

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

07/05/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	26.61	23.26	21.91	18.13	18.03	20.19	27.04	34.62	32.31	35.85	38.14	41.46	41.38	59.19	143.79	76.83	98.96	78.35	92.57	90.30	64.74	128.54	108.08	56.02
24138	1.42	1.44	1.27	1.01	0.94	1.07	1.44	1.54	1.93	1.91	2.19	2.45	2.44	2.90	7.34	4.15	5.49	4.22	4.46	3.90	2.47	5.40	4.15	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.25	-0.24	-4.66	0.00	0.00	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	26.74	23.35	22.00	18.21	18.10	20.27	27.14	34.70	32.40	35.93	38.26	41.58	41.49	59.30	143.96	76.91	99.07	78.45	92.73	90.53	64.90	128.83	108.37	56.17
24260	1.55	1.53	1.36	1.09	1.02	1.15	1.54	1.62	2.02	1.99	2.31	2.57	2.55	3.00	7.51	4.23	5.60	4.32	4.61	4.13	2.62	5.69	4.44	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.24	-0.24	-4.66	0.00	0.00	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	26.74	23.35	22.00	18.21	18.10	20.27	27.14	34.70	32.40	35.93	38.26	41.58	41.49	59.30	143.96	76.91	99.07	78.45	92.73	90.53	64.90	128.83	108.37	56.17
24261	1.55	1.53	1.36	1.09	1.02	1.15	1.54	1.62	2.02	1.99	2.31	2.57	2.55	3.00	7.51	4.23	5.60	4.32	4.61	4.13	2.62	5.69	4.44	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.24	-0.24	-4.66	0.00	0.00	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	26.65	23.17	21.85	18.05	17.98	20.17	27.00	28.11	32.07	31.94	37.63	40.72	40.61	58.80	144.21	77.08	99.43	78.84	94.52	92.47	66.62	132.01	111.06	57.39
24011	1.45	1.34	1.20	0.93	0.90	1.04	1.40	1.45	1.88	1.64	1.68	1.71	1.67	2.51	7.75	4.41	5.96	4.72	6.40	6.07	4.35	8.87	7.13	3.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.82	-0.05	-1.03	0.00	0.00	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	26.88	23.34	22.00	18.14	18.08	20.28	27.17	28.32	32.33	32.16	37.89	41.03	40.92	59.40	146.10	78.20	100.75	79.85	95.71	93.51	67.39	133.25	112.06	57.85
23798	1.69	1.52	1.35	1.02	1.00	1.15	1.57	1.66	2.14	1.86	1.94	2.02	1.98	3.11	9.64	5.52	7.28	5.72	7.60	7.11	5.12	10.11	8.13	3.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.82	-0.05	-1.03	0.00	0.00	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	26.65	23.17	21.85	18.05	17.98	20.17	27.00	28.11	32.07	31.94	37.63	40.72	40.61	58.80	144.21	77.08	99.43	78.84	94.52	92.47	66.62	132.01	111.06	57.39
24028	1.45	1.34	1.20	0.93	0.90	1.04	1.40	1.45	1.88	1.64	1.68	1.71	1.67	2.51	7.75	4.41	5.96	4.72	6.40	6.07	4.35	8.87	7.13	3.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.82	-0.05	-1.03	0.00	0.00	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	26.40	23.10	21.88	18.19	18.09	20.27	26.95	28.22	31.81	31.79	37.07	39.98	39.67	57.18	139.77	74.32	95.68	75.94	91.15	89.90	65.04	128.73	108.51	56.25
23527	1.21	1.28	1.24	1.07	1.01	1.14	1.35	1.29	1.60	1.33	1.13	0.97	0.73	0.89	3.31	1.64	2.21	1.82	3.04	3.50	2.76	5.58	4.58	2.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.09	-0.06	-1.18	0.00	0.00	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	25.47	22.24	21.03	17.42	17.35	19.45	26.01	27.08	30.59	30.57	35.94	38.95	38.83	55.78	135.79	72.51	93.39	74.07	88.21	86.58	62.41	123.66	104.45	54.23
24190	0.28	0.41	0.38	0.30	0.27	0.33	0.41	0.35	0.39	0.23	-0.01	-0.06	-0.11	-0.51	-0.67	-0.17	-0.08	-0.05	0.10	0.18	0.13	0.51	0.52	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.89	-0.06	-1.07	0.00	0.00	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	24.93	21.49	20.35	16.87	16.90	18.90	25.38	24.70	29.96	29.06	35.75	38.93	38.85	56.40	136.47	72.43	93.16	73.90	87.70	86.08	62.13	122.68	103.46	53.64
355683	-0.26	-0.34	-0.29	-0.24	-0.18	-0.23	-0.22	-0.14	-0.18	-0.22	-0.20	-0.08	-0.08	0.11	0.01	-0.25	-0.31	-0.22	-0.41	-0.32	-0.14	-0.47	-0.47	-0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.47	22.24	21.03	17.42	17.35	19.45	26.01	27.08	30.59	30.57	35.94	38.95	38.83	55.78	135.79	72.51	93.39	74.07	88.21	86.58	62.41	123.66	104.45	54.23
23571	0.28	0.41	0.38	0.30	0.27	0.33	0.41	0.35	0.39	0.23	-0.01	-0.06	-0.11	-0.51	-0.67	-0.17	-0.08	-0.05	0.10	0.18	0.13	0.51	0.52	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.89	-0.06	-1.07	0.00	0.00	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	25.47	22.24	21.03	17.42	17.35	19.45	26.01	27.08	30.59	30.57	35.94	38.95	38.83	55.78	135.79	72.51	93.39	74.07	88.21	86.58	62.41	123.66	104.45	54.23
23572	0.28	0.41	0.38	0.30	0.27	0.33	0.41	0.35	0.39	0.23	-0.01	-0.06	-0.11	-0.51	-0.67	-0.17	-0.08	-0.05	0.10	0.18	0.13	0.51	0.52	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.89	-0.06	-1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	25.47	22.24	21.03	17.42	17.35	19.45	26.01	27.08	30.59	30.57	35.94	38.95	38.83	55.78	135.79	72.51	93.39	74.07	88.21	86.58	62.41	123.66	104.45	54.23
23573	0.28	0.41	0.38	0.30	0.27	0.33	0.41	0.35	0.39	0.23	-0.01	-0.06	-0.11	-0.51	-0.67	-0.17	-0.08	-0.05	0.10	0.18	0.13	0.51	0.52	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.89	-0.06	-1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	25.47 0.28 0.00	22.24 0.41 0.00	21.03 0.38 0.00	17.42 0.30 0.00	17.35 0.27 0.00	19.45 0.33 0.00	26.01 0.41 0.00	27.08 0.35 -1.89	30.59 0.39 -0.06	30.57 0.23 -1.07	35.94 -0.01 0.00	38.95 -0.06 0.00	38.83 -0.11 0.00	55.78 -0.51 0.00	135.79 -0.67 0.00	72.51 -0.17 0.00	93.39 -0.08 0.00	74.07 -0.05 0.00	88.21 0.10 0.00	86.58 0.18 0.00	62.41 0.13 0.00	123.66 0.51 0.00	104.45 0.52 0.00	54.23 0.32 0.00
ALBANY___LFGE 323615	25.76 0.57 0.00	22.48 0.65 0.00	21.25 0.61 0.00	17.61 0.49 0.00	17.53 0.45 0.00	19.67 0.54 0.00	26.30 0.70 0.00	27.36 0.64 -1.88	30.97 0.77 -0.06	30.96 0.62 -1.06	36.47 0.52 0.00	39.54 0.53 0.00	39.43 0.49 0.00	56.74 0.44 0.00	138.10 1.64 0.00	73.69 1.02 0.00	94.96 1.49 0.00	75.30 1.18 0.00	89.59 1.47 0.00	87.91 1.52 0.00	63.34 1.07 0.00	125.47 2.32 0.00	105.90 1.98 0.00	54.95 1.04 0.00
ALCOA_PA_115KV_PL-6C 55860	25.07 -0.12 0.00	21.60 -0.23 0.00	20.45 -0.20 0.00	16.96 -0.16 0.00	16.98 -0.11 0.00	18.97 -0.16 0.00	25.45 -0.15 0.00	24.77 -0.06 0.00	30.05 -0.09 0.00	29.14 -0.13 0.00	35.88 -0.06 0.00	39.09 0.08 0.00	39.05 0.11 0.00	56.69 0.40 0.00	137.09 0.63 0.00	72.70 0.03 0.00	93.51 0.05 0.00	74.22 0.10 0.00	88.09 -0.03 0.00	86.48 0.09 0.00	62.47 0.20 0.00	123.35 0.20 0.00	104.13 0.20 0.00	54.01 0.10 0.00
ALCOA_RYNLDS___DRP 24188	25.07 -0.12 0.00	21.60 -0.23 0.00	20.45 -0.20 0.00	16.96 -0.16 0.00	16.98 -0.11 0.00	18.97 -0.16 0.00	25.45 -0.15 0.00	24.77 -0.06 0.00	30.05 -0.09 0.00	29.14 -0.13 0.00	35.88 -0.06 0.00	39.09 0.08 0.00	39.05 0.11 0.00	56.69 0.40 0.00	137.09 0.63 0.00	72.70 0.03 0.00	93.51 0.05 0.00	74.22 0.10 0.00	88.09 -0.03 0.00	86.48 0.09 0.00	62.47 0.20 0.00	123.35 0.20 0.00	104.13 0.20 0.00	54.01 0.10 0.00
ALCOA___DSASP 323711	25.07 -0.12 0.00	21.60 -0.22 0.00	20.45 -0.19 0.00	16.96 -0.16 0.00	16.98 -0.11 0.00	18.97 -0.16 0.00	25.46 -0.15 0.00	24.77 -0.06 0.00	30.05 -0.09 0.00	29.14 -0.13 0.00	35.89 -0.06 0.00	39.09 0.08 0.00	39.05 0.11 0.00	56.69 0.40 0.00	137.09 0.64 0.00	72.70 0.03 0.00	93.51 0.05 0.00	74.22 0.10 0.00	88.09 -0.03 0.00	86.48 0.09 0.00	62.47 0.20 0.00	123.35 0.20 0.00	104.13 0.20 0.00	54.01 0.10 0.00
ALLEGHENY___COGEN 23514	27.61 2.42 0.00	23.61 1.79 0.00	22.27 1.63 0.00	18.34 1.23 0.00	18.13 1.05 0.00	20.27 1.14 0.00	27.02 1.42 0.00	25.81 0.98 0.00	30.95 0.80 0.00	29.97 0.70 0.00	36.45 0.50 0.00	37.97 -1.04 0.00	37.52 -1.42 0.00	53.37 -2.92 0.00	129.60 -6.86 0.00	68.93 -3.74 0.00	88.65 -4.82 0.00	70.91 -3.22 0.00	83.58 -4.54 0.00	83.24 -3.16 0.00	61.05 -1.22 0.00	122.17 -0.98 0.00	105.65 1.72 0.00	57.50 3.58 0.00
ALTAMONT_115KV_TB 2 55880	25.83 0.64 0.00	22.52 0.70 0.00	21.30 0.65 0.00	17.64 0.52 0.00	17.56 0.49 0.00	19.69 0.56 0.00	26.32 0.71 0.00	27.33 0.67 -1.83	30.98 0.79 -0.05	30.96 0.65 -1.03	36.51 0.56 0.00	39.56 0.55 0.00	39.42 0.49 0.00	56.70 0.40 0.00	137.88 1.42 0.00	73.60 0.93 0.00	94.82 1.36 0.00	75.25 1.13 0.00	89.57 1.46 0.00	87.83 1.44 0.00	63.31 1.04 0.00	125.39 2.24 0.00	105.95 2.02 0.00	55.05 1.13 0.00
ALTONA_WT_PWR 323606	25.47 0.28 0.00	21.90 0.07 0.00	20.65 0.01 0.00	17.09 -0.03 0.00	17.12 0.04 0.00	19.21 0.09 0.00	25.79 0.19 0.00	25.25 0.41 0.00	30.66 0.52 0.00	29.65 0.38 0.00	36.39 0.44 0.00	39.52 0.51 0.00	39.26 0.32 0.00	57.11 0.81 0.00	137.84 1.39 0.00	72.81 0.13 0.00	93.86 0.40 0.00	74.61 0.48 0.00	88.80 0.69 0.00	87.04 0.64 0.00	63.05 0.78 0.00	125.01 1.86 0.00	105.77 1.84 0.00	54.92 1.00 0.00
AMERICAN_REF_FUEL 24010	26.19 0.99 0.00	22.31 0.49 0.00	21.14 0.49 0.00	17.40 0.28 0.00	17.18 0.10 0.00	19.49 0.37 0.00	26.21 0.61 0.00	24.92 0.09 0.00	30.17 0.02 0.00	29.31 0.04 0.00	36.17 0.22 0.00	38.40 -0.61 0.00	38.94 0.00 0.00	56.60 0.30 0.00	135.65 -0.81 0.00	72.03 -0.65 0.00	91.58 -1.89 0.00	72.95 -1.18 0.00	86.04 -2.08 0.00	84.64 -1.76 0.00	61.30 -0.98 0.00	122.99 -0.15 0.00	105.32 1.39 0.00	55.35 1.44 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.08 1.88 0.00	23.17 1.35 0.00	21.87 1.22 0.00	17.95 0.84 0.00	17.81 0.73 0.00	20.22 1.09 0.00	27.23 1.63 0.00	26.10 1.27 0.00	31.83 1.69 0.00	31.19 1.91 0.00	38.71 2.76 0.00	41.28 2.27 0.00	41.87 2.94 0.00	60.91 4.62 0.00	146.57 10.12 0.00	77.92 5.24 0.00	99.35 5.89 0.00	78.58 4.46 0.00	92.83 4.72 0.00	90.80 4.40 0.00	65.81 3.53 0.00	131.23 8.08 0.00	111.68 7.75 0.00	58.13 4.22 0.00
ARTHUR_KILL_GT_1 23520	26.44 1.25 0.00	23.07 1.24 0.00	21.71 1.06 0.00	17.96 0.84 0.00	17.85 0.77 0.00	20.00 0.87 0.00	26.76 1.16 0.00	17.55 1.27 8.55	-220.44 1.61 252.19	-141.62 1.56 172.46	32.13 1.78 5.60	32.15 1.98 8.83	32.24 1.99 8.68	33.36 2.21 25.15	101.82 5.49 40.13	39.42 3.13 36.39	67.50 4.08 30.04	53.36 2.89 23.65	63.16 2.92 27.87	76.92 2.58 12.05	43.26 1.67 20.68	124.93 3.85 2.07	89.75 2.80 16.98	45.65 1.49 9.75
ARTHUR_KILL_2 23512	26.35 1.16 0.00	22.99 1.17 0.00	21.64 1.00 0.00	17.90 0.79 0.00	17.80 0.71 0.00	19.94 0.81 0.00	26.68 1.08 0.00	17.46 1.17 8.55	-220.55 1.50 252.19	-141.74 1.45 172.46	31.99 1.65 5.60	32.00 1.82 8.83	32.08 1.82 8.68	33.09 1.95 25.15	101.14 4.82 40.13	39.04 2.75 36.39	67.00 3.58 30.04	52.97 2.50 23.65	62.72 2.48 27.87	76.49 2.14 12.05	42.95 1.35 20.68	124.32 3.23 2.07	89.25 2.30 16.98	45.42 1.26 9.75
ARTHUR_KILL_3 23513	26.31 1.12 0.00	23.00 1.18 0.00	21.66 1.01 0.00	17.93 0.81 0.00	17.82 0.74 0.00	19.97 0.84 0.00	26.71 1.11 0.00	17.46 1.17 8.54	30.39 1.45 1.20	33.80 1.43 -3.10	37.04 1.60 0.51	34.61 1.80 6.20	34.29 1.79 6.43	35.86 1.95 22.37	103.63 4.89 37.71	39.30 2.86 36.24	66.82 3.81 30.45	52.19 2.93 24.87	63.26 3.02 27.87	76.94 2.59 12.05	43.61 1.56 20.23	124.61 3.52 2.06	89.86 2.65 16.72	46.70 1.34 8.56
ARTHUR_KILL_COGEN 323718	26.44 1.25 0.00	23.07 1.24 0.00	21.71 1.06 0.00	17.96 0.84 0.00	17.85 0.77 0.00	20.00 0.87 0.00	26.76 1.16 0.00	17.55 1.27 8.55	-220.44 1.61 252.19	-141.62 1.56 172.46	32.13 1.78 5.60	32.15 1.98 8.83	32.24 1.99 8.68	33.36 2.21 25.15	101.82 5.49 40.13	39.42 3.13 36.39	67.50 4.08 30.04	53.36 2.89 23.65	63.16 2.92 27.87	76.92 2.58 12.05	43.26 1.67 20.68	124.93 3.85 2.07	89.75 2.80 16.98	45.65 1.49 9.75
ASHOKAN____ 23654	26.25 1.05 0.00	22.85 1.03 0.00	21.58 0.93 0.00	17.87 0.75 0.00	17.76 0.68 0.00	19.96 0.83 0.00	26.72 1.12 0.00	25.99 1.15 0.00	31.42 1.27 0.00	30.36 1.09 0.00	37.06 1.12 0.00	40.20 1.19 0.00	40.31 1.37 0.00	58.39 2.10 0.00	141.62 5.16 0.00	75.84 3.16 0.00	97.82 4.35 0.00	77.70 3.58 0.00	92.81 4.69 0.00	91.30 4.90 0.00	65.76 3.48 0.00	128.03 4.89 0.00	107.76 3.83 0.00	55.70 1.78 0.00

ASTORIA_EAST_ENERGY_CC1 323581	26.58 1.39 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.10 0.98 0.00	17.98 0.90 0.00	20.14 1.01 0.00	26.96 1.36 0.00	34.50 1.42 -8.24	32.13 1.74 -0.24	35.59 1.65 -4.66	37.75 1.80 0.00	41.01 2.00 0.00	41.01 2.07 0.00	58.58 2.29 0.00	142.04 5.58 0.00	75.90 3.22 0.00	97.76 4.30 0.00	77.36 3.24 0.00	91.41 3.30 0.00	89.38 2.99 0.00	64.14 1.86 0.00	127.29 4.14 0.00	107.13 3.20 -0.01	55.61 1.70 0.00
ASTORIA_EAST_ENERGY_CC2 323582	26.58 1.39 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.10 0.98 0.00	17.98 0.90 0.00	20.14 1.01 0.00	26.96 1.36 0.00	34.50 1.42 -8.24	32.13 1.74 -0.24	35.59 1.65 -4.66	37.75 1.80 0.00	41.01 2.00 0.00	41.01 2.07 0.00	58.58 2.29 0.00	142.04 5.58 0.00	75.90 3.22 0.00	97.76 4.30 0.00	77.36 3.24 0.00	91.41 3.30 0.00	89.38 2.99 0.00	64.14 1.86 0.00	127.29 4.14 0.00	107.13 3.20 -0.01	55.61 1.70 0.00
ASTORIA_GT2_1 24094	26.60 1.41 0.00	23.24 1.42 0.00	21.87 1.23 0.00	18.11 0.99 0.00	17.99 0.91 0.00	20.15 1.02 0.00	26.98 1.38 0.00	34.51 1.44 -8.24	32.15 1.76 -0.24	35.61 1.67 -4.66	37.78 1.83 0.00	41.04 2.03 0.00	41.04 2.11 0.00	58.59 2.30 0.00	142.08 5.62 0.00	75.94 3.26 0.00	97.80 4.33 0.00	77.41 3.29 0.00	91.45 3.33 0.00	89.46 3.06 0.00	64.17 1.90 0.00	127.40 4.25 0.00	107.21 3.28 0.00	55.64 1.72 0.00
ASTORIA_GT2_2 24095	26.60 1.41 0.00	23.24 1.42 0.00	21.87 1.23 0.00	18.11 0.99 0.00	17.99 0.91 0.00	20.15 1.02 0.00	26.98 1.38 0.00	34.51 1.44 -8.24	32.15 1.76 -0.24	35.61 1.67 -4.66	37.78 1.83 0.00	41.04 2.03 0.00	41.04 2.11 0.00	58.59 2.30 0.00	142.08 5.62 0.00	75.94 3.26 0.00	97.80 4.33 0.00	77.41 3.29 0.00	91.45 3.33 0.00	89.46 3.06 0.00	64.17 1.90 0.00	127.40 4.25 0.00	107.21 3.28 0.00	55.64 1.72 0.00
ASTORIA_GT2_3 24096	26.60 1.41 0.00	23.24 1.42 0.00	21.87 1.23 0.00	18.11 0.99 0.00	17.99 0.91 0.00	20.15 1.02 0.00	26.98 1.38 0.00	34.51 1.44 -8.24	32.15 1.76 -0.24	35.61 1.67 -4.66	37.78 1.83 0.00	41.04 2.03 0.00	41.04 2.11 0.00	58.59 2.30 0.00	142.08 5.62 0.00	75.94 3.26 0.00	97.80 4.33 0.00	77.41 3.29 0.00	91.45 3.33 0.00	89.46 3.06 0.00	64.17 1.90 0.00	127.40 4.25 0.00	107.21 3.28 0.00	55.64 1.72 0.00
ASTORIA_GT2_4 24097	26.60 1.41 0.00	23.24 1.42 0.00	21.87 1.23 0.00	18.11 0.99 0.00	17.99 0.91 0.00	20.15 1.02 0.00	26.98 1.38 0.00	34.51 1.44 -8.24	32.15 1.76 -0.24	35.61 1.67 -4.66	37.78 1.83 0.00	41.04 2.03 0.00	41.04 2.11 0.00	58.59 2.30 0.00	142.08 5.62 0.00	75.94 3.26 0.00	97.80 4.33 0.00	77.41 3.29 0.00	91.45 3.33 0.00	89.46 3.06 0.00	64.17 1.90 0.00	127.40 4.25 0.00	107.21 3.28 0.00	55.64 1.72 0.00
ASTORIA_GT3_1 24098	26.60 1.41 0.00	23.24 1.42 0.00	21.87 1.23 0.00	18.11 0.99 0.00	17.99 0.91 0.00	20.15 1.02 0.00	26.98 1.38 0.00	34.51 1.44 -8.24	32.15 1.76 -0.24	35.61 1.67 -4.66	37.78 1.83 0.00	41.04 2.03 0.00	41.04 2.11 0.00	58.59 2.30 0.00	142.08 5.62 0.00	75.94 3.26 0.00	97.80 4.33 0.00	77.41 3.29 0.00	91.45 3.33 0.00	89.46 3.06 0.00	64.17 1.90 0.00	127.40 4.25 0.00	107.21 3.28 0.00	55.64 1.72 0.00
ASTORIA_GT3_2 24099	26.60 1.41 0.00	23.24 1.42 0.00	21.87 1.23 0.00	18.11 0.99 0.00	17.99 0.91 0.00	20.15 1.02 0.00	26.98 1.38 0.00	34.51 1.44 -8.24	32.15 1.76 -0.24	35.61 1.67 -4.66	37.78 1.83 0.00	41.04 2.03 0.00	41.04 2.11 0.00	58.59 2.30 0.00	142.08 5.62 0.00	75.94 3.26 0.00	97.80 4.33 0.00	77.41 3.29 0.00	91.45 3.33 0.00	89.46 3.06 0.00	64.17 1.90 0.00	127.40 4.25 0.00	107.21 3.28 0.00	55.64 1.72 0.00
ASTORIA_GT3_3 24100	26.60 1.41 0.00	23.24 1.42 0.00	21.87 1.23 0.00	18.11 0.99 0.00	17.99 0.91 0.00	20.15 1.02 0.00	26.98 1.38 0.00	34.51 1.44 -8.24	32.15 1.76 -0.24	35.61 1.67 -4.66	37.78 1.83 0.00	41.04 2.03 0.00	41.04 2.11 0.00	58.59 2.30 0.00	142.08 5.62 0.00	75.94 3.26 0.00	97.80 4.33 0.00	77.41 3.29 0.00	91.45 3.33 0.00	89.46 3.06 0.00	64.17 1.90 0.00	127.40 4.25 0.00	107.21 3.28 0.00	55.64 1.72 0.00
ASTORIA_GT3_4 24101	26.60 1.41 0.00	23.24 1.42 0.00	21.87 1.23 0.00	18.11 0.99 0.00	17.99 0.91 0.00	20.15 1.02 0.00	26.98 1.38 0.00	34.51 1.44 -8.24	32.15 1.76 -0.24	35.61 1.67 -4.66	37.78 1.83 0.00	41.04 2.03 0.00	41.04 2.11 0.00	58.59 2.30 0.00	142.08 5.62 0.00	75.94 3.26 0.00	97.80 4.33 0.00	77.41 3.29 0.00	91.45 3.33 0.00	89.46 3.06 0.00	64.17 1.90 0.00	127.40 4.25 0.00	107.21 3.28 0.00	55.64 1.72 0.00
ASTORIA_GT4_1 24102	26.60 1.41 0.00	23.24 1.42 0.00	21.87 1.23 0.00	18.11 0.99 0.00	17.99 0.91 0.00	20.15 1.02 0.00	26.98 1.38 0.00	34.51 1.44 -8.24	32.15 1.76 -0.24	35.61 1.67 -4.66	37.78 1.83 0.00	41.04 2.03 0.00	41.04 2.11 0.00	58.59 2.30 0.00	142.08 5.62 0.00	75.94 3.26 0.00	97.80 4.33 0.00	77.41 3.29 0.00	91.45 3.33 0.00	89.46 3.06 0.00	64.17 1.90 0.00	127.40 4.25 0.00	107.21 3.28 0.00	55.64 1.72 0.00
ASTORIA_GT4_2 24103	26.60 1.41 0.00	23.24 1.42 0.00	21.87 1.23 0.00	18.11 0.99 0.00	17.99 0.91 0.00	20.15 1.02 0.00	26.98 1.38 0.00	34.51 1.44 -8.24	32.15 1.76 -0.24	35.61 1.67 -4.66	37.78 1.83 0.00	41.04 2.03 0.00	41.04 2.11 0.00	58.59 2.30 0.00	142.08 5.62 0.00	75.94 3.26 0.00	97.80 4.33 0.00	77.41 3.29 0.00	91.45 3.33 0.00	89.46 3.06 0.00	64.17 1.90 0.00	127.40 4.25 0.00	107.21 3.28 0.00	55.64 1.72 0.00
ASTORIA_GT4_3 24104	26.60 1.41 0.00	23.24 1.42 0.00	21.87 1.23 0.00	18.11 0.99 0.00	17.99 0.91 0.00	20.15 1.02 0.00	26.98 1.38 0.00	34.51 1.44 -8.24	32.15 1.76 -0.24	35.61 1.67 -4.66	37.78 1.83 0.00	41.04 2.03 0.00	41.04 2.11 0.00	58.59 2.30 0.00	142.08 5.62 0.00	75.94 3.26 0.00	97.80 4.33 0.00	77.41 3.29 0.00	91.45 3.33 0.00	89.46 3.06 0.00	64.17 1.90 0.00	127.40 4.25 0.00	107.21 3.28 0.00	55.64 1.72 0.00
ASTORIA_GT4_4 24105	26.60 1.41 0.00	23.24 1.42 0.00	21.87 1.23 0.00	18.11 0.99 0.00	17.99 0.91 0.00	20.15 1.02 0.00	26.98 1.38 0.00	34.51 1.44 -8.24	32.15 1.76 -0.24	35.61 1.67 -4.66	37.78 1.83 0.00	41.04 2.03 0.00	41.04 2.11 0.00	58.59 2.30 0.00	142.08 5.62 0.00	75.94 3.26 0.00	97.80 4.33 0.00	77.41 3.29 0.00	91.45 3.33 0.00	89.46 3.06 0.00	64.17 1.90 0.00	127.40 4.25 0.00	107.21 3.28 0.00	55.64 1.72 0.00
ASTORIA_GT_1 23523	26.66 1.46 0.00	23.29 1.46 0.00	21.91 1.27 0.00	18.14 1.02 0.00	18.02 0.94 0.00	20.19 1.06 0.00	27.04 1.44 0.00	34.57 1.49 -8.24	32.23 1.84 -0.24	35.69 1.75 -4.66	37.88 1.93 0.00	41.15 2.14 0.00	41.16 2.22 0.00	58.79 2.50 0.00	142.47 6.01 0.00	76.16 3.48 0.00	98.10 4.63 0.00	77.64 3.51 0.00	91.71 3.59 0.00	89.71 3.32 0.00	64.35 2.08 0.00	127.70 4.56 0.00	107.50 3.57 -0.01	55.78 1.87 0.00

ASTORIA_GT_10 24110	26.51 1.32 0.00	23.16 1.34 0.00	21.81 1.17 0.00	18.05 0.94 0.00	17.95 0.87 0.00	20.08 0.96 0.00	26.89 1.29 0.00	34.45 1.37 -8.24	32.10 1.72 -0.24	35.59 1.65 -4.66	37.80 1.85 0.00	41.06 2.05 0.00	41.00 2.06 0.00	58.52 2.22 0.00	141.96 5.50 0.00	75.82 3.15 0.00	97.66 4.20 0.00	77.27 3.15 0.00	91.33 3.22 0.00	89.27 2.87 0.00	64.02 1.75 0.00	127.16 4.01 0.00	106.89 2.96 0.00	55.50 1.58 0.00
ASTORIA_GT_11 24225	26.51 1.32 0.00	23.16 1.34 0.00	21.81 1.17 0.00	18.05 0.94 0.00	17.95 0.87 0.00	20.08 0.96 0.00	26.89 1.29 0.00	34.45 1.37 -8.24	32.10 1.72 -0.24	35.59 1.65 -4.66	37.80 1.85 0.00	41.06 2.05 0.00	41.00 2.06 0.00	58.52 2.22 0.00	141.96 5.50 0.00	75.82 3.15 0.00	97.66 4.20 0.00	77.27 3.15 0.00	91.33 3.22 0.00	89.27 2.87 0.00	64.02 1.75 0.00	127.16 4.01 0.00	106.89 2.96 0.00	55.50 1.58 0.00
ASTORIA_GT_12 24226	26.51 1.32 0.00	23.16 1.34 0.00	21.81 1.17 0.00	18.05 0.94 0.00	17.95 0.86 0.00	20.08 0.96 0.00	26.89 1.29 0.00	34.45 1.37 -8.24	32.10 1.72 -0.24	35.58 1.65 -4.66	37.80 1.85 0.00	41.06 2.05 0.00	40.99 2.06 0.00	58.53 2.23 0.00	141.96 5.50 0.00	75.82 3.15 0.00	97.66 4.20 0.00	77.28 3.15 0.00	91.33 3.22 0.00	89.27 2.87 0.00	64.03 1.76 0.00	127.16 4.01 0.00	106.91 2.98 0.00	55.50 1.59 0.00
ASTORIA_GT_13 24227	26.51 1.32 0.00	23.16 1.34 0.00	21.81 1.17 0.00	18.05 0.94 0.00	17.95 0.86 0.00	20.08 0.96 0.00	26.89 1.29 0.00	34.45 1.37 -8.24	32.10 1.72 -0.24	35.58 1.65 -4.66	37.80 1.85 0.00	41.06 2.05 0.00	40.99 2.06 0.00	58.53 2.23 0.00	141.96 5.50 0.00	75.82 3.15 0.00	97.66 4.20 0.00	77.28 3.15 0.00	91.33 3.22 0.00	89.27 2.87 0.00	64.03 1.76 0.00	127.16 4.01 0.00	106.91 2.98 0.00	55.50 1.59 0.00
ASTORIA_GT_5 24106	26.66 1.46 0.00	23.29 1.46 0.00	21.91 1.27 0.00	18.14 1.02 0.00	18.02 0.94 0.00	20.19 1.06 0.00	27.04 1.44 0.00	34.57 1.49 -8.24	32.23 1.84 -0.24	35.69 1.75 -4.66	37.88 1.93 0.00	41.15 2.14 0.00	41.16 2.22 0.00	58.79 2.50 0.00	142.47 6.01 0.00	76.16 3.48 0.00	98.10 4.63 0.00	77.64 3.51 0.00	91.71 3.59 0.00	89.71 3.32 0.00	64.35 2.08 0.00	127.70 4.56 0.00	107.50 3.57 -0.01	55.78 1.87 0.00
ASTORIA_GT_7 24107	26.66 1.46 0.00	23.29 1.46 0.00	21.91 1.27 0.00	18.14 1.02 0.00	18.02 0.94 0.00	20.19 1.06 0.00	27.04 1.44 0.00	34.57 1.49 -8.24	32.23 1.84 -0.24	35.69 1.75 -4.66	37.88 1.93 0.00	41.15 2.14 0.00	41.16 2.22 0.00	58.79 2.50 0.00	142.47 6.01 0.00	76.16 3.48 0.00	98.10 4.63 0.00	77.64 3.51 0.00	91.71 3.59 0.00	89.71 3.32 0.00	64.35 2.08 0.00	127.70 4.56 0.00	107.50 3.57 -0.01	55.78 1.87 0.00
ASTORIA_GT_8 24108	26.66 1.46 0.00	23.29 1.46 0.00	21.91 1.27 0.00	18.14 1.03 0.00	18.03 0.95 0.00	20.19 1.06 0.00	27.04 1.44 0.00	34.57 1.49 -8.24	32.23 1.84 -0.24	35.68 1.75 -4.66	37.88 1.94 0.00	41.16 2.15 0.00	41.16 2.22 0.00	58.77 2.47 0.00	142.47 6.02 0.00	76.16 3.48 0.00	98.11 4.64 0.00	77.64 3.51 0.00	91.70 3.58 0.00	89.71 3.32 0.00	64.34 2.07 0.00	127.71 4.56 0.00	107.49 3.56 0.00	55.77 1.86 0.00
ASTORIA___2 24149	26.60 1.41 0.00	23.24 1.41 0.00	21.87 1.22 0.00	18.10 0.99 0.00	17.99 0.91 0.00	20.15 1.02 0.00	26.98 1.38 0.00	34.51 1.43 -8.24	32.14 1.76 -0.24	35.61 1.68 -4.66	37.77 1.83 0.00	41.03 2.03 0.00	41.04 2.11 0.00	58.61 2.32 0.00	142.07 5.61 0.00	75.94 3.26 0.00	97.81 4.34 0.00	77.41 3.29 0.00	91.46 3.34 0.00	89.46 3.06 0.00	64.18 1.90 0.00	127.40 4.25 0.00	107.22 3.28 -0.01	55.64 1.73 0.00
ASTORIA___3 23516	26.51 1.32 0.00	23.16 1.34 0.00	21.81 1.17 0.00	18.05 0.94 0.00	17.95 0.86 0.00	20.08 0.96 0.00	26.89 1.29 0.00	34.45 1.37 -8.24	32.10 1.72 -0.24	35.58 1.65 -4.66	37.80 1.85 0.00	41.05 2.04 0.00	40.99 2.06 0.00	58.53 2.23 0.00	141.96 5.50 0.00	75.82 3.15 0.00	97.65 4.19 0.00	77.27 3.15 0.00	91.33 3.22 0.00	89.27 2.87 0.00	64.03 1.76 0.00	127.15 4.00 0.00	106.91 2.98 0.00	55.50 1.58 0.00
ASTORIA___4 23517	26.51 1.32 0.00	23.16 1.34 0.00	21.81 1.17 0.00	18.05 0.94 0.00	17.95 0.87 0.00	20.08 0.96 0.00	26.89 1.29 0.00	34.45 1.37 -8.24	32.10 1.72 -0.24	35.59 1.65 -4.66	37.80 1.85 0.00	41.05 2.04 0.00	41.00 2.06 0.00	58.52 2.22 0.00	141.95 5.50 0.00	75.82 3.15 0.00	97.66 4.20 0.00	77.27 3.15 0.00	91.33 3.22 0.00	89.27 2.87 0.00	64.02 1.75 0.00	127.15 4.00 0.00	106.89 2.96 0.00	55.50 1.58 0.00
ASTORIA___5 23518	26.51 1.32 0.00	23.16 1.34 0.00	21.81 1.17 0.00	18.05 0.94 0.00	17.95 0.86 0.00	20.08 0.96 0.00	26.89 1.29 0.00	34.45 1.37 -8.24	32.10 1.72 -0.24	35.58 1.65 -4.66	37.80 1.85 0.00	41.06 2.05 0.00	40.99 2.06 0.00	58.53 2.23 0.00	141.96 5.50 0.00	75.82 3.15 0.00	97.66 4.20 0.00	77.28 3.15 0.00	91.33 3.22 0.00	89.27 2.87 0.00	64.03 1.76 0.00	127.16 4.01 0.00	106.91 2.98 0.00	55.50 1.59 0.00
AST_ENERGY_2_CC3 323677	26.44 1.24 0.00	23.10 1.28 0.00	21.77 1.13 0.00	18.02 0.90 0.00	17.91 0.83 0.00	20.06 0.93 0.00	26.83 1.23 0.00	34.37 1.29 -8.24	31.98 1.60 -0.24	35.51 1.57 -4.66	37.73 1.78 0.00	41.02 2.02 0.00	40.94 2.00 0.00	58.54 2.24 0.00	142.05 5.59 0.00	75.94 3.26 0.00	97.79 4.32 0.00	77.44 3.32 0.00	91.58 3.47 0.00	89.42 3.02 0.00	64.13 1.85 0.00	127.31 4.16 0.00	107.10 3.16 0.00	55.54 1.63 0.00
AST_ENERGY_2_CC4 323678	26.44 1.24 0.00	23.10 1.28 0.00	21.77 1.13 0.00	18.02 0.90 0.00	17.91 0.83 0.00	20.06 0.93 0.00	26.83 1.23 0.00	34.37 1.29 -8.24	31.98 1.60 -0.24	35.51 1.57 -4.66	37.73 1.78 0.00	41.02 2.02 0.00	40.94 2.00 0.00	58.54 2.24 0.00	142.05 5.59 0.00	75.94 3.26 0.00	97.79 4.32 0.00	77.44 3.32 0.00	91.58 3.47 0.00	89.42 3.02 0.00	64.13 1.85 0.00	127.31 4.16 0.00	107.10 3.16 0.00	55.54 1.63 0.00
ATHENS_STG_1 23668	25.86 0.67 0.00	22.57 0.74 0.00	21.34 0.69 0.00	17.67 0.55 0.00	17.59 0.50 0.00	19.70 0.57 0.00	26.32 0.71 0.00	27.72 0.68 -2.20	31.04 0.83 -0.06	31.27 0.75 -1.25	36.67 0.73 0.00	39.74 0.73 0.00	39.58 0.64 0.00	56.81 0.52 0.00	138.09 1.63 0.00	73.73 1.06 0.00	94.98 1.51 0.00	75.31 1.19 0.00	89.47 1.36 0.00	87.63 1.23 0.00	63.08 0.80 0.00	125.02 1.88 0.00	105.75 1.82 0.00	55.01 1.10 0.00
ATHENS_STG_2 23670	25.86 0.67 0.00	22.57 0.74 0.00	21.34 0.69 0.00	17.67 0.55 0.00	17.59 0.50 0.00	19.70 0.57 0.00	26.32 0.71 0.00	27.72 0.68 -2.20	31.04 0.83 -0.06	31.27 0.75 -1.25	36.67 0.73 0.00	39.74 0.73 0.00	39.58 0.64 0.00	56.81 0.52 0.00	138.09 1.63 0.00	73.73 1.06 0.00	94.98 1.51 0.00	75.31 1.19 0.00	89.47 1.36 0.00	87.63 1.23 0.00	63.08 0.80 0.00	125.02 1.88 0.00	105.75 1.82 0.00	55.01 1.10 0.00

