.48 0.09 0.00	34.41 0.19 0.00	35.28 0.16 0.00	45.11 0.14 0.00	98.16 0.02 0.00	96.29 -0.25 0.00	78.65 -0.37 0.00	121.00 -0.52 0.00	123.19 -0.40 0.00	95.60 -0.19 0.00	89.32 -0.11 0.00	89.61 0.10 0.00	69.26 -0.03 0.00	60.13 -0.15 0.00	62.86 -0.31 0.00	64.95 -0.45 0.00	68.79 -0.51 0.00	66.50 -0.44 0.00	58.51 -0.29 0.00	53.54 -0.27 0.00	51.54 -0.30 0.00
ALBANY___LFGE 323615	37.98 0.41 0.00	39.30 0.42 0.00	37.89 0.42 0.00	39.79 0.39 0.00	34.67 0.46 0.00	35.58 0.45 0.00	45.51 0.54 0.00	99.06 0.92 0.00	97.18 0.65 0.00	79.38 0.36 0.00	122.20 0.69 0.00	124.40 0.82 0.00	96.53 0.75 0.00	90.21 0.78 0.00	90.53 1.02 0.00	69.95 0.66 0.00	60.72 0.44 0.00	63.50 0.33 0.00	65.62 0.21 0.00	69.47 0.18 0.00	67.13 0.18 0.00	59.04 0.25 0.00	54.02 0.21 0.00	51.98 0.15 0.00
ALCOA_PA_115KV_PL-6C 55860	38.89 1.32 0.00	40.17 1.29 0.00	38.72 1.25 0.00	40.70 1.31 0.00	35.16 0.95 0.00	36.13 1.01 0.00	46.19 1.23 0.00	100.86 2.72 0.00	99.78 3.24 0.00	81.91 2.89 0.00	125.32 3.81 0.00	127.50 3.92 0.00	98.72 2.93 0.00	92.18 2.76 0.00	92.04 2.53 0.00	71.16 1.87 0.00	61.83 1.55 0.00	64.82 1.65 0.00	67.23 1.83 0.00	71.34 2.04 0.00	69.07 2.13 0.00	60.56 1.77 0.00	55.42 1.61 0.00	53.50 1.66 0.00
ALCOA_RYNLDS___DRP 24188	38.89 1.32 0.00	40.17 1.29 0.00	38.72 1.25 0.00	40.70 1.31 0.00	35.16 0.95 0.00	36.13 1.01 0.00	46.19 1.23 0.00	100.86 2.72 0.00	99.78 3.24 0.00	81.91 2.89 0.00	125.32 3.81 0.00	127.50 3.92 0.00	98.72 2.93 0.00	92.18 2.76 0.00	92.04 2.53 0.00	71.16 1.87 0.00	61.83 1.55 0.00	64.82 1.65 0.00	67.23 1.83 0.00	71.34 2.04 0.00	69.07 2.13 0.00	60.56 1.77 0.00	55.42 1.61 0.00	53.50 1.66 0.00
ALCOA___DSASP 323711	38.89 1.32 0.00	40.17 1.29 0.00	38.72 1.25 0.00	40.70 1.31 0.00	35.16 0.95 0.00	36.13 1.01 0.00	46.19 1.23 0.00	100.86 2.72 0.00	99.78 3.24 0.00	81.91 2.89 0.00	125.32 3.81 0.00	127.50 3.92 0.00	98.72 2.93 0.00	92.18 2.76 0.00	92.04 2.53 0.00	71.16 1.87 0.00	61.83 1.55 0.00	64.82 1.65 0.00	67.23 1.83 0.00	71.34 2.04 0.00	69.07 2.13 0.00	60.56 1.77 0.00	55.42 1.61 0.00	53.50 1.66 0.00
ALLEGHENY___COGEN 23514	38.74 1.17 0.00	40.06 1.18 0.00	38.61 1.13 0.00	40.62 1.23 0.00	35.30 1.09 0.00	36.42 1.30 0.00	46.52 1.56 0.00	102.18 4.04 0.00	101.08 4.54 0.00	82.88 3.86 0.00	127.82 6.31 0.00	128.74 5.16 0.00	99.15 3.36 0.00	91.33 1.90 0.00	89.34 -0.17 0.00	68.80 -0.48 0.00	60.04 -0.24 0.00	64.00 0.83 0.00	66.60 1.19 0.00	70.18 0.88 0.00	67.55 0.61 0.00	60.96 2.17 0.00	56.16 2.36 0.00	54.47 2.63 0.00
ALTAMONT_115KV_TB 2 55880	37.85 0.28 0.00	39.19 0.31 0.00	37.79 0.31 0.00	39.72 0.32 0.00	34.58 0.36 0.00	35.47 0.34 0.00	45.41 0.44 0.00	98.95 0.81 0.00	97.02 0.48 0.00	79.27 0.25 0.00	121.97 0.46 0.00	124.06 0.48 0.00	96.28 0.49 0.00	89.87 0.45 0.00	90.17 0.65 0.00	69.73 0.45 0.00	60.62 0.34 0.00	63.37 0.19 0.00	65.53 0.13 0.00	69.45 0.16 0.00	67.16 0.21 0.00	59.08 0.29 0.00	54.07 0.27 0.00	52.05 0.21 0.00
ALTONA_WT_PWR 323606	38.47 0.90 0.00	39.73 0.85 0.00	38.28 0.80 0.00	40.21 0.81 0.00	34.74 0.53 0.00	35.64 0.52 0.00	45.29 0.33 0.00	98.87 0.73 0.00	97.86 1.32 0.00	80.31 1.30 0.00	122.06 0.55 0.00	124.22 0.63 0.00	96.19 0.39 0.00	89.80 0.38 0.00	89.67 0.16 0.00	69.39 0.10 0.00	60.36 0.08 0.00	63.28 0.11 0.00	65.61 0.20 0.00	69.60 0.30 0.00	67.26 0.31 0.00	58.97 0.18 0.00	54.17 0.36 0.00	52.50 0.66 0.00
AMERICAN_REF_FUEL 24010	36.56 -1.01 0.00	37.82 -1.06 0.00	36.46 -1.01 0.00	38.44 -0.95 0.00	33.28 -0.93 0.00	33.99 -1.14 0.00	42.46 -2.51 0.00	92.20 -5.94 0.00	91.52 -5.02 0.00	75.51 -3.51 0.00	116.73 -4.79 0.00	117.87 -5.71 0.00	91.13 -4.66 0.00	84.17 -5.26 0.00	83.82 -5.69 0.00	65.01 -4.27 0.00	56.23 -4.05 0.00	59.81 -3.36 0.00	62.28 -3.12 0.00	65.61 -3.68 0.00	63.48 -3.46 0.00	56.26 -2.54 0.00	52.07 -1.74 0.00	51.06 -0.78 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.37 -0.20 0.00	38.66 -0.22 0.00	37.34 -0.13 0.00	39.31 -0.08 0.00	34.03 -0.18 0.00	35.08 -0.05 0.00	44.46 -0.51 0.00	97.26 -0.88 0.00	96.13 -0.41 0.00	78.76 -0.26 0.00	122.51 1.00 0.00	123.45 -0.13 0.00	95.29 -0.50 0.00	88.22 -1.20 0.00	87.73 -1.78 0.00	68.11 -1.18 0.00	58.93 -1.36 0.00	62.73 -0.45 0.00	65.42 0.01 0.00	68.82 -0.48 0.00	66.04 -0.90 0.00	58.14 -0.66 0.00	53.33 -0.47 0.00	51.87 0.04 0.00
ARTHUR KILL_GT_1 23520	38.92 1.35 0.00	40.19 1.31 0.00	38.74 1.27 0.00	40.65 1.26 0.00	35.41 1.19 0.00	36.50 1.38 0.00	46.98 2.01 0.00	102.20 4.05 0.00	99.64 3.10 0.00	81.27 2.25 0.00	125.11 3.60 0.00	127.49 3.90 0.00	99.15 3.36 0.00	92.32 2.90 0.00	92.64 3.13 0.00	72.07 2.78 0.00	62.92 2.64 0.00	65.92 2.75 0.00	68.18 2.78 0.00	72.24 2.94 0.00	69.90 2.96 0.00	61.54 2.74 0.00	56.31 2.50 0.00	54.40 2.56 0.00
ARTHUR_KILL_2 23512	38.82 1.25 0.00	40.10 1.21 0.00	38.65 1.17 0.00	40.55 1.16 0.00	35.31 1.10 0.00	36.42 1.29 0.00	46.85 1.89 0.00	101.90 3.76 0.00	99.36 2.82 0.00	81.03 2.02 0.00	124.76 3.25 0.00	127.11 3.53 0.00	98.86 3.07 0.00	92.08 2.66 0.00	92.37 2.86 0.00	71.86 2.57 0.00	62.74 2.46 0.00	65.71 2.54 0.00	67.98 2.57 0.00	72.03 2.73 0.00	69.68 2.74 0.00	61.34 2.55 0.00	56.14 2.34 0.00	54.24 2.41 0.00
ARTHUR_KILL_3 23513	38.73 1.16 0.00	40.02 1.14 0.00	38.57 1.10 0.00	40.46 1.07 0.00	35.26 1.04 0.00	36.39 1.26 0.00	46.82 1.85 0.00	102.40 4.26 0.00	99.75 3.21 0.00	81.42 2.40 0.00	125.41 3.90 0.00	127.54 3.96 0.00	98.85 3.05 0.00	92.04 2.62 0.00	92.26 2.75 0.00	71.55 2.27 0.00	62.60 2.32 0.00	65.54 2.37 0.00	67.77 2.37 0.00	71.84 2.54 0.00	69.40 2.46 0.00	61.10 2.30 0.00	55.84 2.04 0.00	53.77 1.94 0.00

ARTHUR_KILL_COGEN 323718	38.91 1.35 0.00	40.19 1.32 0.00	38.74 1.27 0.00	40.65 1.26 0.00	35.40 1.19 0.00	36.50 1.38 0.00	46.98 2.01 0.00	102.19 4.05 0.00	99.64 3.10 0.00	81.27 2.25 0.00	125.09 3.59 0.00	127.49 3.90 0.00	99.15 3.36 0.00	92.34 2.92 0.00	92.64 3.13 0.00	72.07 2.78 0.00	62.92 2.64 0.00	65.92 2.75 0.00	68.18 2.78 0.00	72.24 2.95 0.00	69.90 2.96 0.00	61.54 2.75 0.00	56.31 2.50 0.00	54.39 2.56 0.00
ASHOKAN____ 23654	38.24 0.67 0.00	39.55 0.67 0.00	38.12 0.64 0.00	40.06 0.66 0.00	34.96 0.74 0.00	35.93 0.80 0.00	46.17 1.20 0.00	101.04 2.90 0.00	99.11 2.58 0.00	80.88 1.86 0.00	124.53 3.02 0.00	126.69 3.11 0.00	98.43 2.64 0.00	92.12 2.69 0.00	92.40 2.89 0.00	71.60 2.32 0.00	62.52 2.24 0.00	65.44 2.27 0.00	67.67 2.27 0.00	71.64 2.35 0.00	69.20 2.26 0.00	60.77 1.98 0.00	55.45 1.65 0.00	53.23 1.40 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.68 1.11 0.01	39.96 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.41 1.28 0.00	46.81 1.85 0.00	102.38 4.24 0.00	99.87 3.33 0.00	81.51 2.49 0.00	125.72 4.21 0.00	127.97 4.39 0.00	99.07 3.28 0.00	92.21 2.79 0.00	92.58 3.07 0.00	71.95 2.66 0.00	62.73 2.45 0.00	65.62 2.44 0.00	67.88 2.47 0.00	71.94 2.65 0.00	69.48 2.54 0.00	61.13 2.34 0.00	55.95 2.14 0.00	53.83 1.99 0.00
ASTORIA_EAST_ENERGY_CC2 323582	38.67 1.10 0.01	39.95 1.08 0.01	38.50 1.03 0.01	40.40 1.02 0.01	35.20 0.99 0.00	36.40 1.28 0.00	46.77 1.80 0.00	102.32 4.18 0.00	99.83 3.29 0.00	81.45 2.43 0.00	125.66 4.15 0.00	127.89 4.30 0.00	99.04 3.25 0.00	92.17 2.74 0.00	92.53 3.02 0.00	71.92 2.63 0.00	62.70 2.42 0.00	65.56 2.39 0.00	67.84 2.43 0.00	71.91 2.61 0.00	69.45 2.50 0.00	61.10 2.31 0.00	55.92 2.11 0.00	53.80 1.97 0.00
ASTORIA_GT2_1 24094	38.68 1.11 0.01	39.97 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.41 1.28 0.00	46.81 1.84 0.00	102.38 4.24 0.00	99.87 3.34 0.00	81.52 2.50 0.00	125.72 4.22 0.00	127.96 4.38 0.00	99.07 3.28 0.00	92.19 2.77 0.00	92.58 3.07 0.00	71.95 2.67 0.00	62.73 2.44 0.00	65.62 2.45 0.00	67.87 2.46 0.00	71.94 2.64 0.00	69.48 2.54 0.00	61.13 2.33 0.00	55.94 2.14 0.00	53.83 1.99 0.00
ASTORIA_GT2_2 24095	38.68 1.11 0.01	39.97 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.41 1.28 0.00	46.81 1.84 0.00	102.38 4.24 0.00	99.87 3.34 0.00	81.52 2.50 0.00	125.72 4.22 0.00	127.96 4.38 0.00	99.07 3.28 0.00	92.19 2.77 0.00	92.58 3.07 0.00	71.95 2.67 0.00	62.73 2.44 0.00	65.62 2.45 0.00	67.87 2.46 0.00	71.94 2.64 0.00	69.48 2.54 0.00	61.13 2.33 0.00	55.94 2.14 0.00	53.83 1.99 0.00
ASTORIA_GT2_3 24096	38.68 1.11 0.01	39.97 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.41 1.28 0.00	46.81 1.84 0.00	102.38 4.24 0.00	99.87 3.34 0.00	81.52 2.50 0.00	125.72 4.22 0.00	127.96 4.38 0.00	99.07 3.28 0.00	92.19 2.77 0.00	92.58 3.07 0.00	71.95 2.67 0.00	62.73 2.44 0.00	65.62 2.45 0.00	67.87 2.46 0.00	71.94 2.64 0.00	69.48 2.54 0.00	61.13 2.33 0.00	55.94 2.14 0.00	53.83 1.99 0.00
ASTORIA_GT2_4 24097	38.68 1.11 0.01	39.97 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.41 1.28 0.00	46.81 1.84 0.00	102.38 4.24 0.00	99.87 3.34 0.00	81.52 2.50 0.00	125.72 4.22 0.00	127.96 4.38 0.00	99.07 3.28 0.00	92.19 2.77 0.00	92.58 3.07 0.00	71.95 2.67 0.00	62.73 2.44 0.00	65.62 2.45 0.00	67.87 2.46 0.00	71.94 2.64 0.00	69.48 2.54 0.00	61.13 2.33 0.00	55.94 2.14 0.00	53.83 1.99 0.00
ASTORIA_GT3_1 24098	38.68 1.11 0.01	39.97 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.41 1.28 0.00	46.81 1.84 0.00	102.38 4.24 0.00	99.87 3.34 0.00	81.52 2.50 0.00	125.72 4.22 0.00	127.96 4.38 0.00	99.07 3.28 0.00	92.19 2.77 0.00	92.58 3.07 0.00	71.95 2.67 0.00	62.73 2.44 0.00	65.62 2.45 0.00	67.87 2.46 0.00	71.94 2.64 0.00	69.48 2.54 0.00	61.13 2.33 0.00	55.94 2.14 0.00	53.83 1.99 0.00
ASTORIA_GT3_2 24099	38.68 1.11 0.01	39.97 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.41 1.28 0.00	46.81 1.84 0.00	102.38 4.24 0.00	99.87 3.34 0.00	81.52 2.50 0.00	125.72 4.22 0.00	127.96 4.38 0.00	99.07 3.28 0.00	92.19 2.77 0.00	92.58 3.07 0.00	71.95 2.67 0.00	62.73 2.44 0.00	65.62 2.45 0.00	67.87 2.46 0.00	71.94 2.64 0.00	69.48 2.54 0.00	61.13 2.33 0.00	55.94 2.14 0.00	53.83 1.99 0.00
ASTORIA_GT3_3 24100	38.68 1.11 0.01	39.97 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.41 1.28 0.00	46.81 1.84 0.00	102.38 4.24 0.00	99.87 3.34 0.00	81.52 2.50 0.00	125.72 4.22 0.00	127.96 4.38 0.00	99.07 3.28 0.00	92.19 2.77 0.00	92.58 3.07 0.00	71.95 2.67 0.00	62.73 2.44 0.00	65.62 2.45 0.00	67.87 2.46 0.00	71.94 2.64 0.00	69.48 2.54 0.00	61.13 2.33 0.00	55.94 2.14 0.00	53.83 1.99 0.00
ASTORIA_GT3_4 24101	38.68 1.11 0.01	39.97 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.41 1.28 0.00	46.81 1.84 0.00	102.38 4.24 0.00	99.87 3.34 0.00	81.52 2.50 0.00	125.72 4.22 0.00	127.96 4.38 0.00	99.07 3.28 0.00	92.19 2.77 0.00	92.58 3.07 0.00	71.95 2.67 0.00	62.73 2.44 0.00	65.62 2.45 0.00	67.87 2.46 0.00	71.94 2.64 0.00	69.48 2.54 0.00	61.13 2.33 0.00	55.94 2.14 0.00	53.83 1.99 0.00
ASTORIA_GT4_1 24102	38.68 1.11 0.01	39.97 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.41 1.28 0.00	46.81 1.84 0.00	102.38 4.24 0.00	99.87 3.34 0.00	81.52 2.50 0.00	125.72 4.22 0.00	127.96 4.38 0.00	99.07 3.28 0.00	92.19 2.77 0.00	92.58 3.07 0.00	71.95 2.67 0.00	62.73 2.44 0.00	65.62 2.45 0.00	67.87 2.46 0.00	71.94 2.64 0.00	69.48 2.54 0.00	61.13 2.33 0.00	55.94 2.14 0.00	53.83 1.99 0.00
ASTORIA_GT4_2 24103	38.68 1.11 0.01	39.97 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.41 1.28 0.00	46.81 1.84 0.00	102.38 4.24 0.00	99.87 3.34 0.00	81.52 2.50 0.00	125.72 4.22 0.00	127.96 4.38 0.00	99.07 3.28 0.00	92.19 2.77 0.00	92.58 3.07 0.00	71.95 2.67 0.00	62.73 2.44 0.00	65.62 2.45 0.00	67.87 2.46 0.00	71.94 2.64 0.00	69.48 2.54 0.00	61.13 2.33 0.00	55.94 2.14 0.00	53.83 1.99 0.00
ASTORIA_GT4_3 24104	38.68 1.11 0.01	39.97 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.41 1.28 0.00	46.81 1.84 0.00	102.38 4.24 0.00	99.87 3.34 0.00	81.52 2.50 0.00	125.72 4.22 0.00	127.96 4.38 0.00	99.07 3.28 0.00	92.19 2.77 0.00	92.58 3.07 0.00	71.95 2.67 0.00	62.73 2.44 0.00	65.62 2.45 0.00	67.87 2.46 0.00	71.94 2.64 0.00	69.48 2.54 0.00	61.13 2.33 0.00	55.94 2.14 0.00	53.83 1.99 0.00

ASTORIA_GT4_4 24105	38.68 1.11 0.01	39.97 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.41 1.28 0.00	46.81 1.84 0.00	102.38 4.24 0.00	99.87 3.34 0.00	81.52 2.50 0.00	125.72 4.22 0.00	127.96 4.38 0.00	99.07 3.28 0.00	92.19 2.77 0.00	92.58 3.07 0.00	71.95 2.67 0.00	62.73 2.44 0.00	65.62 2.45 0.00	67.87 2.46 0.00	71.94 2.64 0.00	69.48 2.54 0.00	61.13 2.33 0.00	55.94 2.14 0.00	53.83 1.99 0.00
ASTORIA_GT_1 23523	38.75 1.18 0.01	40.04 1.16 0.01	38.58 1.11 0.01	40.48 1.10 0.01	35.28 1.07 0.00	36.47 1.35 0.00	46.90 1.93 0.00	102.59 4.45 0.00	100.09 3.55 0.00	81.69 2.67 0.00	125.99 4.48 0.00	128.22 4.64 0.00	99.27 3.48 0.00	92.38 2.96 0.00	92.77 3.26 0.00	72.10 2.82 0.00	62.86 2.58 0.00	65.75 2.58 0.00	68.03 2.62 0.00	72.09 2.80 0.00	69.64 2.69 0.00	61.25 2.46 0.00	56.05 2.25 0.00	53.93 2.10 0.00
ASTORIA_GT_10 24110	38.94 1.37 0.00	40.24 1.36 0.00	38.77 1.30 0.00	40.69 1.30 0.00	35.45 1.24 0.00	36.53 1.41 0.00	46.94 1.97 0.00	102.56 4.42 0.00	100.04 3.50 0.00	81.69 2.67 0.00	125.82 4.32 0.00	128.03 4.45 0.00	99.26 3.47 0.00	92.41 2.98 0.00	92.68 3.17 0.00	71.93 2.64 0.00	62.84 2.55 0.00	65.79 2.61 0.00	68.02 2.61 0.00	72.09 2.80 0.00	69.68 2.74 0.00	61.35 2.56 0.00	56.17 2.36 0.00	54.15 2.31 0.00
ASTORIA_GT_11 24225	38.94 1.37 0.00	40.24 1.36 0.00	38.77 1.30 0.00	40.69 1.30 0.00	35.45 1.24 0.00	36.53 1.41 0.00	46.94 1.97 0.00	102.56 4.42 0.00	100.04 3.50 0.00	81.69 2.67 0.00	125.82 4.32 0.00	128.03 4.45 0.00	99.26 3.47 0.00	92.41 2.98 0.00	92.68 3.17 0.00	71.93 2.64 0.00	62.84 2.55 0.00	65.79 2.61 0.00	68.02 2.61 0.00	72.09 2.80 0.00	69.68 2.74 0.00	61.35 2.56 0.00	56.17 2.36 0.00	54.15 2.31 0.00
ASTORIA_GT_12 24226	38.94 1.37 0.00	40.24 1.36 0.00	38.77 1.30 0.00	40.69 1.30 0.00	35.45 1.24 0.00	36.53 1.41 0.00	46.94 1.97 0.00	102.56 4.42 0.00	100.04 3.50 0.00	81.69 2.67 0.00	125.82 4.32 0.00	128.03 4.45 0.00	99.26 3.47 0.00	92.41 2.98 0.00	92.68 3.17 0.00	71.93 2.64 0.00	62.84 2.55 0.00	65.79 2.61 0.00	68.02 2.61 0.00	72.09 2.80 0.00	69.68 2.74 0.00	61.35 2.56 0.00	56.17 2.36 0.00	54.15 2.31 0.00
ASTORIA_GT_13 24227	38.94 1.37 0.00	40.24 1.36 0.00	38.77 1.30 0.00	40.69 1.30 0.00	35.45 1.24 0.00	36.53 1.41 0.00	46.94 1.97 0.00	102.56 4.42 0.00	100.04 3.50 0.00	81.69 2.67 0.00	125.82 4.32 0.00	128.03 4.45 0.00	99.26 3.47 0.00	92.41 2.98 0.00	92.68 3.17 0.00	71.93 2.64 0.00	62.84 2.55 0.00	65.79 2.61 0.00	68.02 2.61 0.00	72.09 2.80 0.00	69.68 2.74 0.00	61.35 2.56 0.00	56.17 2.36 0.00	54.15 2.31 0.00
ASTORIA_GT_5 24106	38.75 1.18 0.01	40.04 1.16 0.01	38.58 1.11 0.01	40.48 1.10 0.01	35.28 1.07 0.00	36.47 1.35 0.00	46.90 1.93 0.00	102.59 4.45 0.00	100.09 3.55 0.00	81.69 2.67 0.00	125.99 4.48 0.00	128.22 4.64 0.00	99.27 3.48 0.00	92.38 2.96 0.00	92.77 3.26 0.00	72.10 2.82 0.00	62.86 2.58 0.00	65.75 2.58 0.00	68.03 2.62 0.00	72.09 2.80 0.00	69.64 2.69 0.00	61.25 2.46 0.00	56.05 2.25 0.00	53.93 2.10 0.00
ASTORIA_GT_7 24107	38.75 1.18 0.01	40.04 1.16 0.01	38.58 1.11 0.01	40.48 1.10 0.01	35.28 1.07 0.00	36.47 1.35 0.00	46.90 1.93 0.00	102.59 4.45 0.00	100.09 3.55 0.00	81.69 2.67 0.00	125.99 4.48 0.00	128.22 4.64 0.00	99.27 3.48 0.00	92.38 2.96 0.00	92.77 3.26 0.00	72.10 2.82 0.00	62.86 2.58 0.00	65.75 2.58 0.00	68.03 2.62 0.00	72.09 2.80 0.00	69.64 2.69 0.00	61.25 2.46 0.00	56.05 2.25 0.00	53.93 2.10 0.00
ASTORIA_GT_8 24108	38.75 1.18 0.01	40.04 1.16 0.01	38.58 1.11 0.01	40.48 1.10 0.01	35.28 1.07 0.00	36.47 1.35 0.00	46.90 1.93 0.00	102.59 4.45 0.00	100.09 3.55 0.00	81.69 2.67 0.00	125.99 4.48 0.00	128.22 4.64 0.00	99.27 3.48 0.00	92.38 2.96 0.00	92.77 3.26 0.00	72.10 2.82 0.00	62.86 2.58 0.00	65.75 2.58 0.00	68.03 2.62 0.00	72.09 2.80 0.00	69.64 2.69 0.00	61.25 2.46 0.00	56.05 2.25 0.00	53.93 2.10 0.00
ASTORIA___2 24149	38.68 1.11 0.01	39.96 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.41 1.28 0.00	46.81 1.85 0.00	102.38 4.24 0.00	99.87 3.33 0.00	81.51 2.49 0.00	125.72 4.21 0.00	127.97 4.39 0.00	99.07 3.28 0.00	92.21 2.79 0.00	92.58 3.07 0.00	71.95 2.66 0.00	62.73 2.45 0.00	65.62 2.44 0.00	67.88 2.47 0.00	71.94 2.65 0.00	69.48 2.54 0.00	61.13 2.34 0.00	55.95 2.14 0.00	53.83 1.99 0.00
ASTORIA___3 23516	38.94 1.37 0.00	40.24 1.36 0.00	38.77 1.30 0.00	40.69 1.30 0.00	35.45 1.23 0.00	36.54 1.41 0.00	46.94 1.97 0.00	102.56 4.42 0.00	100.03 3.49 0.00	81.70 2.67 0.00	125.81 4.30 0.00	128.04 4.46 0.00	99.26 3.47 0.00	92.41 2.99 0.00	92.68 3.17 0.00	71.93 2.64 0.00	62.84 2.56 0.00	65.78 2.61 0.00	68.02 2.61 0.00	72.09 2.80 0.00	69.68 2.74 0.00	61.35 2.56 0.00	56.17 2.37 0.00	54.15 2.31 0.00
ASTORIA___4 23517	38.94 1.37 0.00	40.24 1.36 0.00	38.77 1.30 0.00	40.69 1.30 0.00	35.45 1.24 0.00	36.53 1.41 0.00	46.94 1.97 0.00	102.56 4.42 0.00	100.04 3.50 0.00	81.69 2.67 0.00	125.82 4.32 0.00	128.03 4.45 0.00	99.26 3.47 0.00	92.41 2.98 0.00	92.68 3.17 0.00	71.93 2.64 0.00	62.84 2.55 0.00	65.79 2.61 0.00	68.02 2.61 0.00	72.09 2.80 0.00	69.68 2.74 0.00	61.35 2.56 0.00	56.17 2.36 0.00	54.15 2.31 0.00
ASTORIA___5 23518	38.94 1.37 0.00	40.24 1.36 0.00	38.77 1.30 0.00	40.69 1.30 0.00	35.45 1.23 0.00	36.53 1.41 0.00	46.94 1.97 0.00	102.56 4.42 0.00	100.02 3.48 0.00	81.70 2.67 0.00	125.81 4.30 0.00	128.03 4.45 0.00	99.26 3.47 0.00	92.41 2.99 0.00	92.68 3.17 0.00	71.93 2.64 0.00	62.84 2.56 0.00	65.78 2.60 0.00	68.02 2.61 0.00	72.09 2.80 0.00	69.68 2.74 0.00	61.35 2.56 0.00	56.17 2.37 0.00	54.15 2.31 0.00
AST_ENERGY_2_CC3 323677	38.68 1.11 0.01	39.96 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.40 1.28 0.00	46.79 1.82 0.00	102.24 4.10 0.00	99.75 3.21 0.00	81.41 2.39 0.00	125.51 4.00 0.00	127.73 4.15 0.00	98.81 3.02 0.00	91.87 2.44 0.00	92.03 2.52 0.00	71.51 2.22 0.00	62.30 2.02 0.00	64.89 1.71 0.00	67.12 1.71 0.00	71.22 1.92 0.00	69.05 2.11 0.00	60.75 1.96 0.00	55.59 1.78 0.00	53.49 1.65 0.00
AST_ENERGY_2_CC4 323678	38.68 1.11 0.01	39.96 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.40 1.28 0.00	46.79 1.82 0.00	102.24 4.10 0.00	99.75 3.21 0.00	81.41 2.39 0.00	125.51 4.00 0.00	127.73 4.15 0.00	98.81 3.02 0.00	91.87 2.44 0.00	92.03 2.52 0.00	71.51 2.22 0.00	62.30 2.02 0.00	64.89 1.71 0.00	67.12 1.71 0.00	71.22 1.92 0.00	69.05 2.11 0.00	60.75 1.96 0.00	55.59 1.78 0.00	53.49 1.65 0.00

ATHENS_STG_1 23668	38.02 0.45 0.00	39.38 0.49 0.00	37.96 0.48 0.00	39.91 0.51 0.00	34.74 0.52 0.00	35.65 0.53 0.00	45.73 0.75 0.00	99.79 1.65 0.00	97.67 1.14 0.00	79.82 0.80 0.00	122.87 1.36 0.00	125.00 1.42 0.00	96.92 1.13 0.00	90.43 1.00 0.00	90.66 1.15 0.00	70.17 0.88 0.00	61.13 0.84 0.00	63.88 0.70 0.00	66.08 0.68 0.00	70.08 0.79 0.00	67.78 0.83 0.00	59.65 0.85 0.00	54.57 0.77 0.00	52.52 0.68 0.00
ATHENS_STG_2 23670	38.02 0.45 0.00	39.38 0.49 0.00	37.96 0.48 0.00	39.91 0.51 0.00	34.74 0.52 0.00	35.65 0.53 0.00	45.73 0.75 0.00	99.79 1.65 0.00	97.67 1.14 0.00	79.82 0.80 0.00	122.87 1.36 0.00	125.00 1.42 0.00	96.92 1.13 0.00	90.43 1.00 0.00	90.66 1.15 0.00	70.17 0.88 0.00	61.13 0.84 0.00	63.88 0.70 0.00	66.08 0.68 0.00	70.08 0.79 0.00	67.78 0.83 0.00	59.65 0.85 0.00	54.57 0.77 0.00	52.52 0.68 0.00
ATHENS_STG_3 23677	38.02 0.45 0.00	39.38 0.49 0.00	37.96 0.48 0.00	39.91 0.51 0.00	34.74 0.52 0.00	35.65 0.53 0.00	45.73 0.75 0.00	99.79 1.65 0.00	97.67 1.14 0.00	79.82 0.80 0.00	122.87 1.36 0.00	125.00 1.42 0.00	96.92 1.13 0.00	90.43 1.00 0.00	90.66 1.15 0.00	70.17 0.88 0.00	61.13 0.84 0.00	63.88 0.70 0.00	66.08 0.68 0.00	70.08 0.79 0.00	67.78 0.83 0.00	59.65 0.85 0.00	54.57 0.77 0.00	52.52 0.68 0.00
AUBURN____LFGE 323710	37.41 -0.16 0.00	38.72 -0.16 0.00	37.18 -0.30 0.00	39.05 -0.34 0.00	34.18 -0.04 0.00	35.13 0.00 0.00	45.01 0.04 0.00	98.34 0.20 0.00	96.76 0.22 0.00	79.24 0.22 0.00	122.10 0.59 0.00	124.03 0.45 0.00	96.07 0.28 0.00	89.17 -0.25 0.00	89.42 -0.08 0.00	69.30 0.02 0.00	60.34 0.06 0.00	63.52 0.34 0.00	65.81 0.40 0.00	69.31 0.02 0.00	66.90 -0.04 0.00	58.91 0.12 0.00	53.77 -0.03 0.00	51.94 0.11 0.00
BABYLON_RES_REC 323704	38.88 1.31 0.00	40.30 1.41 0.00	38.82 1.35 0.00	40.76 1.37 0.00	35.53 1.32 0.00	36.51 1.38 0.00	49.65 2.08 -2.60	110.43 5.08 -7.21	107.32 3.83 -6.94	87.22 3.12 -5.08	131.78 5.04 -5.23	138.21 5.52 -9.11	110.01 4.14 -10.08	100.85 3.81 -7.62	103.16 4.13 -9.52	77.60 3.11 -5.20	68.13 2.92 -4.93	68.72 2.71 -2.84	69.98 2.74 -1.83	99.19 3.30 -26.59	71.88 3.04 -1.90	63.17 2.87 -1.51	56.72 2.62 -0.30	54.18 2.18 -0.17
BALL_HILL_WT_PWR 323825	36.95 -0.62 0.00	38.23 -0.65 0.00	36.90 -0.57 0.00	38.84 -0.55 0.00	33.64 -0.57 0.00	34.62 -0.50 0.00	43.75 -1.22 0.00	95.55 -2.59 0.00	94.43 -2.11 0.00	77.51 -1.51 0.00	120.34 -1.17 0.00	121.31 -2.27 0.00	93.65 -2.14 0.00	86.63 -2.80 0.00	86.19 -3.33 0.00	66.92 -2.37 0.00	57.97 -2.32 0.00	61.69 -1.49 0.00	64.33 -1.07 0.00	67.75 -1.55 0.00	65.24 -1.70 0.00	57.63 -1.17 0.00	53.01 -0.79 0.00	51.69 -0.15 0.00
BARON_WINDS____WT_PWR 323822	36.68 -0.89 0.00	37.98 -0.90 0.00	36.62 -0.86 0.00	38.47 -0.92 0.00	33.33 -0.89 0.00	34.41 -0.72 0.00	43.77 -1.20 0.00	95.82 -2.33 0.00	94.39 -2.15 0.00	77.10 -1.92 0.00	119.64 -1.87 0.00	120.49 -3.10 0.00	92.98 -2.81 0.00	86.03 -3.39 0.00	85.27 -4.23 0.00	66.30 -2.99 0.00	57.57 -2.71 0.00	61.22 -1.95 0.00	63.79 -1.61 0.00	67.23 -2.07 0.00	64.71 -2.24 0.00	57.22 -1.57 0.00	52.53 -1.27 0.00	51.16 -0.67 0.00
BARRETT_IC_1 23704	38.66 1.09 0.00	40.04 1.16 0.00	38.57 1.10 0.00	40.50 1.11 0.00	35.29 1.07 0.00	36.25 1.13 0.00	46.59 1.62 0.00	102.01 3.88 0.00	99.13 2.59 0.00	80.95 1.93 0.00	124.76 3.25 0.00	129.79 3.82 -2.39	104.59 2.98 -5.82	96.31 2.68 -4.21	97.91 2.92 -5.48	71.99 2.23 -0.47	63.28 2.18 -0.81	65.08 1.91 0.00	67.42 2.01 -0.01	93.34 2.38 -21.66	69.31 2.36 -0.01	61.07 2.27 0.00	55.95 2.14 0.00	53.66 1.82 0.00
BARRETT_IC_10 23701	38.66 1.09 0.00	40.04 1.16 0.00	38.57 1.10 0.00	40.50 1.11 0.00	35.29 1.07 0.00	36.25 1.13 0.00	46.59 1.62 0.00	102.01 3.88 0.00	99.13 2.59 0.00	80.95 1.93 0.00	124.76 3.25 0.00	129.79 3.82 -2.39	104.59 2.98 -5.82	96.31 2.68 -4.21	97.91 2.92 -5.48	71.99 2.23 -0.47	63.28 2.18 -0.81	65.08 1.91 0.00	67.42 2.01 -0.01	93.34 2.38 -21.66	69.31 2.36 -0.01	61.07 2.27 0.00	55.95 2.14 0.00	53.66 1.82 0.00
BARRETT_IC_11 23702	38.66 1.09 0.00	40.04 1.16 0.00	38.57 1.10 0.00	40.50 1.11 0.00	35.29 1.07 0.00	36.25 1.13 0.00	46.59 1.62 0.00	102.01 3.88 0.00	99.13 2.59 0.00	80.95 1.93 0.00	124.76 3.25 0.00	129.79 3.82 -2.39	104.59 2.98 -5.82	96.31 2.68 -4.21	97.91 2.92 -5.48	71.99 2.23 -0.47	63.28 2.18 -0.81	65.08 1.91 0.00	67.42 2.01 -0.01	93.34 2.38 -21.66	69.31 2.36 -0.01	61.07 2.27 0.00	55.95 2.14 0.00	53.66 1.82 0.00
BARRETT_IC_12 23703	38.66 1.09 0.00	40.04 1.16 0.00	38.57 1.10 0.00	40.50 1.11 0.00	35.29 1.07 0.00	36.25 1.13 0.00	46.59 1.62 0.00	102.01 3.88 0.00	99.13 2.59 0.00	80.95 1.93 0.00	124.76 3.25 0.00	129.79 3.82 -2.39	104.59 2.98 -5.82	96.31 2.68 -4.21	97.91 2.92 -5.48	71.99 2.23 -0.47	63.28 2.18 -0.81	65.08 1.91 0.00	67.42 2.01 -0.01	93.34 2.38 -21.66	69.31 2.36 -0.01	61.07 2.27 0.00	55.95 2.14 0.00	53.66 1.82 0.00
BARRETT_IC_2 23705	38.66 1.09 0.00	40.04 1.16 0.00	38.57 1.10 0.00	40.50 1.11 0.00	35.29 1.07 0.00	36.25 1.13 0.00	46.59 1.62 0.00	102.01 3.88 0.00	99.13 2.59 0.00	80.95 1.93 0.00	124.76 3.25 0.00	129.79 3.82 -2.39	104.59 2.98 -5.82	96.31 2.68 -4.21	97.91 2.92 -5.48	71.99 2.23 -0.47	63.28 2.18 -0.81	65.08 1.91 0.00	67.42 2.01 -0.01	93.34 2.38 -21.66	69.31 2.36 -0.01	61.07 2.27 0.00	55.95 2.14 0.00	53.66 1.82 0.00
BARRETT_IC_3 23706	38.66 1.09 0.00	40.04 1.16 0.00	38.57 1.10 0.00	40.50 1.11 0.00	35.29 1.07 0.00	36.25 1.13 0.00	46.59 1.62 0.00	102.01 3.88 0.00	99.13 2.59 0.00	80.95 1.93 0.00	124.76 3.25 0.00	129.79 3.82 -2.39	104.59 2.98 -5.82	96.31 2.68 -4.21	97.91 2.92 -5.48	71.99 2.23 -0.47	63.28 2.18 -0.81	65.08 1.91 0.00	67.42 2.01 -0.01	93.34 2.38 -21.66	69.31 2.36 -0.01	61.07 2.27 0.00	55.95 2.14 0.00	53.66 1.82 0.00
BARRETT_IC_4 23707	38.66 1.09 0.00	40.04 1.16 0.00	38.57 1.10 0.00	40.50 1.11 0.00	35.29 1.07 0.00	36.25 1.13 0.00	46.59 1.62 0.00	102.01 3.88 0.00	99.13 2.59 0.00	80.95 1.93 0.00	124.76 3.25 0.00	129.79 3.82 -2.39	104.59 2.98 -5.82	96.31 2.68 -4.21	97.91 2.92 -5.48	71.99 2.23 -0.47	63.28 2.18 -0.81	65.08 1.91 0.00	67.42 2.01 -0.01	93.34 2.38 -21.66	69.31 2.36 -0.01	61.07 2.27 0.00	55.95 2.14 0.00	53.66 1.82 0.00
BARRETT_IC_5 23708	38.66 1.09 0.00	40.04 1.16 0.00	38.57 1.10 0.00	40.50 1.11 0.00	35.29 1.07 0.00	36.25 1.13 0.00	46.59 1.62 0.00	102.01 3.88 0.00	99.13 2.59 0.00	80.95 1.93 0.00	124.76 3.25 0.00	129.79 3.82 -2.39	104.59 2.98 -5.82	96.31 2.68 -4.21	97.91 2.92 -5.48	71.99 2.23 -0.47	63.28 2.18 -0.81	65.08 1.91 0.00	67.42 2.01 -0.01	93.34 2.38 -21.66	69.31 2.36 -0.01	61.07 2.27 0.00	55.95 2.14 0.00	53.66 1.82 0.00

BARRETT_IC_6 23709	38.66 1.09 0.00	40.04 1.16 0.00	38.57 1.10 0.00	40.50 1.11 0.00	35.29 1.07 0.00	36.25 1.13 0.00	46.59 1.62 0.00	102.01 3.88 0.00	99.13 2.59 0.00	80.95 1.93 0.00	124.76 3.25 0.00	129.79 3.82 -2.39	104.59 2.98 -5.82	96.31 2.68 -4.21	97.91 2.92 -5.48	71.99 2.23 -0.47	63.28 2.18 -0.81	65.08 1.91 0.00	67.42 2.01 -0.01	93.34 2.38 -21.66	69.31 2.36 -0.01	61.07 2.27 0.00	55.95 2.14 0.00	53.66 1.82 0.00
BARRETT_IC_7 23710	38.66 1.09 0.00	40.04 1.16 0.00	38.57 1.10 0.00	40.50 1.11 0.00	35.29 1.08 0.00	36.25 1.13 0.00	46.59 1.62 0.00	102.02 3.88 0.00	99.13 2.59 0.00	80.95 1.93 0.00	124.77 3.25 0.00	129.81 3.84 -2.39	104.60 2.99 -5.82	96.29 2.66 -4.21	97.90 2.92 -5.48	71.99 2.23 -0.47	63.28 2.18 -0.81	65.08 1.91 0.00	67.42 2.01 -0.01	93.37 2.41 -21.66	69.30 2.35 -0.01	61.07 2.27 0.00	55.95 2.14 0.00	53.66 1.82 0.00
BARRETT_IC_8 23711	38.66 1.09 0.00	40.04 1.16 0.00	38.57 1.10 0.00	40.50 1.11 0.00	35.29 1.07 0.00	36.25 1.13 0.00	46.59 1.62 0.00	102.01 3.88 0.00	99.13 2.59 0.00	80.95 1.93 0.00	124.76 3.25 0.00	129.79 3.82 -2.39	104.59 2.98 -5.82	96.31 2.68 -4.21	97.91 2.92 -5.48	71.99 2.23 -0.47	63.28 2.18 -0.81	65.08 1.91 0.00	67.42 2.01 -0.01	93.34 2.38 -21.66	69.31 2.36 -0.01	61.07 2.27 0.00	55.95 2.14 0.00	53.66 1.82 0.00
BARRETT_IC_9 23700	38.66 1.09 0.00	40.04 1.16 0.00	38.57 1.10 0.00	40.50 1.11 0.00	35.29 1.07 0.00	36.25 1.13 0.00	46.59 1.62 0.00	102.01 3.88 0.00	99.13 2.59 0.00	80.95 1.93 0.00	124.76 3.25 0.00	129.79 3.82 -2.39	104.59 2.98 -5.82	96.31 2.68 -4.21	97.91 2.92 -5.48	71.99 2.23 -0.47	63.28 2.18 -0.81	65.08 1.91 0.00	67.42 2.01 -0.01	93.34 2.38 -21.66	69.31 2.36 -0.01	61.07 2.27 0.00	55.95 2.14 0.00	53.66 1.82 0.00
BARRETT___1 23545	38.66 1.09 0.00	40.04 1.16 0.00	38.57 1.10 0.00	40.50 1.11 0.00	35.29 1.07 0.00	36.25 1.13 0.00	46.59 1.62 0.00	102.01 3.88 0.00	99.13 2.59 0.00	80.95 1.93 0.00	124.76 3.25 0.00	129.79 3.82 -2.39	104.59 2.98 -5.82	96.31 2.68 -4.21	97.91 2.92 -5.48	71.99 2.23 -0.47	63.28 2.18 -0.81	65.08 1.91 0.00	67.42 2.01 -0.01	93.34 2.38 -21.66	69.31 2.36 -0.01	61.07 2.27 0.00	55.95 2.14 0.00	53.66 1.82 0.00
BARRETT___2 23546	38.66 1.09 0.00	40.04 1.16 0.00	38.57 1.10 0.00	40.50 1.11 0.00	35.29 1.07 0.00	36.25 1.13 0.00	46.59 1.62 0.00	102.01 3.88 0.00	99.13 2.59 0.00	80.95 1.93 0.00	124.76 3.25 0.00	129.79 3.82 -2.39	104.59 2.98 -5.82	96.31 2.68 -4.21	97.91 2.92 -5.48	71.99 2.23 -0.47	63.28 2.18 -0.81	65.08 1.91 0.00	67.42 2.01 -0.01	93.34 2.38 -21.66	69.31 2.36 -0.01	61.07 2.27 0.00	55.95 2.14 0.00	53.66 1.82 0.00
BATAVIA__115KV_TB1 55881	37.81 0.23 0.00	39.09 0.21 0.00	37.68 0.21 0.00	39.71 0.32 0.00	34.47 0.25 0.00	35.36 0.23 0.00	44.68 -0.29 0.00	97.56 -0.58 0.00	96.85 0.31 0.00	79.83 0.81 0.00	123.41 1.90 0.00	124.70 1.12 0.00	96.43 0.64 0.00	89.22 -0.20 0.00	88.82 -0.69 0.00	68.82 -0.46 0.00	59.71 -0.58 0.00	63.52 0.34 0.00	66.06 0.65 0.00	69.54 0.25 0.00	67.11 0.16 0.00	59.22 0.43 0.00	54.54 0.74 0.00	53.18 1.34 0.00
BAYONEEC___CTG1 323682	38.84 1.27 0.00	40.13 1.25 0.00	38.68 1.20 0.00	40.58 1.19 0.00	35.36 1.14 0.00	36.49 1.36 0.00	46.95 1.99 0.00	102.69 4.55 0.00	100.08 3.54 0.00	81.73 2.71 0.00	125.85 4.34 0.00	128.03 4.45 0.00	99.25 3.47 0.00	92.41 2.98 0.00	92.64 3.13 0.00	71.86 2.57 0.00	62.80 2.52 0.00	65.76 2.59 0.00	67.99 2.59 0.00	72.07 2.77 0.00	69.64 2.69 0.00	61.30 2.51 0.00	56.04 2.24 0.00	53.96 2.12 0.00
BAYONEEC___CTG10 323750	38.84 1.27 0.00	40.13 1.25 0.00	38.68 1.20 0.00	40.58 1.19 0.00	35.36 1.14 0.00	36.49 1.36 0.00	46.95 1.99 0.00	102.69 4.55 0.00	100.08 3.54 0.00	81.73 2.71 0.00	125.85 4.34 0.00	128.03 4.45 0.00	99.25 3.47 0.00	92.41 2.98 0.00	92.64 3.13 0.00	71.86 2.57 0.00	62.80 2.52 0.00	65.76 2.59 0.00	67.99 2.59 0.00	72.07 2.77 0.00	69.64 2.69 0.00	61.30 2.51 0.00	56.04 2.24 0.00	53.96 2.12 0.00
BAYONEEC___CTG2 323683	38.84 1.27 0.00	40.13 1.25 0.00	38.68 1.20 0.00	40.58 1.19 0.00	35.36 1.14 0.00	36.49 1.36 0.00	46.95 1.99 0.00	102.69 4.55 0.00	100.08 3.54 0.00	81.73 2.71 0.00	125.85 4.34 0.00	128.03 4.45 0.00	99.25 3.47 0.00	92.41 2.98 0.00	92.64 3.13 0.00	71.86 2.57 0.00	62.80 2.52 0.00	65.76 2.59 0.00	67.99 2.59 0.00	72.07 2.77 0.00	69.64 2.69 0.00	61.30 2.51 0.00	56.04 2.24 0.00	53.96 2.12 0.00
BAYONEEC___CTG3 323684	38.84 1.27 0.00	40.13 1.25 0.00	38.68 1.20 0.00	40.58 1.19 0.00	35.36 1.14 0.00	36.49 1.36 0.00	46.95 1.99 0.00	102.69 4.55 0.00	100.08 3.54 0.00	81.73 2.71 0.00	125.85 4.34 0.00	128.03 4.45 0.00	99.25 3.47 0.00	92.41 2.98 0.00	92.64 3.13 0.00	71.86 2.57 0.00	62.80 2.52 0.00	65.76 2.59 0.00	67.99 2.59 0.00	72.07 2.77 0.00	69.64 2.69 0.00	61.30 2.51 0.00	56.04 2.24 0.00	53.96 2.12 0.00
BAYONEEC___CTG4 323685	38.84 1.27 0.00	40.13 1.25 0.00	38.68 1.20 0.00	40.58 1.19 0.00	35.36 1.14 0.00	36.49 1.36 0.00	46.95 1.99 0.00	102.69 4.55 0.00	100.08 3.54 0.00	81.73 2.71 0.00	125.85 4.34 0.00	128.03 4.45 0.00	99.25 3.47 0.00	92.41 2.98 0.00	92.64 3.13 0.00	71.86 2.57 0.00	62.80 2.52 0.00	65.76 2.59 0.00	67.99 2.59 0.00	72.07 2.77 0.00	69.64 2.69 0.00	61.30 2.51 0.00	56.04 2.24 0.00	53.96 2.12 0.00
BAYONEEC___CTG5 323686	38.84 1.27 0.00	40.13 1.25 0.00	38.68 1.20 0.00	40.58 1.19 0.00	35.36 1.14 0.00	36.49 1.36 0.00	46.95 1.99 0.00	102.69 4.55 0.00	100.08 3.54 0.00	81.73 2.71 0.00	125.85 4.34 0.00	128.03 4.45 0.00	99.25 3.47 0.00	92.41 2.98 0.00	92.64 3.13 0.00	71.86 2.57 0.00	62.80 2.52 0.00	65.76 2.59 0.00	67.99 2.59 0.00	72.07 2.77 0.00	69.64 2.69 0.00	61.30 2.51 0.00	56.04 2.24 0.00	53.96 2.12 0.00
BAYONEEC___CTG6 323687	38.84 1.27 0.00	40.13 1.25 0.00	38.68 1.20 0.00	40.58 1.19 0.00	35.36 1.14 0.00	36.49 1.36 0.00	46.95 1.99 0.00	102.69 4.55 0.00	100.08 3.54 0.00	81.73 2.71 0.00	125.85 4.34 0.00	128.03 4.45 0.00	99.25 3.47 0.00	92.41 2.98 0.00	92.64 3.13 0.00	71.86 2.57 0.00	62.80 2.52 0.00	65.76 2.59 0.00	67.99 2.59 0.00	72.07 2.77 0.00	69.64 2.69 0.00	61.30 2.51 0.00	56.04 2.24 0.00	53.96 2.12 0.00
BAYONEEC___CTG7 323688	38.84 1.27 0.00	40.13 1.25 0.00	38.68 1.20 0.00	40.58 1.19 0.00	35.36 1.14 0.00	36.49 1.36 0.00	46.95 1.99 0.00	102.69 4.55 0.00	100.08 3.54 0.00	81.73 2.71 0.00	125.85 4.34 0.00	128.03 4.45 0.00	99.25 3.47 0.00	92.41 2.98 0.00	92.64 3.13 0.00	71.86 2.57 0.00	62.80 2.52 0.00	65.76 2.59 0.00	67.99 2.59 0.00	72.07 2.77 0.00	69.64 2.69 0.00	61.30 2.51 0.00	56.04 2.24 0.00	53.96 2.12 0.00

BAYONEEC___CTG8 323689	38.84 1.27 0.00	40.13 1.25 0.00	38.68 1.20 0.00	40.58 1.19 0.00	35.36 1.14 0.00	36.49 1.36 0.00	46.95 1.99 0.00	102.69 4.55 0.00	100.08 3.54 0.00	81.73 2.71 0.00	125.85 4.34 0.00	128.03 4.45 0.00	99.25 3.47 0.00	92.41 2.98 0.00	92.64 3.13 0.00	71.86 2.57 0.00	62.80 2.52 0.00	65.76 2.59 0.00	67.99 2.59 0.00	72.07 2.77 0.00	69.64 2.69 0.00	61.30 2.51 0.00	56.04 2.24 0.00	53.96 2.12 0.00
BAYONEEC___CTG9 323749	38.84 1.27 0.00	40.13 1.25 0.00	38.68 1.20 0.00	40.58 1.19 0.00	35.36 1.14 0.00	36.49 1.36 0.00	46.95 1.99 0.00	102.69 4.55 0.00	100.08 3.54 0.00	81.73 2.71 0.00	125.85 4.34 0.00	128.03 4.45 0.00	99.25 3.47 0.00	92.41 2.98 0.00	92.64 3.13 0.00	71.86 2.57 0.00	62.80 2.52 0.00	65.76 2.59 0.00	67.99 2.59 0.00	72.07 2.77 0.00	69.64 2.69 0.00	61.30 2.51 0.00	56.04 2.24 0.00	53.96 2.12 0.00
BEACON___LESR 323632	38.15 0.58 0.00	39.51 0.62 0.00	38.05 0.58 0.00	39.95 0.55 0.00	34.82 0.60 0.00	35.76 0.63 0.00	45.88 0.91 0.00	99.71 1.58 0.00	97.79 1.25 0.00	79.93 0.91 0.00	123.04 1.54 0.00	125.20 1.62 0.00	97.18 1.39 0.00	90.78 1.36 0.00	91.05 1.54 0.00	70.38 1.09 0.00	61.19 0.91 0.00	64.07 0.90 0.00	66.15 0.75 0.00	70.18 0.88 0.00	67.79 0.84 0.00	59.59 0.80 0.00	54.29 0.48 0.00	52.39 0.55 0.00
BEAVER RIVER___HYD 24048	38.52 0.95 0.00	39.86 0.98 0.00	38.40 0.93 0.00	40.42 1.03 0.00	35.14 0.92 0.00	36.11 0.98 0.00	46.57 1.60 0.00	102.13 4.00 0.00	100.65 4.11 0.00	82.56 3.54 0.00	127.04 5.53 0.00	128.85 5.26 0.00	99.72 3.93 0.00	92.97 3.55 0.00	92.62 3.11 0.00	71.59 2.31 0.00	62.14 1.85 0.00	65.19 2.02 0.00	67.59 2.19 0.00	71.37 2.08 0.00	69.04 2.10 0.00	60.55 1.76 0.00	55.26 1.45 0.00	53.12 1.29 0.00
BEEBEE_GT_13 23619	37.21 -0.37 0.00	38.48 -0.40 0.00	37.08 -0.39 0.00	39.05 -0.34 0.00	33.92 -0.30 0.00	34.87 -0.26 0.00	44.31 -0.65 0.00	97.06 -1.08 0.00	96.03 -0.50 0.00	78.94 -0.08 0.00	121.98 0.47 0.00	123.52 -0.06 0.00	95.57 -0.22 0.00	88.66 -0.77 0.00	88.41 -1.11 0.00	68.46 -0.82 0.00	59.50 -0.78 0.00	63.03 -0.15 0.00	65.47 0.06 0.00	69.02 -0.28 0.00	66.60 -0.35 0.00	58.67 -0.13 0.00	53.86 0.06 0.00	52.27 0.43 0.00
BENSHRST_27_KV_BENSHRST_1 355998	39.13 1.56 0.00	40.41 1.53 0.00	38.94 1.47 0.00	40.84 1.45 0.00	35.58 1.37 0.00	36.68 1.55 0.00	47.21 2.24 0.00	103.14 5.00 0.00	100.61 4.07 0.00	82.12 3.10 0.00	126.41 4.90 0.00	128.70 5.12 0.00	99.88 4.09 0.00	92.98 3.56 0.00	93.28 3.77 0.00	72.48 3.19 0.00	63.29 3.01 0.00	66.29 3.11 0.00	68.57 3.17 0.00	72.68 3.38 0.00	70.27 3.32 0.00	61.88 3.09 0.00	56.61 2.80 0.00	54.54 2.70 0.00
BETHLEHEM___GRP 23843	37.68 0.11 0.00	38.99 0.11 0.00	37.59 0.12 0.00	39.48 0.09 0.00	34.41 0.19 0.00	35.28 0.16 0.00	45.11 0.14 0.00	98.16 0.02 0.00	96.29 -0.25 0.00	78.65 -0.37 0.00	121.00 -0.52 0.00	123.19 -0.40 0.00	95.60 -0.19 0.00	89.32 -0.11 0.00	89.61 0.10 0.00	69.26 -0.03 0.00	60.13 -0.15 0.00	62.86 -0.31 0.00	64.95 -0.45 0.00	68.79 -0.51 0.00	66.50 -0.44 0.00	58.51 -0.29 0.00	53.54 -0.27 0.00	51.54 -0.30 0.00
BETHLEHEM___GS1 323560	37.68 0.11 0.00	38.99 0.11 0.00	37.60 0.12 0.00	39.48 0.09 0.00	34.41 0.19 0.00	35.29 0.16 0.00	45.11 0.14 0.00	98.16 0.02 0.00	96.29 -0.25 0.00	78.65 -0.37 0.00	121.00 -0.51 0.00	123.18 -0.41 0.00	95.60 -0.19 0.00	89.33 -0.10 0.00	89.61 0.10 0.00	69.26 -0.03 0.00	60.13 -0.15 0.00	62.86 -0.31 0.00	64.95 -0.45 0.00	68.79 -0.51 0.00	66.50 -0.44 0.00	58.51 -0.29 0.00	53.54 -0.26 0.00	51.54 -0.29 0.00
BETHLEHEM___GS2 323561	37.68 0.11 0.00	38.99 0.11 0.00	37.60 0.12 0.00	39.48 0.09 0.00	34.41 0.19 0.00	35.29 0.16 0.00	45.11 0.14 0.00	98.16 0.02 0.00	96.29 -0.25 0.00	78.65 -0.37 0.00	121.00 -0.51 0.00	123.18 -0.41 0.00	95.60 -0.19 0.00	89.33 -0.10 0.00	89.61 0.10 0.00	69.26 -0.03 0.00	60.13 -0.15 0.00	62.86 -0.31 0.00	64.95 -0.45 0.00	68.79 -0.51 0.00	66.50 -0.44 0.00	58.51 -0.29 0.00	53.54 -0.26 0.00	51.54 -0.29 0.00
BETHLEHEM___GS3 323562	37.68 0.11 0.00	38.99 0.11 0.00	37.60 0.12 0.00	39.48 0.09 0.00	34.41 0.19 0.00	35.29 0.16 0.00	45.11 0.14 0.00	98.16 0.02 0.00	96.29 -0.25 0.00	78.65 -0.37 0.00	121.00 -0.51 0.00	123.18 -0.41 0.00	95.60 -0.19 0.00	89.33 -0.10 0.00	89.61 0.10 0.00	69.26 -0.03 0.00	60.13 -0.15 0.00	62.86 -0.31 0.00	64.95 -0.45 0.00	68.79 -0.51 0.00	66.50 -0.44 0.00	58.51 -0.29 0.00	53.54 -0.26 0.00	51.54 -0.29 0.00
BETHLEHEM___STEEL 23779	37.06 -0.51 0.00	38.35 -0.53 0.00	36.99 -0.49 0.00	38.96 -0.43 0.00	33.73 -0.48 0.00	34.67 -0.46 0.00	43.70 -1.27 0.00	95.34 -2.80 0.00	94.46 -2.08 0.00	77.69 -1.33 0.00	120.45 -1.06 0.00	121.57 -2.01 0.00	93.89 -1.90 0.00	86.82 -2.61 0.00	86.34 -3.17 0.00	66.96 -2.33 0.00	58.02 -2.26 0.00	61.71 -1.46 0.00	64.34 -1.07 0.00	67.76 -1.54 0.00	65.40 -1.54 0.00	57.83 -0.96 0.00	53.27 -0.53 0.00	52.02 0.18 0.00
BETHLHEM_115KV_TB1 79974	37.72 0.15 0.00	39.04 0.16 0.00	37.65 0.18 0.00	39.54 0.15 0.00	34.45 0.23 0.00	35.34 0.21 0.00	45.20 0.23 0.00	98.36 0.22 0.00	96.49 -0.05 0.00	78.81 -0.22 0.00	121.24 -0.27 0.00	123.42 -0.16 0.00	95.78 -0.01 0.00	89.46 0.03 0.00	89.77 0.26 0.00	69.38 0.09 0.00	60.27 -0.01 0.00	62.99 -0.19 0.00	65.11 -0.29 0.00	68.97 -0.33 0.00	66.67 -0.27 0.00	58.64 -0.15 0.00	53.67 -0.13 0.00	51.68 -0.16 0.00
BETHPAGE_CC_5 323564	38.85 1.28 0.00	40.24 1.37 0.00	38.76 1.28 0.00	40.70 1.31 0.00	35.47 1.26 0.00	36.45 1.33 0.00	48.50 1.99 -1.55	107.25 4.82 -4.29	104.30 3.63 -4.13	84.94 2.91 -3.02	129.32 4.70 -3.11	135.34 5.10 -6.65	108.70 3.89 -9.02	99.67 3.52 -6.72	101.76 3.74 -8.51	75.54 2.91 -3.34	66.41 2.78 -3.35	66.88 2.59 -1.12	68.06 2.65 -0.01	97.79 3.12 -25.37	69.90 2.95 -0.01	61.57 2.77 0.00	56.33 2.52 0.00	53.97 2.13 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.12 -0.45 0.00	38.41 -0.47 0.00	37.05 -0.42 0.00	39.02 -0.37 0.00	33.80 -0.42 0.00	34.74 -0.39 0.00	43.81 -1.16 0.00	95.65 -2.49 0.00	94.72 -1.81 0.00	77.91 -1.11 0.00	120.82 -0.69 0.00	121.93 -1.65 0.00	94.16 -1.63 0.00	87.09 -2.34 0.00	86.62 -2.89 0.00	67.17 -2.12 0.00	58.21 -2.07 0.00	61.92 -1.26 0.00	64.54 -0.86 0.00	67.98 -1.31 0.00	65.61 -1.34 0.00	58.00 -0.80 0.00	53.40 -0.40 0.00	52.12 0.29 0.00
BINGHAMTON___COGEN 23790	37.39 -0.19 0.00	38.71 -0.17 0.00	37.33 -0.15 0.00	39.24 -0.15 0.00	34.14 -0.08 0.00	35.10 -0.03 0.00	44.97 0.00 0.00	98.35 0.22 0.00	96.60 0.06 0.00	79.00 -0.03 0.00	121.81 0.30 0.00	123.45 -0.13 0.00	95.59 -0.20 0.00	89.05 -0.37 0.00	89.05 -0.46 0.00	69.03 -0.26 0.00	60.09 -0.19 0.00	63.17 -0.01 0.00	65.53 0.12 0.00	69.37 0.08 0.00	66.93 -0.02 0.00	58.91 0.12 0.00	53.90 0.10 0.00	51.98 0.14 0.00