ATHENS_STG_3 23677	25.86 0.67 0.00	22.57 0.74 0.00	21.34 0.69 0.00	17.67 0.55 0.00	17.59 0.50 0.00	19.70 0.57 0.00	26.32 0.71 0.00	27.72 0.68 -2.20	31.04 0.83 -0.06	31.27 0.75 -1.25	36.67 0.73 0.00	39.74 0.73 0.00	39.58 0.64 0.00	56.81 0.52 0.00	138.09 1.63 0.00	73.73 1.06 0.00	94.98 1.51 0.00	75.31 1.19 0.00	89.47 1.36 0.00	87.63 1.23 0.00	63.08 0.80 0.00	125.02 1.88 0.00	105.75 1.82 0.00	55.01 1.10 0.00
AUBURN____LFGE 323710	25.77 0.57 0.00	22.29 0.46 0.00	21.07 0.42 0.00	17.49 0.37 0.00	17.46 0.37 0.00	19.62 0.50 0.00	26.27 0.67 0.00	25.44 0.60 0.00	30.87 0.73 0.00	29.93 0.66 0.00	36.78 0.83 0.00	39.97 0.95 0.00	40.48 1.02 -0.52	63.50 1.74 -5.46	147.63 4.26 -6.92	82.30 2.36 -7.26	101.82 2.77 -5.59	81.99 2.20 -5.67	97.42 2.68 -6.62	95.60 2.76 -6.44	70.56 2.10 -6.19	133.44 4.39 -5.90	110.85 3.22 -3.71	58.33 1.67 -2.74
BABYLON_RES_REC 323704	26.82 1.62 0.00	23.39 1.57 0.00	22.15 1.50 0.00	18.40 1.29 0.00	18.28 1.20 0.00	20.23 1.11 0.00	26.86 1.26 0.00	34.28 1.29 -8.15	31.96 1.58 -0.24	35.53 1.65 -4.61	38.18 2.10 -0.13	44.05 2.63 -2.41	50.43 2.53 -8.97	58.51 2.20 0.00	142.20 5.75 0.00	76.35 3.67 0.00	100.78 5.12 -2.19	86.51 4.18 -8.21	98.34 4.23 -6.00	90.88 3.87 -0.61	65.19 2.88 -0.04	128.77 5.62 0.00	108.38 4.45 0.00	56.87 2.95 0.00
BABYLON__69_KV_BK2 356345	27.13 1.94 0.00	23.65 1.83 0.00	22.41 1.76 0.00	18.62 1.50 0.00	18.48 1.40 0.00	20.55 1.43 0.00	27.33 1.73 0.00	34.80 1.81 -8.15	32.69 2.31 -0.24	36.28 2.40 -4.61	39.17 3.09 -0.13	45.18 3.75 -2.41	51.69 3.78 -8.97	60.18 3.87 -0.03	145.99 9.53 0.00	78.21 5.53 0.00	109.09 7.53 -8.10	108.69 6.04 -28.52	117.07 6.38 -22.57	97.14 5.99 -4.75	66.63 4.23 -0.13	130.98 7.83 0.00	109.50 5.57 0.00	57.53 3.62 0.00
BARON_WINDS____WT_PWR 323822	26.27 1.08 0.00	22.61 0.79 0.00	21.32 0.67 0.00	17.54 0.42 0.00	17.43 0.35 0.00	19.69 0.57 0.00	26.37 0.77 0.00	25.42 0.58 0.00	30.91 0.77 0.00	30.19 0.91 0.00	37.24 1.29 0.00	39.82 0.82 0.00	40.33 1.27 -0.12	59.54 2.02 -1.22	142.16 4.16 -1.55	76.50 2.19 -1.63	96.98 2.26 -1.25	77.06 1.67 -1.27	91.16 1.57 -1.48	89.29 1.45 -1.44	64.93 1.27 -1.39	127.91 3.44 -1.32	108.39 3.63 -0.83	56.62 2.09 -0.62
BARRETT_IC_1 23704	26.59 1.40 0.00	23.22 1.39 0.00	21.94 1.30 0.00	18.21 1.09 0.00	18.08 1.00 0.00	20.15 1.03 0.00	26.72 1.12 0.00	34.11 1.12 -8.15	31.84 1.46 -0.24	35.35 1.47 -4.61	37.92 1.85 -0.13	43.63 2.20 -2.41	49.93 2.02 -8.97	58.05 1.76 0.00	141.41 4.96 0.00	75.80 3.12 0.00	97.83 4.37 0.00	78.34 3.50 -0.72	92.65 3.40 -1.13	89.43 3.04 0.00	64.31 2.03 0.00	127.30 4.15 0.00	107.10 3.18 0.00	56.21 2.30 0.00
BARRETT_IC_10 23701	26.59 1.40 0.00	23.22 1.39 0.00	21.94 1.30 0.00	18.21 1.09 0.00	18.08 1.00 0.00	20.15 1.03 0.00	26.72 1.12 0.00	34.11 1.12 -8.15	31.84 1.46 -0.24	35.35 1.47 -4.61	37.92 1.85 -0.13	43.63 2.20 -2.41	49.93 2.02 -8.97	58.05 1.76 0.00	141.41 4.96 0.00	75.80 3.12 0.00	97.83 4.37 0.00	78.34 3.50 -0.72	92.65 3.40 -1.13	89.43 3.04 0.00	64.31 2.03 0.00	127.30 4.15 0.00	107.10 3.18 0.00	56.21 2.30 0.00
BARRETT_IC_11 23702	26.59 1.40 0.00	23.22 1.39 0.00	21.94 1.30 0.00	18.21 1.09 0.00	18.08 1.00 0.00	20.15 1.03 0.00	26.72 1.12 0.00	34.11 1.12 -8.15	31.84 1.46 -0.24	35.35 1.47 -4.61	37.92 1.85 -0.13	43.63 2.20 -2.41	49.93 2.02 -8.97	58.05 1.76 0.00	141.41 4.96 0.00	75.80 3.12 0.00	97.83 4.37 0.00	78.34 3.50 -0.72	92.65 3.40 -1.13	89.43 3.04 0.00	64.31 2.03 0.00	127.30 4.15 0.00	107.10 3.18 0.00	56.21 2.30 0.00
BARRETT_IC_12 23703	26.59 1.40 0.00	23.22 1.39 0.00	21.94 1.30 0.00	18.21 1.09 0.00	18.08 1.00 0.00	20.15 1.03 0.00	26.72 1.12 0.00	34.11 1.12 -8.15	31.84 1.46 -0.24	35.35 1.47 -4.61	37.92 1.85 -0.13	43.63 2.20 -2.41	49.93 2.02 -8.97	58.05 1.76 0.00	141.41 4.96 0.00	75.80 3.12 0.00	97.83 4.37 0.00	78.34 3.50 -0.72	92.65 3.40 -1.13	89.43 3.04 0.00	64.31 2.03 0.00	127.30 4.15 0.00	107.10 3.18 0.00	56.21 2.30 0.00
BARRETT_IC_2 23705	26.59 1.40 0.00	23.22 1.39 0.00	21.94 1.30 0.00	18.21 1.09 0.00	18.08 1.00 0.00	20.15 1.03 0.00	26.72 1.12 0.00	34.11 1.12 -8.15	31.84 1.46 -0.24	35.35 1.47 -4.61	37.92 1.85 -0.13	43.63 2.20 -2.41	49.93 2.02 -8.97	58.05 1.76 0.00	141.41 4.96 0.00	75.80 3.12 0.00	97.83 4.37 0.00	78.34 3.50 -0.72	92.65 3.40 -1.13	89.43 3.04 0.00	64.31 2.03 0.00	127.30 4.15 0.00	107.10 3.18 0.00	56.21 2.30 0.00
BARRETT_IC_3 23706	26.59 1.40 0.00	23.22 1.39 0.00	21.94 1.30 0.00	18.21 1.09 0.00	18.08 1.00 0.00	20.15 1.03 0.00	26.72 1.12 0.00	34.11 1.12 -8.15	31.84 1.46 -0.24	35.35 1.47 -4.61	37.92 1.85 -0.13	43.63 2.20 -2.41	49.93 2.02 -8.97	58.05 1.76 0.00	141.41 4.96 0.00	75.80 3.12 0.00	97.83 4.37 0.00	78.34 3.50 -0.72	92.65 3.40 -1.13	89.43 3.04 0.00	64.31 2.03 0.00	127.30 4.15 0.00	107.10 3.18 0.00	56.21 2.30 0.00
BARRETT_IC_4 23707	26.59 1.40 0.00	23.22 1.39 0.00	21.94 1.30 0.00	18.21 1.09 0.00	18.08 1.00 0.00	20.15 1.03 0.00	26.72 1.12 0.00	34.11 1.12 -8.15	31.84 1.46 -0.24	35.35 1.47 -4.61	37.92 1.85 -0.13	43.63 2.20 -2.41	49.93 2.02 -8.97	58.05 1.76 0.00	141.41 4.96 0.00	75.80 3.12 0.00	97.83 4.37 0.00	78.34 3.50 -0.72	92.65 3.40 -1.13	89.43 3.04 0.00	64.31 2.03 0.00	127.30 4.15 0.00	107.10 3.18 0.00	56.21 2.30 0.00
BARRETT_IC_5 23708	26.59 1.40 0.00	23.22 1.39 0.00	21.94 1.30 0.00	18.21 1.09 0.00	18.08 1.00 0.00	20.15 1.03 0.00	26.72 1.12 0.00	34.11 1.12 -8.15	31.84 1.46 -0.24	35.35 1.47 -4.61	37.92 1.85 -0.13	43.63 2.20 -2.41	49.93 2.02 -8.97	58.05 1.76 0.00	141.41 4.96 0.00	75.80 3.12 0.00	97.83 4.37 0.00	78.34 3.50 -0.72	92.65 3.40 -1.13	89.43 3.04 0.00	64.31 2.03 0.00	127.30 4.15 0.00	107.10 3.18 0.00	56.21 2.30 0.00
BARRETT_IC_6 23709	26.59 1.40 0.00	23.22 1.39 0.00	21.94 1.30 0.00	18.21 1.09 0.00	18.08 1.00 0.00	20.15 1.03 0.00	26.72 1.12 0.00	34.11 1.12 -8.15	31.84 1.46 -0.24	35.35 1.47 -4.61	37.92 1.85 -0.13	43.63 2.20 -2.41	49.93 2.02 -8.97	58.05 1.76 0.00	141.41 4.96 0.00	75.80 3.12 0.00	97.83 4.37 0.00	78.34 3.50 -0.72	92.65 3.40 -1.13	89.43 3.04 0.00	64.31 2.03 0.00	127.30 4.15 0.00	107.10 3.18 0.00	56.21 2.30 0.00
BARRETT_IC_7 23710	26.59 1.40 0.00	23.22 1.40 0.00	21.94 1.30 0.00	18.21 1.09 0.00	18.08 1.00 0.00	20.16 1.03 0.00	26.72 1.12 0.00	34.11 1.12 -8.15	31.84 1.46 -0.24	35.35 1.47 -4.61	37.92 1.85 -0.13	43.63 2.20 -2.41	49.93 2.02 -8.97	58.04 1.74 0.00	141.36 4.90 0.00	75.80 3.12 0.00	97.82 4.35 0.00	78.32 3.48 -0.72	92.64 3.40 -1.13	89.44 3.04 0.00	64.29 2.02 0.00	127.30 4.16 0.00	107.10 3.18 0.00	56.21 2.30 0.00

BARRETT_IC_8 23711	26.59 1.40 0.00	23.22 1.39 0.00	21.94 1.30 0.00	18.21 1.09 0.00	18.08 1.00 0.00	20.15 1.03 0.00	26.72 1.12 0.00	34.11 1.12 -8.15	31.84 1.46 -0.24	35.35 1.47 -4.61	37.92 1.85 -0.13	43.63 2.20 -2.41	49.93 2.02 -8.97	58.05 1.76 0.00	141.41 4.96 0.00	75.80 3.12 0.00	97.83 4.37 0.00	78.34 3.50 -0.72	92.65 3.40 -1.13	89.43 3.04 0.00	64.31 2.03 0.00	127.30 4.15 0.00	107.10 3.18 0.00	56.21 2.30 0.00
BARRETT_IC_9 23700	26.59 1.40 0.00	23.22 1.39 0.00	21.94 1.30 0.00	18.21 1.09 0.00	18.08 1.00 0.00	20.15 1.03 0.00	26.72 1.12 0.00	34.11 1.12 -8.15	31.84 1.46 -0.24	35.35 1.47 -4.61	37.92 1.85 -0.13	43.63 2.20 -2.41	49.93 2.02 -8.97	58.05 1.76 0.00	141.41 4.96 0.00	75.80 3.12 0.00	97.83 4.37 0.00	78.34 3.50 -0.72	92.65 3.40 -1.13	89.43 3.04 0.00	64.31 2.03 0.00	127.30 4.15 0.00	107.10 3.18 0.00	56.21 2.30 0.00
BARRETT___1 23545	26.59 1.40 0.00	23.22 1.39 0.00	21.94 1.30 0.00	18.21 1.09 0.00	18.08 1.00 0.00	20.15 1.03 0.00	26.72 1.12 0.00	34.11 1.12 -8.15	31.84 1.46 -0.24	35.35 1.47 -4.61	37.92 1.85 -0.13	43.63 2.20 -2.41	49.93 2.02 -8.97	58.05 1.76 0.00	141.41 4.96 0.00	75.80 3.12 0.00	97.83 4.37 0.00	78.34 3.50 -0.72	92.65 3.40 -1.13	89.43 3.04 0.00	64.31 2.03 0.00	127.30 4.15 0.00	107.10 3.18 0.00	56.21 2.30 0.00
BARRETT___2 23546	26.59 1.40 0.00	23.22 1.39 0.00	21.94 1.30 0.00	18.21 1.09 0.00	18.08 1.00 0.00	20.15 1.03 0.00	26.72 1.12 0.00	34.11 1.12 -8.15	31.84 1.46 -0.24	35.35 1.47 -4.61	37.92 1.85 -0.13	43.63 2.20 -2.41	49.93 2.02 -8.97	58.05 1.76 0.00	141.41 4.96 0.00	75.80 3.12 0.00	97.83 4.37 0.00	78.34 3.50 -0.72	92.65 3.40 -1.13	89.43 3.04 0.00	64.31 2.03 0.00	127.30 4.15 0.00	107.10 3.18 0.00	56.21 2.30 0.00
BATAVIA___115KV_TB1 55881	27.15 1.95 0.00	23.14 1.31 0.00	21.88 1.23 0.00	18.02 0.90 0.00	17.82 0.74 0.00	20.19 1.06 0.00	27.14 1.54 0.00	25.94 1.11 0.00	31.44 1.30 0.00	30.59 1.31 0.00	37.79 1.85 0.00	40.32 1.31 0.00	40.94 2.00 0.00	59.69 3.39 0.00	143.65 7.20 0.00	76.20 3.52 0.00	96.93 3.46 0.00	77.14 3.02 0.00	91.44 3.32 0.00	90.18 3.78 0.00	65.27 2.99 0.00	130.38 7.23 0.00	110.81 6.88 0.00	57.80 3.88 0.00
BAYONEEC___CTG1 323682	26.45 1.25 0.00	23.11 1.29 0.00	21.77 1.13 0.00	18.02 0.90 0.00	17.91 0.83 0.00	20.07 0.94 0.00	26.85 1.25 0.00	34.39 1.31 -8.24	31.99 1.61 -0.24	35.52 1.58 -4.66	37.33 1.79 0.40	35.44 2.02 5.58	35.44 2.01 5.51	36.44 2.25 22.10	104.53 5.65 37.57	40.17 3.26 35.77	72.54 4.36 25.29	52.58 3.33 24.87	63.71 3.47 27.87	77.37 3.02 12.05	43.90 1.85 20.23	125.23 4.13 2.05	91.02 3.16 16.07	48.24 1.63 7.30
BAYONEEC___CTG10 323750	26.45 1.25 0.00	23.11 1.29 0.00	21.77 1.13 0.00	18.02 0.90 0.00	17.91 0.83 0.00	20.07 0.94 0.00	26.85 1.25 0.00	34.39 1.31 -8.24	31.99 1.61 -0.24	35.52 1.58 -4.66	37.33 1.79 0.40	35.44 2.02 5.58	35.44 2.01 5.51	36.44 2.25 22.10	104.53 5.65 37.57	40.17 3.26 35.77	72.54 4.36 25.29	52.58 3.33 24.87	63.71 3.47 27.87	77.37 3.02 12.05	43.90 1.85 20.23	125.23 4.13 2.05	91.02 3.16 16.07	48.24 1.63 7.30
BAYONEEC___CTG2 323683	26.45 1.25 0.00	23.11 1.29 0.00	21.77 1.13 0.00	18.02 0.90 0.00	17.91 0.83 0.00	20.07 0.94 0.00	26.85 1.25 0.00	34.39 1.31 -8.24	31.99 1.61 -0.24	35.52 1.58 -4.66	37.33 1.79 0.40	35.44 2.02 5.58	35.44 2.01 5.51	36.44 2.25 22.10	104.53 5.65 37.57	40.17 3.26 35.77	72.54 4.36 25.29	52.58 3.33 24.87	63.71 3.47 27.87	77.37 3.02 12.05	43.90 1.85 20.23	125.23 4.13 2.05	91.02 3.16 16.07	48.24 1.63 7.30
BAYONEEC___CTG3 323684	26.45 1.25 0.00	23.11 1.29 0.00	21.77 1.13 0.00	18.02 0.90 0.00	17.91 0.83 0.00	20.07 0.94 0.00	26.85 1.25 0.00	34.39 1.31 -8.24	31.99 1.61 -0.24	35.52 1.58 -4.66	37.33 1.79 0.40	35.44 2.02 5.58	35.44 2.01 5.51	36.44 2.25 22.10	104.53 5.65 37.57	40.17 3.26 35.77	72.54 4.36 25.29	52.58 3.33 24.87	63.71 3.47 27.87	77.37 3.02 12.05	43.90 1.85 20.23	125.23 4.13 2.05	91.02 3.16 16.07	48.24 1.63 7.30
BAYONEEC___CTG4 323685	26.45 1.25 0.00	23.11 1.29 0.00	21.77 1.13 0.00	18.02 0.90 0.00	17.91 0.83 0.00	20.07 0.94 0.00	26.85 1.25 0.00	34.39 1.31 -8.24	31.99 1.61 -0.24	35.52 1.58 -4.66	37.33 1.79 0.40	35.44 2.02 5.58	35.44 2.01 5.51	36.44 2.25 22.10	104.53 5.65 37.57	40.17 3.26 35.77	72.54 4.36 25.29	52.58 3.33 24.87	63.71 3.47 27.87	77.37 3.02 12.05	43.90 1.85 20.23	125.23 4.13 2.05	91.02 3.16 16.07	48.24 1.63 7.30
BAYONEEC___CTG5 323686	26.45 1.25 0.00	23.11 1.29 0.00	21.77 1.13 0.00	18.02 0.90 0.00	17.91 0.83 0.00	20.07 0.94 0.00	26.85 1.25 0.00	34.39 1.31 -8.24	31.99 1.61 -0.24	35.52 1.58 -4.66	37.33 1.79 0.40	35.44 2.02 5.58	35.44 2.01 5.51	36.44 2.25 22.10	104.53 5.65 37.57	40.17 3.26 35.77	72.54 4.36 25.29	52.58 3.33 24.87	63.71 3.47 27.87	77.37 3.02 12.05	43.90 1.85 20.23	125.23 4.13 2.05	91.02 3.16 16.07	48.24 1.63 7.30
BAYONEEC___CTG6 323687	26.45 1.25 0.00	23.11 1.29 0.00	21.77 1.13 0.00	18.02 0.90 0.00	17.91 0.83 0.00	20.07 0.94 0.00	26.85 1.25 0.00	34.39 1.31 -8.24	31.99 1.61 -0.24	35.52 1.58 -4.66	37.33 1.79 0.40	35.44 2.02 5.58	35.44 2.01 5.51	36.44 2.25 22.10	104.53 5.65 37.57	40.17 3.26 35.77	72.54 4.36 25.29	52.58 3.33 24.87	63.71 3.47 27.87	77.37 3.02 12.05	43.90 1.85 20.23	125.23 4.13 2.05	91.02 3.16 16.07	48.24 1.63 7.30
BAYONEEC___CTG7 323688	26.45 1.25 0.00	23.11 1.29 0.00	21.77 1.13 0.00	18.02 0.90 0.00	17.91 0.83 0.00	20.07 0.94 0.00	26.85 1.25 0.00	34.39 1.31 -8.24	31.99 1.61 -0.24	35.52 1.58 -4.66	37.33 1.79 0.40	35.44 2.02 5.58	35.44 2.01 5.51	36.44 2.25 22.10	104.53 5.65 37.57	40.17 3.26 35.77	72.54 4.36 25.29	52.58 3.33 24.87	63.71 3.47 27.87	77.37 3.02 12.05	43.90 1.85 20.23	125.23 4.13 2.05	91.02 3.16 16.07	48.24 1.63 7.30
BAYONEEC___CTG8 323689	26.45 1.25 0.00	23.11 1.29 0.00	21.77 1.13 0.00	18.02 0.90 0.00	17.91 0.83 0.00	20.07 0.94 0.00	26.85 1.25 0.00	34.39 1.31 -8.24	31.99 1.61 -0.24	35.52 1.58 -4.66	37.33 1.79 0.40	35.44 2.02 5.58	35.44 2.01 5.51	36.44 2.25 22.10	104.53 5.65 37.57	40.17 3.26 35.77	72.54 4.36 25.29	52.58 3.33 24.87	63.71 3.47 27.87	77.37 3.02 12.05	43.90 1.85 20.23	125.23 4.13 2.05	91.02 3.16 16.07	48.24 1.63 7.30
BAYONEEC___CTG9 323749	26.45 1.25 0.00	23.11 1.29 0.00	21.77 1.13 0.00	18.02 0.90 0.00	17.91 0.83 0.00	20.07 0.94 0.00	26.85 1.25 0.00	34.39 1.31 -8.24	31.99 1.61 -0.24	35.52 1.58 -4.66	37.33 1.79 0.40	35.44 2.02 5.58	35.44 2.01 5.51	36.44 2.25 22.10	104.53 5.65 37.57	40.17 3.26 35.77	72.54 4.36 25.29	52.58 3.33 24.87	63.71 3.47 27.87	77.37 3.02 12.05	43.90 1.85 20.23	125.23 4.13 2.05	91.02 3.16 16.07	48.24 1.63 7.30

BEACON___LESR 323632	25.83 0.64 0.00	22.54 0.71 0.00	21.32 0.67 0.00	17.64 0.53 0.00	17.56 0.48 0.00	19.74 0.61 0.00	26.43 0.83 0.00	27.56 0.82 -1.90	31.20 1.01 -0.06	31.15 0.80 -1.08	36.69 0.75 0.00	39.75 0.74 0.00	39.68 0.74 0.00	57.23 0.94 0.00	138.87 2.42 0.00	74.12 1.44 0.00	95.29 1.83 0.00	75.89 1.77 0.00	90.23 2.12 0.00	88.43 2.03 0.00	63.63 1.36 0.00	126.15 3.00 0.00	106.27 2.34 0.00	55.09 1.18 0.00
BEAVER RIVER___HYD 24048	24.94 -0.25 0.00	21.32 -0.50 0.00	20.24 -0.41 0.00	16.88 -0.23 0.00	16.87 -0.21 0.00	18.81 -0.31 0.00	25.38 -0.22 0.00	24.77 -0.06 0.00	30.02 -0.12 0.00	29.23 -0.05 0.00	36.13 0.19 0.00	39.28 0.27 0.00	39.54 0.28 -0.32	59.68 0.06 -3.33	140.09 -0.58 -4.21	76.46 -0.64 -4.42	96.53 -0.33 -3.40	78.14 0.56 -3.45	93.63 1.49 -4.03	92.10 1.78 -3.92	67.81 1.77 -3.77	130.44 3.70 -3.59	109.40 3.22 -2.26	56.97 1.39 -1.67
BEEBEE_GT_13 23619	26.37 1.17 0.00	22.59 0.76 0.00	21.35 0.70 0.00	17.62 0.50 0.00	17.47 0.38 0.00	19.71 0.59 0.00	26.48 0.88 0.00	25.44 0.61 0.00	30.93 0.79 0.00	30.14 0.86 0.00	37.21 1.26 0.00	39.95 0.94 0.00	40.34 1.40 0.00	58.70 2.41 0.00	141.28 4.82 0.00	75.17 2.49 0.00	95.99 2.52 0.00	76.26 2.13 0.00	90.35 2.24 0.00	88.72 2.32 0.00	64.00 1.72 0.00	127.52 4.37 0.00	108.01 4.08 0.00	56.30 2.38 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.80 1.61 0.00	23.38 1.56 0.00	22.01 1.36 0.00	18.20 1.08 0.00	18.08 1.00 0.00	20.26 1.13 0.00	27.14 1.54 0.00	34.70 1.62 -8.24	32.43 2.05 -0.24	35.94 2.01 -4.66	38.29 2.34 0.00	41.58 2.57 0.00	41.56 2.62 0.00	59.41 3.12 0.00	144.16 7.70 0.00	76.96 4.28 0.00	99.00 5.53 0.00	78.14 4.01 0.00	92.35 4.24 0.00	90.30 3.90 0.00	64.87 2.59 0.00	128.87 5.72 0.00	108.32 4.39 0.00	56.23 2.32 0.00
BETHLEHEM___GRP 23843	25.47 0.28 0.00	22.24 0.41 0.00	21.03 0.38 0.00	17.42 0.30 0.00	17.35 0.27 0.00	19.45 0.33 0.00	26.01 0.41 0.00	27.08 0.35 -1.89	30.59 0.39 -0.06	30.57 0.23 -1.07	35.94 -0.01 0.00	38.95 -0.06 0.00	38.83 -0.11 0.00	55.78 -0.51 0.00	135.79 -0.67 0.00	72.51 -0.17 0.00	93.39 -0.08 0.00	74.07 -0.05 0.00	88.21 0.10 0.00	86.58 0.18 0.00	62.41 0.13 0.00	123.66 0.51 0.00	104.45 0.52 0.00	54.23 0.32 0.00
BETHLEHEM___GS1 323560	25.47 0.28 0.00	22.23 0.41 0.00	21.02 0.38 0.00	17.42 0.30 0.00	17.35 0.27 0.00	19.45 0.33 0.00	26.01 0.41 0.00	27.08 0.35 -1.89	30.59 0.39 -0.06	30.57 0.23 -1.07	35.94 -0.01 0.00	38.96 -0.05 0.00	38.83 -0.11 0.00	55.79 -0.51 0.00	135.79 -0.66 0.00	72.51 -0.17 0.00	93.38 -0.09 0.00	74.08 -0.04 0.00	88.22 0.10 0.00	86.58 0.18 0.00	62.41 0.13 0.00	123.66 0.51 0.00	104.45 0.52 0.00	54.23 0.32 0.00
BETHLEHEM___GS2 323561	25.47 0.28 0.00	22.23 0.41 0.00	21.02 0.38 0.00	17.42 0.30 0.00	17.35 0.27 0.00	19.45 0.33 0.00	26.01 0.41 0.00	27.08 0.35 -1.89	30.59 0.39 -0.06	30.57 0.23 -1.07	35.94 -0.01 0.00	38.96 -0.05 0.00	38.83 -0.11 0.00	55.79 -0.51 0.00	135.79 -0.66 0.00	72.51 -0.17 0.00	93.38 -0.09 0.00	74.08 -0.04 0.00	88.22 0.10 0.00	86.58 0.18 0.00	62.41 0.13 0.00	123.66 0.51 0.00	104.45 0.52 0.00	54.23 0.32 0.00
BETHLEHEM___GS3 323562	25.47 0.28 0.00	22.23 0.41 0.00	21.02 0.38 0.00	17.42 0.30 0.00	17.35 0.27 0.00	19.45 0.33 0.00	26.01 0.41 0.00	27.08 0.35 -1.89	30.59 0.39 -0.06	30.57 0.23 -1.07	35.94 -0.01 0.00	38.96 -0.05 0.00	38.83 -0.11 0.00	55.79 -0.51 0.00	135.79 -0.66 0.00	72.51 -0.17 0.00	93.38 -0.09 0.00	74.08 -0.04 0.00	88.22 0.10 0.00	86.58 0.18 0.00	62.41 0.13 0.00	123.66 0.51 0.00	104.45 0.52 0.00	54.23 0.32 0.00
BETHLEHEM___STEEL 23779	26.78 1.59 0.00	22.87 1.04 0.00	21.62 0.97 0.00	17.80 0.68 0.00	17.60 0.52 0.00	19.96 0.83 0.00	26.84 1.24 0.00	25.64 0.80 0.00	31.15 1.01 0.00	30.36 1.09 0.00	37.52 1.58 0.00	39.93 0.92 0.00	40.50 1.56 0.00	59.00 2.71 0.00	141.70 5.25 0.00	75.23 2.55 0.00	95.85 2.38 0.00	76.17 2.04 0.00	89.85 1.73 0.00	88.18 1.78 0.00	63.87 1.60 0.00	127.63 4.49 0.00	108.76 4.83 0.00	56.93 3.02 0.00
BETHLHEM_115KV_TB1 79974	25.55 0.36 0.00	22.29 0.47 0.00	21.09 0.44 0.00	17.47 0.35 0.00	17.39 0.31 0.00	19.51 0.38 0.00	26.08 0.48 0.00	27.14 0.42 -1.88	30.67 0.47 -0.06	30.66 0.32 -1.06	36.06 0.12 0.00	39.09 0.08 0.00	38.95 0.01 0.00	55.95 -0.34 0.00	136.21 -0.25 0.00	72.73 0.06 0.00	93.67 0.20 0.00	74.31 0.18 0.00	88.45 0.33 0.00	86.80 0.40 0.00	62.56 0.29 0.00	123.96 0.82 0.00	104.72 0.79 0.00	54.39 0.48 0.00
BETHPAGE_CC_5 323564	26.60 1.41 0.00	23.23 1.40 0.00	22.00 1.35 0.00	18.29 1.17 0.00	18.16 1.08 0.00	20.23 1.11 0.00	26.91 1.31 0.00	34.32 1.33 -8.15	32.07 1.69 -0.24	35.60 1.72 -4.61	38.25 2.17 -0.13	44.08 2.66 -2.41	50.52 2.61 -8.97	58.80 2.51 0.00	143.01 6.55 0.00	76.66 3.99 0.00	98.98 5.51 0.00	79.45 4.42 -0.91	93.72 4.47 -1.13	90.43 4.04 0.00	65.03 2.75 0.00	128.29 5.14 0.00	107.54 3.61 0.00	56.33 2.41 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.83 1.64 0.00	22.91 1.09 0.00	21.65 1.01 0.00	17.83 0.71 0.00	17.63 0.55 0.00	19.99 0.86 0.00	26.89 1.29 0.00	25.70 0.87 0.00	31.24 1.10 0.00	30.46 1.19 0.00	37.67 1.72 0.00	40.10 1.09 0.00	40.67 1.74 0.00	59.27 2.97 0.00	142.37 5.92 0.00	75.59 2.91 0.00	96.32 2.86 0.00	76.55 2.42 0.00	90.27 2.16 0.00	88.58 2.19 0.00	64.14 1.86 0.00	128.14 4.99 0.00	109.14 5.21 0.00	57.07 3.16 0.00
BINGHAMTON___COGEN 23790	25.71 0.51 0.00	22.25 0.43 0.00	21.00 0.36 0.00	17.35 0.23 0.00	17.29 0.20 0.00	19.44 0.32 0.00	26.04 0.44 0.00	25.22 0.38 0.00	30.66 0.51 0.00	29.86 0.58 0.00	36.74 0.79 0.00	39.65 0.64 0.00	40.05 0.89 -0.22	59.90 1.29 -2.32	142.22 2.83 -2.94	77.34 1.58 -3.08	97.69 1.85 -2.37	77.87 1.34 -2.41	92.38 1.46 -2.81	90.37 1.24 -2.73	65.87 0.97 -2.62	128.00 2.35 -2.51	107.68 2.18 -1.57	56.23 1.16 -1.16
BIXINCNT_115KV_LOAD 355685	26.83 1.64 0.00	22.95 1.12 0.00	21.64 0.99 0.00	17.84 0.72 0.00	17.66 0.58 0.00	20.02 0.90 0.00	26.92 1.32 0.00	25.74 0.90 0.00	31.40 1.26 0.00	30.70 1.43 0.00	37.94 1.99 0.00	40.35 1.34 0.00	40.90 1.96 0.00	59.54 3.25 0.00	143.13 6.67 0.00	75.85 3.18 0.00	96.35 2.88 0.00	76.56 2.44 0.00	90.17 2.06 0.00	88.40 2.01 0.00	64.13 1.85 0.00	128.30 5.15 0.00	109.14 5.21 0.00	56.97 3.05 0.00
BLACK RIVER___HYD 24047	25.06 -0.13 0.00	21.43 -0.39 0.00	20.37 -0.28 0.00	16.97 -0.14 0.00	16.95 -0.13 0.00	18.96 -0.17 0.00	25.65 0.05 0.00	25.00 0.16 0.00	30.18 0.03 0.00	29.43 0.15 0.00	36.37 0.42 0.00	39.50 0.49 0.00	39.94 0.50 -0.50	61.67 0.12 -5.26	142.65 -0.46 -6.66	79.12 -0.55 -6.99	98.69 -0.15 -5.37	80.58 1.00 -5.45	96.69 2.21 -6.37	95.16 2.57 -6.19	70.86 2.63 -5.95	134.06 5.23 -5.68	112.01 4.51 -3.57	58.37 1.82 -2.63

BLACKRVR_115KV_TB2 79977	25.06 -0.13 0.00	21.43 -0.39 0.00	20.37 -0.28 0.00	16.97 -0.14 0.00	16.95 -0.13 0.00	18.96 -0.16 0.00	25.65 0.05 0.00	24.99 0.16 0.00	30.18 0.03 0.00	29.43 0.15 0.00	36.37 0.43 0.00	39.50 0.49 0.00	39.94 0.50 -0.50	61.68 0.13 -5.26	142.65 -0.46 -6.66	79.11 -0.55 -6.99	98.69 -0.15 -5.37	80.57 1.00 -5.45	96.70 2.22 -6.37	95.16 2.57 -6.19	70.86 2.64 -5.95	134.07 5.25 -5.68	112.01 4.51 -3.57	58.37 1.82 -2.63
BLISS_WT_PWR 323608	26.84 1.65 0.00	22.95 1.13 0.00	21.64 0.99 0.00	17.83 0.72 0.00	17.67 0.58 0.00	20.03 0.90 0.00	26.92 1.32 0.00	25.75 0.91 0.00	31.43 1.29 0.00	30.74 1.47 0.00	37.99 2.04 0.00	40.40 1.39 0.00	40.93 1.99 0.00	59.49 3.20 0.00	143.06 6.61 0.00	75.92 3.24 0.00	96.39 2.92 0.00	76.62 2.50 0.00	90.24 2.12 0.00	88.45 2.05 0.00	64.15 1.88 0.00	128.38 5.23 0.00	109.23 5.30 0.00	57.01 3.10 0.00
BLUE_CIRC_CHEM_DRP 24182	25.96 0.77 0.00	22.64 0.81 0.00	21.42 0.77 0.00	17.76 0.64 0.00	17.67 0.59 0.00	19.84 0.72 0.00	26.53 0.93 0.00	27.34 0.85 -1.65	31.13 0.93 -0.05	30.92 0.71 -0.93	36.47 0.52 0.00	39.47 0.46 0.00	39.36 0.42 0.00	56.67 0.38 0.00	137.75 1.29 0.00	73.47 0.79 0.00	94.61 1.14 0.00	75.08 0.96 0.00	89.59 1.47 0.00	88.06 1.66 0.00	63.52 1.25 0.00	125.42 2.27 0.00	106.10 2.17 0.00	55.12 1.21 0.00
BOC_GAS_DRP 24189	25.72 0.52 0.00	22.43 0.61 0.00	21.22 0.58 0.00	17.58 0.46 0.00	17.50 0.42 0.00	19.61 0.49 0.00	26.21 0.61 0.00	27.23 0.56 -1.84	30.85 0.66 -0.05	30.83 0.52 -1.04	36.33 0.39 0.00	39.38 0.37 0.00	39.22 0.29 0.00	56.36 0.06 0.00	137.04 0.58 0.00	73.16 0.48 0.00	94.19 0.73 0.00	74.73 0.60 0.00	88.93 0.82 0.00	87.21 0.82 0.00	62.85 0.57 0.00	124.51 1.36 0.00	105.27 1.35 0.00	54.73 0.81 0.00
BOONVILLE_115KV_TB1 79983	25.55 0.35 0.00	22.02 0.20 0.00	20.85 0.20 0.00	17.32 0.20 0.00	17.26 0.18 0.00	19.34 0.22 0.00	25.97 0.37 0.00	25.24 0.41 0.00	30.67 0.52 0.00	29.84 0.57 0.00	36.80 0.85 0.00	39.93 0.92 0.00	40.12 1.06 -0.12	59.10 1.58 -1.23	141.57 3.55 -1.56	75.93 1.62 -1.64	97.09 2.37 -1.26	77.53 2.13 -1.28	92.47 2.86 -1.49	90.77 2.92 -1.45	65.88 2.21 -1.40	128.99 4.51 -1.33	108.38 3.61 -0.84	56.17 1.64 -0.62
BORALEX_4TH_BRANCH 23824	26.40 1.21 0.00	23.10 1.28 0.00	21.88 1.24 0.00	18.19 1.07 0.00	18.09 1.01 0.00	20.27 1.14 0.00	26.95 1.35 0.00	28.22 1.29 -2.09	31.81 1.60 -0.06	31.79 1.33 -1.18	37.07 1.13 0.00	39.98 0.97 0.00	39.67 0.73 0.00	57.18 0.89 0.00	139.77 3.31 0.00	74.32 1.64 0.00	95.68 2.21 0.00	75.94 1.82 0.00	91.15 3.04 0.00	89.90 3.50 0.00	65.04 2.76 0.00	128.73 5.58 0.00	108.51 4.58 0.00	56.25 2.34 0.00
BOWLINE___1 23526	26.13 0.94 0.00	22.85 1.02 0.00	21.54 0.89 0.00	17.83 0.72 0.00	17.73 0.65 0.00	19.84 0.71 0.00	26.50 0.90 0.00	14.02 0.93 11.75	30.88 1.08 0.34	23.67 1.04 6.64	37.17 1.22 0.00	40.47 1.46 0.00	40.38 1.44 0.00	57.86 1.57 0.00	140.52 4.06 0.00	75.09 2.41 0.00	96.62 3.15 0.00	76.53 2.41 0.00	90.66 2.55 0.00	88.60 2.21 0.00	63.69 1.42 0.00	126.95 3.80 0.00	107.21 3.28 0.00	55.57 1.66 0.00
BOWLINE___2 23595	26.18 0.99 0.00	22.88 1.06 0.00	21.56 0.91 0.00	17.85 0.73 0.00	17.74 0.66 0.00	19.86 0.73 0.00	26.53 0.93 0.00	14.03 0.95 11.76	30.90 1.10 0.34	23.67 1.04 6.65	37.18 1.23 0.00	40.48 1.47 0.00	40.39 1.45 0.00	57.87 1.58 0.00	140.54 4.08 0.00	75.09 2.41 0.00	96.62 3.16 0.00	76.53 2.41 0.00	90.66 2.55 0.00	88.62 2.22 0.00	63.72 1.45 0.00	126.98 3.83 0.00	107.21 3.28 0.00	55.58 1.66 0.00
BRADY___115KV_TB2 356060	25.29 0.10 0.00	21.76 -0.06 0.00	20.60 -0.04 0.00	17.08 -0.03 0.00	17.09 0.00 0.00	19.06 -0.07 0.00	25.60 0.00 0.00	24.91 0.07 0.00	30.19 0.05 0.00	29.27 -0.01 0.00	36.08 0.14 0.00	39.34 0.34 0.00	39.34 0.40 0.00	57.19 0.90 0.00	138.14 1.68 0.00	73.06 0.38 0.00	94.06 0.60 0.00	74.69 0.57 0.00	88.72 0.60 0.00	87.31 0.91 0.00	63.19 0.92 0.00	124.83 1.68 0.00	105.48 1.55 0.00	54.71 0.79 0.00
BRANSCOMB___SOLAR 323811	26.42 1.23 0.00	23.01 1.19 0.00	21.74 1.09 0.00	17.99 0.87 0.00	17.91 0.83 0.00	20.09 0.96 0.00	26.86 1.26 0.00	27.91 1.22 -1.86	31.71 1.51 -0.05	31.61 1.29 -1.05	37.21 1.26 0.00	40.27 1.26 0.00	40.14 1.20 0.00	57.96 1.67 0.00	141.66 5.21 0.00	75.71 3.03 0.00	97.66 4.19 0.00	77.49 3.36 0.00	92.77 4.66 0.00	91.06 4.66 0.00	65.67 3.40 0.00	130.01 6.86 0.00	109.49 5.56 0.00	56.68 2.77 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	26.97 1.77 0.00	23.53 1.71 0.00	22.32 1.67 0.00	18.55 1.43 0.00	18.42 1.34 0.00	20.48 1.36 0.00	27.24 1.64 0.00	34.71 1.72 -8.15	32.56 2.17 -0.24	36.15 2.27 -4.61	38.97 2.89 -0.13	44.99 3.56 -2.41	51.43 3.53 -8.97	59.37 3.06 -0.02	143.68 7.22 0.00	77.04 4.36 0.00	106.46 5.86 -7.14	103.98 4.79 -25.06	109.97 4.90 -16.95	92.98 4.60 -1.99	65.65 3.27 -0.11	128.97 5.82 0.00	107.69 3.76 0.00	56.82 2.91 0.00
BRISTLHL_115KV_TB1 79998	24.88 -0.31 0.00	21.52 -0.30 0.00	20.37 -0.28 0.00	16.90 -0.22 0.00	16.84 -0.25 0.00	18.88 -0.24 0.00	25.26 -0.34 0.00	24.45 -0.39 0.00	29.66 -0.48 0.00	28.84 -0.44 0.00	35.47 -0.48 0.00	38.40 -0.61 0.00	39.59 -0.40 -1.06	66.81 -0.47 -10.99	148.93 -1.44 -13.91	86.38 -0.90 -14.60	103.41 -1.28 -11.23	84.65 -0.87 -11.39	100.41 -1.02 -13.31	98.25 -1.10 -12.95	74.04 -0.68 -12.44	133.80 -1.22 -11.87	110.35 -1.03 -7.46	58.85 -0.58 -5.51
BROOKHAVEN___DRP 24191	26.74 1.54 0.00	23.32 1.49 0.00	22.14 1.49 0.00	18.47 1.36 0.00	18.34 1.26 0.00	20.36 1.24 0.00	27.04 1.44 0.00	34.52 1.53 -8.15	32.33 1.95 -0.24	35.88 2.00 -4.61	38.58 2.50 -0.13	44.59 3.17 -2.41	51.08 3.17 -8.97	59.37 2.97 -0.11	143.88 7.42 0.00	77.25 4.57 0.00	139.81 6.22 -40.12	217.50 4.98 -138.40	201.59 5.04 -108.44	115.48 4.79 -24.29	66.40 3.50 -0.63	129.05 5.90 0.00	107.33 3.40 0.00	56.80 2.88 0.00
BROOKLYN_NAVY_YARD 23515	26.44 1.24 0.00	23.10 1.27 0.00	21.76 1.11 0.00	18.00 0.88 0.00	17.89 0.81 0.00	20.04 0.91 0.00	26.81 1.21 0.00	34.36 1.28 -8.24	31.96 1.58 -0.24	35.50 1.57 -4.66	37.69 1.74 0.00	41.01 2.00 0.00	40.95 2.01 0.00	58.54 2.24 0.00	142.06 5.60 0.00	75.87 3.19 0.00	97.75 4.28 0.00	77.43 3.30 0.00	91.57 3.45 0.00	89.41 3.01 0.00	64.13 1.85 0.00	127.31 4.16 0.00	107.17 3.25 0.00	55.57 1.65 0.00
BROOKLYN___ARMY_DRP 323595	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00



BROOKVLE_69_KV_TB1 55790	26.66 1.46 0.00	23.34 1.52 0.00	22.04 1.40 0.00	18.27 1.16 0.00	18.15 1.07 0.00	20.28 1.15 0.00	27.04 1.44 0.00	34.48 1.49 -8.15	32.19 1.80 -0.24	35.73 1.84 -4.61	38.41 2.34 -0.13	44.18 2.75 -2.41	50.65 2.75 -8.97	59.37 3.08 0.00	144.45 7.99 0.00	77.36 4.69 0.00	99.82 6.35 0.00	79.86 5.02 -0.72	94.54 5.30 -1.13	91.16 4.77 0.00	65.42 3.14 0.00	129.33 6.18 0.00	108.54 4.61 0.00	56.55 2.63 0.00
BROOME_2_LFGE 323671	25.71 0.51 0.00	22.26 0.43 0.00	21.01 0.36 0.00	17.35 0.23 0.00	17.29 0.20 0.00	19.44 0.32 0.00	26.04 0.44 0.00	25.22 0.38 0.00	30.66 0.51 0.00	29.86 0.58 0.00	36.74 0.79 0.00	39.66 0.65 0.00	40.05 0.89 -0.22	59.87 1.26 -2.32	142.17 2.78 -2.94	77.34 1.58 -3.08	97.69 1.85 -2.37	77.86 1.34 -2.41	92.38 1.46 -2.81	90.37 1.24 -2.73	65.87 0.97 -2.62	127.99 2.34 -2.51	107.69 2.19 -1.57	56.24 1.16 -1.16
BROOME___LFGE 323600	25.71 0.51 0.00	22.26 0.43 0.00	21.01 0.36 0.00	17.35 0.23 0.00	17.29 0.20 0.00	19.44 0.32 0.00	26.04 0.44 0.00	25.22 0.38 0.00	30.66 0.51 0.00	29.86 0.58 0.00	36.74 0.79 0.00	39.66 0.65 0.00	40.05 0.89 -0.22	59.87 1.26 -2.32	142.17 2.78 -2.94	77.34 1.58 -3.08	97.69 1.85 -2.37	77.86 1.34 -2.41	92.38 1.46 -2.81	90.37 1.24 -2.73	65.87 0.97 -2.62	127.99 2.34 -2.51	107.69 2.19 -1.57	56.24 1.16 -1.16
BROWNFLS_115KV_TB_3_5 80003	24.88 -0.32 0.00	21.32 -0.50 0.00	20.22 -0.43 0.00	16.82 -0.30 0.00	16.79 -0.29 0.00	18.66 -0.46 0.00	25.11 -0.50 0.00	24.50 -0.34 0.00	29.70 -0.44 0.00	28.86 -0.41 0.00	35.66 -0.29 0.00	38.87 -0.14 0.00	38.99 -0.17 -0.22	58.23 -0.34 -2.27	137.75 -1.59 -2.88	74.55 -1.15 -3.02	94.64 -1.15 -2.32	76.13 -0.35 -2.36	90.93 0.06 -2.75	89.39 0.32 -2.68	65.44 0.59 -2.57	126.85 1.25 -2.46	106.79 1.32 -1.54	55.68 0.63 -1.14
BROWNSV1_27_KV_LOAD 356125	26.83 1.64 0.00	23.43 1.60 0.00	22.06 1.42 0.00	18.25 1.14 0.00	18.14 1.06 0.00	20.32 1.20 0.00	27.21 1.61 0.00	34.75 1.67 -8.24	32.47 2.08 -0.24	35.99 2.06 -4.66	38.35 2.40 0.00	41.71 2.70 0.00	41.64 2.70 0.00	59.56 3.27 0.00	144.67 8.21 0.00	77.32 4.64 0.00	99.61 6.14 0.00	78.84 4.72 0.00	93.22 5.11 0.00	90.99 4.59 0.00	65.25 2.98 0.00	129.57 6.42 0.00	109.06 5.13 0.00	56.52 2.60 0.00
BURROWS___LYONSDAL 23803	25.34 0.15 0.00	21.79 -0.03 0.00	20.64 0.00 0.00	17.18 0.06 0.00	17.14 0.06 0.00	19.17 0.05 0.00	25.77 0.17 0.00	25.10 0.26 0.00	30.49 0.34 0.00	29.67 0.39 0.00	36.61 0.66 0.00	39.74 0.73 0.00	39.93 0.83 -0.17	59.16 1.13 -1.74	141.02 2.37 -2.20	75.94 0.95 -2.31	96.83 1.59 -1.77	77.59 1.66 -1.80	92.67 2.45 -2.10	91.02 2.58 -2.04	66.30 2.06 -1.96	129.26 4.24 -1.88	108.52 3.42 -1.18	56.31 1.53 -0.87
CAITHNESS_CC_1 323624	26.71 1.52 0.00	23.29 1.46 0.00	22.12 1.46 0.00	18.44 1.32 0.00	18.31 1.23 0.00	20.34 1.21 0.00	27.01 1.41 0.00	34.49 1.50 -8.15	32.28 1.89 -0.24	35.83 1.95 -4.61	38.53 2.46 -0.13	44.54 3.12 -2.41	51.00 3.09 -8.97	59.24 2.84 -0.11	143.51 7.05 0.00	77.04 4.36 0.00	138.92 5.94 -39.52	215.26 4.75 -136.38	199.27 4.80 -106.35	114.51 4.53 -23.58	66.20 3.30 -0.63	128.70 5.55 0.00	107.16 3.23 0.00	56.66 2.75 0.00
CALPINE BETH_PAGE_GT4 24209	26.56 1.37 0.00	23.19 1.37 0.00	21.96 1.31 0.00	18.28 1.16 0.00	18.16 1.08 0.00	20.23 1.11 0.00	26.90 1.30 0.00	34.28 1.29 -8.15	32.04 1.66 -0.24	35.57 1.69 -4.61	38.22 2.15 -0.13	44.03 2.61 -2.41	50.49 2.58 -8.97	58.80 2.50 0.00	143.05 6.60 0.00	76.63 3.95 0.00	98.97 5.50 0.00	79.40 4.41 -0.86	93.71 4.47 -1.13	90.42 4.03 0.00	64.98 2.71 0.00	128.27 5.12 0.00	107.53 3.60 0.00	56.28 2.37 0.00
CALPINE_BETH_PAGE_GT_4 323586	26.56 1.37 0.00	23.19 1.37 0.00	21.96 1.31 0.00	18.28 1.16 0.00	18.16 1.08 0.00	20.23 1.11 0.00	26.91 1.31 0.00	34.28 1.29 -8.15	32.04 1.66 -0.24	35.57 1.69 -4.61	38.22 2.15 -0.13	44.03 2.61 -2.41	50.49 2.58 -8.97	58.81 2.52 0.00	143.05 6.60 0.00	76.64 3.96 0.00	98.99 5.52 0.00	79.41 4.43 -0.86	93.72 4.47 -1.13	90.42 4.02 0.00	64.99 2.72 0.00	128.27 5.12 0.00	107.54 3.61 0.00	56.28 2.36 0.00
CALPINE_BP_GT1 23823	26.56 1.37 0.00	23.19 1.37 0.00	21.96 1.31 0.00	18.28 1.16 0.00	18.16 1.08 0.00	20.23 1.11 0.00	26.91 1.31 0.00	34.28 1.29 -8.15	32.04 1.66 -0.24	35.57 1.69 -4.61	38.22 2.15 -0.13	44.03 2.61 -2.41	50.49 2.58 -8.97	58.81 2.52 0.00	143.05 6.60 0.00	76.64 3.96 0.00	98.99 5.52 0.00	79.41 4.43 -0.86	93.72 4.47 -1.13	90.42 4.02 0.00	64.99 2.72 0.00	128.27 5.12 0.00	107.54 3.61 0.00	56.28 2.36 0.00
CALSPAN___DRP 24200	26.78 1.59 0.00	22.87 1.04 0.00	21.62 0.97 0.00	17.80 0.68 0.00	17.60 0.52 0.00	19.96 0.83 0.00	26.84 1.24 0.00	25.64 0.80 0.00	31.15 1.01 0.00	30.36 1.09 0.00	37.52 1.58 0.00	39.93 0.92 0.00	40.50 1.56 0.00	59.00 2.71 0.00	141.70 5.25 0.00	75.23 2.55 0.00	95.85 2.38 0.00	76.17 2.04 0.00	89.85 1.73 0.00	88.18 1.78 0.00	63.87 1.60 0.00	127.63 4.49 0.00	108.76 4.83 0.00	56.93 3.02 0.00
CALVERTON___SOLAR 323806	26.83 1.63 0.00	23.38 1.55 0.00	22.19 1.55 0.00	18.53 1.42 0.00	18.40 1.32 0.00	20.42 1.29 0.00	27.12 1.52 0.00	34.61 1.62 -8.15	32.44 2.06 -0.24	35.99 2.10 -4.61	38.69 2.62 -0.13	44.74 3.32 -2.41	51.24 3.33 -8.97	59.66 3.26 -0.11	144.56 8.10 0.00	77.64 4.96 0.00	140.61 6.79 -40.35	218.71 5.38 -139.20	202.91 5.55 -109.25	116.22 5.27 -24.56	66.77 3.86 -0.64	129.67 6.52 0.00	107.75 3.82 0.00	57.06 3.15 0.00
CANDIGU_WT_PWR 323617	26.27 1.08 0.00	22.61 0.79 0.00	21.32 0.67 0.00	17.54 0.42 0.00	17.43 0.35 0.00	19.69 0.57 0.00	26.37 0.77 0.00	25.42 0.58 0.00	30.91 0.77 0.00	30.19 0.91 0.00	37.24 1.29 0.00	39.82 0.82 0.00	40.33 1.27 -0.12	59.54 2.02 -1.22	142.16 4.16 -1.55	76.50 2.19 -1.63	96.98 2.26 -1.25	77.06 1.67 -1.27	91.16 1.57 -1.48	89.29 1.45 -1.44	64.93 1.27 -1.39	127.91 3.44 -1.32	108.39 3.63 -0.83	56.62 2.09 -0.62
CARR STREET_E_SYR 24060	25.03 -0.16 0.00	21.64 -0.18 0.00	20.47 -0.18 0.00	16.97 -0.14 0.00	16.91 -0.18 0.00	18.97 -0.16 0.00	25.38 -0.22 0.00	24.60 -0.24 0.00	29.89 -0.25 0.00	29.09 -0.18 0.00	35.80 -0.15 0.00	38.76 -0.25 0.00	39.21 -0.05 -0.31	59.59 0.02 -3.27	140.45 -0.15 -4.15	76.91 -0.12 -4.35	96.54 -0.27 -3.35	77.36 -0.15 -3.40	91.88 -0.20 -3.97	90.00 -0.25 -3.86	65.78 -0.20 -3.71	126.41 -0.28 -3.54	105.94 -0.21 -2.22	55.41 -0.15 -1.64
CARTHAGE___PAPER 23857	25.13 -0.07 0.00	21.48 -0.34 0.00	20.40 -0.25 0.00	17.01 -0.11 0.00	16.99 -0.09 0.00	18.98 -0.15 0.00	25.64 0.05 0.00	25.00 0.17 0.00	30.23 0.08 0.00	29.41 0.14 0.00	36.33 0.38 0.00	39.48 0.47 0.00	39.87 0.49 -0.43	61.09 0.29 -4.51	142.10 -0.07 -5.71	78.23 -0.44 -5.99	98.11 0.03 -4.61	79.83 1.03 -4.68	95.82 2.24 -5.46	94.33 2.62 -5.31	69.96 2.58 -5.11	133.27 5.26 -4.87	111.42 4.43 -3.06	58.07 1.89 -2.26

CASSADAGA_WT_PWR 323784	27.23 2.03 0.00	23.32 1.49 0.00	21.98 1.34 0.00	18.05 0.93 0.00	17.90 0.82 0.00	20.32 1.19 0.00	27.38 1.78 0.00	26.26 1.43 0.00	32.06 1.92 0.00	31.46 2.19 0.00	39.10 3.15 0.00	41.71 2.70 0.00	42.36 3.42 0.00	61.61 5.32 0.00	148.31 11.85 0.00	78.68 6.00 0.00	100.35 6.89 0.00	79.38 5.25 0.00	93.66 5.55 0.00	91.62 5.22 0.00	66.45 4.18 0.00	132.43 9.29 0.00	112.61 8.68 0.00	58.57 4.66 0.00
CE_DUNWOOD___DRP 24194	26.36 1.17 0.00	23.04 1.21 0.00	21.72 1.07 0.00	17.97 0.85 0.00	17.86 0.79 0.00	20.00 0.87 0.00	26.74 1.14 0.00	34.76 1.19 -8.74	31.85 1.45 -0.26	35.63 1.42 -4.94	37.59 1.64 0.00	40.88 1.87 0.00	40.79 1.86 0.00	58.40 2.10 0.00	141.90 5.44 0.00	75.89 3.21 0.00	97.72 4.25 0.00	77.42 3.30 0.00	91.66 3.55 0.00	89.54 3.14 0.00	64.31 2.04 0.00	127.70 4.55 0.00	107.58 3.65 0.00	55.80 1.88 0.00
CE_MILLWOOD___DRP 24193	26.31 1.12 0.00	22.99 1.17 0.00	21.67 1.03 0.00	17.94 0.82 0.00	17.83 0.75 0.00	19.96 0.83 0.00	26.69 1.09 0.00	35.09 1.13 -9.12	31.78 1.37 -0.27	35.76 1.33 -5.16	37.48 1.54 0.00	40.78 1.77 0.00	40.68 1.74 0.00	58.25 1.96 0.00	141.53 5.08 0.00	75.68 3.01 0.00	97.48 4.01 0.00	77.21 3.09 0.00	91.46 3.35 0.00	89.36 2.96 0.00	64.19 1.91 0.00	127.52 4.37 0.00	107.46 3.53 0.00	55.73 1.82 0.00
CE_NYC2_DRP 24202	26.53 1.34 0.00	23.18 1.35 0.00	21.82 1.18 0.00	18.07 0.95 0.00	17.95 0.87 0.00	20.10 0.97 0.00	26.92 1.32 0.00	34.48 1.40 -8.24	32.13 1.75 -0.24	35.61 1.68 -4.66	37.83 1.88 0.00	41.08 2.07 0.00	41.03 2.09 0.00	58.57 2.28 0.00	142.10 5.64 0.00	75.90 3.22 0.00	97.75 4.29 0.00	77.34 3.22 0.00	91.42 3.31 0.00	89.33 2.93 0.00	64.08 1.81 0.00	127.24 4.09 0.00	106.99 3.06 0.00	55.51 1.60 0.00
CE_NYC_DRP 24195	26.49 1.30 0.00	23.15 1.33 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.94 0.86 0.00	20.09 0.97 0.00	26.89 1.29 0.00	34.44 1.36 -8.24	32.06 1.68 -0.24	35.60 1.66 -4.66	37.84 1.89 0.00	41.15 2.14 0.00	41.07 2.13 0.00	58.71 2.42 0.00	142.52 6.07 0.00	76.18 3.50 0.00	98.12 4.65 0.00	77.70 3.58 0.00	91.87 3.75 0.00	89.68 3.28 0.00	64.31 2.03 0.00	127.69 4.54 0.00	107.41 3.48 0.00	55.70 1.79 0.00
CHAFFEE___LFGE 323603	26.80 1.60 0.00	22.89 1.06 0.00	21.62 0.97 0.00	17.80 0.68 0.00	17.60 0.52 0.00	19.95 0.83 0.00	26.85 1.25 0.00	25.70 0.86 0.00	31.21 1.07 0.00	30.45 1.17 0.00	37.62 1.67 0.00	40.08 1.07 0.00	40.67 1.73 0.00	59.18 2.89 0.00	142.30 5.85 0.00	75.60 2.92 0.00	96.42 2.95 0.00	76.62 2.50 0.00	90.40 2.29 0.00	88.70 2.30 0.00	64.24 1.97 0.00	128.35 5.20 0.00	109.18 5.25 0.00	57.06 3.15 0.00
CHATEAUG_35_KV_LOAD 355732	25.25 0.06 0.00	21.73 -0.09 0.00	20.53 -0.12 0.00	16.99 -0.13 0.00	17.04 -0.05 0.00	19.09 -0.04 0.00	25.63 0.04 0.00	25.08 0.24 0.00	30.43 0.29 0.00	29.46 0.18 0.00	36.19 0.25 0.00	39.34 0.33 0.00	39.16 0.22 0.00	56.91 0.62 0.00	137.55 1.09 0.00	72.84 0.16 0.00	93.80 0.33 0.00	74.53 0.40 0.00	88.66 0.54 0.00	86.99 0.59 0.00	62.94 0.66 0.00	124.50 1.35 0.00	105.12 1.19 0.00	54.50 0.59 0.00
CHATEAUG_WT_PWR 323614	25.30 0.11 0.00	21.77 -0.06 0.00	20.55 -0.09 0.00	17.00 -0.11 0.00	17.04 -0.04 0.00	19.12 -0.01 0.00	25.65 0.05 0.00	25.09 0.26 0.00	30.48 0.33 0.00	29.49 0.22 0.00	36.22 0.27 0.00	39.35 0.34 0.00	39.13 0.20 0.00	56.89 0.60 0.00	137.39 0.94 0.00	72.65 -0.03 0.00	93.61 0.14 0.00	74.38 0.26 0.00	88.54 0.42 0.00	86.80 0.40 0.00	62.82 0.55 0.00	124.45 1.30 0.00	105.14 1.21 0.00	54.56 0.64 0.00
CHAT_HIGH_FALL_HYD 323578	25.25 0.06 0.00	21.73 -0.10 0.00	20.52 -0.13 0.00	16.99 -0.13 0.00	17.04 -0.05 0.00	19.09 -0.04 0.00	25.63 0.04 0.00	25.08 0.24 0.00	30.43 0.29 0.00	29.46 0.18 0.00	36.19 0.25 0.00	39.34 0.33 0.00	39.16 0.22 0.00	56.92 0.62 0.00	137.55 1.09 0.00	72.84 0.16 0.00	93.80 0.33 0.00	74.53 0.41 0.00	88.66 0.54 0.00	86.99 0.59 0.00	62.94 0.67 0.00	124.50 1.35 0.00	105.12 1.19 0.00	54.50 0.59 0.00
CHAUTAUQUA___LFGE 323629	26.95 1.75 0.00	23.08 1.26 0.00	21.77 1.13 0.00	17.88 0.76 0.00	17.73 0.65 0.00	20.12 0.99 0.00	27.08 1.48 0.00	25.96 1.12 0.00	31.62 1.48 0.00	30.96 1.68 0.00	38.39 2.44 0.00	40.92 1.91 0.00	41.50 2.57 0.00	60.34 4.04 0.00	145.17 8.71 0.00	77.16 4.48 0.00	98.38 4.91 0.00	77.83 3.71 0.00	91.92 3.81 0.00	89.91 3.52 0.00	65.17 2.90 0.00	130.03 6.88 0.00	110.74 6.81 0.00	57.71 3.80 0.00
CHERRYST_13_KV_LD 356241	26.58 1.39 0.00	23.23 1.40 0.00	21.88 1.24 0.00	18.11 0.99 0.00	18.00 0.92 0.00	20.17 1.04 0.00	26.99 1.39 0.00	34.55 1.47 -8.24	32.22 1.84 -0.24	35.75 1.82 -4.66	38.04 2.09 0.00	41.37 2.36 0.00	41.30 2.36 0.00	59.05 2.76 0.00	143.33 6.87 0.00	76.59 3.92 0.00	98.67 5.21 0.00	78.12 4.00 0.00	92.33 4.21 0.00	90.05 3.65 0.00	64.57 2.30 0.00	128.21 5.06 0.00	107.84 3.91 0.00	55.92 2.00 0.00
CHESTROR_138KV_BK263 355645	26.12 0.93 0.00	22.79 0.97 0.00	21.49 0.84 0.00	17.79 0.67 0.00	17.69 0.61 0.00	19.81 0.68 0.00	26.47 0.87 0.00	18.66 0.90 7.08	31.01 1.07 0.21	26.32 1.04 4.00	37.17 1.22 0.00	40.43 1.42 0.00	40.34 1.40 0.00	57.89 1.60 0.00	140.59 4.13 0.00	75.13 2.45 0.00	96.73 3.26 0.00	76.67 2.55 0.00	90.92 2.81 0.00	88.93 2.54 0.00	63.96 1.68 0.00	126.99 3.85 0.00	107.13 3.20 0.00	55.54 1.62 0.00
CH_MIDHUDSON___DRP 24192	26.36 1.16 0.00	23.03 1.21 0.00	21.72 1.08 0.00	17.97 0.85 0.00	17.86 0.78 0.00	20.01 0.88 0.00	26.74 1.14 0.00	27.81 1.17 -1.80	31.63 1.44 -0.05	31.68 1.39 -1.02	37.53 1.58 0.00	40.77 1.76 0.00	40.67 1.73 0.00	58.35 2.05 0.00	141.95 5.49 0.00	75.92 3.25 0.00	97.91 4.44 0.00	77.62 3.50 0.00	92.08 3.96 0.00	89.98 3.58 0.00	64.63 2.36 0.00	128.16 5.02 0.00	108.08 4.15 0.00	56.05 2.14 0.00
CH_MISC_IPPS 23765	26.54 1.34 0.00	23.16 1.34 0.00	21.84 1.20 0.00	18.07 0.95 0.00	17.96 0.88 0.00	20.11 0.99 0.00	26.90 1.30 0.00	26.17 1.33 0.00	31.77 1.63 0.00	30.87 1.60 0.00	37.84 1.90 0.00	41.15 2.13 0.00	41.07 2.14 0.00	58.97 2.67 0.00	143.43 6.97 0.00	76.70 4.03 0.00	98.91 5.45 0.00	78.44 4.32 0.00	92.99 4.88 0.00	90.84 4.44 0.00	65.25 2.98 0.00	129.35 6.20 0.00	109.10 5.17 0.00	56.51 2.59 0.00
CH_RES_BVR_FALLS 23983	24.99 -0.20 0.00	21.50 -0.32 0.00	20.35 -0.29 0.00	16.92 -0.20 0.00	16.92 -0.16 0.00	18.93 -0.20 0.00	25.39 -0.21 0.00	24.71 -0.12 0.00	30.01 -0.13 0.00	29.14 -0.14 0.00	35.79 -0.16 0.00	38.88 -0.13 0.00	38.82 -0.12 0.00	56.17 -0.12 0.00	136.00 -0.45 0.00	72.32 -0.36 0.00	93.01 -0.46 0.00	73.84 -0.28 0.00	87.77 -0.35 0.00	86.13 -0.27 0.00	62.11 -0.16 0.00	122.76 -0.38 0.00	103.59 -0.33 0.00	53.71 -0.20 0.00

CH_RES_NIAGARA 23895	26.26 1.06 0.00	22.46 0.63 0.00	21.27 0.62 0.00	17.52 0.40 0.00	17.31 0.23 0.00	19.63 0.50 0.00	26.42 0.82 0.00	25.05 0.21 0.00	30.17 0.03 0.00	29.18 -0.09 0.00	35.96 0.01 0.00	38.16 -0.85 0.00	38.67 -0.27 0.00	56.25 -0.04 0.00	134.70 -1.75 0.00	71.53 -1.15 0.00	90.91 -2.56 0.00	72.42 -1.70 0.00	85.38 -2.73 0.00	83.98 -2.42 0.00	60.81 -1.47 0.00	122.08 -1.06 0.00	104.67 0.74 0.00	55.20 1.29 0.00
CH_RES_SYRACUSE 23985	25.22 0.03 0.00	21.82 0.00 0.00	20.64 -0.01 0.00	17.12 0.00 0.00	17.06 -0.03 0.00	19.14 0.02 0.00	25.60 0.00 0.00	24.81 -0.02 0.00	30.13 -0.01 0.00	29.27 0.00 0.00	36.00 0.05 0.00	38.98 -0.03 0.00	39.82 0.29 -0.59	63.13 0.72 -6.12	145.21 1.00 -7.75	81.04 0.23 -8.13	99.77 0.05 -6.25	80.54 0.07 -6.35	95.65 0.12 -7.41	93.70 0.09 -7.21	69.29 0.08 -6.93	130.15 0.39 -6.61	108.54 0.45 -4.15	57.27 0.29 -3.07
CLINTON_WT_PWR 323605	25.30 0.11 0.00	21.77 -0.06 0.00	20.55 -0.09 0.00	17.00 -0.11 0.00	17.04 -0.04 0.00	19.12 -0.01 0.00	25.65 0.05 0.00	25.09 0.26 0.00	30.48 0.33 0.00	29.49 0.22 0.00	36.22 0.27 0.00	39.35 0.34 0.00	39.13 0.20 0.00	56.89 0.60 0.00	137.39 0.94 0.00	72.65 -0.03 0.00	93.61 0.14 0.00	74.38 0.26 0.00	88.54 0.42 0.00	86.80 0.40 0.00	62.82 0.55 0.00	124.45 1.30 0.00	105.14 1.21 0.00	54.56 0.64 0.00
CLINTON___LFGE 323618	25.67 0.48 0.00	22.07 0.24 0.00	20.81 0.17 0.00	17.21 0.09 0.00	17.23 0.15 0.00	19.35 0.23 0.00	25.97 0.37 0.00	25.51 0.67 0.00	30.96 0.82 0.00	29.92 0.64 0.00	36.69 0.74 0.00	39.83 0.82 0.00	39.55 0.61 0.00	57.57 1.27 0.00	139.08 2.62 0.00	73.25 0.58 0.00	94.46 1.00 0.00	75.12 1.00 0.00	89.49 1.38 0.00	87.66 1.27 0.00	63.56 1.28 0.00	126.18 3.03 0.00	106.84 2.91 0.00	55.48 1.57 0.00
COBBLENY_34_KV_TB1 80064	26.80 1.60 0.00	22.88 1.05 0.00	21.61 0.96 0.00	17.80 0.68 0.00	17.60 0.52 0.00	19.95 0.83 0.00	26.85 1.25 0.00	25.70 0.86 0.00	31.21 1.07 0.00	30.44 1.17 0.00	37.63 1.68 0.00	40.08 1.07 0.00	40.67 1.73 0.00	59.27 2.97 0.00	142.45 5.99 0.00	75.62 2.94 0.00	96.43 2.97 0.00	76.61 2.48 0.00	90.38 2.27 0.00	88.70 2.31 0.00	64.26 1.98 0.00	128.33 5.18 0.00	109.18 5.25 0.00	57.06 3.15 0.00
COFFEEN___115KV_TB3 355620	25.23 0.04 0.00	21.58 -0.24 0.00	20.50 -0.15 0.00	17.07 -0.04 0.00	17.05 -0.03 0.00	19.09 -0.04 0.00	25.84 0.24 0.00	25.16 0.32 0.00	30.32 0.18 0.00	29.58 0.31 0.00	36.59 0.64 0.00	39.73 0.72 0.00	40.20 0.75 -0.52	62.07 0.39 -5.39	143.47 0.19 -6.82	79.64 -0.20 -7.16	99.29 0.31 -5.51	81.14 1.43 -5.59	97.41 2.76 -6.53	95.87 3.12 -6.35	71.60 3.22 -6.10	135.38 6.42 -5.82	113.03 5.45 -3.66	58.86 2.25 -2.70
COLDSPRG_115KV_BK1 355956	27.25 2.05 0.00	23.35 1.53 0.00	22.00 1.35 0.00	18.06 0.94 0.00	17.91 0.83 0.00	20.32 1.19 0.00	27.23 1.63 0.00	26.10 1.26 0.00	31.86 1.73 0.00	31.37 2.10 0.00	39.09 3.14 0.00	41.68 2.67 0.00	42.23 3.30 0.00	61.50 5.20 0.00	148.03 11.58 0.00	78.44 5.77 0.00	99.94 6.48 0.00	79.07 4.95 0.00	93.20 5.09 0.00	91.19 4.80 0.00	66.22 3.95 0.00	132.17 9.02 0.00	112.28 8.35 0.00	58.37 4.45 0.00
COLONIE_LFGE___ 323577	26.10 0.91 0.00	22.78 0.96 0.00	21.55 0.90 0.00	17.86 0.74 0.00	17.77 0.69 0.00	19.92 0.79 0.00	26.60 0.99 0.00	27.72 0.95 -1.93	31.38 1.18 -0.06	31.36 1.00 -1.09	36.85 0.90 0.00	39.87 0.86 0.00	39.69 0.75 0.00	57.20 0.91 0.00	139.56 3.11 0.00	74.40 1.72 0.00	95.88 2.42 0.00	76.06 1.94 0.00	90.86 2.74 0.00	89.23 2.83 0.00	64.36 2.09 0.00	127.45 4.30 0.00	107.46 3.53 0.00	55.73 1.82 0.00
COOPERNY_115KV_TB1 80082	25.88 0.68 0.00	22.53 0.71 0.00	21.27 0.62 0.00	17.61 0.49 0.00	17.53 0.45 0.00	19.62 0.49 0.00	26.24 0.64 0.00	22.84 0.66 2.65	30.85 0.79 0.08	28.56 0.78 1.50	36.87 0.92 0.00	40.06 1.05 0.00	39.99 1.06 0.00	57.46 1.16 0.00	139.45 3.00 0.00	74.45 1.78 0.00	95.85 2.38 0.00	75.98 1.85 0.00	90.14 2.02 0.00	88.20 1.80 0.00	63.47 1.20 0.00	126.02 2.87 0.00	106.34 2.41 0.00	55.15 1.24 0.00
COPENHAGEN_WT_PWR 323753	24.91 -0.28 0.00	21.29 -0.54 0.00	20.26 -0.39 0.00	16.89 -0.23 0.00	16.87 -0.21 0.00	18.87 -0.26 0.00	25.53 -0.07 0.00	24.90 0.06 0.00	30.11 -0.04 0.00	29.36 0.09 0.00	36.28 0.34 0.00	39.37 0.36 0.00	39.82 0.34 -0.54	61.83 -0.08 -5.62	142.56 -1.02 -7.12	79.29 -0.86 -7.47	98.69 -0.53 -5.75	80.64 0.69 -5.83	96.74 1.81 -6.81	95.13 2.11 -6.63	70.86 2.22 -6.37	133.76 4.53 -6.07	111.64 3.89 -3.82	58.27 1.54 -2.82
CORNELL___ 23752	25.92 0.73 0.00	22.42 0.59 0.00	21.18 0.53 0.00	17.53 0.41 0.00	17.46 0.38 0.00	19.63 0.51 0.00	26.31 0.70 0.00	25.48 0.65 0.00	30.93 0.78 0.00	30.04 0.77 0.00	36.93 0.98 0.00	39.97 0.96 0.00	40.50 1.25 -0.32	61.48 1.88 -3.31	145.16 4.51 -4.19	79.35 2.28 -4.40	99.83 2.98 -3.38	80.05 2.50 -3.43	95.24 3.12 -4.01	93.51 3.21 -3.90	68.44 2.42 -3.75	131.69 4.96 -3.58	110.18 4.00 -2.25	57.52 1.95 -1.66
CORONA_AAV_69_KV_TB1 355595	26.78 1.58 0.00	23.37 1.55 0.00	22.07 1.43 0.00	18.30 1.19 0.00	18.18 1.10 0.00	20.29 1.16 0.00	26.97 1.37 0.00	34.41 1.42 -8.15	32.21 1.83 -0.24	35.67 1.78 -4.61	38.32 2.24 -0.13	44.07 2.65 -2.41	50.48 2.57 -8.97	58.94 2.65 0.00	143.61 7.15 0.00	76.91 4.23 0.00	99.24 5.77 0.00	79.45 4.61 -0.72	94.02 4.78 -1.13	90.77 4.37 0.00	65.21 2.94 0.00	128.90 5.75 0.00	108.21 4.28 0.00	56.61 2.70 0.00
CORTLAND_115KV_TB3 80093	25.63 0.44 0.00	22.18 0.36 0.00	20.96 0.31 0.00	17.35 0.23 0.00	17.28 0.20 0.00	19.42 0.29 0.00	26.01 0.41 0.00	25.22 0.38 0.00	30.61 0.47 0.00	29.77 0.50 0.00	36.63 0.68 0.00	39.64 0.63 0.00	40.15 0.88 -0.33	61.01 1.28 -3.43	143.85 3.05 -4.34	78.80 1.57 -4.56	98.93 1.95 -3.51	79.29 1.61 -3.56	94.27 2.01 -4.15	92.40 1.96 -4.04	67.66 1.50 -3.88	129.98 3.13 -3.70	108.86 2.60 -2.33	56.89 1.26 -1.72
COXSACKIE___GT 23611	27.37 2.18 0.00	23.79 1.96 0.00	22.47 1.82 0.00	18.61 1.49 0.00	18.53 1.45 0.00	20.85 1.72 0.00	27.97 2.37 0.00	28.40 2.28 -1.29	32.63 2.45 -0.04	31.98 1.98 -0.73	37.95 2.00 0.00	41.02 2.01 0.00	41.27 2.34 0.00	59.98 3.69 0.00	142.97 6.51 0.00	76.76 4.08 0.00	99.78 6.31 0.00	80.13 6.01 0.00	96.76 8.65 0.00	95.43 9.03 0.00	68.87 6.60 0.00	133.01 9.87 0.00	111.93 8.00 0.00	57.83 3.92 0.00
CPV_VALLEY___CC1 323721	25.91 0.72 0.00	22.61 0.78 0.00	21.32 0.67 0.00	17.66 0.54 0.00	17.57 0.48 0.00	19.65 0.53 0.00	26.27 0.67 0.00	21.29 0.71 4.25	30.85 0.83 0.12	27.69 0.82 2.40	36.88 0.93 0.00	40.11 1.10 0.00	40.02 1.09 0.00	57.43 1.14 0.00	139.45 2.99 0.00	74.50 1.82 0.00	95.89 2.42 0.00	76.01 1.88 0.00	90.11 2.00 0.00	88.11 1.72 0.00	63.39 1.12 0.00	125.88 2.73 0.00	106.21 2.28 0.00	55.09 1.18 0.00