BIXINCNT_115KV_LOAD 355685	37.42 -0.15 0.00	38.73 -0.15 0.00	37.38 -0.09 0.00	39.35 -0.04 0.00	34.12 -0.09 0.00	35.17 0.04 0.00	44.52 -0.45 0.00	97.34 -0.80 0.00	96.16 -0.38 0.00	78.98 -0.05 0.00	122.64 1.13 0.00	123.57 -0.01 0.00	95.37 -0.42 0.00	88.24 -1.18 0.00	87.74 -1.77 0.00	68.04 -1.25 0.00	58.96 -1.33 0.00	62.85 -0.32 0.00	65.62 0.21 0.00	69.03 -0.27 0.00	66.45 -0.50 0.00	58.83 0.04 0.00	54.03 0.23 0.00	52.50 0.66 0.00
BLACK RIVER___HYD 24047	38.47 0.90 0.00	39.82 0.94 0.00	38.32 0.84 0.00	40.38 0.98 0.00	35.19 0.98 0.00	36.09 0.96 0.00	46.67 1.70 0.00	102.62 4.48 0.00	101.10 4.56 0.00	82.96 3.94 0.00	127.77 6.26 0.00	129.33 5.74 0.00	100.23 4.44 0.00	93.35 3.93 0.00	92.67 3.16 0.00	71.68 2.40 0.00	62.25 1.97 0.00	65.45 2.28 0.00	67.87 2.47 0.00	71.55 2.25 0.00	69.03 2.09 0.00	60.47 1.67 0.00	55.15 1.35 0.00	52.98 1.14 0.00
BLACKRVR_115KV_TB2 79977	38.47 0.90 0.00	39.82 0.94 0.00	38.32 0.84 0.00	40.38 0.99 0.00	35.19 0.97 0.00	36.09 0.96 0.00	46.67 1.70 0.00	102.62 4.48 0.00	101.09 4.56 0.00	82.96 3.94 0.00	127.76 6.26 0.00	129.33 5.75 0.00	100.23 4.44 0.00	93.36 3.93 0.00	92.67 3.16 0.00	71.69 2.40 0.00	62.25 1.97 0.00	65.45 2.28 0.00	67.88 2.47 0.00	71.55 2.25 0.00	69.03 2.09 0.00	60.47 1.67 0.00	55.16 1.35 0.00	52.98 1.14 0.00
BLDWN_LI_69_KV_BK4 356085	38.96 1.39 0.00	40.32 1.44 0.00	38.83 1.36 0.00	40.78 1.39 0.00	35.53 1.32 0.00	36.54 1.42 0.00	47.04 2.07 0.00	103.11 4.97 0.00	100.33 3.79 0.00	81.97 2.95 0.00	126.29 4.78 0.00	131.72 5.00 -3.14	107.30 3.86 -7.64	98.36 3.41 -5.52	100.24 3.54 -7.19	72.83 2.92 -0.62	64.13 2.79 -1.06	65.78 2.60 0.00	68.10 2.69 -0.01	100.64 3.17 -28.17	70.11 3.16 -0.01	61.75 2.95 0.00	56.49 2.69 0.00	54.13 2.29 0.00
BLISS_WT_PWR 323608	37.46 -0.11 0.00	38.77 -0.11 0.00	37.43 -0.04 0.00	39.41 0.01 0.00	34.18 -0.04 0.00	35.22 0.09 0.00	44.59 -0.38 0.00	97.51 -0.63 0.00	96.32 -0.22 0.00	79.13 0.11 0.00	122.90 1.39 0.00	123.79 0.21 0.00	95.56 -0.23 0.00	88.36 -1.07 0.00	87.87 -1.64 0.00	68.14 -1.14 0.00	59.03 -1.26 0.00	62.94 -0.23 0.00	65.72 0.31 0.00	69.09 -0.20 0.00	66.49 -0.46 0.00	58.90 0.10 0.00	54.08 0.27 0.00	52.50 0.66 0.00
BLUESTONE___WT_PWR 323821	38.78 1.21 0.00	40.19 1.31 0.00	38.70 1.23 0.00	40.26 0.86 0.00	34.92 0.70 0.00	35.86 0.73 0.00	46.46 1.49 0.00	102.26 4.13 0.00	100.97 4.43 0.00	82.54 3.52 0.00	126.95 5.45 0.00	128.42 4.84 0.00	98.88 3.09 0.00	91.24 1.82 0.00	91.17 1.66 0.00	70.27 0.98 0.00	61.56 1.28 0.00	64.18 1.01 0.00	66.15 0.74 0.00	70.25 0.96 0.00	67.23 0.28 0.00	59.56 0.77 0.00	54.66 0.86 0.00	51.50 -0.33 0.00
BLUE_CIRC_CHEM_DRP 24182	37.96 0.39 0.00	39.33 0.44 0.00	37.92 0.45 0.00	39.86 0.46 0.00	34.71 0.50 0.00	35.60 0.48 0.00	45.54 0.57 0.00	99.13 0.99 0.00	97.19 0.66 0.00	79.42 0.40 0.00	122.15 0.64 0.00	124.29 0.70 0.00	96.47 0.68 0.00	90.13 0.71 0.00	90.41 0.90 0.00	69.89 0.61 0.00	60.71 0.43 0.00	63.47 0.30 0.00	65.61 0.20 0.00	69.51 0.21 0.00	67.22 0.27 0.00	59.12 0.32 0.00	54.12 0.32 0.00	52.12 0.29 0.00
BOC_GAS_DRP 24189	37.81 0.23 0.00	39.15 0.27 0.00	37.75 0.27 0.00	39.68 0.28 0.00	34.55 0.33 0.00	35.43 0.30 0.00	45.35 0.38 0.00	98.81 0.67 0.00	96.89 0.36 0.00	79.18 0.16 0.00	121.83 0.33 0.00	123.95 0.37 0.00	96.15 0.36 0.00	89.76 0.34 0.00	90.03 0.52 0.00	69.62 0.33 0.00	60.52 0.24 0.00	63.28 0.11 0.00	65.43 0.02 0.00	69.33 0.04 0.00	67.05 0.11 0.00	58.99 0.19 0.00	53.99 0.18 0.00	51.99 0.16 0.00
BOONVILLE_115KV_TB1 79983	38.40 0.83 0.00	39.77 0.89 0.00	38.33 0.86 0.00	40.34 0.94 0.00	35.09 0.87 0.00	36.09 0.97 0.00	46.48 1.51 0.00	101.68 3.54 0.00	100.10 3.57 0.00	82.00 2.98 0.00	126.24 4.73 0.00	128.21 4.62 0.00	99.25 3.46 0.00	92.56 3.14 0.00	92.57 3.06 0.00	71.70 2.41 0.00	62.40 2.12 0.00	65.38 2.21 0.00	67.73 2.32 0.00	71.58 2.28 0.00	69.09 2.14 0.00	60.64 1.84 0.00	55.36 1.55 0.00	53.24 1.40 0.00
BORALEX_4TH_BRANCH 23824	38.49 0.92 0.00	39.79 0.91 0.00	38.32 0.85 0.00	40.19 0.80 0.00	34.99 0.78 0.00	35.87 0.74 0.00	45.99 1.02 0.00	99.82 1.68 0.00	97.93 1.39 0.00	79.89 0.87 0.00	123.09 1.58 0.00	125.56 1.98 0.00	97.19 1.40 0.00	90.95 1.53 0.00	91.24 1.73 0.00	70.17 0.88 0.00	60.48 0.20 0.00	63.24 0.07 0.00	65.30 -0.10 0.00	69.08 -0.22 0.00	66.83 -0.12 0.00	58.80 0.01 0.00	53.98 0.17 0.00	51.93 0.09 0.00
BOWLINE___1 23526	38.38 0.81 0.00	39.70 0.82 0.00	38.28 0.80 0.00	40.18 0.78 0.00	34.98 0.77 0.00	36.08 0.96 0.00	46.41 1.44 0.00	101.50 3.36 0.00	98.99 2.45 0.00	80.79 1.77 0.00	124.54 3.03 0.00	126.59 3.01 0.00	98.18 2.39 0.00	91.51 2.09 0.00	91.73 2.22 0.00	71.10 1.81 0.00	62.18 1.90 0.00	65.14 1.97 0.00	67.40 2.00 0.00	71.48 2.18 0.00	69.03 2.08 0.00	60.76 1.97 0.00	55.51 1.71 0.00	53.41 1.57 0.00
BOWLINE___2 23595	38.37 0.80 0.00	39.69 0.81 0.00	38.27 0.79 0.00	40.17 0.77 0.00	34.97 0.76 0.00	36.07 0.94 0.00	46.41 1.44 0.00	101.50 3.36 0.00	98.99 2.45 0.00	80.79 1.77 0.00	124.52 3.01 0.00	126.56 2.98 0.00	98.16 2.37 0.00	91.47 2.05 0.00	91.71 2.20 0.00	71.09 1.80 0.00	62.18 1.89 0.00	65.13 1.96 0.00	67.39 1.98 0.00	71.46 2.17 0.00	69.00 2.05 0.00	60.75 1.95 0.00	55.50 1.70 0.00	53.39 1.55 0.00
BRADY___115KV_TB2 356060	39.41 1.83 0.00	40.69 1.80 0.00	39.22 1.75 0.00	41.25 1.85 0.00	35.62 1.41 0.00	36.62 1.49 0.00	46.88 1.91 0.00	102.47 4.33 0.00	101.40 4.86 0.00	83.24 4.22 0.00	127.37 5.86 0.00	129.53 5.95 0.00	100.24 4.45 0.00	93.56 4.14 0.00	93.42 3.91 0.00	72.16 2.87 0.00	62.68 2.40 0.00	65.77 2.60 0.00	68.23 2.83 0.00	72.42 3.12 0.00	70.21 3.27 0.00	61.57 2.77 0.00	56.26 2.46 0.00	54.27 2.43 0.00
BRANSCOMB___SOLAR 323811	39.00 1.43 0.00	40.33 1.45 0.00	38.84 1.37 0.00	40.75 1.36 0.00	35.42 1.21 0.00	36.29 1.16 0.00	46.60 1.63 0.00	101.30 3.16 0.00	99.38 2.84 0.00	81.11 2.09 0.00	124.94 3.43 0.00	127.48 3.90 0.00	98.75 2.96 0.00	92.34 2.91 0.00	92.63 3.12 0.00	71.52 2.23 0.00	61.92 1.64 0.00	64.88 1.70 0.00	67.00 1.59 0.00	70.89 1.60 0.00	68.39 1.45 0.00	60.22 1.43 0.00	55.19 1.39 0.00	53.03 1.19 0.00
BRDGHMPT_69_KV_BK1 55812	38.92 1.35 0.00	40.75 1.87 0.00	39.45 1.98 0.00	41.58 2.19 0.00	36.39 2.17 0.00	37.42 2.30 0.00	57.88 3.19 -9.73	132.87 7.77 -26.97	128.32 5.82 -25.96	102.93 4.91 -19.00	148.99 7.93 -19.55	158.36 8.33 -26.46	121.63 6.69 -19.15	110.22 5.73 -15.06	114.31 6.67 -18.13	91.98 4.75 -17.94	79.80 3.66 -15.86	78.19 2.40 -12.62	77.62 1.59 -10.62	108.32 2.38 -36.65	79.88 1.95 -10.98	69.49 1.92 -8.78	57.33 1.77 -1.76	54.14 1.32 -0.98

BRENTWOD_69_KV_W. BRTWOOD 56703	39.11 1.54 0.00	40.55 1.67 0.00	39.06 1.59 0.00	41.03 1.64 0.00	35.78 1.57 0.00	36.70 1.57 0.00	56.32 2.43 -8.93	128.85 5.96 -24.74	124.97 4.61 -23.82	100.22 3.77 -17.43	145.64 6.20 -17.93	154.84 6.72 -24.55	118.74 4.72 -18.23	108.08 4.35 -14.30	111.57 4.80 -17.26	89.34 3.55 -16.51	78.31 3.39 -14.64	77.55 3.06 -11.31	77.68 3.04 -9.23	108.43 3.83 -35.30	80.03 3.54 -9.55	69.71 3.29 -7.63	58.33 2.99 -1.53	55.14 2.46 -0.85
BRISTLHL_115KV_TB1 79998	36.39 -1.19 0.00	37.68 -1.21 0.00	36.30 -1.18 0.00	38.17 -1.23 0.00	33.25 -0.96 0.00	34.14 -0.99 0.00	43.72 -1.24 0.00	95.45 -2.69 0.00	93.94 -2.60 0.00	76.91 -2.11 0.00	118.51 -3.00 0.00	120.47 -3.11 0.00	93.39 -2.40 0.00	87.02 -2.40 0.00	87.05 -2.46 0.00	67.41 -1.88 0.00	58.69 -1.59 0.00	61.62 -1.55 0.00	63.82 -1.59 0.00	67.51 -1.79 0.00	65.18 -1.76 0.00	57.25 -1.55 0.00	52.37 -1.44 0.00	50.46 -1.38 0.00
BROOKHAVEN___DRP 24191	38.81 1.24 0.00	40.29 1.41 0.00	38.85 1.37 0.00	40.84 1.45 0.00	35.68 1.47 0.00	36.62 1.49 0.00	56.93 2.12 -9.84	130.72 5.29 -27.29	126.27 3.46 -26.27	101.14 2.89 -19.22	146.12 4.83 -19.78	155.59 5.27 -26.74	119.36 4.27 -19.30	108.43 3.82 -15.19	112.14 4.36 -18.28	90.46 3.03 -18.15	78.79 2.48 -16.04	77.92 1.95 -12.79	78.03 1.83 -10.79	108.70 2.53 -36.87	80.35 2.24 -11.16	69.96 2.26 -8.91	57.74 2.15 -1.79	54.55 1.72 -0.99
BROOKLYN_NAVY_YARD 23515	38.77 1.20 0.00	40.05 1.17 0.00	38.57 1.10 0.00	40.48 1.09 0.00	35.29 1.07 0.00	36.43 1.31 0.00	46.87 1.91 0.00	102.56 4.42 0.00	99.96 3.42 0.00	81.65 2.63 0.00	125.71 4.20 0.00	127.85 4.27 0.00	99.15 3.36 0.00	92.30 2.87 0.00	92.47 2.96 0.00	71.73 2.45 0.00	62.73 2.44 0.00	65.66 2.48 0.00	67.88 2.47 0.00	71.93 2.63 0.00	69.48 2.54 0.00	61.16 2.37 0.00	55.90 2.09 0.00	53.80 1.97 0.00
BROOKLYN___ARMY_DRP 323595	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
BROOME_2_LFGE 323671	37.38 -0.19 0.00	38.71 -0.17 0.00	37.33 -0.14 0.00	39.23 -0.16 0.00	34.13 -0.08 0.00	35.10 -0.03 0.00	44.97 0.00 0.00	98.36 0.22 0.00	96.60 0.06 0.00	79.00 -0.03 0.00	121.82 0.31 0.00	123.45 -0.13 0.00	95.59 -0.20 0.00	89.05 -0.37 0.00	89.05 -0.46 0.00	69.03 -0.26 0.00	60.09 -0.19 0.00	63.17 -0.01 0.00	65.53 0.12 0.00	69.35 0.06 0.00	66.93 -0.02 0.00	58.91 0.12 0.00	53.90 0.10 0.00	51.98 0.14 0.00
BROOME___LFGE 323600	37.38 -0.19 0.00	38.71 -0.17 0.00	37.33 -0.14 0.00	39.23 -0.16 0.00	34.13 -0.08 0.00	35.10 -0.03 0.00	44.97 0.00 0.00	98.36 0.22 0.00	96.60 0.06 0.00	79.00 -0.03 0.00	121.82 0.31 0.00	123.45 -0.13 0.00	95.59 -0.20 0.00	89.05 -0.37 0.00	89.05 -0.46 0.00	69.03 -0.26 0.00	60.09 -0.19 0.00	63.17 -0.01 0.00	65.53 0.12 0.00	69.35 0.06 0.00	66.93 -0.02 0.00	58.91 0.12 0.00	53.90 0.10 0.00	51.98 0.14 0.00
BROWNFLS_115KV_TB_3_5 80003	38.62 1.05 0.00	39.93 1.05 0.00	38.48 1.00 0.00	40.48 1.09 0.00	35.05 0.84 0.00	36.03 0.90 0.00	46.27 1.31 0.00	101.37 3.23 0.00	100.10 3.56 0.00	82.17 3.15 0.00	126.05 4.54 0.00	128.00 4.42 0.00	99.04 3.25 0.00	92.38 2.96 0.00	92.03 2.52 0.00	70.97 1.68 0.00	61.54 1.26 0.00	64.49 1.32 0.00	66.87 1.46 0.00	70.87 1.57 0.00	68.87 1.93 0.00	60.41 1.62 0.00	55.17 1.36 0.00	53.12 1.29 0.00
BROWNSV1_27_KV_LOAD 356125	39.12 1.55 0.00	40.42 1.54 0.00	38.93 1.46 0.00	40.86 1.47 0.00	35.60 1.39 0.00	36.75 1.62 0.00	47.31 2.34 0.00	103.56 5.42 0.00	100.95 4.42 0.00	82.48 3.46 0.00	126.99 5.48 0.00	129.22 5.64 0.00	100.18 4.39 0.00	93.27 3.84 0.00	93.48 3.97 0.00	72.50 3.21 0.00	63.38 3.10 0.00	66.39 3.22 0.00	68.65 3.25 0.00	72.77 3.47 0.00	70.30 3.35 0.00	61.87 3.08 0.00	56.55 2.74 0.00	54.42 2.58 0.00
BURROWS___LYONSDAL 23803	38.40 0.83 0.00	39.77 0.89 0.00	38.33 0.86 0.00	40.34 0.94 0.00	35.09 0.87 0.00	36.08 0.96 0.00	46.48 1.51 0.00	101.75 3.62 0.00	100.21 3.67 0.00	82.11 3.09 0.00	126.40 4.89 0.00	128.32 4.74 0.00	99.32 3.53 0.00	92.64 3.21 0.00	92.57 3.06 0.00	71.67 2.39 0.00	62.34 2.06 0.00	65.34 2.17 0.00	67.69 2.28 0.00	71.54 2.24 0.00	69.08 2.13 0.00	60.61 1.81 0.00	55.34 1.54 0.00	53.21 1.37 0.00
CAITHNESS_CC_1 323624	38.73 1.16 0.00	40.20 1.31 0.00	38.76 1.28 0.00	40.73 1.34 0.00	35.57 1.36 0.00	36.50 1.38 0.00	56.88 1.97 -9.95	130.64 4.93 -27.57	126.32 3.24 -26.54	101.13 2.68 -19.42	146.01 4.52 -19.99	155.54 4.97 -26.99	119.14 3.91 -19.44	108.25 3.52 -15.30	111.91 4.00 -18.40	90.37 2.76 -18.33	78.72 2.25 -16.19	77.88 1.76 -12.94	78.00 1.66 -10.93	108.72 2.36 -37.07	80.33 2.08 -11.31	69.97 2.14 -9.04	57.66 2.04 -1.81	54.47 1.63 -1.01
CALPINE BETH_PAGE_GT4 24209	38.79 1.22 0.00	40.17 1.29 0.00	38.68 1.21 0.00	40.63 1.24 0.00	35.41 1.19 0.00	36.40 1.27 0.00	47.51 1.90 -0.64	104.54 4.63 -1.77	101.69 3.44 -1.71	83.05 2.78 -1.25	127.26 4.46 -1.29	133.01 4.83 -4.59	107.70 3.70 -8.21	98.76 3.31 -6.02	100.72 3.48 -7.73	73.81 2.78 -1.75	64.95 2.67 -2.00	66.11 2.47 -0.46	67.94 2.53 -0.01	99.27 3.00 -26.97	69.79 2.84 -0.01	61.47 2.67 0.00	56.23 2.43 0.00	53.89 2.05 0.00
CALPINE_BETH_PAGE_GT_4 323586	38.79 1.22 0.00	40.17 1.29 0.00	38.68 1.21 0.00	40.62 1.23 0.00	35.41 1.19 0.00	36.40 1.27 0.00	47.51 1.90 -0.64	104.54 4.63 -1.77	101.69 3.44 -1.71	83.04 2.77 -1.25	127.25 4.46 -1.29	133.00 4.82 -4.59	107.70 3.70 -8.21	98.77 3.32 -6.02	100.72 3.48 -7.73	73.81 2.77 -1.75	64.95 2.66 -2.00	66.10 2.46 -0.46	67.94 2.53 -0.01	99.27 3.00 -26.97	69.81 2.85 -0.01	61.47 2.68 0.00	56.24 2.43 0.00	53.89 2.05 0.00
CALPINE_BP_GT1 23823	38.79 1.22 0.00	40.17 1.29 0.00	38.68 1.21 0.00	40.62 1.23 0.00	35.41 1.19 0.00	36.40 1.27 0.00	47.51 1.90 -0.64	104.54 4.63 -1.77	101.69 3.44 -1.71	83.04 2.77 -1.25	127.25 4.46 -1.29	133.00 4.82 -4.59	107.70 3.70 -8.21	98.77 3.32 -6.02	100.72 3.48 -7.73	73.81 2.77 -1.75	64.95 2.66 -2.00	66.10 2.46 -0.46	67.94 2.53 -0.01	99.27 3.00 -26.97	69.81 2.85 -0.01	61.47 2.68 0.00	56.24 2.43 0.00	53.89 2.05 0.00
CALSPAN___DRP 24200	37.06 -0.51 0.00	38.35 -0.53 0.00	36.99 -0.49 0.00	38.96 -0.43 0.00	33.73 -0.48 0.00	34.67 -0.46 0.00	43.70 -1.27 0.00	95.34 -2.80 0.00	94.46 -2.08 0.00	77.69 -1.33 0.00	120.45 -1.06 0.00	121.57 -2.01 0.00	93.89 -1.90 0.00	86.82 -2.61 0.00	86.34 -3.17 0.00	66.96 -2.33 0.00	58.02 -2.26 0.00	61.71 -1.46 0.00	64.34 -1.07 0.00	67.76 -1.54 0.00	65.40 -1.54 0.00	57.83 -0.96 0.00	53.27 -0.53 0.00	52.02 0.18 0.00

CALVERTON___SOLAR 323806	38.87 1.30 0.00	40.38 1.50 0.00	38.95 1.48 0.00	40.96 1.57 0.00	35.79 1.57 0.00	36.75 1.62 0.00	57.05 2.28 -9.80	130.99 5.68 -27.17	126.46 3.76 -26.16	101.32 3.15 -19.14	146.44 5.23 -19.70	155.89 5.67 -26.64	119.71 4.67 -19.24	108.74 4.17 -15.14	112.45 4.72 -18.22	90.69 3.33 -18.07	78.96 2.71 -15.97	78.05 2.14 -12.73	78.10 1.97 -10.73	108.77 2.68 -36.79	80.42 2.38 -11.09	70.03 2.37 -8.87	57.80 2.22 -1.78	54.61 1.78 -0.99
CANDIGU_WT_PWR 323617	36.68 -0.89 0.00	37.98 -0.90 0.00	36.62 -0.86 0.00	38.47 -0.92 0.00	33.33 -0.89 0.00	34.41 -0.72 0.00	43.77 -1.20 0.00	95.82 -2.33 0.00	94.39 -2.15 0.00	77.10 -1.92 0.00	119.64 -1.87 0.00	120.49 -3.10 0.00	92.98 -2.81 0.00	86.03 -3.39 0.00	85.27 -4.23 0.00	66.30 -2.99 0.00	57.57 -2.71 0.00	61.22 -1.95 0.00	63.79 -1.61 0.00	67.23 -2.07 0.00	64.71 -2.24 0.00	57.22 -1.57 0.00	52.53 -1.27 0.00	51.16 -0.67 0.00
CARR STREET_E_SYR 24060	36.77 -0.80 0.00	38.07 -0.81 0.00	36.69 -0.79 0.00	38.57 -0.83 0.00	33.60 -0.61 0.00	34.50 -0.63 0.00	44.12 -0.85 0.00	96.24 -1.90 0.00	94.71 -1.83 0.00	77.56 -1.46 0.00	119.53 -1.98 0.00	121.43 -2.15 0.00	94.08 -1.71 0.00	87.69 -1.74 0.00	87.73 -1.78 0.00	67.97 -1.32 0.00	59.15 -1.13 0.00	62.10 -1.08 0.00	64.31 -1.09 0.00	68.04 -1.26 0.00	65.67 -1.27 0.00	57.70 -1.10 0.00	52.79 -1.02 0.00	50.86 -0.98 0.00
CARTHAGE___PAPER 23857	38.80 1.23 0.00	40.16 1.29 0.00	38.67 1.19 0.00	40.73 1.34 0.00	35.43 1.22 0.00	36.37 1.24 0.00	47.00 2.03 0.00	103.21 5.07 0.00	101.61 5.07 0.00	83.35 4.33 0.00	128.26 6.75 0.00	129.98 6.40 0.00	100.76 4.97 0.00	93.93 4.50 0.00	93.43 3.92 0.00	72.24 2.95 0.00	62.72 2.44 0.00	65.87 2.69 0.00	68.32 2.92 0.00	72.06 2.77 0.00	69.62 2.68 0.00	61.02 2.22 0.00	55.66 1.85 0.00	53.49 1.65 0.00
CASSADAGA_WT_PWR 323784	37.66 0.09 0.00	38.95 0.07 0.00	37.62 0.15 0.00	39.60 0.20 0.00	34.30 0.08 0.00	35.40 0.27 0.00	44.92 -0.05 0.00	98.35 0.21 0.00	97.17 0.63 0.00	79.61 0.58 0.00	123.84 2.32 0.00	124.77 1.19 0.00	96.30 0.51 0.00	89.18 -0.25 0.00	88.66 -0.85 0.00	68.82 -0.47 0.00	59.58 -0.70 0.00	63.44 0.27 0.00	66.20 0.80 0.00	69.64 0.34 0.00	66.87 -0.08 0.00	58.90 0.11 0.00	54.02 0.22 0.00	52.54 0.70 0.00
CE_DUNWOOD___DRP 24194	38.55 0.98 0.00	39.87 0.99 0.00	38.43 0.96 0.00	40.35 0.96 0.00	35.14 0.92 0.00	36.24 1.11 0.00	46.62 1.65 0.00	101.96 3.82 0.00	99.42 2.88 0.00	81.20 2.18 0.00	125.09 3.58 0.00	127.20 3.62 0.00	98.66 2.87 0.00	91.93 2.50 0.00	92.16 2.66 0.00	71.43 2.14 0.00	62.44 2.15 0.00	65.37 2.20 0.00	67.62 2.22 0.00	71.70 2.40 0.00	69.25 2.31 0.00	60.96 2.17 0.00	55.72 1.91 0.00	53.60 1.76 0.00
CE_MILLWOOD___DRP 24193	38.50 0.92 0.00	39.82 0.94 0.00	38.38 0.90 0.00	40.29 0.90 0.00	35.10 0.88 0.00	36.18 1.05 0.00	46.55 1.59 0.00	101.77 3.64 0.00	99.29 2.75 0.00	81.10 2.07 0.00	124.90 3.40 0.00	127.02 3.44 0.00	98.53 2.74 0.00	91.79 2.36 0.00	92.03 2.52 0.00	71.34 2.05 0.00	62.35 2.07 0.00	65.29 2.12 0.00	67.52 2.12 0.00	71.60 2.31 0.00	69.17 2.22 0.00	60.87 2.08 0.00	55.64 1.83 0.00	53.54 1.70 0.00
CE_NYC2_DRP 24202	38.94 1.37 0.00	40.23 1.35 0.00	38.77 1.30 0.00	40.68 1.29 0.00	35.44 1.23 0.00	36.53 1.40 0.00	46.96 1.99 0.00	102.61 4.47 0.00	100.06 3.52 0.00	81.72 2.70 0.00	125.86 4.36 0.00	128.07 4.48 0.00	99.29 3.50 0.00	92.43 3.00 0.00	92.72 3.21 0.00	71.94 2.66 0.00	62.87 2.58 0.00	65.81 2.63 0.00	68.06 2.65 0.00	72.10 2.81 0.00	69.69 2.74 0.00	61.37 2.57 0.00	56.17 2.36 0.00	54.15 2.31 0.00
CE_NYC_DRP 24195	38.89 1.32 0.00	40.18 1.30 0.00	38.72 1.25 0.00	40.63 1.24 0.00	35.41 1.19 0.00	36.53 1.40 0.00	47.02 2.05 0.00	102.89 4.76 0.00	100.28 3.75 0.00	81.94 2.92 0.00	126.17 4.66 0.00	128.36 4.78 0.00	99.50 3.71 0.00	92.61 3.19 0.00	92.84 3.32 0.00	71.99 2.71 0.00	62.92 2.63 0.00	65.86 2.68 0.00	68.09 2.69 0.00	72.18 2.89 0.00	69.72 2.78 0.00	61.37 2.58 0.00	56.09 2.29 0.00	54.00 2.16 0.00
CHAFFEE___LFGE 323603	37.15 -0.42 0.00	38.44 -0.44 0.00	37.07 -0.40 0.00	39.06 -0.33 0.00	33.83 -0.38 0.00	34.77 -0.36 0.00	43.86 -1.11 0.00	95.80 -2.34 0.00	94.91 -1.63 0.00	78.04 -0.98 0.00	121.02 -0.49 0.00	122.10 -1.49 0.00	94.31 -1.48 0.00	87.21 -2.22 0.00	86.78 -2.73 0.00	67.32 -1.97 0.00	58.34 -1.94 0.00	62.07 -1.10 0.00	64.73 -0.68 0.00	68.16 -1.14 0.00	65.76 -1.19 0.00	58.11 -0.68 0.00	53.50 -0.30 0.00	52.20 0.36 0.00
CHATEAUG_35_KV_LOAD 355732	38.57 1.00 0.00	39.82 0.94 0.00	38.37 0.89 0.00	40.32 0.93 0.00	34.83 0.61 0.00	35.77 0.64 0.00	45.59 0.62 0.00	99.61 1.47 0.00	98.54 2.01 0.00	80.88 1.86 0.00	123.28 1.77 0.00	125.45 1.86 0.00	97.14 1.35 0.00	90.70 1.28 0.00	90.61 1.11 0.00	70.13 0.84 0.00	61.01 0.73 0.00	64.01 0.84 0.00	66.38 0.98 0.00	70.43 1.13 0.00	68.07 1.13 0.00	59.65 0.86 0.00	54.67 0.87 0.00	52.88 1.04 0.00
CHATEAUG_WT_PWR 323614	38.41 0.84 0.00	39.66 0.78 0.00	38.22 0.74 0.00	40.17 0.77 0.00	34.71 0.50 0.00	35.63 0.50 0.00	45.39 0.41 0.00	99.10 0.96 0.00	98.02 1.48 0.00	80.42 1.40 0.00	122.62 1.11 0.00	124.79 1.20 0.00	96.65 0.86 0.00	90.25 0.83 0.00	90.16 0.65 0.00	69.77 0.48 0.00	60.66 0.38 0.00	63.61 0.44 0.00	65.97 0.57 0.00	69.96 0.67 0.00	67.61 0.67 0.00	59.29 0.50 0.00	54.38 0.57 0.00	52.61 0.77 0.00
CHAT_HIGH_FALL_HYD 323578	38.57 1.00 0.00	39.82 0.94 0.00	38.37 0.89 0.00	40.32 0.93 0.00	34.83 0.61 0.00	35.77 0.64 0.00	45.59 0.62 0.00	99.61 1.47 0.00	98.54 2.01 0.00	80.88 1.86 0.00	123.28 1.77 0.00	125.45 1.86 0.00	97.14 1.35 0.00	90.70 1.28 0.00	90.61 1.11 0.00	70.13 0.84 0.00	61.01 0.73 0.00	64.01 0.84 0.00	66.38 0.98 0.00	70.43 1.13 0.00	68.07 1.13 0.00	59.65 0.86 0.00	54.67 0.87 0.00	52.88 1.04 0.00
CHAUTAUQUA___LFGE 323629	37.19 -0.38 0.00	38.47 -0.41 0.00	37.15 -0.32 0.00	39.09 -0.31 0.00	33.85 -0.36 0.00	34.89 -0.23 0.00	44.21 -0.75 0.00	96.66 -1.48 0.00	95.47 -1.07 0.00	78.22 -0.81 0.00	121.62 0.11 0.00	122.57 -1.02 0.00	94.61 -1.18 0.00	87.58 -1.85 0.00	87.11 -2.40 0.00	67.63 -1.66 0.00	58.55 -1.73 0.00	62.35 -0.83 0.00	65.05 -0.36 0.00	68.48 -0.82 0.00	65.83 -1.11 0.00	58.07 -0.72 0.00	53.31 -0.50 0.00	51.92 0.08 0.00
CHERRYST_13_KV_LD 356241	38.97 1.40 0.00	40.27 1.39 0.00	38.79 1.32 0.00	40.71 1.32 0.00	35.47 1.26 0.00	36.61 1.48 0.00	47.14 2.18 0.00	103.19 5.05 0.00	100.61 4.07 0.00	82.21 3.19 0.00	126.63 5.12 0.00	128.82 5.23 0.00	99.84 4.05 0.00	92.91 3.49 0.00	93.15 3.64 0.00	72.23 2.94 0.00	63.12 2.84 0.00	66.08 2.91 0.00	68.31 2.90 0.00	72.38 3.09 0.00	69.91 2.97 0.00	61.52 2.73 0.00	56.23 2.43 0.00	54.13 2.29 0.00

CHESTROR_138KV_BK263 355645	38.35 0.78 0.00	39.68 0.80 0.00	38.24 0.77 0.00	40.16 0.77 0.00	34.96 0.75 0.00	36.02 0.90 0.00	46.30 1.34 0.00	101.22 3.08 0.00	98.86 2.32 0.00	80.72 1.70 0.00	124.39 2.88 0.00	126.51 2.93 0.00	98.11 2.32 0.00	91.43 2.00 0.00	91.68 2.17 0.00	71.04 1.76 0.00	62.09 1.81 0.00	65.03 1.86 0.00	67.30 1.90 0.00	71.36 2.06 0.00	68.94 2.00 0.00	60.68 1.88 0.00	55.43 1.63 0.00	53.33 1.50 0.00
CH_MIDHUDSON___DRP 24192	38.52 0.95 0.00	39.85 0.97 0.00	38.41 0.94 0.00	40.34 0.95 0.00	35.12 0.91 0.00	36.18 1.05 0.00	46.51 1.55 0.00	101.65 3.51 0.00	99.29 2.75 0.00	81.13 2.10 0.00	124.98 3.48 0.00	127.14 3.55 0.00	98.64 2.85 0.00	91.91 2.49 0.00	92.17 2.66 0.00	71.41 2.13 0.00	62.38 2.10 0.00	65.29 2.12 0.00	67.54 2.13 0.00	71.60 2.31 0.00	69.19 2.24 0.00	60.87 2.08 0.00	55.66 1.85 0.00	53.52 1.69 0.00
CH_MISC_IPPS 23765	38.75 1.18 0.00	40.08 1.20 0.00	38.62 1.14 0.00	40.56 1.17 0.00	35.30 1.09 0.00	36.40 1.28 0.00	46.82 1.85 0.00	102.33 4.19 0.00	99.96 3.42 0.00	81.66 2.64 0.00	125.86 4.35 0.00	128.01 4.43 0.00	99.32 3.54 0.00	92.55 3.13 0.00	92.79 3.28 0.00	71.94 2.65 0.00	62.86 2.58 0.00	65.83 2.66 0.00	68.10 2.70 0.00	72.19 2.90 0.00	69.74 2.80 0.00	61.34 2.55 0.00	56.08 2.27 0.00	53.91 2.07 0.00
CH_RES_BVR_FALLS 23983	37.87 0.30 0.00	39.16 0.28 0.00	37.74 0.26 0.00	39.67 0.28 0.00	34.39 0.18 0.00	35.31 0.18 0.00	45.17 0.20 0.00	98.61 0.47 0.00	97.16 0.62 0.00	79.61 0.59 0.00	122.22 0.71 0.00	124.32 0.74 0.00	96.37 0.58 0.00	89.97 0.54 0.00	89.95 0.44 0.00	69.63 0.34 0.00	60.55 0.28 0.00	63.47 0.29 0.00	65.74 0.33 0.00	69.68 0.38 0.00	67.34 0.40 0.00	59.12 0.32 0.00	54.10 0.30 0.00	52.17 0.33 0.00
CH_RES_NIAGARA 23895	36.22 -1.35 0.00	37.48 -1.41 0.00	36.13 -1.35 0.00	38.10 -1.29 0.00	32.97 -1.24 0.00	33.79 -1.34 0.00	42.29 -2.68 0.00	91.55 -6.59 0.00	90.84 -5.70 0.00	74.94 -4.08 0.00	115.93 -5.58 0.00	117.10 -6.49 0.00	90.48 -5.31 0.00	83.58 -5.84 0.00	83.17 -6.34 0.00	64.50 -4.79 0.00	55.84 -4.44 0.00	59.36 -3.81 0.00	61.82 -3.58 0.00	65.15 -4.14 0.00	63.04 -3.90 0.00	55.83 -2.97 0.00	51.72 -2.08 0.00	50.82 -1.01 0.00
CH_RES_SYRACUSE 23985	37.00 -0.57 0.00	38.29 -0.59 0.00	36.88 -0.59 0.00	38.77 -0.62 0.00	33.81 -0.41 0.00	34.72 -0.41 0.00	44.49 -0.48 0.00	97.14 -0.99 0.00	95.58 -0.96 0.00	78.25 -0.77 0.00	120.56 -0.95 0.00	122.48 -1.11 0.00	94.91 -0.88 0.00	88.41 -1.01 0.00	88.49 -1.02 0.00	68.56 -0.73 0.00	59.67 -0.62 0.00	62.71 -0.47 0.00	64.94 -0.47 0.00	68.65 -0.64 0.00	66.26 -0.69 0.00	58.23 -0.57 0.00	53.24 -0.56 0.00	51.31 -0.53 0.00
CLINTON_WT_PWR 323605	38.41 0.84 0.00	39.66 0.78 0.00	38.22 0.74 0.00	40.17 0.77 0.00	34.71 0.50 0.00	35.63 0.50 0.00	45.39 0.41 0.00	99.10 0.96 0.00	98.02 1.48 0.00	80.42 1.40 0.00	122.62 1.11 0.00	124.79 1.20 0.00	96.65 0.86 0.00	90.25 0.83 0.00	90.16 0.65 0.00	69.77 0.48 0.00	60.66 0.38 0.00	63.61 0.44 0.00	65.97 0.57 0.00	69.96 0.67 0.00	67.61 0.67 0.00	59.29 0.50 0.00	54.38 0.57 0.00	52.61 0.77 0.00
CLINTON___LFGE 323618	38.74 1.17 0.00	40.00 1.12 0.00	38.53 1.06 0.00	40.49 1.10 0.00	34.97 0.76 0.00	35.88 0.75 0.00	45.60 0.63 0.00	99.67 1.53 0.00	98.71 2.17 0.00	81.07 2.05 0.00	122.87 1.36 0.00	124.97 1.38 0.00	96.74 0.95 0.00	90.31 0.88 0.00	90.20 0.69 0.00	69.85 0.56 0.00	60.80 0.52 0.00	63.82 0.65 0.00	66.22 0.81 0.00	70.22 0.93 0.00	67.88 0.93 0.00	59.50 0.70 0.00	54.67 0.87 0.00	53.02 1.19 0.00
COBBLENY_34_KV_TB1 80064	37.15 -0.42 0.00	38.44 -0.44 0.00	37.07 -0.41 0.00	39.06 -0.33 0.00	33.83 -0.38 0.00	34.76 -0.36 0.00	43.86 -1.12 0.00	95.81 -2.33 0.00	94.92 -1.62 0.00	78.04 -0.98 0.00	121.01 -0.50 0.00	122.11 -1.48 0.00	94.32 -1.47 0.00	87.27 -2.16 0.00	86.76 -2.75 0.00	67.32 -1.97 0.00	58.35 -1.93 0.00	62.08 -1.10 0.00	64.73 -0.68 0.00	68.16 -1.14 0.00	65.76 -1.18 0.00	58.12 -0.67 0.00	53.51 -0.30 0.00	52.20 0.36 0.00
COFFEEN___115KV_TB3 355620	38.62 1.05 0.00	39.99 1.11 0.00	38.46 0.99 0.00	40.54 1.15 0.00	35.33 1.12 0.00	36.27 1.14 0.00	46.93 1.96 0.00	103.23 5.09 0.00	101.72 5.18 0.00	83.45 4.43 0.00	128.55 7.04 0.00	130.11 6.53 0.00	100.86 5.07 0.00	93.94 4.52 0.00	93.24 3.73 0.00	72.11 2.82 0.00	62.62 2.34 0.00	65.87 2.70 0.00	68.36 2.96 0.00	72.00 2.70 0.00	69.45 2.51 0.00	60.78 1.98 0.00	55.41 1.61 0.00	53.20 1.37 0.00
COLDSPRG_115KV_BK1 355956	37.83 0.25 0.00	39.13 0.24 0.00	37.78 0.31 0.00	39.77 0.37 0.00	34.47 0.26 0.00	35.61 0.48 0.00	45.26 0.29 0.00	99.15 1.02 0.00	97.81 1.27 0.00	80.09 1.07 0.00	124.53 3.02 0.00	125.44 1.86 0.00	96.79 1.00 0.00	89.73 0.30 0.00	89.15 -0.36 0.00	69.19 -0.09 0.00	59.98 -0.31 0.00	63.93 0.76 0.00	66.75 1.35 0.00	70.26 0.96 0.00	67.55 0.60 0.00	59.61 0.81 0.00	54.69 0.89 0.00	53.19 1.35 0.00
COLONIE_LFGE___ 323577	38.28 0.70 0.00	39.60 0.72 0.00	38.16 0.69 0.00	40.06 0.66 0.00	34.88 0.67 0.00	35.74 0.61 0.00	45.81 0.84 0.00	99.65 1.51 0.00	97.78 1.23 0.00	79.82 0.80 0.00	122.91 1.40 0.00	125.24 1.65 0.00	97.09 1.30 0.00	90.69 1.27 0.00	90.97 1.46 0.00	70.18 0.89 0.00	60.81 0.52 0.00	63.62 0.45 0.00	65.74 0.33 0.00	69.60 0.30 0.00	67.22 0.28 0.00	59.16 0.36 0.00	54.20 0.39 0.00	52.15 0.32 0.00
COOPERNY_115KV_TB1 80082	38.15 0.58 0.00	39.49 0.61 0.00	38.07 0.60 0.00	40.00 0.60 0.00	34.81 0.60 0.00	35.83 0.70 0.00	45.99 1.03 0.00	100.51 2.37 0.00	98.33 1.79 0.00	80.33 1.31 0.00	123.74 2.23 0.00	125.80 2.22 0.00	97.54 1.75 0.00	90.95 1.52 0.00	91.15 1.64 0.00	70.62 1.33 0.00	61.66 1.38 0.00	64.57 1.40 0.00	66.85 1.44 0.00	70.85 1.56 0.00	68.46 1.52 0.00	60.23 1.44 0.00	55.06 1.26 0.00	52.99 1.16 0.00
COPENHAGEN_WT_PWR 323753	38.26 0.69 0.00	39.61 0.73 0.00	38.11 0.64 0.00	40.15 0.76 0.00	34.99 0.77 0.00	35.90 0.77 0.00	46.37 1.40 0.00	101.87 3.73 0.00	100.37 3.83 0.00	82.35 3.33 0.00	126.86 5.35 0.00	128.47 4.89 0.00	99.56 3.77 0.00	92.75 3.33 0.00	92.13 2.62 0.00	71.23 1.95 0.00	61.88 1.59 0.00	65.05 1.87 0.00	67.46 2.05 0.00	71.12 1.82 0.00	68.62 1.68 0.00	60.12 1.33 0.00	54.87 1.07 0.00	52.72 0.89 0.00
CORNELL_____ 23752	37.90 0.32 0.00	39.21 0.33 0.00	37.78 0.30 0.00	39.70 0.30 0.00	34.58 0.37 0.00	35.58 0.45 0.00	45.67 0.71 0.00	99.86 1.72 0.00	98.24 1.70 0.00	80.44 1.42 0.00	123.84 2.33 0.00	125.70 2.12 0.00	97.35 1.57 0.00	90.61 1.19 0.00	90.68 1.17 0.00	70.28 1.00 0.00	61.23 0.94 0.00	64.44 1.26 0.00	66.85 1.45 0.00	70.74 1.45 0.00	68.14 1.20 0.00	59.89 1.10 0.00	54.75 0.95 0.00	52.74 0.90 0.00

CORONA V_69_KV_TB1 355595	38.91 1.34 0.00	40.28 1.40 0.00	38.79 1.32 0.00	40.74 1.35 0.00	35.50 1.28 0.00	36.50 1.38 0.00	46.94 1.97 0.00	102.70 4.56 0.00	99.79 3.25 0.00	81.61 2.59 0.00	125.76 4.25 0.00	132.45 4.71 -4.17	109.58 3.65 -10.14	100.02 3.25 -7.34	102.57 3.51 -9.55	72.80 2.69 -0.83	64.35 2.63 -1.43	65.80 2.63 0.00	68.13 2.71 -0.01	110.53 3.09 -38.14	69.92 2.96 -0.01	61.59 2.79 0.00	56.37 2.57 0.00	54.06 2.22 0.00
CORTLAND_115KV_TB3 80093	37.57 0.00 0.00	38.91 0.03 0.00	37.51 0.04 0.00	39.43 0.04 0.00	34.35 0.13 0.00	35.30 0.18 0.00	45.31 0.35 0.00	99.04 0.90 0.00	97.38 0.84 0.00	79.69 0.67 0.00	122.74 1.24 0.00	124.69 1.11 0.00	96.56 0.77 0.00	90.01 0.59 0.00	90.07 0.56 0.00	69.79 0.50 0.00	60.79 0.51 0.00	63.82 0.65 0.00	66.15 0.74 0.00	70.00 0.70 0.00	67.53 0.58 0.00	59.33 0.53 0.00	54.23 0.43 0.00	52.22 0.39 0.00
COXSACKIE___GT 23611	38.97 1.40 0.00	40.32 1.44 0.00	38.85 1.38 0.00	40.83 1.44 0.00	35.58 1.37 0.00	36.54 1.42 0.00	46.89 1.93 0.00	102.57 4.43 0.00	100.75 4.21 0.00	82.25 3.22 0.00	126.49 4.97 0.00	128.64 5.06 0.00	100.24 4.45 0.00	94.00 4.57 0.00	94.34 4.84 0.00	73.08 3.79 0.00	63.51 3.23 0.00	66.61 3.43 0.00	68.75 3.35 0.00	72.53 3.23 0.00	70.00 3.06 0.00	61.46 2.67 0.00	56.09 2.29 0.00	53.84 2.00 0.00
CPV_VALLEY___CC1 323721	38.26 0.69 0.00	39.58 0.69 0.00	38.16 0.68 0.00	40.08 0.68 0.00	34.88 0.67 0.00	35.93 0.81 0.00	46.17 1.21 0.00	100.92 2.78 0.00	98.60 2.07 0.00	80.53 1.51 0.00	124.03 2.52 0.00	126.13 2.55 0.00	97.80 2.01 0.00	91.17 1.75 0.00	91.38 1.87 0.00	70.82 1.53 0.00	61.87 1.59 0.00	64.78 1.61 0.00	67.05 1.65 0.00	71.08 1.78 0.00	68.68 1.73 0.00	60.44 1.64 0.00	55.24 1.43 0.00	53.16 1.32 0.00
CPV_VALLEY___CC2 323722	38.26 0.69 0.00	39.58 0.69 0.00	38.16 0.68 0.00	40.08 0.68 0.00	34.88 0.67 0.00	35.93 0.81 0.00	46.17 1.21 0.00	100.92 2.78 0.00	98.60 2.07 0.00	80.53 1.51 0.00	124.03 2.52 0.00	126.13 2.55 0.00	97.80 2.01 0.00	91.17 1.75 0.00	91.38 1.87 0.00	70.82 1.53 0.00	61.87 1.59 0.00	64.78 1.61 0.00	67.05 1.65 0.00	71.08 1.78 0.00	68.68 1.73 0.00	60.44 1.64 0.00	55.24 1.43 0.00	53.16 1.32 0.00
CRESCENT___HYD 24018	38.28 0.70 0.00	39.60 0.72 0.00	38.16 0.69 0.00	40.06 0.66 0.00	34.88 0.67 0.00	35.74 0.61 0.00	45.81 0.84 0.00	99.65 1.51 0.00	97.78 1.23 0.00	79.82 0.80 0.00	122.91 1.40 0.00	125.24 1.65 0.00	97.09 1.30 0.00	90.69 1.27 0.00	90.97 1.46 0.00	70.18 0.89 0.00	60.81 0.52 0.00	63.62 0.45 0.00	65.74 0.33 0.00	69.60 0.30 0.00	67.22 0.28 0.00	59.16 0.36 0.00	54.20 0.39 0.00	52.15 0.32 0.00
CRICKET___VALLEY_CC1 323756	38.03 0.45 0.00	39.34 0.46 0.00	37.91 0.44 0.00	39.82 0.42 0.00	34.68 0.46 0.00	35.71 0.58 0.00	45.89 0.92 0.00	100.21 2.07 0.00	97.85 1.31 0.00	79.93 0.91 0.00	123.07 1.56 0.00	125.22 1.64 0.00	97.12 1.32 0.00	90.52 1.10 0.00	90.76 1.25 0.00	70.33 1.05 0.00	61.42 1.14 0.00	64.25 1.07 0.00	66.45 1.04 0.00	70.47 1.17 0.00	68.08 1.14 0.00	59.95 1.16 0.00	54.84 1.04 0.00	52.76 0.92 0.00
CRICKET___VALLEY_CC2 323757	38.03 0.45 0.00	39.34 0.46 0.00	37.91 0.44 0.00	39.82 0.42 0.00	34.68 0.46 0.00	35.71 0.58 0.00	45.89 0.92 0.00	100.21 2.07 0.00	97.85 1.31 0.00	79.93 0.91 0.00	123.07 1.56 0.00	125.22 1.64 0.00	97.12 1.32 0.00	90.52 1.10 0.00	90.76 1.25 0.00	70.33 1.05 0.00	61.42 1.14 0.00	64.25 1.07 0.00	66.45 1.04 0.00	70.47 1.17 0.00	68.08 1.14 0.00	59.95 1.16 0.00	54.84 1.04 0.00	52.76 0.92 0.00
CRICKET___VALLEY_CC3 323758	38.03 0.45 0.00	39.34 0.46 0.00	37.91 0.44 0.00	39.82 0.42 0.00	34.68 0.46 0.00	35.71 0.58 0.00	45.89 0.92 0.00	100.21 2.07 0.00	97.85 1.31 0.00	79.93 0.91 0.00	123.07 1.56 0.00	125.22 1.64 0.00	97.12 1.32 0.00	90.52 1.10 0.00	90.76 1.25 0.00	70.33 1.05 0.00	61.42 1.14 0.00	64.25 1.07 0.00	66.45 1.04 0.00	70.47 1.17 0.00	68.08 1.14 0.00	59.95 1.16 0.00	54.84 1.04 0.00	52.76 0.92 0.00
CRUCIBLE_METL_DRP 24180	36.99 -0.58 0.00	38.29 -0.59 0.00	36.88 -0.59 0.00	38.77 -0.62 0.00	33.80 -0.41 0.00	34.71 -0.41 0.00	44.49 -0.48 0.00	97.14 -1.00 0.00	95.58 -0.96 0.00	78.25 -0.77 0.00	120.56 -0.95 0.00	122.48 -1.11 0.00	94.91 -0.88 0.00	88.41 -1.02 0.00	88.49 -1.02 0.00	68.56 -0.73 0.00	59.67 -0.62 0.00	62.71 -0.47 0.00	64.94 -0.47 0.00	68.66 -0.64 0.00	66.26 -0.69 0.00	58.23 -0.57 0.00	53.25 -0.56 0.00	51.31 -0.53 0.00
DAHOWA___HYDRO 323763	39.23 1.66 0.00	40.54 1.66 0.00	39.05 1.57 0.00	40.95 1.56 0.00	35.58 1.37 0.00	36.45 1.32 0.00	46.83 1.87 0.00	101.78 3.64 0.00	99.86 3.32 0.00	81.50 2.48 0.00	125.54 4.03 0.00	128.18 4.60 0.00	99.24 3.45 0.00	92.80 3.38 0.00	93.09 3.58 0.00	71.89 2.60 0.00	62.22 1.93 0.00	65.20 2.03 0.00	67.33 1.93 0.00	71.22 1.92 0.00	68.69 1.74 0.00	60.48 1.69 0.00	55.45 1.64 0.00	53.23 1.40 0.00
DANC___LFGE 323619	37.54 -0.03 0.00	38.86 -0.02 0.00	37.39 -0.09 0.00	39.36 -0.03 0.00	34.30 0.08 0.00	35.16 0.04 0.00	45.28 0.31 0.00	99.24 1.10 0.00	97.73 1.20 0.00	80.21 1.20 0.00	123.65 2.15 0.00	125.43 1.85 0.00	97.20 1.41 0.00	90.58 1.15 0.00	90.06 0.55 0.00	69.69 0.41 0.00	60.55 0.27 0.00	63.63 0.45 0.00	65.95 0.54 0.00	69.62 0.32 0.00	67.19 0.25 0.00	58.91 0.12 0.00	53.84 0.04 0.00	51.82 -0.02 0.00
DANSKAMMER___1 23586	38.75 1.18 0.00	40.08 1.20 0.00	38.62 1.14 0.00	40.56 1.17 0.00	35.30 1.09 0.00	36.40 1.28 0.00	46.82 1.85 0.00	102.33 4.19 0.00	99.96 3.42 0.00	81.66 2.64 0.00	125.86 4.35 0.00	128.01 4.43 0.00	99.32 3.54 0.00	92.55 3.13 0.00	92.79 3.28 0.00	71.94 2.65 0.00	62.86 2.58 0.00	65.83 2.66 0.00	68.10 2.70 0.00	72.19 2.90 0.00	69.74 2.80 0.00	61.34 2.55 0.00	56.08 2.27 0.00	53.91 2.07 0.00
DANSKAMMER___2 23589	38.75 1.18 0.00	40.08 1.20 0.00	38.62 1.14 0.00	40.56 1.17 0.00	35.30 1.09 0.00	36.40 1.28 0.00	46.82 1.85 0.00	102.33 4.19 0.00	99.96 3.42 0.00	81.66 2.64 0.00	125.86 4.35 0.00	128.01 4.43 0.00	99.32 3.54 0.00	92.55 3.13 0.00	92.79 3.28 0.00	71.94 2.65 0.00	62.86 2.58 0.00	65.83 2.66 0.00	68.10 2.70 0.00	72.19 2.90 0.00	69.74 2.80 0.00	61.34 2.55 0.00	56.08 2.27 0.00	53.91 2.07 0.00
DANSKAMMER___3 23590	38.75 1.18 0.00	40.08 1.20 0.00	38.62 1.14 0.00	40.56 1.17 0.00	35.30 1.09 0.00	36.40 1.28 0.00	46.82 1.85 0.00	102.33 4.19 0.00	99.96 3.42 0.00	81.66 2.64 0.00	125.86 4.35 0.00	128.01 4.43 0.00	99.32 3.54 0.00	92.55 3.13 0.00	92.79 3.28 0.00	71.94 2.65 0.00	62.86 2.58 0.00	65.83 2.66 0.00	68.10 2.70 0.00	72.19 2.90 0.00	69.74 2.80 0.00	61.34 2.55 0.00	56.08 2.27 0.00	53.91 2.07 0.00

DANSKAMMER___4 23591	38.75 1.18 0.00	40.08 1.20 0.00	38.62 1.14 0.00	40.56 1.17 0.00	35.30 1.09 0.00	36.40 1.28 0.00	46.82 1.85 0.00	102.33 4.19 0.00	99.96 3.42 0.00	81.66 2.64 0.00	125.86 4.35 0.00	128.01 4.43 0.00	99.32 3.54 0.00	92.55 3.13 0.00	92.79 3.28 0.00	71.94 2.65 0.00	62.86 2.58 0.00	65.83 2.66 0.00	68.10 2.70 0.00	72.19 2.90 0.00	69.74 2.80 0.00	61.34 2.55 0.00	56.08 2.27 0.00	53.91 2.07 0.00
DANSKAMMER___DIESEL 23592	38.75 1.18 0.00	40.08 1.20 0.00	38.62 1.15 0.00	40.56 1.17 0.00	35.30 1.09 0.00	36.41 1.28 0.00	46.81 1.85 0.00	102.34 4.20 0.00	99.96 3.42 0.00	81.66 2.64 0.00	125.86 4.36 0.00	128.02 4.44 0.00	99.32 3.53 0.00	92.55 3.12 0.00	92.79 3.28 0.00	71.94 2.65 0.00	62.86 2.58 0.00	65.83 2.66 0.00	68.10 2.70 0.00	72.19 2.90 0.00	69.74 2.80 0.00	61.34 2.55 0.00	56.08 2.27 0.00	53.91 2.07 0.00
DARBY___SOLAR 323810	39.06 1.48 0.00	40.37 1.49 0.00	38.89 1.41 0.00	40.79 1.40 0.00	35.46 1.24 0.00	36.32 1.20 0.00	46.62 1.66 0.00	101.36 3.22 0.00	99.43 2.89 0.00	81.16 2.14 0.00	125.03 3.53 0.00	127.59 4.00 0.00	98.82 3.04 0.00	92.38 2.95 0.00	92.72 3.21 0.00	71.57 2.29 0.00	61.97 1.68 0.00	64.90 1.73 0.00	67.06 1.65 0.00	70.91 1.62 0.00	68.44 1.49 0.00	60.25 1.46 0.00	55.23 1.42 0.00	53.07 1.23 0.00
DASHVILLE___HYD 23610	38.30 0.73 0.00	39.63 0.75 0.00	38.19 0.72 0.00	40.13 0.73 0.00	34.96 0.75 0.00	35.98 0.85 0.00	46.24 1.28 0.00	101.06 2.92 0.00	98.80 2.26 0.00	80.69 1.67 0.00	124.29 2.78 0.00	126.41 2.82 0.00	98.10 2.31 0.00	91.48 2.05 0.00	91.71 2.20 0.00	71.09 1.80 0.00	62.09 1.81 0.00	64.96 1.79 0.00	67.19 1.79 0.00	71.25 1.95 0.00	68.88 1.93 0.00	60.61 1.81 0.00	55.38 1.58 0.00	53.25 1.41 0.00
DELAWARE___LFGE 323621	38.06 0.49 0.00	39.44 0.55 0.00	38.01 0.53 0.00	39.99 0.59 0.00	34.79 0.58 0.00	35.78 0.65 0.00	45.83 0.86 0.00	100.15 2.01 0.00	98.29 1.76 0.00	80.44 1.42 0.00	123.93 2.42 0.00	125.89 2.31 0.00	97.57 1.78 0.00	90.94 1.51 0.00	91.12 1.61 0.00	70.57 1.28 0.00	61.52 1.24 0.00	64.36 1.19 0.00	66.66 1.25 0.00	70.66 1.37 0.00	68.23 1.29 0.00	60.00 1.20 0.00	54.90 1.09 0.00	52.81 0.97 0.00
DERFIELD_115KV_TB7 355931	37.56 -0.01 0.00	38.88 0.00 0.00	37.47 0.00 0.00	39.39 0.00 0.00	34.26 0.05 0.00	35.16 0.04 0.00	45.06 0.09 0.00	98.33 0.19 0.00	96.61 0.07 0.00	79.03 0.01 0.00	121.63 0.12 0.00	123.71 0.12 0.00	95.88 0.09 0.00	89.50 0.08 0.00	89.64 0.13 0.00	69.38 0.09 0.00	60.37 0.08 0.00	63.21 0.04 0.00	65.41 0.00 0.00	69.29 0.00 0.00	66.97 0.02 0.00	58.85 0.06 0.00	53.86 0.06 0.00	51.86 0.02 0.00
DOGLEVILLE___HYD 23807	39.79 2.22 0.00	41.09 2.21 0.00	39.58 2.11 0.00	41.57 2.18 0.00	36.27 2.06 0.00	37.30 2.17 0.00	47.90 2.93 0.00	104.36 6.22 0.00	101.88 5.34 0.00	83.13 4.11 0.00	128.41 6.90 0.00	130.80 7.22 0.00	101.52 5.73 0.00	95.28 5.85 0.00	95.68 6.17 0.00	73.99 4.70 0.00	64.19 3.91 0.00	67.73 4.56 0.00	70.00 4.60 0.00	73.82 4.53 0.00	71.23 4.28 0.00	62.78 3.99 0.00	57.52 3.71 0.00	55.21 3.38 0.00
DUNKIRK___115KV_TB_200 55889	37.12 -0.45 0.00	38.41 -0.47 0.00	37.08 -0.39 0.00	39.01 -0.38 0.00	33.79 -0.43 0.00	34.82 -0.31 0.00	44.12 -0.85 0.00	96.47 -1.67 0.00	95.24 -1.30 0.00	78.03 -0.99 0.00	121.33 -0.18 0.00	122.28 -1.31 0.00	94.37 -1.42 0.00	87.43 -2.00 0.00	86.88 -2.63 0.00	67.48 -1.81 0.00	58.41 -1.87 0.00	62.20 -0.98 0.00	64.91 -0.50 0.00	68.35 -0.95 0.00	65.74 -1.20 0.00	58.00 -0.80 0.00	53.26 -0.54 0.00	51.87 0.03 0.00
DUNKIRK___1 23563	37.12 -0.45 0.00	38.41 -0.47 0.00	37.08 -0.39 0.00	39.01 -0.38 0.00	33.79 -0.43 0.00	34.82 -0.31 0.00	44.12 -0.85 0.00	96.47 -1.67 0.00	95.24 -1.30 0.00	78.03 -0.99 0.00	121.33 -0.18 0.00	122.28 -1.31 0.00	94.37 -1.42 0.00	87.43 -2.00 0.00	86.88 -2.63 0.00	67.48 -1.81 0.00	58.41 -1.87 0.00	62.20 -0.98 0.00	64.91 -0.50 0.00	68.35 -0.95 0.00	65.74 -1.20 0.00	58.00 -0.80 0.00	53.26 -0.54 0.00	51.87 0.03 0.00
DUNKIRK___2 23564	37.12 -0.45 0.00	38.41 -0.47 0.00	37.08 -0.39 0.00	39.01 -0.38 0.00	33.79 -0.43 0.00	34.82 -0.31 0.00	44.12 -0.85 0.00	96.47 -1.67 0.00	95.24 -1.30 0.00	78.03 -0.99 0.00	121.33 -0.18 0.00	122.28 -1.31 0.00	94.37 -1.42 0.00	87.43 -2.00 0.00	86.88 -2.63 0.00	67.48 -1.81 0.00	58.41 -1.87 0.00	62.20 -0.98 0.00	64.91 -0.50 0.00	68.35 -0.95 0.00	65.74 -1.20 0.00	58.00 -0.80 0.00	53.26 -0.54 0.00	51.87 0.03 0.00
DUNKIRK___3 23565	36.97 -0.61 0.00	38.25 -0.63 0.00	36.92 -0.55 0.00	38.86 -0.53 0.00	33.65 -0.56 0.00	34.66 -0.47 0.00	43.85 -1.12 0.00	95.80 -2.34 0.00	94.62 -1.92 0.00	77.56 -1.46 0.00	120.49 -1.02 0.00	121.47 -2.12 0.00	93.78 -2.01 0.00	86.83 -2.60 0.00	86.32 -3.19 0.00	67.03 -2.25 0.00	58.05 -2.23 0.00	61.78 -1.39 0.00	64.47 -0.93 0.00	67.90 -1.39 0.00	65.38 -1.56 0.00	57.74 -1.06 0.00	53.09 -0.72 0.00	51.73 -0.10 0.00
DUNKIRK___4 23566	36.97 -0.61 0.00	38.25 -0.63 0.00	36.92 -0.55 0.00	38.86 -0.53 0.00	33.65 -0.56 0.00	34.66 -0.47 0.00	43.85 -1.12 0.00	95.80 -2.34 0.00	94.62 -1.92 0.00	77.56 -1.46 0.00	120.49 -1.02 0.00	121.47 -2.12 0.00	93.78 -2.01 0.00	86.83 -2.60 0.00	86.32 -3.19 0.00	67.03 -2.25 0.00	58.05 -2.23 0.00	61.78 -1.39 0.00	64.47 -0.93 0.00	67.90 -1.39 0.00	65.38 -1.56 0.00	57.74 -1.06 0.00	53.09 -0.72 0.00	51.73 -0.10 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.66 1.09 0.00	39.99 1.11 0.00	38.53 1.06 0.00	40.44 1.05 0.00	35.24 1.02 0.00	36.34 1.22 0.00	46.76 1.79 0.00	102.23 4.09 0.00	99.70 3.16 0.00	81.44 2.42 0.00	125.45 3.94 0.00	127.62 4.04 0.00	98.96 3.17 0.00	92.19 2.76 0.00	92.44 2.94 0.00	71.64 2.35 0.00	62.61 2.33 0.00	65.55 2.37 0.00	67.78 2.38 0.00	71.88 2.58 0.00	69.46 2.51 0.00	61.14 2.34 0.00	55.90 2.09 0.00	53.77 1.93 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.54 0.97 0.00	39.87 0.99 0.00	38.42 0.95 0.00	40.35 0.96 0.00	35.13 0.92 0.00	36.21 1.08 0.00	46.56 1.59 0.00	101.80 3.67 0.00	99.43 2.89 0.00	81.19 2.17 0.00	125.13 3.62 0.00	127.26 3.68 0.00	98.70 2.91 0.00	91.98 2.56 0.00	92.22 2.71 0.00	71.48 2.19 0.00	62.48 2.20 0.00	65.45 2.27 0.00	67.72 2.31 0.00	71.79 2.50 0.00	69.35 2.40 0.00	61.03 2.24 0.00	55.76 1.96 0.00	53.63 1.79 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	38.89 1.32 0.00	40.18 1.30 0.00	38.72 1.25 0.00	40.64 1.25 0.00	35.40 1.18 0.00	36.47 1.34 0.00	46.84 1.87 0.00	102.45 4.31 0.00	99.93 3.39 0.00	81.55 2.53 0.00	125.73 4.23 0.00	127.93 4.35 0.00	99.12 3.33 0.00	92.27 2.85 0.00	92.60 3.09 0.00	71.94 2.65 0.00	62.77 2.49 0.00	65.69 2.52 0.00	67.96 2.55 0.00	72.06 2.76 0.00	69.69 2.74 0.00	61.34 2.55 0.00	56.13 2.32 0.00	54.05 2.22 0.00