CPV_VALLEY___CC2 323722	25.91 0.72 0.00	22.61 0.78 0.00	21.32 0.67 0.00	17.66 0.54 0.00	17.57 0.48 0.00	19.65 0.53 0.00	26.27 0.67 0.00	21.29 0.71 4.25	30.85 0.83 0.12	27.69 0.82 2.40	36.88 0.93 0.00	40.11 1.10 0.00	40.02 1.09 0.00	57.43 1.14 0.00	139.45 2.99 0.00	74.50 1.82 0.00	95.89 2.42 0.00	76.01 1.88 0.00	90.11 2.00 0.00	88.11 1.72 0.00	63.39 1.12 0.00	125.88 2.73 0.00	106.21 2.28 0.00	55.09 1.18 0.00
CRESCENT___HYD 24018	26.10 0.91 0.00	22.78 0.96 0.00	21.55 0.90 0.00	17.86 0.74 0.00	17.77 0.69 0.00	19.92 0.79 0.00	26.60 0.99 0.00	27.72 0.95 -1.93	31.38 1.18 -0.06	31.36 1.00 -1.09	36.85 0.90 0.00	39.87 0.86 0.00	39.69 0.75 0.00	57.20 0.91 0.00	139.56 3.11 0.00	74.40 1.72 0.00	95.88 2.42 0.00	76.06 1.94 0.00	90.86 2.74 0.00	89.23 2.83 0.00	64.36 2.09 0.00	127.45 4.30 0.00	107.46 3.53 0.00	55.73 1.82 0.00
CRICKET___VALLEY_CC1 323756	26.04 0.85 0.00	22.84 1.01 0.00	21.55 0.90 0.00	17.82 0.70 0.00	17.71 0.63 0.00	19.83 0.70 0.00	26.47 0.87 0.00	29.45 0.91 -3.70	31.34 1.09 -0.11	32.36 0.99 -2.09	36.96 1.01 0.00	40.04 1.03 0.00	39.89 0.95 0.00	57.26 0.97 0.00	139.50 3.05 0.00	74.71 2.04 0.00	96.30 2.83 0.00	76.32 2.20 0.00	90.72 2.60 0.00	88.72 2.32 0.00	63.72 1.45 0.00	126.31 3.17 0.00	106.55 2.63 0.00	55.37 1.45 0.00
CRICKET___VALLEY_CC2 323757	26.04 0.85 0.00	22.84 1.01 0.00	21.55 0.90 0.00	17.82 0.70 0.00	17.71 0.63 0.00	19.83 0.70 0.00	26.47 0.87 0.00	29.45 0.91 -3.70	31.34 1.09 -0.11	32.36 0.99 -2.09	36.96 1.01 0.00	40.04 1.03 0.00	39.89 0.95 0.00	57.26 0.97 0.00	139.50 3.05 0.00	74.71 2.04 0.00	96.30 2.83 0.00	76.32 2.20 0.00	90.72 2.60 0.00	88.72 2.32 0.00	63.72 1.45 0.00	126.31 3.17 0.00	106.55 2.63 0.00	55.37 1.45 0.00
CRICKET___VALLEY_CC3 323758	26.04 0.85 0.00	22.84 1.01 0.00	21.55 0.90 0.00	17.82 0.70 0.00	17.71 0.63 0.00	19.83 0.70 0.00	26.47 0.87 0.00	29.45 0.91 -3.70	31.34 1.09 -0.11	32.36 0.99 -2.09	36.96 1.01 0.00	40.04 1.03 0.00	39.89 0.95 0.00	57.26 0.97 0.00	139.50 3.05 0.00	74.71 2.04 0.00	96.30 2.83 0.00	76.32 2.20 0.00	90.72 2.60 0.00	88.72 2.32 0.00	63.72 1.45 0.00	126.31 3.17 0.00	106.55 2.63 0.00	55.37 1.45 0.00
CRUCIBLE_METL_DRP 24180	25.22 0.03 0.00	21.81 -0.01 0.00	20.63 -0.01 0.00	17.12 0.00 0.00	17.05 -0.03 0.00	19.14 0.02 0.00	25.60 0.00 0.00	24.81 -0.02 0.00	30.13 -0.01 0.00	29.27 0.00 0.00	36.00 0.05 0.00	38.98 -0.03 0.00	39.82 0.29 -0.59	63.14 0.73 -6.12	145.26 1.05 -7.75	81.04 0.23 -8.13	99.78 0.05 -6.25	80.55 0.08 -6.35	95.65 0.12 -7.41	93.70 0.09 -7.21	69.30 0.09 -6.93	130.14 0.39 -6.61	108.53 0.45 -4.15	57.27 0.29 -3.07
DAHOWA___HYDRO 323763	26.47 1.28 0.00	23.05 1.22 0.00	21.76 1.12 0.00	18.01 0.89 0.00	17.94 0.86 0.00	20.12 0.99 0.00	26.90 1.30 0.00	27.97 1.29 -1.85	31.81 1.62 -0.05	31.70 1.38 -1.04	37.31 1.37 0.00	40.37 1.36 0.00	40.25 1.31 0.00	58.17 1.87 0.00	142.35 5.90 0.00	76.08 3.40 0.00	98.14 4.67 0.00	77.86 3.74 0.00	93.31 5.19 0.00	91.50 5.10 0.00	65.99 3.71 0.00	130.63 7.49 0.00	109.93 6.00 0.00	56.89 2.98 0.00
DANC___LFGE 323619	24.91 -0.29 0.00	21.39 -0.44 0.00	20.30 -0.35 0.00	16.89 -0.23 0.00	16.85 -0.22 0.00	18.87 -0.26 0.00	25.43 -0.17 0.00	24.72 -0.11 0.00	29.92 -0.23 0.00	29.14 -0.13 0.00	35.94 -0.01 0.00	38.97 -0.04 0.00	39.61 0.01 -0.66	62.88 -0.32 -6.91	143.81 -1.39 -8.75	80.89 -0.97 -9.18	99.55 -0.98 -7.07	81.26 -0.03 -7.17	97.09 0.60 -8.37	95.34 0.80 -8.14	71.13 1.04 -7.83	132.96 2.35 -7.47	110.63 2.01 -4.69	58.10 0.72 -3.47
DANSKAMMER___1 23586	26.54 1.34 0.00	23.16 1.34 0.00	21.84 1.20 0.00	18.07 0.95 0.00	17.96 0.88 0.00	20.11 0.99 0.00	26.90 1.30 0.00	26.17 1.33 0.00	31.77 1.63 0.00	30.87 1.60 0.00	37.84 1.90 0.00	41.15 2.13 0.00	41.07 2.14 0.00	58.97 2.67 0.00	143.43 6.97 0.00	76.70 4.03 0.00	98.91 5.45 0.00	78.44 4.32 0.00	92.99 4.88 0.00	90.84 4.44 0.00	65.25 2.98 0.00	129.35 6.20 0.00	109.10 5.17 0.00	56.51 2.59 0.00
DANSKAMMER___2 23589	26.54 1.34 0.00	23.16 1.34 0.00	21.84 1.20 0.00	18.07 0.95 0.00	17.96 0.88 0.00	20.11 0.99 0.00	26.90 1.30 0.00	26.17 1.33 0.00	31.77 1.63 0.00	30.87 1.60 0.00	37.84 1.90 0.00	41.15 2.13 0.00	41.07 2.14 0.00	58.97 2.67 0.00	143.43 6.97 0.00	76.70 4.03 0.00	98.91 5.45 0.00	78.44 4.32 0.00	92.99 4.88 0.00	90.84 4.44 0.00	65.25 2.98 0.00	129.35 6.20 0.00	109.10 5.17 0.00	56.51 2.59 0.00
DANSKAMMER___3 23590	26.54 1.34 0.00	23.16 1.34 0.00	21.84 1.20 0.00	18.07 0.95 0.00	17.96 0.88 0.00	20.11 0.99 0.00	26.90 1.30 0.00	26.17 1.33 0.00	31.77 1.63 0.00	30.87 1.60 0.00	37.84 1.90 0.00	41.15 2.13 0.00	41.07 2.14 0.00	58.97 2.67 0.00	143.43 6.97 0.00	76.70 4.03 0.00	98.91 5.45 0.00	78.44 4.32 0.00	92.99 4.88 0.00	90.84 4.44 0.00	65.25 2.98 0.00	129.35 6.20 0.00	109.10 5.17 0.00	56.51 2.59 0.00
DANSKAMMER___4 23591	26.54 1.34 0.00	23.16 1.34 0.00	21.84 1.20 0.00	18.07 0.95 0.00	17.96 0.88 0.00	20.11 0.99 0.00	26.90 1.30 0.00	26.17 1.33 0.00	31.77 1.63 0.00	30.87 1.60 0.00	37.84 1.90 0.00	41.15 2.13 0.00	41.07 2.14 0.00	58.97 2.67 0.00	143.43 6.97 0.00	76.70 4.03 0.00	98.91 5.45 0.00	78.44 4.32 0.00	92.99 4.88 0.00	90.84 4.44 0.00	65.25 2.98 0.00	129.35 6.20 0.00	109.10 5.17 0.00	56.51 2.59 0.00
DANSKAMMER___DIESEL 23592	26.54 1.34 0.00	23.16 1.34 0.00	21.84 1.20 0.00	18.07 0.95 0.00	17.97 0.89 0.00	20.12 0.99 0.00	26.90 1.30 0.00	26.17 1.34 0.00	31.78 1.63 0.00	30.87 1.60 0.00	37.85 1.90 0.00	41.14 2.13 0.00	41.07 2.14 0.00	58.95 2.66 0.00	143.43 6.97 0.00	76.71 4.03 0.00	98.90 5.43 0.00	78.43 4.31 0.00	92.99 4.88 0.00	90.84 4.45 0.00	65.25 2.98 0.00	129.35 6.21 0.00	109.12 5.19 0.00	56.51 2.60 0.00
DARBY___SOLAR 323810	26.45 1.25 0.00	23.02 1.20 0.00	21.75 1.10 0.00	17.99 0.87 0.00	17.92 0.84 0.00	20.10 0.97 0.00	26.87 1.27 0.00	27.94 1.25 -1.86	31.75 1.55 -0.05	31.65 1.33 -1.05	37.26 1.31 0.00	40.32 1.31 0.00	40.18 1.24 0.00	58.04 1.75 0.00	141.93 5.47 0.00	75.82 3.15 0.00	97.82 4.35 0.00	77.63 3.51 0.00	92.93 4.82 0.00	91.15 4.75 0.00	65.72 3.45 0.00	130.16 7.01 0.00	109.60 5.67 0.00	56.73 2.82 0.00
DASHVILLE___HYD 23610	26.02 0.83 0.00	22.73 0.91 0.00	21.44 0.79 0.00	17.75 0.63 0.00	17.64 0.56 0.00	19.75 0.62 0.00	26.38 0.78 0.00	25.67 0.83 0.00	31.19 1.04 0.00	30.34 1.06 0.00	37.21 1.26 0.00	40.44 1.43 0.00	40.32 1.38 0.00	57.80 1.50 0.00	140.35 3.90 0.00	75.18 2.50 0.00	96.94 3.47 0.00	76.74 2.62 0.00	90.86 2.74 0.00	88.76 2.36 0.00	63.73 1.46 0.00	126.52 3.37 0.00	106.77 2.84 0.00	55.40 1.49 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	27.55 2.36 0.00	23.98 2.16 0.00	22.73 2.09 0.00	18.98 1.86 0.00	18.85 1.77 0.00	20.92 1.79 0.00	27.81 2.21 0.00	35.32 2.33 -8.15	33.39 3.01 -0.24	36.97 3.09 -4.61	39.87 3.79 -0.13	46.09 4.67 -2.41	52.68 4.77 -8.97	61.88 5.47 -0.11	150.01 13.55 0.00	80.48 7.80 0.00	144.69 10.51 -40.71	222.86 8.32 -140.41	207.52 8.90 -110.51	119.83 8.44 -24.99	69.05 6.14 -0.64	134.05 10.90 0.00	111.30 7.37 0.00	58.89 4.97 0.00
DELAWARE___LFGE 323621	26.01 0.82 0.00	22.57 0.74 0.00	21.34 0.69 0.00	17.66 0.55 0.00	17.59 0.51 0.00	19.73 0.60 0.00	26.42 0.82 0.00	25.62 0.78 0.00	31.11 0.97 0.00	30.24 0.97 0.00	37.14 1.19 0.00	40.27 1.26 0.00	40.33 1.29 -0.11	59.05 1.63 -1.13	141.83 3.93 -1.44	76.34 2.15 -1.51	97.43 2.81 -1.16	77.56 2.26 -1.17	92.06 2.57 -1.37	90.15 2.42 -1.33	65.26 1.71 -1.28	127.96 3.59 -1.22	107.87 3.17 -0.77	56.18 1.70 -0.57
DERFIELD_115KV_TB7 355931	25.21 0.02 0.00	21.84 0.02 0.00	20.67 0.02 0.00	17.14 0.02 0.00	17.10 0.02 0.00	19.15 0.02 0.00	25.63 0.03 0.00	24.85 0.02 0.00	30.14 0.00 0.00	29.27 0.00 0.00	35.95 0.00 0.00	39.00 -0.01 0.00	38.91 -0.02 0.00	56.22 -0.07 0.00	136.30 -0.16 0.00	72.61 -0.07 0.00	93.42 -0.05 0.00	74.12 0.00 0.00	88.11 0.00 0.00	86.40 0.00 0.00	62.27 0.00 0.00	123.15 0.00 0.00	103.94 0.01 0.00	53.91 0.00 0.00
DOGLEVILLE___HYD 23807	24.87 -0.32 0.00	21.76 -0.06 0.00	20.56 -0.08 0.00	17.04 -0.07 0.00	16.93 -0.16 0.00	19.02 -0.10 0.00	25.42 -0.18 0.00	24.60 -0.23 0.00	29.85 -0.29 0.00	28.89 -0.38 0.00	35.27 -0.68 0.00	38.30 -0.71 0.00	38.36 -0.58 0.00	55.19 -1.10 0.00	134.25 -2.21 0.00	71.52 -1.16 0.00	92.76 -0.71 0.00	73.55 -0.57 0.00	87.67 -0.45 0.00	86.06 -0.33 0.00	62.06 -0.21 0.00	123.24 0.09 0.00	103.54 -0.39 0.00	53.50 -0.41 0.00
DUNKIRK___115KV_TB_200 55889	26.90 1.71 0.00	23.04 1.21 0.00	21.73 1.09 0.00	17.85 0.73 0.00	17.69 0.61 0.00	20.09 0.96 0.00	27.03 1.42 0.00	25.90 1.06 0.00	31.54 1.40 0.00	30.87 1.60 0.00	38.28 2.33 0.00	40.80 1.79 0.00	41.36 2.42 0.00	60.21 3.92 0.00	144.77 8.31 0.00	76.94 4.26 0.00	98.09 4.62 0.00	77.59 3.47 0.00	91.64 3.53 0.00	89.64 3.24 0.00	65.00 2.73 0.00	129.65 6.50 0.00	110.40 6.47 0.00	57.58 3.67 0.00
DUNKIRK___1 23563	26.90 1.71 0.00	23.04 1.21 0.00	21.73 1.09 0.00	17.85 0.73 0.00	17.69 0.61 0.00	20.09 0.96 0.00	27.03 1.42 0.00	25.90 1.06 0.00	31.54 1.40 0.00	30.87 1.60 0.00	38.28 2.33 0.00	40.80 1.79 0.00	41.36 2.42 0.00	60.21 3.92 0.00	144.77 8.31 0.00	76.94 4.26 0.00	98.09 4.62 0.00	77.59 3.47 0.00	91.64 3.53 0.00	89.64 3.24 0.00	65.00 2.73 0.00	129.65 6.50 0.00	110.40 6.47 0.00	57.58 3.67 0.00
DUNKIRK___2 23564	26.90 1.71 0.00	23.04 1.21 0.00	21.73 1.09 0.00	17.85 0.73 0.00	17.69 0.61 0.00	20.09 0.96 0.00	27.03 1.42 0.00	25.90 1.06 0.00	31.54 1.40 0.00	30.87 1.60 0.00	38.28 2.33 0.00	40.80 1.79 0.00	41.36 2.42 0.00	60.21 3.92 0.00	144.77 8.31 0.00	76.94 4.26 0.00	98.09 4.62 0.00	77.59 3.47 0.00	91.64 3.53 0.00	89.64 3.24 0.00	65.00 2.73 0.00	129.65 6.50 0.00	110.40 6.47 0.00	57.58 3.67 0.00
DUNKIRK___3 23565	26.76 1.56 0.00	22.92 1.09 0.00	21.62 0.98 0.00	17.76 0.64 0.00	17.60 0.52 0.00	19.97 0.85 0.00	26.86 1.26 0.00	25.73 0.89 0.00	31.31 1.17 0.00	30.60 1.33 0.00	37.90 1.95 0.00	40.37 1.36 0.00	40.92 1.98 0.00	59.55 3.26 0.00	143.13 6.67 0.00	76.07 3.39 0.00	96.95 3.48 0.00	76.76 2.64 0.00	90.62 2.51 0.00	88.72 2.32 0.00	64.32 2.05 0.00	128.41 5.26 0.00	109.37 5.44 0.00	57.09 3.17 0.00
DUNKIRK___4 23566	26.76 1.56 0.00	22.92 1.09 0.00	21.62 0.98 0.00	17.76 0.64 0.00	17.60 0.52 0.00	19.97 0.85 0.00	26.86 1.26 0.00	25.73 0.89 0.00	31.31 1.17 0.00	30.60 1.33 0.00	37.90 1.95 0.00	40.37 1.36 0.00	40.92 1.98 0.00	59.55 3.26 0.00	143.13 6.67 0.00	76.07 3.39 0.00	96.95 3.48 0.00	76.76 2.64 0.00	90.62 2.51 0.00	88.72 2.32 0.00	64.32 2.05 0.00	128.41 5.26 0.00	109.37 5.44 0.00	57.09 3.17 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.42 1.22 0.00	23.08 1.26 0.00	21.76 1.11 0.00	18.00 0.89 0.00	17.90 0.82 0.00	20.04 0.91 0.00	26.80 1.20 0.00	34.30 1.25 -8.21	31.92 1.54 -0.24	35.42 1.51 -4.64	37.67 1.73 0.00	40.97 1.96 0.00	40.88 1.94 0.00	58.50 2.21 0.00	142.17 5.71 0.00	76.05 3.37 0.00	97.94 4.47 0.00	77.60 3.48 0.00	91.85 3.74 0.00	89.71 3.32 0.00	64.40 2.13 0.00	127.86 4.72 0.00	107.68 3.75 0.00	55.85 1.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	26.29 1.10 0.00	22.94 1.11 0.00	21.63 0.98 0.00	17.90 0.78 0.00	17.80 0.71 0.00	19.92 0.79 0.00	26.64 1.03 0.00	24.02 1.07 1.88	31.38 1.29 0.06	29.46 1.25 1.06	37.43 1.48 0.00	40.72 1.71 0.00	40.64 1.71 0.00	58.29 2.00 0.00	141.68 5.22 0.00	75.76 3.09 0.00	97.58 4.12 0.00	77.39 3.27 0.00	91.73 3.62 0.00	89.71 3.31 0.00	64.47 2.20 0.00	127.98 4.83 0.00	107.95 4.02 0.00	55.93 2.02 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	26.57 1.38 0.00	23.20 1.38 0.00	21.86 1.21 0.00	18.09 0.98 0.00	17.98 0.89 0.00	20.13 1.00 0.00	26.95 1.35 0.00	34.47 1.39 -8.24	32.08 1.69 -0.24	35.53 1.60 -4.66	37.78 1.83 0.00	41.07 2.05 0.00	41.07 2.14 0.00	58.62 2.33 0.00	142.10 5.64 0.00	75.87 3.19 0.00	97.69 4.23 0.00	77.35 3.23 0.00	91.47 3.36 0.00	89.49 3.10 0.00	64.25 1.98 0.00	127.54 4.39 0.00	107.33 3.39 0.00	55.73 1.82 0.00
E179THST_13_KV_LOAD 356214	26.72 1.53 0.00	23.34 1.51 0.00	21.97 1.33 0.00	18.19 1.07 0.00	18.07 0.99 0.00	20.24 1.12 0.00	27.11 1.51 0.00	34.62 1.54 -8.24	32.28 1.89 -0.24	35.72 1.79 -4.66	38.03 2.08 0.00	41.34 2.33 0.00	41.36 2.42 0.00	59.03 2.73 0.00	143.15 6.69 0.00	76.43 3.75 0.00	98.43 4.96 0.00	77.93 3.80 0.00	92.12 4.01 0.00	90.16 3.77 0.00	64.71 2.43 0.00	128.47 5.32 0.00	108.09 4.16 0.00	56.13 2.22 0.00
EAST HAMPTON___GT 23717	28.07 2.88 0.00	24.39 2.57 0.00	23.11 2.46 0.00	19.29 2.17 0.00	19.16 2.08 0.00	21.27 2.15 0.00	28.32 2.72 0.00	35.84 2.85 -8.15	34.06 3.68 -0.24	37.61 3.72 -4.61	40.49 4.41 -0.13	46.79 5.37 -2.41	53.38 5.47 -8.97	63.02 6.61 -0.11	152.66 16.21 0.00	81.74 9.06 0.00	146.39 12.19 -40.74	224.34 9.72 -140.49	209.28 10.57 -110.60	121.35 9.92 -25.02	70.30 7.38 -0.65	136.69 13.55 0.00	113.62 9.69 0.00	60.14 6.22 0.00
EAST RIVER___6 23660	26.53 1.34 0.00	23.19 1.37 0.00	21.84 1.19 0.00	18.07 0.95 0.00	17.96 0.88 0.00	20.11 0.98 0.00	26.91 1.31 0.00	34.47 1.39 -8.24	32.12 1.73 -0.24	35.67 1.73 -4.66	37.94 1.99 0.00	41.26 2.25 0.00	41.14 2.21 0.00	58.82 2.53 0.00	142.81 6.35 0.00	76.43 3.75 0.00	98.40 4.94 0.00	77.94 3.81 0.00	92.15 4.03 0.00	89.93 3.53 0.00	64.45 2.18 0.00	128.01 4.87 0.00	107.62 3.69 0.00	55.78 1.86 0.00

EAST RIVER___7 23524	26.53 1.34 0.00	23.19 1.37 0.00	21.84 1.19 0.00	18.07 0.95 0.00	17.96 0.88 0.00	20.11 0.98 0.00	26.91 1.31 0.00	34.47 1.39 -8.24	32.12 1.73 -0.24	35.67 1.73 -4.66	37.94 1.99 0.00	41.26 2.25 0.00	41.14 2.21 0.00	58.82 2.53 0.00	142.81 6.35 0.00	76.43 3.75 0.00	98.40 4.94 0.00	77.94 3.81 0.00	92.15 4.03 0.00	89.93 3.53 0.00	64.45 2.18 0.00	128.01 4.87 0.00	107.62 3.69 0.00	55.78 1.86 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.36 1.17 0.00	23.04 1.21 0.00	21.72 1.07 0.00	17.97 0.85 0.00	17.86 0.79 0.00	20.00 0.87 0.00	26.74 1.14 0.00	34.76 1.19 -8.74	31.85 1.45 -0.26	35.63 1.42 -4.94	37.59 1.64 0.00	40.88 1.87 0.00	40.79 1.86 0.00	58.40 2.10 0.00	141.90 5.44 0.00	75.89 3.21 0.00	97.72 4.25 0.00	77.42 3.30 0.00	91.66 3.55 0.00	89.54 3.14 0.00	64.31 2.04 0.00	127.70 4.55 0.00	107.58 3.65 0.00	55.80 1.88 0.00
EAST_HAMPTON___DIESEL 23722	28.07 2.88 0.00	24.39 2.57 0.00	23.11 2.46 0.00	19.29 2.17 0.00	19.16 2.08 0.00	21.27 2.15 0.00	28.32 2.72 0.00	35.84 2.85 -8.15	34.06 3.69 -0.24	37.62 3.74 -4.61	40.50 4.43 -0.13	46.82 5.40 -2.41	53.42 5.51 -8.97	63.07 6.66 -0.11	152.78 16.33 0.00	81.79 9.11 0.00	146.47 12.27 -40.74	224.39 9.78 -140.49	209.35 10.63 -110.60	121.43 10.00 -25.02	70.34 7.42 -0.65	136.71 13.56 0.00	113.62 9.69 0.00	60.14 6.23 0.00
EAST_PULASKI___ESR 323781	24.90 -0.29 0.00	21.47 -0.35 0.00	20.34 -0.30 0.00	16.90 -0.22 0.00	16.85 -0.24 0.00	18.88 -0.25 0.00	25.31 -0.29 0.00	24.53 -0.31 0.00	29.68 -0.46 0.00	28.88 -0.40 0.00	35.53 -0.41 0.00	38.50 -0.51 0.00	39.49 -0.38 -0.94	65.39 -0.63 -9.73	146.85 -1.92 -12.32	84.41 -1.19 -12.93	101.90 -1.51 -9.94	83.38 -0.83 -10.09	99.20 -0.70 -11.78	97.27 -0.59 -11.46	73.08 -0.21 -11.02	133.61 -0.05 -10.51	110.50 -0.03 -6.60	58.61 -0.18 -4.88
EAST_RIVER___1 323558	26.49 1.30 0.00	23.15 1.32 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.94 0.86 0.00	20.09 0.96 0.00	26.88 1.29 0.00	34.43 1.35 -8.24	32.06 1.68 -0.24	35.60 1.66 -4.66	37.84 1.90 0.00	41.15 2.14 0.00	41.06 2.13 0.00	58.73 2.43 0.00	142.58 6.13 0.00	76.18 3.50 0.00	98.12 4.65 0.00	77.70 3.58 0.00	91.87 3.76 0.00	89.68 3.28 0.00	64.31 2.04 0.00	127.68 4.54 0.00	107.41 3.48 0.00	55.70 1.79 0.00
EAST_RIVER___2 323559	26.53 1.34 0.00	23.19 1.37 0.00	21.84 1.19 0.00	18.07 0.95 0.00	17.96 0.88 0.00	20.11 0.98 0.00	26.91 1.31 0.00	34.47 1.39 -8.24	32.12 1.73 -0.24	35.67 1.73 -4.66	37.94 1.99 0.00	41.26 2.25 0.00	41.14 2.21 0.00	58.82 2.53 0.00	142.81 6.35 0.00	76.43 3.75 0.00	98.40 4.94 0.00	77.94 3.81 0.00	92.15 4.03 0.00	89.93 3.53 0.00	64.45 2.18 0.00	128.01 4.87 0.00	107.62 3.69 0.00	55.78 1.86 0.00
EAST___DELAWARE_HYD 23607	25.85 0.66 0.00	22.50 0.68 0.00	21.18 0.54 0.00	17.52 0.40 0.00	17.45 0.37 0.00	19.52 0.39 0.00	26.11 0.51 0.00	24.23 0.57 1.18	30.82 0.71 0.04	29.33 0.72 0.67	36.74 0.80 0.00	40.01 1.00 0.00	39.68 0.74 0.00	55.64 -0.65 0.00	135.48 -0.98 0.00	73.18 0.50 0.00	94.68 1.21 0.00	75.08 0.95 0.00	89.07 0.95 0.00	87.14 0.74 0.00	62.75 0.48 0.00	126.96 3.82 0.00	106.84 2.91 0.00	55.29 1.38 0.00
EIGHT_POINT___WT_PWR 323820	26.69 1.50 0.00	22.94 1.12 0.00	21.63 0.98 0.00	17.78 0.67 0.00	17.65 0.57 0.00	19.95 0.82 0.00	26.74 1.14 0.00	25.73 0.89 0.00	31.29 1.15 0.00	30.54 1.27 0.00	37.68 1.73 0.00	40.29 1.28 0.00	40.87 1.81 -0.12	60.42 2.90 -1.23	144.23 6.21 -1.56	77.46 3.14 -1.63	98.21 3.49 -1.26	78.24 2.84 -1.28	92.47 2.86 -1.49	90.61 2.76 -1.45	65.90 2.24 -1.39	129.83 5.35 -1.33	109.97 5.20 -0.83	57.39 2.86 -0.62
ELBRIDGE_115KV_TB2 80188	25.18 -0.01 0.00	21.79 -0.03 0.00	20.61 -0.04 0.00	17.10 -0.02 0.00	17.04 -0.05 0.00	19.13 0.01 0.00	25.58 -0.02 0.00	24.79 -0.05 0.00	30.10 -0.04 0.00	29.24 -0.04 0.00	35.95 0.00 0.00	38.96 -0.05 0.00	39.69 0.13 -0.63	63.21 0.39 -6.52	145.39 0.67 -8.26	81.60 0.26 -8.67	100.31 0.17 -6.67	81.02 0.13 -6.77	96.19 0.17 -7.90	94.25 0.16 -7.69	69.81 0.15 -7.39	130.71 0.52 -7.05	108.70 0.35 -4.43	57.40 0.22 -3.27
ELEC_TRO_TEK 24086	26.58 1.39 0.00	23.22 1.39 0.00	21.94 1.30 0.00	18.20 1.09 0.00	18.09 1.01 0.00	20.18 1.05 0.00	26.84 1.24 0.00	34.29 1.30 -8.15	32.04 1.66 -0.24	35.54 1.66 -4.61	38.15 2.08 -0.13	43.88 2.46 -2.41	50.29 2.38 -8.97	58.63 2.33 0.00	142.69 6.24 0.00	76.46 3.78 0.00	98.59 5.13 0.00	78.94 4.10 -0.72	93.41 4.17 -1.13	90.17 3.78 0.00	64.80 2.52 0.00	128.20 5.05 0.00	107.63 3.70 0.00	56.29 2.37 0.00
ELLENBURG_WT_PWR 323604	25.30 0.11 0.00	21.77 -0.06 0.00	20.55 -0.09 0.00	17.00 -0.11 0.00	17.04 -0.04 0.00	19.12 -0.01 0.00	25.65 0.05 0.00	25.09 0.26 0.00	30.48 0.33 0.00	29.49 0.22 0.00	36.22 0.27 0.00	39.35 0.34 0.00	39.13 0.20 0.00	56.89 0.60 0.00	137.39 0.94 0.00	72.65 -0.03 0.00	93.61 0.14 0.00	74.38 0.26 0.00	88.54 0.42 0.00	86.80 0.40 0.00	62.82 0.55 0.00	124.45 1.30 0.00	105.14 1.21 0.00	54.56 0.64 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.67 1.48 0.00	22.78 0.95 0.00	21.54 0.89 0.00	17.73 0.62 0.00	17.54 0.45 0.00	19.89 0.76 0.00	26.76 1.16 0.00	25.53 0.69 0.00	30.99 0.85 0.00	30.17 0.90 0.00	37.29 1.34 0.00	39.66 0.65 0.00	40.20 1.26 0.00	58.56 2.27 0.00	140.59 4.13 0.00	74.61 1.93 0.00	95.01 1.54 0.00	75.51 1.38 0.00	89.08 0.96 0.00	87.44 1.05 0.00	63.34 1.06 0.00	126.72 3.57 0.00	108.04 4.11 0.00	56.61 2.70 0.00
EMPIRE_CC_1 323656	25.76 0.57 0.00	22.54 0.71 0.00	21.32 0.68 0.00	17.67 0.55 0.00	17.58 0.50 0.00	19.70 0.57 0.00	26.30 0.70 0.00	27.66 0.55 -2.27	30.89 0.68 -0.07	31.06 0.50 -1.28	36.23 0.28 0.00	39.22 0.21 0.00	39.01 0.07 0.00	56.07 -0.23 0.00	136.60 0.14 0.00	72.84 0.16 0.00	93.82 0.36 0.00	74.39 0.27 0.00	88.82 0.70 0.00	87.27 0.87 0.00	62.94 0.66 0.00	124.70 1.55 0.00	105.29 1.36 0.00	54.72 0.81 0.00
EMPIRE_CC_2 323658	25.76 0.57 0.00	22.54 0.71 0.00	21.32 0.68 0.00	17.67 0.55 0.00	17.58 0.50 0.00	19.70 0.57 0.00	26.30 0.70 0.00	27.66 0.55 -2.27	30.89 0.68 -0.07	31.06 0.50 -1.28	36.23 0.28 0.00	39.22 0.21 0.00	39.01 0.07 0.00	56.07 -0.23 0.00	136.60 0.14 0.00	72.84 0.16 0.00	93.82 0.36 0.00	74.39 0.27 0.00	88.82 0.70 0.00	87.27 0.87 0.00	62.94 0.66 0.00	124.70 1.55 0.00	105.29 1.36 0.00	54.72 0.81 0.00
ENORWICH_115KV_TB1 80156	27.19 2.00 0.00	23.47 1.65 0.00	22.14 1.49 0.00	18.31 1.19 0.00	18.21 1.13 0.00	20.54 1.42 0.00	27.64 2.04 0.00	26.79 1.95 0.00	32.52 2.38 0.00	31.40 2.13 0.00	38.56 2.61 0.00	41.68 2.67 0.00	42.51 3.33 -0.24	63.57 4.80 -2.48	151.99 12.39 -3.14	82.03 6.06 -3.29	104.33 8.33 -2.53	83.52 6.82 -2.57	99.61 8.49 -3.00	98.20 8.88 -2.92	71.61 6.53 -2.80	138.80 12.97 -2.68	116.05 10.44 -1.68	60.13 4.97 -1.24

ERIE_ST__34_KV_TB1-2 80199	26.84 1.65 0.00	22.91 1.09 0.00	21.63 0.99 0.00	17.80 0.69 0.00	17.60 0.52 0.00	19.95 0.82 0.00	26.86 1.26 0.00	25.71 0.87 0.00	31.27 1.13 0.00	30.56 1.29 0.00	37.82 1.87 0.00	40.25 1.24 0.00	40.85 1.92 0.00	59.49 3.20 0.00	143.12 6.67 0.00	76.04 3.36 0.00	96.94 3.47 0.00	77.05 2.93 0.00	90.87 2.75 0.00	89.14 2.74 0.00	64.56 2.29 0.00	128.90 5.75 0.00	109.68 5.74 0.00	57.26 3.35 0.00
ERIE_WT_PWR 323693	26.80 1.60 0.00	22.89 1.06 0.00	21.64 1.00 0.00	17.81 0.69 0.00	17.61 0.53 0.00	19.97 0.84 0.00	26.86 1.26 0.00	25.65 0.82 0.00	31.18 1.04 0.00	30.38 1.10 0.00	37.54 1.59 0.00	39.94 0.93 0.00	40.53 1.59 0.00	58.98 2.68 0.00	141.73 5.27 0.00	75.26 2.58 0.00	95.91 2.45 0.00	76.24 2.11 0.00	89.92 1.80 0.00	88.26 1.87 0.00	63.91 1.64 0.00	127.73 4.58 0.00	108.85 4.92 0.00	56.97 3.06 0.00
ESPRGFLD_115KV_TB1 80157	27.14 1.95 0.00	23.36 1.54 0.00	22.05 1.41 0.00	18.23 1.12 0.00	18.20 1.12 0.00	20.40 1.27 0.00	27.43 1.83 0.00	26.62 1.78 0.00	32.31 2.17 0.00	31.52 2.25 0.00	38.92 2.97 0.00	42.25 3.24 0.00	42.30 3.37 0.00	61.08 4.79 0.00	147.59 11.13 0.00	78.60 5.93 0.00	101.23 7.76 0.00	80.37 6.25 0.00	95.11 6.99 0.00	93.18 6.79 0.00	67.21 4.94 0.00	132.89 9.74 0.00	112.28 8.35 0.00	58.14 4.22 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	25.88 0.69 0.00	22.38 0.56 0.00	21.15 0.50 0.00	17.50 0.39 0.00	17.44 0.35 0.00	19.61 0.48 0.00	26.26 0.66 0.00	25.45 0.62 0.00	30.88 0.74 0.00	30.00 0.73 0.00	36.87 0.92 0.00	39.91 0.90 0.00	40.44 1.17 -0.33	61.48 1.75 -3.44	145.04 4.23 -4.35	79.39 2.14 -4.57	99.78 2.80 -3.51	80.03 2.34 -3.56	95.21 2.93 -4.16	93.47 3.02 -4.05	68.44 2.28 -3.89	131.56 4.70 -3.71	110.04 3.78 -2.33	57.48 1.84 -1.72
ETNA____115KV_TB2 80207	25.88 0.69 0.00	22.38 0.56 0.00	21.15 0.50 0.00	17.50 0.39 0.00	17.44 0.35 0.00	19.61 0.48 0.00	26.26 0.66 0.00	25.45 0.62 0.00	30.88 0.74 0.00	30.00 0.73 0.00	36.87 0.92 0.00	39.91 0.90 0.00	40.44 1.17 -0.33	61.48 1.75 -3.44	145.04 4.23 -4.35	79.39 2.14 -4.57	99.78 2.80 -3.51	80.03 2.34 -3.56	95.21 2.93 -4.16	93.47 3.02 -4.05	68.44 2.28 -3.89	131.56 4.70 -3.71	110.04 3.78 -2.33	57.48 1.84 -1.72
EUCLID____115KV_TB2 356179	24.96 -0.23 0.00	21.59 -0.23 0.00	20.43 -0.22 0.00	16.94 -0.18 0.00	16.87 -0.21 0.00	18.93 -0.20 0.00	25.32 -0.28 0.00	24.53 -0.30 0.00	29.81 -0.33 0.00	28.99 -0.28 0.00	35.67 -0.27 0.00	38.63 -0.38 0.00	39.02 -0.19 -0.27	58.94 -0.17 -2.82	139.34 -0.69 -3.57	75.99 -0.44 -3.75	95.69 -0.66 -2.89	76.60 -0.45 -2.93	90.96 -0.58 -3.42	89.13 -0.60 -3.33	65.04 -0.43 -3.20	125.48 -0.72 -3.05	105.26 -0.58 -1.92	55.01 -0.33 -1.42
E_CANADA_CAP_HY 24051	27.62 2.42 0.00	23.74 1.92 0.00	22.42 1.77 0.00	18.56 1.44 0.00	18.54 1.46 0.00	20.76 1.64 0.00	27.91 2.31 0.00	28.37 2.24 -1.30	32.86 2.68 -0.04	32.68 2.67 -0.73	39.40 3.45 0.00	42.76 3.75 0.00	42.75 3.81 0.00	61.58 5.29 0.00	148.96 12.50 0.00	79.50 6.82 0.00	102.61 9.14 0.00	81.53 7.40 0.00	96.41 8.29 0.00	94.57 8.17 0.00	68.30 6.03 0.00	135.23 12.08 0.00	114.28 10.35 0.00	59.10 5.19 0.00
E_CANADA_MHWK_HY 24050	24.87 -0.32 0.00	21.76 -0.06 0.00	20.56 -0.08 0.00	17.04 -0.07 0.00	16.93 -0.16 0.00	19.02 -0.10 0.00	25.42 -0.18 0.00	24.60 -0.23 0.00	29.85 -0.29 0.00	28.89 -0.38 0.00	35.27 -0.68 0.00	38.30 -0.71 0.00	38.36 -0.58 0.00	55.19 -1.10 0.00	134.25 -2.21 0.00	71.52 -1.16 0.00	92.76 -0.71 0.00	73.55 -0.57 0.00	87.67 -0.45 0.00	86.06 -0.33 0.00	62.06 -0.21 0.00	123.24 0.09 0.00	103.54 -0.39 0.00	53.50 -0.41 0.00
E_FISHKILL____LBMP 23776	26.19 1.00 0.00	22.90 1.08 0.00	21.60 0.95 0.00	17.88 0.76 0.00	17.78 0.70 0.00	19.90 0.77 0.00	26.59 0.99 0.00	29.05 1.03 -3.19	31.48 1.24 -0.09	32.27 1.19 -1.81	37.27 1.33 0.00	40.48 1.47 0.00	40.36 1.42 0.00	57.83 1.54 0.00	140.59 4.14 0.00	75.19 2.51 0.00	96.86 3.40 0.00	76.75 2.63 0.00	91.02 2.90 0.00	89.01 2.62 0.00	63.95 1.68 0.00	126.93 3.78 0.00	107.06 3.14 0.00	55.56 1.65 0.00
FALCON____SEABRD_CC1 323796	25.64 0.45 0.00	22.04 0.22 0.00	20.79 0.14 0.00	17.19 0.07 0.00	17.22 0.14 0.00	19.33 0.20 0.00	25.94 0.34 0.00	25.43 0.59 0.00	30.88 0.73 0.00	29.83 0.55 0.00	36.54 0.59 0.00	39.63 0.62 0.00	39.31 0.38 0.00	57.24 0.94 0.00	137.93 1.47 0.00	72.68 0.01 0.00	93.78 0.31 0.00	74.56 0.43 0.00	88.77 0.66 0.00	86.96 0.56 0.00	63.09 0.81 0.00	125.39 2.24 0.00	106.40 2.48 0.00	55.30 1.39 0.00
FALCON____SEABRD_CC2 323797	25.64 0.45 0.00	22.04 0.22 0.00	20.79 0.14 0.00	17.19 0.07 0.00	17.22 0.14 0.00	19.33 0.20 0.00	25.94 0.34 0.00	25.43 0.59 0.00	30.88 0.73 0.00	29.83 0.55 0.00	36.54 0.59 0.00	39.63 0.62 0.00	39.31 0.38 0.00	57.24 0.94 0.00	137.93 1.47 0.00	72.68 0.01 0.00	93.78 0.31 0.00	74.56 0.43 0.00	88.77 0.66 0.00	86.96 0.56 0.00	63.09 0.81 0.00	125.39 2.24 0.00	106.40 2.48 0.00	55.30 1.39 0.00
FAR ROCKAWAY____4 23548	27.02 1.83 0.00	23.57 1.75 0.00	22.26 1.61 0.00	18.46 1.34 0.00	18.33 1.25 0.00	20.45 1.32 0.00	27.20 1.60 0.00	34.64 1.65 -8.15	32.51 2.13 -0.24	35.79 1.91 -4.61	38.38 2.30 -0.13	44.18 2.76 -2.41	50.62 2.72 -8.97	59.15 2.86 0.00	144.16 7.70 0.00	77.24 4.56 0.00	99.72 6.25 0.00	79.87 5.03 -0.72	94.49 5.24 -1.13	91.18 4.78 0.00	65.45 3.17 0.00	129.14 5.99 0.00	108.34 4.42 0.00	56.70 2.78 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.52 1.32 0.00	23.17 1.35 0.00	21.83 1.18 0.00	18.06 0.95 0.00	17.96 0.88 0.00	20.11 0.98 0.00	26.91 1.31 0.00	34.46 1.38 -8.24	32.10 1.71 -0.24	35.62 1.69 -4.66	37.87 1.93 0.00	41.19 2.18 0.00	41.10 2.16 0.00	58.75 2.46 0.00	142.64 6.19 0.00	76.22 3.55 0.00	98.19 4.73 0.00	77.75 3.62 0.00	91.94 3.82 0.00	89.76 3.36 0.00	64.34 2.07 0.00	127.76 4.61 0.00	107.51 3.58 0.00	55.73 1.82 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.54 1.35 0.00	23.19 1.37 0.00	21.85 1.20 0.00	18.08 0.96 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.93 1.33 0.00	34.48 1.40 -8.24	32.11 1.73 -0.24	35.64 1.71 -4.66	37.89 1.95 0.00	41.21 2.20 0.00	41.12 2.18 0.00	58.79 2.50 0.00	142.75 6.29 0.00	76.30 3.62 0.00	98.27 4.80 0.00	77.81 3.69 0.00	92.02 3.90 0.00	89.83 3.44 0.00	64.42 2.15 0.00	127.90 4.75 0.00	107.62 3.69 0.00	55.79 1.88 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.50 1.31 0.00	23.16 1.33 0.00	21.82 1.17 0.00	18.05 0.94 0.00	17.94 0.86 0.00	20.10 0.98 0.00	26.90 1.30 0.00	34.45 1.37 -8.24	32.08 1.69 -0.24	35.61 1.67 -4.66	37.85 1.91 0.00	41.16 2.15 0.00	41.07 2.13 0.00	58.72 2.43 0.00	142.52 6.07 0.00	76.18 3.50 0.00	98.12 4.65 0.00	77.69 3.57 0.00	91.87 3.75 0.00	89.68 3.28 0.00	64.30 2.03 0.00	127.65 4.50 0.00	107.41 3.48 0.00	55.69 1.77 0.00