E179THST_13_KV_LOAD 356214	39.04 1.47 0.00	40.33 1.45 0.00	38.86 1.39 0.00	40.77 1.38 0.00	35.52 1.31 0.00	36.60 1.48 0.00	47.02 2.05 0.00	102.90 4.76 0.00	100.41 3.87 0.00	81.93 2.91 0.00	126.33 4.82 0.00	128.55 4.97 0.00	99.60 3.81 0.00	92.71 3.28 0.00	93.04 3.54 0.00	72.29 3.00 0.00	63.06 2.79 0.00	66.02 2.85 0.00	68.29 2.89 0.00	72.43 3.13 0.00	70.04 3.09 0.00	61.63 2.83 0.00	56.38 2.58 0.00	54.29 2.46 0.00
EAST HAMPTON___GT 23717	38.60 1.03 0.00	40.73 1.85 0.00	39.56 2.09 0.00	41.80 2.40 0.00	36.63 2.42 0.00	37.71 2.58 0.00	58.27 3.58 -9.72	133.77 8.67 -26.96	129.21 6.71 -25.96	103.69 5.68 -18.99	150.16 9.11 -19.54	159.44 9.40 -26.45	122.36 7.43 -19.14	110.64 6.15 -15.06	115.04 7.40 -18.13	92.47 5.25 -17.93	79.90 3.77 -15.85	77.55 1.76 -12.62	76.24 0.22 -10.62	107.10 1.16 -36.64	78.58 0.66 -10.98	68.34 0.77 -8.78	56.23 0.67 -1.76	53.06 0.25 -0.98
EAST RIVER___6 23660	38.86 1.29 0.00	40.16 1.28 0.00	38.68 1.21 0.00	40.58 1.19 0.00	35.36 1.15 0.00	36.50 1.37 0.00	47.05 2.08 0.00	103.13 4.99 0.00	100.57 4.03 0.00	82.20 3.18 0.00	126.57 5.06 0.00	128.76 5.18 0.00	99.75 3.96 0.00	92.74 3.32 0.00	92.94 3.43 0.00	72.08 2.79 0.00	62.98 2.70 0.00	65.92 2.75 0.00	68.14 2.73 0.00	72.20 2.90 0.00	69.72 2.78 0.00	61.35 2.56 0.00	56.07 2.26 0.00	53.97 2.14 0.00
EAST RIVER___7 23524	38.86 1.29 0.00	40.16 1.28 0.00	38.68 1.21 0.00	40.58 1.19 0.00	35.36 1.15 0.00	36.50 1.37 0.00	47.05 2.08 0.00	103.13 4.99 0.00	100.57 4.03 0.00	82.20 3.18 0.00	126.57 5.06 0.00	128.76 5.18 0.00	99.75 3.96 0.00	92.74 3.32 0.00	92.94 3.43 0.00	72.08 2.79 0.00	62.98 2.70 0.00	65.92 2.75 0.00	68.14 2.73 0.00	72.20 2.90 0.00	69.72 2.78 0.00	61.35 2.56 0.00	56.07 2.26 0.00	53.97 2.14 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.55 0.98 0.00	39.87 0.99 0.00	38.43 0.96 0.00	40.35 0.96 0.00	35.14 0.92 0.00	36.24 1.11 0.00	46.62 1.65 0.00	101.96 3.82 0.00	99.42 2.88 0.00	81.20 2.18 0.00	125.09 3.58 0.00	127.20 3.62 0.00	98.66 2.87 0.00	91.93 2.50 0.00	92.16 2.66 0.00	71.43 2.14 0.00	62.44 2.15 0.00	65.37 2.20 0.00	67.62 2.22 0.00	71.70 2.40 0.00	69.25 2.31 0.00	60.96 2.17 0.00	55.72 1.91 0.00	53.60 1.76 0.00
EAST_HAMPTON___DIESEL 23722	38.53 0.95 0.00	40.69 1.81 0.00	39.55 2.07 0.00	41.81 2.41 0.00	36.64 2.42 0.00	37.72 2.59 0.00	58.28 3.58 -9.72	133.78 8.68 -26.96	129.24 6.74 -25.96	103.71 5.70 -18.99	150.18 9.12 -19.54	159.44 9.40 -26.45	122.35 7.41 -19.14	110.60 6.11 -15.06	115.05 7.41 -18.13	92.46 5.24 -17.93	79.85 3.71 -15.85	77.40 1.61 -12.62	76.03 0.01 -10.62	106.86 0.92 -36.64	78.36 0.44 -10.98	68.13 0.55 -8.78	56.03 0.47 -1.76	52.87 0.05 -0.98
EAST_POINT___SOLAR 323840	38.31 0.74 0.00	39.57 0.68 0.00	38.09 0.62 0.00	40.10 0.70 0.00	34.93 0.72 0.00	35.98 0.85 0.00	46.15 1.18 0.00	101.01 2.88 0.00	98.93 2.40 0.00	80.94 1.92 0.00	124.84 3.34 0.00	126.96 3.38 0.00	98.52 2.73 0.00	92.44 3.01 0.00	93.02 3.51 0.00	71.96 2.67 0.00	62.68 2.40 0.00	65.63 2.46 0.00	67.83 2.43 0.00	71.80 2.51 0.00	69.16 2.22 0.00	60.57 1.77 0.00	55.52 1.72 0.00	53.35 1.51 0.00
EAST_PULASKI___ESR 323781	36.81 -0.76 0.00	38.10 -0.78 0.00	36.65 -0.82 0.00	38.58 -0.81 0.00	33.61 -0.60 0.00	34.46 -0.67 0.00	44.23 -0.74 0.00	96.72 -1.42 0.00	95.21 -1.33 0.00	78.13 -0.89 0.00	120.47 -1.04 0.00	122.39 -1.19 0.00	94.84 -0.95 0.00	88.41 -1.01 0.00	88.12 -1.39 0.00	68.23 -1.06 0.00	59.30 -0.99 0.00	62.29 -0.88 0.00	64.53 -0.88 0.00	68.19 -1.10 0.00	65.84 -1.10 0.00	57.78 -1.01 0.00	52.88 -0.92 0.00	50.94 -0.90 0.00
EAST_RIVER___1 323558	38.89 1.32 0.00	40.19 1.31 0.00	38.72 1.25 0.00	40.63 1.24 0.00	35.40 1.19 0.00	36.52 1.40 0.00	47.02 2.05 0.00	102.89 4.76 0.00	100.29 3.75 0.00	81.94 2.92 0.00	126.18 4.67 0.00	128.36 4.78 0.00	99.50 3.71 0.00	92.62 3.20 0.00	92.83 3.32 0.00	72.00 2.71 0.00	62.91 2.63 0.00	65.86 2.68 0.00	68.09 2.69 0.00	72.18 2.89 0.00	69.72 2.78 0.00	61.37 2.58 0.00	56.09 2.28 0.00	54.00 2.16 0.00
EAST_RIVER___2 323559	38.86 1.29 0.00	40.16 1.28 0.00	38.68 1.21 0.00	40.58 1.19 0.00	35.36 1.15 0.00	36.50 1.37 0.00	47.05 2.08 0.00	103.13 4.99 0.00	100.57 4.03 0.00	82.20 3.18 0.00	126.57 5.06 0.00	128.76 5.18 0.00	99.75 3.96 0.00	92.74 3.32 0.00	92.94 3.43 0.00	72.08 2.79 0.00	62.98 2.70 0.00	65.92 2.75 0.00	68.14 2.73 0.00	72.20 2.90 0.00	69.72 2.78 0.00	61.35 2.56 0.00	56.07 2.26 0.00	53.97 2.14 0.00
EAST___DELAWARE_HYD 23607	37.80 0.23 0.00	39.10 0.21 0.00	37.67 0.20 0.00	39.57 0.17 0.00	34.46 0.24 0.00	35.50 0.37 0.00	45.72 0.75 0.00	100.02 1.88 0.00	97.79 1.25 0.00	79.89 0.87 0.00	122.78 1.27 0.00	125.03 1.45 0.00	97.03 1.24 0.00	90.49 1.06 0.00	90.69 1.18 0.00	70.34 1.05 0.00	61.51 1.23 0.00	64.48 1.31 0.00	66.72 1.31 0.00	70.69 1.39 0.00	68.32 1.38 0.00	60.05 1.25 0.00	54.82 1.01 0.00	52.66 0.83 0.00
EIGHT_POINT___WT_PWR 323820	37.28 -0.29 0.00	38.61 -0.27 0.00	37.20 -0.27 0.00	39.04 -0.35 0.00	33.81 -0.40 0.00	34.96 -0.17 0.00	44.48 -0.48 0.00	97.24 -0.90 0.00	96.15 -0.39 0.00	78.63 -0.39 0.00	121.87 0.36 0.00	122.65 -0.93 0.00	94.61 -1.18 0.00	87.27 -2.16 0.00	86.32 -3.19 0.00	67.03 -2.26 0.00	58.27 -2.01 0.00	61.95 -1.23 0.00	64.47 -0.93 0.00	68.07 -1.23 0.00	65.50 -1.45 0.00	57.88 -0.92 0.00	53.12 -0.68 0.00	51.77 -0.06 0.00
ELBRIDGE_115KV_TB2 80188	36.82 -0.75 0.00	38.12 -0.76 0.00	36.69 -0.79 0.00	38.56 -0.83 0.00	33.65 -0.56 0.00	34.55 -0.58 0.00	44.27 -0.70 0.00	96.67 -1.47 0.00	95.09 -1.45 0.00	77.84 -1.18 0.00	119.92 -1.59 0.00	121.83 -1.75 0.00	94.40 -1.39 0.00	87.88 -1.55 0.00	87.98 -1.53 0.00	68.17 -1.12 0.00	59.35 -0.94 0.00	62.34 -0.83 0.00	64.59 -0.81 0.00	68.25 -1.05 0.00	65.86 -1.09 0.00	57.92 -0.87 0.00	52.95 -0.85 0.00	51.06 -0.77 0.00
ELEC_TRO_TEK 24086	38.79 1.22 0.00	40.16 1.28 0.00	38.69 1.21 0.00	40.63 1.24 0.00	35.41 1.19 0.00	36.41 1.28 0.00	46.86 1.89 0.00	102.65 4.51 0.00	99.89 3.36 0.00	81.67 2.65 0.00	125.83 4.32 0.00	132.51 4.70 -4.24	109.75 3.64 -10.31	100.12 3.23 -7.46	102.69 3.47 -9.71	72.81 2.68 -0.84	64.27 2.57 -1.42	65.58 2.40 0.00	67.89 2.47 -0.01	109.84 2.87 -37.68	69.66 2.71 -0.01	61.36 2.57 0.00	56.15 2.34 0.00	53.85 2.02 0.00
ELLENBURG_WT_PWR 323604	38.41 0.84 0.00	39.66 0.78 0.00	38.22 0.74 0.00	40.17 0.77 0.00	34.71 0.50 0.00	35.63 0.50 0.00	45.39 0.41 0.00	99.10 0.96 0.00	98.02 1.48 0.00	80.42 1.40 0.00	122.62 1.11 0.00	124.79 1.20 0.00	96.65 0.86 0.00	90.25 0.83 0.00	90.16 0.65 0.00	69.77 0.48 0.00	60.66 0.38 0.00	63.61 0.44 0.00	65.97 0.57 0.00	69.96 0.67 0.00	67.61 0.67 0.00	59.29 0.50 0.00	54.38 0.57 0.00	52.61 0.77 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.92 -0.66 0.00	38.19 -0.68 0.00	36.83 -0.64 0.00	38.81 -0.58 0.00	33.60 -0.61 0.00	34.51 -0.62 0.00	43.44 -1.53 0.00	94.69 -3.45 0.00	93.84 -2.70 0.00	77.22 -1.80 0.00	119.64 -1.87 0.00	120.76 -2.82 0.00	93.29 -2.50 0.00	86.26 -3.16 0.00	85.81 -3.71 0.00	66.55 -2.73 0.00	57.64 -2.64 0.00	61.31 -1.86 0.00	63.89 -1.51 0.00	67.31 -1.99 0.00	64.98 -1.96 0.00	57.46 -1.34 0.00	52.97 -0.84 0.00	51.77 -0.07 0.00
EMPIRE_CC_1 323656	37.74 0.16 0.00	39.06 0.18 0.00	37.69 0.22 0.00	39.55 0.16 0.00	34.47 0.25 0.00	35.28 0.15 0.00	45.06 0.09 0.00	97.97 -0.17 0.00	96.11 -0.43 0.00	78.47 -0.56 0.00	120.63 -0.88 0.00	122.84 -0.74 0.00	95.29 -0.50 0.00	89.02 -0.40 0.00	89.43 -0.08 0.00	69.01 -0.27 0.00	59.77 -0.51 0.00	62.41 -0.76 0.00	64.48 -0.93 0.00	68.24 -1.05 0.00	66.02 -0.93 0.00	58.19 -0.61 0.00	53.33 -0.48 0.00	51.38 -0.46 0.00
EMPIRE_CC_2 323658	37.74 0.16 0.00	39.06 0.18 0.00	37.69 0.22 0.00	39.55 0.16 0.00	34.47 0.25 0.00	35.28 0.15 0.00	45.06 0.09 0.00	97.97 -0.17 0.00	96.11 -0.43 0.00	78.47 -0.56 0.00	120.63 -0.88 0.00	122.84 -0.74 0.00	95.29 -0.50 0.00	89.02 -0.40 0.00	89.43 -0.08 0.00	69.01 -0.27 0.00	59.77 -0.51 0.00	62.41 -0.76 0.00	64.48 -0.93 0.00	68.24 -1.05 0.00	66.02 -0.93 0.00	58.19 -0.61 0.00	53.33 -0.48 0.00	51.38 -0.46 0.00
ENORWICH_115KV_TB1 80156	39.43 1.85 0.00	40.71 1.83 0.00	39.27 1.79 0.00	41.03 1.64 0.00	35.60 1.39 0.00	36.60 1.47 0.00	47.48 2.51 0.00	104.17 6.04 0.00	102.71 6.17 0.00	84.23 5.21 0.00	129.62 8.11 0.00	131.73 8.14 0.00	101.39 5.60 0.00	93.72 4.30 0.00	93.79 4.28 0.00	72.39 3.10 0.00	63.16 2.88 0.00	66.33 3.16 0.00	68.98 3.57 0.00	73.48 4.18 0.00	70.44 3.49 0.00	62.00 3.21 0.00	56.58 2.78 0.00	54.10 2.26 0.00
ERIE_ST__34_KV_TB1-2 80199	37.08 -0.49 0.00	38.36 -0.52 0.00	37.00 -0.48 0.00	38.96 -0.43 0.00	33.75 -0.46 0.00	34.70 -0.42 0.00	43.80 -1.17 0.00	95.74 -2.40 0.00	94.76 -1.78 0.00	77.95 -1.07 0.00	120.94 -0.57 0.00	121.96 -1.62 0.00	94.25 -1.54 0.00	87.11 -2.31 0.00	86.66 -2.85 0.00	67.24 -2.05 0.00	58.32 -1.96 0.00	62.00 -1.17 0.00	64.66 -0.74 0.00	68.11 -1.19 0.00	65.68 -1.26 0.00	58.07 -0.72 0.00	53.46 -0.35 0.00	52.14 0.31 0.00
ERIE_WT_PWR 323693	37.08 -0.49 0.00	38.38 -0.50 0.00	37.00 -0.47 0.00	38.97 -0.42 0.00	33.76 -0.46 0.00	34.68 -0.44 0.00	43.72 -1.25 0.00	95.39 -2.75 0.00	94.53 -2.01 0.00	77.76 -1.26 0.00	120.58 -0.94 0.00	121.63 -1.95 0.00	93.97 -1.82 0.00	86.85 -2.58 0.00	86.39 -3.12 0.00	66.99 -2.29 0.00	58.06 -2.22 0.00	61.73 -1.44 0.00	64.34 -1.06 0.00	67.82 -1.48 0.00	65.45 -1.50 0.00	57.86 -0.93 0.00	53.30 -0.50 0.00	52.05 0.21 0.00
ESPRGFLD_115KV_TB1 80157	37.66 0.08 0.00	38.94 0.07 0.00	37.51 0.04 0.00	39.49 0.10 0.00	34.38 0.17 0.00	35.41 0.28 0.00	45.37 0.40 0.00	99.36 1.22 0.00	97.80 1.26 0.00	80.25 1.23 0.00	123.99 2.48 0.00	125.69 2.11 0.00	97.36 1.57 0.00	90.82 1.40 0.00	90.89 1.38 0.00	70.41 1.12 0.00	61.40 1.12 0.00	64.16 0.99 0.00	66.44 1.03 0.00	70.44 1.15 0.00	67.86 0.91 0.00	59.52 0.73 0.00	54.51 0.71 0.00	52.43 0.60 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.85 0.27 0.00	39.17 0.28 0.00	37.73 0.25 0.00	39.65 0.25 0.00	34.54 0.32 0.00	35.52 0.39 0.00	45.61 0.64 0.00	99.70 1.56 0.00	98.07 1.53 0.00	80.28 1.26 0.00	123.61 2.10 0.00	125.54 1.96 0.00	97.19 1.39 0.00	90.49 1.07 0.00	90.57 1.06 0.00	70.18 0.89 0.00	61.13 0.85 0.00	64.30 1.13 0.00	66.70 1.30 0.00	70.56 1.27 0.00	68.00 1.05 0.00	59.77 0.97 0.00	54.64 0.83 0.00	52.63 0.80 0.00
ETNA____115KV_TB2 80207	37.85 0.27 0.00	39.17 0.28 0.00	37.73 0.25 0.00	39.65 0.25 0.00	34.54 0.32 0.00	35.52 0.39 0.00	45.61 0.64 0.00	99.70 1.56 0.00	98.07 1.53 0.00	80.28 1.26 0.00	123.61 2.10 0.00	125.54 1.96 0.00	97.19 1.39 0.00	90.49 1.07 0.00	90.57 1.06 0.00	70.18 0.89 0.00	61.13 0.85 0.00	64.30 1.13 0.00	66.70 1.30 0.00	70.56 1.27 0.00	68.00 1.05 0.00	59.77 0.97 0.00	54.64 0.83 0.00	52.63 0.80 0.00
EUCLID___115KV_TB2 356179	36.64 -0.93 0.00	37.94 -0.95 0.00	36.55 -0.92 0.00	38.44 -0.95 0.00	33.48 -0.73 0.00	34.36 -0.77 0.00	43.99 -0.98 0.00	95.97 -2.17 0.00	94.42 -2.12 0.00	77.35 -1.67 0.00	119.20 -2.31 0.00	121.09 -2.49 0.00	93.83 -1.96 0.00	87.43 -2.00 0.00	87.49 -2.02 0.00	67.75 -1.53 0.00	58.97 -1.31 0.00	61.91 -1.26 0.00	64.12 -1.29 0.00	67.85 -1.45 0.00	65.50 -1.45 0.00	57.55 -1.24 0.00	52.66 -1.14 0.00	50.77 -1.07 0.00
E_CANADA_CAP_HY 24051	37.44 -0.14 0.00	38.67 -0.21 0.00	37.22 -0.25 0.00	39.20 -0.19 0.00	34.13 -0.09 0.00	35.09 -0.03 0.00	44.84 -0.12 0.00	98.18 0.05 0.00	96.54 0.00 0.00	79.19 0.17 0.00	122.76 1.26 0.00	124.55 0.96 0.00	96.61 0.82 0.00	90.33 0.91 0.00	90.57 1.06 0.00	70.08 0.79 0.00	60.86 0.58 0.00	63.48 0.31 0.00	65.58 0.18 0.00	69.50 0.21 0.00	66.98 0.03 0.00	58.72 -0.07 0.00	53.97 0.17 0.00	51.96 0.13 0.00
E_CANADA_MHWK_HY 24050	39.79 2.22 0.00	41.09 2.21 0.00	39.58 2.11 0.00	41.57 2.17 0.00	36.26 2.05 0.00	37.30 2.17 0.00	47.90 2.93 0.00	104.36 6.21 0.00	101.88 5.34 0.00	83.13 4.11 0.00	128.40 6.89 0.00	130.80 7.22 0.00	101.52 5.73 0.00	95.28 5.85 0.00	95.68 6.17 0.00	73.99 4.70 0.00	64.19 3.91 0.00	67.74 4.56 0.00	70.00 4.60 0.00	73.83 4.53 0.00	71.23 4.29 0.00	62.78 3.99 0.00	57.51 3.71 0.00	55.21 3.38 0.00
E_FISHKILL___LBMP 23776	38.36 0.79 0.00	39.68 0.80 0.00	38.25 0.78 0.00	40.16 0.77 0.00	34.98 0.77 0.00	36.03 0.90 0.00	46.30 1.34 0.00	101.17 3.03 0.00	98.77 2.24 0.00	80.69 1.67 0.00	124.24 2.73 0.00	126.37 2.79 0.00	98.01 2.22 0.00	91.34 1.91 0.00	91.58 2.07 0.00	70.97 1.68 0.00	61.98 1.70 0.00	64.85 1.68 0.00	67.08 1.67 0.00	71.13 1.84 0.00	68.75 1.81 0.00	60.52 1.72 0.00	55.36 1.55 0.00	53.24 1.41 0.00
FALCON___SEABRD_CC1 323796	38.47 0.90 0.00	39.72 0.84 0.00	38.27 0.80 0.00	40.21 0.81 0.00	34.74 0.52 0.00	35.57 0.44 0.00	45.03 0.06 0.00	98.30 0.16 0.00	97.32 0.79 0.00	79.86 0.84 0.00	120.64 -0.87 0.00	122.84 -0.74 0.00	95.10 -0.69 0.00	88.80 -0.63 0.00	88.66 -0.85 0.00	68.63 -0.66 0.00	59.70 -0.58 0.00	62.60 -0.58 0.00	64.92 -0.49 0.00	68.85 -0.45 0.00	66.54 -0.40 0.00	58.35 -0.44 0.00	53.79 -0.02 0.00	52.34 0.50 0.00
FALCON___SEABRD_CC2 323797	38.47 0.90 0.00	39.72 0.84 0.00	38.27 0.80 0.00	40.21 0.81 0.00	34.74 0.52 0.00	35.57 0.44 0.00	45.03 0.06 0.00	98.30 0.16 0.00	97.32 0.79 0.00	79.86 0.84 0.00	120.64 -0.87 0.00	122.84 -0.74 0.00	95.10 -0.69 0.00	88.80 -0.63 0.00	88.66 -0.85 0.00	68.63 -0.66 0.00	59.70 -0.58 0.00	62.60 -0.58 0.00	64.92 -0.49 0.00	68.85 -0.45 0.00	66.54 -0.40 0.00	58.35 -0.44 0.00	53.79 -0.02 0.00	52.34 0.50 0.00

FAR ROCKAWAY___4 23548	39.48 1.91 0.00	40.86 1.98 0.00	39.34 1.86 0.00	41.32 1.92 0.00	35.99 1.78 0.00	37.04 1.91 0.00	47.60 2.63 0.00	103.81 5.67 0.00	100.24 3.70 0.00	82.28 3.26 0.00	126.72 5.21 0.00	133.06 5.73 -3.75	109.41 4.49 -9.13	100.11 4.08 -6.60	102.39 4.29 -8.59	73.33 3.30 -0.74	64.60 3.02 -1.29	66.50 3.33 0.00	68.82 3.41 -0.01	107.59 3.84 -34.45	70.62 3.66 -0.01	62.18 3.38 0.00	56.91 3.10 0.00	54.54 2.70 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.90 1.33 0.00	40.20 1.32 0.00	38.73 1.26 0.00	40.65 1.26 0.00	35.42 1.20 0.00	36.54 1.41 0.00	47.02 2.05 0.00	102.89 4.75 0.00	100.27 3.73 0.00	81.93 2.91 0.00	126.14 4.63 0.00	128.32 4.74 0.00	99.49 3.70 0.00	92.63 3.20 0.00	92.87 3.36 0.00	72.01 2.73 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.14 2.73 0.00	72.23 2.93 0.00	69.78 2.84 0.00	61.42 2.63 0.00	56.15 2.34 0.00	54.05 2.21 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.90 1.33 0.00	40.20 1.32 0.00	38.74 1.27 0.00	40.65 1.26 0.00	35.42 1.21 0.00	36.54 1.42 0.00	47.03 2.06 0.00	102.89 4.75 0.00	100.27 3.74 0.00	81.92 2.90 0.00	126.14 4.63 0.00	128.32 4.74 0.00	99.49 3.70 0.00	92.63 3.20 0.00	92.85 3.34 0.00	72.01 2.73 0.00	62.94 2.66 0.00	65.91 2.74 0.00	68.14 2.74 0.00	72.24 2.95 0.00	69.79 2.85 0.00	61.44 2.65 0.00	56.16 2.36 0.00	54.07 2.23 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.88 1.31 0.00	40.18 1.30 0.00	38.72 1.25 0.00	40.63 1.24 0.00	35.41 1.19 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.81 4.67 0.00	100.21 3.67 0.00	81.87 2.84 0.00	126.07 4.56 0.00	128.27 4.69 0.00	99.43 3.64 0.00	92.57 3.15 0.00	92.80 3.29 0.00	71.98 2.69 0.00	62.91 2.63 0.00	65.86 2.68 0.00	68.09 2.68 0.00	72.18 2.89 0.00	69.72 2.78 0.00	61.39 2.60 0.00	56.11 2.31 0.00	54.03 2.19 0.00
FARRAGUT___LBMP 323566	38.86 1.29 0.00	40.17 1.29 0.00	38.70 1.22 0.00	40.61 1.22 0.00	35.38 1.17 0.00	36.50 1.37 0.00	46.97 2.00 0.00	102.76 4.62 0.00	100.13 3.59 0.00	81.79 2.78 0.00	125.97 4.46 0.00	128.15 4.56 0.00	99.34 3.54 0.00	92.49 3.06 0.00	92.72 3.21 0.00	71.91 2.63 0.00	62.85 2.57 0.00	65.80 2.62 0.00	68.03 2.63 0.00	72.11 2.81 0.00	69.68 2.74 0.00	61.35 2.55 0.00	56.08 2.28 0.00	53.99 2.16 0.00
FENNER___WINDPWR 24204	38.01 0.44 0.00	39.41 0.52 0.00	38.02 0.54 0.00	39.98 0.58 0.00	34.80 0.58 0.00	35.80 0.67 0.00	46.01 1.05 0.00	100.57 2.43 0.00	98.98 2.44 0.00	81.01 1.99 0.00	124.82 3.31 0.00	126.81 3.23 0.00	98.20 2.41 0.00	91.51 2.09 0.00	91.66 2.15 0.00	71.02 1.73 0.00	61.90 1.62 0.00	64.80 1.62 0.00	67.09 1.68 0.00	70.94 1.65 0.00	68.44 1.49 0.00	60.09 1.30 0.00	54.89 1.09 0.00	52.82 0.98 0.00
FIBERTEK___ENERGY 23856	36.99 -0.58 0.00	38.29 -0.59 0.00	36.88 -0.59 0.00	38.77 -0.62 0.00	33.80 -0.41 0.00	34.71 -0.41 0.00	44.49 -0.48 0.00	97.14 -1.00 0.00	95.58 -0.96 0.00	78.25 -0.77 0.00	120.56 -0.95 0.00	122.48 -1.11 0.00	94.91 -0.88 0.00	88.41 -1.02 0.00	88.49 -1.02 0.00	68.56 -0.73 0.00	59.67 -0.62 0.00	62.71 -0.47 0.00	64.94 -0.47 0.00	68.66 -0.64 0.00	66.26 -0.69 0.00	58.23 -0.57 0.00	53.25 -0.56 0.00	51.31 -0.53 0.00
FITZPATRICK___ 23598	36.12 -1.45 0.00	37.40 -1.48 0.00	36.03 -1.44 0.00	37.89 -1.51 0.00	33.00 -1.22 0.00	33.84 -1.28 0.00	43.31 -1.66 0.00	94.50 -3.64 0.00	92.97 -3.57 0.00	76.16 -2.86 0.00	117.27 -4.24 0.00	119.15 -4.44 0.00	92.34 -3.45 0.00	86.07 -3.35 0.00	86.14 -3.37 0.00	66.71 -2.58 0.00	58.04 -2.25 0.00	60.90 -2.27 0.00	63.07 -2.33 0.00	66.75 -2.55 0.00	64.46 -2.48 0.00	56.65 -2.15 0.00	51.85 -1.95 0.00	49.98 -1.85 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.82 1.25 0.00	40.15 1.27 0.00	38.68 1.21 0.00	40.63 1.24 0.00	35.37 1.15 0.00	36.46 1.34 0.00	46.90 1.93 0.00	102.53 4.39 0.00	100.16 3.62 0.00	81.83 2.81 0.00	126.12 4.61 0.00	128.29 4.71 0.00	99.53 3.75 0.00	92.76 3.33 0.00	92.98 3.47 0.00	72.07 2.79 0.00	62.99 2.71 0.00	65.97 2.80 0.00	68.24 2.84 0.00	72.34 3.04 0.00	69.88 2.93 0.00	61.47 2.67 0.00	56.18 2.37 0.00	54.01 2.18 0.00
FORT ORANGE___ 23900	37.94 0.37 0.00	39.27 0.39 0.00	37.86 0.39 0.00	39.76 0.37 0.00	34.65 0.43 0.00	35.55 0.42 0.00	45.49 0.52 0.00	99.03 0.89 0.00	97.11 0.57 0.00	79.32 0.29 0.00	121.91 0.40 0.00	124.13 0.55 0.00	96.41 0.62 0.00	90.14 0.72 0.00	90.49 0.98 0.00	69.93 0.64 0.00	60.74 0.46 0.00	63.53 0.35 0.00	65.65 0.24 0.00	69.48 0.19 0.00	67.17 0.22 0.00	59.07 0.27 0.00	54.04 0.24 0.00	52.01 0.17 0.00
FORT_DRUM_COGEN 23780	38.48 0.91 0.00	39.84 0.96 0.00	38.33 0.85 0.00	40.39 1.00 0.00	35.19 0.98 0.00	36.11 0.98 0.00	46.68 1.71 0.00	102.61 4.47 0.00	101.09 4.56 0.00	82.96 3.94 0.00	127.76 6.26 0.00	129.34 5.76 0.00	100.23 4.44 0.00	93.36 3.93 0.00	92.71 3.20 0.00	71.70 2.41 0.00	62.27 1.99 0.00	65.44 2.26 0.00	67.88 2.47 0.00	71.54 2.25 0.00	69.07 2.12 0.00	60.49 1.69 0.00	55.18 1.37 0.00	53.01 1.17 0.00
FOX_HILLS___ESR 323835	38.89 1.32 0.00	40.16 1.28 0.00	38.71 1.24 0.00	40.62 1.23 0.00	35.38 1.16 0.00	36.46 1.34 0.00	46.93 1.96 0.00	102.30 4.16 0.00	99.74 3.20 0.00	81.39 2.37 0.00	125.26 3.75 0.00	127.57 3.99 0.00	99.10 3.30 0.00	92.26 2.84 0.00	92.57 3.06 0.00	71.95 2.67 0.00	62.82 2.54 0.00	65.79 2.62 0.00	68.07 2.66 0.00	72.11 2.82 0.00	69.76 2.82 0.00	61.43 2.63 0.00	56.22 2.41 0.00	54.23 2.39 0.00
FPL_FAR_ROCK_GT1 24212	39.48 1.91 0.00	40.86 1.98 0.00	39.34 1.86 0.00	41.31 1.92 0.00	35.99 1.78 0.00	37.04 1.91 0.00	47.60 2.63 0.00	103.80 5.66 0.00	100.23 3.69 0.00	82.28 3.26 0.00	126.71 5.20 0.00	133.04 5.71 -3.75	109.41 4.49 -9.13	100.13 4.09 -6.60	102.39 4.28 -8.59	73.33 3.30 -0.74	64.60 3.03 -1.29	66.50 3.32 0.00	68.82 3.41 -0.01	107.58 3.83 -34.45	70.62 3.67 -0.01	62.19 3.39 0.00	56.91 3.10 0.00	54.54 2.70 0.00
FPL_FAR_ROCK_GT2 23815	39.48 1.91 0.00	40.86 1.98 0.00	39.34 1.86 0.00	41.31 1.92 0.00	35.99 1.78 0.00	37.04 1.91 0.00	47.60 2.63 0.00	103.80 5.66 0.00	100.23 3.69 0.00	82.28 3.26 0.00	126.71 5.20 0.00	133.04 5.71 -3.75	109.41 4.49 -9.13	100.13 4.09 -6.60	102.39 4.28 -8.59	73.33 3.30 -0.74	64.60 3.03 -1.29	66.50 3.32 0.00	68.82 3.41 -0.01	107.58 3.83 -34.45	70.62 3.67 -0.01	62.19 3.39 0.00	56.91 3.10 0.00	54.54 2.70 0.00
FRANKLIN_FALL_HYD 24054	39.06 1.49 0.00	40.32 1.44 0.00	38.87 1.39 0.00	40.84 1.45 0.00	35.27 1.05 0.00	36.26 1.13 0.00	46.32 1.35 0.00	101.38 3.24 0.00	100.49 3.95 0.00	82.61 3.59 0.00	125.86 4.35 0.00	128.19 4.61 0.00	99.15 3.37 0.00	92.45 3.03 0.00	92.31 2.80 0.00	71.33 2.04 0.00	62.03 1.74 0.00	65.05 1.88 0.00	67.51 2.11 0.00	71.68 2.38 0.00	69.46 2.51 0.00	60.82 2.03 0.00	55.68 1.87 0.00	53.77 1.94 0.00

FREEPORT_EQUS_GT1 23764	38.97 1.40 0.00	40.35 1.47 0.00	38.86 1.38 0.00	40.80 1.40 0.00	35.55 1.34 0.00	36.57 1.44 0.00	47.08 2.11 0.00	103.24 5.10 0.00	100.50 3.96 0.00	82.11 3.09 0.00	126.53 5.02 0.00	131.92 5.11 -3.23	107.56 3.91 -7.87	98.55 3.43 -5.69	100.45 3.54 -7.40	72.89 2.96 -0.64	64.18 2.81 -1.09	65.83 2.66 0.00	68.13 2.72 -0.01	101.50 3.22 -28.98	70.19 3.24 -0.01	61.82 3.02 0.00	56.53 2.73 0.00	54.17 2.33 0.00
FREEPORT___CT2 23818	38.97 1.40 0.00	40.35 1.47 0.00	38.86 1.38 0.00	40.80 1.40 0.00	35.55 1.34 0.00	36.57 1.44 0.00	47.08 2.11 0.00	103.24 5.10 0.00	100.50 3.96 0.00	82.11 3.09 0.00	126.53 5.02 0.00	131.92 5.11 -3.23	107.56 3.91 -7.87	98.55 3.43 -5.69	100.45 3.54 -7.40	72.89 2.96 -0.64	64.18 2.81 -1.09	65.83 2.66 0.00	68.13 2.72 -0.01	101.50 3.22 -28.98	70.19 3.24 -0.01	61.82 3.02 0.00	56.53 2.73 0.00	54.17 2.33 0.00
FRESHKLS_33_KV_LOAD 356253	38.92 1.35 0.00	40.19 1.31 0.00	38.74 1.27 0.00	40.65 1.26 0.00	35.41 1.19 0.00	36.50 1.38 0.00	46.98 2.01 0.00	102.20 4.05 0.00	99.64 3.10 0.00	81.27 2.25 0.00	125.11 3.60 0.00	127.49 3.90 0.00	99.15 3.36 0.00	92.32 2.90 0.00	92.64 3.13 0.00	72.07 2.78 0.00	62.92 2.64 0.00	65.92 2.75 0.00	68.18 2.78 0.00	72.24 2.94 0.00	69.90 2.96 0.00	61.54 2.74 0.00	56.31 2.50 0.00	54.40 2.56 0.00
FULTON COGEN____ 23766	36.39 -1.19 0.00	37.68 -1.21 0.00	36.30 -1.18 0.00	38.17 -1.23 0.00	33.25 -0.96 0.00	34.14 -0.99 0.00	43.72 -1.24 0.00	95.45 -2.69 0.00	93.94 -2.60 0.00	76.91 -2.11 0.00	118.51 -3.00 0.00	120.47 -3.11 0.00	93.39 -2.40 0.00	87.02 -2.40 0.00	87.05 -2.46 0.00	67.41 -1.88 0.00	58.69 -1.59 0.00	61.62 -1.55 0.00	63.82 -1.59 0.00	67.51 -1.79 0.00	65.18 -1.76 0.00	57.25 -1.55 0.00	52.37 -1.44 0.00	50.46 -1.38 0.00
FULTON___LFGE 323630	38.24 0.67 0.00	39.52 0.64 0.00	38.06 0.58 0.00	40.04 0.64 0.00	34.86 0.65 0.00	35.86 0.74 0.00	46.00 1.04 0.00	100.61 2.47 0.00	98.65 2.12 0.00	80.83 1.81 0.00	124.82 3.31 0.00	126.64 3.06 0.00	98.35 2.56 0.00	92.16 2.73 0.00	92.57 3.06 0.00	71.63 2.35 0.00	62.26 1.98 0.00	65.12 1.95 0.00	67.29 1.88 0.00	71.25 1.95 0.00	68.67 1.73 0.00	60.20 1.41 0.00	55.16 1.36 0.00	53.05 1.21 0.00
G.F.CEMENT___DRP 24184	39.72 2.14 0.00	41.02 2.14 0.00	39.50 2.02 0.00	41.39 2.00 0.00	35.91 1.69 0.00	36.74 1.62 0.00	47.24 2.27 0.00	102.50 4.36 0.00	100.57 4.03 0.00	82.10 3.08 0.00	126.53 5.03 0.00	129.33 5.75 0.00	100.02 4.23 0.00	93.58 4.16 0.00	93.95 4.44 0.00	72.57 3.28 0.00	62.65 2.37 0.00	65.71 2.54 0.00	67.80 2.40 0.00	71.69 2.39 0.00	69.11 2.17 0.00	60.93 2.13 0.00	55.94 2.13 0.00	53.64 1.80 0.00
GARDENVILLE___LBMP 24039	37.00 -0.57 0.00	38.29 -0.59 0.00	36.92 -0.55 0.00	38.89 -0.50 0.00	33.69 -0.53 0.00	34.61 -0.52 0.00	43.59 -1.38 0.00	95.06 -3.08 0.00	94.18 -2.36 0.00	77.46 -1.56 0.00	120.05 -1.46 0.00	121.12 -2.47 0.00	93.53 -2.27 0.00	86.46 -2.97 0.00	85.94 -3.57 0.00	66.66 -2.63 0.00	57.77 -2.51 0.00	61.46 -1.71 0.00	64.06 -1.34 0.00	67.47 -1.82 0.00	65.12 -1.83 0.00	57.60 -1.19 0.00	53.09 -0.71 0.00	51.86 0.02 0.00
GARDNVLA_35_KV_LD 355827	37.16 -0.41 0.00	38.46 -0.42 0.00	37.09 -0.39 0.00	39.06 -0.33 0.00	33.83 -0.38 0.00	34.76 -0.36 0.00	43.85 -1.12 0.00	95.74 -2.40 0.00	94.92 -1.62 0.00	78.08 -0.94 0.00	121.06 -0.45 0.00	122.21 -1.37 0.00	94.36 -1.43 0.00	87.30 -2.13 0.00	86.78 -2.73 0.00	67.31 -1.98 0.00	58.33 -1.95 0.00	62.06 -1.11 0.00	64.68 -0.72 0.00	68.13 -1.17 0.00	65.75 -1.20 0.00	58.11 -0.68 0.00	53.50 -0.31 0.00	52.21 0.38 0.00
GELCKHM___115KV_LOAD 80723	36.77 -0.80 0.00	38.07 -0.80 0.00	36.68 -0.79 0.00	38.57 -0.83 0.00	33.60 -0.61 0.00	34.50 -0.63 0.00	44.18 -0.79 0.00	96.44 -1.70 0.00	94.90 -1.64 0.00	77.71 -1.31 0.00	119.71 -1.80 0.00	121.64 -1.95 0.00	94.26 -1.53 0.00	87.83 -1.60 0.00	87.87 -1.64 0.00	68.06 -1.23 0.00	59.24 -1.04 0.00	62.23 -0.95 0.00	64.44 -0.97 0.00	68.17 -1.13 0.00	65.78 -1.16 0.00	57.79 -1.00 0.00	52.90 -0.91 0.00	50.98 -0.85 0.00
GENERAL___MILLS 23808	37.06 -0.51 0.00	38.35 -0.53 0.00	36.99 -0.49 0.00	38.96 -0.43 0.00	33.73 -0.48 0.00	34.67 -0.46 0.00	43.70 -1.27 0.00	95.34 -2.80 0.00	94.46 -2.08 0.00	77.69 -1.33 0.00	120.45 -1.06 0.00	121.57 -2.01 0.00	93.89 -1.90 0.00	86.82 -2.61 0.00	86.34 -3.17 0.00	66.96 -2.33 0.00	58.02 -2.26 0.00	61.71 -1.46 0.00	64.34 -1.07 0.00	67.76 -1.54 0.00	65.40 -1.54 0.00	57.83 -0.96 0.00	53.27 -0.53 0.00	52.02 0.18 0.00
GE_PLASTICS___DRP 24183	37.85 0.27 0.00	39.18 0.30 0.00	37.78 0.31 0.00	39.70 0.30 0.00	34.58 0.36 0.00	35.46 0.34 0.00	45.38 0.42 0.00	98.84 0.70 0.00	96.93 0.39 0.00	79.19 0.17 0.00	121.84 0.34 0.00	124.02 0.44 0.00	96.22 0.43 0.00	89.86 0.44 0.00	90.15 0.64 0.00	69.68 0.40 0.00	60.56 0.28 0.00	63.31 0.13 0.00	65.46 0.05 0.00	69.34 0.04 0.00	67.04 0.10 0.00	58.98 0.18 0.00	53.97 0.17 0.00	51.96 0.13 0.00
GILBOA___1 23756	37.92 0.35 0.00	39.38 0.49 0.00	37.97 0.49 0.00	40.02 0.63 0.00	34.82 0.61 0.00	35.60 0.48 0.00	45.57 0.59 0.00	99.43 1.29 0.00	97.41 0.87 0.00	79.63 0.61 0.00	122.57 1.06 0.00	124.68 1.10 0.00	96.67 0.88 0.00	90.19 0.76 0.00	90.40 0.89 0.00	69.96 0.67 0.00	60.86 0.58 0.00	63.48 0.30 0.00	65.67 0.26 0.00	69.72 0.43 0.00	67.52 0.58 0.00	59.43 0.64 0.00	54.38 0.57 0.00	52.36 0.52 0.00
GILBOA___2 23757	37.92 0.35 0.00	39.38 0.49 0.00	37.97 0.49 0.00	40.02 0.63 0.00	34.82 0.61 0.00	35.60 0.48 0.00	45.57 0.59 0.00	99.43 1.29 0.00	97.41 0.87 0.00	79.63 0.61 0.00	122.57 1.06 0.00	124.68 1.10 0.00	96.67 0.88 0.00	90.19 0.76 0.00	90.40 0.89 0.00	69.96 0.67 0.00	60.86 0.58 0.00	63.48 0.30 0.00	65.67 0.26 0.00	69.72 0.43 0.00	67.52 0.58 0.00	59.43 0.64 0.00	54.38 0.57 0.00	52.36 0.52 0.00
GILBOA___3 23758	37.92 0.35 0.00	39.38 0.49 0.00	37.97 0.49 0.00	40.02 0.63 0.00	34.82 0.61 0.00	35.60 0.48 0.00	45.57 0.59 0.00	99.43 1.29 0.00	97.41 0.87 0.00	79.63 0.61 0.00	122.57 1.06 0.00	124.68 1.10 0.00	96.67 0.88 0.00	90.19 0.76 0.00	90.40 0.89 0.00	69.96 0.67 0.00	60.86 0.58 0.00	63.48 0.30 0.00	65.67 0.26 0.00	69.72 0.43 0.00	67.52 0.58 0.00	59.43 0.64 0.00	54.38 0.57 0.00	52.36 0.52 0.00
GILBOA___4 23759	37.92 0.35 0.00	39.38 0.49 0.00	37.97 0.49 0.00	40.02 0.63 0.00	34.82 0.61 0.00	35.60 0.48 0.00	45.57 0.59 0.00	99.43 1.29 0.00	97.41 0.87 0.00	79.63 0.61 0.00	122.57 1.06 0.00	124.68 1.10 0.00	96.67 0.88 0.00	90.19 0.76 0.00	90.40 0.89 0.00	69.96 0.67 0.00	60.86 0.58 0.00	63.48 0.30 0.00	65.67 0.26 0.00	69.72 0.43 0.00	67.52 0.58 0.00	59.43 0.64 0.00	54.38 0.57 0.00	52.36 0.52 0.00

GILBOA____ 23599	37.92 0.35 0.00	39.38 0.49 0.00	37.97 0.49 0.00	40.02 0.62 0.00	34.82 0.61 0.00	35.60 0.48 0.00	45.57 0.60 0.00	99.43 1.29 0.00	97.42 0.88 0.00	79.63 0.61 0.00	122.57 1.06 0.00	124.69 1.11 0.00	96.68 0.89 0.00	90.19 0.77 0.00	90.40 0.89 0.00	69.96 0.67 0.00	60.86 0.58 0.00	63.47 0.30 0.00	65.67 0.26 0.00	69.72 0.42 0.00	67.52 0.58 0.00	59.43 0.64 0.00	54.38 0.57 0.00	52.36 0.52 0.00
GINNA____ 23603	35.39 -2.18 0.00	36.61 -2.27 0.00	35.28 -2.19 0.00	37.15 -2.24 0.00	32.31 -1.91 0.00	33.26 -1.86 0.00	42.37 -2.59 0.00	92.48 -5.66 0.00	91.38 -5.16 0.00	75.12 -3.91 0.00	116.01 -5.50 0.00	117.58 -6.00 0.00	91.03 -4.76 0.00	84.51 -4.92 0.00	84.38 -5.13 0.00	65.33 -3.96 0.00	56.83 -3.46 0.00	60.07 -3.10 0.00	62.31 -3.09 0.00	65.72 -3.58 0.00	63.40 -3.54 0.00	55.76 -3.04 0.00	51.11 -2.70 0.00	49.52 -2.32 0.00
GLEN PARK____ 23778	38.54 0.97 0.00	39.91 1.03 0.00	38.39 0.92 0.00	40.46 1.07 0.00	35.26 1.05 0.00	36.20 1.07 0.00	46.83 1.86 0.00	102.99 4.85 0.00	101.45 4.91 0.00	83.26 4.24 0.00	128.24 6.73 0.00	129.78 6.20 0.00	100.60 4.81 0.00	93.70 4.27 0.00	93.03 3.51 0.00	71.93 2.64 0.00	62.47 2.19 0.00	65.70 2.53 0.00	68.17 2.76 0.00	71.80 2.50 0.00	69.28 2.33 0.00	60.65 1.85 0.00	55.30 1.50 0.00	53.09 1.25 0.00
GLENDALE_27_KV_LOAD 356172	39.06 1.49 0.00	40.36 1.48 0.00	38.88 1.41 0.00	40.80 1.41 0.00	35.55 1.33 0.00	36.65 1.53 0.00	47.14 2.17 0.00	103.03 4.89 0.00	100.48 3.94 0.00	82.05 3.03 0.00	126.38 4.87 0.00	128.61 5.03 0.00	99.69 3.90 0.00	92.81 3.39 0.00	93.09 3.58 0.00	72.26 2.98 0.00	63.11 2.83 0.00	66.10 2.93 0.00	68.36 2.96 0.00	72.44 3.14 0.00	70.00 3.05 0.00	61.63 2.84 0.00	56.39 2.59 0.00	54.36 2.52 0.00
GLENWOOD_IC_1_G5 23712	38.87 1.30 0.00	40.22 1.34 0.00	38.76 1.29 0.00	40.69 1.30 0.00	35.45 1.24 0.00	36.50 1.37 0.00	47.00 2.03 0.00	102.87 4.74 0.00	100.21 3.67 0.00	81.92 2.89 0.00	126.21 4.70 0.00	132.69 5.00 -4.11	109.68 3.88 -10.01	100.13 3.47 -7.24	102.59 3.66 -9.42	72.96 2.86 -0.82	64.46 2.78 -1.39	65.92 2.75 0.00	68.19 2.77 -0.01	109.37 3.11 -36.97	69.92 2.97 -0.01	61.54 2.75 0.00	56.29 2.48 0.00	54.05 2.21 0.00
GLENWOOD_IC_2_G1 23688	38.74 1.17 0.00	40.08 1.20 0.00	38.62 1.15 0.00	40.54 1.15 0.00	35.33 1.11 0.00	36.39 1.26 0.00	46.81 1.84 0.00	102.45 4.31 0.00	99.81 3.28 0.00	81.57 2.55 0.00	125.66 4.15 0.00	128.12 4.36 -0.17	99.62 3.40 -0.43	92.74 3.01 -0.31	93.11 3.20 -0.40	71.84 2.52 -0.03	62.80 2.46 -0.06	65.60 2.43 0.00	67.89 2.48 0.00	73.62 2.75 -1.57	69.57 2.63 0.00	61.25 2.46 0.00	56.02 2.22 0.00	53.83 2.00 0.00
GLENWOOD_IC_3_G1 23689	38.74 1.17 0.00	40.08 1.20 0.00	38.62 1.15 0.00	40.54 1.15 0.00	35.33 1.11 0.00	36.39 1.26 0.00	46.81 1.84 0.00	102.45 4.31 0.00	99.81 3.28 0.00	81.57 2.55 0.00	125.66 4.15 0.00	128.12 4.36 -0.17	99.62 3.40 -0.43	92.74 3.01 -0.31	93.11 3.20 -0.40	71.84 2.52 -0.03	62.80 2.46 -0.06	65.60 2.43 0.00	67.89 2.48 0.00	73.62 2.75 -1.57	69.57 2.63 0.00	61.25 2.46 0.00	56.02 2.22 0.00	53.83 2.00 0.00
GLENWOOD____4 23550	38.87 1.30 0.00	40.22 1.34 0.00	38.76 1.29 0.00	40.69 1.30 0.00	35.45 1.24 0.00	36.50 1.37 0.00	47.00 2.03 0.00	102.87 4.74 0.00	100.21 3.67 0.00	81.92 2.89 0.00	126.21 4.70 0.00	132.69 5.00 -4.11	109.68 3.88 -10.01	100.13 3.47 -7.24	102.59 3.66 -9.42	72.96 2.86 -0.82	64.46 2.78 -1.39	65.92 2.75 0.00	68.19 2.77 -0.01	109.37 3.11 -36.97	69.92 2.97 -0.01	61.54 2.75 0.00	56.29 2.48 0.00	54.05 2.21 0.00
GLENWOOD____5 23614	38.87 1.30 0.00	40.22 1.34 0.00	38.76 1.29 0.00	40.69 1.30 0.00	35.45 1.24 0.00	36.50 1.37 0.00	47.00 2.03 0.00	102.87 4.74 0.00	100.21 3.67 0.00	81.92 2.89 0.00	126.21 4.70 0.00	132.69 5.00 -4.11	109.68 3.88 -10.01	100.13 3.47 -7.24	102.59 3.66 -9.42	72.96 2.86 -0.82	64.46 2.78 -1.39	65.92 2.75 0.00	68.19 2.77 -0.01	109.37 3.11 -36.97	69.92 2.97 -0.01	61.54 2.75 0.00	56.29 2.48 0.00	54.05 2.21 0.00
GLOBAL GREEN_PORT_GT1 23814	38.85 1.28 0.00	40.81 1.93 0.00	39.56 2.09 0.00	41.74 2.35 0.00	36.55 2.33 0.00	37.61 2.48 0.00	58.14 3.45 -9.72	133.48 8.39 -26.95	128.95 6.46 -25.95	103.45 5.44 -18.99	149.84 8.80 -19.54	159.16 9.14 -26.44	122.20 7.27 -19.14	110.62 6.14 -15.06	114.82 7.18 -18.12	92.35 5.13 -17.93	80.00 3.87 -15.85	78.09 2.30 -12.61	77.24 1.22 -10.61	108.01 2.08 -36.64	79.51 1.59 -10.98	69.16 1.59 -8.77	56.99 1.43 -1.76	53.79 0.97 -0.98
GLOBE____DSASP 323697	36.16 -1.41 0.00	37.42 -1.47 0.00	36.06 -1.41 0.00	38.03 -1.37 0.00	32.91 -1.30 0.00	33.72 -1.41 0.00	42.20 -2.77 0.00	91.32 -6.82 0.00	90.62 -5.92 0.00	74.77 -4.25 0.00	115.68 -5.83 0.00	116.82 -6.76 0.00	90.29 -5.50 0.00	83.37 -6.05 0.00	82.99 -6.51 0.00	64.35 -4.94 0.00	55.71 -4.58 0.00	59.21 -3.96 0.00	61.67 -3.73 0.00	64.98 -4.31 0.00	62.89 -4.06 0.00	55.69 -3.11 0.00	51.60 -2.21 0.00	50.73 -1.11 0.00
GOETHSLN____LBMP 323567	38.72 1.15 0.00	40.01 1.13 0.00	38.57 1.09 0.00	40.47 1.08 0.00	35.26 1.04 0.00	36.38 1.26 0.00	46.82 1.85 0.00	102.40 4.26 0.00	99.73 3.20 0.00	81.41 2.39 0.00	125.41 3.90 0.00	127.54 3.96 0.00	98.85 3.07 0.00	92.03 2.61 0.00	92.28 2.78 0.00	71.55 2.27 0.00	62.60 2.32 0.00	65.54 2.37 0.00	67.78 2.37 0.00	71.84 2.55 0.00	69.41 2.47 0.00	61.10 2.30 0.00	55.84 2.04 0.00	53.78 1.94 0.00
GOLAH____69_KV_TB 1_2 80279	37.59 0.02 0.00	38.94 0.06 0.00	37.47 -0.01 0.00	39.47 0.08 0.00	34.35 0.14 0.00	35.33 0.20 0.00	44.83 -0.14 0.00	97.53 -0.61 0.00	96.56 0.02 0.00	79.42 0.39 0.00	122.93 1.42 0.00	124.43 0.84 0.00	96.11 0.32 0.00	89.07 -0.35 0.00	88.76 -0.75 0.00	68.76 -0.53 0.00	59.75 -0.54 0.00	63.34 0.17 0.00	65.84 0.43 0.00	69.39 0.09 0.00	66.94 0.00 0.00	58.99 0.20 0.00	54.18 0.38 0.00	52.70 0.86 0.00
GOODYEAR_LAKE_HYD 323669	38.13 0.55 0.00	39.48 0.60 0.00	38.05 0.57 0.00	40.03 0.63 0.00	34.84 0.62 0.00	35.87 0.74 0.00	45.98 1.01 0.00	100.56 2.42 0.00	98.82 2.28 0.00	80.97 1.95 0.00	124.83 3.32 0.00	126.75 3.17 0.00	98.20 2.41 0.00	91.53 2.11 0.00	91.65 2.14 0.00	70.99 1.70 0.00	61.95 1.66 0.00	64.81 1.64 0.00	67.17 1.76 0.00	71.18 1.89 0.00	68.64 1.70 0.00	60.29 1.50 0.00	55.18 1.37 0.00	53.03 1.19 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.37 -0.20 0.00	38.71 -0.17 0.00	37.32 -0.16 0.00	39.22 -0.17 0.00	34.12 -0.09 0.00	35.08 -0.04 0.00	44.95 -0.02 0.00	98.21 0.07 0.00	96.42 -0.12 0.00	78.82 -0.20 0.00	121.65 0.14 0.00	123.32 -0.26 0.00	95.50 -0.29 0.00	88.96 -0.46 0.00	88.92 -0.59 0.00	68.94 -0.34 0.00	60.01 -0.27 0.00	63.12 -0.05 0.00	65.49 0.08 0.00	69.31 0.02 0.00	66.88 -0.07 0.00	58.88 0.09 0.00	53.89 0.09 0.00	51.97 0.13 0.00

GOUDEY___7 23579	37.37 -0.20 0.00	38.71 -0.17 0.00	37.32 -0.16 0.00	39.22 -0.17 0.00	34.12 -0.09 0.00	35.08 -0.04 0.00	44.95 -0.02 0.00	98.21 0.07 0.00	96.42 -0.12 0.00	78.82 -0.20 0.00	121.65 0.14 0.00	123.32 -0.26 0.00	95.50 -0.29 0.00	88.96 -0.46 0.00	88.92 -0.59 0.00	68.94 -0.34 0.00	60.01 -0.27 0.00	63.12 -0.05 0.00	65.49 0.08 0.00	69.31 0.02 0.00	66.88 -0.07 0.00	58.88 0.09 0.00	53.89 0.09 0.00	51.97 0.13 0.00
GOUDEY___8 23580	37.37 -0.20 0.00	38.71 -0.17 0.00	37.32 -0.16 0.00	39.22 -0.17 0.00	34.12 -0.09 0.00	35.08 -0.04 0.00	44.95 -0.02 0.00	98.21 0.07 0.00	96.42 -0.12 0.00	78.82 -0.20 0.00	121.65 0.14 0.00	123.32 -0.26 0.00	95.50 -0.29 0.00	88.96 -0.46 0.00	88.92 -0.59 0.00	68.94 -0.34 0.00	60.01 -0.27 0.00	63.12 -0.05 0.00	65.49 0.08 0.00	69.31 0.02 0.00	66.88 -0.07 0.00	58.88 0.09 0.00	53.89 0.09 0.00	51.97 0.13 0.00
GOWANUS_GT1_1 24077	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
GOWANUS_GT1_2 24078	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
GOWANUS_GT1_3 24079	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
GOWANUS_GT1_4 24080	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
GOWANUS_GT1_5 24084	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
GOWANUS_GT1_6 24111	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
GOWANUS_GT1_7 24112	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
GOWANUS_GT1_8 24113	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
GOWANUS_GT2_1 24114	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
GOWANUS_GT2_2 24115	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
GOWANUS_GT2_3 24116	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
GOWANUS_GT2_4 24117	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
GOWANUS_GT2_5 24118	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00

GOWANUS_GT2_6 24119	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
GOWANUS_GT2_7 24120	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
GOWANUS_GT2_8 24121	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
GOWANUS_GT3_1 24122	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
GOWANUS_GT3_2 24123	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
GOWANUS_GT3_3 24124	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
GOWANUS_GT3_4 24125	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
GOWANUS_GT3_5 24126	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
GOWANUS_GT3_6 24127	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
GOWANUS_GT3_7 24128	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
GOWANUS_GT3_8 24129	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
GOWANUS_GT4_1 24130	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
GOWANUS_GT4_2 24131	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
GOWANUS_GT4_3 24132	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
GOWANUS_GT4_4 24133	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00

GOWANUS_GT4_5 24134	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
GOWANUS_GT4_6 24135	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
GOWANUS_GT4_7 24136	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
GOWANUS_GT4_8 24137	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
GREATVR_69_KV_BK1 356245	39.36 1.79 0.00	40.79 1.91 0.00	39.30 1.83 0.00	41.28 1.89 0.00	36.01 1.80 0.00	36.97 1.84 0.00	55.44 2.81 -7.66	126.23 6.85 -21.23	122.44 5.46 -20.44	98.47 4.49 -14.96	144.19 7.29 -15.39	152.85 7.83 -21.44	118.14 5.78 -16.56	107.69 5.33 -12.93	110.95 5.77 -15.67	87.82 4.29 -14.24	76.86 3.88 -12.69	76.52 3.68 -9.66	77.00 3.75 -7.84	107.32 4.48 -33.54	79.20 4.15 -8.11	69.10 3.83 -6.48	58.58 3.48 -1.30	55.41 2.86 -0.72
GREENBSH_115KV_TB3 55895	37.78 0.20 0.00	39.10 0.22 0.00	37.70 0.23 0.00	39.59 0.19 0.00	34.50 0.28 0.00	35.39 0.26 0.00	45.25 0.29 0.00	98.48 0.34 0.00	96.60 0.06 0.00	78.88 -0.13 0.00	121.37 -0.14 0.00	123.58 0.00 0.00	95.90 0.11 0.00	89.60 0.18 0.00	89.90 0.39 0.00	69.48 0.19 0.00	60.33 0.05 0.00	63.05 -0.12 0.00	65.15 -0.25 0.00	69.00 -0.29 0.00	66.71 -0.23 0.00	58.69 -0.10 0.00	53.70 -0.10 0.00	51.71 -0.13 0.00
GREENDGE_115KV_TB5 80291	37.29 -0.28 0.00	38.62 -0.26 0.00	37.26 -0.22 0.00	39.11 -0.28 0.00	33.97 -0.24 0.00	35.14 0.01 0.00	44.64 -0.33 0.00	96.51 -1.62 0.00	94.65 -1.89 0.00	77.05 -1.97 0.00	118.93 -2.58 0.00	119.64 -3.95 0.00	92.96 -2.83 0.00	86.74 -2.68 0.00	86.58 -2.94 0.00	67.71 -1.57 0.00	58.94 -1.34 0.00	62.54 -0.63 0.00	65.05 -0.35 0.00	68.77 -0.53 0.00	65.73 -1.21 0.00	58.29 -0.50 0.00	53.40 -0.41 0.00	51.94 0.10 0.00
GREENIDGE___3 23582	37.29 -0.28 0.00	38.62 -0.26 0.00	37.26 -0.22 0.00	39.11 -0.28 0.00	33.97 -0.24 0.00	35.14 0.01 0.00	44.64 -0.33 0.00	96.51 -1.62 0.00	94.65 -1.89 0.00	77.05 -1.97 0.00	118.93 -2.58 0.00	119.64 -3.95 0.00	92.96 -2.83 0.00	86.74 -2.68 0.00	86.58 -2.94 0.00	67.71 -1.57 0.00	58.94 -1.34 0.00	62.54 -0.63 0.00	65.05 -0.35 0.00	68.77 -0.53 0.00	65.73 -1.21 0.00	58.29 -0.50 0.00	53.40 -0.41 0.00	51.94 0.10 0.00
GREENIDGE___4 23583	37.29 -0.28 0.00	38.63 -0.25 0.00	37.26 -0.22 0.00	39.11 -0.28 0.00	33.97 -0.24 0.00	35.14 0.01 0.00	44.64 -0.32 0.00	96.52 -1.62 0.00	94.66 -1.88 0.00	77.01 -2.02 0.00	118.93 -2.58 0.00	119.64 -3.94 0.00	93.00 -2.80 0.00	86.70 -2.72 0.00	86.52 -2.99 0.00	67.72 -1.56 0.00	58.94 -1.34 0.00	62.54 -0.63 0.00	65.04 -0.36 0.00	68.74 -0.55 0.00	65.72 -1.22 0.00	58.28 -0.51 0.00	53.40 -0.40 0.00	51.97 0.14 0.00
GREENLWN_69_KV_BK 3 55738	38.62 1.04 0.00	40.05 1.17 0.00	38.58 1.10 0.00	40.53 1.13 0.00	35.31 1.10 0.00	36.19 1.06 0.00	42.47 1.55 4.04	90.75 3.82 11.20	88.28 2.52 10.79	73.19 2.06 7.89	116.90 3.51 8.12	120.20 4.18 7.57	99.37 3.19 -0.39	92.06 2.86 0.22	93.04 3.21 -0.32	64.81 2.29 6.77	56.99 2.13 5.43	57.24 1.86 7.79	58.05 1.90 9.26	79.95 2.40 -8.26	59.56 2.19 9.57	53.31 2.17 7.66	54.29 2.02 1.54	52.70 1.72 0.85
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00
GRISSOM___SOLAR 323813	38.41 0.84 0.00	39.71 0.83 0.00	38.24 0.77 0.00	40.22 0.83 0.00	35.02 0.81 0.00	36.00 0.87 0.00	46.22 1.26 0.00	101.06 2.92 0.00	98.98 2.44 0.00	81.06 2.04 0.00	125.07 3.56 0.00	126.88 3.30 0.00	98.61 2.82 0.00	92.43 3.01 0.00	92.88 3.37 0.00	71.86 2.57 0.00	62.42 2.14 0.00	65.32 2.15 0.00	67.49 2.08 0.00	71.46 2.17 0.00	68.91 1.96 0.00	60.43 1.64 0.00	55.36 1.55 0.00	53.22 1.38 0.00
GROVEVILLE___HYD 323602	38.82 1.25 0.00	40.15 1.27 0.00	38.68 1.21 0.00	40.63 1.24 0.00	35.37 1.15 0.00	36.46 1.34 0.00	46.90 1.93 0.00	102.53 4.39 0.00	100.16 3.62 0.00	81.83 2.81 0.00	126.12 4.61 0.00	128.29 4.71 0.00	99.53 3.75 0.00	92.76 3.33 0.00	92.98 3.47 0.00	72.07 2.79 0.00	62.99 2.71 0.00	65.97 2.80 0.00	68.24 2.84 0.00	72.34 3.04 0.00	69.88 2.93 0.00	61.47 2.67 0.00	56.18 2.37 0.00	54.01 2.18 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.99 -0.58 0.00	38.29 -0.59 0.00	36.88 -0.59 0.00	38.77 -0.62 0.00	33.80 -0.41 0.00	34.71 -0.41 0.00	44.49 -0.48 0.00	97.14 -1.00 0.00	95.58 -0.96 0.00	78.25 -0.77 0.00	120.56 -0.95 0.00	122.48 -1.11 0.00	94.91 -0.88 0.00	88.41 -1.02 0.00	88.49 -1.02 0.00	68.56 -0.73 0.00	59.67 -0.62 0.00	62.71 -0.47 0.00	64.94 -0.47 0.00	68.66 -0.64 0.00	66.26 -0.69 0.00	58.23 -0.57 0.00	53.25 -0.56 0.00	51.31 -0.53 0.00
HAMLTNNY_34_KV_TB 80303	37.12 -0.46 0.00	38.43 -0.45 0.00	36.98 -0.50 0.00	38.89 -0.50 0.00	33.93 -0.29 0.00	34.85 -0.28 0.00	44.67 -0.30 0.00	97.56 -0.57 0.00	95.96 -0.58 0.00	78.61 -0.41 0.00	121.18 -0.32 0.00	123.01 -0.57 0.00	95.29 -0.50 0.00	88.69 -0.73 0.00	88.78 -0.73 0.00	68.81 -0.48 0.00	59.89 -0.39 0.00	62.99 -0.19 0.00	65.28 -0.13 0.00	68.94 -0.36 0.00	66.50 -0.44 0.00	58.51 -0.29 0.00	53.50 -0.30 0.00	51.58 -0.25 0.00

HAMPSHIRE___PAPER_HYD 323593	38.63 1.05 0.00	39.93 1.04 0.00	38.47 1.00 0.00	40.48 1.09 0.00	35.05 0.84 0.00	36.03 0.90 0.00	46.28 1.31 0.00	101.37 3.23 0.00	100.09 3.55 0.00	82.17 3.15 0.00	126.05 4.54 0.00	128.00 4.41 0.00	99.04 3.25 0.00	92.38 2.96 0.00	92.03 2.52 0.00	70.97 1.68 0.00	61.54 1.26 0.00	64.49 1.32 0.00	66.87 1.47 0.00	70.87 1.57 0.00	68.87 1.93 0.00	60.41 1.62 0.00	55.17 1.36 0.00	53.12 1.29 0.00
HARDSCRABBLE_WT_PWR 323673	39.33 1.75 0.00	40.57 1.69 0.00	39.08 1.60 0.00	41.05 1.66 0.00	35.82 1.61 0.00	36.83 1.71 0.00	47.29 2.33 0.00	103.10 4.96 0.00	100.78 4.24 0.00	82.30 3.28 0.00	127.05 5.54 0.00	129.38 5.79 0.00	100.34 4.55 0.00	94.08 4.66 0.00	94.40 4.89 0.00	73.02 3.73 0.00	63.41 3.13 0.00	66.82 3.64 0.00	69.01 3.60 0.00	72.79 3.49 0.00	70.24 3.30 0.00	61.88 3.08 0.00	56.67 2.87 0.00	54.43 2.59 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.59 1.02 0.00	39.92 1.03 0.00	38.48 1.01 0.00	40.39 1.00 0.00	35.17 0.96 0.00	36.27 1.15 0.00	46.68 1.71 0.00	102.10 3.96 0.00	99.67 3.13 0.00	81.42 2.40 0.00	125.51 4.00 0.00	127.64 4.06 0.00	99.02 3.23 0.00	92.25 2.82 0.00	92.51 3.00 0.00	71.69 2.41 0.00	62.71 2.43 0.00	65.72 2.55 0.00	68.02 2.62 0.00	72.11 2.81 0.00	69.62 2.67 0.00	61.25 2.46 0.00	55.93 2.12 0.00	53.77 1.94 0.00
HARSNRAD_115KV_TB1 81005	36.89 -0.69 0.00	38.16 -0.72 0.00	36.79 -0.69 0.00	38.78 -0.61 0.00	33.58 -0.63 0.00	34.36 -0.76 0.00	43.08 -1.89 0.00	93.72 -4.42 0.00	93.01 -3.53 0.00	76.72 -2.30 0.00	118.64 -2.87 0.00	119.80 -3.78 0.00	92.59 -3.20 0.00	85.57 -3.86 0.00	85.11 -4.40 0.00	66.00 -3.29 0.00	57.13 -3.15 0.00	60.77 -2.40 0.00	63.31 -2.09 0.00	66.66 -2.63 0.00	64.47 -2.47 0.00	57.06 -1.73 0.00	52.74 -1.06 0.00	51.64 -0.20 0.00
HARZA MOOSE___RIVER 24016	38.40 0.83 0.00	39.77 0.89 0.00	38.33 0.86 0.00	40.34 0.94 0.00	35.09 0.87 0.00	36.08 0.96 0.00	46.48 1.51 0.00	101.75 3.62 0.00	100.21 3.67 0.00	82.11 3.09 0.00	126.40 4.89 0.00	128.32 4.74 0.00	99.32 3.53 0.00	92.64 3.21 0.00	92.57 3.06 0.00	71.67 2.39 0.00	62.34 2.06 0.00	65.34 2.17 0.00	67.69 2.28 0.00	71.54 2.24 0.00	69.08 2.13 0.00	60.61 1.81 0.00	55.34 1.54 0.00	53.21 1.37 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.73 -0.84 0.00	38.04 -0.84 0.00	36.66 -0.82 0.00	38.55 -0.85 0.00	33.58 -0.63 0.00	34.47 -0.66 0.00	44.14 -0.82 0.00	96.34 -1.80 0.00	94.77 -1.77 0.00	77.61 -1.41 0.00	119.65 -1.87 0.00	121.51 -2.07 0.00	94.16 -1.63 0.00	87.77 -1.65 0.00	87.81 -1.70 0.00	68.02 -1.26 0.00	59.20 -1.08 0.00	62.16 -1.02 0.00	64.38 -1.03 0.00	68.11 -1.19 0.00	65.74 -1.20 0.00	57.76 -1.03 0.00	52.84 -0.96 0.00	50.91 -0.93 0.00
HELLGATE_13_KV_LD 55870	39.14 1.57 0.00	40.45 1.57 0.00	38.98 1.51 0.00	40.90 1.51 0.00	35.63 1.41 0.00	36.73 1.61 0.00	47.21 2.24 0.00	103.24 5.10 0.00	100.70 4.16 0.00	82.25 3.23 0.00	126.70 5.19 0.00	128.91 5.32 0.00	99.95 4.16 0.00	93.03 3.60 0.00	93.32 3.81 0.00	72.43 3.14 0.00	63.26 2.98 0.00	66.24 3.06 0.00	68.51 3.11 0.00	72.60 3.30 0.00	70.15 3.20 0.00	61.75 2.96 0.00	56.52 2.71 0.00	54.46 2.62 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.14 1.57 0.00	40.45 1.57 0.00	38.98 1.51 0.00	40.90 1.51 0.00	35.63 1.41 0.00	36.73 1.61 0.00	47.21 2.24 0.00	103.24 5.10 0.00	100.70 4.16 0.00	82.25 3.23 0.00	126.70 5.19 0.00	128.91 5.32 0.00	99.95 4.16 0.00	93.03 3.60 0.00	93.32 3.81 0.00	72.43 3.14 0.00	63.26 2.98 0.00	66.24 3.06 0.00	68.51 3.11 0.00	72.60 3.30 0.00	70.15 3.20 0.00	61.75 2.96 0.00	56.52 2.71 0.00	54.46 2.62 0.00
HEMPSTEAD___ 23647	38.71 1.14 0.00	40.07 1.18 0.00	38.61 1.13 0.00	40.53 1.14 0.00	35.32 1.11 0.00	36.34 1.21 0.00	46.78 1.81 0.00	102.50 4.36 0.00	99.78 3.24 0.00	81.58 2.56 0.00	125.66 4.15 0.00	131.62 4.47 -3.56	107.93 3.46 -8.68	98.78 3.07 -6.28	100.95 3.27 -8.17	72.57 2.57 -0.71	63.99 2.50 -1.20	65.55 2.38 0.00	67.81 2.40 -0.01	104.10 2.80 -32.00	69.62 2.67 -0.01	61.31 2.51 0.00	56.08 2.28 0.00	53.78 1.94 0.00
HICKLING___1 23621	36.55 -1.02 0.00	37.86 -1.02 0.00	36.54 -0.93 0.00	38.36 -1.04 0.00	33.26 -0.96 0.00	34.39 -0.73 0.00	43.97 -1.00 0.00	96.13 -2.01 0.00	94.37 -2.17 0.00	76.80 -2.22 0.00	119.55 -1.96 0.00	120.30 -3.29 0.00	92.89 -2.90 0.00	86.33 -3.09 0.00	85.64 -3.87 0.00	66.71 -2.58 0.00	57.88 -2.40 0.00	61.60 -1.58 0.00	64.29 -1.12 0.00	67.83 -1.47 0.00	65.19 -1.76 0.00	57.65 -1.15 0.00	52.83 -0.97 0.00	51.34 -0.50 0.00
HICKLING___2 23622	36.55 -1.02 0.00	37.86 -1.02 0.00	36.54 -0.93 0.00	38.36 -1.04 0.00	33.26 -0.96 0.00	34.39 -0.73 0.00	43.97 -1.00 0.00	96.13 -2.01 0.00	94.37 -2.17 0.00	76.80 -2.22 0.00	119.55 -1.96 0.00	120.30 -3.29 0.00	92.89 -2.90 0.00	86.33 -3.09 0.00	85.64 -3.87 0.00	66.71 -2.58 0.00	57.88 -2.40 0.00	61.60 -1.58 0.00	64.29 -1.12 0.00	67.83 -1.47 0.00	65.19 -1.76 0.00	57.65 -1.15 0.00	52.83 -0.97 0.00	51.34 -0.50 0.00
HIGH FALLS___HY 23754	38.72 1.15 0.00	40.06 1.18 0.00	38.61 1.13 0.00	40.55 1.16 0.00	35.32 1.10 0.00	36.41 1.29 0.00	46.89 1.93 0.00	102.69 4.55 0.00	100.31 3.77 0.00	81.90 2.88 0.00	126.26 4.75 0.00	128.43 4.85 0.00	99.67 3.88 0.00	92.87 3.44 0.00	93.07 3.56 0.00	72.21 2.92 0.00	63.20 2.92 0.00	66.26 3.09 0.00	68.59 3.19 0.00	72.71 3.41 0.00	70.27 3.32 0.00	61.76 2.97 0.00	56.37 2.57 0.00	54.18 2.34 0.00
HIGH_RIVER___SOLAR 323847	38.31 0.74 0.00	39.61 0.73 0.00	38.16 0.68 0.00	40.13 0.74 0.00	34.93 0.71 0.00	35.90 0.77 0.00	46.06 1.09 0.00	100.50 2.36 0.00	98.42 1.88 0.00	80.46 1.44 0.00	123.75 2.25 0.00	125.56 1.98 0.00	97.67 1.88 0.00	91.78 2.35 0.00	92.27 2.77 0.00	71.43 2.14 0.00	62.15 1.87 0.00	65.02 1.84 0.00	67.19 1.79 0.00	71.16 1.86 0.00	68.64 1.69 0.00	60.21 1.42 0.00	55.11 1.31 0.00	53.02 1.18 0.00
HILLBURN___GT 23639	38.45 0.88 0.00	39.78 0.89 0.00	38.35 0.88 0.00	40.25 0.86 0.00	35.04 0.83 0.00	36.16 1.04 0.00	46.56 1.59 0.00	101.89 3.75 0.00	99.34 2.80 0.00	81.09 2.07 0.00	124.98 3.48 0.00	126.97 3.39 0.00	98.47 2.68 0.00	91.79 2.36 0.00	92.00 2.49 0.00	71.30 2.02 0.00	62.41 2.13 0.00	65.39 2.22 0.00	67.68 2.27 0.00	71.75 2.46 0.00	69.28 2.34 0.00	60.98 2.18 0.00	55.69 1.88 0.00	53.56 1.73 0.00
HILLSIDE_115KV_TB1 80332	35.86 -1.71 0.00	37.13 -1.75 0.00	35.85 -1.62 0.00	37.61 -1.79 0.00	32.60 -1.62 0.00	33.73 -1.40 0.00	43.13 -1.84 0.00	94.32 -3.82 0.00	92.41 -4.13 0.00	75.15 -3.87 0.00	117.00 -4.51 0.00	117.71 -5.87 0.00	90.88 -4.91 0.00	84.49 -4.93 0.00	83.88 -5.63 0.00	65.37 -3.91 0.00	56.66 -3.62 0.00	60.27 -2.90 0.00	63.00 -2.41 0.00	66.50 -2.80 0.00	63.95 -2.99 0.00	56.59 -2.20 0.00	51.84 -1.96 0.00	50.40 -1.44 0.00

HISHELDN_WT_PWR 323625	36.86 -0.71 0.00	38.16 -0.72 0.00	36.80 -0.67 0.00	38.74 -0.65 0.00	33.55 -0.66 0.00	34.52 -0.61 0.00	43.57 -1.40 0.00	95.07 -3.07 0.00	94.06 -2.48 0.00	77.23 -1.80 0.00	119.70 -1.81 0.00	120.71 -2.88 0.00	93.17 -2.62 0.00	86.07 -3.35 0.00	85.51 -4.00 0.00	66.34 -2.95 0.00	57.54 -2.75 0.00	61.23 -1.94 0.00	63.79 -1.62 0.00	67.15 -2.15 0.00	64.78 -2.17 0.00	57.31 -1.48 0.00	52.77 -1.04 0.00	51.47 -0.37 0.00
HOLTSVILLE_IC_1 23690	38.76 1.18 0.00	40.20 1.32 0.00	38.75 1.27 0.00	40.71 1.31 0.00	35.53 1.32 0.00	36.46 1.33 0.00	57.05 1.92 -10.16	131.12 4.81 -28.17	126.97 3.31 -27.12	101.58 2.72 -19.84	146.46 4.53 -20.42	156.09 4.99 -27.52	119.30 3.79 -19.73	108.39 3.42 -15.54	112.04 3.85 -18.68	90.65 2.65 -18.71	78.98 2.17 -16.53	78.16 1.74 -13.25	78.33 1.70 -11.23	109.16 2.39 -37.48	80.69 2.14 -11.61	70.26 2.19 -9.28	57.74 2.08 -1.86	54.56 1.69 -1.04
HOLTSVILLE_IC_10 23699	38.92 1.35 0.00	40.37 1.49 0.00	38.91 1.43 0.00	40.88 1.49 0.00	35.69 1.48 0.00	36.63 1.50 0.00	55.81 2.16 -8.68	127.62 5.43 -24.06	123.54 3.84 -23.16	99.15 3.18 -16.95	144.24 5.30 -17.44	153.19 5.73 -23.88	117.92 4.38 -17.75	107.32 3.97 -13.93	110.75 4.44 -16.81	88.42 3.07 -16.06	77.02 2.50 -14.24	76.34 2.10 -11.07	76.62 2.09 -9.12	106.75 2.81 -34.65	78.93 2.55 -9.44	68.87 2.54 -7.54	57.70 2.39 -1.51	54.62 1.94 -0.84
HOLTSVILLE_IC_2 23691	38.76 1.18 0.00	40.20 1.32 0.00	38.75 1.27 0.00	40.71 1.31 0.00	35.53 1.32 0.00	36.46 1.33 0.00	57.05 1.92 -10.16	131.12 4.81 -28.17	126.97 3.31 -27.12	101.58 2.72 -19.84	146.46 4.53 -20.42	156.09 4.99 -27.52	119.30 3.79 -19.73	108.39 3.42 -15.54	112.04 3.85 -18.68	90.65 2.65 -18.71	78.98 2.17 -16.53	78.16 1.74 -13.25	78.33 1.70 -11.23	109.16 2.39 -37.48	80.69 2.14 -11.61	70.26 2.19 -9.28	57.74 2.08 -1.86	54.56 1.69 -1.04
HOLTSVILLE_IC_3 23692	38.76 1.18 0.00	40.20 1.32 0.00	38.75 1.27 0.00	40.71 1.31 0.00	35.53 1.32 0.00	36.46 1.33 0.00	57.05 1.92 -10.16	131.12 4.81 -28.17	126.97 3.31 -27.12	101.58 2.72 -19.84	146.46 4.53 -20.42	156.09 4.99 -27.52	119.30 3.79 -19.73	108.39 3.42 -15.54	112.04 3.85 -18.68	90.65 2.65 -18.71	78.98 2.17 -16.53	78.16 1.74 -13.25	78.33 1.70 -11.23	109.16 2.39 -37.48	80.69 2.14 -11.61	70.26 2.19 -9.28	57.74 2.08 -1.86	54.56 1.69 -1.04
HOLTSVILLE_IC_4 23693	38.76 1.18 0.00	40.20 1.32 0.00	38.75 1.27 0.00	40.71 1.31 0.00	35.53 1.32 0.00	36.46 1.33 0.00	57.05 1.92 -10.16	131.12 4.81 -28.17	126.97 3.31 -27.12	101.58 2.72 -19.84	146.46 4.53 -20.42	156.09 4.99 -27.52	119.30 3.79 -19.73	108.39 3.42 -15.54	112.04 3.85 -18.68	90.65 2.65 -18.71	78.98 2.17 -16.53	78.16 1.74 -13.25	78.33 1.70 -11.23	109.16 2.39 -37.48	80.69 2.14 -11.61	70.26 2.19 -9.28	57.74 2.08 -1.86	54.56 1.69 -1.04
HOLTSVILLE_IC_5 23694	38.76 1.18 0.00	40.20 1.32 0.00	38.75 1.27 0.00	40.71 1.31 0.00	35.53 1.32 0.00	36.46 1.33 0.00	57.05 1.92 -10.16	131.12 4.81 -28.17	126.97 3.31 -27.12	101.58 2.72 -19.84	146.46 4.53 -20.42	156.09 4.99 -27.52	119.30 3.79 -19.73	108.39 3.42 -15.54	112.04 3.85 -18.68	90.65 2.65 -18.71	78.98 2.17 -16.53	78.16 1.74 -13.25	78.33 1.70 -11.23	109.16 2.39 -37.48	80.69 2.14 -11.61	70.26 2.19 -9.28	57.74 2.08 -1.86	54.56 1.69 -1.04
HOLTSVILLE_IC_6 23695	38.92 1.35 0.00	40.37 1.49 0.00	38.91 1.43 0.00	40.88 1.49 0.00	35.69 1.48 0.00	36.63 1.50 0.00	55.81 2.16 -8.68	127.62 5.43 -24.06	123.54 3.84 -23.16	99.15 3.18 -16.95	144.24 5.30 -17.44	153.19 5.73 -23.88	117.92 4.38 -17.75	107.32 3.97 -13.93	110.75 4.44 -16.81	88.42 3.07 -16.06	77.02 2.50 -14.24	76.34 2.10 -11.07	76.62 2.09 -9.12	106.75 2.81 -34.65	78.93 2.55 -9.44	68.87 2.54 -7.54	57.70 2.39 -1.51	54.62 1.94 -0.84
HOLTSVILLE_IC_7 23696	38.92 1.35 0.00	40.37 1.49 0.00	38.91 1.43 0.00	40.88 1.49 0.00	35.69 1.48 0.00	36.63 1.50 0.00	55.81 2.16 -8.68	127.62 5.43 -24.06	123.54 3.84 -23.16	99.15 3.18 -16.95	144.24 5.30 -17.44	153.19 5.73 -23.88	117.92 4.38 -17.75	107.32 3.97 -13.93	110.75 4.44 -16.81	88.42 3.07 -16.06	77.02 2.50 -14.24	76.34 2.10 -11.07	76.62 2.09 -9.12	106.75 2.81 -34.65	78.93 2.55 -9.44	68.87 2.54 -7.54	57.70 2.39 -1.51	54.62 1.94 -0.84
HOLTSVILLE_IC_8 23697	38.92 1.35 0.00	40.37 1.49 0.00	38.91 1.43 0.00	40.88 1.49 0.00	35.69 1.48 0.00	36.63 1.50 0.00	55.81 2.16 -8.68	127.62 5.43 -24.06	123.54 3.84 -23.16	99.15 3.18 -16.95	144.24 5.30 -17.44	153.19 5.73 -23.88	117.92 4.38 -17.75	107.32 3.97 -13.93	110.75 4.44 -16.81	88.42 3.07 -16.06	77.02 2.50 -14.24	76.34 2.10 -11.07	76.62 2.09 -9.12	106.75 2.81 -34.65	78.93 2.55 -9.44	68.87 2.54 -7.54	57.70 2.39 -1.51	54.62 1.94 -0.84
HOLTSVILLE_IC_9 23698	38.92 1.35 0.00	40.37 1.49 0.00	38.91 1.43 0.00	40.88 1.49 0.00	35.69 1.48 0.00	36.63 1.50 0.00	55.81 2.16 -8.68	127.62 5.43 -24.06	123.54 3.84 -23.16	99.15 3.18 -16.95	144.24 5.30 -17.44	153.19 5.73 -23.88	117.92 4.38 -17.75	107.32 3.97 -13.93	110.75 4.44 -16.81	88.42 3.07 -16.06	77.02 2.50 -14.24	76.34 2.10 -11.07	76.62 2.09 -9.12	106.75 2.81 -34.65	78.93 2.55 -9.44	68.87 2.54 -7.54	57.70 2.39 -1.51	54.62 1.94 -0.84
HOMER_HL_115KV_TB2 355744	36.83 -0.74 0.00	38.13 -0.75 0.00	36.82 -0.65 0.00	38.74 -0.65 0.00	33.59 -0.62 0.00	34.71 -0.42 0.00	44.02 -0.95 0.00	96.36 -1.78 0.00	94.66 -1.88 0.00	77.48 -1.54 0.00	120.37 -1.14 0.00	121.01 -2.58 0.00	93.39 -2.40 0.00	86.54 -2.88 0.00	86.06 -3.45 0.00	66.79 -2.50 0.00	58.07 -2.21 0.00	61.89 -1.29 0.00	64.62 -0.79 0.00	68.09 -1.20 0.00	65.60 -1.34 0.00	58.05 -0.74 0.00	53.33 -0.47 0.00	51.93 0.09 0.00
HOWARD_WT_PWR 323690	37.35 -0.22 0.00	38.69 -0.19 0.00	37.27 -0.20 0.00	39.12 -0.27 0.00	33.89 -0.33 0.00	35.03 -0.10 0.00	44.58 -0.39 0.00	97.45 -0.68 0.00	96.37 -0.17 0.00	78.80 -0.22 0.00	122.15 0.64 0.00	122.94 -0.65 0.00	94.85 -0.94 0.00	87.49 -1.93 0.00	86.58 -2.94 0.00	67.23 -2.06 0.00	58.46 -1.82 0.00	62.13 -1.04 0.00	64.66 -0.75 0.00	68.26 -1.03 0.00	65.69 -1.25 0.00	58.00 -0.79 0.00	53.23 -0.57 0.00	51.91 0.07 0.00
HQ_GEN_CEDARS 23644	39.03 1.46 0.00	40.31 1.43 0.00	38.85 1.38 0.00	40.85 1.46 0.00	35.27 1.06 0.00	36.25 1.13 0.00	46.35 1.38 0.00	101.24 3.10 0.00	100.16 3.62 0.00	82.21 3.19 0.00	125.75 4.24 0.00	127.98 4.40 0.00	99.08 3.29 0.00	92.48 3.06 0.00	92.31 2.81 0.00	71.33 2.04 0.00	61.97 1.69 0.00	64.96 1.79 0.00	67.38 1.97 0.00	71.53 2.23 0.00	69.32 2.37 0.00	60.78 1.99 0.00	55.62 1.81 0.00	53.67 1.83 0.00
HQ_GEN_CEDARS_PROXY 323590	39.03 1.46 0.00	40.31 1.43 0.00	38.85 1.38 0.00	40.85 1.46 0.00	33.87 1.06 1.41	35.70 1.13 0.55	48.29 1.38 -1.94	101.24 3.10 0.00	100.16 3.62 0.00	82.21 3.19 0.00	125.76 4.25 0.00	127.98 4.39 0.00	99.08 3.29 0.00	92.48 3.05 0.00	92.32 2.81 0.00	71.33 2.04 0.00	57.54 1.69 4.43	64.96 1.79 0.00	67.38 1.97 0.00	71.53 2.23 0.00	69.32 2.37 0.00	60.78 1.99 0.00	55.62 1.81 0.00	53.66 1.83 0.00

HQ_GEN_IMPORT 323601	38.07 0.49 0.00	39.36 0.48 0.00	37.92 0.45 0.00	39.87 0.48 0.00	34.49 0.28 0.00	32.20 0.31 3.24	45.33 0.36 0.00	98.95 0.81 0.00	97.65 1.11 0.00	80.03 1.01 0.00	122.74 1.24 0.00	124.89 1.31 0.00	96.79 1.00 0.00	90.46 1.03 0.00	90.44 0.93 0.00	70.00 0.72 0.00	60.88 0.59 0.00	63.82 0.65 0.00	66.12 0.71 0.00	70.10 0.81 0.00	67.73 0.78 0.00	59.38 0.58 0.00	54.35 0.54 0.00	52.38 0.54 0.00
HQ_GEN_WHEEL 23651	38.07 0.49 0.00	39.36 0.48 0.00	37.92 0.45 0.00	39.87 0.48 0.00	34.49 0.28 0.00	32.20 0.31 3.24	45.33 0.36 0.00	98.95 0.81 0.00	97.65 1.11 0.00	80.03 1.01 0.00	122.74 1.24 0.00	124.89 1.31 0.00	96.79 1.00 0.00	90.46 1.03 0.00	90.44 0.93 0.00	70.00 0.72 0.00	60.88 0.59 0.00	63.82 0.65 0.00	66.12 0.71 0.00	70.10 0.81 0.00	67.73 0.78 0.00	59.38 0.58 0.00	54.35 0.54 0.00	52.38 0.54 0.00
HUDSON AVE_GT_3 23810	38.92 1.34 0.00	40.21 1.33 0.00	38.75 1.28 0.00	40.66 1.27 0.00	35.43 1.22 0.00	36.55 1.43 0.00	47.05 2.08 0.00	102.91 4.77 0.00	100.31 3.77 0.00	81.95 2.93 0.00	126.22 4.71 0.00	128.40 4.82 0.00	99.54 3.75 0.00	92.66 3.24 0.00	92.91 3.40 0.00	72.06 2.77 0.00	62.97 2.69 0.00	65.93 2.76 0.00	68.18 2.77 0.00	72.25 2.96 0.00	69.81 2.87 0.00	61.46 2.67 0.00	56.18 2.37 0.00	54.08 2.24 0.00
HUDSON AVE_GT_4 23540	38.92 1.34 0.00	40.21 1.33 0.00	38.75 1.28 0.00	40.66 1.27 0.00	35.43 1.22 0.00	36.55 1.43 0.00	47.05 2.08 0.00	102.91 4.77 0.00	100.31 3.77 0.00	81.95 2.93 0.00	126.22 4.71 0.00	128.40 4.82 0.00	99.54 3.75 0.00	92.66 3.24 0.00	92.91 3.40 0.00	72.06 2.77 0.00	62.97 2.69 0.00	65.93 2.76 0.00	68.18 2.77 0.00	72.25 2.96 0.00	69.81 2.87 0.00	61.46 2.67 0.00	56.18 2.37 0.00	54.08 2.24 0.00
HUDSON AVE_GT_5 23657	38.92 1.34 0.00	40.21 1.33 0.00	38.75 1.28 0.00	40.66 1.27 0.00	35.43 1.22 0.00	36.55 1.43 0.00	47.05 2.08 0.00	102.91 4.77 0.00	100.31 3.77 0.00	81.95 2.93 0.00	126.22 4.71 0.00	128.40 4.82 0.00	99.54 3.75 0.00	92.66 3.24 0.00	92.91 3.40 0.00	72.06 2.77 0.00	62.97 2.69 0.00	65.93 2.76 0.00	68.18 2.77 0.00	72.25 2.96 0.00	69.81 2.87 0.00	61.46 2.67 0.00	56.18 2.37 0.00	54.08 2.24 0.00
HUDSON_AVE_10 24168	38.77 1.20 0.00	40.05 1.17 0.00	38.58 1.10 0.00	40.48 1.09 0.00	35.29 1.07 0.00	36.43 1.31 0.00	46.88 1.91 0.00	102.55 4.42 0.00	99.96 3.43 0.00	81.65 2.63 0.00	125.71 4.21 0.00	127.87 4.29 0.00	99.15 3.36 0.00	92.29 2.87 0.00	92.48 2.97 0.00	71.73 2.45 0.00	62.73 2.44 0.00	65.65 2.48 0.00	67.88 2.47 0.00	71.93 2.63 0.00	69.48 2.54 0.00	61.16 2.37 0.00	55.90 2.09 0.00	53.81 1.97 0.00
HUDSON___115KV_TB 4 355613	38.32 0.75 0.00	39.66 0.78 0.00	38.23 0.75 0.00	40.17 0.77 0.00	34.99 0.78 0.00	35.92 0.79 0.00	46.00 1.03 0.00	100.24 2.10 0.00	98.38 1.84 0.00	80.33 1.31 0.00	123.33 1.83 0.00	125.62 2.03 0.00	97.77 1.97 0.00	91.48 2.06 0.00	91.87 2.35 0.00	71.09 1.80 0.00	61.73 1.45 0.00	64.60 1.43 0.00	66.77 1.37 0.00	70.63 1.33 0.00	68.22 1.28 0.00	59.98 1.18 0.00	54.81 1.01 0.00	52.70 0.87 0.00
HUNTER MOUNT___DRP 323613	38.42 0.84 0.00	39.76 0.87 0.00	38.33 0.85 0.00	40.26 0.86 0.00	35.09 0.87 0.00	36.00 0.88 0.00	46.13 1.17 0.00	100.57 2.43 0.00	98.77 2.23 0.00	80.65 1.63 0.00	123.93 2.42 0.00	126.17 2.59 0.00	98.16 2.37 0.00	91.92 2.49 0.00	92.28 2.77 0.00	71.40 2.12 0.00	62.03 1.74 0.00	64.95 1.78 0.00	67.10 1.70 0.00	70.94 1.64 0.00	68.51 1.57 0.00	60.20 1.41 0.00	55.01 1.20 0.00	52.87 1.03 0.00
HUNTINGTON_RES_REC 323705	38.69 1.12 0.00	40.13 1.25 0.00	38.66 1.18 0.00	40.66 1.27 0.00	35.47 1.26 0.00	36.37 1.25 0.00	47.61 1.81 -0.84	104.98 4.52 -2.32	101.88 3.12 -2.23	83.21 2.56 -1.63	127.50 4.31 -1.68	132.96 4.90 -4.47	106.48 3.69 -7.01	97.96 3.36 -5.17	99.89 3.77 -6.61	73.89 2.63 -1.98	64.66 2.28 -2.11	64.43 1.96 0.70	64.92 1.98 2.47	89.75 2.62 -17.83	66.75 2.37 2.56	59.10 2.36 2.05	55.59 2.20 0.41	53.42 1.81 0.23
HUNTLEY___63 23557	36.95 -0.62 0.00	38.22 -0.66 0.00	36.85 -0.62 0.00	38.86 -0.53 0.00	33.64 -0.57 0.00	34.51 -0.62 0.00	43.30 -1.67 0.00	94.16 -3.98 0.00	93.47 -3.07 0.00	77.08 -1.95 0.00	119.33 -2.18 0.00	120.52 -3.06 0.00	93.06 -2.73 0.00	86.00 -3.43 0.00	85.44 -4.07 0.00	66.14 -3.14 0.00	57.18 -3.11 0.00	60.82 -2.35 0.00	63.40 -2.01 0.00	66.78 -2.51 0.00	64.60 -2.35 0.00	57.27 -1.53 0.00	52.98 -0.82 0.00	51.88 0.05 0.00
HUNTLEY___64 23558	36.95 -0.62 0.00	38.22 -0.66 0.00	36.85 -0.62 0.00	38.86 -0.53 0.00	33.64 -0.57 0.00	34.51 -0.62 0.00	43.30 -1.67 0.00	94.16 -3.98 0.00	93.47 -3.07 0.00	77.08 -1.95 0.00	119.33 -2.18 0.00	120.52 -3.06 0.00	93.06 -2.73 0.00	86.00 -3.43 0.00	85.44 -4.07 0.00	66.14 -3.14 0.00	57.18 -3.11 0.00	60.82 -2.35 0.00	63.40 -2.01 0.00	66.78 -2.51 0.00	64.60 -2.35 0.00	57.27 -1.53 0.00	52.98 -0.82 0.00	51.88 0.05 0.00
HUNTLEY___65 23559	36.95 -0.62 0.00	38.22 -0.66 0.00	36.85 -0.62 0.00	38.86 -0.53 0.00	33.64 -0.57 0.00	34.51 -0.62 0.00	43.30 -1.67 0.00	94.16 -3.98 0.00	93.47 -3.07 0.00	77.08 -1.95 0.00	119.33 -2.18 0.00	120.52 -3.06 0.00	93.06 -2.73 0.00	86.00 -3.43 0.00	85.44 -4.07 0.00	66.14 -3.14 0.00	57.18 -3.11 0.00	60.82 -2.35 0.00	63.40 -2.01 0.00	66.78 -2.51 0.00	64.60 -2.35 0.00	57.27 -1.53 0.00	52.98 -0.82 0.00	51.88 0.05 0.00
HUNTLEY___66 23560	36.95 -0.62 0.00	38.22 -0.66 0.00	36.85 -0.62 0.00	38.86 -0.53 0.00	33.64 -0.57 0.00	34.51 -0.62 0.00	43.30 -1.67 0.00	94.16 -3.98 0.00	93.47 -3.07 0.00	77.08 -1.95 0.00	119.33 -2.18 0.00	120.52 -3.06 0.00	93.06 -2.73 0.00	86.00 -3.43 0.00	85.44 -4.07 0.00	66.14 -3.14 0.00	57.18 -3.11 0.00	60.82 -2.35 0.00	63.40 -2.01 0.00	66.78 -2.51 0.00	64.60 -2.35 0.00	57.27 -1.53 0.00	52.98 -0.82 0.00	51.88 0.05 0.00
HUNTLEY___67 23561	36.74 -0.83 0.00	38.01 -0.87 0.00	36.65 -0.82 0.00	38.63 -0.76 0.00	33.44 -0.77 0.00	34.32 -0.81 0.00	43.15 -1.82 0.00	93.97 -4.17 0.00	93.16 -3.38 0.00	76.69 -2.33 0.00	118.79 -2.72 0.00	119.92 -3.67 0.00	92.65 -3.14 0.00	85.65 -3.78 0.00	85.23 -4.28 0.00	66.08 -3.20 0.00	57.25 -3.03 0.00	60.88 -2.30 0.00	63.44 -1.97 0.00	66.83 -2.46 0.00	64.58 -2.37 0.00	57.09 -1.70 0.00	52.68 -1.12 0.00	51.53 -0.31 0.00
HUNTLEY___68 23562	36.74 -0.83 0.00	38.01 -0.87 0.00	36.65 -0.82 0.00	38.63 -0.76 0.00	33.44 -0.77 0.00	34.32 -0.81 0.00	43.15 -1.82 0.00	93.97 -4.17 0.00	93.16 -3.38 0.00	76.69 -2.33 0.00	118.79 -2.72 0.00	119.92 -3.67 0.00	92.65 -3.14 0.00	85.65 -3.78 0.00	85.23 -4.28 0.00	66.08 -3.20 0.00	57.25 -3.03 0.00	60.88 -2.30 0.00	63.44 -1.97 0.00	66.83 -2.46 0.00	64.58 -2.37 0.00	57.09 -1.70 0.00	52.68 -1.12 0.00	51.53 -0.31 0.00

HYLAND___LFGE 323620	38.94 1.37 0.00	40.25 1.37 0.00	38.80 1.33 0.00	40.83 1.44 0.00	35.48 1.26 0.00	36.62 1.50 0.00	46.81 1.84 0.00	102.82 4.68 0.00	101.73 5.20 0.00	83.41 4.39 0.00	128.55 7.04 0.00	129.37 5.79 0.00	99.59 3.80 0.00	91.73 2.30 0.00	89.76 0.25 0.00	69.16 -0.13 0.00	60.41 0.13 0.00	64.43 1.25 0.00	67.08 1.68 0.00	70.69 1.40 0.00	68.03 1.09 0.00	61.36 2.57 0.00	56.49 2.69 0.00	54.78 2.95 0.00
INDECK___CORINTH 23802	39.59 2.02 0.00	40.89 2.01 0.00	39.38 1.91 0.00	41.18 1.79 0.00	35.64 1.43 0.00	36.34 1.21 0.00	46.58 1.61 0.00	101.09 2.95 0.00	99.22 2.68 0.00	81.09 2.07 0.00	124.94 3.43 0.00	127.65 4.07 0.00	98.76 2.97 0.00	92.34 2.92 0.00	92.69 3.18 0.00	71.53 2.24 0.00	61.78 1.50 0.00	64.78 1.61 0.00	66.87 1.46 0.00	70.70 1.41 0.00	68.24 1.29 0.00	60.17 1.37 0.00	55.23 1.42 0.00	52.96 1.13 0.00
INDECK___ILION 23567	38.50 0.93 0.00	39.81 0.93 0.00	38.35 0.88 0.00	40.31 0.91 0.00	35.11 0.90 0.00	36.07 0.95 0.00	46.27 1.30 0.00	100.94 2.80 0.00	98.90 2.37 0.00	80.82 1.80 0.00	124.58 3.07 0.00	126.80 3.22 0.00	98.30 2.51 0.00	91.98 2.56 0.00	92.23 2.72 0.00	71.37 2.08 0.00	62.05 1.76 0.00	65.21 2.04 0.00	67.42 2.01 0.00	71.25 1.96 0.00	68.79 1.85 0.00	60.53 1.74 0.00	55.40 1.60 0.00	53.27 1.44 0.00
INDECK___OLEAN 23982	36.84 -0.74 0.00	38.13 -0.75 0.00	36.82 -0.65 0.00	38.74 -0.65 0.00	33.59 -0.62 0.00	34.71 -0.42 0.00	44.02 -0.95 0.00	96.36 -1.77 0.00	94.66 -1.88 0.00	77.48 -1.54 0.00	120.39 -1.12 0.00	120.98 -2.60 0.00	93.38 -2.41 0.00	86.48 -2.95 0.00	86.06 -3.45 0.00	66.79 -2.50 0.00	58.07 -2.21 0.00	61.89 -1.28 0.00	64.60 -0.80 0.00	68.09 -1.21 0.00	65.60 -1.34 0.00	58.05 -0.74 0.00	53.33 -0.48 0.00	51.93 0.09 0.00
INDECK___OSWEGO 23783	36.01 -1.56 0.00	37.28 -1.60 0.00	35.91 -1.57 0.00	37.77 -1.62 0.00	32.91 -1.31 0.00	33.75 -1.37 0.00	43.24 -1.72 0.00	94.42 -3.72 0.00	92.86 -3.68 0.00	76.09 -2.93 0.00	117.23 -4.28 0.00	119.12 -4.46 0.00	92.33 -3.46 0.00	86.07 -3.36 0.00	86.06 -3.45 0.00	66.63 -2.66 0.00	57.93 -2.36 0.00	60.78 -2.39 0.00	62.96 -2.45 0.00	66.62 -2.68 0.00	64.38 -2.57 0.00	56.54 -2.25 0.00	51.74 -2.06 0.00	49.85 -1.99 0.00
INDECK___YERKES 23781	36.98 -0.59 0.00	38.26 -0.62 0.00	36.88 -0.59 0.00	38.89 -0.50 0.00	33.67 -0.54 0.00	34.54 -0.58 0.00	43.34 -1.63 0.00	94.24 -3.90 0.00	93.55 -2.98 0.00	77.17 -1.85 0.00	119.47 -2.04 0.00	120.67 -2.92 0.00	93.17 -2.62 0.00	85.98 -3.45 0.00	85.48 -4.03 0.00	66.13 -3.16 0.00	57.14 -3.14 0.00	60.77 -2.40 0.00	63.37 -2.04 0.00	66.74 -2.56 0.00	64.57 -2.37 0.00	57.29 -1.50 0.00	53.02 -0.78 0.00	51.94 0.10 0.00
INDIAN POINT_GT_1 24139	38.43 0.86 0.00	39.75 0.87 0.00	38.32 0.84 0.00	40.23 0.83 0.00	35.04 0.82 0.00	36.13 1.00 0.00	46.48 1.52 0.00	101.67 3.53 0.00	99.15 2.61 0.00	80.94 1.92 0.00	124.71 3.20 0.00	126.80 3.22 0.00	98.35 2.56 0.00	91.63 2.21 0.00	91.89 2.38 0.00	71.22 1.93 0.00	62.26 1.98 0.00	65.22 2.05 0.00	67.47 2.06 0.00	71.55 2.25 0.00	69.10 2.15 0.00	60.81 2.02 0.00	55.58 1.77 0.00	53.46 1.62 0.00
INDIAN POINT_GT_2 23659	38.43 0.86 0.00	39.75 0.87 0.00	38.32 0.84 0.00	40.23 0.83 0.00	35.04 0.82 0.00	36.13 1.00 0.00	46.48 1.52 0.00	101.67 3.53 0.00	99.15 2.61 0.00	80.94 1.92 0.00	124.71 3.20 0.00	126.80 3.22 0.00	98.35 2.56 0.00	91.63 2.21 0.00	91.89 2.38 0.00	71.22 1.93 0.00	62.26 1.98 0.00	65.22 2.05 0.00	67.47 2.06 0.00	71.55 2.25 0.00	69.10 2.15 0.00	60.81 2.02 0.00	55.58 1.77 0.00	53.46 1.62 0.00
INDIAN POINT_GT_3 24019	38.43 0.86 0.00	39.75 0.87 0.00	38.32 0.84 0.00	40.23 0.83 0.00	35.04 0.82 0.00	36.13 1.00 0.00	46.48 1.52 0.00	101.67 3.53 0.00	99.15 2.61 0.00	80.94 1.92 0.00	124.71 3.20 0.00	126.80 3.22 0.00	98.35 2.56 0.00	91.63 2.21 0.00	91.89 2.38 0.00	71.22 1.93 0.00	62.26 1.98 0.00	65.22 2.05 0.00	67.47 2.06 0.00	71.55 2.25 0.00	69.10 2.15 0.00	60.81 2.02 0.00	55.58 1.77 0.00	53.46 1.62 0.00
INDIAN POINT___2 23530	38.39 0.82 0.00	39.71 0.82 0.00	38.28 0.81 0.00	40.18 0.79 0.00	35.00 0.78 0.00	36.09 0.97 0.00	46.44 1.47 0.00	101.57 3.43 0.00	99.04 2.50 0.00	80.85 1.83 0.00	124.56 3.05 0.00	126.64 3.06 0.00	98.20 2.42 0.00	91.54 2.11 0.00	91.76 2.24 0.00	71.12 1.84 0.00	62.19 1.90 0.00	65.16 1.99 0.00	67.42 2.01 0.00	71.48 2.19 0.00	69.04 2.10 0.00	60.76 1.97 0.00	55.53 1.72 0.00	53.41 1.58 0.00
INDIAN POINT___3 23531	38.45 0.88 0.00	39.76 0.88 0.00	38.34 0.86 0.00	40.24 0.84 0.00	35.04 0.83 0.00	36.14 1.01 0.00	46.50 1.53 0.00	101.68 3.54 0.00	99.19 2.64 0.00	80.96 1.94 0.00	124.75 3.24 0.00	126.83 3.25 0.00	98.37 2.58 0.00	91.66 2.23 0.00	91.90 2.39 0.00	71.22 1.94 0.00	62.25 1.97 0.00	65.20 2.03 0.00	67.45 2.05 0.00	71.53 2.23 0.00	69.08 2.13 0.00	60.81 2.02 0.00	55.58 1.77 0.00	53.47 1.63 0.00
INGHAM_C_115KV_TB7 356103	39.79 2.22 0.00	41.09 2.21 0.00	39.58 2.11 0.00	41.57 2.18 0.00	36.27 2.06 0.00	37.30 2.17 0.00	47.90 2.93 0.00	104.36 6.22 0.00	101.88 5.34 0.00	83.13 4.11 0.00	128.41 6.90 0.00	130.80 7.22 0.00	101.52 5.73 0.00	95.28 5.85 0.00	95.68 6.17 0.00	73.99 4.70 0.00	64.19 3.91 0.00	67.73 4.56 0.00	70.00 4.60 0.00	73.82 4.53 0.00	71.23 4.28 0.00	62.78 3.99 0.00	57.52 3.71 0.00	55.21 3.38 0.00
IP CORINTH___1 23988	39.59 2.02 0.00	40.89 2.02 0.00	39.38 1.91 0.00	41.23 1.83 0.00	35.72 1.51 0.00	36.49 1.36 0.00	46.82 1.85 0.00	101.67 3.53 0.00	99.78 3.24 0.00	81.52 2.50 0.00	125.63 4.12 0.00	128.35 4.77 0.00	99.29 3.50 0.00	92.81 3.38 0.00	93.18 3.67 0.00	71.92 2.64 0.00	62.13 1.85 0.00	65.16 1.99 0.00	67.26 1.86 0.00	71.11 1.82 0.00	68.63 1.69 0.00	60.48 1.69 0.00	55.53 1.72 0.00	53.25 1.41 0.00
IP___TICONDEROGA 23804	41.53 3.96 0.00	42.67 3.79 0.00	40.98 3.51 0.00	43.07 3.68 0.00	37.38 3.16 0.00	38.54 3.41 0.00	50.04 5.07 0.00	107.70 9.55 0.00	105.43 8.89 0.00	85.82 6.80 0.00	132.45 10.94 0.00	136.29 12.70 0.00	104.67 8.88 0.00	98.92 9.49 0.00	99.52 10.01 0.00	77.14 7.85 0.00	65.95 5.67 0.00	69.36 6.19 0.00	71.25 5.85 0.00	75.29 6.00 0.00	72.04 5.10 0.00	63.95 5.16 0.00	59.07 5.27 0.00	56.24 4.40 0.00
ISLIP_RES_REC 323679	39.03 1.46 0.00	40.48 1.60 0.00	39.02 1.55 0.00	40.99 1.60 0.00	35.80 1.58 0.00	36.75 1.62 0.00	55.77 2.35 -8.46	127.49 5.90 -23.45	123.43 4.31 -22.57	99.14 3.60 -16.52	144.46 5.96 -16.99	153.29 6.35 -23.35	118.14 4.86 -17.49	107.58 4.45 -13.71	111.00 4.93 -16.56	88.43 3.48 -15.67	77.04 2.85 -13.91	76.45 2.51 -10.77	76.78 2.53 -8.85	106.95 3.25 -34.40	79.05 2.96 -9.15	68.98 2.87 -7.31	57.93 2.66 -1.47	54.83 2.17 -0.82

JAMAICA__27_KV_LOAD 355505	38.97 1.40 0.00	40.22 1.34 0.00	38.72 1.25 0.00	40.63 1.24 0.00	35.45 1.23 0.00	36.65 1.53 0.00	47.16 2.19 0.00	103.13 4.99 0.00	100.53 4.00 0.00	82.18 3.16 0.00	126.38 4.87 0.00	128.53 4.94 0.00	99.71 3.92 0.00	92.79 3.37 0.00	92.86 3.35 0.00	72.02 2.74 0.00	63.08 2.80 0.00	65.98 2.81 0.00	68.23 2.82 0.00	72.23 2.94 0.00	69.77 2.83 0.00	61.43 2.64 0.00	56.08 2.27 0.00	54.01 2.18 0.00
JANIS__SOLAR 323808	38.69 1.12 0.00	40.00 1.12 0.00	38.55 1.07 0.00	40.40 1.01 0.00	35.15 0.93 0.00	36.18 1.05 0.00	46.68 1.71 0.00	102.33 4.19 0.00	100.69 4.15 0.00	82.53 3.51 0.00	126.55 5.04 0.00	128.91 5.33 0.00	99.44 3.65 0.00	92.34 2.92 0.00	92.48 2.97 0.00	71.56 2.27 0.00	62.40 2.12 0.00	65.69 2.52 0.00	68.24 2.83 0.00	72.40 3.11 0.00	69.59 2.65 0.00	61.15 2.35 0.00	55.85 2.05 0.00	53.62 1.78 0.00
JARVIS____ 23743	37.56 -0.01 0.00	38.88 0.00 0.00	37.47 0.00 0.00	39.39 0.00 0.00	34.26 0.05 0.00	35.16 0.04 0.00	45.06 0.09 0.00	98.33 0.19 0.00	96.61 0.07 0.00	79.03 0.01 0.00	121.63 0.12 0.00	123.71 0.12 0.00	95.88 0.09 0.00	89.50 0.08 0.00	89.64 0.13 0.00	69.38 0.09 0.00	60.37 0.08 0.00	63.21 0.04 0.00	65.41 0.00 0.00	69.29 0.00 0.00	66.97 0.02 0.00	58.85 0.06 0.00	53.86 0.06 0.00	51.86 0.02 0.00
JENNISON____1 23625	38.68 1.11 0.00	40.05 1.16 0.00	38.59 1.11 0.00	40.31 0.91 0.00	35.00 0.79 0.00	35.99 0.86 0.00	46.49 1.52 0.00	102.08 3.94 0.00	100.58 4.04 0.00	82.27 3.25 0.00	126.61 5.10 0.00	128.32 4.73 0.00	98.98 3.19 0.00	91.68 2.25 0.00	91.72 2.21 0.00	70.83 1.54 0.00	61.90 1.62 0.00	64.78 1.61 0.00	67.02 1.62 0.00	71.17 1.87 0.00	68.28 1.33 0.00	60.26 1.46 0.00	55.18 1.37 0.00	52.50 0.66 0.00
JENNISON____2 23626	38.68 1.11 0.00	40.05 1.16 0.00	38.59 1.11 0.00	40.31 0.91 0.00	35.00 0.79 0.00	35.99 0.86 0.00	46.49 1.52 0.00	102.08 3.94 0.00	100.58 4.04 0.00	82.27 3.25 0.00	126.61 5.10 0.00	128.32 4.73 0.00	98.98 3.19 0.00	91.68 2.25 0.00	91.72 2.21 0.00	70.83 1.54 0.00	61.90 1.62 0.00	64.78 1.61 0.00	67.02 1.62 0.00	71.17 1.87 0.00	68.28 1.33 0.00	60.26 1.46 0.00	55.18 1.37 0.00	52.50 0.66 0.00
JERICOHO_RISE_WT_PWR 323719	38.48 0.91 0.00	39.73 0.85 0.00	38.28 0.81 0.00	40.23 0.84 0.00	34.75 0.53 0.00	35.69 0.57 0.00	45.48 0.51 0.00	99.34 1.20 0.00	98.28 1.75 0.00	80.67 1.65 0.00	123.02 1.51 0.00	125.19 1.61 0.00	96.95 1.16 0.00	90.52 1.10 0.00	90.43 0.92 0.00	69.98 0.69 0.00	60.85 0.56 0.00	63.81 0.64 0.00	66.18 0.78 0.00	70.20 0.90 0.00	67.85 0.90 0.00	59.48 0.68 0.00	54.52 0.72 0.00	52.74 0.90 0.00
KATONAH__115KV_46KV_TB4 355592	38.64 1.07 0.00	39.97 1.09 0.00	38.51 1.04 0.00	40.44 1.04 0.00	35.21 0.99 0.00	36.33 1.20 0.00	46.74 1.77 0.00	102.19 4.05 0.00	99.69 3.15 0.00	81.46 2.44 0.00	125.46 3.95 0.00	127.63 4.05 0.00	98.98 3.19 0.00	92.23 2.81 0.00	92.49 2.98 0.00	71.69 2.40 0.00	62.63 2.35 0.00	65.61 2.43 0.00	67.87 2.46 0.00	71.96 2.66 0.00	69.51 2.57 0.00	61.16 2.36 0.00	55.89 2.08 0.00	53.75 1.92 0.00
KCE_NY_1 323755	39.07 1.50 0.00	40.42 1.54 0.00	38.91 1.43 0.00	40.84 1.45 0.00	35.48 1.26 0.00	36.37 1.24 0.00	46.72 1.75 0.00	101.58 3.45 0.00	99.65 3.12 0.00	81.40 2.38 0.00	125.37 3.86 0.00	127.83 4.24 0.00	99.06 3.27 0.00	92.57 3.15 0.00	92.87 3.36 0.00	71.69 2.40 0.00	62.23 1.95 0.00	65.15 1.97 0.00	67.31 1.90 0.00	71.22 1.92 0.00	68.65 1.71 0.00	60.46 1.67 0.00	55.34 1.53 0.00	53.22 1.38 0.00
KCE_NY_6_ESR 323823	37.08 -0.49 0.00	38.38 -0.50 0.00	37.00 -0.47 0.00	38.97 -0.42 0.00	33.76 -0.46 0.00	34.68 -0.44 0.00	43.72 -1.25 0.00	95.39 -2.75 0.00	94.53 -2.01 0.00	77.76 -1.26 0.00	120.58 -0.94 0.00	121.63 -1.95 0.00	93.97 -1.82 0.00	86.85 -2.58 0.00	86.39 -3.12 0.00	66.99 -2.29 0.00	58.06 -2.22 0.00	61.73 -1.44 0.00	64.34 -1.06 0.00	67.82 -1.48 0.00	65.45 -1.50 0.00	57.86 -0.93 0.00	53.30 -0.50 0.00	52.05 0.21 0.00
KEDC_PORT_JEFF_GT2 24210	38.85 1.28 0.00	40.29 1.41 0.00	38.83 1.36 0.00	40.81 1.42 0.00	35.62 1.41 0.00	36.56 1.43 0.00	55.42 2.07 -8.39	126.55 5.15 -23.26	122.54 3.60 -22.40	98.38 2.97 -16.39	143.38 5.00 -16.86	152.13 5.39 -23.16	117.15 4.02 -17.34	106.60 3.59 -13.59	109.96 4.04 -16.41	87.48 2.65 -15.54	76.08 2.00 -13.79	75.29 1.49 -10.63	75.56 1.47 -8.68	105.50 2.29 -33.91	77.97 2.05 -8.97	68.14 2.17 -7.17	57.35 2.11 -1.44	54.34 1.70 -0.80
KEDC_PORT_JEFF_GT3 24211	38.85 1.28 0.00	40.29 1.41 0.00	38.83 1.36 0.00	40.81 1.42 0.00	35.62 1.41 0.00	36.56 1.43 0.00	55.42 2.07 -8.39	126.55 5.15 -23.26	122.54 3.60 -22.40	98.38 2.97 -16.39	143.38 5.00 -16.86	152.13 5.39 -23.16	117.15 4.02 -17.34	106.60 3.59 -13.59	109.96 4.04 -16.41	87.48 2.65 -15.54	76.08 2.00 -13.79	75.29 1.49 -10.63	75.56 1.47 -8.68	105.50 2.29 -33.91	77.97 2.05 -8.97	68.14 2.17 -7.17	57.35 2.11 -1.44	54.34 1.70 -0.80
KEDC_GLWD_GT4 24219	38.87 1.30 0.00	40.22 1.34 0.00	38.76 1.29 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.50 1.37 0.00	46.99 2.03 0.00	102.87 4.73 0.00	100.21 3.67 0.00	81.92 2.90 0.00	126.20 4.69 0.00	132.69 5.00 -4.11	109.67 3.87 -10.01	100.15 3.48 -7.24	102.59 3.65 -9.42	72.96 2.86 -0.82	64.46 2.78 -1.39	65.92 2.74 0.00	68.19 2.77 -0.01	109.39 3.13 -36.97	69.92 2.97 -0.01	61.55 2.75 0.00	56.29 2.48 0.00	54.04 2.21 0.00
KEDC_GLWD_GT5 24220	38.87 1.30 0.00	40.22 1.34 0.00	38.76 1.29 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.50 1.37 0.00	46.99 2.03 0.00	102.87 4.73 0.00	100.21 3.67 0.00	81.92 2.90 0.00	126.20 4.69 0.00	132.69 5.00 -4.11	109.67 3.87 -10.01	100.15 3.48 -7.24	102.59 3.65 -9.42	72.96 2.86 -0.82	64.46 2.78 -1.39	65.92 2.74 0.00	68.19 2.77 -0.01	109.39 3.13 -36.97	69.92 2.97 -0.01	61.55 2.75 0.00	56.29 2.48 0.00	54.04 2.21 0.00
KENSICO____ 23655	38.55 0.98 0.00	39.87 0.99 0.00	38.43 0.96 0.00	40.35 0.96 0.00	35.14 0.92 0.00	36.24 1.11 0.00	46.62 1.65 0.00	101.96 3.82 0.00	99.42 2.88 0.00	81.20 2.18 0.00	125.09 3.58 0.00	127.20 3.62 0.00	98.66 2.87 0.00	91.93 2.50 0.00	92.16 2.66 0.00	71.43 2.14 0.00	62.44 2.15 0.00	65.37 2.20 0.00	67.62 2.22 0.00	71.70 2.40 0.00	69.25 2.31 0.00	60.96 2.17 0.00	55.72 1.91 0.00	53.60 1.76 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.67 1.10 0.00	39.99 1.12 0.00	38.53 1.06 0.00	40.48 1.09 0.00	35.26 1.05 0.00	36.34 1.21 0.00	46.80 1.83 0.00	102.40 4.27 0.00	100.07 3.53 0.00	81.74 2.72 0.00	125.91 4.40 0.00	128.16 4.57 0.00	99.44 3.64 0.00	92.69 3.27 0.00	92.90 3.38 0.00	72.07 2.78 0.00	63.03 2.75 0.00	66.09 2.92 0.00	68.40 3.00 0.00	72.49 3.20 0.00	70.06 3.11 0.00	61.58 2.78 0.00	56.21 2.40 0.00	54.02 2.18 0.00