FARRAGUT___LBMP 323566	26.48 1.28 0.00	23.13 1.31 0.00	21.80 1.15 0.00	18.04 0.92 0.00	17.93 0.85 0.00	20.08 0.95 0.00	26.87 1.27 0.00	34.42 1.34 -8.24	32.04 1.65 -0.24	35.56 1.63 -4.66	37.79 1.84 0.00	41.10 2.09 0.00	41.01 2.07 0.00	58.62 2.33 0.00	142.32 5.86 0.00	76.05 3.37 0.00	97.95 4.48 0.00	77.57 3.45 0.00	91.72 3.60 0.00	89.56 3.17 0.00	64.22 1.95 0.00	127.51 4.37 0.00	107.30 3.37 0.00	55.63 1.72 0.00
FENNER___WINDPWR 24204	25.68 0.48 0.00	22.20 0.38 0.00	20.99 0.34 0.00	17.40 0.28 0.00	17.32 0.24 0.00	19.44 0.31 0.00	26.05 0.45 0.00	25.27 0.44 0.00	30.69 0.55 0.00	29.87 0.59 0.00	36.80 0.85 0.00	39.89 0.88 0.00	40.29 1.11 -0.25	60.54 1.64 -2.60	143.72 3.96 -3.30	78.11 1.97 -3.46	98.72 2.60 -2.66	78.98 2.16 -2.70	93.98 2.71 -3.15	92.20 2.73 -3.07	67.28 2.05 -2.95	130.05 4.09 -2.81	108.94 3.24 -1.77	56.71 1.49 -1.31
FIBERTEK___ENERGY 23856	25.22 0.03 0.00	21.81 -0.01 0.00	20.63 -0.01 0.00	17.12 0.00 0.00	17.05 -0.03 0.00	19.14 0.02 0.00	25.60 0.00 0.00	24.81 -0.02 0.00	30.13 -0.01 0.00	29.27 0.00 0.00	36.00 0.05 0.00	38.98 -0.03 0.00	39.82 0.29 -0.59	63.14 0.73 -6.12	145.26 1.05 -7.75	81.04 0.23 -8.13	99.78 0.05 -6.25	80.55 0.08 -6.35	95.65 0.12 -7.41	93.70 0.09 -7.21	69.30 0.09 -6.93	130.14 0.39 -6.61	108.53 0.45 -4.15	57.27 0.29 -3.07
FITZPATRICK____ 23598	24.55 -0.65 0.00	21.24 -0.59 0.00	20.10 -0.54 0.00	16.68 -0.43 0.00	16.63 -0.46 0.00	18.63 -0.50 0.00	24.91 -0.69 0.00	24.13 -0.71 0.00	29.29 -0.85 0.00	28.47 -0.80 0.00	34.99 -0.95 0.00	37.90 -1.11 0.00	34.75 -0.97 3.22	21.49 -1.32 33.49	90.64 -3.41 42.41	26.32 -1.84 44.51	56.77 -2.46 34.24	37.49 -1.90 34.73	45.28 -2.27 40.57	44.71 -2.22 39.47	22.74 -1.60 37.93	83.95 -3.01 36.18	78.69 -2.51 22.73	35.82 -1.31 16.79
FLOWRFLD_69_KV_BK1 356044	26.94 1.75 0.00	23.49 1.67 0.00	22.28 1.63 0.00	18.54 1.42 0.00	18.41 1.33 0.00	20.47 1.35 0.00	27.22 1.62 0.00	34.70 1.71 -8.15	32.57 2.19 -0.24	36.16 2.28 -4.61	38.97 2.90 -0.13	45.05 3.63 -2.41	51.50 3.59 -8.97	59.80 3.32 -0.19	144.69 8.23 0.00	77.74 5.05 -0.01	168.37 6.89 -68.01	312.62 5.63 -232.86	294.71 5.83 -200.77	145.70 5.42 -53.88	67.17 3.82 -1.07	129.75 6.60 0.00	108.13 4.20 0.00	57.21 3.29 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.59 1.40 0.00	23.22 1.39 0.00	21.89 1.24 0.00	18.11 0.99 0.00	18.00 0.92 0.00	20.16 1.03 0.00	26.96 1.36 0.00	26.22 1.39 0.00	31.85 1.71 0.00	30.95 1.68 0.00	37.93 1.98 0.00	41.25 2.24 0.00	41.19 2.25 0.00	59.12 2.83 0.00	143.84 7.38 0.00	76.94 4.26 0.00	99.24 5.78 0.00	78.67 4.55 0.00	93.30 5.19 0.00	91.12 4.73 0.00	65.43 3.16 0.00	129.68 6.53 0.00	109.34 5.41 0.00	56.63 2.72 0.00
FORT ORANGE____ 23900	25.64 0.44 0.00	22.37 0.54 0.00	21.16 0.51 0.00	17.53 0.41 0.00	17.46 0.37 0.00	19.58 0.45 0.00	26.17 0.57 0.00	27.24 0.50 -1.90	30.75 0.55 -0.06	30.70 0.35 -1.08	36.07 0.12 0.00	39.10 0.09 0.00	39.33 0.40 0.00	59.27 2.98 0.00	138.47 2.01 0.00	72.76 0.09 0.00	93.73 0.26 0.00	74.38 0.26 0.00	88.42 0.31 0.00	87.04 0.65 0.00	62.76 0.49 0.00	125.03 1.88 0.00	105.59 1.66 0.00	54.58 0.66 0.00
FORT_DRUM_COGEN 23780	25.05 -0.14 0.00	21.43 -0.40 0.00	20.36 -0.29 0.00	16.96 -0.15 0.00	16.95 -0.14 0.00	18.95 -0.18 0.00	25.63 0.03 0.00	24.98 0.14 0.00	30.17 0.03 0.00	29.41 0.14 0.00	36.35 0.41 0.00	39.48 0.47 0.00	39.90 0.47 -0.49	61.54 0.13 -5.12	142.47 -0.47 -6.48	78.92 -0.56 -6.80	98.53 -0.17 -5.23	80.41 0.98 -5.31	96.47 2.16 -6.20	94.91 2.48 -6.03	70.63 2.56 -5.80	133.80 5.12 -5.53	111.81 4.41 -3.47	58.26 1.78 -2.56
FPL_FAR_ROCK_GT1 24212	27.02 1.83 0.00	23.58 1.75 0.00	22.26 1.62 0.00	18.46 1.34 0.00	18.33 1.25 0.00	20.45 1.32 0.00	27.20 1.60 0.00	34.64 1.65 -8.15	32.50 2.12 -0.24	35.79 1.91 -4.61	38.38 2.31 -0.13	44.18 2.76 -2.41	50.62 2.72 -8.97	59.17 2.88 0.00	144.15 7.70 0.00	77.24 4.56 0.00	99.74 6.27 0.00	79.87 5.03 -0.72	94.49 5.24 -1.13	91.18 4.78 0.00	65.45 3.17 0.00	129.13 5.99 0.00	108.34 4.42 0.00	56.70 2.79 0.00
FPL_FAR_ROCK_GT2 23815	27.02 1.83 0.00	23.58 1.75 0.00	22.26 1.62 0.00	18.46 1.34 0.00	18.33 1.25 0.00	20.45 1.32 0.00	27.20 1.60 0.00	34.64 1.65 -8.15	32.50 2.12 -0.24	35.79 1.91 -4.61	38.38 2.31 -0.13	44.18 2.76 -2.41	50.62 2.72 -8.97	59.17 2.88 0.00	144.15 7.70 0.00	77.24 4.56 0.00	99.74 6.27 0.00	79.87 5.03 -0.72	94.49 5.24 -1.13	91.18 4.78 0.00	65.45 3.17 0.00	129.13 5.99 0.00	108.34 4.42 0.00	56.70 2.79 0.00
FRANKLIN_FALL_HYD 24054	25.41 0.21 0.00	21.83 0.00 0.00	20.62 -0.02 0.00	17.07 -0.04 0.00	17.09 0.01 0.00	19.11 -0.02 0.00	25.66 0.06 0.00	25.12 0.28 0.00	30.49 0.35 0.00	29.56 0.28 0.00	36.39 0.45 0.00	39.62 0.61 0.00	39.51 0.57 0.00	57.42 1.12 0.00	138.60 2.14 0.00	73.36 0.68 0.00	94.51 1.04 0.00	75.13 1.01 0.00	89.37 1.26 0.00	87.71 1.31 0.00	63.48 1.21 0.00	125.56 2.41 0.00	106.04 2.11 0.00	54.95 1.04 0.00
FREEPORT_EQUS_GT1 23764	26.77 1.58 0.00	23.37 1.55 0.00	22.09 1.44 0.00	18.34 1.22 0.00	18.21 1.13 0.00	20.31 1.18 0.00	27.00 1.40 0.00	34.44 1.44 -8.15	32.26 1.87 -0.24	35.72 1.83 -4.61	38.35 2.28 -0.13	44.04 2.62 -2.41	50.49 2.58 -8.97	58.89 2.60 0.00	143.38 6.92 0.00	76.79 4.11 0.00	99.19 5.72 0.00	79.40 4.56 -0.72	93.90 4.66 -1.13	90.61 4.21 0.00	65.14 2.86 0.00	129.03 5.88 0.00	108.17 4.24 0.00	56.59 2.68 0.00
FREEPORT___CT2 23818	26.77 1.58 0.00	23.37 1.55 0.00	22.09 1.44 0.00	18.34 1.22 0.00	18.21 1.13 0.00	20.31 1.18 0.00	27.00 1.40 0.00	34.44 1.44 -8.15	32.26 1.87 -0.24	35.72 1.83 -4.61	38.35 2.28 -0.13	44.04 2.62 -2.41	50.49 2.58 -8.97	58.89 2.60 0.00	143.38 6.92 0.00	76.79 4.11 0.00	99.19 5.72 0.00	79.40 4.56 -0.72	93.90 4.66 -1.13	90.61 4.21 0.00	65.14 2.86 0.00	129.03 5.88 0.00	108.17 4.24 0.00	56.59 2.68 0.00
FRESHKLS_33_KV_LOAD 356253	26.44 1.25 0.00	23.07 1.25 0.00	21.71 1.07 0.00	17.96 0.84 0.00	17.85 0.77 0.00	20.00 0.87 0.00	26.76 1.16 0.00	17.56 1.27 8.55	-220.44 1.61 252.19	-141.62 1.56 172.46	32.13 1.79 5.60	32.16 1.98 8.83	32.25 1.99 8.68	33.35 2.20 25.15	101.82 5.49 40.13	39.42 3.13 36.39	67.50 4.07 30.04	53.35 2.88 23.65	63.16 2.92 27.87	76.93 2.58 12.05	43.27 1.67 20.67	124.94 3.85 2.06	89.75 2.80 16.98	45.65 1.49 9.75
FULTON COGEN____ 23766	24.88 -0.31 0.00	21.52 -0.30 0.00	20.37 -0.28 0.00	16.90 -0.22 0.00	16.84 -0.25 0.00	18.88 -0.24 0.00	25.26 -0.34 0.00	24.45 -0.39 0.00	29.66 -0.48 0.00	28.84 -0.44 0.00	35.47 -0.48 0.00	38.40 -0.61 -1.06	39.59 -0.40 -10.99	66.81 -0.47 -13.91	148.93 -1.44 -14.60	86.38 -0.90 -14.60	103.41 -1.28 -11.23	84.65 -0.87 -11.39	100.41 -1.02 -13.31	98.25 -1.10 -12.95	74.04 -0.68 -12.44	133.80 -1.22 -11.87	110.35 -1.03 -7.46	58.85 -0.58 -5.51



FULTON___LFGE 323630	27.72 2.52 0.00	24.12 2.29 0.00	22.80 2.16 0.00	18.87 1.75 0.00	18.75 1.67 0.00	21.07 1.95 0.00	28.24 2.64 0.00	28.76 2.46 -1.47	32.82 2.64 -0.04	32.56 2.46 -0.83	39.08 3.13 0.00	42.14 3.13 0.00	42.60 3.66 0.00	62.33 6.04 0.00	151.35 14.90 0.00	80.46 7.78 0.00	105.13 11.66 0.00	83.03 8.91 0.00	98.31 10.19 0.00	96.63 10.24 0.00	69.87 7.59 0.00	137.98 14.84 0.00	116.16 12.23 0.00	59.72 5.81 0.00
G.F.CEMENT___DRP 24184	26.65 1.45 0.00	23.17 1.34 0.00	21.85 1.20 0.00	18.05 0.93 0.00	17.98 0.90 0.00	20.17 1.04 0.00	27.00 1.40 0.00	28.11 1.45 -1.82	32.07 1.88 -0.05	31.94 1.64 -1.03	37.63 1.68 0.00	40.72 1.71 0.00	40.61 1.67 0.00	58.80 2.51 0.00	144.21 7.75 0.00	77.08 4.41 0.00	99.43 5.96 0.00	78.84 4.72 0.00	94.52 6.40 0.00	92.47 6.07 0.00	66.62 4.35 0.00	132.01 8.87 0.00	111.06 7.13 0.00	57.39 3.47 0.00
GARDENVILLE___LBMP 24039	26.71 1.52 0.00	22.82 1.00 0.00	21.57 0.92 0.00	17.76 0.64 0.00	17.56 0.48 0.00	19.91 0.78 0.00	26.78 1.18 0.00	25.57 0.73 0.00	31.06 0.91 0.00	30.27 0.99 0.00	37.40 1.46 0.00	39.80 0.79 0.00	40.36 1.42 0.00	58.79 2.50 0.00	141.17 4.71 0.00	74.95 2.27 0.00	95.46 1.99 0.00	75.83 1.71 0.00	89.48 1.36 0.00	87.82 1.42 0.00	63.61 1.34 0.00	127.18 4.03 0.00	108.42 4.49 0.00	56.74 2.83 0.00
GARDNVLA_35_KV_LD 355827	26.84 1.65 0.00	22.91 1.09 0.00	21.66 1.02 0.00	17.84 0.72 0.00	17.63 0.55 0.00	19.99 0.87 0.00	26.90 1.30 0.00	25.69 0.86 0.00	31.24 1.09 0.00	30.46 1.18 0.00	37.65 1.70 0.00	40.06 1.05 0.00	40.65 1.72 0.00	59.24 2.95 0.00	142.32 5.86 0.00	75.55 2.87 0.00	96.30 2.83 0.00	76.51 2.38 0.00	90.24 2.13 0.00	88.53 2.13 0.00	64.12 1.85 0.00	128.07 4.93 0.00	109.10 5.17 0.00	57.09 3.18 0.00
GELCKHM___115KV_LOAD 80723	25.06 -0.13 0.00	21.67 -0.15 0.00	20.51 -0.14 0.00	17.01 -0.11 0.00	16.94 -0.14 0.00	19.01 -0.12 0.00	25.43 -0.17 0.00	24.64 -0.19 0.00	29.93 -0.21 0.00	29.10 -0.17 0.00	35.79 -0.16 0.00	38.75 -0.26 0.00	39.32 -0.01 -0.39	60.49 0.17 -4.03	141.51 -0.05 -5.10	77.85 -0.18 -5.35	97.17 -0.42 -4.12	78.04 -0.26 -4.18	92.68 -0.32 -4.88	90.80 -0.34 -4.75	66.59 -0.24 -4.56	127.20 -0.30 -4.35	106.48 -0.19 -2.73	55.84 -0.09 -2.02
GENERAL___MILLS 23808	26.78 1.59 0.00	22.87 1.04 0.00	21.62 0.97 0.00	17.80 0.68 0.00	17.60 0.52 0.00	19.96 0.83 0.00	26.84 1.24 0.00	25.64 0.80 0.00	31.15 1.01 0.00	30.36 1.09 0.00	37.52 1.58 0.00	39.93 0.92 0.00	40.50 1.56 0.00	59.00 2.71 0.00	141.70 5.25 0.00	75.23 2.55 0.00	95.85 2.38 0.00	76.17 2.04 0.00	89.85 1.73 0.00	88.18 1.78 0.00	63.87 1.60 0.00	127.63 4.49 0.00	108.76 4.83 0.00	56.93 3.02 0.00
GE_PLASTICS___DRP 24183	25.74 0.55 0.00	22.46 0.64 0.00	21.25 0.60 0.00	17.60 0.48 0.00	17.53 0.44 0.00	19.65 0.52 0.00	26.26 0.66 0.00	27.27 0.60 -1.83	30.85 0.66 -0.05	30.72 0.41 -1.04	36.12 0.17 0.00	39.12 0.10 0.00	38.97 0.03 0.00	55.99 -0.30 0.00	136.21 -0.25 0.00	72.74 0.07 0.00	93.59 0.12 0.00	74.24 0.12 0.00	88.45 0.33 0.00	86.85 0.46 0.00	62.62 0.35 0.00	124.22 1.07 0.00	105.29 1.37 0.00	54.75 0.83 0.00
GILBOA___1 23756	25.80 0.60 0.00	22.48 0.66 0.00	21.31 0.66 0.00	17.65 0.53 0.00	17.57 0.49 0.00	19.69 0.56 0.00	26.31 0.71 0.00	26.61 0.60 -1.17	30.91 0.73 -0.03	30.60 0.67 -0.66	36.62 0.67 0.00	39.68 0.67 0.00	39.46 0.52 0.00	56.57 0.28 0.00	137.19 0.73 0.00	73.24 0.56 0.00	94.32 0.85 0.00	74.83 0.71 0.00	88.90 0.79 0.00	87.08 0.68 0.00	62.80 0.53 0.00	124.32 1.17 0.00	105.27 1.34 0.00	54.96 1.05 0.00
GILBOA___2 23757	25.80 0.60 0.00	22.48 0.66 0.00	21.31 0.66 0.00	17.65 0.53 0.00	17.57 0.49 0.00	19.69 0.56 0.00	26.31 0.71 0.00	26.61 0.60 -1.17	30.91 0.73 -0.03	30.60 0.67 -0.66	36.62 0.67 0.00	39.68 0.67 0.00	39.46 0.52 0.00	56.57 0.28 0.00	137.19 0.73 0.00	73.24 0.56 0.00	94.32 0.85 0.00	74.83 0.71 0.00	88.90 0.79 0.00	87.08 0.68 0.00	62.80 0.53 0.00	124.32 1.17 0.00	105.27 1.34 0.00	54.96 1.05 0.00
GILBOA___3 23758	25.80 0.60 0.00	22.48 0.66 0.00	21.31 0.66 0.00	17.65 0.53 0.00	17.57 0.49 0.00	19.69 0.56 0.00	26.31 0.71 0.00	26.61 0.60 -1.17	30.91 0.73 -0.03	30.60 0.67 -0.66	36.62 0.67 0.00	39.68 0.67 0.00	39.46 0.52 0.00	56.57 0.28 0.00	137.19 0.73 0.00	73.24 0.56 0.00	94.32 0.85 0.00	74.83 0.71 0.00	88.90 0.79 0.00	87.08 0.68 0.00	62.80 0.53 0.00	124.32 1.17 0.00	105.27 1.34 0.00	54.96 1.05 0.00
GILBOA___4 23759	25.80 0.60 0.00	22.48 0.66 0.00	21.31 0.66 0.00	17.65 0.53 0.00	17.57 0.49 0.00	19.69 0.56 0.00	26.31 0.71 0.00	26.61 0.60 -1.17	30.91 0.73 -0.03	30.60 0.67 -0.66	36.62 0.67 0.00	39.68 0.67 0.00	39.46 0.52 0.00	56.57 0.28 0.00	137.19 0.73 0.00	73.24 0.56 0.00	94.32 0.85 0.00	74.83 0.71 0.00	88.90 0.79 0.00	87.08 0.68 0.00	62.80 0.53 0.00	124.32 1.17 0.00	105.27 1.34 0.00	54.96 1.05 0.00
GILBOA___ 23599	25.80 0.60 0.00	22.48 0.66 0.00	21.31 0.66 0.00	17.64 0.53 0.00	17.57 0.49 0.00	19.69 0.56 0.00	26.31 0.71 0.00	26.61 0.60 -1.17	30.91 0.73 -0.03	30.60 0.67 -0.66	36.62 0.67 0.00	39.68 0.67 0.00	39.46 0.52 0.00	56.56 0.26 0.00	137.13 0.67 0.00	73.24 0.56 0.00	94.31 0.85 0.00	74.83 0.70 0.00	88.90 0.79 0.00	87.08 0.68 0.00	62.79 0.52 0.00	124.32 1.17 0.00	105.27 1.35 0.00	54.96 1.05 0.00
GINNA___ 23603	24.91 -0.28 0.00	21.39 -0.44 0.00	20.21 -0.44 0.00	16.70 -0.42 0.00	16.58 -0.50 0.00	18.68 -0.45 0.00	25.10 -0.50 0.00	24.18 -0.66 0.00	29.42 -0.72 0.00	28.66 -0.62 0.00	35.38 -0.57 0.00	38.08 -0.93 0.00	38.43 -0.51 0.00	55.86 -0.44 0.00	134.66 -1.80 0.00	71.65 -1.03 0.00	91.64 -1.83 0.00	72.84 -1.28 0.00	86.40 -1.71 0.00	84.76 -1.64 0.00	61.04 -1.23 0.00	121.34 -1.81 0.00	102.61 -1.32 0.00	53.35 -0.56 0.00
GLEN PARK___ 23778	25.17 -0.02 0.00	21.53 -0.30 0.00	20.45 -0.20 0.00	17.03 -0.09 0.00	17.01 -0.07 0.00	19.04 -0.09 0.00	25.78 0.18 0.00	25.11 0.27 0.00	30.26 0.11 0.00	29.52 0.24 0.00	36.51 0.56 0.00	39.64 0.63 0.00	40.11 0.66 -0.51	61.91 0.26 -5.35	143.13 -0.10 -6.78	79.42 -0.37 -7.12	99.04 0.10 -5.47	80.95 1.28 -5.55	97.18 2.58 -6.48	95.64 2.94 -6.31	71.34 3.00 -6.06	134.91 5.98 -5.79	112.65 5.08 -3.63	58.68 2.08 -2.69
GLENDALE_27_KV_LOAD 356172	26.68 1.49 0.00	23.30 1.47 0.00	21.94 1.29 0.00	18.15 1.03 0.00	18.04 0.96 0.00	20.20 1.07 0.00	27.06 1.46 0.00	34.62 1.54 -8.24	32.32 1.93 -0.24	35.80 1.86 -4.66	38.07 2.12 0.00	41.35 2.34 0.00	41.31 2.37 0.00	59.00 2.70 0.00	143.15 6.70 0.00	76.46 3.78 0.00	98.44 4.97 0.00	77.91 3.78 0.00	92.05 3.93 0.00	89.93 3.54 0.00	64.53 2.26 0.00	128.12 4.98 0.00	107.72 3.79 0.00	55.89 1.98 0.00

GLENWOOD_IC_1_G5 23712	26.47 1.28 0.00	23.26 1.44 0.00	21.95 1.30 0.00	18.19 1.08 0.00	18.08 1.00 0.00	20.20 1.07 0.00	26.94 1.34 0.00	34.37 1.38 -8.15	31.94 1.56 -0.24	35.46 1.58 -4.61	38.07 1.99 -0.13	43.79 2.36 -2.41	50.24 2.33 -8.97	58.81 2.52 0.00	143.09 6.63 0.00	76.62 3.94 0.00	98.82 5.36 0.00	79.07 4.23 -0.72	93.66 4.42 -1.13	90.34 3.95 0.00	64.85 2.57 0.00	128.29 5.14 0.00	107.67 3.74 0.00	56.07 2.15 0.00
GLENWOOD_IC_2_G1 23688	26.50 1.31 0.00	23.16 1.34 0.00	21.86 1.21 0.00	18.11 0.99 0.00	17.99 0.91 0.00	20.12 0.99 0.00	26.85 1.25 0.00	34.29 1.30 -8.15	31.98 1.60 -0.24	35.48 1.59 -4.61	38.02 1.95 -0.13	43.68 2.25 -2.41	50.12 2.21 -8.97	58.72 2.43 0.00	142.80 6.35 0.00	76.39 3.71 0.00	98.47 5.00 0.00	78.77 3.93 -0.72	93.39 4.15 -1.13	90.11 3.71 0.00	64.73 2.46 0.00	128.24 5.09 0.00	107.75 3.82 0.00	56.08 2.17 0.00
GLENWOOD_IC_3_G1 23689	26.50 1.31 0.00	23.16 1.34 0.00	21.86 1.21 0.00	18.11 0.99 0.00	17.99 0.91 0.00	20.12 0.99 0.00	26.85 1.25 0.00	34.29 1.30 -8.15	31.98 1.60 -0.24	35.48 1.59 -4.61	38.02 1.95 -0.13	43.68 2.25 -2.41	50.12 2.21 -8.97	58.72 2.43 0.00	142.80 6.35 0.00	76.39 3.71 0.00	98.47 5.00 0.00	78.77 3.93 -0.72	93.39 4.15 -1.13	90.11 3.71 0.00	64.73 2.46 0.00	128.24 5.09 0.00	107.75 3.82 0.00	56.08 2.17 0.00
GLENWOOD___4 23550	26.53 1.34 0.00	23.26 1.44 0.00	21.95 1.30 0.00	18.19 1.08 0.00	18.08 1.00 0.00	20.20 1.07 0.00	26.94 1.34 0.00	34.38 1.39 -8.15	32.02 1.64 -0.24	35.54 1.66 -4.61	38.16 2.09 -0.13	43.89 2.46 -2.41	50.34 2.44 -8.97	58.97 2.67 0.00	143.42 6.97 0.00	76.79 4.11 0.00	99.05 5.58 0.00	79.27 4.43 -0.72	93.87 4.63 -1.13	90.54 4.14 0.00	64.99 2.72 0.00	128.61 5.46 0.00	107.91 3.98 0.00	56.21 2.30 0.00
GLENWOOD___5 23614	26.53 1.34 0.00	23.26 1.44 0.00	21.95 1.30 0.00	18.19 1.08 0.00	18.08 1.00 0.00	20.20 1.07 0.00	26.94 1.34 0.00	34.38 1.39 -8.15	32.02 1.64 -0.24	35.54 1.66 -4.61	38.16 2.09 -0.13	43.89 2.46 -2.41	50.34 2.44 -8.97	58.97 2.67 0.00	143.42 6.97 0.00	76.79 4.11 0.00	99.05 5.58 0.00	79.27 4.43 -0.72	93.87 4.63 -1.13	90.54 4.14 0.00	64.99 2.72 0.00	128.61 5.46 0.00	107.91 3.98 0.00	56.21 2.30 0.00
GLOBAL GREEN_PORT_GT1 23814	27.98 2.79 0.00	24.31 2.48 0.00	23.03 2.39 0.00	19.23 2.11 0.00	19.11 2.02 0.00	21.21 2.08 0.00	28.23 2.63 0.00	35.75 2.76 -8.15	33.95 3.57 -0.24	37.38 3.49 -4.61	39.90 3.82 -0.13	46.15 4.72 -2.41	52.70 4.79 -8.97	62.01 5.61 -0.11	150.45 13.99 0.00	80.71 8.03 0.00	145.17 10.93 -40.77	223.47 8.74 -140.61	208.25 9.41 -110.72	120.30 8.84 -25.07	69.91 6.99 -0.65	136.52 13.37 0.00	113.41 9.48 0.00	59.96 6.04 0.00
GLOBE___DSASP 323697	26.20 1.01 0.00	22.41 0.59 0.00	21.23 0.58 0.00	17.49 0.38 0.00	17.28 0.20 0.00	19.59 0.47 0.00	26.38 0.78 0.00	25.00 0.16 0.00	30.09 -0.05 0.00	29.09 -0.18 0.00	35.85 -0.09 0.00	38.05 -0.96 0.00	38.56 -0.38 0.00	56.16 -0.13 0.00	134.46 -2.00 0.00	71.33 -1.35 0.00	90.66 -2.81 0.00	72.20 -1.92 0.00	85.13 -2.99 0.00	83.74 -2.65 0.00	60.65 -1.63 0.00	121.71 -1.44 0.00	104.37 0.45 0.00	55.08 1.17 0.00
GOETHSLN___LBMP 323567	26.31 1.11 0.00	22.99 1.17 0.00	21.65 1.01 0.00	17.93 0.81 0.00	17.82 0.73 0.00	19.96 0.84 0.00	26.70 1.11 0.00	17.46 1.16 8.54	30.39 1.45 1.20	33.79 1.42 -3.10	37.03 1.59 0.51	34.61 1.80 6.20	34.29 1.79 6.43	35.85 1.93 22.37	103.64 4.90 37.71	39.29 2.85 36.24	66.80 3.79 30.45	52.16 2.91 24.87	63.23 2.99 27.87	76.93 2.58 12.04	43.58 1.54 20.23	124.58 3.49 2.06	89.85 2.64 16.72	46.69 1.33 8.56
GOLAH___69_KV_TB 1_2 80279	26.73 1.53 0.00	22.89 1.07 0.00	21.63 0.99 0.00	17.85 0.73 0.00	17.64 0.56 0.00	19.87 0.74 0.00	26.76 1.16 0.00	25.68 0.84 0.00	31.15 1.01 0.00	30.33 1.06 0.00	37.38 1.43 0.00	40.07 1.06 0.00	40.52 1.59 0.00	59.05 2.76 0.00	142.22 5.76 0.00	75.39 2.71 0.00	96.26 2.80 0.00	76.39 2.27 0.00	90.63 2.52 0.00	89.06 2.66 0.00	64.33 2.05 0.00	128.15 5.01 0.00	108.66 4.73 0.00	56.59 2.68 0.00
GOODYEAR_LAKE_HYD 323669	26.44 1.25 0.00	22.88 1.05 0.00	21.61 0.96 0.00	17.88 0.76 0.00	17.81 0.73 0.00	19.98 0.85 0.00	26.80 1.21 0.00	26.01 1.17 0.00	31.59 1.45 0.00	30.77 1.50 0.00	37.89 1.94 0.00	41.10 2.09 0.00	41.21 2.18 -0.09	60.25 3.03 -0.93	144.78 7.15 -1.18	77.72 3.81 -1.24	99.36 4.94 -0.95	79.04 3.95 -0.97	93.75 4.50 -1.13	91.79 4.29 -1.10	66.40 3.07 -1.05	130.33 6.18 -1.00	109.83 5.27 -0.63	57.09 2.71 -0.47
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	25.71 0.52 0.00	22.27 0.44 0.00	21.01 0.36 0.00	17.35 0.24 0.00	17.28 0.20 0.00	19.45 0.32 0.00	26.04 0.44 0.00	25.23 0.39 0.00	30.66 0.52 0.00	29.88 0.60 0.00	36.77 0.82 0.00	39.65 0.64 0.00	40.07 0.91 -0.22	59.89 1.30 -2.30	142.21 2.85 -2.91	77.31 1.58 -3.06	97.66 1.85 -2.35	77.81 1.30 -2.38	92.32 1.42 -2.78	90.27 1.17 -2.71	65.82 0.95 -2.60	127.93 2.30 -2.48	107.68 2.19 -1.56	56.23 1.17 -1.15
GOUDEY___7 23579	25.73 0.54 0.00	22.28 0.46 0.00	21.03 0.38 0.00	17.37 0.25 0.00	17.30 0.22 0.00	19.47 0.34 0.00	26.07 0.47 0.00	25.25 0.42 0.00	30.69 0.55 0.00	29.91 0.63 0.00	36.81 0.86 0.00	39.70 0.69 0.00	40.11 0.95 -0.22	59.98 1.39 -2.30	142.39 3.02 -2.91	77.44 1.71 -3.06	97.80 1.99 -2.35	77.91 1.41 -2.38	92.45 1.55 -2.78	90.39 1.28 -2.71	65.91 1.03 -2.60	128.11 2.47 -2.48	107.82 2.33 -1.56	56.29 1.22 -1.15
GOUDEY___8 23580	25.71 0.52 0.00	22.27 0.44 0.00	21.01 0.36 0.00	17.35 0.24 0.00	17.28 0.20 0.00	19.45 0.32 0.00	26.04 0.44 0.00	25.23 0.39 0.00	30.66 0.52 0.00	29.88 0.60 0.00	36.77 0.82 0.00	39.65 0.64 0.00	40.07 0.91 -0.22	59.89 1.30 -2.30	142.21 2.85 -2.91	77.31 1.58 -3.06	97.66 1.85 -2.35	77.81 1.30 -2.38	92.32 1.42 -2.78	90.27 1.17 -2.71	65.82 0.95 -2.60	127.93 2.30 -2.48	107.68 2.19 -1.56	56.23 1.17 -1.15
GOWANUS_GT1_1 24077	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00
GOWANUS_GT1_2 24078	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00

GOWANUS_GT1_3 24079	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00
GOWANUS_GT1_4 24080	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00
GOWANUS_GT1_5 24084	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00
GOWANUS_GT1_6 24111	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00
GOWANUS_GT1_7 24112	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00
GOWANUS_GT1_8 24113	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00
GOWANUS_GT2_1 24114	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
GOWANUS_GT2_2 24115	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
GOWANUS_GT2_3 24116	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
GOWANUS_GT2_4 24117	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
GOWANUS_GT2_5 24118	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
GOWANUS_GT2_6 24119	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
GOWANUS_GT2_7 24120	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
GOWANUS_GT2_8 24121	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
GOWANUS_GT3_1 24122	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.35 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00

GOWANUS_GT3_2 24123	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.35 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
GOWANUS_GT3_3 24124	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.35 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
GOWANUS_GT3_4 24125	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.35 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
GOWANUS_GT3_5 24126	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.35 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
GOWANUS_GT3_6 24127	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.35 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
GOWANUS_GT3_7 24128	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.35 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
GOWANUS_GT3_8 24129	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.35 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
GOWANUS_GT4_1 24130	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00
GOWANUS_GT4_2 24131	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00
GOWANUS_GT4_3 24132	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00
GOWANUS_GT4_4 24133	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00
GOWANUS_GT4_5 24134	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00
GOWANUS_GT4_6 24135	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00
GOWANUS_GT4_7 24136	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00
GOWANUS_GT4_8 24137	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00