KIAC_JFK_GT1 23816	38.84 1.27 0.00	40.10 1.22 0.00	38.61 1.14 0.00	40.51 1.12 0.00	35.34 1.13 0.00	36.54 1.42 0.00	46.99 2.02 0.00	102.76 4.62 0.00	100.19 3.65 0.00	81.88 2.86 0.00	125.97 4.46 0.00	128.09 4.50 0.00	99.39 3.60 0.00	92.45 3.03 0.00	92.54 3.03 0.00	71.77 2.48 0.00	62.85 2.57 0.00	65.74 2.57 0.00	67.96 2.56 0.00	71.95 2.65 0.00	69.50 2.56 0.00	61.19 2.40 0.00	55.87 2.07 0.00	53.81 1.98 0.00
KIAC_JFK_GT2 23817	38.84 1.27 0.00	40.10 1.22 0.00	38.61 1.14 0.00	40.51 1.12 0.00	35.34 1.13 0.00	36.54 1.42 0.00	46.99 2.02 0.00	102.76 4.62 0.00	100.19 3.65 0.00	81.88 2.86 0.00	125.97 4.46 0.00	128.09 4.50 0.00	99.39 3.60 0.00	92.45 3.03 0.00	92.54 3.03 0.00	71.77 2.48 0.00	62.85 2.57 0.00	65.74 2.57 0.00	67.96 2.56 0.00	71.95 2.65 0.00	69.50 2.56 0.00	61.19 2.40 0.00	55.87 2.07 0.00	53.81 1.98 0.00
KIAC_JFK____ 323774	38.84 1.27 0.00	40.10 1.22 0.00	38.61 1.14 0.00	40.51 1.12 0.00	35.34 1.13 0.00	36.54 1.42 0.00	46.99 2.02 0.00	102.77 4.63 0.00	100.19 3.65 0.00	81.88 2.86 0.00	125.97 4.46 0.00	128.08 4.50 0.00	99.39 3.60 0.00	92.47 3.04 0.00	92.54 3.03 0.00	71.78 2.49 0.00	62.84 2.56 0.00	65.74 2.57 0.00	67.96 2.56 0.00	71.95 2.65 0.00	69.50 2.56 0.00	61.19 2.39 0.00	55.87 2.07 0.00	53.82 1.98 0.00
KINTIGH__24_KV_GSU 356498	36.71 -0.86 0.00	37.99 -0.89 0.00	36.63 -0.85 0.00	38.59 -0.80 0.00	33.45 -0.76 0.00	34.33 -0.79 0.00	43.30 -1.67 0.00	94.27 -3.87 0.00	93.35 -3.19 0.00	76.82 -2.20 0.00	118.80 -2.72 0.00	120.02 -3.57 0.00	92.79 -3.01 0.00	85.82 -3.60 0.00	85.57 -3.94 0.00	66.30 -2.99 0.00	57.51 -2.77 0.00	61.07 -2.10 0.00	63.55 -1.86 0.00	67.00 -2.30 0.00	64.74 -2.21 0.00	57.19 -1.61 0.00	52.73 -1.08 0.00	51.46 -0.38 0.00
KINTIGH____ 23543	36.70 -0.87 0.00	37.97 -0.91 0.00	36.61 -0.87 0.00	38.58 -0.82 0.00	33.44 -0.77 0.00	34.32 -0.80 0.00	43.28 -1.69 0.00	94.22 -3.92 0.00	93.28 -3.26 0.00	76.77 -2.25 0.00	118.72 -2.79 0.00	119.96 -3.62 0.00	92.73 -3.06 0.00	85.84 -3.58 0.00	85.51 -4.00 0.00	66.26 -3.03 0.00	57.50 -2.79 0.00	61.03 -2.15 0.00	63.51 -1.90 0.00	66.96 -2.34 0.00	64.69 -2.26 0.00	57.16 -1.64 0.00	52.69 -1.11 0.00	51.42 -0.42 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.74 1.17 0.00	40.00 1.12 0.00	38.54 1.06 0.00	40.49 1.10 0.00	34.97 0.76 0.00	35.88 0.75 0.00	45.60 0.63 0.00	99.67 1.53 0.00	98.72 2.18 0.00	81.07 2.05 0.00	122.87 1.36 0.00	124.96 1.38 0.00	96.74 0.95 0.00	90.31 0.88 0.00	90.20 0.69 0.00	69.85 0.56 0.00	60.80 0.52 0.00	63.83 0.65 0.00	66.22 0.81 0.00	70.22 0.93 0.00	67.88 0.93 0.00	59.50 0.70 0.00	54.67 0.87 0.00	53.02 1.19 0.00
LACHUTE____HYDRO 323717	41.53 3.96 0.00	42.67 3.79 0.00	40.98 3.51 0.00	43.07 3.68 0.00	37.38 3.16 0.00	38.54 3.41 0.00	50.04 5.07 0.00	107.69 9.55 0.00	105.43 8.89 0.00	85.82 6.79 0.00	132.45 10.94 0.00	136.27 12.69 0.00	104.67 8.88 0.00	98.92 9.49 0.00	99.52 10.00 0.00	77.14 7.85 0.00	65.95 5.67 0.00	69.36 6.19 0.00	71.25 5.85 0.00	75.29 5.99 0.00	72.04 5.10 0.00	63.95 5.16 0.00	59.07 5.27 0.00	56.24 4.40 0.00
LAWRNCALV_115KV_TB1 80681	39.16 1.59 0.00	40.43 1.55 0.00	38.98 1.50 0.00	40.98 1.59 0.00	35.35 1.13 0.00	36.34 1.21 0.00	46.52 1.55 0.00	101.68 3.55 0.00	100.67 4.13 0.00	82.65 3.63 0.00	126.40 4.89 0.00	128.57 4.99 0.00	99.45 3.66 0.00	92.83 3.40 0.00	92.47 2.96 0.00	71.22 1.94 0.00	61.75 1.47 0.00	64.65 1.47 0.00	67.06 1.66 0.00	71.33 2.04 0.00	69.53 2.58 0.00	60.99 2.20 0.00	55.78 1.97 0.00	53.81 1.97 0.00
LEDERLE____ 23769	38.61 1.03 0.00	39.93 1.05 0.00	38.49 1.02 0.00	40.40 1.01 0.00	35.18 0.97 0.00	36.30 1.17 0.00	46.80 1.83 0.00	102.43 4.29 0.00	99.91 3.37 0.00	81.57 2.55 0.00	125.57 4.06 0.00	127.57 3.99 0.00	98.95 3.16 0.00	92.20 2.78 0.00	92.42 2.91 0.00	71.65 2.36 0.00	62.67 2.39 0.00	65.70 2.53 0.00	67.98 2.57 0.00	72.07 2.78 0.00	69.58 2.64 0.00	61.24 2.44 0.00	55.92 2.11 0.00	53.77 1.94 0.00
LIGHTHSE_115KV_TB6 355974	37.02 -0.55 0.00	38.32 -0.56 0.00	36.86 -0.61 0.00	38.79 -0.60 0.00	33.80 -0.42 0.00	34.64 -0.49 0.00	44.48 -0.49 0.00	97.30 -0.84 0.00	95.77 -0.77 0.00	78.61 -0.41 0.00	121.26 -0.24 0.00	123.15 -0.43 0.00	95.45 -0.34 0.00	88.96 -0.46 0.00	88.53 -0.98 0.00	68.56 -0.73 0.00	59.57 -0.71 0.00	62.58 -0.59 0.00	64.84 -0.57 0.00	68.52 -0.77 0.00	66.12 -0.82 0.00	58.04 -0.76 0.00	53.11 -0.69 0.00	51.19 -0.65 0.00
LINDEN COGEN____ 23786	38.70 1.13 0.00	39.99 1.11 0.00	38.54 1.06 0.00	40.43 1.04 0.00	35.23 1.01 0.00	36.36 1.23 0.00	46.78 1.82 0.00	102.34 4.21 0.00	99.69 3.15 0.00	81.39 2.37 0.00	125.31 3.80 0.00	127.45 3.87 0.00	98.79 3.00 0.00	92.01 2.58 0.00	92.22 2.72 0.00	71.53 2.24 0.00	62.54 2.26 0.00	65.52 2.34 0.00	67.74 2.33 0.00	71.81 2.51 0.00	69.37 2.42 0.00	61.07 2.28 0.00	55.81 2.01 0.00	53.73 1.90 0.00
LINDHRST_69_KV_BK1 356055	39.18 1.61 0.00	40.59 1.71 0.00	39.09 1.62 0.00	41.05 1.65 0.00	35.78 1.57 0.00	36.76 1.64 0.00	50.12 2.44 -2.71	111.60 5.95 -7.52	108.50 4.73 -7.23	88.14 3.82 -5.29	133.10 6.14 -5.45	139.62 6.55 -9.48	111.18 4.91 -10.48	101.86 4.52 -7.92	104.24 4.84 -9.89	78.42 3.71 -5.42	68.89 3.47 -5.13	69.54 3.32 -3.05	70.87 3.38 -2.08	101.15 3.99 -27.86	72.85 3.75 -2.15	63.98 3.47 -1.72	57.30 3.16 -0.34	54.68 2.66 -0.19
LIPA_MISC_IPP 23656	38.81 1.24 0.00	40.29 1.41 0.00	38.85 1.37 0.00	40.84 1.45 0.00	35.68 1.47 0.00	36.62 1.49 0.00	56.93 2.12 -9.84	130.72 5.29 -27.29	126.27 3.46 -26.27	101.14 2.89 -19.22	146.12 4.83 -19.78	155.59 5.27 -26.74	119.36 4.27 -19.30	108.43 3.82 -15.19	112.14 4.36 -18.28	90.46 3.03 -18.15	78.79 2.48 -16.04	77.92 1.95 -12.79	78.03 1.83 -10.79	108.70 2.53 -36.87	80.35 2.24 -11.16	69.96 2.26 -8.91	57.74 2.15 -1.79	54.55 1.72 -0.99
LISF____SOLAR 323691	38.87 1.29 0.00	40.35 1.47 0.00	38.91 1.43 0.00	40.89 1.50 0.00	35.73 1.51 0.00	36.68 1.55 0.00	56.74 2.19 -9.58	130.17 5.46 -26.57	125.76 3.64 -25.58	100.77 3.03 -18.72	145.78 5.02 -19.26	155.13 5.45 -26.10	119.14 4.40 -18.95	108.32 3.99 -14.91	111.98 4.52 -17.95	90.13 3.17 -17.68	78.48 2.57 -15.63	77.66 2.08 -12.41	77.78 1.96 -10.41	108.34 2.67 -36.37	80.09 2.37 -10.77	69.78 2.38 -8.61	57.78 2.25 -1.72	54.61 1.81 -0.96
LITTLE FALLS____HYD 24013	39.79 2.22 0.00	41.09 2.21 0.00	39.58 2.11 0.00	41.57 2.18 0.00	36.27 2.06 0.00	37.30 2.17 0.00	47.90 2.93 0.00	104.36 6.22 0.00	101.88 5.34 0.00	83.13 4.11 0.00	128.41 6.90 0.00	130.80 7.22 0.00	101.52 5.73 0.00	95.28 5.85 0.00	95.68 6.17 0.00	73.99 4.70 0.00	64.19 3.91 0.00	67.73 4.56 0.00	70.00 4.60 0.00	73.82 4.53 0.00	71.23 4.28 0.00	62.78 3.99 0.00	57.52 3.71 0.00	55.21 3.38 0.00

LITTLRIV_115KV_TB1 356100	39.66 2.09 0.00	40.95 2.07 0.00	39.49 2.01 0.00	41.53 2.13 0.00	35.83 1.62 0.00	36.84 1.71 0.00	47.22 2.26 0.00	103.32 5.19 0.00	102.32 5.78 0.00	84.02 5.00 0.00	128.55 7.05 0.00	130.73 7.14 0.00	101.06 5.27 0.00	94.35 4.93 0.00	94.04 4.54 0.00	72.46 3.17 0.00	62.82 2.54 0.00	65.88 2.71 0.00	68.37 2.97 0.00	72.70 3.40 0.00	70.76 3.82 0.00	62.06 3.26 0.00	56.68 2.87 0.00	54.65 2.81 0.00
LI_NEWBRDGE___DRP 323616	38.62 1.05 0.00	40.01 1.12 0.00	38.53 1.06 0.00	40.47 1.08 0.00	35.27 1.06 0.00	36.23 1.11 0.00	46.63 1.66 0.00	102.12 3.98 0.00	99.32 2.78 0.00	81.22 2.20 0.00	125.18 3.67 0.00	129.83 4.07 -2.18	104.22 3.12 -5.31	96.05 2.78 -3.84	97.57 3.06 -5.00	72.02 2.30 -0.43	63.26 2.24 -0.74	65.20 2.03 0.00	67.46 2.06 -0.01	91.49 2.49 -19.70	69.25 2.31 -0.01	61.02 2.23 0.00	55.88 2.07 0.00	53.57 1.73 0.00
LOCKPORT_115KV_TB60_63_64 80432	36.93 -0.64 0.00	38.20 -0.68 0.00	36.83 -0.65 0.00	38.82 -0.57 0.00	33.62 -0.59 0.00	34.39 -0.74 0.00	43.09 -1.88 0.00	93.73 -4.41 0.00	93.06 -3.48 0.00	76.75 -2.27 0.00	118.69 -2.82 0.00	119.87 -3.72 0.00	92.65 -3.14 0.00	85.61 -3.81 0.00	85.17 -4.34 0.00	66.06 -3.23 0.00	57.16 -3.12 0.00	60.82 -2.36 0.00	63.34 -2.07 0.00	66.69 -2.61 0.00	64.50 -2.44 0.00	57.10 -1.69 0.00	52.79 -1.02 0.00	51.70 -0.13 0.00
LOCKPORT___CC1 323769	36.89 -0.69 0.00	38.16 -0.72 0.00	36.79 -0.69 0.00	38.78 -0.61 0.00	33.58 -0.63 0.00	34.37 -0.76 0.00	43.08 -1.89 0.00	93.69 -4.45 0.00	92.99 -3.54 0.00	76.72 -2.30 0.00	118.66 -2.85 0.00	119.78 -3.80 0.00	92.58 -3.21 0.00	85.51 -3.92 0.00	85.12 -4.39 0.00	66.00 -3.29 0.00	57.13 -3.15 0.00	60.77 -2.40 0.00	63.31 -2.10 0.00	66.67 -2.63 0.00	64.46 -2.48 0.00	57.07 -1.73 0.00	52.73 -1.07 0.00	51.64 -0.19 0.00
LOCKPORT___CC2 323770	36.89 -0.69 0.00	38.16 -0.72 0.00	36.79 -0.69 0.00	38.78 -0.61 0.00	33.58 -0.63 0.00	34.37 -0.76 0.00	43.08 -1.89 0.00	93.69 -4.45 0.00	92.99 -3.54 0.00	76.72 -2.30 0.00	118.66 -2.85 0.00	119.78 -3.80 0.00	92.58 -3.21 0.00	85.51 -3.92 0.00	85.12 -4.39 0.00	66.00 -3.29 0.00	57.13 -3.15 0.00	60.77 -2.40 0.00	63.31 -2.10 0.00	66.67 -2.63 0.00	64.46 -2.48 0.00	57.07 -1.73 0.00	52.73 -1.07 0.00	51.64 -0.19 0.00
LOCKPORT___CC3 323771	36.89 -0.69 0.00	38.16 -0.72 0.00	36.79 -0.69 0.00	38.78 -0.61 0.00	33.58 -0.63 0.00	34.37 -0.76 0.00	43.08 -1.89 0.00	93.69 -4.45 0.00	92.99 -3.54 0.00	76.72 -2.30 0.00	118.66 -2.85 0.00	119.78 -3.80 0.00	92.58 -3.21 0.00	85.51 0.00 0.00	85.12 -4.39 0.00	66.00 -3.29 0.00	57.13 -3.15 0.00	60.77 -2.40 0.00	63.31 -2.10 0.00	66.67 0.00 0.00	64.46 -2.48 0.00	57.07 -1.73 0.00	52.73 -1.07 0.00	51.64 -0.19 0.00
LOCUSVLY_69_KV_BK2 55797	38.90 1.33 0.00	40.28 1.40 0.00	38.80 1.33 0.00	40.74 1.35 0.00	35.50 1.29 0.00	36.50 1.38 0.00	45.99 2.02 1.00	100.18 4.81 2.77	97.55 3.68 2.67	80.01 2.94 1.95	124.32 4.82 2.01	129.99 5.23 -1.17	107.34 4.03 -7.52	98.36 3.62 -5.31	100.46 3.89 -7.07	71.18 2.97 1.07	62.81 2.84 0.31	63.99 2.77 1.95	65.88 2.81 2.33	101.90 3.20 -29.40	67.54 3.00 2.41	59.68 2.81 1.93	55.98 2.56 0.39	53.86 2.24 0.22
LONG_LAKE_PHOENIX 24014	36.39 -1.19 0.00	37.68 -1.21 0.00	36.30 -1.18 0.00	38.17 -1.23 0.00	33.25 -0.96 0.00	34.14 -0.99 0.00	43.72 -1.24 0.00	95.45 -2.69 0.00	93.94 -2.60 0.00	76.91 -2.11 0.00	118.51 -3.00 0.00	120.47 -3.11 0.00	93.39 -2.40 0.00	87.02 -2.40 0.00	87.05 -2.46 0.00	67.41 -1.88 0.00	58.69 -1.59 0.00	61.62 -1.55 0.00	63.82 -1.59 0.00	67.51 -1.79 0.00	65.18 -1.76 0.00	57.25 -1.55 0.00	52.37 -1.44 0.00	50.46 -1.38 0.00
LOVETT___3 23632	38.43 0.86 0.00	39.75 0.87 0.00	38.32 0.85 0.00	40.22 0.83 0.00	35.03 0.82 0.00	36.13 1.01 0.00	46.58 1.61 0.00	101.88 3.75 0.00	99.38 2.84 0.00	81.12 2.09 0.00	124.76 3.25 0.00	126.78 3.20 0.00	98.33 2.54 0.00	91.62 2.19 0.00	91.86 2.35 0.00	71.20 1.91 0.00	62.25 1.97 0.00	65.23 2.05 0.00	67.48 2.07 0.00	71.55 2.26 0.00	69.10 2.16 0.00	60.82 2.03 0.00	55.58 1.78 0.00	53.47 1.63 0.00
LOVETT___4 23642	38.43 0.86 0.00	39.75 0.87 0.00	38.32 0.85 0.00	40.22 0.83 0.00	35.03 0.82 0.00	36.13 1.01 0.00	46.58 1.61 0.00	101.88 3.75 0.00	99.38 2.84 0.00	81.12 2.09 0.00	124.76 3.25 0.00	126.78 3.20 0.00	98.33 2.54 0.00	91.62 2.19 0.00	91.86 2.35 0.00	71.20 1.91 0.00	62.25 1.97 0.00	65.23 2.05 0.00	67.48 2.07 0.00	71.55 2.26 0.00	69.10 2.16 0.00	60.82 2.03 0.00	55.58 1.78 0.00	53.47 1.63 0.00
LOVETT___5 23593	38.43 0.86 0.00	39.75 0.87 0.00	38.32 0.85 0.00	40.22 0.83 0.00	35.03 0.82 0.00	36.13 1.01 0.00	46.58 1.61 0.00	101.88 3.75 0.00	99.38 2.84 0.00	81.12 2.09 0.00	124.76 3.25 0.00	126.78 3.20 0.00	98.33 2.54 0.00	91.62 2.19 0.00	91.86 2.35 0.00	71.20 1.91 0.00	62.25 1.97 0.00	65.23 2.05 0.00	67.48 2.07 0.00	71.55 2.26 0.00	69.10 2.16 0.00	60.82 2.03 0.00	55.58 1.78 0.00	53.47 1.63 0.00
LOWER RAQUET___HYD 24057	39.20 1.62 0.00	40.47 1.59 0.00	39.02 1.54 0.00	41.02 1.63 0.00	35.37 1.15 0.00	36.35 1.23 0.00	46.56 1.60 0.00	101.86 3.72 0.00	100.82 4.28 0.00	82.79 3.77 0.00	126.60 5.09 0.00	128.76 5.18 0.00	99.57 3.78 0.00	92.92 3.50 0.00	92.51 3.01 0.00	71.18 1.89 0.00	61.70 1.42 0.00	64.55 1.37 0.00	66.96 1.56 0.00	71.28 1.98 0.00	69.61 2.67 0.00	61.06 2.26 0.00	55.82 2.02 0.00	53.84 2.00 0.00
LOWER___HUDSON 24059	38.28 0.70 0.00	39.60 0.72 0.00	38.16 0.69 0.00	40.06 0.66 0.00	34.88 0.67 0.00	35.74 0.61 0.00	45.81 0.84 0.00	99.65 1.51 0.00	97.78 1.23 0.00	79.82 0.80 0.00	122.91 1.40 0.00	125.24 1.65 0.00	97.09 1.30 0.00	90.69 1.27 0.00	90.97 1.46 0.00	70.18 0.89 0.00	60.81 0.52 0.00	63.62 0.45 0.00	65.74 0.33 0.00	69.60 0.30 0.00	67.22 0.28 0.00	59.16 0.36 0.00	54.20 0.39 0.00	52.15 0.32 0.00
LOWVILLE_115KV_TB2 356335	38.59 1.02 0.00	39.95 1.07 0.00	38.48 1.01 0.00	40.51 1.11 0.00	35.23 1.01 0.00	36.22 1.09 0.00	46.70 1.73 0.00	102.37 4.23 0.00	100.85 4.31 0.00	82.70 3.68 0.00	127.23 5.72 0.00	129.13 5.55 0.00	99.92 4.13 0.00	93.18 3.76 0.00	92.98 3.47 0.00	71.92 2.63 0.00	62.50 2.22 0.00	65.56 2.38 0.00	67.95 2.54 0.00	71.77 2.48 0.00	69.36 2.41 0.00	60.83 2.04 0.00	55.51 1.71 0.00	53.36 1.53 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.02 1.45 0.00	40.37 1.50 0.00	38.88 1.41 0.00	40.81 1.42 0.00	35.47 1.25 0.00	36.36 1.23 0.00	46.66 1.69 0.00	101.54 3.40 0.00	99.59 3.06 0.00	81.36 2.34 0.00	125.30 3.79 0.00	127.71 4.13 0.00	99.00 3.21 0.00	92.49 3.07 0.00	92.81 3.30 0.00	71.68 2.39 0.00	62.15 1.87 0.00	65.09 1.92 0.00	67.25 1.85 0.00	71.16 1.86 0.00	68.66 1.71 0.00	60.42 1.63 0.00	55.34 1.53 0.00	53.21 1.38 0.00

LUTHERNY_35_KV_BK2 355980	39.07 1.50 0.00	40.42 1.54 0.00	38.91 1.44 0.00	40.85 1.46 0.00	35.47 1.26 0.00	36.37 1.24 0.00	46.72 1.75 0.00	101.59 3.45 0.00	99.66 3.12 0.00	81.40 2.38 0.00	125.37 3.86 0.00	127.81 4.22 0.00	99.07 3.28 0.00	92.57 3.14 0.00	92.87 3.36 0.00	71.69 2.40 0.00	62.22 1.94 0.00	65.15 1.97 0.00	67.30 1.90 0.00	71.22 1.92 0.00	68.66 1.71 0.00	60.46 1.67 0.00	55.34 1.53 0.00	53.22 1.38 0.00
LWR___OSWEGATCHIE_HYD 23850	38.62 1.05 0.00	39.93 1.05 0.00	38.48 1.00 0.00	40.48 1.09 0.00	35.05 0.84 0.00	36.03 0.90 0.00	46.27 1.31 0.00	101.37 3.23 0.00	100.10 3.56 0.00	82.17 3.15 0.00	126.05 4.54 0.00	128.00 4.42 0.00	99.04 3.25 0.00	92.38 2.96 0.00	92.03 2.52 0.00	70.97 1.68 0.00	61.54 1.26 0.00	64.49 1.32 0.00	66.87 1.46 0.00	70.87 1.57 0.00	68.87 1.93 0.00	60.41 1.62 0.00	55.17 1.36 0.00	53.12 1.29 0.00
LYONS_FALL_HYD 23570	38.40 0.83 0.00	39.77 0.89 0.00	38.33 0.86 0.00	40.34 0.94 0.00	35.08 0.87 0.00	36.08 0.96 0.00	46.48 1.51 0.00	101.75 3.62 0.00	100.21 3.67 0.00	82.11 3.09 0.00	126.41 4.90 0.00	128.32 4.74 0.00	99.32 3.53 0.00	92.63 3.21 0.00	92.57 3.06 0.00	71.67 2.39 0.00	62.34 2.05 0.00	65.34 2.17 0.00	67.69 2.28 0.00	71.54 2.24 0.00	69.08 2.13 0.00	60.60 1.81 0.00	55.34 1.53 0.00	53.21 1.37 0.00
MADISON___COUNTY_LFGE 323628	38.25 0.67 0.00	39.70 0.81 0.00	38.31 0.83 0.00	40.28 0.89 0.00	35.08 0.87 0.00	36.11 0.98 0.00	46.46 1.50 0.00	101.56 3.42 0.00	99.95 3.42 0.00	81.81 2.79 0.00	126.07 4.57 0.00	128.06 4.48 0.00	99.17 3.39 0.00	92.45 3.03 0.00	92.62 3.11 0.00	71.81 2.52 0.00	62.57 2.29 0.00	65.40 2.23 0.00	67.68 2.27 0.00	71.55 2.26 0.00	69.01 2.06 0.00	60.57 1.77 0.00	55.30 1.50 0.00	53.20 1.37 0.00
MALONE___115KV_TB1 356076	39.06 1.49 0.00	40.32 1.44 0.00	38.87 1.39 0.00	40.84 1.45 0.00	35.27 1.05 0.00	36.26 1.13 0.00	46.32 1.35 0.00	101.38 3.24 0.00	100.49 3.95 0.00	82.61 3.59 0.00	125.86 4.35 0.00	128.19 4.61 0.00	99.15 3.37 0.00	92.45 3.03 0.00	92.31 2.80 0.00	71.33 2.04 0.00	62.03 1.74 0.00	65.05 1.88 0.00	67.51 2.11 0.00	71.68 2.38 0.00	69.46 2.51 0.00	60.82 2.03 0.00	55.68 1.87 0.00	53.77 1.94 0.00
MAPLEWOD_115KV_TB3 80458	38.13 0.55 0.00	39.45 0.57 0.00	38.04 0.56 0.00	39.93 0.53 0.00	34.78 0.56 0.00	35.68 0.55 0.00	45.67 0.70 0.00	99.44 1.31 0.00	97.57 1.03 0.00	79.66 0.64 0.00	122.63 1.13 0.00	124.90 1.31 0.00	96.89 1.10 0.00	90.51 1.08 0.00	90.84 1.33 0.00	70.17 0.88 0.00	60.89 0.61 0.00	63.69 0.52 0.00	65.82 0.41 0.00	69.68 0.38 0.00	67.33 0.39 0.00	59.22 0.43 0.00	54.21 0.41 0.00	52.17 0.33 0.00
MAPLE_RIDGE_WT_1 323574	37.79 0.21 0.00	39.08 0.19 0.00	37.66 0.19 0.00	39.59 0.20 0.00	34.36 0.14 0.00	35.27 0.14 0.00	45.11 0.14 0.00	98.45 0.31 0.00	96.97 0.43 0.00	79.41 0.39 0.00	122.00 0.49 0.00	124.08 0.50 0.00	96.18 0.39 0.00	89.80 0.37 0.00	89.86 0.35 0.00	69.52 0.24 0.00	60.47 0.19 0.00	63.38 0.21 0.00	65.66 0.25 0.00	69.55 0.25 0.00	67.22 0.27 0.00	59.03 0.23 0.00	54.02 0.22 0.00	52.08 0.24 0.00
MAPLE_RIDGE_WT_2 323611	37.79 0.21 0.00	39.08 0.19 0.00	37.66 0.19 0.00	39.59 0.20 0.00	34.36 0.14 0.00	35.27 0.14 0.00	45.11 0.14 0.00	98.45 0.31 0.00	96.97 0.43 0.00	79.41 0.39 0.00	122.00 0.49 0.00	124.08 0.50 0.00	96.18 0.39 0.00	89.80 0.37 0.00	89.86 0.35 0.00	69.52 0.24 0.00	60.47 0.19 0.00	63.38 0.21 0.00	65.66 0.25 0.00	69.55 0.25 0.00	67.22 0.27 0.00	59.03 0.23 0.00	54.02 0.22 0.00	52.08 0.24 0.00
MARBLE_RIVER_WT_PWR 323696	38.42 0.85 0.00	39.68 0.80 0.00	38.23 0.76 0.00	40.17 0.78 0.00	34.71 0.50 0.00	35.63 0.50 0.00	45.35 0.39 0.00	99.04 0.91 0.00	97.97 1.43 0.00	80.41 1.39 0.00	122.52 1.01 0.00	124.67 1.09 0.00	96.57 0.78 0.00	90.16 0.74 0.00	90.07 0.56 0.00	69.70 0.41 0.00	60.60 0.32 0.00	63.55 0.38 0.00	65.91 0.50 0.00	69.89 0.60 0.00	67.55 0.60 0.00	59.23 0.44 0.00	54.33 0.53 0.00	52.59 0.76 0.00
MARSHVLE_115KV_TB1 80742	37.64 0.07 0.00	38.89 0.00 0.00	37.44 -0.04 0.00	39.41 0.02 0.00	34.32 0.11 0.00	35.30 0.18 0.00	45.16 0.20 0.00	98.86 0.72 0.00	97.13 0.59 0.00	79.65 0.62 0.00	123.29 1.78 0.00	125.10 1.51 0.00	97.07 1.28 0.00	90.84 1.41 0.00	91.13 1.62 0.00	70.50 1.22 0.00	61.29 1.01 0.00	63.96 0.79 0.00	66.11 0.70 0.00	70.03 0.73 0.00	67.50 0.56 0.00	59.15 0.36 0.00	54.32 0.51 0.00	52.27 0.43 0.00
MARSH_HILL_WT_PWR 323713	37.28 -0.29 0.00	38.61 -0.27 0.00	37.20 -0.27 0.00	39.04 -0.35 0.00	33.81 -0.40 0.00	34.96 -0.17 0.00	44.48 -0.48 0.00	97.24 -0.90 0.00	96.15 -0.39 0.00	78.63 -0.39 0.00	121.87 0.36 0.00	122.65 -0.93 0.00	94.61 -1.18 0.00	87.27 -2.16 0.00	86.32 -3.19 0.00	67.03 -2.26 0.00	58.27 -2.01 0.00	61.95 -1.23 0.00	64.47 -0.93 0.00	68.07 -1.23 0.00	65.50 -1.45 0.00	57.88 -0.92 0.00	53.12 -0.68 0.00	51.77 -0.06 0.00
MCINTYRE_115KV_TB2 80467	39.86 2.29 0.00	41.15 2.27 0.00	39.68 2.20 0.00	41.73 2.33 0.00	36.01 1.80 0.00	37.03 1.90 0.00	47.47 2.50 0.00	103.83 5.69 0.00	102.82 6.28 0.00	84.44 5.42 0.00	129.20 7.69 0.00	131.34 7.76 0.00	101.60 5.81 0.00	94.81 5.39 0.00	94.61 5.09 0.00	73.04 3.75 0.00	63.39 3.11 0.00	66.56 3.39 0.00	69.08 3.67 0.00	73.34 4.04 0.00	71.18 4.24 0.00	62.42 3.62 0.00	56.97 3.16 0.00	54.94 3.10 0.00
MECO_____69_KV_BK1 80468	38.62 1.05 0.00	39.91 1.03 0.00	38.43 0.95 0.00	40.42 1.03 0.00	35.23 1.01 0.00	36.26 1.13 0.00	46.57 1.61 0.00	101.88 3.75 0.00	99.81 3.27 0.00	81.73 2.70 0.00	126.23 4.72 0.00	127.88 4.30 0.00	99.39 3.60 0.00	93.26 3.83 0.00	93.77 4.26 0.00	72.57 3.28 0.00	63.16 2.88 0.00	66.14 2.97 0.00	68.34 2.93 0.00	72.33 3.03 0.00	69.70 2.76 0.00	61.05 2.25 0.00	55.86 2.05 0.00	53.68 1.84 0.00
MENANDS___115KV_TB5 355628	37.95 0.38 0.00	39.27 0.39 0.00	37.87 0.40 0.00	39.75 0.35 0.00	34.63 0.42 0.00	35.52 0.39 0.00	45.44 0.47 0.00	98.91 0.77 0.00	97.01 0.47 0.00	79.21 0.19 0.00	121.94 0.43 0.00	124.15 0.57 0.00	96.31 0.52 0.00	89.97 0.54 0.00	90.32 0.81 0.00	69.77 0.48 0.00	60.52 0.24 0.00	63.29 0.12 0.00	65.39 -0.02 0.00	69.22 -0.07 0.00	66.93 -0.02 0.00	58.87 0.08 0.00	53.91 0.10 0.00	51.88 0.05 0.00
MG INDUSTRY___DRP 24185	37.96 0.39 0.00	39.33 0.44 0.00	37.92 0.45 0.00	39.86 0.46 0.00	34.71 0.50 0.00	35.60 0.48 0.00	45.54 0.57 0.00	99.13 0.99 0.00	97.19 0.66 0.00	79.42 0.40 0.00	122.15 0.64 0.00	124.29 0.70 0.00	96.47 0.68 0.00	90.13 0.71 0.00	90.41 0.90 0.00	69.89 0.61 0.00	60.71 0.43 0.00	63.47 0.30 0.00	65.61 0.20 0.00	69.51 0.21 0.00	67.22 0.27 0.00	59.12 0.32 0.00	54.12 0.32 0.00	52.12 0.29 0.00

MID___OSWEGATCHIE_HYD 23849	38.62 1.05 0.00	39.93 1.05 0.00	38.48 1.00 0.00	40.48 1.09 0.00	35.05 0.84 0.00	36.03 0.90 0.00	46.27 1.31 0.00	101.37 3.23 0.00	100.10 3.56 0.00	82.17 3.15 0.00	126.05 4.54 0.00	128.00 4.42 0.00	99.04 3.25 0.00	92.38 2.96 0.00	92.03 2.52 0.00	70.97 1.68 0.00	61.54 1.26 0.00	64.49 1.32 0.00	66.87 1.46 0.00	70.87 1.57 0.00	68.87 1.93 0.00	60.41 1.62 0.00	55.17 1.36 0.00	53.12 1.29 0.00
MID___RAQUETTE_HYD 23851	39.20 1.62 0.00	40.47 1.59 0.00	39.02 1.54 0.00	41.02 1.63 0.00	35.37 1.15 0.00	36.35 1.23 0.00	46.56 1.60 0.00	101.86 3.72 0.00	100.82 4.28 0.00	82.79 3.77 0.00	126.60 5.09 0.00	128.76 5.18 0.00	99.57 3.78 0.00	92.92 3.50 0.00	92.52 3.01 0.00	71.18 1.89 0.00	61.70 1.42 0.00	64.55 1.37 0.00	66.96 1.56 0.00	71.28 1.98 0.00	69.61 2.66 0.00	61.06 2.27 0.00	55.82 2.02 0.00	53.84 2.00 0.00
MILLIKEN___1 23584	37.86 0.28 0.00	39.18 0.29 0.00	37.72 0.24 0.00	39.63 0.23 0.00	34.56 0.35 0.00	35.54 0.42 0.00	45.63 0.67 0.00	99.76 1.62 0.00	98.12 1.58 0.00	80.33 1.31 0.00	123.70 2.19 0.00	125.64 2.06 0.00	97.27 1.48 0.00	90.51 1.08 0.00	90.62 1.11 0.00	70.22 0.93 0.00	61.16 0.88 0.00	64.34 1.16 0.00	66.72 1.32 0.00	70.54 1.25 0.00	67.99 1.05 0.00	59.77 0.97 0.00	54.63 0.83 0.00	52.65 0.81 0.00
MILLIKEN___2 23585	37.86 0.28 0.00	39.18 0.29 0.00	37.72 0.24 0.00	39.63 0.23 0.00	34.56 0.35 0.00	35.54 0.42 0.00	45.63 0.67 0.00	99.76 1.62 0.00	98.12 1.58 0.00	80.33 1.31 0.00	123.70 2.19 0.00	125.64 2.06 0.00	97.27 1.48 0.00	90.51 1.08 0.00	90.62 1.11 0.00	70.22 0.93 0.00	61.16 0.88 0.00	64.34 1.16 0.00	66.72 1.32 0.00	70.54 1.25 0.00	67.99 1.05 0.00	59.77 0.97 0.00	54.63 0.83 0.00	52.65 0.81 0.00
MILLIKEN___DIESEL 23629	37.86 0.28 0.00	39.18 0.29 0.00	37.72 0.24 0.00	39.63 0.23 0.00	34.56 0.35 0.00	35.54 0.42 0.00	45.63 0.67 0.00	99.76 1.62 0.00	98.12 1.58 0.00	80.33 1.31 0.00	123.70 2.19 0.00	125.64 2.06 0.00	97.27 1.48 0.00	90.51 1.08 0.00	90.62 1.11 0.00	70.22 0.93 0.00	61.16 0.88 0.00	64.34 1.16 0.00	66.72 1.32 0.00	70.54 1.25 0.00	67.99 1.05 0.00	59.77 0.97 0.00	54.63 0.83 0.00	52.65 0.81 0.00
MILLSEAT___LFGE 323607	37.52 -0.05 0.00	38.80 -0.08 0.00	37.40 -0.07 0.00	39.42 0.03 0.00	34.20 -0.02 0.00	35.05 -0.08 0.00	44.17 -0.79 0.00	96.36 -1.77 0.00	95.67 -0.86 0.00	78.89 -0.13 0.00	121.97 0.46 0.00	123.19 -0.39 0.00	95.26 -0.53 0.00	88.03 -1.39 0.00	87.69 -1.82 0.00	67.96 -1.33 0.00	58.91 -1.37 0.00	62.68 -0.49 0.00	65.23 -0.18 0.00	68.69 -0.61 0.00	66.31 -0.63 0.00	58.57 -0.22 0.00	53.99 0.19 0.00	52.71 0.88 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.50 0.92 0.00	39.82 0.94 0.00	38.38 0.90 0.00	40.29 0.90 0.00	35.10 0.88 0.00	36.18 1.05 0.00	46.55 1.59 0.00	101.77 3.64 0.00	99.29 2.75 0.00	81.10 2.07 0.00	124.90 3.40 0.00	127.02 3.44 0.00	98.53 2.74 0.00	91.79 2.36 0.00	92.03 2.52 0.00	71.34 2.05 0.00	62.35 2.07 0.00	65.29 2.12 0.00	67.52 2.12 0.00	71.60 2.31 0.00	69.17 2.22 0.00	60.87 2.08 0.00	55.64 1.83 0.00	53.54 1.70 0.00
MILLWOOD_13_KV_LOAD 356217	38.57 0.99 0.00	39.89 1.01 0.00	38.45 0.98 0.00	40.36 0.97 0.00	35.17 0.95 0.00	36.25 1.12 0.00	46.65 1.68 0.00	101.99 3.86 0.00	99.52 2.98 0.00	81.27 2.25 0.00	125.16 3.65 0.00	127.28 3.70 0.00	98.74 2.95 0.00	91.99 2.57 0.00	92.22 2.71 0.00	71.49 2.21 0.00	62.50 2.22 0.00	65.47 2.30 0.00	67.72 2.31 0.00	71.80 2.51 0.00	69.34 2.39 0.00	61.03 2.24 0.00	55.77 1.97 0.00	53.65 1.81 0.00
MODEL_CITY_ENERGY 24167	36.67 -0.90 0.00	37.93 -0.95 0.00	36.57 -0.90 0.00	38.56 -0.83 0.00	33.39 -0.83 0.00	34.10 -1.03 0.00	42.64 -2.33 0.00	92.63 -5.51 0.00	91.96 -4.57 0.00	75.89 -3.13 0.00	117.30 -4.21 0.00	118.43 -5.15 0.00	91.59 -4.20 0.00	84.57 -4.86 0.00	84.21 -5.30 0.00	65.32 -3.97 0.00	56.49 -3.80 0.00	60.09 -3.08 0.00	62.59 -2.82 0.00	65.91 -3.38 0.00	63.78 -3.17 0.00	56.50 -2.29 0.00	52.28 -1.52 0.00	51.24 -0.60 0.00
MODERN_LFGE___ 323580	36.67 -0.90 0.00	37.93 -0.95 0.00	36.57 -0.90 0.00	38.56 -0.83 0.00	33.39 -0.83 0.00	34.10 -1.03 0.00	42.64 -2.33 0.00	92.63 -5.51 0.00	91.96 -4.57 0.00	75.89 -3.13 0.00	117.30 -4.21 0.00	118.43 -5.15 0.00	91.59 -4.20 0.00	84.57 -4.86 0.00	84.21 -5.30 0.00	65.32 -3.97 0.00	56.49 -3.80 0.00	60.09 -3.08 0.00	62.59 -2.82 0.00	65.91 -3.38 0.00	63.78 -3.17 0.00	56.50 -2.29 0.00	52.28 -1.52 0.00	51.24 -0.60 0.00
MOHAWK_PAPER___DRP 24187	38.13 0.55 0.00	39.45 0.57 0.00	38.04 0.56 0.00	39.93 0.53 0.00	34.78 0.56 0.00	35.68 0.55 0.00	45.67 0.70 0.00	99.44 1.31 0.00	97.57 1.03 0.00	79.66 0.64 0.00	122.63 1.13 0.00	124.90 1.31 0.00	96.89 1.10 0.00	90.51 1.08 0.00	90.84 1.33 0.00	70.17 0.88 0.00	60.89 0.61 0.00	63.69 0.52 0.00	65.82 0.41 0.00	69.68 0.38 0.00	67.33 0.39 0.00	59.22 0.43 0.00	54.21 0.41 0.00	52.17 0.33 0.00
MOHICAN___35_KV_115KV_LD 80490	39.72 2.14 0.00	41.02 2.14 0.00	39.50 2.02 0.00	41.39 2.00 0.00	35.91 1.69 0.00	36.74 1.62 0.00	47.24 2.27 0.00	102.50 4.36 0.00	100.57 4.03 0.00	82.10 3.08 0.00	126.53 5.03 0.00	129.33 5.75 0.00	100.02 4.23 0.00	93.58 4.16 0.00	93.95 4.44 0.00	72.57 3.28 0.00	62.65 2.37 0.00	65.71 2.54 0.00	67.80 2.40 0.00	71.69 2.39 0.00	69.11 2.17 0.00	60.93 2.13 0.00	55.94 2.13 0.00	53.64 1.80 0.00
MONGAUP___HYD 23641	38.77 1.19 0.00	40.03 1.15 0.00	38.57 1.10 0.00	40.50 1.11 0.00	35.28 1.06 0.00	36.33 1.21 0.00	46.77 1.80 0.00	102.27 4.13 0.00	99.97 3.43 0.00	81.54 2.52 0.00	125.39 3.88 0.00	127.86 4.27 0.00	99.00 3.21 0.00	92.37 2.94 0.00	92.64 3.13 0.00	71.83 2.54 0.00	62.81 2.53 0.00	65.97 2.80 0.00	68.36 2.96 0.00	72.52 3.22 0.00	70.07 3.12 0.00	61.53 2.74 0.00	56.19 2.39 0.00	54.01 2.18 0.00
MONTAUK___DIESEL 23721	38.60 1.03 0.00	40.74 1.85 0.00	39.56 2.09 0.00	41.81 2.41 0.00	36.63 2.42 0.00	37.71 2.58 0.00	58.27 3.58 -9.72	133.77 8.67 -26.96	129.21 6.71 -25.96	103.71 5.69 -18.99	150.16 9.10 -19.54	159.43 9.40 -26.45	122.36 7.43 -19.14	110.62 6.13 -15.06	115.04 7.41 -18.13	92.47 5.25 -17.93	79.91 3.77 -15.85	77.55 1.76 -12.62	76.24 0.22 -10.62	107.08 1.14 -36.64	78.59 0.66 -10.98	68.33 0.75 -8.78	56.23 0.67 -1.76	53.06 0.25 -0.98
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.66 0.09 0.00	38.94 0.06 0.00	37.62 0.15 0.00	39.60 0.21 0.00	34.30 0.09 0.00	35.40 0.27 0.00	44.93 -0.04 0.00	98.35 0.21 0.00	97.18 0.64 0.00	79.61 0.59 0.00	123.81 2.30 0.00	124.77 1.19 0.00	96.28 0.49 0.00	89.22 -0.20 0.00	88.66 -0.85 0.00	68.82 -0.47 0.00	59.58 -0.71 0.00	63.44 0.26 0.00	66.21 0.80 0.00	69.65 0.36 0.00	66.88 -0.07 0.00	58.91 0.12 0.00	54.03 0.22 0.00	52.54 0.70 0.00

MORRIS_RIDGE___SOLAR 323848	36.83 -0.74 0.00	38.14 -0.75 0.00	36.78 -0.70 0.00	38.65 -0.74 0.00	33.49 -0.72 0.00	34.54 -0.59 0.00	43.80 -1.17 0.00	95.74 -2.40 0.00	94.53 -2.01 0.00	77.34 -1.68 0.00	119.92 -1.59 0.00	120.82 -2.77 0.00	93.23 -2.56 0.00	86.17 -3.25 0.00	85.49 -4.02 0.00	66.38 -2.90 0.00	57.65 -2.64 0.00	61.34 -1.84 0.00	63.90 -1.51 0.00	67.31 -1.99 0.00	64.85 -2.10 0.00	57.36 -1.43 0.00	52.71 -1.09 0.00	51.35 -0.49 0.00
MORTIMER_115KV_TB3 55949	37.16 -0.41 0.00	38.44 -0.43 0.00	37.04 -0.43 0.00	39.01 -0.38 0.00	33.88 -0.33 0.00	34.83 -0.30 0.00	44.25 -0.72 0.00	96.80 -1.34 0.00	95.74 -0.80 0.00	78.71 -0.31 0.00	121.62 0.11 0.00	123.16 -0.42 0.00	95.28 -0.51 0.00	88.37 -1.06 0.00	88.13 -1.38 0.00	68.26 -1.03 0.00	59.32 -0.97 0.00	62.82 -0.35 0.00	65.26 -0.15 0.00	68.80 -0.49 0.00	66.40 -0.55 0.00	58.50 -0.29 0.00	53.72 -0.09 0.00	52.15 0.31 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	38.83 1.26 0.00	40.14 1.26 0.00	38.68 1.20 0.00	40.59 1.20 0.00	35.37 1.15 0.00	36.46 1.34 0.00	46.92 1.95 0.00	102.59 4.45 0.00	100.04 3.50 0.00	81.72 2.70 0.00	125.86 4.36 0.00	128.03 4.45 0.00	99.26 3.47 0.00	92.45 3.03 0.00	92.69 3.18 0.00	71.87 2.59 0.00	62.80 2.52 0.00	65.75 2.57 0.00	67.99 2.58 0.00	72.08 2.78 0.00	69.65 2.71 0.00	61.30 2.51 0.00	56.05 2.25 0.00	53.96 2.13 0.00
MUNSVILLE_WIND_PWR 323609	39.63 2.06 0.00	40.90 2.02 0.00	39.46 1.98 0.00	41.20 1.81 0.00	35.72 1.50 0.00	36.70 1.57 0.00	47.67 2.70 0.00	104.64 6.50 0.00	103.21 6.67 0.00	84.72 5.70 0.00	130.42 8.91 0.00	132.53 8.95 0.00	101.94 6.15 0.00	94.08 4.66 0.00	94.10 4.59 0.00	72.59 3.30 0.00	63.29 3.00 0.00	66.51 3.34 0.00	69.21 3.80 0.00	73.91 4.62 0.00	70.80 3.86 0.00	62.30 3.51 0.00	56.85 3.05 0.00	54.35 2.51 0.00
N SALMON___HYD 24042	39.06 1.49 0.00	40.32 1.44 0.00	38.87 1.39 0.00	40.84 1.45 0.00	35.27 1.05 0.00	36.26 1.13 0.00	46.32 1.35 0.00	101.38 3.24 0.00	100.51 3.97 0.00	82.61 3.59 0.00	125.86 4.35 0.00	128.19 4.61 0.00	99.15 3.37 0.00	92.45 3.02 0.00	92.32 2.81 0.00	71.33 2.04 0.00	62.03 1.75 0.00	65.05 1.88 0.00	67.51 2.11 0.00	71.68 2.38 0.00	69.46 2.51 0.00	60.82 2.03 0.00	55.68 1.87 0.00	53.77 1.93 0.00
N.AKRON__115KV_KNAPP 355671	37.38 -0.19 0.00	38.66 -0.22 0.00	37.26 -0.22 0.00	39.28 -0.12 0.00	34.05 -0.16 0.00	34.88 -0.25 0.00	43.86 -1.10 0.00	95.61 -2.53 0.00	94.93 -1.61 0.00	78.28 -0.74 0.00	121.05 -0.46 0.00	122.25 -1.33 0.00	94.51 -1.29 0.00	87.38 -2.04 0.00	86.97 -2.54 0.00	67.40 -1.89 0.00	58.39 -1.89 0.00	62.14 -1.03 0.00	64.68 -0.72 0.00	68.09 -1.21 0.00	65.79 -1.15 0.00	58.15 -0.64 0.00	53.66 -0.14 0.00	52.46 0.62 0.00
N.E_GEN_SANDY PD 24062	38.09 0.52 0.00	39.41 0.53 0.00	37.98 0.51 0.00	39.85 0.46 0.00	34.73 0.52 0.00	32.35 0.46 3.24	45.56 0.59 0.00	98.96 0.82 0.00	97.17 0.63 0.00	79.28 0.26 0.00	120.59 0.57 1.49	124.35 0.77 0.00	96.38 0.59 0.00	90.11 0.68 0.00	90.50 1.00 0.00	71.83 0.42 -2.12	58.72 0.04 1.61	62.67 -0.15 0.34	58.95 -0.32 6.14	61.75 -0.36 7.19	59.29 -0.31 7.34	52.33 -0.15 6.32	53.80 0.00 0.00	51.81 -0.02 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.47 0.90 0.00	39.79 0.91 0.00	38.36 0.89 0.00	40.27 0.87 0.00	35.07 0.85 0.00	36.17 1.05 0.00	46.67 1.71 0.00	102.13 3.99 0.00	99.58 3.05 0.00	81.32 2.31 0.00	125.01 3.50 0.00	126.95 3.37 0.00	98.46 2.68 0.00	91.78 2.35 0.00	92.00 2.49 0.00	71.30 2.02 0.00	62.36 2.08 0.00	65.35 2.18 0.00	67.61 2.21 0.00	71.69 2.39 0.00	69.23 2.29 0.00	60.94 2.14 0.00	55.67 1.87 0.00	53.55 1.72 0.00
N.QUEENS_27_KV_LOAD 356247	38.75 1.18 0.01	40.04 1.16 0.01	38.58 1.11 0.01	40.48 1.10 0.01	35.28 1.07 0.00	36.47 1.35 0.00	46.90 1.93 0.00	102.59 4.45 0.00	100.09 3.55 0.00	81.69 2.67 0.00	125.99 4.48 0.00	128.22 4.64 0.00	99.27 3.48 0.00	92.38 2.96 0.00	92.77 3.26 0.00	72.10 2.82 0.00	62.86 2.58 0.00	65.75 2.58 0.00	68.03 2.62 0.00	72.09 2.80 0.00	69.64 2.69 0.00	61.25 2.46 0.00	56.05 2.25 0.00	53.93 2.10 0.00
N.TROY___115KV_TB1 355778	38.28 0.70 0.00	39.60 0.71 0.00	38.16 0.69 0.00	40.06 0.67 0.00	34.88 0.67 0.00	35.74 0.61 0.00	45.81 0.84 0.00	99.65 1.51 0.00	97.78 1.24 0.00	79.82 0.80 0.00	122.91 1.40 0.00	125.23 1.65 0.00	97.09 1.29 0.00	90.68 1.25 0.00	90.97 1.46 0.00	70.18 0.89 0.00	60.81 0.52 0.00	63.62 0.45 0.00	65.74 0.33 0.00	69.59 0.30 0.00	67.22 0.28 0.00	59.15 0.36 0.00	54.20 0.39 0.00	52.15 0.32 0.00
NARROWS_GT1_1 24228	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NARROWS_GT1_2 24229	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NARROWS_GT1_3 24230	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NARROWS_GT1_4 24231	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NARROWS_GT1_5 24232	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00

NARROWS_GT1_6 24233	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NARROWS_GT1_7 24234	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NARROWS_GT1_8 24235	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NARROWS_GT2_1 24236	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NARROWS_GT2_2 24237	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NARROWS_GT2_3 24238	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NARROWS_GT2_4 24239	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NARROWS_GT2_5 24240	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NARROWS_GT2_6 24241	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NARROWS_GT2_7 24242	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NARROWS_GT2_8 24243	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.72 2.70 0.00	125.74 4.23 0.00	128.01 4.43 0.00	99.31 3.53 0.00	92.50 3.07 0.00	92.78 3.27 0.00	72.07 2.79 0.00	62.94 2.66 0.00	65.90 2.73 0.00	68.18 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.42 0.84 0.00	39.76 0.87 0.00	38.33 0.85 0.00	40.26 0.86 0.00	35.09 0.87 0.00	36.00 0.88 0.00	46.13 1.17 0.00	100.57 2.43 0.00	98.77 2.23 0.00	80.65 1.63 0.00	123.93 2.42 0.00	126.17 2.59 0.00	98.16 2.37 0.00	91.92 2.49 0.00	92.28 2.77 0.00	71.40 2.12 0.00	62.03 1.74 0.00	64.95 1.78 0.00	67.10 1.70 0.00	70.94 1.64 0.00	68.51 1.57 0.00	60.20 1.41 0.00	55.01 1.20 0.00	52.87 1.03 0.00
NCHELSEA_115KV_TR2 355582	38.77 1.19 0.00	40.10 1.22 0.00	38.64 1.16 0.00	40.58 1.19 0.00	35.32 1.10 0.00	36.42 1.29 0.00	46.84 1.87 0.00	102.39 4.26 0.00	100.02 3.48 0.00	81.74 2.72 0.00	125.93 4.42 0.00	128.11 4.52 0.00	99.39 3.60 0.00	92.61 3.18 0.00	92.85 3.34 0.00	71.96 2.67 0.00	62.88 2.60 0.00	65.86 2.69 0.00	68.13 2.73 0.00	72.23 2.93 0.00	69.77 2.82 0.00	61.38 2.59 0.00	56.10 2.29 0.00	53.93 2.09 0.00
NEG CAPITAL___MECHNVIL 23645	39.01 1.44 0.00	40.35 1.47 0.00	38.87 1.40 0.00	40.79 1.40 0.00	35.47 1.26 0.00	36.37 1.24 0.00	46.68 1.72 0.00	101.61 3.47 0.00	99.69 3.15 0.00	81.41 2.39 0.00	125.42 3.91 0.00	127.84 4.25 0.00	99.11 3.32 0.00	92.64 3.22 0.00	92.97 3.46 0.00	71.76 2.48 0.00	62.23 1.95 0.00	65.18 2.01 0.00	67.36 1.95 0.00	71.24 1.95 0.00	68.73 1.78 0.00	60.48 1.69 0.00	55.37 1.57 0.00	53.23 1.39 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.33 -1.25 0.00	37.59 -1.29 0.00	36.22 -1.25 0.00	38.13 -1.26 0.00	33.17 -1.04 0.00	34.14 -0.99 0.00	43.50 -1.47 0.00	94.97 -3.17 0.00	93.84 -2.69 0.00	77.10 -1.93 0.00	119.03 -2.48 0.00	120.63 -2.95 0.00	93.37 -2.42 0.00	86.70 -2.73 0.00	86.59 -2.92 0.00	67.06 -2.23 0.00	58.32 -1.96 0.00	61.67 -1.50 0.00	63.98 -1.42 0.00	67.49 -1.80 0.00	65.08 -1.87 0.00	57.25 -1.54 0.00	52.50 -1.30 0.00	50.84 -1.00 0.00

NEG CENTRAL___DRP 24199	37.20 -0.37 0.00	38.50 -0.38 0.00	37.05 -0.42 0.00	38.97 -0.42 0.00	33.99 -0.22 0.00	34.96 -0.17 0.00	44.74 -0.22 0.00	97.79 -0.35 0.00	96.35 -0.19 0.00	79.00 -0.02 0.00	121.85 0.34 0.00	123.66 0.08 0.00	95.76 -0.03 0.00	89.05 -0.38 0.00	89.08 -0.43 0.00	69.01 -0.27 0.00	60.06 -0.22 0.00	63.30 0.13 0.00	65.61 0.20 0.00	69.23 -0.06 0.00	66.79 -0.15 0.00	58.71 -0.09 0.00	53.70 -0.10 0.00	51.85 0.02 0.00
NEG CENTRAL___INDECK 23768	38.37 0.79 0.00	39.67 0.79 0.00	38.24 0.77 0.00	40.24 0.85 0.00	34.95 0.73 0.00	36.05 0.92 0.00	45.98 1.01 0.00	100.87 2.73 0.00	99.81 3.27 0.00	81.89 2.87 0.00	126.46 4.96 0.00	127.55 3.96 0.00	98.31 2.53 0.00	90.56 1.14 0.00	88.51 -1.00 0.00	68.09 -1.20 0.00	59.33 -0.95 0.00	63.16 -0.01 0.00	65.67 0.27 0.00	69.19 -0.11 0.00	66.59 -0.35 0.00	60.19 1.40 0.00	55.50 1.70 0.00	53.88 2.04 0.00
NEG CENTRAL___SENECA 23627	37.21 -0.36 0.00	38.49 -0.39 0.00	37.08 -0.40 0.00	39.00 -0.39 0.00	33.98 -0.23 0.00	34.98 -0.14 0.00	44.71 -0.26 0.00	97.76 -0.38 0.00	96.43 -0.11 0.00	79.13 0.11 0.00	122.11 0.60 0.00	123.87 0.29 0.00	95.89 0.10 0.00	89.11 -0.31 0.00	89.07 -0.44 0.00	69.01 -0.28 0.00	60.04 -0.24 0.00	63.38 0.21 0.00	65.72 0.32 0.00	69.30 0.01 0.00	66.87 -0.08 0.00	58.76 -0.03 0.00	53.79 -0.02 0.00	51.99 0.15 0.00
NEG CENTRAL___STATE_STREET 24147	37.41 -0.16 0.00	38.72 -0.16 0.00	37.18 -0.30 0.00	39.05 -0.34 0.00	34.18 -0.04 0.00	35.13 0.00 0.00	45.01 0.04 0.00	98.34 0.20 0.00	96.76 0.22 0.00	79.24 0.22 0.00	122.10 0.59 0.00	124.03 0.45 0.00	96.07 0.28 0.00	89.17 -0.25 0.00	89.42 -0.08 0.00	69.30 0.02 0.00	60.34 0.06 0.00	63.52 0.34 0.00	65.81 0.40 0.00	69.31 0.02 0.00	66.90 -0.04 0.00	58.91 0.12 0.00	53.77 -0.03 0.00	51.94 0.11 0.00
NEG MILLWOOD___DRP 24198	38.80 1.23 0.00	40.13 1.25 0.00	38.67 1.19 0.00	40.60 1.21 0.00	35.35 1.14 0.00	36.47 1.34 0.00	46.93 1.96 0.00	102.65 4.52 0.00	100.20 3.66 0.00	81.89 2.87 0.00	126.13 4.62 0.00	128.32 4.74 0.00	99.55 3.76 0.00	92.78 3.35 0.00	93.02 3.51 0.00	72.10 2.81 0.00	63.02 2.74 0.00	66.03 2.86 0.00	68.31 2.90 0.00	72.40 3.11 0.00	69.92 2.97 0.00	61.51 2.71 0.00	56.20 2.39 0.00	54.03 2.19 0.00
NEG NORTH_FLCN_SEA 23793	38.47 0.90 0.00	39.72 0.84 0.00	38.27 0.80 0.00	40.21 0.81 0.00	34.74 0.52 0.00	35.57 0.44 0.00	45.03 0.06 0.00	98.30 0.16 0.00	97.31 0.78 0.00	79.86 0.83 0.00	120.63 -0.88 0.00	122.83 -0.75 0.00	95.10 -0.70 0.00	88.80 -0.63 0.00	88.66 -0.85 0.00	68.63 -0.66 0.00	59.71 -0.58 0.00	62.60 -0.58 0.00	64.92 -0.49 0.00	68.85 -0.45 0.00	66.54 -0.41 0.00	58.35 -0.44 0.00	53.79 -0.02 0.00	52.34 0.50 0.00
NEG NORTH_KES_CHATEGAY 23792	38.57 1.00 0.00	39.82 0.94 0.00	38.37 0.89 0.00	40.32 0.93 0.00	34.83 0.61 0.00	35.77 0.64 0.00	45.59 0.62 0.00	99.61 1.47 0.00	98.54 2.01 0.00	80.88 1.86 0.00	123.28 1.77 0.00	125.45 1.86 0.00	97.14 1.35 0.00	90.70 1.28 0.00	90.61 1.11 0.00	70.13 0.84 0.00	61.01 0.73 0.00	64.01 0.84 0.00	66.38 0.98 0.00	70.43 1.13 0.00	68.07 1.13 0.00	59.65 0.86 0.00	54.67 0.87 0.00	52.88 1.04 0.00
NEG NORTH___ALICE_FALLS 23915	38.74 1.17 0.00	40.00 1.12 0.00	38.54 1.06 0.00	40.49 1.10 0.00	34.97 0.76 0.00	35.88 0.75 0.00	45.60 0.63 0.00	99.67 1.53 0.00	98.72 2.18 0.00	81.07 2.05 0.00	122.87 1.36 0.00	124.96 1.38 0.00	96.74 0.95 0.00	90.31 0.88 0.00	90.20 0.69 0.00	69.85 0.56 0.00	60.80 0.52 0.00	63.83 0.65 0.00	66.22 0.81 0.00	70.22 0.93 0.00	67.88 0.93 0.00	59.50 0.70 0.00	54.67 0.87 0.00	53.02 1.19 0.00
NEG NORTH___LWR_SARANAC 23913	38.74 1.17 0.00	40.00 1.12 0.00	38.54 1.06 0.00	40.49 1.10 0.00	34.97 0.76 0.00	35.88 0.75 0.00	45.60 0.63 0.00	99.67 1.53 0.00	98.72 2.18 0.00	81.07 2.05 0.00	122.87 1.36 0.00	124.96 1.38 0.00	96.74 0.95 0.00	90.31 0.88 0.00	90.20 0.69 0.00	69.85 0.56 0.00	60.80 0.52 0.00	63.83 0.65 0.00	66.22 0.81 0.00	70.22 0.93 0.00	67.88 0.93 0.00	59.50 0.70 0.00	54.67 0.87 0.00	53.02 1.19 0.00
NEG NORTH___PLATTSBURG 23628	38.74 1.17 0.00	40.00 1.12 0.00	38.53 1.06 0.00	40.49 1.10 0.00	34.97 0.76 0.00	35.88 0.75 0.00	45.60 0.63 0.00	99.67 1.53 0.00	98.71 2.17 0.00	81.07 2.05 0.00	122.87 1.36 0.00	124.97 1.38 0.00	96.74 0.95 0.00	90.31 0.88 0.00	90.20 0.69 0.00	69.85 0.56 0.00	60.80 0.52 0.00	63.82 0.65 0.00	66.22 0.81 0.00	70.22 0.93 0.00	67.88 0.93 0.00	59.50 0.70 0.00	54.67 0.87 0.00	53.02 1.19 0.00
NEG WEST_LEA_LOCKPORT 23791	36.89 -0.69 0.00	38.16 -0.72 0.00	36.79 -0.69 0.00	38.78 -0.61 0.00	33.58 -0.63 0.00	34.36 -0.76 0.00	43.08 -1.89 0.00	93.72 -4.42 0.00	93.01 -3.53 0.00	76.72 -2.30 0.00	118.64 -2.87 0.00	119.80 -3.78 0.00	92.59 -3.20 0.00	85.57 -3.86 0.00	85.11 -4.40 0.00	66.00 -3.29 0.00	57.13 -3.15 0.00	60.77 -2.40 0.00	63.31 -2.09 0.00	66.66 -2.63 0.00	64.47 -2.47 0.00	57.06 -1.73 0.00	52.74 -1.06 0.00	51.64 -0.20 0.00
NEG WEST___LANCASTR 23811	36.72 -0.86 0.00	38.01 -0.87 0.00	36.66 -0.82 0.00	38.59 -0.80 0.00	33.44 -0.78 0.00	34.40 -0.73 0.00	43.48 -1.49 0.00	95.01 -3.13 0.00	93.88 -2.66 0.00	77.11 -1.91 0.00	119.68 -1.83 0.00	120.67 -2.91 0.00	93.22 -2.57 0.00	86.25 -3.17 0.00	85.79 -3.72 0.00	66.57 -2.71 0.00	57.72 -2.56 0.00	61.39 -1.78 0.00	64.03 -1.37 0.00	67.45 -1.85 0.00	65.05 -1.89 0.00	57.53 -1.26 0.00	52.93 -0.87 0.00	51.63 -0.21 0.00
NEG_PENN_ALLEGHNY 23528	37.45 -0.12 0.00	38.79 -0.09 0.00	37.39 -0.09 0.00	39.30 -0.10 0.00	34.19 -0.02 0.00	35.17 0.05 0.00	45.09 0.12 0.00	98.82 0.68 0.00	97.08 0.55 0.00	79.40 0.38 0.00	122.33 0.82 0.00	123.75 0.17 0.00	95.85 0.06 0.00	89.31 -0.11 0.00	89.29 -0.21 0.00	69.21 -0.07 0.00	60.25 -0.03 0.00	63.36 0.18 0.00	65.73 0.33 0.00	69.59 0.29 0.00	67.12 0.18 0.00	59.08 0.29 0.00	54.04 0.24 0.00	52.10 0.27 0.00
NEG___GEN_MONROE 24207	37.59 0.02 0.00	38.94 0.06 0.00	37.47 -0.01 0.00	39.47 0.08 0.00	34.35 0.14 0.00	35.33 0.20 0.00	44.83 -0.14 0.00	97.53 -0.61 0.00	96.56 0.02 0.00	79.42 0.39 0.00	122.93 1.42 0.00	124.43 0.84 0.00	96.11 0.32 0.00	89.07 -0.35 0.00	88.76 -0.75 0.00	68.76 -0.53 0.00	59.75 -0.54 0.00	63.34 0.17 0.00	65.84 0.43 0.00	69.39 0.09 0.00	66.94 0.00 0.00	58.99 0.20 0.00	54.18 0.38 0.00	52.70 0.86 0.00
NEPA___ENERGY 23901	36.56 -1.01 0.00	37.84 -1.04 0.00	36.55 -0.93 0.00	38.41 -0.99 0.00	33.25 -0.96 0.00	34.32 -0.81 0.00	43.58 -1.39 0.00	95.29 -2.85 0.00	93.76 -2.78 0.00	76.57 -2.46 0.00	119.19 -2.32 0.00	119.99 -3.59 0.00	92.62 -3.17 0.00	85.85 -3.58 0.00	85.27 -4.25 0.00	66.32 -2.97 0.00	57.44 -2.84 0.00	61.18 -1.99 0.00	63.93 -1.47 0.00	67.41 -1.88 0.00	64.88 -2.06 0.00	57.36 -1.44 0.00	52.66 -1.15 0.00	51.30 -0.54 0.00

NEVERSINK___HYD 23608	38.09 0.52 0.00	39.40 0.52 0.00	37.97 0.49 0.00	39.88 0.49 0.00	34.72 0.51 0.00	35.77 0.65 0.00	46.07 1.10 0.00	100.76 2.62 0.00	98.55 2.01 0.00	80.50 1.48 0.00	123.83 2.32 0.00	126.12 2.54 0.00	97.85 2.06 0.00	91.27 1.85 0.00	91.46 1.95 0.00	70.92 1.63 0.00	62.02 1.74 0.00	65.03 1.86 0.00	67.30 1.90 0.00	71.29 2.00 0.00	68.90 1.96 0.00	60.58 1.78 0.00	55.29 1.49 0.00	53.13 1.30 0.00
NEWKRMKL_115KV_TB1 55635	37.89 0.32 0.00	39.20 0.32 0.00	37.81 0.33 0.00	39.70 0.30 0.00	34.59 0.37 0.00	35.49 0.37 0.00	45.40 0.43 0.00	98.81 0.67 0.00	96.90 0.36 0.00	79.18 0.16 0.00	121.84 0.34 0.00	124.03 0.45 0.00	96.25 0.46 0.00	89.94 0.51 0.00	90.25 0.74 0.00	69.74 0.46 0.00	60.54 0.26 0.00	63.30 0.13 0.00	65.42 0.02 0.00	69.27 -0.03 0.00	66.95 0.00 0.00	58.87 0.07 0.00	53.87 0.07 0.00	51.85 0.02 0.00
NEWTON___FALLS_HYD 23847	38.62 1.05 0.00	39.93 1.05 0.00	38.48 1.00 0.00	40.48 1.09 0.00	35.05 0.84 0.00	36.03 0.90 0.00	46.27 1.31 0.00	101.37 3.23 0.00	100.10 3.56 0.00	82.17 3.15 0.00	126.05 4.54 0.00	128.00 4.42 0.00	99.04 3.25 0.00	92.38 2.96 0.00	92.03 2.52 0.00	70.97 1.68 0.00	61.54 1.26 0.00	64.49 1.32 0.00	66.87 1.46 0.00	70.87 1.57 0.00	68.87 1.93 0.00	60.41 1.62 0.00	55.17 1.36 0.00	53.12 1.29 0.00
NGRID_A1_DSASP 323792	36.22 -1.35 0.00	37.48 -1.41 0.00	36.13 -1.35 0.00	38.10 -1.29 0.00	32.97 -1.24 0.00	33.79 -1.34 0.00	42.29 -2.68 0.00	91.55 -6.59 0.00	90.84 -5.70 0.00	74.94 -4.08 0.00	115.93 -5.58 0.00	117.10 -6.49 0.00	90.48 -5.31 0.00	83.58 -5.84 0.00	83.17 -6.34 0.00	64.50 -4.79 0.00	55.84 -4.44 0.00	59.36 -3.81 0.00	61.82 -3.58 0.00	65.15 -4.14 0.00	63.04 -3.90 0.00	55.83 -2.97 0.00	51.72 -2.08 0.00	50.82 -1.01 0.00
NGRID_A2_DSASP 323793	36.22 -1.35 0.00	37.48 -1.41 0.00	36.13 -1.35 0.00	38.10 -1.29 0.00	32.97 -1.24 0.00	33.79 -1.34 0.00	42.29 -2.68 0.00	91.55 -6.59 0.00	90.84 -5.70 0.00	74.94 -4.08 0.00	115.93 -5.58 0.00	117.10 -6.49 0.00	90.48 -5.31 0.00	83.58 -5.84 0.00	83.17 -6.34 0.00	64.50 -4.79 0.00	55.84 -4.44 0.00	59.36 -3.81 0.00	61.82 -3.58 0.00	65.15 -4.14 0.00	63.04 -3.90 0.00	55.83 -2.97 0.00	51.72 -2.08 0.00	50.82 -1.01 0.00
NGRID_A4_DSASP 323807	36.22 -1.35 0.00	37.48 -1.41 0.00	36.13 -1.35 0.00	38.10 -1.29 0.00	32.97 -1.24 0.00	33.79 -1.34 0.00	42.29 -2.68 0.00	91.55 -6.59 0.00	90.84 -5.70 0.00	74.94 -4.08 0.00	115.93 -5.58 0.00	117.10 -6.49 0.00	90.48 -5.31 0.00	83.58 -5.84 0.00	83.17 -6.34 0.00	64.50 -4.79 0.00	55.84 -4.44 0.00	59.36 -3.81 0.00	61.82 -3.58 0.00	65.15 -4.14 0.00	63.04 -3.90 0.00	55.83 -2.97 0.00	51.72 -2.08 0.00	50.82 -1.01 0.00
NIAGARA_115E_LBMP 323715	36.55 -1.02 0.00	37.81 -1.07 0.00	36.45 -1.02 0.00	38.42 -0.97 0.00	33.27 -0.95 0.00	33.95 -1.18 0.00	42.38 -2.59 0.00	92.00 -6.14 0.00	91.32 -5.22 0.00	75.41 -3.62 0.00	116.53 -4.98 0.00	117.63 -5.95 0.00	90.99 -4.80 0.00	84.01 -5.42 0.00	83.66 -5.85 0.00	64.90 -4.38 0.00	56.11 -4.17 0.00	59.68 -3.49 0.00	62.16 -3.25 0.00	65.47 -3.82 0.00	63.37 -3.58 0.00	56.16 -2.64 0.00	52.00 -1.81 0.00	51.01 -0.82 0.00
NIAGARA_115W_LBMP 323714	36.17 -1.41 0.00	37.42 -1.47 0.00	36.07 -1.40 0.00	38.03 -1.37 0.00	32.92 -1.30 0.00	33.72 -1.41 0.00	42.20 -2.77 0.00	91.31 -6.83 0.00	90.60 -5.94 0.00	74.78 -4.24 0.00	115.70 -5.81 0.00	116.82 -6.77 0.00	90.29 -5.50 0.00	83.32 -6.11 0.00	82.99 -6.52 0.00	64.35 -4.94 0.00	55.70 -4.59 0.00	59.21 -3.96 0.00	61.66 -3.75 0.00	64.99 -4.31 0.00	62.88 -4.06 0.00	55.69 -3.10 0.00	51.59 -2.21 0.00	50.73 -1.10 0.00
NIAGARA_230_LBMP 323716	36.45 -1.13 0.00	37.71 -1.17 0.00	36.36 -1.12 0.00	38.34 -1.06 0.00	33.18 -1.03 0.00	34.00 -1.12 0.00	42.67 -2.30 0.00	92.79 -5.35 0.00	92.01 -4.53 0.00	75.84 -3.18 0.00	117.34 -4.17 0.00	118.48 -5.11 0.00	91.56 -4.23 0.00	84.56 -4.86 0.00	84.25 -5.26 0.00	65.30 -3.99 0.00	56.56 -3.72 0.00	60.14 -3.03 0.00	62.63 -2.78 0.00	66.00 -3.29 0.00	63.83 -3.12 0.00	56.46 -2.33 0.00	52.16 -1.65 0.00	51.10 -0.74 0.00
NIAGARA___115KV_198_GIBSON 55903	36.16 -1.41 0.00	37.42 -1.47 0.00	36.06 -1.41 0.00	38.03 -1.37 0.00	32.91 -1.30 0.00	33.72 -1.41 0.00	42.20 -2.77 0.00	91.32 -6.82 0.00	90.62 -5.92 0.00	74.77 -4.25 0.00	115.68 -5.83 0.00	116.82 -6.76 0.00	90.29 -5.50 0.00	83.37 -6.05 0.00	82.99 -6.51 0.00	64.35 -4.94 0.00	55.71 -4.58 0.00	59.21 -3.96 0.00	61.67 -3.73 0.00	64.98 -4.31 0.00	62.89 -4.06 0.00	55.69 -3.11 0.00	51.60 -2.21 0.00	50.73 -1.11 0.00
NIAGARA____ 23760	36.45 -1.13 0.00	37.71 -1.17 0.00	36.36 -1.12 0.00	38.34 -1.06 0.00	33.18 -1.03 0.00	34.00 -1.12 0.00	42.67 -2.30 0.00	92.79 -5.35 0.00	92.01 -4.53 0.00	75.84 -3.18 0.00	117.34 -4.17 0.00	118.48 -5.11 0.00	91.56 -4.23 0.00	84.56 -4.86 0.00	84.25 -5.26 0.00	65.30 -3.99 0.00	56.56 -3.72 0.00	60.14 -3.03 0.00	62.63 -2.78 0.00	66.00 -3.29 0.00	63.83 -3.12 0.00	56.46 -2.33 0.00	52.16 -1.65 0.00	51.10 -0.74 0.00
NINE_MILE_1 23575	36.12 -1.45 0.00	37.40 -1.49 0.00	36.02 -1.45 0.00	37.89 -1.51 0.00	33.00 -1.22 0.00	33.84 -1.28 0.00	43.31 -1.66 0.00	94.50 -3.64 0.00	92.96 -3.58 0.00	76.15 -2.87 0.00	117.26 -4.25 0.00	119.15 -4.44 0.00	92.34 -3.45 0.00	86.07 -3.36 0.00	86.14 -3.37 0.00	66.70 -2.58 0.00	58.03 -2.25 0.00	60.90 -2.27 0.00	63.07 -2.33 0.00	66.75 -2.55 0.00	64.46 -2.48 0.00	56.65 -2.15 0.00	51.85 -1.95 0.00	49.98 -1.85 0.00
NINE_MILE_2 23744	36.12 -1.45 0.00	37.40 -1.48 0.00	36.03 -1.45 0.00	37.89 -1.51 0.00	33.00 -1.22 0.00	33.84 -1.28 0.00	43.31 -1.66 0.00	94.50 -3.64 0.00	92.97 -3.57 0.00	76.16 -2.86 0.00	117.27 -4.24 0.00	119.15 -4.44 0.00	92.34 -3.45 0.00	86.07 -3.36 0.00	86.14 -3.37 0.00	66.71 -2.58 0.00	58.03 -2.25 0.00	60.90 -2.27 0.00	63.07 -2.33 0.00	66.75 -2.55 0.00	64.46 -2.48 0.00	56.65 -2.15 0.00	51.85 -1.95 0.00	49.98 -1.85 0.00
NM_CAPITAL___DRP 24208	37.89 0.32 0.00	39.21 0.33 0.00	37.81 0.33 0.00	39.70 0.30 0.00	34.59 0.37 0.00	35.47 0.34 0.00	45.37 0.41 0.00	98.74 0.60 0.00	96.85 0.32 0.00	79.11 0.09 0.00	121.72 0.21 0.00	123.95 0.36 0.00	96.17 0.38 0.00	89.85 0.43 0.00	90.17 0.66 0.00	69.64 0.35 0.00	60.44 0.16 0.00	63.17 0.00 0.00	65.28 -0.13 0.00	69.13 -0.17 0.00	66.84 -0.11 0.00	58.80 0.00 0.00	53.81 0.01 0.00	51.81 -0.02 0.00
NM_CENTRAL___DRP 24181	36.81 -0.76 0.00	38.11 -0.77 0.00	36.73 -0.75 0.00	38.61 -0.78 0.00	33.64 -0.57 0.00	34.53 -0.59 0.00	44.22 -0.75 0.00	96.52 -1.62 0.00	94.96 -1.58 0.00	77.77 -1.25 0.00	119.90 -1.61 0.00	121.80 -1.78 0.00	94.35 -1.44 0.00	87.95 -1.47 0.00	87.99 -1.52 0.00	68.17 -1.12 0.00	59.32 -0.96 0.00	62.28 -0.89 0.00	64.50 -0.90 0.00	68.23 -1.06 0.00	65.85 -1.09 0.00	57.84 -0.95 0.00	52.92 -0.88 0.00	50.99 -0.85 0.00

NM_FRONTIER___DRP 24179	36.16 -1.41 0.00	37.42 -1.47 0.00	36.06 -1.41 0.00	38.03 -1.37 0.00	32.91 -1.30 0.00	33.72 -1.41 0.00	42.20 -2.77 0.00	91.32 -6.82 0.00	90.62 -5.92 0.00	74.77 -4.25 0.00	115.68 -5.83 0.00	116.82 -6.76 0.00	90.29 -5.50 0.00	83.37 -6.05 0.00	82.99 -6.51 0.00	64.35 -4.94 0.00	55.71 -4.58 0.00	59.21 -3.96 0.00	61.67 -3.73 0.00	64.98 -4.31 0.00	62.89 -4.06 0.00	55.69 -3.11 0.00	51.60 -2.21 0.00	50.73 -1.11 0.00
NM_ST_REGIS___HYD 24053	39.21 1.63 0.00	40.47 1.59 0.00	39.02 1.54 0.00	41.02 1.63 0.00	35.37 1.16 0.00	36.36 1.24 0.00	46.53 1.57 0.00	101.84 3.70 0.00	100.85 4.32 0.00	82.84 3.82 0.00	126.49 4.98 0.00	128.72 5.14 0.00	99.54 3.75 0.00	92.89 3.46 0.00	92.53 3.02 0.00	71.28 1.99 0.00	61.82 1.54 0.00	64.73 1.56 0.00	67.15 1.75 0.00	71.44 2.14 0.00	69.63 2.68 0.00	61.06 2.27 0.00	55.84 2.03 0.00	53.87 2.03 0.00
NORTHPORT___1 23551	38.56 0.98 0.00	40.01 1.13 0.00	38.55 1.07 0.00	40.49 1.10 0.00	35.28 1.07 0.00	36.10 0.98 0.00	13.49 1.47 32.95	10.54 3.74 91.34	11.00 2.40 87.93	16.63 1.96 64.34	58.65 3.34 66.21	48.25 3.88 79.21	59.16 2.90 39.53	59.33 2.61 32.71	54.93 2.99 37.57	12.68 2.09 58.69	12.01 1.91 50.19	12.01 1.58 52.74	12.01 1.56 54.96	12.01 2.11 59.40	12.01 1.90 56.84	15.28 1.92 45.43	46.50 1.80 9.10	48.23 1.46 5.07
NORTHPORT___2 23552	38.56 0.98 0.00	40.01 1.13 0.00	38.55 1.07 0.00	40.49 1.10 0.00	35.28 1.07 0.00	36.10 0.98 0.00	13.49 1.47 32.95	10.54 3.74 91.34	11.00 2.40 87.93	16.63 1.96 64.34	58.65 3.34 66.21	48.25 3.88 79.21	59.16 2.90 39.53	59.33 2.61 32.71	54.93 2.99 37.57	12.68 2.09 58.69	12.01 1.91 50.19	12.01 1.58 52.74	12.01 1.56 54.96	12.01 2.11 59.40	12.01 1.90 56.84	15.28 1.92 45.43	46.50 1.80 9.10	48.23 1.46 5.07
NORTHPORT___3 23553	38.54 0.97 0.00	40.00 1.11 0.00	38.53 1.06 0.00	40.48 1.09 0.00	35.26 1.05 0.00	36.10 0.97 0.00	27.31 1.45 19.10	48.80 3.62 52.95	47.83 2.28 50.98	43.57 1.85 37.30	86.32 3.19 38.38	82.46 3.81 44.93	78.15 2.88 20.51	74.78 2.57 17.22	72.93 2.94 19.52	37.52 2.06 33.83	33.43 1.91 28.76	33.96 1.59 30.80	34.71 1.59 32.29	45.25 2.13 26.17	35.47 1.92 33.39	34.05 1.94 26.69	50.28 1.83 5.35	50.37 1.51 2.98
NORTHPORT___4 23650	38.54 0.97 0.00	40.00 1.11 0.00	38.53 1.06 0.00	40.48 1.09 0.00	35.26 1.05 0.00	36.10 0.97 0.00	27.31 1.45 19.10	48.80 3.62 52.95	47.83 2.28 50.98	43.57 1.85 37.30	86.32 3.19 38.38	82.46 3.81 44.93	78.15 2.88 20.51	74.78 2.57 17.22	72.93 2.94 19.52	37.52 2.06 33.83	33.43 1.91 28.76	33.96 1.59 30.80	34.71 1.59 32.29	45.25 2.13 26.17	35.47 1.92 33.39	34.05 1.94 26.69	50.28 1.83 5.35	50.37 1.51 2.98
NORTHPORT___IC 23718	38.56 0.98 0.00	40.01 1.13 0.00	38.55 1.07 0.00	40.49 1.10 0.00	35.28 1.07 0.00	36.11 0.98 0.00	13.49 1.47 32.95	10.54 3.74 91.34	11.00 2.40 87.93	16.64 1.97 64.34	58.66 3.35 66.21	48.27 3.90 79.21	59.16 2.90 39.53	59.32 2.60 32.71	54.94 3.00 37.57	12.68 2.08 58.69	12.01 1.92 50.19	12.01 1.58 52.74	12.02 1.57 54.96	12.00 2.11 59.40	12.00 1.90 56.84	15.27 1.91 45.43	46.50 1.80 9.10	48.23 1.46 5.07
NORTH___COUNTRY_ESR 323785	38.48 0.91 0.00	39.73 0.85 0.00	38.28 0.81 0.00	40.23 0.84 0.00	34.75 0.53 0.00	35.69 0.57 0.00	45.48 0.51 0.00	99.34 1.20 0.00	98.28 1.75 0.00	80.67 1.65 0.00	123.02 1.51 0.00	125.19 1.61 0.00	96.95 1.16 0.00	90.52 1.10 0.00	90.43 0.92 0.00	69.98 0.69 0.00	60.85 0.56 0.00	63.81 0.64 0.00	66.18 0.78 0.00	70.20 0.90 0.00	67.85 0.90 0.00	59.48 0.68 0.00	54.52 0.72 0.00	52.74 0.90 0.00
NPX_GEN_1385_PROXY 323591	38.33 0.76 0.00	39.78 0.89 0.00	38.37 0.90 0.00	40.31 0.91 0.00	33.81 1.00 1.41	30.20 0.69 5.62	15.45 1.48 31.00	10.75 3.94 91.34	11.46 2.86 87.93	22.24 2.61 59.39	58.56 3.25 66.21	48.18 3.81 79.21	59.37 3.11 39.53	59.57 2.85 32.71	55.20 3.26 37.57	15.79 2.70 56.19	36.29 2.44 26.42	12.51 2.08 52.74	21.72 2.13 45.81	12.58 2.68 59.40	13.53 2.48 55.90	15.67 2.31 45.43	46.74 2.03 9.10	47.93 1.17 5.07
NPX_GEN_CSC 323557	38.91 1.34 0.00	40.42 1.54 0.00	38.99 1.52 0.00	41.00 1.61 0.00	34.41 1.61 1.41	36.24 1.66 0.55	59.03 2.34 -11.72	131.04 5.80 -27.10	126.29 3.66 -26.09	101.19 3.07 -19.09	146.27 5.12 -19.64	155.73 5.57 -26.57	119.78 4.78 -19.21	108.85 4.31 -15.12	112.58 4.88 -18.19	90.76 3.45 -18.02	74.59 2.81 -11.50	78.13 2.26 -12.69	78.18 2.08 -10.69	108.84 2.81 -36.74	80.48 2.48 -11.06	70.09 2.46 -8.84	57.87 2.30 -1.77	54.67 1.85 -0.99
NSINS_S_GLNS_FALLS 23858	39.69 2.11 0.00	40.99 2.11 0.00	39.48 2.00 0.00	41.36 1.97 0.00	35.86 1.65 0.00	36.68 1.55 0.00	47.12 2.16 0.00	102.29 4.15 0.00	100.37 3.83 0.00	81.97 2.95 0.00	126.29 4.78 0.00	129.08 5.50 0.00	99.85 4.06 0.00	93.38 3.96 0.00	93.75 4.24 0.00	72.39 3.10 0.00	62.52 2.24 0.00	65.59 2.42 0.00	67.68 2.28 0.00	71.58 2.28 0.00	69.03 2.08 0.00	60.83 2.04 0.00	55.83 2.03 0.00	53.54 1.70 0.00
NUCOR_STEEL___DRP 24197	37.39 -0.18 0.00	38.70 -0.18 0.00	37.13 -0.34 0.00	39.01 -0.38 0.00	34.16 -0.05 0.00	35.09 -0.04 0.00	44.96 -0.01 0.00	98.25 0.11 0.00	96.64 0.10 0.00	79.13 0.11 0.00	121.92 0.42 0.00	123.88 0.29 0.00	95.97 0.18 0.00	89.05 -0.37 0.00	89.34 -0.17 0.00	69.23 -0.06 0.00	60.28 0.00 0.00	63.43 0.25 0.00	65.74 0.33 0.00	69.20 -0.10 0.00	66.80 -0.15 0.00	58.84 0.05 0.00	53.70 -0.11 0.00	51.89 0.05 0.00
NUMBER_THREE_WT_PWR 323818	38.57 1.00 0.00	39.93 1.04 0.00	38.46 0.98 0.00	40.48 1.09 0.00	35.21 0.99 0.00	36.19 1.07 0.00	46.67 1.70 0.00	102.28 4.14 0.00	100.80 4.26 0.00	82.64 3.62 0.00	127.16 5.65 0.00	129.03 5.45 0.00	99.84 4.05 0.00	93.10 3.67 0.00	92.89 3.38 0.00	71.85 2.56 0.00	62.43 2.15 0.00	65.48 2.31 0.00	67.87 2.47 0.00	71.69 2.39 0.00	69.28 2.33 0.00	60.77 1.98 0.00	55.46 1.65 0.00	53.31 1.48 0.00
NYISO_LBMP_REFERENCE 24008	37.57 0.00 0.00	38.88 0.00 0.00	37.47 0.00 0.00	39.39 0.00 0.00	34.22 0.00 0.00	35.12 0.00 0.00	44.97 0.00 0.00	98.14 0.00 0.00	96.54 0.00 0.00	79.02 0.00 0.00	121.51 0.00 0.00	123.58 0.00 0.00	95.79 0.00 0.00	89.42 0.00 0.00	89.51 0.00 0.00	69.29 0.00 0.00	60.28 0.00 0.00	63.17 0.00 0.00	65.41 0.00 0.00	69.29 0.00 0.00	66.94 0.00 0.00	58.79 0.00 0.00	53.80 0.00 0.00	51.84 0.00 0.00
NYPA_BRENTWD____GT 24164	39.11 1.54 0.00	40.55 1.67 0.00	39.06 1.59 0.00	41.03 1.64 0.00	35.78 1.56 0.00	36.70 1.57 0.00	56.31 2.42 -8.93	128.84 5.96 -24.74	124.97 4.61 -23.82	100.21 3.76 -17.43	145.64 6.20 -17.93	154.83 6.70 -24.55	118.74 4.72 -18.23	108.09 4.36 -14.30	111.56 4.79 -17.26	89.34 3.55 -16.51	78.31 3.39 -14.64	77.55 3.06 -11.31	77.68 3.04 -9.23	108.43 3.84 -35.30	80.03 3.53 -9.55	69.71 3.29 -7.63	58.33 3.00 -1.53	55.14 2.45 -0.85

NYPA_GOWANUS____GT5 24156	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.52 1.39 0.00	47.00 2.03 0.00	102.62 4.49 0.00	100.11 3.57 0.00	81.71 2.69 0.00	125.70 4.19 0.00	127.96 4.38 0.00	99.30 3.52 0.00	92.48 3.05 0.00	92.75 3.24 0.00	72.06 2.77 0.00	62.93 2.65 0.00	65.88 2.71 0.00	68.15 2.75 0.00	72.20 2.90 0.00	69.84 2.89 0.00	61.51 2.72 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NYPA_GOWANUS____GT6 24157	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.29 0.00	35.44 1.22 0.00	36.52 1.39 0.00	47.00 2.03 0.00	102.62 4.49 0.00	100.11 3.57 0.00	81.71 2.69 0.00	125.70 4.19 0.00	127.96 4.38 0.00	99.30 3.52 0.00	92.48 3.05 0.00	92.75 3.24 0.00	72.06 2.77 0.00	62.93 2.65 0.00	65.88 2.71 0.00	68.15 2.75 0.00	72.20 2.90 0.00	69.84 2.89 0.00	61.51 2.72 0.00	56.30 2.50 0.00	54.26 2.42 0.00
NYPA_HARLEM__RVR__GT1 24160	38.74 1.18 0.01	40.02 1.15 0.02	38.57 1.11 0.02	40.47 1.10 0.02	35.27 1.06 0.01	36.44 1.31 0.00	46.83 1.86 0.00	102.44 4.30 0.00	99.93 3.39 0.00	81.53 2.51 0.00	125.75 4.24 0.00	127.99 4.41 0.00	99.15 3.36 0.00	92.28 2.85 0.00	92.61 3.10 0.00	71.96 2.67 0.00	62.76 2.48 0.00	65.65 2.48 0.00	67.93 2.52 0.00	72.01 2.71 0.00	69.58 2.63 0.00	61.22 2.43 0.00	56.03 2.23 0.00	53.89 2.06 0.00
NYPA_HARLEM__RVR__GT2 24161	38.74 1.18 0.01	40.02 1.15 0.02	38.57 1.11 0.02	40.47 1.10 0.02	35.27 1.06 0.01	36.44 1.31 0.00	46.83 1.86 0.00	102.44 4.30 0.00	99.93 3.39 0.00	81.53 2.51 0.00	125.75 4.24 0.00	127.99 4.41 0.00	99.15 3.36 0.00	92.28 2.85 0.00	92.61 3.10 0.00	71.96 2.67 0.00	62.76 2.48 0.00	65.65 2.48 0.00	67.93 2.52 0.00	72.01 2.71 0.00	69.58 2.63 0.00	61.22 2.43 0.00	56.03 2.23 0.00	53.89 2.06 0.00
NYPA_KENT____GT 24152	38.96 1.38 0.00	40.24 1.36 0.00	38.79 1.31 0.00	40.69 1.30 0.00	35.45 1.23 0.00	36.53 1.40 0.00	46.99 2.03 0.00	102.65 4.52 0.00	100.10 3.56 0.00	81.72 2.70 0.00	125.80 4.29 0.00	128.06 4.48 0.00	99.31 3.53 0.00	92.49 3.06 0.00	92.74 3.23 0.00	72.01 2.72 0.00	62.91 2.63 0.00	65.85 2.68 0.00	68.13 2.72 0.00	72.19 2.89 0.00	69.77 2.82 0.00	61.45 2.66 0.00	56.24 2.44 0.00	54.21 2.38 0.00
NYPA_POUCHI____GT 24155	38.89 1.32 0.00	40.16 1.28 0.00	38.71 1.24 0.00	40.61 1.22 0.00	35.38 1.16 0.00	36.46 1.34 0.00	46.93 1.96 0.00	102.29 4.15 0.00	99.74 3.20 0.00	81.38 2.37 0.00	125.25 3.74 0.00	127.57 3.99 0.00	99.09 3.30 0.00	92.27 2.85 0.00	92.57 3.06 0.00	71.95 2.66 0.00	62.82 2.54 0.00	65.79 2.61 0.00	68.07 2.66 0.00	72.11 2.81 0.00	69.76 2.82 0.00	61.43 2.63 0.00	56.21 2.41 0.00	54.23 2.39 0.00
NYPA_VERNON____GT2 24162	38.95 1.38 0.00	40.24 1.36 0.00	38.79 1.32 0.00	40.70 1.31 0.00	35.45 1.24 0.00	36.55 1.42 0.00	46.98 2.01 0.00	102.65 4.51 0.00	100.10 3.56 0.00	81.74 2.72 0.00	125.90 4.39 0.00	128.11 4.53 0.00	99.30 3.52 0.00	92.46 3.03 0.00	92.73 3.22 0.00	71.98 2.69 0.00	62.87 2.59 0.00	65.82 2.65 0.00	68.06 2.66 0.00	72.13 2.84 0.00	69.71 2.76 0.00	61.37 2.58 0.00	56.19 2.38 0.00	54.17 2.33 0.00
NYPA_VERNON____GT3 24163	38.95 1.38 0.00	40.24 1.36 0.00	38.79 1.32 0.00	40.70 1.31 0.00	35.45 1.24 0.00	36.55 1.42 0.00	46.98 2.01 0.00	102.65 4.51 0.00	100.10 3.56 0.00	81.74 2.72 0.00	125.90 4.39 0.00	128.11 4.53 0.00	99.30 3.52 0.00	92.46 3.03 0.00	92.73 3.22 0.00	71.98 2.69 0.00	62.87 2.59 0.00	65.82 2.65 0.00	68.06 2.66 0.00	72.13 2.84 0.00	69.71 2.76 0.00	61.37 2.58 0.00	56.19 2.38 0.00	54.17 2.33 0.00
NYPA__ASTORIA_CC1 323568	38.94 1.37 0.00	40.24 1.36 0.00	38.77 1.30 0.00	40.69 1.30 0.00	35.45 1.23 0.00	36.54 1.41 0.00	46.94 1.97 0.00	102.56 4.42 0.00	100.03 3.49 0.00	81.70 2.67 0.00	125.81 4.30 0.00	128.04 4.46 0.00	99.26 3.47 0.00	92.41 2.99 0.00	92.68 3.17 0.00	71.93 2.64 0.00	62.84 2.56 0.00	65.78 2.61 0.00	68.02 2.61 0.00	72.09 2.80 0.00	69.68 2.74 0.00	61.35 2.56 0.00	56.17 2.37 0.00	54.15 2.31 0.00
NYPA__ASTORIA_CC2 323569	38.94 1.37 0.00	40.24 1.36 0.00	38.77 1.30 0.00	40.69 1.30 0.00	35.45 1.23 0.00	36.54 1.41 0.00	46.94 1.97 0.00	102.56 4.42 0.00	100.03 3.49 0.00	81.70 2.67 0.00	125.81 4.30 0.00	128.04 4.46 0.00	99.26 3.47 0.00	92.41 2.99 0.00	92.68 3.17 0.00	71.93 2.64 0.00	62.84 2.56 0.00	65.78 2.61 0.00	68.02 2.61 0.00	72.09 2.80 0.00	69.68 2.74 0.00	61.35 2.56 0.00	56.17 2.37 0.00	54.15 2.31 0.00
NYPA__HOLTSVILL 23794	38.76 1.18 0.00	40.20 1.32 0.00	38.75 1.27 0.00	40.71 1.31 0.00	35.53 1.32 0.00	36.46 1.33 0.00	57.05 1.92 -10.16	131.12 4.81 -28.17	126.97 3.31 -27.12	101.58 2.72 -19.84	146.46 4.53 -20.42	156.09 4.99 -27.52	119.30 3.79 -19.73	108.39 3.42 -15.54	112.04 3.85 -18.68	90.65 2.65 -18.71	78.98 2.17 -16.53	78.16 1.74 -13.25	78.33 1.70 -11.23	109.16 2.39 -37.48	80.69 2.14 -11.61	70.26 2.19 -9.28	57.74 2.08 -1.86	54.56 1.69 -1.04
NYPA____HELLGATE_GT1 24158	38.75 1.18 0.00	40.03 1.15 0.00	38.58 1.11 0.00	40.49 1.10 0.00	35.27 1.06 0.00	36.41 1.28 0.00	46.78 1.82 0.00	102.30 4.16 0.00	99.81 3.27 0.00	81.49 2.47 0.00	125.65 4.14 0.00	127.88 4.29 0.00	99.02 3.23 0.00	92.13 2.70 0.00	92.56 3.05 0.00	71.92 2.63 0.00	62.71 2.43 0.00	65.60 2.43 0.00	67.85 2.45 0.00	71.91 2.61 0.00	69.47 2.52 0.00	61.13 2.33 0.00	55.96 2.16 0.00	53.89 2.05 0.00
NYPA____HELLGATE_GT2 24159	38.75 1.18 0.00	40.03 1.15 0.00	38.58 1.11 0.00	40.49 1.10 0.00	35.27 1.06 0.00	36.41 1.28 0.00	46.78 1.82 0.00	102.30 4.16 0.00	99.81 3.27 0.00	81.49 2.47 0.00	125.65 4.14 0.00	127.88 4.29 0.00	99.02 3.23 0.00	92.13 2.70 0.00	92.56 3.05 0.00	71.92 2.63 0.00	62.71 2.43 0.00	65.60 2.43 0.00	67.85 2.45 0.00	71.91 2.61 0.00	69.47 2.52 0.00	61.13 2.33 0.00	55.96 2.16 0.00	53.89 2.05 0.00
NYS_BARGE__HYD 23848	36.93 -0.64 0.00	38.20 -0.68 0.00	36.83 -0.65 0.00	38.82 -0.57 0.00	33.62 -0.59 0.00	34.39 -0.74 0.00	43.09 -1.88 0.00	93.73 -4.41 0.00	93.06 -3.48 0.00	76.75 -2.27 0.00	118.69 -2.82 0.00	119.85 -3.73 0.00	92.65 -3.14 0.00	85.55 -3.87 0.00	85.18 -4.33 0.00	66.06 -3.23 0.00	57.15 -3.13 0.00	60.82 -2.36 0.00	63.33 -2.07 0.00	66.69 -2.61 0.00	64.50 -2.45 0.00	57.10 -1.70 0.00	52.78 -1.02 0.00	51.71 -0.13 0.00
OAK ORCHARD__HYD 24046	37.16 -0.41 0.00	38.44 -0.43 0.00	37.04 -0.43 0.00	39.01 -0.38 0.00	33.89 -0.33 0.00	34.83 -0.30 0.00	44.25 -0.72 0.00	96.79 -1.35 0.00	95.74 -0.79 0.00	78.73 -0.29 0.00	121.62 0.11 0.00	123.14 -0.44 0.00	95.28 -0.50 0.00	88.34 -1.09 0.00	88.13 -1.38 0.00	68.25 -1.03 0.00	59.31 -0.97 0.00	62.82 -0.35 0.00	65.26 -0.15 0.00	68.80 -0.49 0.00	66.40 -0.54 0.00	58.50 -0.30 0.00	53.71 -0.09 0.00	52.15 0.32 0.00

OAKDALE___35_KV_LOAD 356122	37.34 -0.23 0.00	38.68 -0.20 0.00	37.30 -0.18 0.00	39.20 -0.19 0.00	34.10 -0.11 0.00	35.06 -0.06 0.00	44.90 -0.07 0.00	98.12 -0.02 0.00	96.33 -0.21 0.00	78.79 -0.23 0.00	121.54 0.03 0.00	123.23 -0.36 0.00	95.46 -0.33 0.00	88.92 -0.51 0.00	88.90 -0.61 0.00	68.89 -0.39 0.00	59.98 -0.30 0.00	63.04 -0.13 0.00	65.41 0.00 0.00	69.23 -0.07 0.00	66.82 -0.13 0.00	58.81 0.01 0.00	53.82 0.02 0.00	51.90 0.06 0.00
OCC_CHEM___DRP 24175	36.22 -1.35 0.00	37.48 -1.41 0.00	36.13 -1.35 0.00	38.10 -1.29 0.00	32.97 -1.24 0.00	33.79 -1.34 0.00	42.29 -2.68 0.00	91.55 -6.59 0.00	90.84 -5.70 0.00	74.94 -4.08 0.00	115.93 -5.58 0.00	117.10 -6.49 0.00	90.48 -5.31 0.00	83.58 -5.84 0.00	83.17 -6.34 0.00	64.50 -4.79 0.00	55.84 -4.44 0.00	59.36 -3.81 0.00	61.82 -3.58 0.00	65.15 -4.14 0.00	63.04 -3.90 0.00	55.83 -2.97 0.00	51.72 -2.08 0.00	50.82 -1.01 0.00
OH_GEN_PROXY 24063	36.42 -1.15 0.00	37.69 -1.19 0.00	36.34 -1.13 0.00	38.30 -1.09 0.00	31.76 -1.05 1.41	33.46 -1.12 0.55	44.68 -2.23 -1.94	92.99 -5.15 0.00	92.17 -4.37 0.00	75.92 -3.10 0.00	117.52 -3.98 0.00	118.62 -4.96 0.00	91.68 -4.11 0.00	84.68 -4.74 0.00	84.36 -5.15 0.00	65.39 -3.90 0.00	52.24 -3.61 4.43	60.26 -2.91 0.00	62.76 -2.65 0.00	66.16 -3.14 0.00	63.93 -3.01 0.00	56.55 -2.24 0.00	52.21 -1.60 0.00	51.11 -0.73 0.00
OLIN_CORP_DRP 24177	36.56 -1.02 0.00	37.82 -1.06 0.00	36.46 -1.01 0.00	38.44 -0.95 0.00	33.28 -0.93 0.00	33.98 -1.14 0.00	42.46 -2.51 0.00	92.22 -5.92 0.00	91.52 -5.02 0.00	75.52 -3.50 0.00	116.72 -4.78 0.00	117.88 -5.70 0.00	91.15 -4.65 0.00	84.24 -5.19 0.00	83.82 -5.69 0.00	65.03 -4.26 0.00	56.23 -4.05 0.00	59.81 -3.37 0.00	62.29 -3.12 0.00	65.61 -3.69 0.00	63.49 -3.45 0.00	56.26 -2.53 0.00	52.07 -1.74 0.00	51.06 -0.78 0.00
OLIN_CORP_DSASP 323712	36.22 -1.35 0.00	37.48 -1.41 0.00	36.13 -1.35 0.00	38.10 -1.29 0.00	32.97 -1.24 0.00	33.79 -1.34 0.00	42.29 -2.68 0.00	91.55 -6.59 0.00	90.84 -5.70 0.00	74.94 -4.08 0.00	115.93 -5.58 0.00	117.10 -6.49 0.00	90.48 -5.31 0.00	83.58 -5.84 0.00	83.17 -6.34 0.00	64.50 -4.79 0.00	55.84 -4.44 0.00	59.36 -3.81 0.00	61.82 -3.58 0.00	65.15 -4.14 0.00	63.04 -3.90 0.00	55.83 -2.97 0.00	51.72 -2.08 0.00	50.82 -1.01 0.00
ONEIDA_HERK_LFGE 323681	38.37 0.80 0.00	39.74 0.85 0.00	38.30 0.82 0.00	40.30 0.90 0.00	35.05 0.84 0.00	36.06 0.93 0.00	46.41 1.45 0.00	101.53 3.39 0.00	99.96 3.42 0.00	81.88 2.86 0.00	126.08 4.56 0.00	128.04 4.45 0.00	99.10 3.30 0.00	92.44 3.02 0.00	92.46 2.95 0.00	71.61 2.32 0.00	62.32 2.03 0.00	65.31 2.14 0.00	67.64 2.23 0.00	71.50 2.21 0.00	69.02 2.08 0.00	60.57 1.77 0.00	55.30 1.50 0.00	53.19 1.35 0.00
ONEIDA___115KV_TB4 55905	38.25 0.67 0.00	39.70 0.81 0.00	38.31 0.83 0.00	40.28 0.89 0.00	35.08 0.87 0.00	36.11 0.98 0.00	46.46 1.50 0.00	101.56 3.42 0.00	99.95 3.42 0.00	81.81 2.79 0.00	126.07 4.57 0.00	128.06 4.48 0.00	99.17 3.39 0.00	92.45 3.03 0.00	92.62 3.11 0.00	71.81 2.52 0.00	62.57 2.29 0.00	65.40 2.23 0.00	67.68 2.27 0.00	71.55 2.26 0.00	69.01 2.06 0.00	60.57 1.77 0.00	55.30 1.50 0.00	53.20 1.37 0.00
ONONDAGA_REF_OCCRA 23987	37.07 -0.50 0.00	38.38 -0.50 0.00	36.99 -0.49 0.00	38.87 -0.52 0.00	33.87 -0.34 0.00	34.79 -0.34 0.00	44.59 -0.37 0.00	97.38 -0.76 0.00	95.82 -0.72 0.00	78.46 -0.56 0.00	120.89 -0.62 0.00	122.82 -0.76 0.00	95.18 -0.61 0.00	88.69 -0.73 0.00	88.75 -0.76 0.00	68.75 -0.54 0.00	59.85 -0.43 0.00	62.89 -0.28 0.00	65.13 -0.28 0.00	68.90 -0.40 0.00	66.48 -0.46 0.00	58.40 -0.39 0.00	53.40 -0.40 0.00	51.44 -0.40 0.00
ONONDAGA___COGEN 23986	36.99 -0.58 0.00	38.29 -0.59 0.00	36.88 -0.59 0.00	38.77 -0.62 0.00	33.80 -0.41 0.00	34.71 -0.41 0.00	44.49 -0.48 0.00	97.14 -1.00 0.00	95.58 -0.96 0.00	78.25 -0.77 0.00	120.56 -0.95 0.00	122.48 -1.11 0.00	94.91 -0.88 0.00	88.41 -1.02 0.00	88.49 -1.02 0.00	68.56 -0.73 0.00	59.67 -0.62 0.00	62.71 -0.47 0.00	64.94 -0.47 0.00	68.66 -0.64 0.00	66.26 -0.69 0.00	58.23 -0.57 0.00	53.25 -0.56 0.00	51.31 -0.53 0.00
ONTARIO___LFGE 23819	37.21 -0.36 0.00	38.50 -0.38 0.00	37.08 -0.40 0.00	39.00 -0.39 0.00	33.98 -0.23 0.00	34.98 -0.15 0.00	44.71 -0.26 0.00	97.76 -0.38 0.00	96.42 -0.12 0.00	79.13 0.11 0.00	122.12 0.61 0.00	123.86 0.27 0.00	95.89 0.10 0.00	89.09 -0.33 0.00	89.07 -0.44 0.00	69.01 -0.28 0.00	60.03 -0.25 0.00	63.38 0.21 0.00	65.72 0.31 0.00	69.30 0.01 0.00	66.87 -0.08 0.00	58.76 -0.03 0.00	53.78 -0.03 0.00	51.99 0.15 0.00
ORANGEVILLE_WT_PWR 323706	36.84 -0.73 0.00	38.15 -0.73 0.00	36.79 -0.68 0.00	38.71 -0.68 0.00	33.53 -0.68 0.00	34.52 -0.61 0.00	43.64 -1.33 0.00	95.25 -2.89 0.00	94.20 -2.33 0.00	77.25 -1.77 0.00	119.76 -1.75 0.00	120.74 -2.84 0.00	93.17 -2.62 0.00	86.07 -3.36 0.00	85.47 -4.04 0.00	66.33 -2.95 0.00	57.54 -2.75 0.00	61.25 -1.93 0.00	63.81 -1.60 0.00	67.15 -2.14 0.00	64.75 -2.20 0.00	57.29 -1.51 0.00	52.72 -1.09 0.00	51.38 -0.45 0.00
ORANGEVILLE___ESR 323794	36.84 -0.73 0.00	38.15 -0.73 0.00	36.79 -0.68 0.00	38.71 -0.68 0.00	33.53 -0.68 0.00	34.52 -0.61 0.00	43.64 -1.33 0.00	95.25 -2.89 0.00	94.20 -2.33 0.00	77.25 -1.77 0.00	119.76 -1.75 0.00	120.74 -2.84 0.00	93.17 -2.62 0.00	86.07 -3.36 0.00	85.47 -4.04 0.00	66.33 -2.95 0.00	57.54 -2.75 0.00	61.25 -1.93 0.00	63.81 -1.60 0.00	67.15 -2.14 0.00	64.75 -2.20 0.00	57.29 -1.51 0.00	52.72 -1.09 0.00	51.38 -0.45 0.00
OSWEGATCHIE___HYD 24044	38.63 1.05 0.00	39.93 1.04 0.00	38.47 1.00 0.00	40.48 1.09 0.00	35.05 0.84 0.00	36.03 0.90 0.00	46.28 1.31 0.00	101.37 3.23 0.00	100.09 3.55 0.00	82.17 3.15 0.00	126.05 4.54 0.00	128.00 4.41 0.00	99.04 3.25 0.00	92.38 2.96 0.00	92.03 2.52 0.00	70.97 1.68 0.00	61.54 1.26 0.00	64.49 1.32 0.00	66.87 1.47 0.00	70.87 1.57 0.00	68.87 1.93 0.00	60.41 1.62 0.00	55.17 1.36 0.00	53.12 1.29 0.00
OSWEGO___5 23606	36.41 -1.16 0.00	37.69 -1.19 0.00	36.32 -1.15 0.00	38.18 -1.22 0.00	33.25 -0.96 0.00	34.12 -1.01 0.00	43.66 -1.30 0.00	95.28 -2.85 0.00	93.76 -2.78 0.00	76.80 -2.22 0.00	118.25 -3.25 0.00	120.17 -3.42 0.00	93.11 -2.68 0.00	86.78 -2.64 0.00	86.85 -2.66 0.00	67.25 -2.03 0.00	58.52 -1.76 0.00	61.42 -1.75 0.00	63.63 -1.78 0.00	67.32 -1.98 0.00	65.00 -1.94 0.00	57.13 -1.67 0.00	52.28 -1.53 0.00	50.41 -1.42 0.00
OSWEGO___6 23613	36.41 -1.16 0.00	37.69 -1.19 0.00	36.32 -1.15 0.00	38.18 -1.22 0.00	33.25 -0.96 0.00	34.12 -1.01 0.00	43.66 -1.30 0.00	95.28 -2.85 0.00	93.76 -2.78 0.00	76.80 -2.22 0.00	118.25 -3.25 0.00	120.17 -3.42 0.00	93.11 -2.68 0.00	86.78 -2.64 0.00	86.85 -2.66 0.00	67.25 -2.03 0.00	58.52 -1.76 0.00	61.42 -1.75 0.00	63.63 -1.78 0.00	67.32 -1.98 0.00	65.00 -1.94 0.00	57.13 -1.67 0.00	52.28 -1.53 0.00	50.41 -1.42 0.00

OUTOKUMPU-AB___DRP 24206	36.95 -0.62 0.00	38.22 -0.66 0.00	36.85 -0.62 0.00	38.86 -0.53 0.00	33.64 -0.57 0.00	34.51 -0.62 0.00	43.30 -1.67 0.00	94.16 -3.98 0.00	93.47 -3.07 0.00	77.08 -1.95 0.00	119.33 -2.18 0.00	120.52 -3.06 0.00	93.06 -2.73 0.00	86.00 -3.43 0.00	85.44 -4.07 0.00	66.14 -3.14 0.00	57.18 -3.11 0.00	60.82 -2.35 0.00	63.40 -2.01 0.00	66.78 -2.51 0.00	64.60 -2.35 0.00	57.27 -1.53 0.00	52.98 -0.82 0.00	51.88 0.05 0.00
OXBOW___BTM 323836	36.54 -1.03 0.00	37.80 -1.08 0.00	36.44 -1.04 0.00	38.42 -0.97 0.00	33.26 -0.95 0.00	34.10 -1.03 0.00	42.74 -2.22 0.00	92.71 -5.43 0.00	92.03 -4.51 0.00	75.93 -3.09 0.00	117.54 -3.96 0.00	118.70 -4.88 0.00	91.71 -4.08 0.00	84.64 -4.78 0.00	84.23 -5.28 0.00	65.26 -4.03 0.00	56.46 -3.83 0.00	60.04 -3.13 0.00	62.55 -2.85 0.00	65.90 -3.39 0.00	63.75 -3.20 0.00	56.48 -2.31 0.00	52.28 -1.52 0.00	51.30 -0.54 0.00
OXBOW___ 24026	36.54 -1.04 0.00	37.79 -1.09 0.00	36.43 -1.04 0.00	38.42 -0.97 0.00	33.26 -0.96 0.00	34.10 -1.03 0.00	42.74 -2.23 0.00	92.73 -5.41 0.00	92.05 -4.49 0.00	75.94 -3.08 0.00	117.53 -3.98 0.00	118.69 -4.89 0.00	91.70 -4.09 0.00	84.72 -4.71 0.00	84.22 -5.30 0.00	65.26 -4.03 0.00	56.46 -3.82 0.00	60.05 -3.12 0.00	62.56 -2.84 0.00	65.92 -3.38 0.00	63.75 -3.19 0.00	56.49 -2.30 0.00	52.29 -1.51 0.00	51.30 -0.54 0.00
OXY_CHEM_DSASP 323612	36.22 -1.35 0.00	37.48 -1.41 0.00	36.13 -1.35 0.00	38.10 -1.29 0.00	32.97 -1.24 0.00	33.79 -1.34 0.00	42.29 -2.68 0.00	91.55 -6.59 0.00	90.84 -5.70 0.00	74.94 -4.08 0.00	115.93 -5.58 0.00	117.10 -6.49 0.00	90.48 -5.31 0.00	83.58 -5.84 0.00	83.17 -6.34 0.00	64.50 -4.79 0.00	55.84 -4.44 0.00	59.36 -3.81 0.00	61.82 -3.58 0.00	65.15 -4.14 0.00	63.04 -3.90 0.00	55.83 -2.97 0.00	51.72 -2.08 0.00	50.82 -1.01 0.00
OZONE_PARK_ESR 323760	39.13 1.56 0.00	40.43 1.55 0.00	38.94 1.47 0.00	40.87 1.48 0.00	35.61 1.39 0.00	36.75 1.63 0.00	47.33 2.36 0.00	103.58 5.44 0.00	100.98 4.45 0.00	82.48 3.46 0.00	127.01 5.50 0.00	129.24 5.66 0.00	100.20 4.41 0.00	93.27 3.84 0.00	93.51 4.00 0.00	72.51 3.23 0.00	63.39 3.11 0.00	66.41 3.24 0.00	68.67 3.26 0.00	72.81 3.51 0.00	70.32 3.38 0.00	61.92 3.12 0.00	56.58 2.77 0.00	54.45 2.61 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.22 -1.35 0.00	37.48 -1.41 0.00	36.13 -1.35 0.00	38.10 -1.29 0.00	32.97 -1.24 0.00	33.79 -1.34 0.00	42.29 -2.68 0.00	91.55 -6.59 0.00	90.84 -5.70 0.00	74.94 -4.08 0.00	115.93 -5.58 0.00	117.10 -6.49 0.00	90.48 -5.31 0.00	83.58 -5.84 0.00	83.17 -6.34 0.00	64.50 -4.79 0.00	55.84 -4.44 0.00	59.36 -3.81 0.00	61.82 -3.58 0.00	65.15 -4.14 0.00	63.04 -3.90 0.00	55.83 -2.97 0.00	51.72 -2.08 0.00	50.82 -1.01 0.00
PACKARD__115KV_DUPONT_184 80571	36.22 -1.35 0.00	37.48 -1.40 0.00	36.13 -1.35 0.00	38.11 -1.29 0.00	32.98 -1.23 0.00	33.79 -1.34 0.00	42.29 -2.68 0.00	91.53 -6.60 0.00	90.82 -5.71 0.00	74.96 -4.06 0.00	115.96 -5.55 0.00	117.08 -6.50 0.00	90.49 -5.30 0.00	83.53 -5.90 0.00	83.17 -6.34 0.00	64.49 -4.79 0.00	55.83 -4.46 0.00	59.37 -3.81 0.00	61.81 -3.59 0.00	65.14 -4.15 0.00	63.03 -3.91 0.00	55.82 -2.97 0.00	51.70 -2.10 0.00	50.82 -1.01 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	38.86 1.29 0.00	40.16 1.28 0.00	38.70 1.22 0.00	40.61 1.22 0.00	35.38 1.17 0.00	36.46 1.33 0.00	46.83 1.86 0.00	102.45 4.31 0.00	99.93 3.39 0.00	81.55 2.53 0.00	125.72 4.22 0.00	127.93 4.35 0.00	99.12 3.33 0.00	92.27 2.85 0.00	92.60 3.09 0.00	71.94 2.65 0.00	62.77 2.49 0.00	65.69 2.52 0.00	67.96 2.55 0.00	72.06 2.76 0.00	69.67 2.73 0.00	61.33 2.54 0.00	56.10 2.30 0.00	54.03 2.19 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.62 2.04 0.00	41.02 2.14 0.00	39.53 2.05 0.00	41.50 2.11 0.00	36.15 1.94 0.00	37.33 2.21 0.00	47.81 2.84 0.00	104.66 6.52 0.00	102.11 5.57 0.00	83.30 4.28 0.00	128.21 6.69 0.00	130.44 6.86 0.00	101.03 5.25 0.00	93.99 4.56 0.00	94.30 4.79 0.00	73.27 3.98 0.00	64.00 3.72 0.00	66.97 3.80 0.00	69.25 3.84 0.00	73.43 4.14 0.00	70.87 3.93 0.00	62.43 3.64 0.00	57.16 3.36 0.00	55.04 3.21 0.00
PATROON__115KV_TB1 80586	37.98 0.41 0.00	39.30 0.42 0.00	37.89 0.42 0.00	39.79 0.39 0.00	34.67 0.46 0.00	35.58 0.45 0.00	45.51 0.54 0.00	99.07 0.93 0.00	97.18 0.65 0.00	79.38 0.36 0.00	122.20 0.69 0.00	124.41 0.83 0.00	96.54 0.75 0.00	90.20 0.78 0.00	90.53 1.02 0.00	69.95 0.66 0.00	60.72 0.44 0.00	63.50 0.33 0.00	65.62 0.21 0.00	69.47 0.17 0.00	67.13 0.18 0.00	59.04 0.24 0.00	54.01 0.21 0.00	51.98 0.14 0.00
PATTRSNVILLE___SOLAR 323815	38.28 0.70 0.00	39.60 0.72 0.00	38.15 0.68 0.00	40.11 0.72 0.00	34.89 0.68 0.00	35.83 0.70 0.00	45.95 0.98 0.00	100.24 2.10 0.00	98.28 1.74 0.00	80.35 1.33 0.00	123.70 2.19 0.00	125.68 2.10 0.00	97.57 1.78 0.00	91.40 1.97 0.00	91.76 2.25 0.00	70.99 1.70 0.00	61.73 1.45 0.00	64.59 1.42 0.00	66.77 1.36 0.00	70.71 1.42 0.00	68.25 1.31 0.00	59.94 1.15 0.00	54.88 1.07 0.00	52.80 0.96 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.94 -0.63 0.00	38.21 -0.67 0.00	36.87 -0.61 0.00	38.82 -0.57 0.00	33.64 -0.58 0.00	34.58 -0.55 0.00	43.65 -1.32 0.00	95.38 -2.76 0.00	94.34 -2.20 0.00	77.59 -1.43 0.00	120.34 -1.17 0.00	121.38 -2.21 0.00	93.77 -2.02 0.00	86.72 -2.71 0.00	86.27 -3.24 0.00	66.92 -2.37 0.00	58.03 -2.26 0.00	61.71 -1.46 0.00	64.37 -1.04 0.00	67.78 -1.51 0.00	65.40 -1.55 0.00	57.82 -0.97 0.00	53.23 -0.57 0.00	51.92 0.09 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	38.80 1.23 0.00	40.13 1.25 0.00	38.67 1.19 0.00	40.60 1.21 0.00	35.35 1.14 0.00	36.47 1.34 0.00	46.93 1.96 0.00	102.65 4.52 0.00	100.20 3.66 0.00	81.89 2.87 0.00	126.13 4.62 0.00	128.32 4.74 0.00	99.55 3.76 0.00	92.78 3.35 0.00	93.02 3.51 0.00	72.10 2.81 0.00	63.02 2.74 0.00	66.03 2.86 0.00	68.31 2.90 0.00	72.40 3.11 0.00	69.92 2.97 0.00	61.51 2.71 0.00	56.20 2.39 0.00	54.03 2.19 0.00
PEEKSKILL___ 23653	38.43 0.86 0.00	39.75 0.87 0.00	38.32 0.84 0.00	40.22 0.83 0.00	35.04 0.82 0.00	36.13 1.00 0.00	46.48 1.52 0.00	101.67 3.53 0.00	99.15 2.61 0.00	80.94 1.92 0.00	124.71 3.20 0.00	126.80 3.22 0.00	98.35 2.56 0.00	91.65 2.23 0.00	91.89 2.38 0.00	71.22 1.93 0.00	62.26 1.98 0.00	65.22 2.05 0.00	67.47 2.06 0.00	71.55 2.25 0.00	69.10 2.15 0.00	60.81 2.02 0.00	55.58 1.78 0.00	53.46 1.63 0.00
PGE MADISON___WINDPWR 24146	39.63 2.06 0.00	40.90 2.02 0.00	39.46 1.99 0.00	41.20 1.81 0.00	35.72 1.50 0.00	36.70 1.57 0.00	47.67 2.70 0.00	104.63 6.50 0.00	103.22 6.69 0.00	84.72 5.69 0.00	130.42 8.91 0.00	132.54 8.95 0.00	101.93 6.14 0.00	94.10 4.68 0.00	94.11 4.60 0.00	72.59 3.30 0.00	63.29 3.01 0.00	66.52 3.35 0.00	69.22 3.81 0.00	73.91 4.62 0.00	70.81 3.86 0.00	62.30 3.51 0.00	56.85 3.05 0.00	54.35 2.52 0.00

PIERCEFIELD___HYD 23852	39.20 1.62 0.00	40.47 1.59 0.00	39.02 1.54 0.00	41.02 1.63 0.00	35.37 1.15 0.00	36.35 1.23 0.00	46.56 1.60 0.00	101.86 3.72 0.00	100.82 4.28 0.00	82.79 3.77 0.00	126.60 5.09 0.00	128.76 5.18 0.00	99.57 3.78 0.00	92.92 3.50 0.00	92.52 3.01 0.00	71.18 1.89 0.00	61.70 1.42 0.00	64.55 1.37 0.00	66.96 1.56 0.00	71.28 1.98 0.00	69.61 2.66 0.00	61.06 2.27 0.00	55.82 2.02 0.00	53.84 2.00 0.00
PINELAWN_CC_1 323563	38.88 1.31 0.00	40.30 1.41 0.00	38.82 1.35 0.00	40.76 1.37 0.00	35.53 1.32 0.00	36.51 1.38 0.00	49.65 2.08 -2.60	110.43 5.08 -7.21	107.32 3.83 -6.94	87.22 3.12 -5.08	131.78 5.04 -5.23	138.21 5.52 -9.11	110.01 4.14 -10.08	100.85 3.81 -7.62	103.16 4.13 -9.52	77.60 3.11 -5.20	68.13 2.92 -4.93	68.72 2.71 -2.84	69.98 2.74 -1.83	99.19 3.30 -26.59	71.88 3.04 -1.90	63.17 2.87 -1.51	56.72 2.62 -0.30	54.18 2.18 -0.17
PJM_GEN_HTTP_PROXY 323702	38.78 1.21 0.00	40.09 1.21 0.00	38.63 1.16 0.00	40.54 1.15 0.00	35.32 1.11 0.00	33.22 1.33 3.24	46.91 1.94 0.00	102.61 4.47 0.00	99.98 3.43 0.00	81.67 2.65 0.00	125.76 4.25 0.00	127.94 4.36 0.00	99.21 3.42 0.00	92.39 2.96 0.00	92.61 3.10 0.00	71.80 2.52 0.00	62.77 2.48 0.00	65.70 2.53 0.00	67.94 2.53 0.00	72.01 2.71 0.00	69.57 2.63 0.00	61.23 2.43 0.00	55.97 2.17 0.00	53.89 2.05 0.00
PJM_GEN_KEystone 24065	33.38 -0.47 3.71	36.43 -0.50 1.96	37.04 -0.43 0.00	38.90 -0.49 0.00	25.50 -0.42 8.29	31.63 -0.26 3.24	44.54 -0.43 0.00	97.34 -0.80 0.00	95.27 -1.27 0.00	77.80 -1.22 0.00	120.36 -1.15 0.00	121.71 -1.88 0.00	83.90 -1.59 10.30	84.22 -1.90 3.30	63.20 -2.09 24.22	56.08 -1.46 11.74	59.13 -1.15 0.00	62.45 -0.73 0.00	64.89 -0.52 0.00	68.65 -0.65 0.00	66.23 -0.71 0.00	58.47 -0.32 0.00	53.58 -0.22 0.00	51.90 0.06 0.00
PJM_GEN_NEPTUNE_PROXY 323594	38.59 1.02 0.00	39.98 1.09 0.00	38.51 1.04 0.00	40.44 1.05 0.00	35.24 1.03 0.00	32.98 1.09 3.24	46.59 1.62 0.00	102.08 3.94 0.00	99.26 2.72 0.00	81.17 2.15 0.00	125.07 3.56 0.00	129.75 3.99 -2.18	104.17 3.07 -5.31	95.99 2.72 -3.84	97.51 3.00 -5.00	71.96 2.24 -0.43	63.21 2.19 -0.74	65.16 1.99 0.00	67.42 2.01 -0.01	91.47 2.47 -19.70	69.23 2.28 -0.01	61.00 2.21 0.00	55.84 2.03 0.00	53.53 1.70 0.00
PJM_GEN_VFT_PROXY 323633	38.70 1.13 0.00	39.99 1.11 0.00	38.54 1.06 0.00	40.43 1.04 0.00	35.23 1.01 0.00	33.13 1.23 3.24	46.78 1.82 0.00	102.34 4.21 0.00	99.69 3.15 0.00	81.39 2.37 0.00	125.31 3.80 0.00	127.45 3.87 0.00	98.79 3.00 0.00	92.01 2.58 0.00	92.22 2.72 0.00	71.53 2.24 0.00	62.54 2.26 0.00	65.52 2.34 0.00	67.74 2.33 0.00	71.81 2.51 0.00	69.37 2.42 0.00	61.07 2.28 0.00	55.81 2.01 0.00	53.73 1.90 0.00
PLATSBURG_115KV_PMLD1 355749	38.52 0.96 0.00	39.78 0.89 0.00	38.32 0.84 0.00	40.28 0.88 0.00	34.78 0.57 0.00	35.64 0.52 0.00	45.22 0.25 0.00	98.71 0.57 0.00	97.72 1.19 0.00	80.20 1.18 0.00	121.53 0.02 0.00	123.72 0.13 0.00	95.79 -0.01 0.00	89.42 3.00 0.00	89.30 -0.21 0.00	69.13 -0.16 0.00	60.13 -0.15 0.00	63.05 -0.12 0.00	65.39 -0.02 0.00	69.34 0.04 0.00	67.01 0.07 0.00	58.76 -0.04 0.00	54.08 0.27 0.00	52.51 0.68 0.00
PLEASANTVLY___LBMP 24000	38.32 0.74 0.00	39.65 0.76 0.00	38.20 0.73 0.00	40.12 0.73 0.00	34.93 0.72 0.00	35.98 0.85 0.00	46.25 1.28 0.00	101.01 2.88 0.00	98.65 2.11 0.00	80.60 1.58 0.00	124.09 2.58 0.00	126.24 2.66 0.00	97.91 2.12 0.00	91.25 1.83 0.00	91.49 1.98 0.00	70.90 1.61 0.00	61.90 1.61 0.00	64.77 1.60 0.00	66.98 1.58 0.00	71.03 1.73 0.00	68.65 1.71 0.00	60.43 1.64 0.00	55.27 1.46 0.00	53.18 1.34 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.63 1.06 0.00	39.96 1.08 0.00	38.50 1.03 0.00	40.43 1.04 0.00	35.15 0.93 0.00	36.30 1.17 0.00	46.69 1.72 0.00	101.98 3.84 0.00	99.53 2.99 0.00	81.32 2.30 0.00	125.24 3.73 0.00	127.38 3.80 0.00	98.81 3.02 0.00	92.05 2.63 0.00	92.29 2.78 0.00	71.54 2.25 0.00	62.50 2.22 0.00	65.42 2.25 0.00	67.68 2.27 0.00	71.76 2.46 0.00	69.35 2.41 0.00	61.04 2.25 0.00	55.82 2.02 0.00	53.70 1.86 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.63 1.06 0.00	39.96 1.08 0.00	38.50 1.03 0.00	40.43 1.04 0.00	35.15 0.93 0.00	36.30 1.17 0.00	46.69 1.72 0.00	101.98 3.84 0.00	99.53 2.99 0.00	81.32 2.30 0.00	125.24 3.73 0.00	127.38 3.80 0.00	98.81 3.02 0.00	92.05 2.63 0.00	92.29 2.78 0.00	71.54 2.25 0.00	62.50 2.22 0.00	65.42 2.25 0.00	67.68 2.27 0.00	71.76 2.46 0.00	69.35 2.41 0.00	61.04 2.25 0.00	55.82 2.02 0.00	53.70 1.86 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.63 1.06 0.00	39.96 1.08 0.00	38.51 1.03 0.00	40.44 1.04 0.00	35.20 0.99 0.00	36.28 1.15 0.00	46.64 1.68 0.00	101.92 3.79 0.00	99.66 3.12 0.00	81.42 2.40 0.00	125.39 3.88 0.00	127.56 3.98 0.00	98.98 3.19 0.00	92.25 2.83 0.00	92.50 2.99 0.00	71.67 2.38 0.00	62.60 2.32 0.00	65.56 2.39 0.00	67.82 2.41 0.00	71.89 2.60 0.00	69.45 2.50 0.00	61.10 2.30 0.00	55.84 2.03 0.00	53.69 1.86 0.00
POLETTI_____ 23519	38.68 1.11 0.01	39.97 1.09 0.01	38.52 1.06 0.01	40.42 1.04 0.01	35.22 1.01 0.00	36.40 1.28 0.00	46.79 1.82 0.00	102.25 4.11 0.00	99.75 3.21 0.00	81.40 2.38 0.00	125.52 4.01 0.00	127.73 4.15 0.00	98.81 3.02 0.00	91.86 2.44 0.00	92.03 2.52 0.00	71.51 2.22 0.00	62.30 2.02 0.00	64.89 1.72 0.00	67.12 1.72 0.00	71.22 1.92 0.00	69.06 2.12 0.00	60.75 1.96 0.00	55.60 1.79 0.00	53.49 1.65 0.00
POMONA___ESR 323819	38.47 0.90 0.00	39.79 0.91 0.00	38.36 0.89 0.00	40.26 0.87 0.00	35.06 0.85 0.00	36.17 1.05 0.00	46.67 1.71 0.00	102.13 3.99 0.00	99.58 3.05 0.00	81.32 2.31 0.00	125.00 3.50 0.00	126.95 3.37 0.00	98.47 2.68 0.00	91.79 2.36 0.00	92.00 2.49 0.00	71.30 2.02 0.00	62.36 2.08 0.00	65.35 2.17 0.00	67.61 2.21 0.00	71.69 2.39 0.00	69.23 2.29 0.00	60.94 2.14 0.00	55.67 1.87 0.00	53.55 1.72 0.00
PORT_JEFF_3 23555	38.82 1.24 0.00	40.27 1.39 0.00	38.81 1.34 0.00	40.77 1.38 0.00	35.59 1.38 0.00	36.52 1.40 0.00	56.67 2.02 -9.68	130.02 5.03 -26.84	125.90 3.52 -25.84	100.84 2.90 -18.91	145.81 4.85 -19.46	155.15 5.23 -26.34	118.67 3.80 -19.08	107.82 3.38 -15.01	111.42 3.84 -18.07	89.59 2.44 -17.86	77.82 1.75 -15.79	76.89 1.17 -12.55	77.11 1.15 -10.56	107.83 2.00 -36.54	79.65 1.79 -10.92	69.51 1.99 -8.73	57.52 1.97 -1.75	54.40 1.60 -0.97
PORT_JEFF_4 23616	38.82 1.24 0.00	40.27 1.39 0.00	38.81 1.34 0.00	40.77 1.38 0.00	35.59 1.38 0.00	36.52 1.40 0.00	56.67 2.02 -9.68	130.02 5.03 -26.84	125.90 3.52 -25.84	100.84 2.90 -18.91	145.81 4.85 -19.46	155.15 5.23 -26.34	118.67 3.80 -19.08	107.82 3.38 -15.01	111.42 3.84 -18.07	89.59 2.44 -17.86	77.82 1.75 -15.79	76.89 1.17 -12.55	77.11 1.15 -10.56	107.83 2.00 -36.54	79.65 1.79 -10.92	69.51 1.99 -8.73	57.52 1.97 -1.75	54.40 1.60 -0.97