GREENBSH_115KV_TB3 55895	25.60 0.40 0.00	22.34 0.52 0.00	21.13 0.48 0.00	17.51 0.39 0.00	17.43 0.35 0.00	19.55 0.42 0.00	26.14 0.53 0.00	27.20 0.46 -1.90	30.72 0.52 -0.06	30.68 0.33 -1.08	36.06 0.11 0.00	39.08 0.07 0.00	38.96 0.02 0.00	55.92 -0.37 0.00	136.12 -0.34 0.00	72.69 0.02 0.00	93.63 0.16 0.00	74.28 0.16 0.00	88.46 0.34 0.00	86.85 0.45 0.00	62.60 0.33 0.00	124.14 0.99 0.00	104.89 0.97 0.00	54.45 0.53 0.00
GREENDGE_115KV_TB5 80291	26.00 0.81 0.00	22.54 0.72 0.00	21.26 0.61 0.00	17.54 0.42 0.00	17.43 0.35 0.00	19.68 0.55 0.00	26.40 0.80 0.00	25.44 0.61 0.00	30.81 0.67 0.00	30.10 0.82 0.00	37.12 1.17 0.00	39.92 0.91 0.00	40.48 1.37 -0.18	60.51 2.34 -1.87	143.83 5.01 -2.37	77.72 2.55 -2.49	98.50 3.13 -1.91	78.56 2.50 -1.94	93.29 2.91 -2.27	91.44 2.84 -2.20	66.50 2.11 -2.12	129.72 4.56 -2.02	109.15 3.95 -1.27	56.82 1.97 -0.94
GREENIDGE___3 23582	26.00 0.81 0.00	22.54 0.72 0.00	21.26 0.61 0.00	17.54 0.42 0.00	17.43 0.35 0.00	19.68 0.55 0.00	26.40 0.80 0.00	25.44 0.61 0.00	30.81 0.67 0.00	30.10 0.82 0.00	37.12 1.17 0.00	39.92 0.91 0.00	40.48 1.37 -0.18	60.51 2.34 -1.87	143.83 5.01 -2.37	77.72 2.55 -2.49	98.50 3.13 -1.91	78.56 2.50 -1.94	93.29 2.91 -2.27	91.44 2.84 -2.20	66.50 2.11 -2.12	129.72 4.56 -2.02	109.15 3.95 -1.27	56.82 1.97 -0.94
GREENIDGE___4 23583	26.00 0.81 0.00	22.56 0.73 0.00	21.27 0.62 0.00	17.54 0.43 0.00	17.43 0.35 0.00	19.68 0.55 0.00	26.40 0.80 0.00	25.44 0.61 0.00	30.81 0.67 0.00	30.09 0.82 0.00	37.12 1.17 0.00	39.92 0.91 0.00	40.48 1.37 -0.18	60.47 2.31 -1.87	143.77 4.94 -2.37	77.71 2.55 -2.49	98.50 3.12 -1.91	78.56 2.50 -1.94	93.29 2.91 -2.27	91.45 2.85 -2.20	66.48 2.09 -2.12	129.73 4.56 -2.02	109.13 3.94 -1.27	56.82 1.96 -0.94
GREENLWN_69_KV_BK 3 55738	26.49 1.29 0.00	23.15 1.32 0.00	21.93 1.28 0.00	18.21 1.09 0.00	18.08 1.00 0.00	20.13 1.00 0.00	26.76 1.16 0.00	34.21 1.22 -8.15	31.95 1.57 -0.24	35.54 1.65 -4.61	38.23 2.15 -0.13	44.11 2.68 -2.41	50.50 2.59 -8.97	58.39 2.16 0.05	142.12 5.67 0.00	76.26 3.58 0.00	80.00 5.29 18.76	15.72 4.40 62.81	31.17 4.28 61.22	70.02 3.71 20.08	64.49 2.51 0.30	127.62 4.47 0.00	106.79 2.86 0.00	56.17 2.25 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00
GRISSOM___SOLAR 323813	27.72 2.52 0.00	24.12 2.29 0.00	22.80 2.16 0.00	18.87 1.75 0.00	18.75 1.67 0.00	21.07 1.95 0.00	28.24 2.64 0.00	28.76 2.46 -1.47	32.82 2.64 -0.04	32.56 2.46 -0.83	39.08 3.13 0.00	42.14 3.13 0.00	42.60 3.66 0.00	62.33 6.04 0.00	151.35 14.90 0.00	80.46 7.78 0.00	105.13 11.66 0.00	83.03 8.91 0.00	98.31 10.19 0.00	96.63 10.24 0.00	69.87 7.59 0.00	137.98 14.84 0.00	116.16 12.23 0.00	59.72 5.81 0.00
GROVEVILLE___HYD 323602	26.59 1.40 0.00	23.22 1.39 0.00	21.89 1.24 0.00	18.11 0.99 0.00	18.00 0.92 0.00	20.16 1.03 0.00	26.96 1.36 0.00	26.22 1.39 0.00	31.85 1.71 0.00	30.95 1.68 0.00	37.93 1.98 0.00	41.25 2.24 0.00	41.19 2.25 0.00	59.12 2.83 0.00	143.84 7.38 0.00	76.94 4.26 0.00	99.24 5.78 0.00	78.67 4.55 0.00	93.30 5.19 0.00	91.12 4.73 0.00	65.43 3.16 0.00	129.68 6.53 0.00	109.34 5.41 0.00	56.63 2.72 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.22 0.03 0.00	21.81 -0.01 0.00	20.63 -0.01 0.00	17.12 0.00 0.00	17.05 -0.03 0.00	19.14 0.02 0.00	25.60 0.00 0.00	24.81 -0.02 0.00	30.13 -0.01 0.00	29.27 0.00 0.00	36.00 0.05 0.00	38.98 -0.03 0.00	39.82 0.29 -0.59	63.14 0.73 -6.12	145.26 1.05 -7.75	81.04 0.23 -8.13	99.78 0.05 -6.25	80.55 0.08 -6.35	95.65 0.12 -7.41	93.70 0.09 -7.21	69.30 0.09 -6.93	130.14 0.39 -6.61	108.53 0.45 -4.15	57.27 0.29 -3.07
HAMLTNNY_34_KV_TB 80303	25.32 0.13 0.00	21.89 0.07 0.00	20.71 0.06 0.00	17.17 0.05 0.00	17.11 0.03 0.00	19.22 0.10 0.00	25.70 0.10 0.00	24.90 0.07 0.00	30.28 0.14 0.00	29.43 0.16 0.00	36.21 0.26 0.00	39.24 0.23 0.00	40.01 0.46 -0.61	63.48 0.88 -6.31	146.28 1.84 -7.99	81.95 0.89 -8.38	100.98 1.07 -6.45	81.47 0.80 -6.54	96.71 0.96 -7.64	94.77 0.94 -7.43	70.07 0.65 -7.14	131.46 1.50 -6.81	109.31 1.10 -4.28	57.64 0.57 -3.16
HAMPSHIRE___PAPER_HYD 323593	24.88 -0.31 0.00	21.32 -0.51 0.00	20.21 -0.44 0.00	16.82 -0.30 0.00	16.78 -0.30 0.00	18.66 -0.46 0.00	25.11 -0.50 0.00	24.50 -0.34 0.00	29.70 -0.44 0.00	28.86 -0.41 0.00	35.66 -0.29 0.00	38.87 -0.14 0.00	38.99 -0.17 -0.22	58.23 -0.34 -2.27	137.75 -1.58 -2.88	74.55 -1.15 -3.02	94.65 -1.14 -2.32	76.13 -0.35 -2.36	90.93 0.06 -2.75	89.40 0.32 -2.68	65.44 0.59 -2.57	126.85 1.25 -2.46	106.78 1.31 -1.54	55.68 0.63 -1.14
HARDSCRABBLE_WT_PWR 323673	25.00 -0.19 0.00	21.83 0.01 0.00	20.63 -0.02 0.00	17.09 -0.02 0.00	16.98 -0.10 0.00	19.07 -0.06 0.00	25.50 -0.10 0.00	24.68 -0.15 0.00	29.96 -0.18 0.00	29.05 -0.23 0.00	35.53 -0.42 0.00	38.58 -0.43 0.00	38.63 -0.30 0.00	55.63 -0.66 0.00	135.15 -1.31 0.00	71.90 -0.78 0.00	93.10 -0.37 0.00	73.90 -0.23 0.00	88.01 -0.11 0.00	86.38 -0.02 0.00	62.26 -0.02 0.00	123.47 0.32 0.00	103.87 -0.06 0.00	53.70 -0.21 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	26.33 1.14 0.00	22.98 1.16 0.00	21.65 1.00 0.00	17.92 0.80 0.00	17.81 0.73 0.00	19.94 0.81 0.00	26.64 1.04 0.00	17.76 1.09 8.16	31.22 1.32 0.24	25.98 1.32 4.61	37.59 1.64 0.00	40.92 1.91 0.00	40.95 2.01 0.00	58.82 2.53 0.00	142.83 6.38 0.00	76.21 3.54 0.00	98.18 4.71 0.00	77.80 3.68 0.00	92.16 4.04 0.00	90.05 3.65 0.00	64.68 2.41 0.00	128.42 5.27 0.00	108.25 4.33 0.00	56.04 2.12 0.00
HARSNRAD_115KV_TB1 81005	26.57 1.37 0.00	22.64 0.81 0.00	21.43 0.78 0.00	17.64 0.52 0.00	17.43 0.35 0.00	19.76 0.63 0.00	26.49 0.89 0.00	25.16 0.33 0.00	30.41 0.27 0.00	29.57 0.30 0.00	36.50 0.55 0.00	38.78 -0.23 0.00	39.34 0.40 0.00	57.30 1.01 0.00	137.31 0.85 0.00	72.80 0.12 0.00	92.52 -0.94 0.00	73.65 -0.47 0.00	86.91 -1.20 0.00	85.49 -0.91 0.00	61.99 -0.29 0.00	124.35 1.20 0.00	106.26 2.33 0.00	55.76 1.85 0.00
HARZA MOOSE___RIVER 24016	25.34 0.15 0.00	21.79 -0.03 0.00	20.64 0.00 0.00	17.18 0.06 0.00	17.14 0.06 0.00	19.17 0.05 0.00	25.77 0.17 0.00	25.10 0.26 0.00	30.49 0.34 0.00	29.67 0.39 0.00	36.61 0.66 0.00	39.74 0.73 0.00	39.93 0.83 -0.17	59.16 1.13 -1.74	141.02 2.37 -2.20	75.94 0.95 -2.31	96.83 1.59 -1.77	77.59 1.66 -1.80	92.67 2.45 -2.10	91.02 2.58 -2.04	66.30 2.06 -1.96	129.26 4.24 -1.88	108.52 3.42 -1.18	56.31 1.53 -0.87

HDSNBRDG_115KV_BRDG_TB1 355580	25.08 -0.11 0.00	21.69 -0.13 0.00	20.52 -0.13 0.00	17.01 -0.10 0.00	16.94 -0.14 0.00	19.02 -0.11 0.00	25.44 -0.15 0.00	24.65 -0.18 0.00	29.96 -0.18 0.00	29.15 -0.12 0.00	35.88 -0.07 0.00	38.84 -0.17 0.00	39.29 0.04 -0.31	59.74 0.17 -3.27	140.78 0.18 -4.14	77.06 0.04 -4.35	96.73 -0.08 -3.35	77.51 -0.01 -3.39	92.06 -0.02 -3.96	90.18 -0.08 -3.86	65.91 -0.07 -3.71	126.67 -0.01 -3.53	106.15 0.00 -2.22	55.52 -0.03 -1.64
HELLGATE_13_KV_LD 55870	26.53 1.34 0.00	23.18 1.36 0.00	21.83 1.18 0.00	18.07 0.95 0.00	17.96 0.88 0.00	20.10 0.97 0.00	26.92 1.32 0.00	34.47 1.39 -8.24	32.12 1.74 -0.24	35.60 1.67 -4.66	37.83 1.88 0.00	41.08 2.07 0.00	41.03 2.10 0.00	58.57 2.28 0.00	142.09 5.63 0.00	75.88 3.21 0.00	97.72 4.25 0.00	77.34 3.22 0.00	91.42 3.31 0.00	89.36 2.96 0.00	64.10 1.82 0.00	127.28 4.14 0.00	107.00 3.07 0.00	55.55 1.63 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.53 1.34 0.00	23.18 1.36 0.00	21.83 1.18 0.00	18.07 0.95 0.00	17.96 0.88 0.00	20.10 0.97 0.00	26.92 1.32 0.00	34.47 1.39 -8.24	32.12 1.74 -0.24	35.60 1.67 -4.66	37.83 1.88 0.00	41.08 2.07 0.00	41.03 2.10 0.00	58.57 2.28 0.00	142.09 5.63 0.00	75.88 3.21 0.00	97.72 4.25 0.00	77.34 3.22 0.00	91.42 3.31 0.00	89.36 2.96 0.00	64.10 1.82 0.00	127.28 4.14 0.00	107.00 3.07 0.00	55.55 1.63 0.00
HEMPSTEAD____ 23647	26.52 1.33 0.00	23.19 1.36 0.00	21.91 1.27 0.00	18.19 1.07 0.00	18.07 0.99 0.00	20.16 1.03 0.00	26.84 1.24 0.00	34.27 1.28 -8.15	32.00 1.61 -0.24	35.51 1.63 -4.61	38.13 2.06 -0.13	43.87 2.45 -2.41	50.30 2.39 -8.97	58.68 2.39 0.00	142.80 6.35 0.00	76.54 3.86 0.00	98.77 5.31 0.00	79.05 4.20 -0.72	93.55 4.30 -1.13	90.26 3.86 0.00	64.84 2.57 0.00	128.20 5.05 0.00	107.53 3.60 0.00	56.18 2.27 0.00
HEWLETT__69_KV_BK3 55828	26.88 1.69 0.00	23.46 1.63 0.00	22.15 1.51 0.00	18.37 1.25 0.00	18.25 1.16 0.00	20.35 1.23 0.00	27.06 1.46 0.00	34.51 1.52 -8.15	32.34 1.96 -0.24	35.72 1.84 -4.61	38.35 2.28 -0.13	44.14 2.72 -2.41	50.55 2.65 -8.97	59.04 2.75 0.00	143.87 7.42 0.00	77.06 4.38 0.00	99.46 6.00 0.00	79.65 4.80 -0.72	94.23 4.98 -1.13	90.94 4.54 0.00	65.31 3.04 0.00	129.00 5.86 0.00	108.25 4.32 0.00	56.65 2.74 0.00
HICKLING___1 23621	26.29 1.10 0.00	22.71 0.89 0.00	21.39 0.74 0.00	17.60 0.48 0.00	17.52 0.44 0.00	19.79 0.66 0.00	26.54 0.94 0.00	25.67 0.83 0.00	31.25 1.11 0.00	30.53 1.26 0.00	37.68 1.74 0.00	40.42 1.41 0.00	40.95 1.83 -0.18	60.99 2.84 -1.85	145.20 6.39 -2.35	78.66 3.52 -2.46	99.45 4.09 -1.89	79.02 2.97 -1.92	93.67 3.31 -2.24	91.51 2.93 -2.18	66.67 2.30 -2.10	130.21 5.06 -2.00	109.94 4.76 -1.26	57.30 2.46 -0.93
HICKLING___2 23622	26.29 1.10 0.00	22.71 0.89 0.00	21.39 0.74 0.00	17.60 0.48 0.00	17.52 0.44 0.00	19.79 0.66 0.00	26.54 0.94 0.00	25.67 0.83 0.00	31.25 1.11 0.00	30.53 1.26 0.00	37.68 1.74 0.00	40.42 1.41 0.00	40.95 1.83 -0.18	60.99 2.84 -1.85	145.20 6.39 -2.35	78.66 3.52 -2.46	99.45 4.09 -1.89	79.02 2.97 -1.92	93.67 3.31 -2.24	91.51 2.93 -2.18	66.67 2.30 -2.10	130.21 5.06 -2.00	109.94 4.76 -1.26	57.30 2.46 -0.93
HIGH FALLS___HY 23754	26.30 1.11 0.00	22.93 1.10 0.00	21.61 0.96 0.00	17.87 0.76 0.00	17.75 0.67 0.00	19.88 0.75 0.00	26.57 0.97 0.00	25.86 1.02 0.00	31.41 1.26 0.00	30.55 1.28 0.00	37.52 1.57 0.00	40.81 1.80 0.00	40.87 1.93 0.00	58.26 1.97 0.00	141.60 5.14 0.00	75.89 3.21 0.00	98.27 4.80 0.00	77.78 3.65 0.00	92.00 3.89 0.00	89.95 3.55 0.00	64.63 2.36 0.00	129.03 5.88 0.00	108.63 4.70 0.00	56.23 2.32 0.00
HILLBURN___GT 23639	26.18 0.99 0.00	22.89 1.06 0.00	21.57 0.92 0.00	17.85 0.73 0.00	17.72 0.64 0.00	19.84 0.72 0.00	26.51 0.91 0.00	16.19 0.94 9.59	30.97 1.11 0.28	24.95 1.09 5.42	37.32 1.37 0.00	40.64 1.63 0.00	40.68 1.74 0.00	58.39 2.10 0.00	141.64 5.18 0.00	75.39 2.71 0.00	97.03 3.57 0.00	76.81 2.68 0.00	90.91 2.80 0.00	88.82 2.42 0.00	63.85 1.58 0.00	127.06 3.91 0.00	107.17 3.24 0.00	55.52 1.61 0.00
HILLSIDE_115KV_TB1 80332	25.64 0.45 0.00	22.19 0.37 0.00	20.90 0.25 0.00	17.19 0.07 0.00	17.13 0.05 0.00	19.34 0.22 0.00	25.91 0.31 0.00	25.10 0.26 0.00	30.56 0.41 0.00	29.86 0.59 0.00	36.85 0.90 0.00	39.51 0.50 0.00	40.04 0.91 -0.18	59.66 1.45 -1.92	141.88 2.99 -2.44	76.92 1.69 -2.56	97.19 1.76 -1.97	77.11 1.00 -1.99	91.39 0.95 -2.33	89.12 0.46 -2.27	65.01 0.56 -2.18	126.96 1.73 -2.08	107.22 1.99 -1.30	55.92 1.04 -0.96
HISHELDN_WT_PWR 323625	26.55 1.35 0.00	22.72 0.90 0.00	21.46 0.81 0.00	17.67 0.55 0.00	17.49 0.41 0.00	19.81 0.68 0.00	26.60 1.00 0.00	25.45 0.61 0.00	30.92 0.77 0.00	30.15 0.87 0.00	37.22 1.27 0.00	39.65 0.64 0.00	40.16 1.22 0.00	58.35 2.06 0.00	140.34 3.88 0.00	74.57 1.89 0.00	95.09 1.63 0.00	75.52 1.40 0.00	89.15 1.04 0.00	87.48 1.08 0.00	63.34 1.06 0.00	126.58 3.43 0.00	107.85 3.92 0.00	56.41 2.50 0.00
HOLTSVILLE_IC_1 23690	26.76 1.57 0.00	23.34 1.52 0.00	22.15 1.50 0.00	18.44 1.32 0.00	18.32 1.23 0.00	20.36 1.23 0.00	27.06 1.46 0.00	34.53 1.54 -8.15	32.33 1.95 -0.24	35.90 2.02 -4.61	38.62 2.54 -0.13	44.61 3.19 -2.41	51.04 3.14 -8.97	59.25 2.86 -0.11	143.48 7.03 0.00	77.02 4.34 0.00	137.87 5.85 -38.55	211.95 4.71 -133.11	195.83 4.77 -102.95	113.29 4.49 -22.41	66.12 3.23 -0.61	128.73 5.58 0.00	107.34 3.41 0.00	56.67 2.75 0.00
HOLTSVILLE_IC_10 23699	26.96 1.77 0.00	23.49 1.66 0.00	22.28 1.63 0.00	18.56 1.44 0.00	18.44 1.36 0.00	20.49 1.37 0.00	27.25 1.65 0.00	34.73 1.74 -8.15	32.59 2.21 -0.24	36.18 2.30 -4.61	38.98 2.90 -0.13	45.05 3.62 -2.41	51.48 3.58 -8.97	59.89 3.46 -0.13	145.05 8.59 0.00	77.93 5.25 0.00	147.79 7.09 -47.24	242.22 5.71 -162.39	227.79 5.97 -133.70	125.06 5.60 -33.06	67.01 3.99 -0.75	130.11 6.97 0.00	108.40 4.48 0.00	57.23 3.32 0.00
HOLTSVILLE_IC_2 23691	26.76 1.57 0.00	23.34 1.52 0.00	22.15 1.50 0.00	18.44 1.32 0.00	18.32 1.23 0.00	20.36 1.23 0.00	27.06 1.46 0.00	34.53 1.54 -8.15	32.33 1.95 -0.24	35.90 2.02 -4.61	38.62 2.54 -0.13	44.61 3.19 -2.41	51.04 3.14 -8.97	59.25 2.86 -0.11	143.48 7.03 0.00	77.02 4.34 0.00	137.87 5.85 -38.55	211.95 4.71 -133.11	195.83 4.77 -102.95	113.29 4.49 -22.41	66.12 3.23 -0.61	128.73 5.58 0.00	107.34 3.41 0.00	56.67 2.75 0.00
HOLTSVILLE_IC_3 23692	26.76 1.57 0.00	23.34 1.52 0.00	22.15 1.50 0.00	18.44 1.32 0.00	18.32 1.23 0.00	20.36 1.23 0.00	27.06 1.46 0.00	34.53 1.54 -8.15	32.33 1.95 -0.24	35.90 2.02 -4.61	38.62 2.54 -0.13	44.61 3.19 -2.41	51.04 3.14 -8.97	59.25 2.86 -0.11	143.48 7.03 0.00	77.02 4.34 0.00	137.87 5.85 -38.55	211.95 4.71 -133.11	195.83 4.77 -102.95	113.29 4.49 -22.41	66.12 3.23 -0.61	128.73 5.58 0.00	107.34 3.41 0.00	56.67 2.75 0.00

HOLTSVILLE_IC_4 23693	26.76 1.57 0.00	23.34 1.52 0.00	22.15 1.50 0.00	18.44 1.32 0.00	18.32 1.23 0.00	20.36 1.23 0.00	27.06 1.46 0.00	34.53 1.54 -8.15	32.33 1.95 -0.24	35.90 2.02 -4.61	38.62 2.54 -0.13	44.61 3.19 -2.41	51.04 3.14 -8.97	59.25 2.86 -0.11	143.48 7.03 0.00	77.02 4.34 0.00	137.87 5.85 -38.55	211.95 4.71 -133.11	195.83 4.77 -102.95	113.29 4.49 -22.41	66.12 3.23 -0.61	128.73 5.58 0.00	107.34 3.41 0.00	56.67 2.75 0.00
HOLTSVILLE_IC_5 23694	26.76 1.57 0.00	23.34 1.52 0.00	22.15 1.50 0.00	18.44 1.32 0.00	18.32 1.23 0.00	20.36 1.23 0.00	27.06 1.46 0.00	34.53 1.54 -8.15	32.33 1.95 -0.24	35.90 2.02 -4.61	38.62 2.54 -0.13	44.61 3.19 -2.41	51.04 3.14 -8.97	59.25 2.86 -0.11	143.48 7.03 0.00	77.02 4.34 0.00	137.87 5.85 -38.55	211.95 4.71 -133.11	195.83 4.77 -102.95	113.29 4.49 -22.41	66.12 3.23 -0.61	128.73 5.58 0.00	107.34 3.41 0.00	56.67 2.75 0.00
HOLTSVILLE_IC_6 23695	26.96 1.77 0.00	23.49 1.66 0.00	22.28 1.63 0.00	18.56 1.44 0.00	18.44 1.36 0.00	20.49 1.37 0.00	27.25 1.65 0.00	34.73 1.74 -8.15	32.59 2.21 -0.24	36.18 2.30 -4.61	38.98 2.90 -0.13	45.05 3.62 -2.41	51.48 3.58 -8.97	59.89 3.46 -0.13	145.05 8.59 0.00	77.93 5.25 0.00	147.79 7.09 -47.24	242.22 5.71 -162.39	227.79 5.97 -133.70	125.06 5.60 -33.06	67.01 3.99 -0.75	130.11 6.97 0.00	108.40 4.48 0.00	57.23 3.32 0.00
HOLTSVILLE_IC_7 23696	26.96 1.77 0.00	23.49 1.66 0.00	22.28 1.63 0.00	18.56 1.44 0.00	18.44 1.36 0.00	20.49 1.37 0.00	27.25 1.65 0.00	34.73 1.74 -8.15	32.59 2.21 -0.24	36.18 2.30 -4.61	38.98 2.90 -0.13	45.05 3.62 -2.41	51.48 3.58 -8.97	59.89 3.46 -0.13	145.05 8.59 0.00	77.93 5.25 0.00	147.79 7.09 -47.24	242.22 5.71 -162.39	227.79 5.97 -133.70	125.06 5.60 -33.06	67.01 3.99 -0.75	130.11 6.97 0.00	108.40 4.48 0.00	57.23 3.32 0.00
HOLTSVILLE_IC_8 23697	26.96 1.77 0.00	23.49 1.66 0.00	22.28 1.63 0.00	18.56 1.44 0.00	18.44 1.36 0.00	20.49 1.37 0.00	27.25 1.65 0.00	34.73 1.74 -8.15	32.59 2.21 -0.24	36.18 2.30 -4.61	38.98 2.90 -0.13	45.05 3.62 -2.41	51.48 3.58 -8.97	59.89 3.46 -0.13	145.05 8.59 0.00	77.93 5.25 0.00	147.79 7.09 -47.24	242.22 5.71 -162.39	227.79 5.97 -133.70	125.06 5.60 -33.06	67.01 3.99 -0.75	130.11 6.97 0.00	108.40 4.48 0.00	57.23 3.32 0.00
HOLTSVILLE_IC_9 23698	26.96 1.77 0.00	23.49 1.66 0.00	22.28 1.63 0.00	18.56 1.44 0.00	18.44 1.36 0.00	20.49 1.37 0.00	27.25 1.65 0.00	34.73 1.74 -8.15	32.59 2.21 -0.24	36.18 2.30 -4.61	38.98 2.90 -0.13	45.05 3.62 -2.41	51.48 3.58 -8.97	59.89 3.46 -0.13	145.05 8.59 0.00	77.93 5.25 0.00	147.79 7.09 -47.24	242.22 5.71 -162.39	227.79 5.97 -133.70	125.06 5.60 -33.06	67.01 3.99 -0.75	130.11 6.97 0.00	108.40 4.48 0.00	57.23 3.32 0.00
HOMER_HL_115KV_TB2 355744	26.53 1.33 0.00	22.80 0.97 0.00	21.46 0.81 0.00	17.63 0.52 0.00	17.49 0.40 0.00	19.81 0.68 0.00	26.54 0.94 0.00	25.40 0.56 0.00	30.96 0.82 0.00	30.27 1.00 0.00	37.27 1.32 0.00	39.61 0.60 0.00	39.88 0.95 0.00	57.93 1.63 0.00	139.12 2.66 0.00	73.98 1.31 0.00	93.94 0.48 0.00	74.35 0.23 0.00	87.57 -0.55 0.00	85.76 -0.64 0.00	62.32 0.05 0.00	125.12 1.97 0.00	106.39 2.47 0.00	55.46 1.55 0.00
HOWARD_WT_PWR 323690	26.72 1.53 0.00	22.97 1.14 0.00	21.65 1.01 0.00	17.80 0.68 0.00	17.66 0.58 0.00	19.97 0.85 0.00	26.78 1.18 0.00	25.76 0.92 0.00	31.33 1.19 0.00	30.59 1.32 0.00	37.74 1.79 0.00	40.36 1.35 0.00	40.96 1.89 -0.13	60.65 3.03 -1.33	144.61 6.48 -1.68	77.72 3.28 -1.76	98.46 3.64 -1.35	78.48 2.98 -1.37	92.73 3.01 -1.61	90.88 2.93 -1.56	66.11 2.34 -1.50	130.14 5.56 -1.43	110.20 5.37 -0.90	57.51 2.93 -0.66
HQ_GEN_CEDARS 23644	25.05 -0.15 0.00	21.57 -0.26 0.00	20.43 -0.22 0.00	16.94 -0.17 0.00	16.95 -0.13 0.00	18.91 -0.22 0.00	25.39 -0.21 0.00	24.71 -0.12 0.00	29.98 -0.16 0.00	29.07 -0.21 0.00	35.80 -0.15 0.00	39.02 0.01 0.00	38.97 0.04 0.00	56.59 0.30 0.00	136.75 0.30 0.00	72.53 -0.15 0.00	93.31 -0.15 0.00	74.08 -0.04 0.00	87.93 -0.18 0.00	86.36 -0.03 0.00	62.39 0.11 0.00	123.19 0.04 0.00	104.03 0.10 0.00	53.98 0.06 0.00
HQ_GEN_CEDARS_PROXY 323590	25.05 -0.15 0.00	21.57 -0.25 0.00	20.43 -0.21 0.00	16.94 -0.17 0.00	16.95 -0.13 0.00	18.91 -0.22 0.00	25.10 -0.21 0.30	24.71 -0.12 0.00	29.98 -0.16 0.00	29.07 -0.20 0.00	35.80 -0.15 0.00	39.02 0.01 0.00	37.25 0.04 1.72	56.60 0.30 0.00	136.76 0.30 0.00	72.54 -0.14 0.00	93.31 -0.15 0.00	74.08 -0.04 0.00	87.94 -0.17 0.00	86.36 -0.03 0.00	62.39 0.11 0.00	123.19 0.05 0.00	104.03 0.10 0.00	47.64 0.06 6.34
HQ_GEN_IMPORT 323601	25.00 -0.19 0.00	21.60 -0.22 0.00	20.45 -0.20 0.00	16.95 -0.16 0.00	16.97 -0.11 0.00	18.97 -0.15 0.00	25.43 -0.17 0.00	24.71 -0.13 0.00	28.32 -0.16 1.67	29.11 -0.16 0.00	35.82 -0.13 0.00	38.96 -0.05 0.00	38.83 -0.10 0.00	61.49 0.04 -5.16	136.45 -0.01 0.00	72.53 -0.15 0.00	93.25 -0.22 0.00	73.92 -0.20 0.00	87.86 -0.25 0.00	86.22 -0.18 0.00	62.17 -0.10 0.00	122.64 -0.51 0.00	106.52 -0.50 -3.09	53.62 -0.30 0.00
HQ_GEN_WHEEL 23651	25.00 -0.19 0.00	21.60 -0.22 0.00	20.45 -0.20 0.00	16.95 -0.16 0.00	16.97 -0.11 0.00	18.97 -0.15 0.00	25.43 -0.17 0.00	24.71 -0.13 0.00	28.32 -0.16 1.67	29.11 -0.16 0.00	35.82 -0.13 0.00	38.96 -0.05 0.00	38.83 -0.10 0.00	61.49 0.04 -5.16	136.45 -0.01 0.00	72.53 -0.15 0.00	93.25 -0.22 0.00	73.92 -0.20 0.00	87.86 -0.25 0.00	86.22 -0.18 0.00	62.17 -0.10 0.00	122.64 -0.51 0.00	106.52 -0.50 -3.09	53.62 -0.30 0.00
HUDSON_AVE_GT_3 23810	26.55 1.36 0.00	23.20 1.37 0.00	21.85 1.21 0.00	18.09 0.97 0.00	17.98 0.89 0.00	20.13 1.00 0.00	26.94 1.34 0.00	34.49 1.41 -8.24	32.13 1.75 -0.24	35.66 1.73 -4.66	37.92 1.97 0.00	41.23 2.22 0.00	41.15 2.21 0.00	58.84 2.54 0.00	142.86 6.40 0.00	76.33 3.65 0.00	98.32 4.85 0.00	77.86 3.73 0.00	92.06 3.95 0.00	89.88 3.48 0.00	64.46 2.18 0.00	127.97 4.82 0.00	107.70 3.77 0.00	55.83 1.92 0.00
HUDSON_AVE_GT_4 23540	26.55 1.36 0.00	23.20 1.37 0.00	21.85 1.21 0.00	18.09 0.97 0.00	17.98 0.89 0.00	20.13 1.00 0.00	26.94 1.34 0.00	34.49 1.41 -8.24	32.13 1.75 -0.24	35.66 1.73 -4.66	37.92 1.97 0.00	41.23 2.22 0.00	41.15 2.21 0.00	58.84 2.54 0.00	142.86 6.40 0.00	76.33 3.65 0.00	98.32 4.85 0.00	77.86 3.73 0.00	92.06 3.95 0.00	89.88 3.48 0.00	64.46 2.18 0.00	127.97 4.82 0.00	107.70 3.77 0.00	55.83 1.92 0.00
HUDSON_AVE_GT_5 23657	26.55 1.36 0.00	23.20 1.37 0.00	21.85 1.21 0.00	18.09 0.97 0.00	17.98 0.89 0.00	20.13 1.00 0.00	26.94 1.34 0.00	34.49 1.41 -8.24	32.13 1.75 -0.24	35.66 1.73 -4.66	37.92 1.97 0.00	41.23 2.22 0.00	41.15 2.21 0.00	58.84 2.54 0.00	142.86 6.40 0.00	76.33 3.65 0.00	98.32 4.85 0.00	77.86 3.73 0.00	92.06 3.95 0.00	89.88 3.48 0.00	64.46 2.18 0.00	127.97 4.82 0.00	107.70 3.77 0.00	55.83 1.92 0.00

HUDSON_AVE_10 24168	26.44 1.24 0.00	23.10 1.28 0.00	21.76 1.11 0.00	18.00 0.89 0.00	17.90 0.81 0.00	20.04 0.91 0.00	26.81 1.21 0.00	34.36 1.28 -8.24	31.97 1.58 -0.24	35.50 1.57 -4.66	37.68 1.74 0.00	41.02 2.00 0.00	40.95 2.01 0.00	58.52 2.22 0.00	142.00 5.54 0.00	75.87 3.19 0.00	97.74 4.28 0.00	77.43 3.30 0.00	91.57 3.45 0.00	89.41 3.01 0.00	64.12 1.85 0.00	127.28 4.13 0.00	107.17 3.24 0.00	55.56 1.64 0.00
HUDSON___115KV_TB 4 355613	26.89 1.70 0.00	23.38 1.56 0.00	22.09 1.45 0.00	18.30 1.18 0.00	18.22 1.14 0.00	20.48 1.36 0.00	27.45 1.85 0.00	28.04 1.78 -1.42	32.15 1.97 -0.04	31.70 1.62 -0.80	37.56 1.61 0.00	40.64 1.63 0.00	40.79 1.86 0.00	59.25 2.96 0.00	143.44 6.98 0.00	76.27 3.59 0.00	98.51 5.04 0.00	78.60 4.48 0.00	94.37 6.25 0.00	93.05 6.65 0.00	67.13 4.85 0.00	128.42 5.27 0.00	108.06 4.13 0.00	55.88 1.96 0.00
HUNTER MOUNT___DRP 323613	26.86 1.67 0.00	23.35 1.53 0.00	22.07 1.43 0.00	18.28 1.16 0.00	18.21 1.13 0.00	20.47 1.34 0.00	27.43 1.83 0.00	27.88 1.76 -1.29	32.11 1.93 -0.04	31.55 1.55 -0.73	37.45 1.50 0.00	40.49 1.48 0.00	40.63 1.69 0.00	58.95 2.65 0.00	142.74 6.28 0.00	76.01 3.33 0.00	98.20 4.73 0.00	78.38 4.25 0.00	94.19 6.08 0.00	92.88 6.48 0.00	67.05 4.78 0.00	129.57 6.42 0.00	109.22 5.29 0.00	56.51 2.59 0.00
HUNTINGTON_RES_REC 323705	26.73 1.54 0.00	23.31 1.49 0.00	22.09 1.45 0.00	18.37 1.25 0.00	18.25 1.16 0.00	20.30 1.18 0.00	26.99 1.39 0.00	34.46 1.47 -8.15	32.27 1.88 -0.24	35.87 1.99 -4.61	38.63 2.56 -0.13	44.63 3.21 -2.41	51.07 3.15 -8.98	59.57 2.84 -0.43	143.68 7.23 0.00	77.21 4.52 -0.02	255.95 6.40 -156.08	610.79 5.27 -531.39	581.55 5.34 -488.09	235.55 4.85 -144.30	68.11 3.37 -2.47	129.05 5.91 0.00	107.69 3.76 0.00	56.76 2.85 0.00
HUNTLEY___63 23557	26.77 1.58 0.00	22.85 1.02 0.00	21.61 0.97 0.00	17.80 0.69 0.00	17.59 0.51 0.00	19.95 0.82 0.00	26.83 1.23 0.00	25.53 0.69 0.00	30.88 0.73 0.00	29.96 0.69 0.00	36.93 0.99 0.00	39.21 0.20 0.00	39.79 0.85 0.00	58.04 1.75 0.00	139.23 2.78 0.00	73.81 1.14 0.00	93.96 0.49 0.00	74.80 0.68 0.00	88.19 0.07 0.00	86.66 0.26 0.00	62.74 0.47 0.00	125.58 2.43 0.00	107.29 3.36 0.00	56.31 2.40 0.00
HUNTLEY___64 23558	26.77 1.58 0.00	22.85 1.02 0.00	21.61 0.97 0.00	17.80 0.69 0.00	17.59 0.51 0.00	19.95 0.82 0.00	26.83 1.23 0.00	25.53 0.69 0.00	30.88 0.73 0.00	29.96 0.69 0.00	36.93 0.99 0.00	39.21 0.20 0.00	39.79 0.85 0.00	58.04 1.75 0.00	139.23 2.78 0.00	73.81 1.14 0.00	93.96 0.49 0.00	74.80 0.68 0.00	88.19 0.07 0.00	86.66 0.26 0.00	62.74 0.47 0.00	125.58 2.43 0.00	107.29 3.36 0.00	56.31 2.40 0.00
HUNTLEY___65 23559	26.77 1.58 0.00	22.85 1.02 0.00	21.61 0.97 0.00	17.80 0.69 0.00	17.59 0.51 0.00	19.95 0.82 0.00	26.83 1.23 0.00	25.53 0.69 0.00	30.88 0.73 0.00	29.96 0.69 0.00	36.93 0.99 0.00	39.21 0.20 0.00	39.79 0.85 0.00	58.04 1.75 0.00	139.23 2.78 0.00	73.81 1.14 0.00	93.96 0.49 0.00	74.80 0.68 0.00	88.19 0.07 0.00	86.66 0.26 0.00	62.74 0.47 0.00	125.58 2.43 0.00	107.29 3.36 0.00	56.31 2.40 0.00
HUNTLEY___66 23560	26.77 1.58 0.00	22.85 1.02 0.00	21.61 0.97 0.00	17.80 0.69 0.00	17.59 0.51 0.00	19.95 0.82 0.00	26.83 1.23 0.00	25.53 0.69 0.00	30.88 0.73 0.00	29.96 0.69 0.00	36.93 0.99 0.00	39.21 0.20 0.00	39.79 0.85 0.00	58.04 1.75 0.00	139.23 2.78 0.00	73.81 1.14 0.00	93.96 0.49 0.00	74.80 0.68 0.00	88.19 0.07 0.00	86.66 0.26 0.00	62.74 0.47 0.00	125.58 2.43 0.00	107.29 3.36 0.00	56.31 2.40 0.00
HUNTLEY___67 23561	26.52 1.33 0.00	22.64 0.81 0.00	21.42 0.78 0.00	17.64 0.53 0.00	17.44 0.36 0.00	19.78 0.65 0.00	26.61 1.01 0.00	25.36 0.52 0.00	30.75 0.61 0.00	29.91 0.64 0.00	36.94 0.99 0.00	39.26 0.25 0.00	39.79 0.86 0.00	57.99 1.70 0.00	139.10 2.64 0.00	73.80 1.12 0.00	93.94 0.47 0.00	74.72 0.59 0.00	88.15 0.04 0.00	86.59 0.19 0.00	62.71 0.43 0.00	125.57 2.42 0.00	107.17 3.24 0.00	56.20 2.29 0.00
HUNTLEY___68 23562	26.52 1.33 0.00	22.64 0.81 0.00	21.42 0.78 0.00	17.64 0.53 0.00	17.44 0.36 0.00	19.78 0.65 0.00	26.61 1.01 0.00	25.36 0.52 0.00	30.75 0.61 0.00	29.91 0.64 0.00	36.94 0.99 0.00	39.26 0.25 0.00	39.79 0.86 0.00	57.99 1.70 0.00	139.10 2.64 0.00	73.80 1.12 0.00	93.94 0.47 0.00	74.72 0.59 0.00	88.15 0.04 0.00	86.59 0.19 0.00	62.71 0.43 0.00	125.57 2.42 0.00	107.17 3.24 0.00	56.20 2.29 0.00
HYLAND___LFGE 323620	27.76 2.57 0.00	23.74 1.92 0.00	22.38 1.74 0.00	18.43 1.31 0.00	18.22 1.14 0.00	20.37 1.25 0.00	27.17 1.57 0.00	25.93 1.10 0.00	30.99 0.85 0.00	29.98 0.70 0.00	36.44 0.49 0.00	37.96 -1.05 0.00	37.52 -1.42 0.00	53.38 -2.91 0.00	129.58 -6.88 0.00	68.87 -3.81 0.00	88.61 -4.86 0.00	70.85 -3.27 0.00	83.50 -4.62 0.00	83.43 -2.97 0.00	61.38 -0.89 0.00	122.97 -0.17 0.00	106.46 2.53 0.00	57.84 3.93 0.00
INDECK___CORINTH 23802	26.31 1.12 0.00	22.86 1.04 0.00	21.56 0.92 0.00	17.82 0.70 0.00	17.76 0.68 0.00	19.92 0.79 0.00	26.68 1.07 0.00	27.77 1.12 -1.81	31.69 1.50 -0.05	31.60 1.30 -1.03	37.23 1.28 0.00	40.25 1.24 0.00	40.14 1.20 0.00	58.03 1.73 0.00	142.25 5.79 0.00	76.01 3.33 0.00	98.08 4.61 0.00	77.80 3.68 0.00	93.31 5.20 0.00	91.25 4.86 0.00	65.76 3.49 0.00	130.53 7.38 0.00	109.81 5.88 0.00	56.70 2.79 0.00
INDECK___ILION 23567	25.14 -0.05 0.00	21.85 0.03 0.00	20.67 0.02 0.00	17.13 0.02 0.00	17.06 -0.02 0.00	19.13 0.01 0.00	25.60 0.00 0.00	24.81 -0.03 0.00	30.10 -0.04 0.00	29.20 -0.07 0.00	35.76 -0.19 0.00	38.81 -0.20 0.00	38.80 -0.14 0.00	55.98 -0.31 0.00	135.95 -0.50 0.00	72.40 -0.28 0.00	93.48 0.01 0.00	74.13 0.00 0.00	88.25 0.13 0.00	86.57 0.17 0.00	62.40 0.12 0.00	123.61 0.47 0.00	104.10 0.17 0.00	53.91 -0.01 0.00
INDECK___OLEAN 23982	26.53 1.33 0.00	22.81 0.98 0.00	21.46 0.81 0.00	17.63 0.51 0.00	17.49 0.40 0.00	19.81 0.68 0.00	26.54 0.94 0.00	25.39 0.56 0.00	30.97 0.83 0.00	30.27 1.00 0.00	37.26 1.32 0.00	39.60 0.59 0.00	39.88 0.95 0.00	57.84 1.54 0.00	139.02 2.56 0.00	73.96 1.29 0.00	93.93 0.46 0.00	74.34 0.21 0.00	87.58 -0.54 0.00	85.77 -0.63 0.00	62.31 0.03 0.00	125.11 1.97 0.00	106.39 2.46 0.00	55.46 1.55 0.00
INDECK___OSWEGO 23783	24.70 -0.49 0.00	21.37 -0.46 0.00	20.23 -0.42 0.00	16.79 -0.33 0.00	16.73 -0.35 0.00	18.76 -0.37 0.00	25.07 -0.54 0.00	24.22 -0.62 0.00	29.29 -0.85 0.00	28.45 -0.82 0.00	34.97 -0.98 0.00	37.88 -1.13 0.00	39.34 -0.99 -1.39	69.38 -1.41 -14.49	151.15 -3.66 -18.36	89.97 -1.98 -19.27	105.68 -2.61 -14.82	87.22 -1.93 -15.03	103.47 -2.21 -17.56	101.29 -2.19 -17.08	77.18 -1.51 -16.42	136.00 -2.81 -15.66	111.39 -2.38 -9.84	59.91 -1.27 -7.27



INDECK___YERKES 23781	26.79 1.60 0.00	22.88 1.05 0.00	21.64 0.99 0.00	17.82 0.70 0.00	17.60 0.52 0.00	19.97 0.84 0.00	26.85 1.25 0.00	25.55 0.71 0.00	30.91 0.77 0.00	29.99 0.71 0.00	36.93 0.98 0.00	39.21 0.20 0.00	39.79 0.86 0.00	57.95 1.66 0.00	139.06 2.60 0.00	73.77 1.10 0.00	93.92 0.45 0.00	74.79 0.66 0.00	88.16 0.05 0.00	86.65 0.25 0.00	62.72 0.44 0.00	125.57 2.42 0.00	107.28 3.35 0.00	56.30 2.39 0.00
INDIAN POINT_GT_1 24139	26.28 1.09 0.00	22.96 1.14 0.00	21.64 1.00 0.00	17.92 0.80 0.00	17.81 0.73 0.00	19.94 0.81 0.00	26.65 1.05 0.00	35.49 1.09 -9.57	31.74 1.31 -0.28	35.97 1.29 -5.41	37.45 1.50 0.00	40.74 1.73 0.00	40.64 1.71 0.00	58.21 1.92 0.00	141.42 4.96 0.00	75.62 2.94 0.00	97.37 3.91 0.00	77.13 3.01 0.00	91.37 3.26 0.00	89.29 2.89 0.00	64.15 1.88 0.00	127.44 4.30 0.00	107.40 3.47 0.00	55.70 1.78 0.00
INDIAN POINT_GT_2 23659	26.28 1.09 0.00	22.96 1.14 0.00	21.64 1.00 0.00	17.92 0.80 0.00	17.81 0.73 0.00	19.94 0.81 0.00	26.65 1.05 0.00	35.49 1.09 -9.57	31.74 1.31 -0.28	35.97 1.29 -5.41	37.45 1.50 0.00	40.74 1.73 0.00	40.64 1.71 0.00	58.21 1.92 0.00	141.42 4.96 0.00	75.62 2.94 0.00	97.37 3.91 0.00	77.13 3.01 0.00	91.37 3.26 0.00	89.29 2.89 0.00	64.15 1.88 0.00	127.44 4.30 0.00	107.40 3.47 0.00	55.70 1.78 0.00
INDIAN POINT_GT_3 24019	26.28 1.09 0.00	22.96 1.14 0.00	21.64 1.00 0.00	17.92 0.80 0.00	17.81 0.73 0.00	19.94 0.81 0.00	26.65 1.05 0.00	35.49 1.09 -9.57	31.74 1.31 -0.28	35.97 1.29 -5.41	37.45 1.50 0.00	40.74 1.73 0.00	40.64 1.71 0.00	58.21 1.92 0.00	141.42 4.96 0.00	75.62 2.94 0.00	97.37 3.91 0.00	77.13 3.01 0.00	91.37 3.26 0.00	89.29 2.89 0.00	64.15 1.88 0.00	127.44 4.30 0.00	107.40 3.47 0.00	55.70 1.78 0.00
INDIAN POINT___2 23530	26.25 1.06 0.00	22.93 1.11 0.00	21.61 0.97 0.00	17.88 0.76 0.00	17.78 0.70 0.00	19.90 0.78 0.00	26.61 1.01 0.00	38.61 1.04 -12.73	31.77 1.25 -0.37	37.69 1.22 -7.20	37.38 1.43 0.00	40.69 1.68 0.00	40.59 1.66 0.00	58.16 1.87 0.00	141.22 4.77 0.00	75.48 2.81 0.00	97.14 3.67 0.00	76.97 2.85 0.00	91.14 3.02 0.00	89.07 2.67 0.00	64.01 1.73 0.00	127.25 4.10 0.00	107.26 3.33 0.00	55.61 1.70 0.00
INDIAN POINT___3 23531	26.25 1.06 0.00	22.94 1.11 0.00	21.62 0.97 0.00	17.90 0.78 0.00	17.79 0.71 0.00	19.92 0.79 0.00	26.61 1.01 0.00	35.69 1.05 -9.80	31.69 1.26 -0.29	36.03 1.21 -5.54	37.36 1.41 0.00	40.65 1.64 0.00	40.56 1.62 0.00	58.08 1.79 0.00	141.11 4.65 0.00	75.44 2.76 0.00	97.11 3.64 0.00	76.92 2.80 0.00	91.11 2.99 0.00	89.05 2.65 0.00	63.98 1.71 0.00	127.24 4.09 0.00	107.27 3.34 0.00	55.63 1.72 0.00
INGHAM_C_115KV_TB7 356103	24.87 -0.32 0.00	21.74 -0.08 0.00	20.55 -0.10 0.00	17.04 -0.07 0.00	16.93 -0.15 0.00	19.02 -0.10 0.00	25.42 -0.18 0.00	24.60 -0.23 0.00	29.85 -0.29 0.00	28.89 -0.38 0.00	35.27 -0.67 0.00	38.30 -0.71 0.00	38.36 -0.58 0.00	55.19 -1.11 0.00	134.25 -2.21 0.00	71.52 -1.16 0.00	92.76 -0.71 0.00	73.55 -0.58 0.00	87.68 -0.44 0.00	86.06 -0.34 0.00	62.06 -0.22 0.00	123.24 0.09 0.00	103.54 -0.39 0.00	53.50 -0.42 0.00
IP CORINTH___1 23988	26.47 1.27 0.00	23.00 1.18 0.00	21.70 1.05 0.00	17.92 0.81 0.00	17.86 0.78 0.00	20.03 0.90 0.00	26.83 1.23 0.00	27.92 1.27 -1.81	31.87 1.67 -0.05	31.77 1.47 -1.03	37.45 1.50 0.00	40.48 1.47 0.00	40.36 1.43 0.00	58.35 2.06 0.00	143.07 6.61 0.00	76.44 3.76 0.00	98.63 5.16 0.00	78.23 4.11 0.00	93.82 5.70 0.00	91.77 5.37 0.00	66.14 3.86 0.00	131.25 8.10 0.00	110.43 6.50 0.00	57.03 3.12 0.00
IP___TICONDEROGA 23804	27.85 2.66 0.00	24.15 2.32 0.00	22.69 2.05 0.00	18.68 1.56 0.00	18.60 1.52 0.00	20.88 1.76 0.00	27.98 2.38 0.00	29.27 2.62 -1.82	33.45 3.25 -0.05	33.13 2.83 -1.03	39.16 3.22 0.00	42.49 3.48 0.00	42.44 3.50 0.00	62.23 5.94 0.00	154.32 17.86 0.00	82.89 10.21 0.00	105.73 12.26 0.00	83.57 9.44 0.00	100.22 12.10 0.00	97.46 11.06 0.00	70.27 7.99 0.00	137.91 14.76 0.00	116.07 12.14 0.00	59.77 5.85 0.00
ISLIP_RES_REC 323679	27.12 1.92 0.00	23.62 1.79 0.00	22.40 1.75 0.00	18.66 1.54 0.00	18.54 1.46 0.00	20.62 1.50 0.00	27.42 1.82 0.00	34.92 1.93 -8.15	32.85 2.47 -0.24	36.47 2.59 -4.61	39.36 3.28 -0.13	45.47 4.05 -2.41	51.94 4.03 -8.97	60.53 4.12 -0.12	146.72 10.26 0.00	78.84 6.15 0.00	144.51 8.26 -42.78	227.91 6.63 -147.16	216.06 7.02 -120.93	122.75 6.61 -29.74	67.63 4.68 -0.68	131.38 8.24 0.00	109.41 5.48 0.00	57.73 3.81 0.00
JAMAICA__27_KV_LOAD 355505	26.64 1.45 0.00	23.28 1.46 0.00	21.91 1.27 0.00	18.12 1.00 0.00	18.01 0.93 0.00	20.16 1.04 0.00	26.99 1.39 0.00	34.54 1.45 -8.24	32.15 1.76 -0.24	35.68 1.74 -4.66	37.82 1.87 0.00	41.21 2.20 0.00	41.19 2.25 0.00	58.87 2.57 0.00	142.62 6.16 0.00	76.21 3.53 0.00	98.29 4.82 0.00	77.90 3.78 0.00	92.15 4.03 0.00	90.02 3.62 0.00	64.58 2.30 0.00	128.32 5.17 0.00	108.18 4.25 0.00	56.04 2.13 0.00
JANIS___SOLAR 323808	26.57 1.37 0.00	22.95 1.13 0.00	21.66 1.02 0.00	17.92 0.80 0.00	17.84 0.76 0.00	20.09 0.97 0.00	26.96 1.36 0.00	26.11 1.27 0.00	31.60 1.46 0.00	30.51 1.23 0.00	37.40 1.45 0.00	40.46 1.45 0.00	41.24 2.02 -0.28	62.05 2.84 -2.91	147.63 7.49 -3.68	80.19 3.64 -3.87	101.49 5.05 -2.97	81.37 4.23 -3.02	97.14 5.50 -3.52	95.84 6.02 -3.43	70.12 4.55 -3.29	135.43 9.14 -3.14	113.28 7.37 -1.97	58.90 3.52 -1.46
JARVIS____ 23743	25.21 0.02 0.00	21.85 0.02 0.00	20.67 0.02 0.00	17.14 0.02 0.00	17.10 0.02 0.00	19.15 0.02 0.00	25.63 0.03 0.00	24.85 0.02 0.00	30.14 0.00 0.00	29.27 0.00 0.00	35.95 0.00 0.00	39.00 -0.01 0.00	38.91 -0.02 0.00	56.22 -0.07 0.00	136.30 -0.16 0.00	72.61 -0.07 0.00	93.42 -0.04 0.00	74.12 0.00 0.00	88.11 0.00 0.00	86.40 0.00 0.00	62.27 0.00 0.00	123.15 0.00 0.00	103.94 0.01 0.00	53.91 0.00 0.00
JENNISON___1 23625	26.65 1.46 0.00	23.05 1.23 0.00	21.75 1.10 0.00	17.98 0.86 0.00	17.90 0.82 0.00	20.16 1.03 0.00	27.06 1.46 0.00	26.25 1.41 0.00	31.89 1.75 0.00	30.97 1.70 0.00	38.07 2.12 0.00	41.16 2.15 0.00	41.69 2.56 -0.20	62.03 3.68 -2.05	148.19 9.14 -2.59	80.06 4.66 -2.72	101.78 6.22 -2.09	81.25 5.00 -2.12	96.69 6.09 -2.48	94.91 6.10 -2.41	69.02 4.43 -2.32	134.25 8.89 -2.21	112.68 7.36 -1.39	58.50 3.56 -1.03
JENNISON___2 23626	26.65 1.46 0.00	23.05 1.23 0.00	21.75 1.10 0.00	17.98 0.86 0.00	17.90 0.82 0.00	20.16 1.03 0.00	27.06 1.46 0.00	26.25 1.41 0.00	31.89 1.75 0.00	30.97 1.70 0.00	38.07 2.12 0.00	41.16 2.15 0.00	41.69 2.56 -0.20	62.03 3.68 -2.05	148.19 9.14 -2.59	80.06 4.66 -2.72	101.78 6.22 -2.09	81.25 5.00 -2.12	96.69 6.09 -2.48	94.91 6.10 -2.41	69.02 4.43 -2.32	134.25 8.89 -2.21	112.68 7.36 -1.39	58.50 3.56 -1.03

JERICO_RISE_WT_PWR 323719	25.21 0.02 0.00	21.68 -0.14 0.00	20.48 -0.17 0.00	16.96 -0.16 0.00	17.00 -0.08 0.00	19.06 -0.07 0.00	25.58 -0.02 0.00	25.01 0.18 0.00	30.38 0.23 0.00	29.41 0.14 0.00	36.14 0.19 0.00	39.30 0.29 0.00	39.10 0.16 0.00	56.81 0.52 0.00	137.30 0.84 0.00	72.69 0.01 0.00	93.61 0.14 0.00	74.35 0.23 0.00	88.47 0.35 0.00	86.79 0.39 0.00	62.77 0.50 0.00	124.21 1.06 0.00	104.83 0.90 0.00	54.36 0.44 0.00
KATONAH__115KV_46KV_TB4 355592	26.50 1.31 0.00	23.15 1.32 0.00	21.82 1.17 0.00	18.05 0.93 0.00	17.95 0.87 0.00	20.11 0.98 0.00	26.88 1.28 0.00	31.40 1.34 -5.22	31.94 1.64 -0.15	33.84 1.61 -2.95	37.84 1.89 0.00	41.17 2.16 0.00	41.12 2.18 0.00	58.93 2.64 0.00	143.31 6.85 0.00	76.72 4.04 0.00	98.86 5.40 0.00	78.31 4.19 0.00	92.78 4.67 0.00	90.57 4.17 0.00	64.99 2.71 0.00	128.90 5.76 0.00	108.55 4.62 0.00	56.25 2.33 0.00
KCE_NY_1 323755	26.52 1.32 0.00	23.08 1.26 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.98 0.89 0.00	20.17 1.04 0.00	26.99 1.39 0.00	28.04 1.38 -1.83	31.95 1.75 -0.05	31.89 1.58 -1.03	37.63 1.68 0.00	40.76 1.75 0.00	40.61 1.67 0.00	58.66 2.37 0.00	143.22 6.77 0.00	76.50 3.82 0.00	98.59 5.13 0.00	78.31 4.19 0.00	93.43 5.31 0.00	91.58 5.18 0.00	66.01 3.73 0.00	130.65 7.50 0.00	110.05 6.12 0.00	56.96 3.04 0.00
KCE_NY_6_ESR 323823	26.80 1.60 0.00	22.89 1.06 0.00	21.64 1.00 0.00	17.81 0.69 0.00	17.61 0.53 0.00	19.97 0.84 0.00	26.86 1.26 0.00	25.65 0.82 0.00	31.18 1.04 0.00	30.38 1.10 0.00	37.54 1.59 0.00	39.94 0.93 0.00	40.53 1.59 0.00	58.98 2.68 0.00	141.73 5.27 0.00	75.26 2.58 0.00	95.91 2.45 0.00	76.24 2.11 0.00	89.92 1.80 0.00	88.26 1.87 0.00	63.91 1.64 0.00	127.73 4.58 0.00	108.85 4.92 0.00	56.97 3.06 0.00
KEDC_PORT_JEFF_GT2 24210	26.85 1.66 0.00	23.41 1.58 0.00	22.20 1.56 0.00	18.49 1.37 0.00	18.36 1.28 0.00	20.41 1.29 0.00	27.14 1.54 0.00	34.62 1.63 -8.15	32.45 2.07 -0.24	36.04 2.16 -4.61	38.82 2.74 -0.13	44.87 3.44 -2.41	51.30 3.39 -8.97	59.35 2.90 -0.15	143.44 6.99 0.00	77.01 4.33 0.00	154.83 5.94 -55.43	269.19 4.85 -190.22	252.42 4.92 -159.39	131.66 4.54 -40.73	66.39 3.24 -0.88	128.55 5.40 0.00	107.20 3.27 0.00	56.90 2.98 0.00
KEDC_PORT_JEFF_GT3 24211	26.85 1.66 0.00	23.41 1.58 0.00	22.20 1.56 0.00	18.49 1.37 0.00	18.36 1.28 0.00	20.41 1.29 0.00	27.14 1.54 0.00	34.62 1.63 -8.15	32.45 2.07 -0.24	36.04 2.16 -4.61	38.82 2.74 -0.13	44.87 3.44 -2.41	51.30 3.39 -8.97	59.35 2.90 -0.15	143.44 6.99 0.00	77.01 4.33 0.00	154.83 5.94 -55.43	269.19 4.85 -190.22	252.42 4.92 -159.39	131.66 4.54 -40.73	66.39 3.24 -0.88	128.55 5.40 0.00	107.20 3.27 0.00	56.90 2.98 0.00
KEDC_GLWD_GT4 24219	26.47 1.27 0.00	23.26 1.43 0.00	21.95 1.30 0.00	18.19 1.08 0.00	18.08 1.00 0.00	20.20 1.07 0.00	26.94 1.34 0.00	34.37 1.38 -8.15	31.94 1.56 -0.24	35.46 1.58 -4.61	38.07 1.99 -0.13	43.79 2.37 -2.41	50.24 2.33 -8.97	58.83 2.54 0.00	143.09 6.63 0.00	76.62 3.94 0.00	98.84 5.37 0.00	79.08 4.24 -0.72	93.66 4.42 -1.13	90.34 3.95 0.00	64.85 2.58 0.00	128.29 5.14 0.00	107.65 3.73 0.00	56.07 2.16 0.00
KEDC_GLWD_GT5 24220	26.47 1.27 0.00	23.26 1.43 0.00	21.95 1.30 0.00	18.19 1.08 0.00	18.08 1.00 0.00	20.20 1.07 0.00	26.94 1.34 0.00	34.37 1.38 -8.15	31.94 1.56 -0.24	35.46 1.58 -4.61	38.07 1.99 -0.13	43.79 2.37 -2.41	50.24 2.33 -8.97	58.83 2.54 0.00	143.09 6.63 0.00	76.62 3.94 0.00	98.84 5.37 0.00	79.08 4.24 -0.72	93.66 4.42 -1.13	90.34 3.95 0.00	64.85 2.58 0.00	128.29 5.14 0.00	107.65 3.73 0.00	56.07 2.16 0.00
KENSICO____ 23655	26.36 1.17 0.00	23.04 1.21 0.00	21.72 1.07 0.00	17.97 0.85 0.00	17.86 0.79 0.00	20.00 0.87 0.00	26.74 1.14 0.00	34.76 1.19 -8.74	31.85 1.45 -0.26	35.63 1.42 -4.94	37.59 1.64 0.00	40.88 1.87 0.00	40.79 1.86 0.00	58.40 2.10 0.00	141.90 5.44 0.00	75.89 3.21 0.00	97.72 4.25 0.00	77.42 3.30 0.00	91.66 3.55 0.00	89.54 3.14 0.00	64.31 2.04 0.00	127.70 4.55 0.00	107.58 3.65 0.00	55.80 1.88 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	26.38 1.18 0.00	22.99 1.17 0.00	21.66 1.02 0.00	17.92 0.80 0.00	17.80 0.72 0.00	19.94 0.81 0.00	26.65 1.05 0.00	25.93 1.10 0.00	31.48 1.34 0.00	30.60 1.33 0.00	37.55 1.60 0.00	40.84 1.83 0.00	40.84 1.90 0.00	58.22 1.92 0.00	141.52 5.06 0.00	75.86 3.18 0.00	98.25 4.78 0.00	77.78 3.66 0.00	92.10 3.99 0.00	90.11 3.71 0.00	64.76 2.49 0.00	129.38 6.23 0.00	108.93 5.00 0.00	56.36 2.44 0.00
KIAC_JFK_GT1 23816	26.56 1.36 0.00	23.20 1.38 0.00	21.85 1.20 0.00	18.07 0.95 0.00	17.96 0.88 0.00	20.11 0.98 0.00	26.91 1.31 0.00	34.45 1.37 -8.24	32.05 1.66 -0.24	35.59 1.65 -4.66	37.70 1.75 0.00	41.07 2.06 0.00	41.02 2.08 0.00	58.60 2.31 0.00	142.04 5.58 0.00	75.92 3.24 0.00	97.90 4.43 0.00	77.58 3.45 0.00	91.78 3.66 0.00	89.66 3.26 0.00	64.31 2.04 0.00	127.79 4.65 0.00	107.75 3.82 0.00	55.83 1.92 0.00
KIAC_JFK_GT2 23817	26.56 1.36 0.00	23.20 1.38 0.00	21.85 1.20 0.00	18.07 0.95 0.00	17.96 0.88 0.00	20.11 0.98 0.00	26.91 1.31 0.00	34.45 1.37 -8.24	32.05 1.66 -0.24	35.59 1.65 -4.66	37.70 1.75 0.00	41.07 2.06 0.00	41.02 2.08 0.00	58.60 2.31 0.00	142.04 5.58 0.00	75.92 3.24 0.00	97.90 4.43 0.00	77.58 3.45 0.00	91.78 3.66 0.00	89.66 3.26 0.00	64.31 2.04 0.00	127.79 4.65 0.00	107.75 3.82 0.00	55.83 1.92 0.00
KIAC_JFK____ 323774	26.55 1.36 0.00	23.19 1.37 0.00	21.84 1.19 0.00	18.06 0.95 0.00	17.96 0.88 0.00	20.10 0.98 0.00	26.91 1.31 0.00	34.45 1.37 -8.24	32.05 1.67 -0.24	35.59 1.65 -4.66	37.69 1.75 0.00	41.07 2.06 0.00	41.02 2.08 0.00	58.62 2.32 0.00	142.04 5.58 0.00	75.92 3.24 0.00	97.91 4.44 0.00	77.58 3.46 0.00	91.77 3.66 0.00	89.66 3.26 0.00	64.31 2.04 0.00	127.81 4.66 0.00	107.74 3.82 0.00	55.83 1.91 0.00
KINTIGH____ 23543	26.19 1.00 0.00	22.40 0.58 0.00	21.20 0.55 0.00	17.48 0.36 0.00	17.30 0.21 0.00	19.58 0.45 0.00	26.32 0.72 0.00	25.14 0.30 0.00	30.49 0.35 0.00	29.65 0.38 0.00	36.57 0.63 0.00	38.99 -0.01 0.00	39.40 0.46 0.00	57.38 1.08 0.00	137.74 1.28 0.00	73.12 0.44 0.00	93.02 -0.45 0.00	73.97 -0.16 0.00	87.38 -0.73 0.00	85.85 -0.55 0.00	62.07 -0.20 0.00	124.46 1.31 0.00	106.01 2.08 0.00	55.54 1.62 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	25.67 0.48 0.00	22.07 0.24 0.00	20.82 0.17 0.00	17.21 0.09 0.00	17.23 0.15 0.00	19.35 0.23 0.00	25.97 0.37 0.00	25.51 0.67 0.00	30.96 0.82 0.00	29.92 0.64 0.00	36.69 0.74 0.00	39.83 0.82 0.00	39.55 0.61 0.00	57.57 1.27 0.00	139.08 2.62 0.00	73.25 0.58 0.00	94.46 1.00 0.00	75.13 1.00 0.00	89.49 1.38 0.00	87.66 1.27 0.00	63.56 1.28 0.00	126.18 3.04 0.00	106.84 2.91 0.00	55.48 1.57 0.00

LACHUTE____HYDRO 323717	27.85 2.66 0.00	24.15 2.32 0.00	22.69 2.05 0.00	18.68 1.56 0.00	18.60 1.52 0.00	20.88 1.76 0.00	27.98 2.38 0.00	29.27 2.62 -1.82	33.45 3.25 -0.05	33.13 2.83 -1.03	39.16 3.21 0.00	42.49 3.48 0.00	42.44 3.50 0.00	62.23 5.94 0.00	154.32 17.86 0.00	82.89 10.22 0.00	105.72 12.25 0.00	83.57 9.44 0.00	100.22 12.10 0.00	97.46 11.06 0.00	70.27 8.00 0.00	137.90 14.76 0.00	116.06 12.13 0.00	59.77 5.86 0.00
LAWRNCAV_115KV_TB1 80681	24.95 -0.24 0.00	21.44 -0.38 0.00	20.31 -0.33 0.00	16.86 -0.26 0.00	16.81 -0.27 0.00	18.66 -0.47 0.00	25.02 -0.58 0.00	24.41 -0.43 0.00	29.61 -0.53 0.00	28.70 -0.58 0.00	35.43 -0.52 0.00	38.70 -0.31 0.00	38.73 -0.30 -0.10	57.06 -0.23 -1.00	136.45 -1.28 -1.27	72.94 -1.07 -1.33	93.25 -1.24 -1.02	74.36 -0.80 -1.04	88.42 -0.91 -1.21	86.88 -0.69 -1.18	63.09 -0.32 -1.13	123.49 -0.74 -1.08	104.36 -0.25 -0.68	54.47 0.05 -0.50
LEDERLE____ 23769	26.33 1.14 0.00	23.00 1.18 0.00	21.67 1.03 0.00	17.93 0.82 0.00	17.82 0.74 0.00	19.95 0.82 0.00	26.66 1.06 0.00	15.18 1.10 10.76	31.14 1.31 0.31	24.47 1.28 6.08	37.51 1.56 0.00	40.86 1.85 0.00	40.81 1.87 0.00	58.49 2.20 0.00	142.05 5.60 0.00	75.88 3.20 0.00	97.63 4.16 0.00	77.31 3.19 0.00	91.54 3.42 0.00	89.45 3.05 0.00	64.30 2.03 0.00	127.95 4.80 0.00	107.96 4.03 0.00	55.92 2.01 0.00
LIGHTHSE_115KV_TB6 355974	24.95 -0.25 0.00	21.49 -0.33 0.00	20.37 -0.28 0.00	16.92 -0.20 0.00	16.87 -0.21 0.00	18.91 -0.22 0.00	25.38 -0.22 0.00	24.61 -0.22 0.00	29.81 -0.34 0.00	29.01 -0.27 0.00	35.72 -0.23 0.00	38.70 -0.31 0.00	39.51 -0.18 -0.76	63.81 -0.40 -7.92	145.07 -1.41 -10.03	82.25 -0.95 -10.52	100.36 -1.20 -8.09	81.85 -0.49 -8.21	97.48 -0.23 -9.59	95.62 -0.10 -9.33	71.46 0.22 -8.97	132.56 0.85 -8.55	109.98 0.68 -5.37	58.04 0.16 -3.97
LINDEN COGEN____ 23786	26.29 1.09 0.00	22.98 1.15 0.00	21.64 1.00 0.00	17.91 0.80 0.00	17.81 0.73 0.00	19.95 0.82 0.00	26.69 1.09 0.00	17.44 1.15 8.54	30.37 1.43 1.20	33.77 1.40 -3.10	37.01 1.57 0.51	34.59 1.78 6.20	34.28 1.78 6.43	35.83 1.91 22.37	103.62 4.87 37.71	39.25 2.81 36.24	66.78 3.77 30.45	52.14 2.88 24.87	63.17 2.93 27.87	76.87 2.52 12.05	43.54 1.49 20.23	124.49 3.40 2.06	89.79 2.58 16.72	46.66 1.30 8.56
LINDHRST_69_KV_BK1 356055	26.98 1.79 0.00	23.53 1.70 0.00	22.28 1.63 0.00	18.51 1.39 0.00	18.37 1.29 0.00	20.44 1.32 0.00	27.19 1.59 0.00	34.64 1.65 -8.15	32.51 2.13 -0.24	36.07 2.19 -4.61	38.87 2.79 -0.13	44.81 3.39 -2.41	51.29 3.38 -8.97	59.74 3.43 -0.01	145.16 8.70 0.00	77.78 5.10 0.00	103.78 6.96 -3.36	91.77 5.60 -12.05	102.55 5.85 -8.58	92.77 5.44 -0.93	66.13 3.80 -0.05	130.33 7.18 0.00	109.08 5.15 0.00	57.21 3.30 0.00
LIPA_MISC_IPP 23656	26.74 1.54 0.00	23.32 1.49 0.00	22.14 1.49 0.00	18.47 1.36 0.00	18.34 1.26 0.00	20.36 1.24 0.00	27.04 1.44 0.00	34.52 1.53 -8.15	32.33 1.95 -0.24	35.88 2.00 -4.61	38.58 2.50 -0.13	44.59 3.17 -2.41	51.08 3.17 -8.97	59.37 2.97 -0.11	143.88 7.42 0.00	77.25 4.57 -40.12	139.81 6.22 -138.40	217.50 4.98 -108.44	201.59 5.04 -24.29	115.48 4.79 -0.63	66.40 3.50 0.00	129.05 5.90 0.00	107.33 3.40 0.00	56.80 2.88 0.00
LISF____SOLAR 323691	26.78 1.59 0.00	23.34 1.52 0.00	22.16 1.52 0.00	18.50 1.38 0.00	18.37 1.28 0.00	20.39 1.26 0.00	27.08 1.48 0.00	34.56 1.57 -8.15	32.36 1.98 -0.24	35.91 2.03 -4.61	38.62 2.55 -0.13	44.64 3.22 -2.41	51.14 3.23 -8.97	59.52 3.12 -0.11	144.18 7.73 0.00	77.42 4.74 0.00	141.66 6.48 -41.71	223.11 5.21 -143.78	207.55 5.35 -114.08	117.72 5.08 -26.24	66.63 3.70 -0.66	129.43 6.29 0.00	107.62 3.68 0.00	56.93 3.01 0.00
LITTLE FALLS____HYD 24013	24.87 -0.32 0.00	21.74 -0.08 0.00	20.55 -0.10 0.00	17.04 -0.07 0.00	16.93 -0.15 0.00	19.02 -0.10 0.00	25.42 -0.18 0.00	24.60 -0.23 0.00	29.85 -0.29 0.00	28.89 -0.38 0.00	35.27 -0.67 0.00	38.30 -0.71 0.00	38.36 -0.58 0.00	55.19 -1.11 0.00	134.25 -2.21 0.00	71.52 -1.16 0.00	92.76 -0.71 0.00	73.55 -0.58 0.00	87.68 -0.44 0.00	86.06 -0.34 0.00	62.06 -0.22 0.00	123.24 0.09 0.00	103.54 -0.39 0.00	53.50 -0.42 0.00
LITTLRIV_115KV_TB1 356100	25.21 0.01 0.00	21.65 -0.17 0.00	20.51 -0.14 0.00	17.01 -0.11 0.00	16.97 -0.11 0.00	18.85 -0.28 0.00	25.31 -0.29 0.00	24.68 -0.15 0.00	29.94 -0.20 0.00	29.04 -0.24 0.00	35.90 -0.05 0.00	39.21 0.20 0.00	39.35 0.30 -0.10	58.16 0.79 -1.08	138.88 1.06 -1.37	73.95 -0.17 -1.43	94.55 -0.02 -1.10	75.41 0.16 -1.12	89.66 0.23 -1.31	88.17 0.50 -1.27	64.09 0.60 -1.22	125.35 1.04 -1.16	105.95 1.29 -0.73	55.21 0.75 -0.54
LI_NEWBRDGE____DRP 323616	26.47 1.28 0.00	23.13 1.30 0.00	21.88 1.23 0.00	18.16 1.04 0.00	18.04 0.96 0.00	20.11 0.98 0.00	26.74 1.14 0.00	34.18 1.19 -8.15	31.91 1.53 -0.24	35.44 1.55 -4.61	38.03 1.96 -0.13	43.79 2.37 -2.41	50.17 2.27 -8.97	58.32 2.02 0.00	141.85 5.40 0.00	76.02 3.35 0.00	98.10 3.72 0.00	78.56 3.67 -0.72	92.91 3.67 -1.13	89.71 3.31 0.00	64.51 2.24 0.00	127.38 4.23 0.00	106.87 2.94 0.00	56.02 2.11 0.00
LOCKPORT_115KV_TB60_63_64 80432	26.57 1.38 0.00	22.64 0.82 0.00	21.43 0.78 0.00	17.64 0.52 0.00	17.43 0.35 0.00	19.76 0.63 0.00	26.53 0.93 0.00	25.22 0.38 0.00	30.50 0.35 0.00	29.66 0.39 0.00	36.61 0.66 0.00	38.91 -0.10 0.00	39.48 0.54 0.00	57.51 1.22 0.00	137.85 1.40 0.00	73.09 0.41 0.00	92.92 -0.55 0.00	73.97 -0.16 0.00	87.32 -0.80 0.00	85.91 -0.49 0.00	62.25 -0.03 0.00	124.80 1.65 0.00	106.66 2.73 0.00	55.95 2.04 0.00
LOCKPORT____CC1 323769	26.57 1.37 0.00	22.65 0.82 0.00	21.43 0.79 0.00	17.64 0.52 0.00	17.43 0.35 0.00	19.76 0.63 0.00	26.49 0.89 0.00	25.16 0.33 0.00	30.42 0.27 0.00	29.58 0.30 0.00	36.49 0.55 0.00	38.78 -0.23 0.00	39.35 0.41 0.00	57.22 0.93 0.00	137.22 0.76 0.00	72.77 0.09 0.00	92.52 -0.95 0.00	73.65 -0.47 0.00	86.91 -1.21 0.00	85.50 -0.90 0.00	61.97 -0.30 0.00	124.35 1.20 0.00	106.27 2.34 0.00	55.76 1.84 0.00
LOCKPORT____CC2 323770	26.57 1.37 0.00	22.65 0.82 0.00	21.43 0.79 0.00	17.64 0.52 0.00	17.43 0.35 0.00	19.76 0.63 0.00	26.49 0.89 0.00	25.16 0.33 0.00	30.42 0.27 0.00	29.58 0.30 0.00	36.49 0.55 0.00	38.78 -0.23 0.00	39.35 0.41 0.00	57.22 0.93 0.00	137.22 0.76 0.00	72.77 0.09 0.00	92.52 -0.95 0.00	73.65 -0.47 0.00	86.91 -1.21 0.00	85.50 -0.90 0.00	61.97 -0.30 0.00	124.35 1.20 0.00	106.27 2.34 0.00	55.76 1.84 0.00
LOCKPORT____CC3 323771	26.57 1.37 0.00	22.65 0.82 0.00	21.43 0.79 0.00	17.64 0.52 0.00	17.43 0.35 0.00	19.76 0.63 0.00	26.49 0.89 0.00	25.16 0.33 0.00	30.42 0.27 0.00	29.58 0.30 0.00	36.49 0.55 0.00	38.78 -0.23 0.00	39.35 0.41 0.00	57.22 0.93 0.00	137.22 0.76 0.00	72.77 0.09 0.00	92.52 -0.95 0.00	73.65 -0.47 0.00	86.91 -1.21 0.00	85.50 -0.90 0.00	61.97 -0.30 0.00	124.35 1.20 0.00	106.27 2.34 0.00	55.76 1.84 0.00

LONG_LAKE_PHOENIX 24014	24.88 -0.31 0.00	21.52 -0.30 0.00	20.37 -0.28 0.00	16.90 -0.22 0.00	16.84 -0.25 0.00	18.88 -0.24 0.00	25.26 -0.34 0.00	24.45 -0.39 0.00	29.66 -0.48 0.00	28.84 -0.44 0.00	35.47 -0.48 0.00	38.40 -0.61 0.00	39.59 -0.40 -1.06	66.81 -0.47 -10.99	148.93 -1.44 -13.91	86.38 -0.90 -14.60	103.41 -1.28 -11.23	84.65 -0.87 -11.39	100.41 -1.02 -13.31	98.25 -1.10 -12.95	74.04 -0.68 -12.44	133.80 -1.22 -11.87	110.35 -1.03 -7.46	58.85 -0.58 -5.51
LOVETT___3 23632	26.18 0.99 0.00	22.88 1.06 0.00	21.57 0.92 0.00	17.85 0.73 0.00	17.75 0.67 0.00	19.86 0.73 0.00	26.53 0.93 0.00	14.51 0.96 11.28	30.93 1.12 0.33	23.96 1.07 6.38	37.21 1.26 0.00	40.52 1.51 0.00	40.44 1.50 0.00	57.92 1.63 0.00	140.69 4.23 0.00	75.19 2.51 0.00	96.73 3.27 0.00	76.61 2.49 0.00	90.75 2.63 0.00	88.67 2.27 0.00	63.75 1.48 0.00	127.05 3.90 0.00	107.27 3.34 0.00	55.59 1.68 0.00
LOVETT___4 23642	26.18 0.99 0.00	22.88 1.06 0.00	21.57 0.92 0.00	17.85 0.73 0.00	17.75 0.67 0.00	19.86 0.73 0.00	26.53 0.93 0.00	14.51 0.96 11.28	30.93 1.12 0.33	23.96 1.07 6.38	37.21 1.26 0.00	40.52 1.51 0.00	40.44 1.50 0.00	57.92 1.63 0.00	140.69 4.23 0.00	75.19 2.51 0.00	96.73 3.27 0.00	76.61 2.49 0.00	90.75 2.63 0.00	88.67 2.27 0.00	63.75 1.48 0.00	127.05 3.90 0.00	107.27 3.34 0.00	55.59 1.68 0.00
LOVETT___5 23593	26.18 0.99 0.00	22.88 1.06 0.00	21.57 0.92 0.00	17.85 0.73 0.00	17.75 0.67 0.00	19.86 0.73 0.00	26.53 0.93 0.00	14.51 0.96 11.28	30.93 1.12 0.33	23.96 1.07 6.38	37.21 1.26 0.00	40.52 1.51 0.00	40.44 1.50 0.00	57.92 1.63 0.00	140.69 4.23 0.00	75.19 2.51 0.00	96.73 3.27 0.00	76.61 2.49 0.00	90.75 2.63 0.00	88.67 2.27 0.00	63.75 1.48 0.00	127.05 3.90 0.00	107.27 3.34 0.00	55.59 1.68 0.00
LOWER_RAQUET___HYD 24057	24.93 -0.27 0.00	21.41 -0.41 0.00	20.28 -0.37 0.00	16.83 -0.30 0.00	16.77 -0.31 0.00	18.57 -0.56 0.00	24.91 -0.69 0.00	24.30 -0.53 0.00	29.49 -0.65 0.00	28.57 -0.70 0.00	35.30 -0.64 0.00	38.60 -0.41 0.00	38.64 -0.41 -0.11	57.05 -0.39 -1.15	136.11 -1.80 -1.46	72.82 -1.38 -1.53	93.03 -1.61 -1.17	74.28 -1.04 -1.19	88.34 -1.16 -1.39	86.82 -0.93 -1.35	63.12 -0.45 -1.30	123.40 -0.98 -1.24	104.34 -0.37 -0.78	54.54 0.05 -0.58
LOWER___HUDSON 24059	26.10 0.91 0.00	22.78 0.96 0.00	21.55 0.90 0.00	17.86 0.74 0.00	17.77 0.69 0.00	19.92 0.79 0.00	26.60 0.99 0.00	27.72 0.95 -1.93	31.38 1.18 -0.06	31.36 1.00 -1.09	36.85 0.90 0.00	39.87 0.86 0.00	39.69 0.75 0.00	57.20 0.91 0.00	139.56 3.11 0.00	74.40 1.72 0.00	95.88 2.42 0.00	76.06 1.94 0.00	90.86 2.74 0.00	89.23 2.83 0.00	64.36 2.09 0.00	127.45 4.30 0.00	107.46 3.53 0.00	55.73 1.82 0.00
LOWVILLE_115KV_TB2 356335	24.94 -0.25 0.00	21.31 -0.51 0.00	20.23 -0.42 0.00	16.90 -0.22 0.00	16.89 -0.19 0.00	18.84 -0.29 0.00	25.40 -0.20 0.00	24.83 -0.01 0.00	30.13 -0.01 0.00	29.36 0.08 0.00	36.28 0.33 0.00	39.42 0.41 0.00	39.64 0.42 -0.28	59.48 0.29 -2.89	140.08 -0.04 -3.66	76.11 -0.41 -3.84	96.45 0.03 -2.96	77.91 0.79 -3.00	93.39 1.77 -3.50	91.82 2.01 -3.41	67.40 1.86 -3.28	130.17 3.90 -3.12	109.22 3.33 -1.96	56.82 1.45 -1.45
LUTHERFT_115KV_GLOB_FND_222 355753	26.52 1.33 0.00	23.09 1.27 0.00	21.82 1.17 0.00	18.06 0.94 0.00	17.98 0.90 0.00	20.17 1.04 0.00	26.98 1.38 0.00	28.01 1.35 -1.83	31.90 1.70 -0.05	31.85 1.54 -1.03	37.57 1.63 0.00	40.70 1.69 0.00	40.57 1.63 0.00	58.55 2.26 0.00	142.97 6.52 0.00	76.35 3.67 0.00	98.48 5.02 0.00	78.13 4.01 0.00	93.27 5.16 0.00	91.42 5.03 0.00	65.89 3.62 0.00	130.47 7.33 0.00	109.91 5.98 0.00	56.90 2.99 0.00
LUTHERNY_35_KV_BK2 355980	26.52 1.33 0.00	23.09 1.26 0.00	21.81 1.17 0.00	18.05 0.93 0.00	17.98 0.89 0.00	20.17 1.04 0.00	26.99 1.39 0.00	28.04 1.38 -1.83	31.95 1.75 -0.05	31.89 1.58 -1.03	37.63 1.68 0.00	40.76 1.75 0.00	40.61 1.67 0.00	58.65 2.35 0.00	143.16 6.70 0.00	76.49 3.81 0.00	98.62 5.15 0.00	78.31 4.19 0.00	93.43 5.31 0.00	91.58 5.18 0.00	66.01 3.73 0.00	130.65 7.50 0.00	110.06 6.13 0.00	56.96 3.04 0.00
LWR___OSWEGATCHIE_HYD 23850	24.88 -0.32 0.00	21.32 -0.50 0.00	20.22 -0.43 0.00	16.82 -0.30 0.00	16.79 -0.29 0.00	18.66 -0.46 0.00	25.11 -0.50 0.00	24.50 -0.34 0.00	29.70 -0.44 0.00	28.86 -0.41 0.00	35.66 -0.29 0.00	38.87 -0.14 0.00	38.99 -0.17 -0.22	58.23 -0.34 -2.27	137.75 -1.59 -2.88	74.55 -1.15 -3.02	94.64 -1.15 -2.32	76.13 -0.35 -2.36	90.93 0.06 -2.75	89.39 0.32 -2.68	65.44 0.59 -2.57	126.85 1.25 -2.46	106.79 1.32 -1.54	55.68 0.63 -1.14
LYONS_FALL_HYD 23570	25.34 0.15 0.00	21.80 -0.03 0.00	20.65 0.01 0.00	17.18 0.06 0.00	17.14 0.06 0.00	19.17 0.05 0.00	25.77 0.17 0.00	25.10 0.26 0.00	30.49 0.34 0.00	29.67 0.39 0.00	36.61 0.66 0.00	39.74 0.73 0.00	39.93 0.83 -0.17	59.15 1.12 -1.74	141.02 2.37 -2.20	75.93 0.95 -2.31	96.83 1.59 -1.77	77.59 1.66 -1.80	92.66 2.45 -2.10	91.02 2.58 -2.04	66.30 2.06 -1.96	129.27 4.25 -1.88	108.52 3.41 -1.18	56.31 1.53 -0.87
MADISON___COUNTY_LFGE 323628	25.78 0.58 0.00	22.28 0.46 0.00	21.06 0.42 0.00	17.47 0.35 0.00	17.39 0.31 0.00	19.52 0.39 0.00	26.17 0.56 0.00	25.38 0.54 0.00	30.82 0.68 0.00	30.01 0.73 0.00	37.00 1.05 0.00	40.12 1.11 0.00	40.45 1.35 -0.17	60.08 2.03 -1.76	143.57 4.88 -2.22	77.46 2.45 -2.33	98.54 3.28 -1.80	78.65 2.70 -1.82	93.63 3.39 -2.13	91.87 3.40 -2.07	66.84 2.58 -1.99	130.14 5.09 -1.90	109.10 3.98 -1.19	56.62 1.83 -0.88
MALONE___115KV_TB1 356076	25.41 0.21 0.00	21.83 0.00 0.00	20.62 -0.02 0.00	17.07 -0.04 0.00	17.09 0.01 0.00	19.11 -0.02 0.00	25.66 0.06 0.00	25.12 0.28 0.00	30.49 0.35 0.00	29.56 0.28 0.00	36.39 0.45 0.00	39.62 0.61 0.00	39.51 0.57 0.00	57.42 1.12 0.00	138.60 2.14 0.00	73.36 0.68 0.00	94.51 1.04 0.00	75.13 1.01 0.00	89.37 1.26 0.00	87.71 1.31 0.00	63.48 1.21 0.00	125.56 2.41 0.00	106.04 2.11 0.00	54.95 1.04 0.00
MAPLEWOD_115KV_TB3 80458	26.07 0.87 0.00	22.73 0.90 0.00	21.48 0.83 0.00	17.79 0.68 0.00	17.72 0.64 0.00	19.88 0.75 0.00	26.58 0.98 0.00	27.65 0.92 -1.89	31.34 1.14 -0.06	31.34 1.00 -1.07	36.92 0.97 0.00	40.01 1.00 0.00	39.91 0.97 0.00	57.49 1.20 0.00	140.04 3.59 0.00	74.74 2.06 0.00	96.39 2.93 0.00	76.51 2.38 0.00	91.06 2.95 0.00	89.35 2.95 0.00	64.39 2.12 0.00	127.52 4.38 0.00	107.53 3.60 0.00	55.75 1.83 0.00
MAPLE_RIDGE_WT_1 323574	24.99 -0.20 0.00	21.46 -0.36 0.00	20.32 -0.33 0.00	16.92 -0.20 0.00	16.91 -0.17 0.00	18.92 -0.21 0.00	25.38 -0.22 0.00	24.72 -0.11 0.00	30.04 -0.11 0.00	29.16 -0.11 0.00	35.83 -0.12 0.00	38.91 -0.09 0.00	38.84 -0.10 0.00	56.16 -0.13 0.00	135.92 -0.54 0.00	72.31 -0.37 0.00	92.97 -0.50 0.00	73.85 -0.28 0.00	87.86 -0.26 0.00	86.14 -0.26 0.00	62.14 -0.14 0.00	122.88 -0.27 0.00	103.66 -0.27 0.00	53.77 -0.15 0.00