PORT_JEFF_IC 23713	38.85 1.28 0.00	40.29 1.42 0.00	38.83 1.36 0.00	40.81 1.42 0.00	35.62 1.41 0.00	36.56 1.43 0.00	55.42 2.07 -8.39	126.56 5.15 -23.26	122.54 3.60 -22.40	98.40 2.99 -16.39	143.38 5.00 -16.86	152.13 5.39 -23.16	117.15 4.02 -17.34	106.59 3.57 -13.59	109.97 4.05 -16.41	87.48 2.65 -15.54	76.08 2.00 -13.79	75.29 1.49 -10.63	75.56 1.48 -8.68	105.48 2.28 -33.91	77.97 2.05 -8.97	68.13 2.16 -7.17	57.35 2.11 -1.44	54.34 1.71 -0.80
PPL PILGRIM_ST_GT1 24216	39.11 1.54 0.00	40.55 1.67 0.00	39.06 1.59 0.00	41.03 1.64 0.00	35.78 1.56 0.00	36.70 1.57 0.00	56.31 2.42 -8.93	128.84 5.96 -24.74	124.97 4.61 -23.82	100.21 3.76 -17.43	145.64 6.20 -17.93	154.83 6.70 -24.55	118.74 4.72 -18.23	108.09 4.36 -14.30	111.56 4.79 -17.26	89.34 3.55 -16.51	78.31 3.39 -14.64	77.55 3.06 -11.31	77.68 3.04 -9.23	108.43 3.84 -35.30	80.03 3.53 -9.55	69.71 3.29 -7.63	58.33 3.00 -1.53	55.14 2.45 -0.85
PPL PILGRIM_ST_GT2 24217	39.11 1.54 0.00	40.55 1.67 0.00	39.06 1.59 0.00	41.03 1.64 0.00	35.78 1.56 0.00	36.70 1.57 0.00	56.31 2.42 -8.93	128.84 5.96 -24.74	124.97 4.61 -23.82	100.21 3.76 -17.43	145.64 6.20 -17.93	154.83 6.70 -24.55	118.74 4.72 -18.23	108.09 4.36 -14.30	111.56 4.79 -17.26	89.34 3.55 -16.51	78.31 3.39 -14.64	77.55 3.06 -11.31	77.68 3.04 -9.23	108.43 3.84 -35.30	80.03 3.53 -9.55	69.71 3.29 -7.63	58.33 3.00 -1.53	55.14 2.45 -0.85
PPL_SHRM_GT3 24213	38.90 1.33 0.00	40.41 1.53 0.00	38.98 1.50 0.00	40.97 1.58 0.00	35.82 1.60 0.00	36.77 1.64 0.00	56.61 2.31 -9.33	129.75 5.74 -25.86	125.09 3.65 -24.90	100.29 3.05 -18.22	145.35 5.09 -18.75	154.62 5.56 -25.47	119.09 4.69 -18.61	108.30 4.25 -14.63	111.92 4.79 -17.62	89.88 3.37 -17.22	78.26 2.73 -15.24	77.38 2.17 -12.03	77.47 2.02 -10.05	107.89 2.75 -35.85	79.76 2.42 -10.39	69.52 2.43 -8.30	57.75 2.28 -1.66	54.60 1.84 -0.93
PPL_SHRM_GT4 24214	38.90 1.33 0.00	40.41 1.53 0.00	38.98 1.50 0.00	40.97 1.58 0.00	35.82 1.60 0.00	36.77 1.64 0.00	56.61 2.31 -9.33	129.75 5.74 -25.86	125.09 3.65 -24.90	100.29 3.05 -18.22	145.35 5.09 -18.75	154.62 5.56 -25.47	119.09 4.69 -18.61	108.30 4.25 -14.63	111.92 4.79 -17.62	89.88 3.37 -17.22	78.26 2.73 -15.24	77.38 2.17 -12.03	77.47 2.02 -10.05	107.89 2.75 -35.85	79.76 2.42 -10.39	69.52 2.43 -8.30	57.75 2.28 -1.66	54.60 1.84 -0.93
PROJECT___ORANGE 1 24174	36.81 -0.76 0.00	38.11 -0.77 0.00	36.73 -0.75 0.00	38.61 -0.78 0.00	33.64 -0.57 0.00	34.53 -0.59 0.00	44.23 -0.74 0.00	96.54 -1.60 0.00	94.97 -1.57 0.00	77.78 -1.24 0.00	119.90 -1.61 0.00	121.80 -1.78 0.00	94.37 -1.42 0.00	87.96 -1.47 0.00	87.99 -1.52 0.00	68.18 -1.11 0.00	59.34 -0.95 0.00	62.29 -0.89 0.00	64.51 -0.90 0.00	68.25 -1.05 0.00	65.87 -1.08 0.00	57.87 -0.93 0.00	52.93 -0.87 0.00	51.00 -0.84 0.00
PROJECT___ORANGE 2 24166	36.81 -0.76 0.00	38.11 -0.77 0.00	36.73 -0.75 0.00	38.61 -0.78 0.00	33.64 -0.57 0.00	34.53 -0.59 0.00	44.23 -0.74 0.00	96.54 -1.60 0.00	94.97 -1.57 0.00	77.78 -1.24 0.00	119.90 -1.61 0.00	121.80 -1.78 0.00	94.37 -1.42 0.00	87.96 -1.47 0.00	87.99 -1.52 0.00	68.18 -1.11 0.00	59.34 -0.95 0.00	62.29 -0.89 0.00	64.51 -0.90 0.00	68.25 -1.05 0.00	65.87 -1.08 0.00	57.87 -0.93 0.00	52.93 -0.87 0.00	51.00 -0.84 0.00
PUCKETT___SOLAR 323809	37.90 0.33 0.00	39.24 0.36 0.00	37.83 0.36 0.00	39.69 0.29 0.00	34.51 0.30 0.00	35.50 0.37 0.00	45.65 0.68 0.00	99.91 1.77 0.00	98.17 1.63 0.00	80.25 1.23 0.00	123.46 1.95 0.00	125.18 1.60 0.00	96.87 1.08 0.00	90.16 0.74 0.00	90.20 0.69 0.00	69.84 0.56 0.00	60.91 0.63 0.00	63.98 0.81 0.00	66.31 0.90 0.00	70.25 0.96 0.00	67.67 0.72 0.00	59.60 0.81 0.00	54.53 0.72 0.00	52.35 0.51 0.00
PYRITES___HYD 24023	39.82 2.24 0.00	41.11 2.23 0.00	39.64 2.16 0.00	41.69 2.29 0.00	35.97 1.76 0.00	36.99 1.86 0.00	47.42 2.45 0.00	103.79 5.65 0.00	102.80 6.27 0.00	84.41 5.39 0.00	129.18 7.67 0.00	131.34 7.76 0.00	101.58 5.79 0.00	94.79 5.37 0.00	94.48 4.97 0.00	72.82 3.54 0.00	63.16 2.87 0.00	66.30 3.12 0.00	68.80 3.40 0.00	73.12 3.82 0.00	71.11 4.17 0.00	62.38 3.58 0.00	56.93 3.13 0.00	54.89 3.05 0.00
QUAKERRD_115KV_BK1 80622	36.20 -1.37 0.00	37.46 -1.43 0.00	36.09 -1.39 0.00	37.99 -1.40 0.00	33.04 -1.18 0.00	33.97 -1.15 0.00	43.26 -1.71 0.00	94.41 -3.73 0.00	93.28 -3.26 0.00	76.65 -2.37 0.00	118.32 -3.19 0.00	119.96 -3.62 0.00	92.84 -2.95 0.00	86.19 -3.23 0.00	86.07 -3.44 0.00	66.65 -2.64 0.00	57.96 -2.33 0.00	61.26 -1.92 0.00	63.55 -1.85 0.00	67.07 -2.23 0.00	64.70 -2.24 0.00	56.94 -1.85 0.00	52.22 -1.58 0.00	50.60 -1.23 0.00
QUENSBRY_115KV_TB8 356137	39.80 2.23 0.00	41.09 2.21 0.00	39.57 2.09 0.00	41.44 2.04 0.00	35.93 1.71 0.00	36.74 1.61 0.00	47.24 2.27 0.00	102.46 4.32 0.00	100.54 4.00 0.00	82.11 3.09 0.00	126.58 5.08 0.00	129.43 5.85 0.00	100.05 4.26 0.00	93.64 4.22 0.00	94.04 4.53 0.00	72.63 3.35 0.00	62.64 2.36 0.00	65.74 2.57 0.00	67.82 2.41 0.00	71.69 2.39 0.00	69.11 2.17 0.00	60.93 2.14 0.00	55.97 2.16 0.00	53.63 1.79 0.00
RAMAPO___LBMP 323565	38.33 0.75 0.00	39.65 0.77 0.00	38.23 0.76 0.00	40.13 0.73 0.00	34.94 0.72 0.00	36.03 0.91 0.00	46.38 1.41 0.00	101.42 3.28 0.00	98.91 2.37 0.00	80.71 1.69 0.00	124.41 2.90 0.00	126.42 2.84 0.00	98.06 2.27 0.00	91.35 1.93 0.00	91.62 2.11 0.00	71.01 1.73 0.00	62.12 1.84 0.00	65.07 1.90 0.00	67.34 1.93 0.00	71.41 2.11 0.00	68.96 2.02 0.00	60.70 1.91 0.00	55.45 1.64 0.00	53.35 1.51 0.00
RANKINE____ 23646	37.06 -0.51 0.00	38.35 -0.53 0.00	36.99 -0.49 0.00	38.96 -0.43 0.00	33.73 -0.48 0.00	34.67 -0.46 0.00	43.70 -1.27 0.00	95.34 -2.80 0.00	94.46 -2.08 0.00	77.69 -1.33 0.00	120.45 -1.06 0.00	121.57 -2.01 0.00	93.89 -1.90 0.00	86.82 -2.61 0.00	86.34 -3.17 0.00	66.96 -2.33 0.00	58.02 -2.26 0.00	61.71 -1.46 0.00	64.34 -1.07 0.00	67.76 -1.54 0.00	65.40 -1.54 0.00	57.83 -0.96 0.00	53.27 -0.53 0.00	52.02 0.18 0.00
RAVENSWOOD_GT2_1 24244	38.87 1.30 0.00	40.18 1.30 0.00	38.71 1.24 0.00	40.63 1.24 0.00	35.40 1.18 0.00	36.50 1.38 0.00	46.96 2.00 0.00	102.70 4.56 0.00	100.10 3.56 0.00	81.78 2.76 0.00	125.94 4.43 0.00	128.12 4.53 0.00	99.34 3.54 0.00	92.48 3.05 0.00	92.73 3.22 0.00	71.91 2.63 0.00	62.85 2.57 0.00	65.80 2.62 0.00	68.03 2.63 0.00	72.11 2.81 0.00	69.70 2.75 0.00	61.35 2.55 0.00	56.09 2.29 0.00	54.02 2.18 0.00
RAVENSWOOD_GT2_2 24245	38.87 1.30 0.00	40.18 1.30 0.00	38.71 1.24 0.00	40.63 1.24 0.00	35.40 1.18 0.00	36.50 1.38 0.00	46.96 2.00 0.00	102.70 4.56 0.00	100.10 3.56 0.00	81.78 2.76 0.00	125.94 4.43 0.00	128.12 4.53 0.00	99.34 3.54 0.00	92.48 3.05 0.00	92.73 3.22 0.00	71.91 2.63 0.00	62.85 2.57 0.00	65.80 2.62 0.00	68.03 2.63 0.00	72.11 2.81 0.00	69.70 2.75 0.00	61.35 2.55 0.00	56.09 2.29 0.00	54.02 2.18 0.00

RAVENSWOOD_GT2_3 24246	38.89 1.32 0.00	40.19 1.31 0.00	38.72 1.25 0.00	40.64 1.25 0.00	35.41 1.19 0.00	36.52 1.39 0.00	46.97 2.01 0.00	102.76 4.62 0.00	100.17 3.63 0.00	81.82 2.80 0.00	126.00 4.49 0.00	128.17 4.59 0.00	99.39 3.60 0.00	92.54 3.12 0.00	92.78 3.27 0.00	71.95 2.66 0.00	62.88 2.60 0.00	65.83 2.65 0.00	68.07 2.66 0.00	72.17 2.87 0.00	69.72 2.78 0.00	61.39 2.60 0.00	56.13 2.32 0.00	54.04 2.20 0.00
RAVENSWOOD_GT2_4 24247	38.89 1.32 0.00	40.19 1.31 0.00	38.72 1.25 0.00	40.64 1.25 0.00	35.41 1.19 0.00	36.52 1.39 0.00	46.97 2.01 0.00	102.76 4.62 0.00	100.17 3.63 0.00	81.82 2.80 0.00	126.00 4.49 0.00	128.17 4.59 0.00	99.39 3.60 0.00	92.54 3.12 0.00	92.78 3.27 0.00	71.95 2.66 0.00	62.88 2.60 0.00	65.83 2.65 0.00	68.07 2.66 0.00	72.17 2.87 0.00	69.72 2.78 0.00	61.39 2.60 0.00	56.13 2.32 0.00	54.04 2.20 0.00
RAVENSWOOD_GT3_1 24248	38.87 1.30 0.00	40.18 1.30 0.00	38.71 1.24 0.00	40.63 1.24 0.00	35.40 1.18 0.00	36.50 1.38 0.00	46.96 2.00 0.00	102.70 4.56 0.00	100.12 3.57 0.00	81.78 2.76 0.00	125.94 4.43 0.00	128.12 4.53 0.00	99.34 3.54 0.00	92.48 3.05 0.00	92.73 3.22 0.00	71.92 2.63 0.00	62.85 2.57 0.00	65.80 2.62 0.00	68.04 2.63 0.00	72.11 2.81 0.00	69.70 2.76 0.00	61.35 2.56 0.00	56.09 2.29 0.00	54.02 2.18 0.00
RAVENSWOOD_GT3_2 24249	38.87 1.30 0.00	40.18 1.30 0.00	38.71 1.24 0.00	40.63 1.24 0.00	35.40 1.18 0.00	36.50 1.38 0.00	46.96 2.00 0.00	102.70 4.56 0.00	100.12 3.57 0.00	81.78 2.76 0.00	125.94 4.43 0.00	128.12 4.53 0.00	99.34 3.54 0.00	92.48 3.05 0.00	92.73 3.22 0.00	71.92 2.63 0.00	62.85 2.57 0.00	65.80 2.62 0.00	68.04 2.63 0.00	72.11 2.81 0.00	69.70 2.76 0.00	61.35 2.56 0.00	56.09 2.29 0.00	54.02 2.18 0.00
RAVENSWOOD_GT3_3 24250	38.93 1.36 0.00	40.23 1.35 0.00	38.76 1.28 0.00	40.68 1.28 0.00	35.44 1.22 0.00	36.55 1.43 0.00	47.02 2.05 0.00	102.86 4.72 0.00	100.27 3.73 0.00	81.93 2.91 0.00	126.14 4.63 0.00	128.34 4.76 0.00	99.51 3.72 0.00	92.64 3.21 0.00	92.88 3.37 0.00	72.03 2.74 0.00	62.96 2.68 0.00	65.91 2.74 0.00	68.15 2.74 0.00	72.24 2.95 0.00	69.80 2.86 0.00	61.46 2.66 0.00	56.18 2.38 0.00	54.09 2.26 0.00
RAVENSWOOD_GT3_4 24251	38.93 1.36 0.00	40.23 1.35 0.00	38.76 1.28 0.00	40.68 1.28 0.00	35.44 1.22 0.00	36.55 1.43 0.00	47.02 2.05 0.00	102.86 4.72 0.00	100.27 3.73 0.00	81.93 2.91 0.00	126.14 4.63 0.00	128.34 4.76 0.00	99.51 3.72 0.00	92.64 3.21 0.00	92.88 3.37 0.00	72.03 2.74 0.00	62.96 2.68 0.00	65.91 2.74 0.00	68.15 2.74 0.00	72.24 2.95 0.00	69.80 2.86 0.00	61.46 2.66 0.00	56.18 2.38 0.00	54.09 2.26 0.00
RAVENSWOOD_GT_1 23729	38.95 1.38 0.00	40.25 1.37 0.00	38.79 1.32 0.00	40.70 1.31 0.00	35.46 1.24 0.00	36.55 1.42 0.00	46.98 2.01 0.00	102.65 4.51 0.00	100.10 3.56 0.00	81.74 2.72 0.00	125.90 4.39 0.00	128.12 4.53 0.00	99.31 3.52 0.00	92.44 3.01 0.00	92.73 3.22 0.00	71.98 2.70 0.00	62.87 2.59 0.00	65.83 2.65 0.00	68.06 2.66 0.00	72.13 2.83 0.00	69.71 2.77 0.00	61.37 2.58 0.00	56.19 2.38 0.00	54.17 2.33 0.00
RAVENSWOOD_GT_10 24258	38.87 1.30 0.00	40.18 1.30 0.00	38.71 1.24 0.00	40.63 1.24 0.00	35.40 1.18 0.00	36.50 1.38 0.00	46.97 2.00 0.00	102.70 4.56 0.00	100.12 3.57 0.00	81.78 2.76 0.00	125.96 4.45 0.00	128.15 4.56 0.00	99.34 3.54 0.00	92.49 3.06 0.00	92.73 3.22 0.00	71.92 2.63 0.00	62.85 2.57 0.00	65.80 2.62 0.00	68.04 2.63 0.00	72.11 2.81 0.00	69.71 2.77 0.00	61.35 2.56 0.00	56.09 2.29 0.00	54.02 2.18 0.00
RAVENSWOOD_GT_11 24259	38.87 1.30 0.00	40.18 1.30 0.00	38.71 1.24 0.00	40.63 1.24 0.00	35.40 1.18 0.00	36.50 1.38 0.00	46.97 2.00 0.00	102.70 4.56 0.00	100.12 3.57 0.00	81.78 2.76 0.00	125.96 4.45 0.00	128.15 4.56 0.00	99.34 3.54 0.00	92.49 3.06 0.00	92.73 3.22 0.00	71.92 2.63 0.00	62.85 2.57 0.00	65.80 2.62 0.00	68.04 2.63 0.00	72.11 2.81 0.00	69.71 2.77 0.00	61.35 2.56 0.00	56.09 2.29 0.00	54.02 2.18 0.00
RAVENSWOOD_GT_4 24252	38.89 1.32 0.00	40.19 1.31 0.00	38.72 1.25 0.00	40.63 1.24 0.00	35.40 1.19 0.00	36.51 1.38 0.00	46.95 1.98 0.00	102.67 4.53 0.00	100.09 3.55 0.00	81.75 2.73 0.00	125.90 4.39 0.00	128.09 4.50 0.00	99.30 3.51 0.00	92.46 3.03 0.00	92.70 3.19 0.00	71.92 2.64 0.00	62.85 2.56 0.00	65.79 2.62 0.00	68.03 2.62 0.00	72.10 2.81 0.00	69.68 2.74 0.00	61.35 2.56 0.00	56.12 2.31 0.00	54.05 2.21 0.00
RAVENSWOOD_GT_5 24254	38.89 1.32 0.00	40.19 1.31 0.00	38.72 1.25 0.00	40.63 1.24 0.00	35.40 1.19 0.00	36.51 1.38 0.00	46.95 1.98 0.00	102.67 4.53 0.00	100.09 3.55 0.00	81.75 2.73 0.00	125.90 4.39 0.00	128.09 4.50 0.00	99.30 3.51 0.00	92.46 3.03 0.00	92.70 3.19 0.00	71.92 2.64 0.00	62.85 2.56 0.00	65.79 2.62 0.00	68.03 2.62 0.00	72.10 2.81 0.00	69.68 2.74 0.00	61.35 2.56 0.00	56.12 2.31 0.00	54.05 2.21 0.00
RAVENSWOOD_GT_6 24253	38.89 1.32 0.00	40.19 1.31 0.00	38.72 1.25 0.00	40.63 1.24 0.00	35.40 1.19 0.00	36.51 1.38 0.00	46.95 1.98 0.00	102.67 4.53 0.00	100.09 3.55 0.00	81.75 2.73 0.00	125.90 4.39 0.00	128.09 4.50 0.00	99.30 3.51 0.00	92.46 3.03 0.00	92.70 3.19 0.00	71.92 2.64 0.00	62.85 2.56 0.00	65.79 2.62 0.00	68.03 2.62 0.00	72.10 2.81 0.00	69.68 2.74 0.00	61.35 2.56 0.00	56.12 2.31 0.00	54.05 2.21 0.00
RAVENSWOOD_GT_7 24255	38.89 1.32 0.00	40.19 1.31 0.00	38.72 1.25 0.00	40.63 1.24 0.00	35.40 1.19 0.00	36.51 1.38 0.00	46.95 1.98 0.00	102.67 4.53 0.00	100.09 3.55 0.00	81.75 2.73 0.00	125.90 4.39 0.00	128.09 4.50 0.00	99.30 3.51 0.00	92.46 3.03 0.00	92.70 3.19 0.00	71.92 2.64 0.00	62.85 2.56 0.00	65.79 2.62 0.00	68.03 2.62 0.00	72.10 2.81 0.00	69.68 2.74 0.00	61.35 2.56 0.00	56.12 2.31 0.00	54.05 2.21 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.87 1.30 0.00	40.18 1.30 0.00	38.71 1.24 0.00	40.63 1.24 0.00	35.40 1.18 0.00	36.50 1.38 0.00	46.97 2.00 0.00	102.70 4.56 0.00	100.12 3.57 0.00	81.78 2.76 0.00	125.96 4.45 0.00	128.15 4.56 0.00	99.34 3.54 0.00	92.49 3.06 0.00	92.73 3.22 0.00	71.92 2.63 0.00	62.85 2.57 0.00	65.80 2.62 0.00	68.04 2.63 0.00	72.11 2.81 0.00	69.71 2.77 0.00	61.35 2.56 0.00	56.09 2.29 0.00	54.02 2.18 0.00
RAVENSWOOD_GT_9 24257	38.87 1.30 0.00	40.18 1.30 0.00	38.71 1.24 0.00	40.63 1.24 0.00	35.40 1.18 0.00	36.50 1.38 0.00	46.97 2.00 0.00	102.70 4.56 0.00	100.12 3.57 0.00	81.78 2.76 0.00	125.96 4.45 0.00	128.15 4.56 0.00	99.34 3.54 0.00	92.49 3.06 0.00	92.73 3.22 0.00	71.92 2.63 0.00	62.85 2.57 0.00	65.80 2.62 0.00	68.04 2.63 0.00	72.11 2.81 0.00	69.71 2.77 0.00	61.35 2.56 0.00	56.09 2.29 0.00	54.02 2.18 0.00

RAVENSWOOD___1 23533	38.93 1.36 0.00	40.23 1.35 0.00	38.76 1.29 0.00	40.67 1.28 0.00	35.43 1.22 0.00	36.53 1.40 0.00	46.96 1.99 0.00	102.62 4.48 0.00	100.05 3.51 0.00	81.72 2.70 0.00	125.85 4.35 0.00	128.06 4.48 0.00	99.29 3.50 0.00	92.44 3.01 0.00	92.71 3.20 0.00	71.93 2.64 0.00	62.86 2.58 0.00	65.79 2.62 0.00	68.05 2.65 0.00	72.10 2.80 0.00	69.68 2.74 0.00	61.36 2.56 0.00	56.17 2.37 0.00	54.14 2.30 0.00
RAVENSWOOD___2 23534	38.91 1.34 0.00	40.20 1.32 0.00	38.74 1.26 0.00	40.65 1.26 0.00	35.41 1.20 0.00	36.51 1.38 0.00	46.94 1.97 0.00	102.57 4.43 0.00	100.02 3.48 0.00	81.70 2.67 0.00	125.79 4.28 0.00	128.01 4.43 0.00	99.24 3.45 0.00	92.42 3.00 0.00	92.65 3.14 0.00	71.93 2.64 0.00	62.82 2.54 0.00	65.77 2.60 0.00	68.02 2.61 0.00	72.08 2.79 0.00	69.66 2.72 0.00	61.34 2.55 0.00	56.14 2.33 0.00	54.10 2.26 0.00
RAVENSWOOD___3 23535	38.88 1.31 0.00	40.18 1.30 0.00	38.71 1.24 0.00	40.63 1.24 0.00	35.39 1.18 0.00	36.50 1.38 0.00	46.97 2.00 0.00	102.70 4.56 0.00	100.11 3.57 0.00	81.79 2.77 0.00	125.95 4.44 0.00	128.13 4.55 0.00	99.33 3.54 0.00	92.50 3.07 0.00	92.72 3.21 0.00	71.93 2.64 0.00	62.85 2.57 0.00	65.79 2.62 0.00	68.04 2.63 0.00	72.11 2.81 0.00	69.71 2.77 0.00	61.36 2.57 0.00	56.10 2.30 0.00	54.02 2.18 0.00
RAVENSWOOD___4 23820	38.91 1.34 0.00	40.20 1.32 0.00	38.74 1.26 0.00	40.65 1.26 0.00	35.41 1.20 0.00	36.51 1.38 0.00	46.94 1.97 0.00	102.57 4.43 0.00	100.02 3.48 0.00	81.70 2.67 0.00	125.79 4.28 0.00	128.01 4.43 0.00	99.24 3.45 0.00	92.42 3.00 0.00	92.65 3.14 0.00	71.93 2.64 0.00	62.82 2.54 0.00	65.77 2.60 0.00	68.02 2.61 0.00	72.08 2.79 0.00	69.66 2.72 0.00	61.34 2.55 0.00	56.14 2.33 0.00	54.10 2.26 0.00
RCPL_TRUST___DRP 24196	38.83 1.26 0.00	40.14 1.26 0.00	38.67 1.20 0.00	40.59 1.20 0.00	35.37 1.15 0.00	36.50 1.37 0.00	46.97 2.00 0.00	102.76 4.62 0.00	100.12 3.57 0.00	81.80 2.78 0.00	125.99 4.48 0.00	128.16 4.57 0.00	99.35 3.56 0.00	92.52 3.10 0.00	92.71 3.20 0.00	71.90 2.61 0.00	62.85 2.56 0.00	65.79 2.62 0.00	68.01 2.60 0.00	72.09 2.80 0.00	69.64 2.69 0.00	61.29 2.49 0.00	56.03 2.23 0.00	53.95 2.11 0.00
RED___ROCHESTER 323720	37.36 -0.21 0.00	38.64 -0.24 0.00	37.22 -0.25 0.00	39.19 -0.20 0.00	34.05 -0.16 0.00	35.01 -0.11 0.00	44.53 -0.44 0.00	97.53 -0.61 0.00	96.52 -0.02 0.00	79.34 0.32 0.00	122.59 1.08 0.00	124.14 0.56 0.00	96.07 0.28 0.00	89.09 -0.34 0.00	88.88 -0.63 0.00	68.84 -0.44 0.00	59.85 -0.43 0.00	63.41 0.24 0.00	65.86 0.45 0.00	69.44 0.14 0.00	66.98 0.04 0.00	58.98 0.19 0.00	54.12 0.31 0.00	52.49 0.65 0.00
REGAN___SOLAR 323812	38.60 1.02 0.00	39.88 1.00 0.00	38.41 0.93 0.00	40.40 1.01 0.00	35.19 0.98 0.00	36.20 1.08 0.00	46.49 1.53 0.00	101.66 3.52 0.00	99.47 2.93 0.00	81.49 2.47 0.00	125.74 4.23 0.00	127.45 3.87 0.00	99.09 3.30 0.00	92.98 3.55 0.00	93.50 3.99 0.00	72.35 3.07 0.00	62.95 2.67 0.00	65.90 2.73 0.00	68.10 2.69 0.00	72.08 2.79 0.00	69.48 2.54 0.00	60.88 2.08 0.00	55.72 1.91 0.00	53.56 1.72 0.00
RENSSELAER___COGEN 23796	37.78 0.21 0.00	39.10 0.22 0.00	37.70 0.23 0.00	39.60 0.20 0.00	34.50 0.28 0.00	35.39 0.26 0.00	45.25 0.28 0.00	98.48 0.34 0.00	96.60 0.06 0.00	78.88 -0.13 0.00	121.38 -0.13 0.00	123.58 0.00 0.00	95.90 0.11 0.00	89.60 0.18 0.00	89.90 0.39 0.00	69.48 0.19 0.00	60.33 0.05 0.00	63.05 -0.12 0.00	65.16 -0.25 0.00	69.00 -0.29 0.00	66.72 -0.23 0.00	58.69 -0.10 0.00	53.70 -0.10 0.00	51.71 -0.13 0.00
REPUBLIC_115KV_BARTNBK 55605	41.91 4.34 0.00	43.05 4.17 0.00	41.34 3.87 0.00	43.46 4.07 0.00	37.71 3.50 0.00	38.91 3.78 0.00	50.56 5.59 0.00	108.96 10.82 0.00	106.68 10.14 0.00	86.82 7.79 0.00	134.02 12.51 0.00	137.88 14.30 0.00	105.88 10.09 0.00	100.10 10.68 0.00	100.76 11.25 0.00	78.12 8.83 0.00	66.84 6.55 0.00	70.32 7.14 0.00	72.20 6.79 0.00	76.27 6.98 0.00	72.96 6.02 0.00	64.75 5.96 0.00	59.79 5.98 0.00	56.84 5.01 0.00
REVERE_CPPR_DRP 24186	38.62 1.05 0.00	40.05 1.17 0.00	38.65 1.18 0.00	40.65 1.26 0.00	35.39 1.18 0.00	36.44 1.31 0.00	46.96 2.00 0.00	102.70 4.57 0.00	101.16 4.62 0.00	82.79 3.77 0.00	127.60 6.10 0.00	129.61 6.04 0.00	100.34 4.55 0.00	93.52 4.10 0.00	93.69 4.18 0.00	72.64 3.35 0.00	63.32 3.03 0.00	66.22 3.05 0.00	68.56 3.15 0.00	72.44 3.15 0.00	69.84 2.90 0.00	61.28 2.48 0.00	55.94 2.14 0.00	53.79 1.95 0.00
REYNLDPA_13_KV_LD 356490	38.72 1.14 0.00	39.99 1.11 0.00	38.55 1.08 0.00	40.53 1.14 0.00	35.01 0.80 0.00	35.98 0.86 0.00	45.98 1.01 0.00	100.27 2.13 0.00	98.93 2.40 0.00	81.04 2.02 0.00	124.53 3.02 0.00	126.48 2.90 0.00	98.21 2.42 0.00	91.74 2.32 0.00	91.58 2.07 0.00	70.89 1.61 0.00	61.64 1.35 0.00	64.63 1.46 0.00	67.02 1.62 0.00	71.08 1.78 0.00	68.62 1.68 0.00	60.25 1.45 0.00	55.17 1.36 0.00	53.25 1.41 0.00
REYNOLDS_115KV_TB3 80639	37.91 0.34 0.00	39.24 0.36 0.00	37.84 0.37 0.00	39.71 0.32 0.00	34.61 0.39 0.00	35.47 0.35 0.00	45.39 0.42 0.00	98.73 0.59 0.00	96.85 0.31 0.00	79.09 0.07 0.00	121.69 0.18 0.00	123.90 0.31 0.00	96.12 0.33 0.00	89.79 0.36 0.00	90.14 0.63 0.00	69.60 0.31 0.00	60.36 0.08 0.00	63.09 -0.08 0.00	65.19 -0.21 0.00	69.02 -0.28 0.00	66.74 -0.21 0.00	58.75 -0.05 0.00	53.80 0.00 0.00	51.79 -0.04 0.00
RIVERBAY____ 323610	39.62 2.04 0.00	41.02 2.14 0.00	39.53 2.05 0.00	41.50 2.11 0.00	36.15 1.94 0.00	37.33 2.21 0.00	47.81 2.84 0.00	104.66 6.52 0.00	102.11 5.57 0.00	83.30 4.28 0.00	128.21 6.69 0.00	130.44 6.86 0.00	101.03 5.25 0.00	93.99 4.56 0.00	94.30 4.79 0.00	73.27 3.98 0.00	64.00 3.72 0.00	66.97 3.80 0.00	69.25 3.84 0.00	73.43 4.14 0.00	70.87 3.93 0.00	62.43 3.64 0.00	57.16 3.36 0.00	55.04 3.21 0.00
RIVERSDE_115KV_TB3 55908	37.89 0.32 0.00	39.21 0.33 0.00	37.81 0.33 0.00	39.70 0.30 0.00	34.59 0.37 0.00	35.47 0.34 0.00	45.37 0.41 0.00	98.74 0.60 0.00	96.85 0.32 0.00	79.11 0.09 0.00	121.72 0.21 0.00	123.95 0.36 0.00	96.17 0.38 0.00	89.85 0.43 0.00	90.17 0.66 0.00	69.64 0.35 0.00	60.44 0.16 0.00	63.17 0.00 0.00	65.28 -0.13 0.00	69.13 -0.17 0.00	66.84 -0.11 0.00	58.80 0.00 0.00	53.81 0.01 0.00	51.81 -0.02 0.00
ROARING___BROOK_WT_PWR 323790	37.79 0.21 0.00	39.08 0.19 0.00	37.66 0.19 0.00	39.59 0.20 0.00	34.36 0.14 0.00	35.27 0.14 0.00	45.11 0.14 0.00	98.45 0.31 0.00	96.97 0.43 0.00	79.41 0.39 0.00	122.00 0.49 0.00	124.08 0.50 0.00	96.18 0.39 0.00	89.80 0.37 0.00	89.86 0.35 0.00	69.52 0.24 0.00	60.47 0.19 0.00	63.38 0.21 0.00	65.66 0.25 0.00	69.55 0.25 0.00	67.22 0.27 0.00	59.03 0.23 0.00	54.02 0.22 0.00	52.08 0.24 0.00

ROCHESRG_115KV_T4 355643	37.01 -0.56 0.00	38.29 -0.59 0.00	36.89 -0.58 0.00	38.85 -0.54 0.00	33.75 -0.47 0.00	34.67 -0.45 0.00	44.02 -0.94 0.00	96.20 -1.93 0.00	95.15 -1.39 0.00	78.21 -0.81 0.00	120.80 -0.71 0.00	122.32 -1.26 0.00	94.64 -1.15 0.00	87.81 -1.62 0.00	87.57 -1.95 0.00	67.82 -1.47 0.00	58.93 -1.35 0.00	62.38 -0.79 0.00	64.80 -0.60 0.00	68.37 -0.93 0.00	65.98 -0.96 0.00	58.14 -0.66 0.00	53.39 -0.41 0.00	51.85 0.02 0.00
ROCHESTER_9_IC 23652	37.21 -0.37 0.00	38.48 -0.40 0.00	37.08 -0.39 0.00	39.05 -0.34 0.00	33.92 -0.30 0.00	34.87 -0.26 0.00	44.31 -0.65 0.00	97.06 -1.08 0.00	96.03 -0.50 0.00	78.94 -0.08 0.00	121.98 0.47 0.00	123.52 -0.06 0.00	95.57 -0.22 0.00	88.66 -0.77 0.00	88.41 -1.11 0.00	68.46 -0.82 0.00	59.50 -0.78 0.00	63.03 -0.15 0.00	65.47 0.06 0.00	69.02 -0.28 0.00	66.60 -0.35 0.00	58.67 -0.13 0.00	53.86 0.06 0.00	52.27 0.43 0.00
ROCKVIEW_13_KV_LD 356306	38.77 1.20 0.00	40.10 1.22 0.00	38.64 1.17 0.00	40.55 1.16 0.00	35.35 1.13 0.00	36.45 1.33 0.00	46.90 1.93 0.00	102.56 4.42 0.00	100.02 3.48 0.00	81.72 2.70 0.00	125.86 4.36 0.00	128.03 4.45 0.00	99.31 3.52 0.00	92.50 3.08 0.00	92.75 3.24 0.00	71.89 2.60 0.00	62.82 2.54 0.00	65.80 2.62 0.00	68.05 2.65 0.00	72.16 2.86 0.00	69.72 2.78 0.00	61.37 2.58 0.00	56.11 2.31 0.00	53.94 2.10 0.00
ROME____115KV_TB2 80656	38.62 1.05 0.00	40.05 1.17 0.00	38.65 1.18 0.00	40.65 1.26 0.00	35.39 1.18 0.00	36.44 1.31 0.00	46.96 2.00 0.00	102.70 4.57 0.00	101.16 4.62 0.00	82.79 3.77 0.00	127.60 6.10 0.00	129.61 6.04 0.00	100.34 4.55 0.00	93.52 4.10 0.00	93.69 4.18 0.00	72.64 3.35 0.00	63.32 3.03 0.00	66.22 3.05 0.00	68.56 3.15 0.00	72.44 3.15 0.00	69.84 2.90 0.00	61.28 2.48 0.00	55.94 2.14 0.00	53.79 1.95 0.00
ROSETON___1 23587	38.33 0.76 0.00	39.65 0.77 0.00	38.23 0.75 0.00	40.14 0.74 0.00	34.94 0.73 0.00	35.99 0.86 0.00	46.25 1.28 0.00	100.99 2.85 0.00	98.62 2.09 0.00	80.57 1.55 0.00	124.03 2.52 0.00	126.15 2.57 0.00	97.87 2.08 0.00	91.20 1.78 0.00	91.45 1.94 0.00	70.88 1.60 0.00	61.90 1.61 0.00	64.74 1.57 0.00	66.97 1.57 0.00	71.03 1.73 0.00	68.68 1.73 0.00	60.47 1.67 0.00	55.29 1.48 0.00	53.21 1.37 0.00
ROSETON___2 23588	38.33 0.76 0.00	39.65 0.77 0.00	38.23 0.75 0.00	40.14 0.74 0.00	34.94 0.73 0.00	35.99 0.86 0.00	46.25 1.28 0.00	100.99 2.85 0.00	98.62 2.09 0.00	80.57 1.55 0.00	124.03 2.52 0.00	126.15 2.57 0.00	97.87 2.08 0.00	91.20 1.78 0.00	91.45 1.94 0.00	70.88 1.60 0.00	61.90 1.61 0.00	64.74 1.57 0.00	66.97 1.57 0.00	71.03 1.73 0.00	68.68 1.73 0.00	60.47 1.67 0.00	55.29 1.48 0.00	53.21 1.37 0.00
ROTRRDAM_115KV_TB3 80664	38.24 0.67 0.00	39.59 0.71 0.00	38.15 0.68 0.00	40.09 0.69 0.00	34.86 0.65 0.00	35.74 0.62 0.00	45.83 0.86 0.00	99.90 1.77 0.00	98.01 1.47 0.00	80.13 1.11 0.00	123.33 1.82 0.00	125.51 1.93 0.00	97.33 1.54 0.00	90.91 1.48 0.00	91.21 1.70 0.00	70.52 1.23 0.00	61.30 1.02 0.00	64.13 0.95 0.00	66.31 0.91 0.00	70.25 0.95 0.00	67.85 0.90 0.00	59.66 0.87 0.00	54.62 0.82 0.00	52.56 0.73 0.00
RUSSELL___1 23602	37.36 -0.21 0.00	38.64 -0.24 0.00	37.22 -0.25 0.00	39.18 -0.21 0.00	34.05 -0.16 0.00	35.01 -0.11 0.00	44.53 -0.44 0.00	97.53 -0.61 0.00	96.52 -0.02 0.00	79.34 0.32 0.00	122.61 1.10 0.00	124.15 0.57 0.00	96.06 0.27 0.00	89.13 -0.30 0.00	88.88 -0.63 0.00	68.84 -0.45 0.00	59.86 -0.43 0.00	63.41 0.24 0.00	65.86 0.46 0.00	69.43 0.14 0.00	66.98 0.04 0.00	58.99 0.19 0.00	54.12 0.32 0.00	52.49 0.65 0.00
RUSSELL___2 23532	37.36 -0.21 0.00	38.64 -0.24 0.00	37.22 -0.25 0.00	39.18 -0.21 0.00	34.05 -0.16 0.00	35.01 -0.11 0.00	44.53 -0.44 0.00	97.53 -0.61 0.00	96.52 -0.02 0.00	79.34 0.32 0.00	122.61 1.10 0.00	124.15 0.57 0.00	96.06 0.27 0.00	89.13 -0.30 0.00	88.88 -0.63 0.00	68.84 -0.45 0.00	59.86 -0.43 0.00	63.41 0.24 0.00	65.86 0.46 0.00	69.43 0.14 0.00	66.98 0.04 0.00	58.99 0.19 0.00	54.12 0.32 0.00	52.49 0.65 0.00
RUSSELL___3 23549	37.36 -0.21 0.00	38.64 -0.24 0.00	37.22 -0.25 0.00	39.18 -0.21 0.00	34.05 -0.16 0.00	35.01 -0.11 0.00	44.53 -0.44 0.00	97.53 -0.61 0.00	96.52 -0.02 0.00	79.34 0.32 0.00	122.61 1.10 0.00	124.15 0.57 0.00	96.06 0.27 0.00	89.13 -0.30 0.00	88.88 -0.63 0.00	68.84 -0.45 0.00	59.86 -0.43 0.00	63.41 0.24 0.00	65.86 0.46 0.00	69.43 0.14 0.00	66.98 0.04 0.00	58.99 0.19 0.00	54.12 0.32 0.00	52.49 0.65 0.00
RUSSELL___4 23556	37.36 -0.21 0.00	38.64 -0.24 0.00	37.22 -0.25 0.00	39.18 -0.21 0.00	34.05 -0.16 0.00	35.01 -0.11 0.00	44.53 -0.44 0.00	97.53 -0.61 0.00	96.52 -0.02 0.00	79.34 0.32 0.00	122.61 1.10 0.00	124.15 0.57 0.00	96.06 0.27 0.00	89.13 -0.30 0.00	88.88 -0.63 0.00	68.84 -0.45 0.00	59.86 -0.43 0.00	63.41 0.24 0.00	65.86 0.46 0.00	69.43 0.14 0.00	66.98 0.04 0.00	58.99 0.19 0.00	54.12 0.32 0.00	52.49 0.65 0.00
RUSSELL___STATION 23914	37.36 -0.21 0.00	38.64 -0.24 0.00	37.22 -0.25 0.00	39.18 -0.21 0.00	34.05 -0.16 0.00	35.01 -0.11 0.00	44.53 -0.44 0.00	97.53 -0.61 0.00	96.52 -0.02 0.00	79.34 0.32 0.00	122.61 1.10 0.00	124.15 0.57 0.00	96.06 0.27 0.00	89.13 -0.30 0.00	88.88 -0.63 0.00	68.84 -0.45 0.00	59.86 -0.43 0.00	63.41 0.24 0.00	65.86 0.46 0.00	69.43 0.14 0.00	66.98 0.04 0.00	58.99 0.19 0.00	54.12 0.32 0.00	52.49 0.65 0.00
S SALMON___HYD 24043	37.02 -0.55 0.00	38.32 -0.56 0.00	36.86 -0.61 0.00	38.79 -0.60 0.00	33.80 -0.42 0.00	34.64 -0.49 0.00	44.48 -0.49 0.00	97.30 -0.84 0.00	95.75 -0.78 0.00	78.62 -0.40 0.00	121.27 -0.24 0.00	123.16 -0.42 0.00	95.45 -0.34 0.00	88.95 -0.48 0.00	88.54 -0.97 0.00	68.56 -0.73 0.00	59.57 -0.71 0.00	62.58 -0.59 0.00	64.84 -0.57 0.00	68.53 -0.77 0.00	66.13 -0.82 0.00	58.04 -0.76 0.00	53.11 -0.69 0.00	51.19 -0.65 0.00
S.PERRY___115KV_TB1 80734	38.36 0.79 0.00	39.67 0.79 0.00	38.24 0.77 0.00	40.24 0.85 0.00	34.95 0.73 0.00	36.05 0.92 0.00	45.97 1.00 0.00	100.88 2.74 0.00	99.82 3.28 0.00	81.90 2.88 0.00	126.45 4.94 0.00	127.56 3.98 0.00	98.31 2.52 0.00	90.60 1.18 0.00	88.51 -1.00 0.00	68.09 -1.19 0.00	59.34 -0.95 0.00	63.17 -0.01 0.00	65.68 0.27 0.00	69.18 -0.12 0.00	66.59 -0.35 0.00	60.20 1.41 0.00	55.51 1.71 0.00	53.88 2.04 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.84 -0.73 0.00	38.12 -0.76 0.00	36.75 -0.73 0.00	38.72 -0.67 0.00	33.53 -0.68 0.00	34.40 -0.72 0.00	43.27 -1.69 0.00	94.26 -3.88 0.00	93.44 -3.09 0.00	76.94 -2.08 0.00	119.18 -2.33 0.00	120.31 -3.27 0.00	92.95 -2.84 0.00	85.95 -3.48 0.00	85.51 -4.00 0.00	66.30 -2.98 0.00	57.44 -2.84 0.00	61.09 -2.08 0.00	63.67 -1.74 0.00	67.08 -2.22 0.00	64.80 -2.15 0.00	57.29 -1.51 0.00	52.85 -0.96 0.00	51.69 -0.15 0.00

SAWYER___23_KV_LOAD 55526	36.84 -0.73 0.00	38.12 -0.76 0.00	36.75 -0.73 0.00	38.72 -0.67 0.00	33.53 -0.68 0.00	34.40 -0.72 0.00	43.27 -1.69 0.00	94.26 -3.88 0.00	93.44 -3.09 0.00	76.94 -2.08 0.00	119.18 -2.33 0.00	120.31 -3.27 0.00	92.95 -2.84 0.00	85.95 -3.48 0.00	85.51 -4.00 0.00	66.30 -2.98 0.00	57.44 -2.84 0.00	61.09 -2.08 0.00	63.67 -1.74 0.00	67.08 -2.22 0.00	64.80 -2.15 0.00	57.29 -1.51 0.00	52.85 -0.96 0.00	51.69 -0.15 0.00
SELKIRK___I 23801	37.96 0.39 0.00	39.33 0.45 0.00	37.92 0.45 0.00	39.86 0.46 0.00	34.71 0.50 0.00	35.60 0.48 0.00	45.53 0.56 0.00	99.13 0.99 0.00	97.20 0.66 0.00	79.42 0.40 0.00	122.15 0.64 0.00	124.30 0.72 0.00	96.48 0.69 0.00	90.14 0.71 0.00	90.42 0.91 0.00	69.89 0.60 0.00	60.71 0.43 0.00	63.48 0.30 0.00	65.61 0.20 0.00	69.51 0.21 0.00	67.22 0.27 0.00	59.12 0.33 0.00	54.13 0.32 0.00	52.12 0.28 0.00
SELKIRK___II 23799	37.85 0.28 0.00	39.18 0.30 0.00	37.78 0.31 0.00	39.70 0.30 0.00	34.58 0.37 0.00	35.46 0.34 0.00	45.38 0.41 0.00	98.84 0.71 0.00	96.93 0.39 0.00	79.19 0.17 0.00	121.85 0.34 0.00	124.02 0.44 0.00	96.22 0.43 0.00	89.87 0.45 0.00	90.15 0.64 0.00	69.69 0.40 0.00	60.56 0.28 0.00	63.31 0.13 0.00	65.46 0.05 0.00	69.34 0.04 0.00	67.05 0.11 0.00	58.98 0.18 0.00	53.97 0.17 0.00	51.96 0.13 0.00
SENECA OSWGO___HYD 24041	36.39 -1.18 0.00	37.68 -1.20 0.00	36.30 -1.18 0.00	38.18 -1.22 0.00	33.26 -0.96 0.00	34.14 -0.99 0.00	43.73 -1.24 0.00	95.45 -2.69 0.00	93.94 -2.60 0.00	76.91 -2.11 0.00	118.52 -2.99 0.00	120.48 -3.11 0.00	93.39 -2.40 0.00	87.03 -2.40 0.00	87.06 -2.45 0.00	67.41 -1.87 0.00	58.69 -1.59 0.00	61.62 -1.55 0.00	63.82 -1.59 0.00	67.51 -1.79 0.00	65.18 -1.76 0.00	57.25 -1.55 0.00	52.37 -1.44 0.00	50.46 -1.38 0.00
SENECA___115KV_TB3 355854	37.12 -0.45 0.00	38.42 -0.46 0.00	37.05 -0.43 0.00	39.02 -0.37 0.00	33.80 -0.42 0.00	34.72 -0.40 0.00	43.77 -1.20 0.00	95.50 -2.64 0.00	94.63 -1.91 0.00	77.85 -1.17 0.00	120.71 -0.80 0.00	121.78 -1.80 0.00	94.08 -1.71 0.00	86.94 -2.49 0.00	86.51 -3.00 0.00	67.10 -2.19 0.00	58.14 -2.14 0.00	61.83 -1.34 0.00	64.45 -0.95 0.00	67.90 -1.40 0.00	65.52 -1.42 0.00	57.93 -0.86 0.00	53.36 -0.44 0.00	52.12 0.28 0.00
SENECA___ENERGY 23797	37.13 -0.45 0.00	38.42 -0.46 0.00	36.96 -0.51 0.00	38.87 -0.52 0.00	33.92 -0.30 0.00	34.89 -0.24 0.00	44.64 -0.33 0.00	97.56 -0.59 0.00	96.14 -0.40 0.00	78.86 -0.16 0.00	121.63 0.12 0.00	123.46 -0.12 0.00	95.59 -0.20 0.00	88.81 -0.62 0.00	88.92 -0.60 0.00	68.88 -0.41 0.00	59.94 -0.34 0.00	63.16 -0.01 0.00	65.49 0.08 0.00	69.07 -0.23 0.00	66.62 -0.32 0.00	58.58 -0.21 0.00	53.56 -0.24 0.00	51.76 -0.08 0.00
SHOEMAKER___GT 23640	38.35 0.78 0.00	39.69 0.81 0.00	38.24 0.77 0.00	40.16 0.76 0.00	34.98 0.76 0.00	36.01 0.89 0.00	46.28 1.31 0.00	101.14 3.00 0.00	98.85 2.31 0.00	80.72 1.70 0.00	124.31 2.80 0.00	126.53 2.95 0.00	98.11 2.32 0.00	91.47 2.04 0.00	91.72 2.21 0.00	71.08 1.79 0.00	62.08 1.80 0.00	65.02 1.85 0.00	67.30 1.89 0.00	71.35 2.05 0.00	68.94 2.00 0.00	60.65 1.86 0.00	55.43 1.63 0.00	53.33 1.50 0.00
SHOEMAKR_138KV_BK 111 55601	38.33 0.75 0.00	39.65 0.77 0.00	38.23 0.76 0.00	40.15 0.76 0.00	34.96 0.75 0.00	35.99 0.87 0.00	46.26 1.29 0.00	101.09 2.96 0.00	98.80 2.26 0.00	80.70 1.68 0.00	124.28 2.77 0.00	126.44 2.85 0.00	98.05 2.26 0.00	91.37 1.94 0.00	91.64 2.13 0.00	71.02 1.73 0.00	62.03 1.75 0.00	64.98 1.80 0.00	67.24 1.83 0.00	71.28 1.99 0.00	68.88 1.93 0.00	60.61 1.81 0.00	55.39 1.58 0.00	53.30 1.46 0.00
SHOREHAM_IC_1 23715	38.90 1.33 0.00	40.41 1.53 0.00	38.98 1.50 0.00	40.97 1.58 0.00	35.82 1.60 0.00	36.77 1.64 0.00	56.61 2.31 -9.33	129.75 5.74 -25.86	125.09 3.65 -24.90	100.29 3.05 -18.22	145.35 5.09 -18.75	154.62 5.56 -25.47	119.09 4.69 -18.61	108.30 4.25 -14.63	111.92 4.79 -17.62	89.88 3.37 -17.22	78.26 2.73 -15.24	77.38 2.17 -12.03	77.47 2.02 -10.05	107.89 2.75 -35.85	79.76 2.42 -10.39	69.52 2.43 -8.30	57.75 2.28 -1.66	54.60 1.84 -0.93
SHOREHAM_IC_2 23716	38.90 1.33 0.00	40.41 1.53 0.00	38.98 1.50 0.00	40.97 1.58 0.00	35.82 1.60 0.00	36.77 1.64 0.00	56.61 2.32 -9.33	129.75 5.75 -25.86	125.09 3.65 -24.90	100.31 3.06 -18.22	145.35 5.10 -18.75	154.61 5.56 -25.47	119.09 4.69 -18.61	108.29 4.24 -14.63	111.92 4.79 -17.62	89.88 3.37 -17.22	78.26 2.73 -15.24	77.38 2.18 -12.03	77.47 2.02 -10.05	107.88 2.74 -35.85	79.75 2.42 -10.39	69.51 2.42 -8.30	57.75 2.28 -1.66	54.60 1.84 -0.93
SISSONVILLE____ 23735	39.20 1.62 0.00	40.47 1.59 0.00	39.02 1.54 0.00	41.02 1.63 0.00	35.37 1.15 0.00	36.35 1.23 0.00	46.56 1.60 0.00	101.86 3.72 0.00	100.82 4.28 0.00	82.79 3.77 0.00	126.60 5.09 0.00	128.76 5.18 0.00	99.57 3.78 0.00	92.92 3.50 0.00	92.52 3.01 0.00	71.18 1.89 0.00	61.70 1.42 0.00	64.55 1.37 0.00	66.96 1.56 0.00	71.28 1.98 0.00	69.61 2.66 0.00	61.06 2.27 0.00	55.82 2.02 0.00	53.84 2.00 0.00
SITHE_IND_GS1 24169	36.09 -1.48 0.00	37.37 -1.52 0.00	36.02 -1.45 0.00	37.86 -1.54 0.00	32.98 -1.23 0.00	33.82 -1.30 0.00	43.27 -1.70 0.00	94.41 -3.73 0.00	92.89 -3.65 0.00	76.09 -2.93 0.00	117.15 -4.36 0.00	119.05 -4.53 0.00	92.25 -3.54 0.00	86.00 -3.43 0.00	86.07 -3.44 0.00	66.64 -2.65 0.00	57.99 -2.29 0.00	60.85 -2.32 0.00	63.03 -2.37 0.00	66.70 -2.60 0.00	64.41 -2.54 0.00	56.60 -2.20 0.00	51.80 -2.00 0.00	49.95 -1.89 0.00
SITHE_IND_GS2 24170	36.09 -1.48 0.00	37.37 -1.52 0.00	36.02 -1.45 0.00	37.86 -1.54 0.00	32.98 -1.23 0.00	33.82 -1.30 0.00	43.27 -1.70 0.00	94.41 -3.73 0.00	92.89 -3.65 0.00	76.09 -2.93 0.00	117.15 -4.36 0.00	119.05 -4.53 0.00	92.25 -3.54 0.00	86.00 -3.43 0.00	86.07 -3.44 0.00	66.64 -2.65 0.00	57.99 -2.29 0.00	60.85 -2.32 0.00	63.03 -2.37 0.00	66.70 -2.60 0.00	64.41 -2.54 0.00	56.60 -2.20 0.00	51.80 -2.00 0.00	49.95 -1.89 0.00
SITHE_IND_GS3 24171	36.09 -1.48 0.00	37.37 -1.52 0.00	36.02 -1.45 0.00	37.86 -1.54 0.00	32.98 -1.23 0.00	33.82 -1.30 0.00	43.27 -1.70 0.00	94.41 -3.73 0.00	92.89 -3.65 0.00	76.09 -2.93 0.00	117.15 -4.36 0.00	119.05 -4.53 0.00	92.25 -3.54 0.00	86.00 -3.43 0.00	86.07 -3.44 0.00	66.64 -2.65 0.00	57.99 -2.29 0.00	60.85 -2.32 0.00	63.03 -2.37 0.00	66.70 -2.60 0.00	64.41 -2.54 0.00	56.60 -2.20 0.00	51.80 -2.00 0.00	49.95 -1.89 0.00
SITHE_IND_GS4 24172	36.09 -1.48 0.00	37.37 -1.52 0.00	36.02 -1.45 0.00	37.86 -1.54 0.00	32.98 -1.23 0.00	33.82 -1.30 0.00	43.27 -1.70 0.00	94.41 -3.73 0.00	92.89 -3.65 0.00	76.09 -2.93 0.00	117.15 -4.36 0.00	119.05 -4.53 0.00	92.25 -3.54 0.00	86.00 -3.43 0.00	86.07 -3.44 0.00	66.64 -2.65 0.00	57.99 -2.29 0.00	60.85 -2.32 0.00	63.03 -2.37 0.00	66.70 -2.60 0.00	64.41 -2.54 0.00	56.60 -2.20 0.00	51.80 -2.00 0.00	49.95 -1.89 0.00

SITHE___BATAVIA 24024	37.85 0.27 0.00	39.13 0.25 0.00	37.72 0.24 0.00	39.75 0.36 0.00	34.50 0.29 0.00	35.41 0.28 0.00	44.75 -0.21 0.00	97.75 -0.39 0.00	97.02 0.48 0.00	79.98 0.96 0.00	123.63 2.12 0.00	124.89 1.31 0.00	96.57 0.78 0.00	89.33 -0.09 0.00	88.99 -0.52 0.00	68.95 -0.33 0.00	59.82 -0.46 0.00	63.64 0.47 0.00	66.19 0.78 0.00	69.67 0.37 0.00	67.22 0.27 0.00	59.32 0.52 0.00	54.60 0.79 0.00	53.25 1.41 0.00
SITHE___INDEPEND 23800	36.10 -1.48 0.00	37.37 -1.52 0.00	36.02 -1.45 0.00	37.86 -1.54 0.00	32.98 -1.23 0.00	33.82 -1.30 0.00	43.27 -1.70 0.00	94.41 -3.73 0.00	92.89 -3.65 0.00	76.09 -2.93 0.00	117.15 -4.37 0.00	119.05 -4.53 0.00	92.24 -3.55 0.00	86.00 -3.43 0.00	86.07 -3.44 0.00	66.64 -2.65 0.00	57.99 -2.29 0.00	60.85 -2.32 0.00	63.03 -2.37 0.00	66.70 -2.60 0.00	64.41 -2.54 0.00	56.60 -2.20 0.00	51.80 -2.00 0.00	49.95 -1.89 0.00
SITHE___MASSENA 23902	38.91 1.34 0.00	40.18 1.30 0.00	38.73 1.26 0.00	40.72 1.33 0.00	35.17 0.96 0.00	36.15 1.02 0.00	46.21 1.24 0.00	100.92 2.78 0.00	99.80 3.26 0.00	81.94 2.92 0.00	125.34 3.84 0.00	127.55 3.96 0.00	98.76 2.97 0.00	92.21 2.79 0.00	92.05 2.54 0.00	71.17 1.88 0.00	61.85 1.56 0.00	64.84 1.67 0.00	67.26 1.85 0.00	71.37 2.07 0.00	69.09 2.15 0.00	60.58 1.79 0.00	55.45 1.65 0.00	53.51 1.67 0.00
SITHE___OGDNSBRG 24021	39.73 2.16 0.00	41.01 2.12 0.00	39.55 2.07 0.00	41.59 2.19 0.00	35.90 1.68 0.00	36.91 1.78 0.00	47.29 2.32 0.00	103.42 5.28 0.00	102.41 5.87 0.00	84.08 5.06 0.00	128.66 7.16 0.00	130.82 7.24 0.00	101.20 5.41 0.00	94.46 5.03 0.00	94.24 4.73 0.00	72.77 3.49 0.00	63.17 2.89 0.00	66.33 3.15 0.00	68.83 3.42 0.00	73.08 3.78 0.00	70.89 3.95 0.00	62.15 3.36 0.00	56.76 2.95 0.00	54.74 2.90 0.00
SITHE___STERLING 23777	38.25 0.68 0.00	39.69 0.82 0.00	38.31 0.83 0.00	40.29 0.89 0.00	35.08 0.87 0.00	36.11 0.98 0.00	46.46 1.49 0.00	101.55 3.41 0.00	99.95 3.41 0.00	81.81 2.79 0.00	126.08 4.56 0.00	128.06 4.47 0.00	99.16 3.38 0.00	92.45 3.03 0.00	92.62 3.11 0.00	71.80 2.51 0.00	62.57 2.29 0.00	65.40 2.23 0.00	67.67 2.27 0.00	71.55 2.26 0.00	69.01 2.06 0.00	60.57 1.77 0.00	55.30 1.50 0.00	53.20 1.37 0.00
SLEIGHT__34_KV_TB1 80719	36.87 -0.70 0.00	38.14 -0.74 0.00	36.71 -0.76 0.00	38.63 -0.76 0.00	33.66 -0.55 0.00	34.64 -0.49 0.00	44.23 -0.74 0.00	96.66 -1.48 0.00	95.43 -1.11 0.00	78.36 -0.66 0.00	120.96 -0.55 0.00	122.61 -0.97 0.00	94.95 -0.84 0.00	88.13 -1.29 0.00	88.09 -1.42 0.00	68.24 -1.05 0.00	59.35 -0.94 0.00	62.73 -0.45 0.00	65.07 -0.34 0.00	68.59 -0.71 0.00	66.15 -0.79 0.00	58.16 -0.64 0.00	53.26 -0.54 0.00	51.53 -0.30 0.00
SMITHTWN_69_KV_BK 1 55830	38.89 1.32 0.00	40.34 1.46 0.00	38.87 1.40 0.00	40.85 1.46 0.00	35.66 1.44 0.00	36.59 1.46 0.00	52.79 2.11 -5.71	119.23 5.25 -15.84	115.54 3.75 -15.25	93.28 3.10 -11.16	138.18 5.19 -11.48	145.82 5.70 -16.54	113.76 4.28 -13.68	103.91 3.87 -10.61	106.77 4.32 -12.94	82.99 2.97 -10.73	72.38 2.45 -9.65	71.87 2.08 -6.62	72.23 2.09 -4.73	100.34 2.80 -28.25	74.38 2.55 -4.89	65.23 2.53 -3.91	56.97 2.39 -0.78	54.24 1.96 -0.44
SOUTH CAIRO___GT 23612	38.75 1.18 0.00	40.10 1.22 0.00	38.64 1.17 0.00	40.60 1.21 0.00	35.39 1.17 0.00	36.33 1.20 0.00	46.59 1.62 0.00	101.74 3.60 0.00	99.90 3.36 0.00	81.57 2.55 0.00	125.41 3.90 0.00	127.68 4.10 0.00	99.37 3.58 0.00	93.10 3.68 0.00	93.46 3.96 0.00	72.39 3.10 0.00	62.95 2.67 0.00	65.97 2.80 0.00	68.15 2.74 0.00	71.97 2.67 0.00	69.49 2.54 0.00	61.04 2.25 0.00	55.72 1.92 0.00	53.53 1.69 0.00
SOUTH HAMPTN___IC 23720	38.97 1.40 0.00	40.69 1.81 0.00	39.33 1.86 0.00	41.41 2.02 0.00	36.22 2.01 0.00	37.24 2.11 0.00	57.64 2.94 -9.73	132.29 7.18 -26.97	127.73 5.23 -25.97	102.43 4.41 -19.00	148.23 7.17 -19.55	157.63 7.60 -26.46	121.11 6.18 -19.15	109.86 5.36 -15.07	113.79 6.15 -18.13	91.61 4.38 -17.94	79.58 3.44 -15.86	78.25 2.46 -12.62	77.93 1.90 -10.62	108.61 2.66 -36.65	80.20 2.27 -10.98	69.81 2.24 -8.78	57.64 2.08 -1.76	54.42 1.61 -0.98
SOUTHDOWN_115KV_TB1 355954	38.01 0.44 0.00	39.31 0.43 0.00	37.97 0.49 0.00	39.96 0.57 0.00	34.63 0.42 0.00	35.76 0.63 0.00	45.46 0.49 0.00	99.62 1.48 0.00	98.40 1.86 0.00	80.60 1.58 0.00	125.38 3.88 0.00	126.34 2.76 0.00	97.51 1.72 0.00	90.37 0.95 0.00	89.78 0.28 0.00	69.66 0.38 0.00	60.33 0.04 0.00	64.29 1.12 0.00	67.11 1.70 0.00	70.60 1.31 0.00	67.84 0.90 0.00	59.80 1.01 0.00	54.87 1.06 0.00	53.35 1.51 0.00
SOUTHOLD_69_KV_BK 2 55809	38.85 1.28 0.00	40.82 1.93 0.00	39.56 2.09 0.00	41.75 2.36 0.00	36.55 2.34 0.00	37.61 2.48 0.00	58.14 3.45 -9.72	133.48 8.39 -26.95	128.95 6.46 -25.95	103.46 5.45 -18.99	149.85 8.80 -19.54	159.18 9.16 -26.44	122.20 7.27 -19.14	110.61 6.13 -15.06	114.82 7.18 -18.12	92.35 5.14 -17.93	80.00 3.87 -15.85	78.10 2.32 -12.61	77.25 1.23 -10.61	107.99 2.06 -36.64	79.51 1.59 -10.98	69.14 1.58 -8.77	56.99 1.43 -1.76	53.79 0.98 -0.98
SOUTHOLD___IC 23719	38.85 1.28 0.00	40.81 1.93 0.00	39.56 2.09 0.00	41.74 2.35 0.00	36.55 2.33 0.00	37.61 2.48 0.00	58.14 3.45 -9.72	133.48 8.39 -26.95	128.95 6.46 -25.95	103.45 5.44 -18.99	149.84 8.80 -19.54	159.16 9.14 -26.44	122.20 7.27 -19.14	110.62 6.14 -15.06	114.82 7.18 -18.12	92.35 5.13 -17.93	80.00 3.87 -15.85	78.09 2.30 -12.61	77.24 1.22 -10.61	108.01 2.08 -36.64	79.51 1.59 -10.98	69.16 1.59 -8.77	56.99 1.43 -1.76	53.79 0.97 -0.98
SOUTH_FORK_WT_PWR 323839	38.53 0.95 0.00	40.69 1.81 0.00	39.55 2.07 0.00	41.81 2.41 0.00	36.64 2.42 0.00	37.72 2.59 0.00	58.28 3.58 -9.72	133.78 8.68 -26.96	129.24 6.74 -25.96	103.71 5.70 -18.99	150.18 9.12 -19.54	159.44 9.40 -26.45	122.35 7.41 -19.14	110.60 6.11 -15.06	115.05 7.41 -18.13	92.46 5.24 -17.93	79.85 3.71 -15.85	77.40 1.61 -12.62	76.03 0.01 -10.62	106.86 0.92 -36.64	78.36 0.44 -10.98	68.13 0.55 -8.78	56.03 0.47 -1.76	52.87 0.05 -0.98
SPIERFLS_115KV_TB 1 80737	39.59 2.02 0.00	40.89 2.02 0.00	39.38 1.91 0.00	41.23 1.83 0.00	35.72 1.51 0.00	36.49 1.36 0.00	46.82 1.85 0.00	101.67 3.53 0.00	99.78 3.24 0.00	81.52 2.50 0.00	125.63 4.12 0.00	128.35 4.77 0.00	99.29 3.50 0.00	92.81 3.38 0.00	93.18 3.67 0.00	71.92 2.64 0.00	62.13 1.85 0.00	65.16 1.99 0.00	67.26 1.86 0.00	71.11 1.82 0.00	68.63 1.69 0.00	60.48 1.69 0.00	55.53 1.72 0.00	53.25 1.41 0.00
ST LAWRENCE____ 23600	38.21 0.64 0.00	39.47 0.58 0.00	38.04 0.56 0.00	39.99 0.59 0.00	34.57 0.35 0.00	35.51 0.38 0.00	45.38 0.41 0.00	99.07 0.93 0.00	97.87 1.33 0.00	80.28 1.26 0.00	122.99 1.48 0.00	125.12 1.54 0.00	96.96 1.18 0.00	90.55 1.13 0.00	90.47 0.96 0.00	70.00 0.71 0.00	60.87 0.59 0.00	63.83 0.65 0.00	66.17 0.77 0.00	70.18 0.89 0.00	67.81 0.86 0.00	59.47 0.67 0.00	54.43 0.63 0.00	52.55 0.72 0.00

STATE_CA_115KV_115_LB 55624	37.98 0.41 0.00	39.30 0.42 0.00	37.90 0.42 0.00	39.79 0.39 0.00	34.68 0.46 0.00	35.58 0.46 0.00	45.52 0.55 0.00	99.09 0.95 0.00	97.19 0.66 0.00	79.41 0.38 0.00	122.21 0.70 0.00	124.42 0.84 0.00	96.57 0.78 0.00	90.23 0.81 0.00	90.53 1.03 0.00	69.97 0.68 0.00	60.73 0.45 0.00	63.52 0.34 0.00	65.63 0.22 0.00	69.48 0.18 0.00	67.13 0.18 0.00	59.04 0.24 0.00	54.02 0.22 0.00	51.99 0.15 0.00
STATE_ST_34_KV_LOAD 55959	37.41 -0.16 0.00	38.72 -0.16 0.00	37.18 -0.30 0.00	39.05 -0.34 0.00	34.18 -0.04 0.00	35.13 0.00 0.00	45.01 0.04 0.00	98.34 0.20 0.00	96.76 0.22 0.00	79.24 0.22 0.00	122.10 0.59 0.00	124.03 0.45 0.00	96.07 0.28 0.00	89.17 -0.25 0.00	89.42 -0.08 0.00	69.30 0.02 0.00	60.34 0.06 0.00	63.52 0.34 0.00	65.81 0.40 0.00	69.31 0.02 0.00	66.90 -0.04 0.00	58.91 0.12 0.00	53.77 -0.03 0.00	51.94 0.11 0.00
STATION_5_MISC_HYD 23604	37.21 -0.36 0.00	38.48 -0.40 0.00	37.08 -0.39 0.00	39.05 -0.34 0.00	33.92 -0.29 0.00	34.87 -0.25 0.00	44.31 -0.66 0.00	97.07 -1.07 0.00	96.04 -0.50 0.00	78.94 -0.08 0.00	121.98 0.47 0.00	123.51 -0.07 0.00	95.57 -0.22 0.00	88.62 -0.81 0.00	88.41 -1.10 0.00	68.47 -0.82 0.00	59.49 -0.78 0.00	63.03 -0.15 0.00	65.46 0.06 0.00	69.02 -0.27 0.00	66.61 -0.34 0.00	58.66 -0.13 0.00	53.86 0.06 0.00	52.27 0.44 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.10 -0.47 0.00	38.37 -0.51 0.00	36.97 -0.50 0.00	38.90 -0.49 0.00	33.87 -0.35 0.00	34.84 -0.28 0.00	44.47 -0.49 0.00	97.19 -0.95 0.00	95.97 -0.56 0.00	78.77 -0.25 0.00	121.57 0.06 0.00	123.32 -0.26 0.00	95.44 -0.36 0.00	88.66 -0.76 0.00	88.54 -0.96 0.00	68.59 -0.70 0.00	59.68 -0.61 0.00	63.04 -0.13 0.00	65.39 -0.01 0.00	68.98 -0.32 0.00	66.55 -0.40 0.00	58.53 -0.27 0.00	53.62 -0.19 0.00	51.88 0.04 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.94 -0.63 0.00	38.21 -0.66 0.00	36.83 -0.65 0.00	38.78 -0.61 0.00	33.69 -0.53 0.00	34.64 -0.49 0.00	44.03 -0.94 0.00	96.25 -1.89 0.00	95.17 -1.37 0.00	78.23 -0.79 0.00	120.83 -0.68 0.00	122.40 -1.19 0.00	94.71 -1.08 0.00	87.89 -1.54 0.00	87.67 -1.84 0.00	67.90 -1.39 0.00	59.01 -1.27 0.00	62.46 -0.71 0.00	64.86 -0.55 0.00	68.40 -0.90 0.00	66.01 -0.93 0.00	58.14 -0.66 0.00	53.36 -0.45 0.00	51.76 -0.07 0.00
STA_56___34_KV_BUS2 355983	36.94 -0.63 0.00	38.21 -0.66 0.00	36.83 -0.65 0.00	38.78 -0.61 0.00	33.69 -0.53 0.00	34.64 -0.49 0.00	44.03 -0.94 0.00	96.25 -1.89 0.00	95.17 -1.37 0.00	78.23 -0.79 0.00	120.83 -0.68 0.00	122.40 -1.19 0.00	94.71 -1.08 0.00	87.89 -1.54 0.00	87.67 -1.84 0.00	67.90 -1.39 0.00	59.01 -1.27 0.00	62.46 -0.71 0.00	64.86 -0.55 0.00	68.40 -0.90 0.00	66.01 -0.93 0.00	58.14 -0.66 0.00	53.36 -0.45 0.00	51.76 -0.07 0.00
STA_67___115KV_BK2 355882	37.13 -0.44 0.00	38.41 -0.47 0.00	37.01 -0.46 0.00	38.97 -0.42 0.00	33.85 -0.36 0.00	34.80 -0.33 0.00	44.21 -0.76 0.00	96.84 -1.30 0.00	95.83 -0.71 0.00	78.79 -0.24 0.00	121.70 0.19 0.00	123.24 -0.34 0.00	95.33 -0.46 0.00	88.44 -0.99 0.00	88.19 -1.32 0.00	68.31 -0.98 0.00	59.36 -0.93 0.00	62.88 -0.29 0.00	65.29 -0.11 0.00	68.85 -0.44 0.00	66.44 -0.50 0.00	58.53 -0.26 0.00	53.75 -0.05 0.00	52.17 0.33 0.00
STA_7___115KV_9TRANS 80674	37.36 -0.21 0.00	38.64 -0.24 0.00	37.22 -0.25 0.00	39.18 -0.21 0.00	34.05 -0.16 0.00	35.01 -0.11 0.00	44.53 -0.44 0.00	97.53 -0.61 0.00	96.52 -0.02 0.00	79.34 0.32 0.00	122.61 1.10 0.00	124.15 0.57 0.00	96.06 0.27 0.00	89.13 -0.30 0.00	88.88 -0.63 0.00	68.84 -0.45 0.00	59.86 -0.43 0.00	63.41 0.24 0.00	65.86 0.46 0.00	69.43 0.14 0.00	66.98 0.04 0.00	58.99 0.19 0.00	54.12 0.32 0.00	52.49 0.65 0.00
STA_82___115KV_TB1 80780	37.16 -0.42 0.00	38.43 -0.44 0.00	37.04 -0.44 0.00	38.99 -0.40 0.00	33.88 -0.34 0.00	34.82 -0.30 0.00	44.24 -0.73 0.00	96.76 -1.38 0.00	95.74 -0.80 0.00	78.71 -0.31 0.00	121.60 0.09 0.00	123.13 -0.45 0.00	95.24 -0.55 0.00	88.35 -1.08 0.00	88.10 -1.41 0.00	68.24 -1.05 0.00	59.30 -0.98 0.00	62.82 -0.35 0.00	65.23 -0.18 0.00	68.78 -0.51 0.00	66.38 -0.57 0.00	58.49 -0.31 0.00	53.71 -0.10 0.00	52.12 0.29 0.00
STEEL___WIND 323596	37.08 -0.49 0.00	38.38 -0.50 0.00	37.00 -0.47 0.00	38.97 -0.42 0.00	33.76 -0.46 0.00	34.68 -0.44 0.00	43.72 -1.25 0.00	95.39 -2.75 0.00	94.53 -2.01 0.00	77.76 -1.26 0.00	120.58 -0.94 0.00	121.63 -1.95 0.00	93.97 -1.82 0.00	86.85 -2.58 0.00	86.39 -3.12 0.00	66.99 -2.29 0.00	58.06 -2.22 0.00	61.73 -1.44 0.00	64.34 -1.06 0.00	67.82 -1.48 0.00	65.45 -1.50 0.00	57.86 -0.93 0.00	53.30 -0.50 0.00	52.05 0.21 0.00
STEPHTWN_115KV_BK_2 55603	38.15 0.58 0.00	39.51 0.62 0.00	38.06 0.58 0.00	39.95 0.55 0.00	34.82 0.60 0.00	35.76 0.63 0.00	45.88 0.91 0.00	99.71 1.57 0.00	97.79 1.25 0.00	79.92 0.90 0.00	123.04 1.53 0.00	125.20 1.62 0.00	97.18 1.38 0.00	90.77 1.35 0.00	91.06 1.55 0.00	70.38 1.09 0.00	61.19 0.91 0.00	64.07 0.90 0.00	66.15 0.75 0.00	70.18 0.88 0.00	67.78 0.84 0.00	59.59 0.80 0.00	54.29 0.48 0.00	52.39 0.55 0.00
STEUBEN_REC_LFGE 323667	37.60 0.03 0.00	38.91 0.03 0.00	37.51 0.04 0.00	39.40 0.01 0.00	34.13 -0.08 0.00	35.30 0.17 0.00	44.93 -0.04 0.00	98.17 0.04 0.00	97.08 0.54 0.00	79.39 0.37 0.00	122.99 1.48 0.00	123.83 0.25 0.00	95.59 -0.20 0.00	88.32 -1.11 0.00	87.45 -2.06 0.00	67.93 -1.36 0.00	59.11 -1.18 0.00	62.80 -0.37 0.00	65.37 -0.03 0.00	69.00 -0.29 0.00	66.35 -0.60 0.00	58.59 -0.20 0.00	53.75 -0.06 0.00	52.36 0.52 0.00
STILLWATER___SOLAR 323814	38.98 1.40 0.00	40.31 1.43 0.00	38.83 1.36 0.00	40.75 1.36 0.00	35.43 1.21 0.00	36.30 1.17 0.00	46.60 1.63 0.00	101.38 3.23 0.00	99.42 2.87 0.00	81.20 2.18 0.00	125.06 3.55 0.00	127.52 3.93 0.00	98.83 3.04 0.00	92.36 2.93 0.00	92.67 3.16 0.00	71.54 2.26 0.00	62.02 1.73 0.00	64.96 1.79 0.00	67.11 1.71 0.00	70.99 1.70 0.00	68.52 1.57 0.00	60.30 1.51 0.00	55.25 1.44 0.00	53.11 1.27 0.00
STONY___BROOK 24151	38.85 1.28 0.00	40.29 1.41 0.00	38.83 1.36 0.00	40.81 1.42 0.00	35.62 1.41 0.00	36.56 1.43 0.00	54.75 2.08 -7.71	124.70 5.20 -21.37	120.77 3.66 -20.57	97.11 3.03 -15.05	142.09 5.08 -15.49	150.57 5.51 -21.47	116.33 4.13 -16.41	105.98 3.72 -12.83	109.21 4.17 -15.53	86.40 2.80 -14.32	75.22 2.20 -12.74	74.53 1.75 -9.61	74.83 1.75 -7.67	104.28 2.51 -32.48	77.14 2.27 -7.94	67.46 2.33 -6.34	57.30 2.22 -1.27	54.34 1.80 -0.71
STURGEON_POOL_HYD 23609	38.41 0.84 0.00	39.75 0.87 0.00	38.31 0.83 0.00	40.24 0.85 0.00	35.06 0.85 0.00	36.09 0.97 0.00	46.41 1.44 0.00	101.45 3.31 0.00	99.14 2.60 0.00	80.99 1.97 0.00	124.75 3.24 0.00	126.88 3.30 0.00	98.44 2.66 0.00	91.74 2.32 0.00	91.98 2.47 0.00	71.31 2.02 0.00	62.32 2.04 0.00	65.22 2.04 0.00	67.46 2.05 0.00	71.56 2.26 0.00	69.16 2.21 0.00	60.85 2.06 0.00	55.60 1.80 0.00	53.48 1.64 0.00

ST_LAW_115_BK7_LBMP 345037	38.28 0.71 0.00	39.54 0.65 0.00	38.10 0.62 0.00	40.05 0.66 0.00	34.61 0.39 0.00	35.56 0.44 0.00	45.44 0.47 0.00	99.21 1.07 0.00	98.05 1.51 0.00	80.43 1.41 0.00	123.19 1.68 0.00	125.31 1.73 0.00	97.12 1.32 0.00	90.72 1.29 0.00	90.62 1.11 0.00	70.11 0.82 0.00	60.95 0.67 0.00	63.91 0.74 0.00	66.24 0.84 0.00	70.27 0.97 0.00	67.94 0.99 0.00	59.57 0.78 0.00	54.53 0.73 0.00	52.63 0.79 0.00
ST_LAW_115_BK8_LBMP 345038	38.28 0.71 0.00	39.54 0.65 0.00	38.10 0.62 0.00	40.05 0.66 0.00	34.61 0.39 0.00	35.56 0.44 0.00	45.44 0.47 0.00	99.21 1.07 0.00	98.05 1.51 0.00	80.43 1.41 0.00	123.19 1.68 0.00	125.31 1.73 0.00	97.12 1.32 0.00	90.72 1.29 0.00	90.62 1.11 0.00	70.11 0.82 0.00	60.95 0.67 0.00	63.91 0.74 0.00	66.24 0.84 0.00	70.27 0.97 0.00	67.94 0.99 0.00	59.57 0.78 0.00	54.53 0.73 0.00	52.63 0.79 0.00
ST_LAW_230_BK5_LBMP 345035	38.21 0.64 0.00	39.47 0.58 0.00	38.04 0.56 0.00	39.99 0.59 0.00	34.57 0.35 0.00	35.51 0.38 0.00	45.38 0.41 0.00	99.07 0.93 0.00	97.87 1.33 0.00	80.28 1.26 0.00	122.99 1.48 0.00	125.12 1.54 0.00	96.96 1.18 0.00	90.55 1.13 0.00	90.47 0.96 0.00	70.00 0.71 0.00	60.87 0.59 0.00	63.83 0.65 0.00	66.17 0.77 0.00	70.18 0.89 0.00	67.81 0.86 0.00	59.47 0.67 0.00	54.43 0.63 0.00	52.55 0.72 0.00
ST_LAW_230_BK6_LBMP 345036	38.21 0.64 0.00	39.47 0.58 0.00	38.04 0.56 0.00	39.99 0.59 0.00	34.57 0.35 0.00	35.51 0.38 0.00	45.38 0.41 0.00	99.07 0.93 0.00	97.87 1.33 0.00	80.28 1.26 0.00	122.99 1.48 0.00	125.12 1.54 0.00	96.96 1.18 0.00	90.55 1.13 0.00	90.47 0.96 0.00	70.00 0.71 0.00	60.87 0.59 0.00	63.83 0.65 0.00	66.17 0.77 0.00	70.18 0.89 0.00	67.81 0.86 0.00	59.47 0.67 0.00	54.43 0.63 0.00	52.55 0.72 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.37 0.80 0.00	39.69 0.81 0.00	38.27 0.80 0.00	40.19 0.79 0.00	35.00 0.78 0.00	36.06 0.93 0.00	46.35 1.39 0.00	101.35 3.22 0.00	98.96 2.42 0.00	80.80 1.78 0.00	124.53 3.02 0.00	126.64 3.06 0.00	98.22 2.43 0.00	91.52 2.09 0.00	91.77 2.26 0.00	71.12 1.83 0.00	62.17 1.89 0.00	65.13 1.96 0.00	67.39 1.98 0.00	71.45 2.15 0.00	69.01 2.07 0.00	60.74 1.94 0.00	55.49 1.69 0.00	53.39 1.55 0.00
SWANROAD_115KV_TB1 355699	36.63 -0.94 0.00	37.89 -0.99 0.00	36.53 -0.94 0.00	38.52 -0.88 0.00	33.34 -0.87 0.00	34.05 -1.08 0.00	42.52 -2.44 0.00	92.38 -5.76 0.00	91.70 -4.84 0.00	75.69 -3.34 0.00	116.97 -4.54 0.00	118.12 -5.47 0.00	91.34 -4.45 0.00	84.41 -5.01 0.00	83.98 -5.53 0.00	65.15 -4.14 0.00	56.33 -3.95 0.00	59.92 -3.25 0.00	62.42 -2.99 0.00	65.73 -3.56 0.00	63.60 -3.34 0.00	56.37 -2.43 0.00	52.18 -1.63 0.00	51.16 -0.68 0.00
SYNERGY___BIOGAS 323694	37.85 0.27 0.00	39.13 0.25 0.00	37.72 0.24 0.00	39.75 0.36 0.00	34.50 0.29 0.00	35.41 0.28 0.00	44.75 -0.21 0.00	97.75 -0.39 0.00	97.02 0.49 0.00	79.98 0.96 0.00	123.62 2.11 0.00	124.91 1.33 0.00	96.58 0.79 0.00	89.39 -0.04 0.00	88.99 -0.52 0.00	68.95 -0.33 0.00	59.83 -0.46 0.00	63.65 0.47 0.00	66.19 0.79 0.00	69.68 0.39 0.00	67.22 0.28 0.00	59.32 0.53 0.00	54.61 0.80 0.00	53.25 1.41 0.00
SYRACUSE___ENERGY_ST1 323597	36.99 -0.58 0.00	38.29 -0.59 0.00	36.88 -0.59 0.00	38.77 -0.62 0.00	33.80 -0.41 0.00	34.71 -0.41 0.00	44.49 -0.48 0.00	97.14 -1.00 0.00	95.58 -0.96 0.00	78.25 -0.77 0.00	120.56 -0.95 0.00	122.48 -1.11 0.00	94.91 -0.88 0.00	88.41 -1.02 0.00	88.49 -1.02 0.00	68.56 -0.73 0.00	59.67 -0.62 0.00	62.71 -0.47 0.00	64.94 -0.47 0.00	68.66 -0.64 0.00	66.26 -0.69 0.00	58.23 -0.57 0.00	53.25 -0.56 0.00	51.31 -0.53 0.00
SYRACUSE___ENERGY_ST2 323598	36.99 -0.58 0.00	38.29 -0.59 0.00	36.88 -0.59 0.00	38.77 -0.62 0.00	33.80 -0.41 0.00	34.71 -0.41 0.00	44.49 -0.48 0.00	97.14 -1.00 0.00	95.58 -0.96 0.00	78.25 -0.77 0.00	120.56 -0.95 0.00	122.48 -1.11 0.00	94.91 -0.88 0.00	88.41 -1.02 0.00	88.49 -1.02 0.00	68.56 -0.73 0.00	59.67 -0.62 0.00	62.71 -0.47 0.00	64.94 -0.47 0.00	68.66 -0.64 0.00	66.26 -0.69 0.00	58.23 -0.57 0.00	53.25 -0.56 0.00	51.31 -0.53 0.00
SYRACUSE___POWER 24017	37.01 -0.56 0.00	38.32 -0.56 0.00	36.92 -0.55 0.00	38.82 -0.57 0.00	33.83 -0.38 0.00	34.74 -0.38 0.00	44.53 -0.44 0.00	97.21 -0.93 0.00	95.66 -0.88 0.00	78.33 -0.69 0.00	120.70 -0.81 0.00	122.60 -0.98 0.00	95.01 -0.79 0.00	88.57 -0.85 0.00	88.61 -0.90 0.00	68.64 -0.65 0.00	59.75 -0.53 0.00	62.77 -0.40 0.00	65.01 -0.40 0.00	68.77 -0.52 0.00	66.37 -0.58 0.00	58.30 -0.50 0.00	53.31 -0.50 0.00	51.34 -0.49 0.00
TALLMAN_138KV_BK151 55660	38.42 0.84 0.00	39.73 0.85 0.00	38.30 0.83 0.00	40.21 0.81 0.00	35.01 0.79 0.00	36.12 1.00 0.00	46.54 1.57 0.00	101.80 3.66 0.00	99.27 2.74 0.00	81.02 2.00 0.00	124.79 3.28 0.00	126.78 3.20 0.00	98.33 2.54 0.00	91.62 2.19 0.00	91.86 2.35 0.00	71.19 1.91 0.00	62.29 2.01 0.00	65.26 2.09 0.00	67.54 2.14 0.00	71.61 2.32 0.00	69.15 2.20 0.00	60.87 2.08 0.00	55.59 1.79 0.00	53.49 1.65 0.00
TEALLAVE_115KV_TB7 355573	36.81 -0.76 0.00	38.11 -0.77 0.00	36.73 -0.75 0.00	38.61 -0.78 0.00	33.64 -0.57 0.00	34.53 -0.59 0.00	44.22 -0.75 0.00	96.52 -1.62 0.00	94.96 -1.58 0.00	77.77 -1.25 0.00	119.90 -1.61 0.00	121.80 -1.78 0.00	94.35 -1.44 0.00	87.95 -1.47 0.00	87.99 -1.52 0.00	68.17 -1.12 0.00	59.32 -0.96 0.00	62.28 -0.89 0.00	64.50 -0.90 0.00	68.23 -1.06 0.00	65.85 -1.09 0.00	57.84 -0.95 0.00	52.92 -0.88 0.00	50.99 -0.85 0.00
TELGRAPH_34_KV_EAST 80808	37.22 -0.36 0.00	38.49 -0.39 0.00	37.10 -0.38 0.00	39.10 -0.29 0.00	33.89 -0.33 0.00	34.70 -0.43 0.00	43.61 -1.35 0.00	95.05 -3.09 0.00	94.34 -2.20 0.00	77.79 -1.23 0.00	120.25 -1.26 0.00	121.50 -2.08 0.00	93.93 -1.86 0.00	86.84 -2.59 0.00	86.43 -3.08 0.00	66.99 -2.29 0.00	58.04 -2.24 0.00	61.74 -1.43 0.00	64.27 -1.14 0.00	67.67 -1.63 0.00	65.40 -1.54 0.00	57.83 -0.96 0.00	53.38 -0.43 0.00	52.18 0.34 0.00
TEMPLE___115KV_TB 2 55572	36.81 -0.76 0.00	38.11 -0.77 0.00	36.73 -0.75 0.00	38.61 -0.78 0.00	33.64 -0.57 0.00	34.53 -0.59 0.00	44.23 -0.74 0.00	96.54 -1.60 0.00	94.97 -1.57 0.00	77.78 -1.24 0.00	119.90 -1.61 0.00	121.80 -1.78 0.00	94.37 -1.42 0.00	87.96 -1.47 0.00	87.99 -1.52 0.00	68.18 -1.11 0.00	59.34 -0.95 0.00	62.29 -0.89 0.00	64.51 -0.90 0.00	68.25 -1.05 0.00	65.87 -1.08 0.00	57.87 -0.93 0.00	52.93 -0.87 0.00	51.00 -0.84 0.00
TIANA___69_KV_BK 1 55817	38.99 1.42 0.00	40.63 1.75 0.00	39.25 1.77 0.00	41.30 1.91 0.00	36.11 1.90 0.00	37.11 1.99 0.00	57.47 2.78 -9.72	131.89 6.80 -26.95	127.34 4.86 -25.95	102.10 4.09 -18.99	147.73 6.69 -19.54	157.14 7.12 -26.44	120.73 5.80 -19.14	109.58 5.09 -15.06	113.43 5.80 -18.12	91.35 4.14 -17.93	79.43 3.30 -15.85	78.28 2.50 -12.61	78.12 2.10 -10.61	108.80 2.86 -36.64	80.41 2.49 -10.98	69.99 2.42 -8.77	57.81 2.24 -1.76	54.61 1.79 -0.98

TILDEN___115KV_TB1 80814	37.01 -0.56 0.00	38.32 -0.56 0.00	36.92 -0.55 0.00	38.82 -0.57 0.00	33.83 -0.38 0.00	34.74 -0.38 0.00	44.53 -0.44 0.00	97.21 -0.93 0.00	95.66 -0.88 0.00	78.33 -0.69 0.00	120.70 -0.81 0.00	122.60 -0.98 0.00	95.01 -0.79 0.00	88.57 -0.85 0.00	88.61 -0.90 0.00	68.64 -0.65 0.00	59.75 -0.53 0.00	62.77 -0.40 0.00	65.01 -0.40 0.00	68.77 -0.52 0.00	66.37 -0.58 0.00	58.30 -0.50 0.00	53.31 -0.50 0.00	51.34 -0.49 0.00
TRIGEN___CC 323695	38.79 1.22 0.00	40.16 1.28 0.00	38.69 1.21 0.00	40.63 1.24 0.00	35.41 1.19 0.00	36.41 1.28 0.00	46.86 1.89 0.00	102.65 4.51 0.00	99.89 3.36 0.00	81.67 2.65 0.00	125.83 4.32 0.00	132.51 4.70 -4.24	109.75 3.64 -10.31	100.12 3.23 -7.46	102.69 3.47 -9.71	72.81 2.68 -0.84	64.27 2.57 -1.42	65.58 2.40 0.00	67.89 2.47 -0.01	109.84 2.87 -37.68	69.66 2.71 -0.01	61.36 2.57 0.00	56.15 2.34 0.00	53.85 2.02 0.00
TRINITY___115KV___4 BK 55933	37.83 0.26 0.00	39.15 0.27 0.00	37.75 0.27 0.00	39.64 0.24 0.00	34.54 0.32 0.00	35.42 0.30 0.00	45.31 0.34 0.00	98.58 0.45 0.00	96.70 0.16 0.00	78.97 -0.05 0.00	121.56 0.05 0.00	123.75 0.17 0.00	96.03 0.24 0.00	89.70 0.28 0.00	90.03 0.52 0.00	69.56 0.27 0.00	60.37 0.09 0.00	63.11 -0.07 0.00	65.21 -0.19 0.00	69.06 -0.24 0.00	66.76 -0.18 0.00	58.72 -0.07 0.00	53.75 -0.05 0.00	51.75 -0.09 0.00
UNION___PROCESSING_DRP 323587	37.16 -0.41 0.00	38.44 -0.43 0.00	37.04 -0.43 0.00	39.01 -0.38 0.00	33.88 -0.33 0.00	34.83 -0.30 0.00	44.25 -0.72 0.00	96.80 -1.34 0.00	95.74 -0.80 0.00	78.71 -0.31 0.00	121.62 0.11 0.00	123.16 -0.42 0.00	95.28 -0.51 0.00	88.37 -1.06 0.00	88.13 -1.38 0.00	68.26 -1.03 0.00	59.32 -0.97 0.00	62.82 -0.35 0.00	65.26 -0.15 0.00	68.80 -0.49 0.00	66.40 -0.55 0.00	58.50 -0.29 0.00	53.72 -0.09 0.00	52.15 0.31 0.00
UPPER HUDSON___HYD 24058	39.59 2.02 0.00	40.89 2.01 0.00	39.38 1.91 0.00	41.22 1.83 0.00	35.72 1.51 0.00	36.49 1.36 0.00	46.82 1.85 0.00	101.66 3.53 0.00	99.78 3.24 0.00	81.52 2.50 0.00	125.63 4.12 0.00	128.35 4.77 0.00	99.30 3.51 0.00	92.80 3.38 0.00	93.18 3.67 0.00	71.92 2.64 0.00	62.13 1.85 0.00	65.17 1.99 0.00	67.26 1.85 0.00	71.11 1.81 0.00	68.63 1.69 0.00	60.48 1.69 0.00	55.53 1.72 0.00	53.25 1.41 0.00
UPPER RAQUET___HYD 24056	39.20 1.62 0.00	40.47 1.59 0.00	39.02 1.54 0.00	41.02 1.63 0.00	35.37 1.15 0.00	36.35 1.23 0.00	46.56 1.60 0.00	101.86 3.72 0.00	100.82 4.28 0.00	82.79 3.77 0.00	126.60 5.09 0.00	128.76 5.18 0.00	99.57 3.78 0.00	92.92 3.50 0.00	92.51 3.01 0.00	71.18 1.89 0.00	61.70 1.42 0.00	64.55 1.37 0.00	66.96 1.56 0.00	71.28 1.98 0.00	69.61 2.67 0.00	61.06 2.26 0.00	55.82 2.02 0.00	53.84 2.00 0.00
VALLEY44_115KV_TB2 355964	36.83 -0.75 0.00	38.12 -0.76 0.00	36.82 -0.66 0.00	38.73 -0.67 0.00	33.57 -0.64 0.00	34.67 -0.46 0.00	43.93 -1.04 0.00	96.06 -2.08 0.00	94.43 -2.11 0.00	77.35 -1.67 0.00	120.13 -1.38 0.00	120.83 -2.75 0.00	93.25 -2.54 0.00	86.40 -3.03 0.00	85.95 -3.56 0.00	66.68 -2.61 0.00	57.97 -2.31 0.00	61.76 -1.41 0.00	64.47 -0.93 0.00	67.95 -1.35 0.00	65.50 -1.44 0.00	57.97 -0.83 0.00	53.28 -0.52 0.00	51.91 0.07 0.00
VALLEY___115KV_TB 1-4 80826	38.96 1.38 0.00	40.23 1.35 0.00	38.75 1.27 0.00	40.71 1.32 0.00	35.51 1.29 0.00	36.49 1.36 0.00	46.84 1.87 0.00	102.14 4.00 0.00	99.97 3.43 0.00	81.69 2.67 0.00	126.02 4.51 0.00	128.34 4.75 0.00	99.49 3.70 0.00	93.20 3.78 0.00	93.48 3.97 0.00	72.30 3.01 0.00	62.83 2.55 0.00	66.12 2.95 0.00	68.29 2.88 0.00	72.08 2.78 0.00	69.60 2.66 0.00	61.28 2.48 0.00	56.09 2.29 0.00	53.91 2.07 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.60 1.03 0.00	40.01 1.14 0.00	38.57 1.10 0.00	40.55 1.16 0.00	35.30 1.09 0.00	36.48 1.36 0.00	46.59 1.62 0.00	101.84 3.70 0.00	100.03 3.49 0.00	81.90 2.89 0.00	126.28 4.77 0.00	128.39 4.81 0.00	99.55 3.76 0.00	92.85 3.42 0.00	93.08 3.57 0.00	72.23 2.94 0.00	63.10 2.82 0.00	66.16 2.99 0.00	68.58 3.17 0.00	72.69 3.39 0.00	70.08 3.14 0.00	61.62 2.82 0.00	56.37 2.56 0.00	54.23 2.39 0.00
VISCHER___FERRY HYD 24020	38.28 0.70 0.00	39.60 0.72 0.00	38.16 0.69 0.00	40.06 0.66 0.00	34.88 0.67 0.00	35.74 0.61 0.00	45.81 0.84 0.00	99.65 1.51 0.00	97.78 1.23 0.00	79.82 0.80 0.00	122.91 1.40 0.00	125.24 1.65 0.00	97.09 1.30 0.00	90.69 1.27 0.00	90.97 1.46 0.00	70.18 0.89 0.00	60.81 0.52 0.00	63.62 0.45 0.00	65.74 0.33 0.00	69.60 0.30 0.00	67.22 0.28 0.00	59.16 0.36 0.00	54.20 0.39 0.00	52.15 0.32 0.00
V_A_10_SYNC_DSASP 323832	36.70 -0.87 0.00	37.97 -0.91 0.00	36.61 -0.87 0.00	38.58 -0.82 0.00	33.44 -0.77 0.00	34.32 -0.80 0.00	43.28 -1.69 0.00	94.22 -3.92 0.00	93.28 -3.26 0.00	76.77 -2.25 0.00	118.72 -2.79 0.00	119.96 -3.62 0.00	92.73 -3.06 0.00	85.84 -3.58 0.00	85.51 -4.00 0.00	66.26 -3.03 0.00	57.50 -2.79 0.00	61.03 -2.15 0.00	63.51 -1.90 0.00	66.96 -2.34 0.00	64.69 -2.26 0.00	57.16 -1.64 0.00	52.69 -1.11 0.00	51.42 -0.42 0.00
V_CMM_10_SYNC_DSASP 323787	38.50 0.93 0.00	39.77 0.88 0.00	38.32 0.85 0.00	40.28 0.89 0.00	34.81 0.59 0.00	35.77 0.65 0.00	45.71 0.74 0.00	99.75 1.61 0.00	98.51 1.97 0.00	80.74 1.72 0.00	123.88 2.37 0.00	125.92 2.33 0.00	97.67 1.88 0.00	91.22 1.80 0.00	91.12 1.61 0.00	70.51 1.22 0.00	61.30 1.02 0.00	64.28 1.10 0.00	66.64 1.23 0.00	70.68 1.38 0.00	68.28 1.34 0.00	59.91 1.12 0.00	54.86 1.05 0.00	52.94 1.10 0.00
V_CMP_10_SYNC_DSASP 323788	38.52 0.96 0.00	39.78 0.89 0.00	38.32 0.84 0.00	40.28 0.88 0.00	34.78 0.57 0.00	35.64 0.52 0.00	45.22 0.25 0.00	98.71 0.57 0.00	97.72 1.19 0.00	80.20 1.18 0.00	121.53 0.02 0.00	123.72 0.13 0.00	95.79 -0.01 0.00	89.42 0.00 0.00	89.30 -0.21 0.00	69.13 -0.16 0.00	60.13 -0.15 0.00	63.05 -0.12 0.00	65.39 -0.02 0.00	69.34 0.04 0.00	67.01 0.07 0.00	58.76 -0.04 0.00	54.08 0.27 0.00	52.51 0.68 0.00
V_D_10_SYNC_DSASP 323841	38.89 1.32 0.00	40.17 1.29 0.00	38.72 1.25 0.00	40.70 1.31 0.00	35.16 0.95 0.00	36.13 1.01 0.00	46.19 1.23 0.00	100.86 2.72 0.00	99.78 3.24 0.00	81.91 2.89 0.00	125.32 3.81 0.00	127.50 3.92 0.00	98.72 2.93 0.00	92.18 2.76 0.00	92.04 2.53 0.00	71.16 1.87 0.00	61.83 1.55 0.00	64.82 1.65 0.00	67.23 1.83 0.00	71.34 2.04 0.00	69.07 2.13 0.00	60.56 1.77 0.00	55.42 1.61 0.00	53.50 1.66 0.00
V_E_10_SYNC_DSASP 323830	39.63 2.06 0.00	40.90 2.02 0.00	39.46 1.99 0.00	41.20 1.81 0.00	35.72 1.50 0.00	36.70 1.57 0.00	47.67 2.70 0.00	104.63 6.50 0.00	103.22 6.69 0.00	84.72 5.69 0.00	130.42 8.91 0.00	132.54 8.95 0.00	101.93 6.14 0.00	94.10 4.68 0.00	94.11 4.60 0.00	72.59 3.30 0.00	63.29 3.01 0.00	66.52 3.35 0.00	69.22 3.81 0.00	73.91 4.62 0.00	70.81 3.86 0.00	62.30 3.51 0.00	56.85 3.05 0.00	54.35 2.52 0.00

V_F_30_NSYNC___DSASP 323816	39.02 1.45 0.00	40.37 1.50 0.00	38.88 1.41 0.00	40.81 1.42 0.00	35.47 1.25 0.00	36.36 1.23 0.00	46.66 1.69 0.00	101.54 3.40 0.00	99.59 3.06 0.00	81.36 2.34 0.00	125.30 3.79 0.00	127.71 4.13 0.00	99.00 3.21 0.00	92.49 3.07 0.00	92.81 3.30 0.00	71.68 2.39 0.00	62.15 1.87 0.00	65.09 1.92 0.00	67.25 1.85 0.00	71.16 1.86 0.00	68.66 1.71 0.00	60.42 1.63 0.00	55.34 1.53 0.00	53.21 1.38 0.00
V_F_30_SYNC_DSASP 323786	37.98 0.41 0.00	39.30 0.42 0.00	37.89 0.42 0.00	39.79 0.39 0.00	34.67 0.46 0.00	35.58 0.45 0.00	45.51 0.54 0.00	99.07 0.93 0.00	97.18 0.65 0.00	79.38 0.36 0.00	122.20 0.69 0.00	124.41 0.83 0.00	96.54 0.75 0.00	90.20 0.78 0.00	90.53 1.02 0.00	69.95 0.66 0.00	60.72 0.44 0.00	63.50 0.33 0.00	65.62 0.21 0.00	69.47 0.17 0.00	67.13 0.18 0.00	59.04 0.24 0.00	54.01 0.21 0.00	51.98 0.14 0.00
V_XM_10_SYNC_DSASP 323789	38.52 0.96 0.00	39.78 0.89 0.00	38.32 0.84 0.00	40.28 0.88 0.00	34.78 0.57 0.00	35.64 0.52 0.00	45.22 0.25 0.00	98.71 0.57 0.00	97.72 1.19 0.00	80.20 1.18 0.00	121.53 0.02 0.00	123.72 0.13 0.00	95.79 -0.01 0.00	89.42 0.00 0.00	89.30 -0.21 0.00	69.13 -0.16 0.00	60.13 -0.15 0.00	63.05 -0.12 0.00	65.39 -0.02 0.00	69.34 0.04 0.00	67.01 0.07 0.00	58.76 -0.04 0.00	54.08 0.27 0.00	52.51 0.68 0.00
W.BABYLN_69_KV_BK1 56697	39.24 1.67 0.00	40.66 1.78 0.00	39.17 1.69 0.00	41.13 1.74 0.00	35.86 1.65 0.00	36.83 1.70 0.00	50.92 2.55 -3.39	113.79 6.24 -9.41	110.54 4.94 -9.06	89.69 4.04 -6.63	134.82 6.50 -6.82	141.66 6.98 -11.09	112.20 5.18 -11.23	102.75 4.77 -8.55	105.27 5.15 -10.61	79.81 3.90 -6.63	70.07 3.62 -6.16	70.56 3.45 -3.94	71.72 3.49 -2.82	101.67 4.14 -28.24	73.73 3.87 -2.92	64.69 3.56 -2.33	57.52 3.25 -0.46	54.81 2.71 -0.26
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.61 1.03 0.00	39.93 1.04 0.00	38.49 1.02 0.00	40.40 1.01 0.00	35.18 0.97 0.00	36.30 1.17 0.00	46.81 1.84 0.00	102.45 4.31 0.00	99.91 3.38 0.00	81.57 2.56 0.00	125.57 4.06 0.00	127.58 4.00 0.00	98.95 3.16 0.00	92.20 2.78 0.00	92.42 2.91 0.00	71.64 2.36 0.00	62.66 2.38 0.00	65.67 2.50 0.00	67.95 2.55 0.00	72.04 2.74 0.00	69.56 2.62 0.00	61.21 2.41 0.00	55.91 2.10 0.00	53.77 1.93 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.83 1.26 0.00	40.14 1.26 0.00	38.67 1.20 0.00	40.59 1.20 0.00	35.37 1.15 0.00	36.50 1.37 0.00	46.97 2.00 0.00	102.76 4.62 0.00	100.12 3.57 0.00	81.79 2.78 0.00	125.99 4.48 0.00	128.16 4.57 0.00	99.35 3.56 0.00	92.49 3.07 0.00	92.74 3.24 0.00	71.91 2.63 0.00	62.85 2.57 0.00	65.81 2.64 0.00	68.03 2.63 0.00	72.11 2.81 0.00	69.65 2.71 0.00	61.31 2.52 0.00	56.05 2.24 0.00	53.96 2.12 0.00
W50THST__13_KV_LOAD 356117	39.02 1.45 0.00	40.33 1.45 0.00	38.86 1.38 0.00	40.78 1.39 0.00	35.54 1.33 0.00	36.68 1.55 0.00	47.23 2.26 0.00	103.33 5.19 0.00	100.69 4.15 0.00	82.29 3.27 0.00	126.72 5.21 0.00	128.92 5.33 0.00	99.98 4.19 0.00	93.08 3.65 0.00	93.30 3.79 0.00	72.36 3.07 0.00	63.25 2.97 0.00	66.23 3.06 0.00	68.44 3.03 0.00	72.51 3.22 0.00	69.99 3.04 0.00	61.62 2.83 0.00	56.34 2.54 0.00	54.26 2.42 0.00
WADING RIVER_IC_1 23522	38.92 1.35 0.00	40.44 1.56 0.00	38.99 1.52 0.00	41.00 1.61 0.00	35.84 1.62 0.00	36.80 1.68 0.00	57.11 2.36 -9.78	131.11 5.84 -27.12	126.30 3.65 -26.11	101.19 3.06 -19.11	146.27 5.09 -19.66	155.76 5.58 -26.59	119.87 4.86 -19.22	108.91 4.36 -15.12	112.61 4.90 -18.20	90.80 3.48 -18.04	79.07 2.85 -15.95	78.17 2.29 -12.70	78.22 2.12 -10.70	108.88 2.83 -36.75	80.52 2.51 -11.07	70.12 2.48 -8.84	57.90 2.32 -1.77	54.68 1.86 -0.99
WADING RIVER_IC_2 23547	38.92 1.35 0.00	40.44 1.56 0.00	38.99 1.52 0.00	41.00 1.61 0.00	35.84 1.62 0.00	36.80 1.68 0.00	57.11 2.36 -9.78	131.11 5.84 -27.12	126.30 3.65 -26.11	101.19 3.06 -19.11	146.27 5.09 -19.66	155.76 5.58 -26.59	119.87 4.86 -19.22	108.91 4.36 -15.12	112.61 4.90 -18.20	90.80 3.48 -18.04	79.07 2.85 -15.95	78.17 2.29 -12.70	78.22 2.12 -10.70	108.88 2.83 -36.75	80.52 2.51 -11.07	70.12 2.48 -8.84	57.90 2.32 -1.77	54.68 1.86 -0.99
WADING RIVER_IC_3 23601	38.92 1.35 0.00	40.44 1.56 0.00	38.99 1.52 0.00	41.00 1.61 0.00	35.84 1.62 0.00	36.80 1.68 0.00	57.11 2.36 -9.78	131.11 5.84 -27.12	126.30 3.65 -26.11	101.19 3.06 -19.11	146.27 5.09 -19.66	155.76 5.58 -26.59	119.87 4.86 -19.22	108.91 4.36 -15.12	112.61 4.90 -18.20	90.80 3.48 -18.04	79.07 2.85 -15.95	78.17 2.29 -12.70	78.22 2.12 -10.70	108.88 2.83 -36.75	80.52 2.51 -11.07	70.12 2.48 -8.84	57.90 2.32 -1.77	54.68 1.86 -0.99
WALDENNY_12_KV_BK2 80841	37.17 -0.40 0.00	38.46 -0.43 0.00	37.08 -0.39 0.00	39.06 -0.33 0.00	33.83 -0.38 0.00	34.74 -0.39 0.00	43.74 -1.23 0.00	95.45 -2.69 0.00	94.62 -1.92 0.00	77.90 -1.12 0.00	120.73 -0.79 0.00	121.84 -1.74 0.00	94.12 -1.68 0.00	87.02 -2.40 0.00	86.55 -2.96 0.00	67.13 -2.16 0.00	58.17 -2.11 0.00	61.85 -1.33 0.00	64.46 -0.95 0.00	67.89 -1.41 0.00	65.52 -1.43 0.00	57.94 -0.85 0.00	53.41 -0.39 0.00	52.14 0.30 0.00
WALDEN__HYDRO 24148	38.56 0.99 0.00	39.88 1.00 0.00	38.44 0.97 0.00	40.36 0.97 0.00	35.16 0.94 0.00	36.22 1.10 0.00	46.60 1.63 0.00	101.90 3.76 0.00	99.49 2.95 0.00	81.26 2.24 0.00	125.19 3.68 0.00	127.32 3.74 0.00	98.77 2.98 0.00	92.04 2.61 0.00	92.27 2.76 0.00	71.53 2.24 0.00	62.53 2.24 0.00	65.51 2.34 0.00	67.78 2.38 0.00	71.85 2.56 0.00	69.41 2.47 0.00	61.09 2.29 0.00	55.81 2.01 0.00	53.66 1.83 0.00
WARRENSBURG____ 23737	39.59 2.02 0.00	40.89 2.02 0.00	39.38 1.91 0.00	41.23 1.83 0.00	35.72 1.51 0.00	36.49 1.36 0.00	46.82 1.85 0.00	101.67 3.53 0.00	99.78 3.24 0.00	81.52 2.50 0.00	125.63 4.12 0.00	128.35 4.77 0.00	99.29 3.50 0.00	92.81 3.38 0.00	93.18 3.67 0.00	71.92 2.64 0.00	62.13 1.85 0.00	65.16 1.99 0.00	67.26 1.86 0.00	71.11 1.82 0.00	68.63 1.69 0.00	60.48 1.69 0.00	55.53 1.72 0.00	53.25 1.41 0.00
WATERSIDE____6 8 9 23538	38.91 1.34 0.00	40.20 1.32 0.00	38.74 1.27 0.00	40.65 1.26 0.00	35.42 1.20 0.00	36.51 1.38 0.00	46.94 1.97 0.00	102.57 4.43 0.00	100.02 3.48 0.00	81.69 2.67 0.00	125.79 4.29 0.00	128.01 4.43 0.00	99.25 3.46 0.00	92.42 2.99 0.00	92.65 3.14 0.00	71.92 2.64 0.00	62.82 2.54 0.00	65.77 2.60 0.00	68.01 2.61 0.00	72.07 2.78 0.00	69.66 2.72 0.00	61.34 2.55 0.00	56.14 2.33 0.00	54.10 2.26 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.50 0.93 0.00	39.81 0.93 0.00	38.35 0.88 0.00	40.31 0.91 0.00	35.11 0.90 0.00	36.07 0.95 0.00	46.27 1.30 0.00	100.94 2.80 0.00	98.90 2.37 0.00	80.82 1.80 0.00	124.58 3.07 0.00	126.80 3.22 0.00	98.30 2.51 0.00	91.98 2.56 0.00	92.23 2.72 0.00	71.37 2.08 0.00	62.05 1.76 0.00	65.21 2.04 0.00	67.42 2.01 0.00	71.25 1.96 0.00	68.79 1.85 0.00	60.53 1.74 0.00	55.40 1.60 0.00	53.27 1.44 0.00

WDELAWARE___HYD 323627	37.84 0.27 0.00	39.14 0.26 0.00	37.71 0.23 0.00	39.61 0.21 0.00	34.49 0.28 0.00	35.54 0.41 0.00	45.76 0.79 0.00	100.12 1.98 0.00	97.91 1.37 0.00	79.97 0.95 0.00	122.90 1.39 0.00	125.15 1.57 0.00	97.13 1.34 0.00	90.58 1.15 0.00	90.78 1.27 0.00	70.41 1.12 0.00	61.58 1.29 0.00	64.55 1.38 0.00	66.78 1.38 0.00	70.76 1.46 0.00	68.39 1.44 0.00	60.11 1.31 0.00	54.87 1.07 0.00	52.71 0.88 0.00
WEST BABYLON___IC 23714	39.24 1.67 0.00	40.66 1.78 0.00	39.17 1.69 0.00	41.13 1.74 0.00	35.86 1.65 0.00	36.83 1.70 0.00	50.92 2.55 -3.39	113.79 6.24 -9.41	110.54 4.94 -9.06	89.69 4.04 -6.63	134.82 6.50 -6.82	141.66 6.98 -11.09	112.20 5.18 -11.23	102.75 4.77 -8.55	105.27 5.15 -10.61	79.81 3.90 -6.63	70.07 3.62 -6.16	70.56 3.45 -3.94	71.72 3.49 -2.82	101.67 4.14 -28.24	73.73 3.87 -2.92	64.69 3.56 -2.33	57.52 3.25 -0.46	54.81 2.71 -0.26
WEST CANADA___HYD 24049	37.56 -0.01 0.00	38.88 0.00 0.00	37.47 0.00 0.00	39.39 0.00 0.00	34.26 0.05 0.00	35.16 0.04 0.00	45.06 0.09 0.00	98.33 0.19 0.00	96.61 0.07 0.00	79.03 0.01 0.00	121.63 0.12 0.00	123.71 0.12 0.00	95.88 0.09 0.00	89.50 0.08 0.00	89.64 0.13 0.00	69.38 0.09 0.00	60.37 0.08 0.00	63.21 0.04 0.00	65.41 0.00 0.00	69.29 0.00 0.00	66.97 0.02 0.00	58.85 0.06 0.00	53.86 0.06 0.00	51.86 0.02 0.00
WESTERN_NY_WIND 24143	37.81 0.23 0.00	39.09 0.21 0.00	37.68 0.21 0.00	39.71 0.32 0.00	34.47 0.25 0.00	35.36 0.23 0.00	44.68 -0.29 0.00	97.56 -0.58 0.00	96.85 0.31 0.00	79.83 0.81 0.00	123.41 1.90 0.00	124.70 1.12 0.00	96.43 0.64 0.00	89.22 -0.20 0.00	88.82 -0.69 0.00	68.82 -0.46 0.00	59.71 -0.58 0.00	63.52 0.34 0.00	66.06 0.65 0.00	69.54 0.25 0.00	67.11 0.16 0.00	59.22 0.43 0.00	54.54 0.74 0.00	53.18 1.34 0.00
WESTOVER___LESR 323668	37.37 -0.20 0.00	38.71 -0.17 0.00	37.32 -0.16 0.00	39.22 -0.17 0.00	34.12 -0.09 0.00	35.08 -0.04 0.00	44.95 -0.02 0.00	98.21 0.07 0.00	96.42 -0.12 0.00	78.82 -0.20 0.00	121.65 0.14 0.00	123.32 -0.26 0.00	95.50 -0.29 0.00	88.96 -0.46 0.00	88.92 -0.59 0.00	68.94 -0.34 0.00	60.01 -0.27 0.00	63.12 -0.05 0.00	65.49 0.08 0.00	69.31 0.02 0.00	66.88 -0.07 0.00	58.88 0.09 0.00	53.89 0.09 0.00	51.97 0.13 0.00
WETHRSFD_WT_PWR 323626	36.85 -0.73 0.00	38.15 -0.73 0.00	36.79 -0.68 0.00	38.70 -0.70 0.00	33.53 -0.68 0.00	34.52 -0.61 0.00	43.65 -1.32 0.00	95.30 -2.83 0.00	94.24 -2.30 0.00	77.28 -1.74 0.00	119.79 -1.72 0.00	120.74 -2.84 0.00	93.18 -2.61 0.00	86.10 -3.33 0.00	85.46 -4.05 0.00	66.33 -2.95 0.00	57.55 -2.74 0.00	61.25 -1.92 0.00	63.81 -1.60 0.00	67.17 -2.13 0.00	64.76 -2.18 0.00	57.30 -1.50 0.00	52.71 -1.09 0.00	51.37 -0.46 0.00
WHAVSTOR_138KV_BK127 55557	38.40 0.83 0.00	39.73 0.84 0.00	38.30 0.83 0.00	40.20 0.81 0.00	35.00 0.79 0.00	36.12 0.99 0.00	46.63 1.66 0.00	102.00 3.86 0.00	99.48 2.94 0.00	81.21 2.19 0.00	124.77 3.26 0.00	126.71 3.12 0.00	98.28 2.48 0.00	91.58 2.15 0.00	91.80 2.29 0.00	71.15 1.86 0.00	62.23 1.95 0.00	65.16 1.99 0.00	67.44 2.04 0.00	71.51 2.22 0.00	69.05 2.11 0.00	60.80 2.00 0.00	55.54 1.73 0.00	53.44 1.60 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.40 0.83 0.00	39.73 0.84 0.00	38.30 0.83 0.00	40.20 0.81 0.00	35.00 0.79 0.00	36.12 0.99 0.00	46.63 1.66 0.00	102.00 3.86 0.00	99.48 2.94 0.00	81.21 2.19 0.00	124.77 3.26 0.00	126.71 3.12 0.00	98.28 2.48 0.00	91.58 2.15 0.00	91.80 2.29 0.00	71.15 1.86 0.00	62.23 1.95 0.00	65.16 1.99 0.00	67.44 2.04 0.00	71.51 2.22 0.00	69.05 2.11 0.00	60.80 2.00 0.00	55.54 1.73 0.00	53.44 1.60 0.00
WHITEHAL_115KV_TB1 80871	40.61 3.03 0.00	41.79 2.91 0.00	40.14 2.67 0.00	42.09 2.70 0.00	36.59 2.37 0.00	37.63 2.50 0.00	48.73 3.76 0.00	104.82 6.68 0.00	102.72 6.18 0.00	83.55 4.53 0.00	129.00 7.50 0.00	132.63 9.05 0.00	101.95 6.15 0.00	96.24 6.81 0.00	96.75 7.24 0.00	74.91 5.62 0.00	63.92 3.64 0.00	67.13 3.96 0.00	69.08 3.67 0.00	73.01 3.71 0.00	70.00 3.06 0.00	62.08 3.29 0.00	57.37 3.56 0.00	54.81 2.97 0.00
WHITEPLN_13_KV_LOAD 356215	38.86 1.29 0.00	40.20 1.32 0.00	38.74 1.27 0.00	40.67 1.27 0.00	35.45 1.23 0.00	36.53 1.40 0.00	47.01 2.04 0.00	102.87 4.73 0.00	100.38 3.84 0.00	81.99 2.97 0.00	126.35 4.84 0.00	128.51 4.93 0.00	99.69 3.90 0.00	92.87 3.45 0.00	93.10 3.59 0.00	72.17 2.88 0.00	63.10 2.82 0.00	66.12 2.95 0.00	68.40 3.00 0.00	72.49 3.20 0.00	69.96 3.02 0.00	61.57 2.78 0.00	56.25 2.44 0.00	54.08 2.24 0.00
WM_FLOYD_69_KV_BK2 356380	38.92 1.35 0.00	40.40 1.52 0.00	38.96 1.48 0.00	40.95 1.56 0.00	35.79 1.57 0.00	36.73 1.60 0.00	56.65 2.25 -9.42	129.92 5.66 -26.12	125.54 3.84 -25.15	100.63 3.20 -18.41	145.77 5.32 -18.93	155.03 5.74 -25.71	119.11 4.58 -18.74	108.30 4.14 -14.73	111.97 4.72 -17.75	89.99 3.31 -17.39	78.35 2.68 -15.39	77.55 2.20 -12.17	77.69 2.09 -10.19	108.17 2.80 -36.07	79.98 2.50 -10.54	69.70 2.49 -8.42	57.84 2.35 -1.69	54.68 1.91 -0.94
WOODARD___115KV_TB2 355635	36.76 -0.81 0.00	38.05 -0.83 0.00	36.66 -0.81 0.00	38.56 -0.84 0.00	33.59 -0.62 0.00	34.47 -0.66 0.00	44.16 -0.81 0.00	96.36 -1.78 0.00	94.81 -1.73 0.00	77.66 -1.36 0.00	119.67 -1.84 0.00	121.58 -2.00 0.00	94.22 -1.57 0.00	87.79 -1.63 0.00	87.86 -1.65 0.00	68.04 -1.25 0.00	59.22 -1.06 0.00	62.18 -0.99 0.00	64.39 -1.01 0.00	68.13 -1.17 0.00	65.76 -1.19 0.00	57.78 -1.01 0.00	52.86 -0.94 0.00	50.93 -0.91 0.00
WOODMERE_69_KV_BK1 55827	39.30 1.73 0.00	40.67 1.80 0.00	39.17 1.69 0.00	41.13 1.74 0.00	35.83 1.62 0.00	36.86 1.74 0.00	47.40 2.43 0.00	103.56 5.42 0.00	100.13 3.59 0.00	82.15 3.12 0.00	126.57 5.06 0.00	132.82 5.49 -3.75	109.26 4.34 -9.13	99.94 3.91 -6.60	102.25 4.14 -8.59	73.20 3.17 -0.74	64.56 2.99 -1.29	66.30 3.13 0.00	68.68 3.27 -0.01	107.44 3.70 -34.45	70.48 3.53 -0.01	62.05 3.26 0.00	56.80 2.99 0.00	54.43 2.60 0.00
YORK___WARBASSE 23770	38.96 1.39 0.00	40.24 1.36 0.00	38.78 1.31 0.00	40.69 1.30 0.00	35.44 1.23 0.00	36.53 1.40 0.00	47.00 2.03 0.00	102.65 4.51 0.00	100.11 3.57 0.00	81.70 2.68 0.00	125.74 4.24 0.00	128.01 4.43 0.00	99.32 3.53 0.00	92.49 3.06 0.00	92.80 3.29 0.00	72.07 2.79 0.00	62.93 2.65 0.00	65.90 2.73 0.00	68.17 2.77 0.00	72.24 2.94 0.00	69.84 2.90 0.00	61.52 2.73 0.00	56.30 2.50 0.00	54.25 2.42 0.00