MAPLE_RIDGE_WT_2 323611	24.99 -0.20 0.00	21.46 -0.36 0.00	20.32 -0.33 0.00	16.92 -0.20 0.00	16.91 -0.17 0.00	18.92 -0.21 0.00	25.38 -0.22 0.00	24.72 -0.11 0.00	30.04 -0.11 0.00	29.16 -0.11 0.00	35.83 -0.12 0.00	38.91 -0.09 0.00	38.84 -0.10 0.00	56.16 -0.13 0.00	135.92 -0.54 0.00	72.31 -0.37 0.00	92.97 -0.50 0.00	73.85 -0.28 0.00	87.86 -0.26 0.00	86.14 -0.26 0.00	62.14 -0.14 0.00	122.88 -0.27 0.00	103.66 -0.27 0.00	53.77 -0.15 0.00
MARBLE_RIVER_WT_PWR 323696	25.30 0.11 0.00	21.76 -0.07 0.00	20.53 -0.11 0.00	16.99 -0.12 0.00	17.04 -0.04 0.00	19.11 -0.02 0.00	25.65 0.05 0.00	25.08 0.25 0.00	30.47 0.33 0.00	29.49 0.21 0.00	36.22 0.27 0.00	39.35 0.34 0.00	39.13 0.19 0.00	56.88 0.58 0.00	137.40 0.94 0.00	72.65 -0.03 0.00	93.58 0.12 0.00	74.37 0.25 0.00	88.53 0.41 0.00	86.80 0.40 0.00	62.82 0.55 0.00	124.43 1.28 0.00	105.12 1.19 0.00	54.54 0.63 0.00
MARSHVLE_115KV_TB1 80742	27.65 2.46 0.00	23.80 1.97 0.00	22.46 1.82 0.00	18.58 1.47 0.00	18.57 1.49 0.00	20.80 1.67 0.00	27.96 2.36 0.00	28.45 2.29 -1.32	32.92 2.74 -0.04	32.75 2.73 -0.75	39.44 3.49 0.00	42.79 3.78 0.00	42.77 3.84 0.00	61.64 5.35 0.00	149.18 12.73 0.00	79.64 6.97 0.00	102.87 9.41 0.00	81.75 7.62 0.00	96.65 8.53 0.00	94.82 8.42 0.00	68.48 6.21 0.00	135.55 12.40 0.00	114.50 10.57 0.00	59.18 5.27 0.00
MARSH_HILL_WT_PWR 323713	26.69 1.50 0.00	22.94 1.12 0.00	21.63 0.98 0.00	17.78 0.67 0.00	17.65 0.57 0.00	19.95 0.82 0.00	26.74 1.14 0.00	25.73 0.89 0.00	31.29 1.15 0.00	30.54 1.27 0.00	37.68 1.73 0.00	40.29 1.28 0.00	40.87 1.81 -0.12	60.42 2.90 -1.23	144.23 6.21 -1.56	77.46 3.14 -1.63	98.21 3.49 -1.26	78.24 2.84 -1.28	92.47 2.86 -1.49	90.61 2.76 -1.45	65.90 2.24 -1.39	129.83 5.35 -1.33	109.97 5.20 -0.83	57.39 2.86 -0.62
MCINTYRE_115KV_TB2 80467	25.43 0.23 0.00	21.85 0.03 0.00	20.68 0.04 0.00	17.15 0.03 0.00	17.14 0.06 0.00	19.10 -0.02 0.00	25.68 0.08 0.00	25.01 0.17 0.00	30.33 0.18 0.00	29.41 0.13 0.00	36.30 0.35 0.00	39.62 0.61 0.00	39.74 0.71 -0.09	58.69 1.44 -0.96	140.45 2.77 -1.22	74.75 0.79 -1.28	95.63 1.18 -0.98	76.20 1.08 -1.00	90.57 1.29 -1.17	89.13 1.60 -1.13	64.77 1.41 -1.09	126.80 2.61 -1.04	107.04 2.46 -0.65	55.66 1.27 -0.48
MECO____69_KV_BK1 80468	27.72 2.52 0.00	24.06 2.23 0.00	22.75 2.11 0.00	18.87 1.75 0.00	18.76 1.67 0.00	21.07 1.95 0.00	28.24 2.64 0.00	28.76 2.46 -1.47	32.83 2.64 -0.04	32.56 2.46 -0.83	39.08 3.13 0.00	42.14 3.13 0.00	42.60 3.66 0.00	62.33 6.04 0.00	151.35 14.89 0.00	80.46 7.78 0.00	105.13 11.66 0.00	83.03 8.91 0.00	98.31 10.20 0.00	96.64 10.24 0.00	69.87 7.59 0.00	137.99 14.84 0.00	116.16 12.23 0.00	59.72 5.81 0.00
MENANDS__115KV_TB5 355628	25.80 0.61 0.00	22.52 0.70 0.00	21.30 0.65 0.00	17.64 0.53 0.00	17.57 0.49 0.00	19.70 0.57 0.00	26.34 0.74 0.00	27.41 0.67 -1.91	31.01 0.81 -0.06	31.00 0.64 -1.08	36.45 0.50 0.00	39.49 0.48 0.00	39.35 0.41 0.00	56.58 0.28 0.00	137.82 1.37 0.00	73.56 0.89 0.00	94.78 1.32 0.00	75.19 1.07 0.00	89.55 1.44 0.00	87.91 1.51 0.00	63.36 1.09 0.00	125.53 2.38 0.00	105.94 2.01 0.00	54.99 1.07 0.00
MG INDUSTRY__DRP 24185	25.96 0.77 0.00	22.64 0.81 0.00	21.42 0.77 0.00	17.76 0.64 0.00	17.67 0.59 0.00	19.84 0.72 0.00	26.53 0.93 0.00	27.34 0.85 -1.65	31.13 0.93 -0.05	30.92 0.71 -0.93	36.47 0.52 0.00	39.47 0.46 0.00	39.36 0.42 0.00	56.67 0.38 0.00	137.75 1.29 0.00	73.47 0.79 0.00	94.61 1.14 0.00	75.08 0.96 0.00	89.59 1.47 0.00	88.06 1.66 0.00	63.52 1.25 0.00	125.42 2.27 0.00	106.10 2.17 0.00	55.12 1.21 0.00
MID__OSWEGATCHIE_HYD 23849	24.88 -0.32 0.00	21.32 -0.50 0.00	20.22 -0.43 0.00	16.82 -0.30 0.00	16.79 -0.29 0.00	18.66 -0.46 0.00	25.11 -0.50 0.00	24.50 -0.34 0.00	29.70 -0.44 0.00	28.86 -0.41 0.00	35.66 -0.29 0.00	38.87 -0.14 0.00	38.99 -0.17 -0.22	58.23 -0.34 -2.27	137.75 -1.59 -2.88	74.55 -1.15 -3.02	94.64 -1.15 -2.32	76.13 -0.35 -2.36	90.93 0.06 -2.75	89.39 0.32 -2.68	65.44 0.59 -2.57	126.85 1.25 -2.46	106.79 1.32 -1.54	55.68 0.63 -1.14
MID__RAQUETTE_HYD 23851	24.93 -0.27 0.00	21.41 -0.41 0.00	20.28 -0.37 0.00	16.83 -0.29 0.00	16.77 -0.31 0.00	18.57 -0.56 0.00	24.91 -0.69 0.00	24.30 -0.53 0.00	29.49 -0.65 0.00	28.57 -0.70 0.00	35.30 -0.64 0.00	38.60 -0.41 0.00	38.64 -0.41 -0.11	57.04 -0.40 -1.15	136.06 -1.86 -1.46	72.82 -1.39 -1.53	93.03 -1.61 -1.17	74.28 -1.04 -1.19	88.35 -1.16 -1.39	86.82 -0.93 -1.35	63.12 -0.46 -1.30	123.41 -0.98 -1.24	104.34 -0.37 -0.78	54.54 0.05 -0.58
MILLIKEN__1 23584	25.88 0.68 0.00	22.38 0.55 0.00	21.15 0.50 0.00	17.52 0.41 0.00	17.45 0.37 0.00	19.63 0.50 0.00	26.28 0.68 0.00	25.47 0.63 0.00	30.90 0.76 0.00	30.01 0.73 0.00	36.89 0.95 0.00	39.97 0.96 0.00	40.52 1.20 -0.38	62.12 1.86 -3.96	145.97 4.50 -5.02	80.17 2.23 -5.27	100.40 2.89 -4.05	80.59 2.36 -4.11	95.88 2.97 -4.80	94.15 3.08 -4.67	69.13 2.37 -4.49	132.33 4.90 -4.28	110.46 3.84 -2.69	57.79 1.89 -1.99
MILLIKEN__2 23585	25.88 0.68 0.00	22.38 0.55 0.00	21.15 0.50 0.00	17.52 0.41 0.00	17.45 0.37 0.00	19.63 0.50 0.00	26.28 0.68 0.00	25.47 0.63 0.00	30.90 0.76 0.00	30.01 0.73 0.00	36.89 0.95 0.00	39.97 0.96 0.00	40.52 1.20 -0.38	62.12 1.86 -3.96	145.97 4.50 -5.02	80.17 2.23 -5.27	100.40 2.89 -4.05	80.59 2.36 -4.11	95.88 2.97 -4.80	94.15 3.08 -4.67	69.13 2.37 -4.49	132.33 4.90 -4.28	110.46 3.84 -2.69	57.79 1.89 -1.99
MILLIKEN__DIESEL 23629	25.88 0.68 0.00	22.38 0.55 0.00	21.15 0.50 0.00	17.52 0.41 0.00	17.45 0.37 0.00	19.63 0.50 0.00	26.28 0.68 0.00	25.47 0.63 0.00	30.90 0.76 0.00	30.01 0.73 0.00	36.89 0.95 0.00	39.97 0.96 0.00	40.52 1.20 -0.38	62.12 1.86 -3.96	145.97 4.50 -5.02	80.17 2.23 -5.27	100.40 2.89 -4.05	80.59 2.36 -4.11	95.88 2.97 -4.80	94.15 3.08 -4.67	69.13 2.37 -4.49	132.33 4.90 -4.28	110.46 3.84 -2.69	57.79 1.89 -1.99
MILLSEAT__LFGE 323607	26.97 1.78 0.00	22.99 1.16 0.00	21.74 1.09 0.00	17.89 0.77 0.00	17.69 0.61 0.00	20.05 0.93 0.00	26.95 1.35 0.00	25.71 0.88 0.00	31.15 1.01 0.00	30.29 1.02 0.00	37.42 1.47 0.00	39.88 0.87 0.00	40.48 1.54 0.00	58.92 2.62 0.00	141.70 5.24 0.00	75.19 2.51 0.00	95.67 2.20 0.00	76.14 2.02 0.00	90.12 2.01 0.00	88.82 2.42 0.00	64.29 2.01 0.00	128.61 5.46 0.00	109.48 5.55 0.00	57.22 3.30 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	26.31 1.12 0.00	22.99 1.17 0.00	21.67 1.03 0.00	17.94 0.82 0.00	17.83 0.75 0.00	19.96 0.83 0.00	26.69 1.09 0.00	35.09 1.13 -9.12	31.78 1.37 -0.27	35.76 1.33 -5.16	37.48 1.54 0.00	40.78 1.77 0.00	40.68 1.74 0.00	58.25 1.96 0.00	141.53 5.08 0.00	75.68 3.01 0.00	97.48 4.01 0.00	77.21 3.09 0.00	91.46 3.35 0.00	89.36 2.96 0.00	64.19 1.91 0.00	127.52 4.37 0.00	107.46 3.53 0.00	55.73 1.82 0.00

MILLWOOD_13_KV_LOAD 356217	26.39 1.20 0.00	23.06 1.23 0.00	21.73 1.09 0.00	17.98 0.87 0.00	17.88 0.80 0.00	20.02 0.89 0.00	26.77 1.16 0.00	35.17 1.21 -9.12	31.88 1.47 -0.27	35.88 1.45 -5.16	37.63 1.68 0.00	40.96 1.95 0.00	40.87 1.94 0.00	58.55 2.25 0.00	142.25 5.79 0.00	76.10 3.42 0.00	97.99 4.53 0.00	77.64 3.52 0.00	91.99 3.87 0.00	89.87 3.48 0.00	64.54 2.27 0.00	128.16 5.01 0.00	107.92 4.00 0.00	55.96 2.04 0.00
MODEL_CITY_ENERGY 24167	26.30 1.10 0.00	22.41 0.58 0.00	21.22 0.57 0.00	17.46 0.35 0.00	17.25 0.17 0.00	19.56 0.44 0.00	26.29 0.69 0.00	24.99 0.15 0.00	30.23 0.09 0.00	29.39 0.11 0.00	36.26 0.31 0.00	38.52 -0.49 0.00	39.07 0.13 0.00	56.80 0.50 0.00	136.16 -0.29 0.00	72.26 -0.42 0.00	91.88 -1.58 0.00	73.18 -0.94 0.00	86.35 -1.77 0.00	84.95 -1.44 0.00	61.54 -0.73 0.00	123.42 0.28 0.00	105.64 1.71 0.00	55.48 1.57 0.00
MODERN_LFGE_ 323580	26.30 1.10 0.00	22.41 0.58 0.00	21.22 0.57 0.00	17.46 0.35 0.00	17.25 0.17 0.00	19.56 0.44 0.00	26.29 0.69 0.00	24.99 0.15 0.00	30.23 0.09 0.00	29.39 0.11 0.00	36.26 0.31 0.00	38.52 -0.49 0.00	39.07 0.13 0.00	56.80 0.50 0.00	136.16 -0.29 0.00	72.26 -0.42 0.00	91.88 -1.58 0.00	73.18 -0.94 0.00	86.35 -1.77 0.00	84.95 -1.44 0.00	61.54 -0.73 0.00	123.42 0.28 0.00	105.64 1.71 0.00	55.48 1.57 0.00
MOHAWK_PAPER___DRP 24187	26.07 0.87 0.00	22.73 0.90 0.00	21.48 0.83 0.00	17.79 0.68 0.00	17.72 0.64 0.00	19.88 0.75 0.00	26.58 0.98 0.00	27.65 0.92 -1.89	31.34 1.14 -0.06	31.34 1.00 -1.07	36.92 0.97 0.00	40.01 1.00 0.00	39.91 0.97 0.00	57.49 1.20 0.00	140.04 3.59 0.00	74.74 2.06 0.00	96.39 2.93 0.00	76.51 2.38 0.00	91.06 2.95 0.00	89.35 2.95 0.00	64.39 2.12 0.00	127.52 4.38 0.00	107.53 3.60 0.00	55.75 1.83 0.00
MOHICAN__35_KV_115KV_LD 80490	26.65 1.45 0.00	23.17 1.34 0.00	21.85 1.20 0.00	18.05 0.93 0.00	17.98 0.90 0.00	20.17 1.04 0.00	27.00 1.40 0.00	28.11 1.45 -1.82	32.07 1.88 -0.05	31.94 1.64 -1.03	37.63 1.68 0.00	40.72 1.71 0.00	40.61 1.67 0.00	58.80 2.51 0.00	144.21 7.75 0.00	77.08 4.41 0.00	99.43 5.96 0.00	78.84 4.72 0.00	94.52 6.40 0.00	92.47 6.07 0.00	66.62 4.35 0.00	132.01 8.87 0.00	111.06 7.13 0.00	57.39 3.47 0.00
MONGAUP___HYD 23641	26.25 1.05 0.00	22.87 1.05 0.00	21.57 0.92 0.00	17.84 0.72 0.00	17.73 0.65 0.00	19.86 0.73 0.00	26.55 0.95 0.00	19.39 0.97 6.42	31.09 1.14 0.19	26.72 1.07 3.63	37.21 1.26 0.00	40.37 1.36 0.00	40.21 1.27 0.00	57.86 1.57 0.00	140.89 4.43 0.00	74.93 2.25 0.00	96.68 3.21 0.00	76.85 2.72 0.00	92.09 3.97 0.00	89.61 3.22 0.00	64.73 2.46 0.00	128.19 5.05 0.00	108.23 4.30 0.00	56.05 2.14 0.00
MONTAUK___DIESEL 23721	28.07 2.88 0.00	24.40 2.58 0.00	23.12 2.47 0.00	19.29 2.17 0.00	19.16 2.08 0.00	21.27 2.15 0.00	28.31 2.71 0.00	35.84 2.85 -8.15	34.07 3.69 -0.24	37.61 3.72 -4.61	40.48 4.41 -0.13	46.80 5.37 -2.41	53.38 5.47 -8.97	63.01 6.60 -0.11	152.67 16.21 0.00	81.73 9.05 0.00	146.37 12.17 -40.74	224.32 9.71 -140.49	209.26 10.54 -110.60	121.35 9.93 -25.02	70.29 7.38 -0.64	136.68 13.53 0.00	113.62 9.69 0.00	60.13 6.21 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.23 2.04 0.00	23.31 1.49 0.00	21.98 1.34 0.00	18.05 0.93 0.00	17.90 0.81 0.00	20.32 1.19 0.00	27.38 1.78 0.00	26.26 1.43 0.00	32.06 1.91 0.00	31.46 2.19 0.00	39.10 3.16 0.00	41.71 2.70 0.00	42.34 3.41 0.00	61.69 5.40 0.00	148.46 12.00 0.00	78.71 6.03 0.00	100.35 6.89 0.00	79.38 5.25 0.00	93.67 5.55 0.00	91.62 5.22 0.00	66.47 4.20 0.00	132.44 9.29 0.00	112.61 8.68 0.00	58.57 4.66 0.00
MORTIMER_115KV_TB3 55949	26.33 1.13 0.00	22.55 0.72 0.00	21.32 0.67 0.00	17.60 0.48 0.00	17.45 0.36 0.00	19.69 0.56 0.00	26.45 0.85 0.00	25.42 0.58 0.00	30.88 0.74 0.00	30.08 0.81 0.00	37.13 1.18 0.00	39.85 0.85 0.00	40.24 1.31 0.00	58.54 2.25 0.00	140.99 4.54 0.00	74.99 2.32 0.00	95.78 2.32 0.00	76.08 1.96 0.00	90.16 2.04 0.00	88.53 2.13 0.00	63.87 1.60 0.00	127.27 4.13 0.00	107.84 3.91 0.00	56.20 2.29 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	26.51 1.32 0.00	23.17 1.35 0.00	21.82 1.17 0.00	18.06 0.94 0.00	17.95 0.87 0.00	20.11 0.98 0.00	26.90 1.30 0.00	34.44 1.36 -8.24	32.07 1.69 -0.24	35.59 1.66 -4.66	37.83 1.89 0.00	41.14 2.13 0.00	41.04 2.10 0.00	58.67 2.37 0.00	142.39 5.94 0.00	76.10 3.43 0.00	98.01 4.55 0.00	77.62 3.49 0.00	91.79 3.68 0.00	89.62 3.22 0.00	64.28 2.01 0.00	127.63 4.48 0.00	107.40 3.47 0.00	55.71 1.80 0.00
MUNSVILLE_WIND_PWR 323609	27.34 2.15 0.00	23.61 1.79 0.00	22.27 1.63 0.00	18.40 1.28 0.00	18.31 1.23 0.00	20.66 1.53 0.00	27.80 2.20 0.00	26.95 2.12 0.00	32.74 2.60 0.00	31.61 2.33 0.00	38.83 2.88 0.00	41.98 2.97 0.00	42.81 3.63 -0.24	63.96 5.19 -2.48	152.96 13.36 -3.14	82.56 6.59 -3.29	105.06 9.06 -2.53	84.10 7.41 -2.57	100.31 9.20 -3.00	98.89 9.58 -2.92	72.14 7.06 -2.80	139.80 13.98 -2.68	116.88 11.27 -1.68	60.52 5.36 -1.24
N SALMON___HYD 24042	25.40 0.21 0.00	21.83 0.00 0.00	20.62 -0.03 0.00	17.08 -0.04 0.00	17.09 0.01 0.00	19.11 -0.02 0.00	25.66 0.06 0.00	25.12 0.28 0.00	30.49 0.35 0.00	29.56 0.28 0.00	36.39 0.45 0.00	39.62 0.61 0.00	39.51 0.57 0.00	57.42 1.12 0.00	138.59 2.14 0.00	73.36 0.68 0.00	94.51 1.04 0.00	75.13 1.01 0.00	89.37 1.26 0.00	87.71 1.31 0.00	63.48 1.21 0.00	125.56 2.41 0.00	106.03 2.11 0.00	54.95 1.04 0.00
N.AKRON__115KV_KNAPP 355671	26.93 1.73 0.00	22.93 1.11 0.00	21.69 1.04 0.00	17.86 0.74 0.00	17.65 0.56 0.00	20.01 0.88 0.00	26.88 1.29 0.00	25.63 0.79 0.00	31.04 0.90 0.00	30.19 0.91 0.00	37.29 1.35 0.00	39.70 0.69 0.00	40.33 1.39 0.00	58.76 2.47 0.00	141.05 4.59 0.00	74.72 2.04 0.00	95.05 1.58 0.00	75.65 1.53 0.00	89.44 1.33 0.00	88.10 1.71 0.00	63.80 1.53 0.00	127.68 4.53 0.00	108.85 4.92 0.00	56.96 3.05 0.00
N.BELMOR_69_KV_BK1 55787	26.70 1.51 0.00	23.32 1.50 0.00	22.05 1.40 0.00	18.30 1.18 0.00	18.17 1.09 0.00	20.26 1.14 0.00	26.96 1.36 0.00	34.39 1.40 -8.15	32.18 1.80 -0.24	35.68 1.79 -4.61	38.32 2.24 -0.13	44.04 2.62 -2.41	50.49 2.59 -8.97	58.88 2.59 0.00	143.40 6.95 0.00	76.83 4.15 0.00	99.16 5.70 0.00	79.42 4.58 -0.72	93.95 4.70 -1.13	90.64 4.25 0.00	65.15 2.88 0.00	128.90 5.75 0.00	108.07 4.14 0.00	56.53 2.62 0.00
N.E._GEN_SANDY PD 24062	26.07 0.88 0.00	22.87 1.00 -0.04	21.65 0.93 -0.07	17.87 0.75 -0.01	18.10 0.68 -0.34	20.04 0.77 -0.14	26.55 0.94 0.00	28.76 0.94 -2.98	30.16 1.14 1.12	31.64 0.98 -1.38	36.83 0.88 0.00	39.86 0.85 0.00	39.20 0.70 0.43	61.24 0.71 -4.24	139.48 2.57 -0.45	74.21 1.53 0.00	95.59 2.12 0.00	75.77 1.65 0.00	90.41 2.29 0.00	206.76 2.28 -118.09	183.99 1.60 -120.12	158.74 3.42 -32.17	90.65 2.84 16.12	55.45 1.53 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	26.23 1.04 0.00	22.92 1.10 0.00	21.60 0.95 0.00	17.88 0.76 0.00	17.77 0.69 0.00	19.89 0.76 0.00	26.58 0.98 0.00	14.79 1.01 11.05	31.01 1.19 0.32	24.18 1.16 6.25	37.34 1.39 0.00	40.67 1.66 0.00	40.60 1.66 0.00	58.19 1.89 0.00	141.28 4.83 0.00	75.50 2.83 0.00	97.15 3.68 0.00	76.95 2.83 0.00	91.11 3.00 0.00	89.05 2.65 0.00	64.00 1.73 0.00	127.44 4.29 0.00	107.56 3.63 0.00	55.73 1.82 0.00
N.QUEENS_27_KV_LOAD 356247	26.66 1.46 0.00	23.29 1.46 0.00	21.91 1.27 0.00	18.14 1.03 0.00	18.03 0.95 0.00	20.19 1.06 0.00	27.04 1.44 0.00	34.57 1.49 -8.24	32.23 1.84 -0.24	35.68 1.75 -4.66	37.88 1.94 0.00	41.16 2.15 0.00	41.16 2.22 0.00	58.77 2.47 0.00	142.47 6.02 0.00	76.16 3.48 0.00	98.11 4.64 0.00	77.64 3.51 0.00	91.70 3.58 0.00	89.71 3.32 0.00	64.34 2.07 0.00	127.71 4.56 0.00	107.49 3.56 0.00	55.77 1.86 0.00
N.TROY___115KV_TB1 355778	26.10 0.91 0.00	22.78 0.96 0.00	21.55 0.90 0.00	17.86 0.74 0.00	17.78 0.69 0.00	19.92 0.79 0.00	26.60 1.00 0.00	27.72 0.95 -1.93	31.38 1.18 -0.06	31.36 1.00 -1.09	36.85 0.90 0.00	39.87 0.86 0.00	39.69 0.75 0.00	57.19 0.90 0.00	139.51 3.05 0.00	74.39 1.71 0.00	95.87 2.40 0.00	76.05 1.93 0.00	90.86 2.74 0.00	89.23 2.83 0.00	64.36 2.09 0.00	127.45 4.30 0.00	107.46 3.54 0.00	55.73 1.81 0.00
NARROWS_GT1_1 24228	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
NARROWS_GT1_2 24229	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
NARROWS_GT1_3 24230	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
NARROWS_GT1_4 24231	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
NARROWS_GT1_5 24232	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
NARROWS_GT1_6 24233	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
NARROWS_GT1_7 24234	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
NARROWS_GT1_8 24235	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
NARROWS_GT2_1 24236	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
NARROWS_GT2_2 24237	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
NARROWS_GT2_3 24238	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
NARROWS_GT2_4 24239	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00

NARROWS_GT2_5 24240	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
NARROWS_GT2_6 24241	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
NARROWS_GT2_7 24242	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
NARROWS_GT2_8 24243	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.21 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.44 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.88 2.59 0.00	142.80 6.34 0.00	76.22 3.54 0.00	98.05 4.59 0.00	77.41 3.28 0.00	91.49 3.38 0.00	89.46 3.07 0.00	64.26 1.99 0.00	127.66 4.51 0.00	107.35 3.42 0.00	55.75 1.83 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	26.86 1.67 0.00	23.35 1.53 0.00	22.07 1.43 0.00	18.28 1.16 0.00	18.21 1.13 0.00	20.47 1.34 0.00	27.43 1.83 0.00	27.88 1.76 -1.29	32.11 1.93 -0.04	31.55 1.55 -0.73	37.45 1.50 0.00	40.49 1.48 0.00	40.63 1.69 0.00	58.95 2.65 0.00	142.74 6.28 0.00	76.01 3.33 0.00	98.20 4.73 0.00	78.38 4.25 0.00	94.19 6.08 0.00	92.88 6.48 0.00	67.05 4.78 0.00	129.57 6.42 0.00	109.22 5.29 0.00	56.51 2.59 0.00
NCHELSEA_115KV_TR2 355582	26.55 1.35 0.00	23.18 1.35 0.00	21.86 1.21 0.00	18.08 0.96 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.91 1.31 0.00	26.19 1.35 0.00	31.79 1.65 0.00	30.90 1.62 0.00	37.86 1.91 0.00	41.17 2.17 0.00	41.09 2.16 0.00	59.00 2.70 0.00	143.56 7.10 0.00	76.77 4.09 0.00	98.97 5.50 0.00	78.50 4.37 0.00	93.06 4.95 0.00	90.93 4.53 0.00	65.29 3.02 0.00	129.42 6.27 0.00	109.13 5.20 0.00	56.53 2.62 0.00
NEG CAPITAL___MECHNVIL 23645	26.55 1.36 0.00	23.11 1.29 0.00	21.85 1.20 0.00	18.08 0.96 0.00	18.00 0.92 0.00	20.18 1.06 0.00	26.99 1.39 0.00	28.06 1.37 -1.86	31.93 1.74 -0.05	31.90 1.58 -1.05	37.64 1.69 0.00	40.77 1.76 0.00	40.67 1.73 0.00	58.73 2.44 0.00	143.42 6.97 0.00	76.53 3.85 0.00	98.76 5.29 0.00	78.36 4.23 0.00	93.51 5.39 0.00	91.66 5.27 0.00	66.05 3.78 0.00	130.72 7.57 0.00	110.05 6.12 0.00	56.96 3.05 0.00
NEG CENTRAL_HIGH_ACRES 23767	25.65 0.46 0.00	22.02 0.20 0.00	20.82 0.18 0.00	17.21 0.10 0.00	17.08 0.00 0.00	19.27 0.14 0.00	25.88 0.28 0.00	24.95 0.12 0.00	30.35 0.20 0.00	29.58 0.31 0.00	36.51 0.56 0.00	39.31 0.30 0.00	39.79 0.71 -0.14	59.06 1.31 -1.45	140.90 2.61 -1.84	75.92 1.32 -1.93	96.17 1.22 -1.48	76.75 1.13 -1.50	90.99 1.12 -1.76	89.30 1.19 -1.71	64.74 0.82 -1.64	126.95 2.23 -1.57	106.90 1.99 -0.98	55.77 1.13 -0.73
NEG CENTRAL___DRP 24199	25.76 0.57 0.00	22.27 0.45 0.00	21.03 0.38 0.00	17.40 0.28 0.00	17.32 0.24 0.00	19.50 0.37 0.00	26.13 0.53 0.00	25.26 0.43 0.00	30.67 0.53 0.00	29.87 0.60 0.00	36.81 0.86 0.00	39.71 0.70 0.00	40.38 1.08 -0.37	62.02 1.90 -3.82	145.47 4.17 -4.84	79.78 2.02 -5.08	99.82 2.44 -3.91	80.05 1.96 -3.97	95.09 2.35 -4.63	93.19 2.29 -4.51	68.29 1.69 -4.33	130.93 3.65 -4.13	109.56 3.04 -2.60	57.33 1.50 -1.92
NEG CENTRAL___INDECK 23768	27.31 2.12 0.00	23.38 1.56 0.00	22.07 1.42 0.00	18.18 1.06 0.00	17.95 0.87 0.00	20.06 0.94 0.00	26.73 1.13 0.00	25.58 0.75 0.00	30.84 0.70 0.00	29.96 0.68 0.00	36.73 0.78 0.00	38.76 -0.25 0.00	38.75 -0.19 0.00	55.72 -0.57 0.00	134.86 -1.60 0.00	71.65 -1.03 0.00	91.96 -1.51 0.00	73.45 -0.67 0.00	86.71 -1.41 0.00	85.83 -0.57 0.00	62.52 0.25 0.00	124.81 1.66 0.00	106.97 3.04 0.00	56.95 3.04 0.00
NEG CENTRAL___SENECA 23627	26.01 0.82 0.00	22.48 0.66 0.00	21.21 0.56 0.00	17.51 0.40 0.00	17.41 0.33 0.00	19.64 0.52 0.00	26.36 0.75 0.00	25.44 0.60 0.00	30.88 0.74 0.00	30.17 0.89 0.00	37.22 1.27 0.00	40.06 1.04 0.00	40.62 1.49 -0.19	60.78 2.55 -1.94	144.46 5.54 -2.46	78.04 2.78 -2.59	98.90 3.44 -1.99	78.89 2.75 -2.02	93.70 3.23 -2.36	91.82 3.13 -2.29	66.77 2.30 -2.20	130.13 4.88 -2.10	109.46 4.21 -1.32	57.00 2.11 -0.98
NEG CENTRAL___STATE_STREET 24147	25.77 0.57 0.00	22.29 0.46 0.00	21.07 0.42 0.00	17.49 0.37 0.00	17.46 0.37 0.00	19.62 0.50 0.00	26.27 0.67 0.00	25.44 0.60 0.00	30.87 0.73 0.00	29.93 0.66 0.00	36.78 0.83 0.00	39.97 0.95 0.00	40.48 1.02 -0.52	63.50 1.74 -5.46	147.63 4.26 -6.92	82.30 2.36 -7.26	101.82 2.77 -5.59	81.99 2.20 -5.67	97.42 2.68 -6.62	95.60 2.76 -6.44	70.56 2.10 -6.19	133.44 4.39 -5.90	110.85 3.22 -3.71	58.33 1.67 -2.74
NEG MILLWOOD___DRP 24198	26.61 1.42 0.00	23.24 1.42 0.00	21.91 1.26 0.00	18.12 1.00 0.00	18.01 0.93 0.00	20.18 1.05 0.00	26.98 1.38 0.00	29.30 1.43 -3.04	32.01 1.78 -0.09	32.74 1.75 -1.72	38.04 2.09 0.00	41.37 2.36 0.00	41.34 2.40 0.00	59.33 3.04 0.00	144.29 7.83 0.00	77.26 4.58 0.00	99.61 6.14 0.00	78.98 4.85 0.00	93.58 5.46 0.00	91.36 4.96 0.00	65.55 3.28 0.00	129.93 6.78 0.00	109.38 5.45 0.00	56.63 2.72 0.00
NEG NORTH_FLCN_SEA 23793	25.64 0.45 0.00	22.05 0.22 0.00	20.80 0.15 0.00	17.19 0.07 0.00	17.21 0.13 0.00	19.33 0.20 0.00	25.94 0.34 0.00	25.43 0.59 0.00	30.88 0.73 0.00	29.83 0.55 0.00	36.54 0.59 0.00	39.63 0.62 0.00	39.31 0.38 0.00	57.23 0.94 0.00	137.92 1.47 0.00	72.69 0.01 0.00	93.78 0.31 0.00	74.56 0.44 0.00	88.78 0.66 0.00	86.96 0.56 0.00	63.09 0.82 0.00	125.39 2.25 0.00	106.40 2.48 0.00	55.30 1.39 0.00
NEG NORTH_KES_CHATEGAY 23792	25.25 0.06 0.00	21.73 -0.09 0.00	20.53 -0.12 0.00	16.99 -0.13 0.00	17.04 -0.05 0.00	19.09 -0.04 0.00	25.63 0.04 0.00	25.08 0.24 0.00	30.43 0.29 0.00	29.46 0.18 0.00	36.19 0.25 0.00	39.34 0.33 0.00	39.16 0.22 0.00	56.91 0.62 0.00	137.55 1.09 0.00	72.84 0.16 0.00	93.80 0.33 0.00	74.53 0.40 0.00	88.66 0.54 0.00	86.99 0.59 0.00	62.94 0.66 0.00	124.50 1.35 0.00	105.12 1.19 0.00	54.50 0.59 0.00



NEG NORTH___ALICE_FALLS 23915	25.67 0.48 0.00	22.07 0.24 0.00	20.82 0.17 0.00	17.21 0.09 0.00	17.23 0.15 0.00	19.35 0.23 0.00	25.97 0.37 0.00	25.51 0.67 0.00	30.96 0.82 0.00	29.92 0.64 0.00	36.69 0.74 0.00	39.83 0.82 0.00	39.55 0.61 0.00	57.57 1.27 0.00	139.08 2.62 0.00	73.25 0.58 0.00	94.46 1.00 0.00	75.13 1.00 0.00	89.49 1.38 0.00	87.66 1.27 0.00	63.56 1.28 0.00	126.18 3.04 0.00	106.84 2.91 0.00	55.48 1.57 0.00
NEG NORTH___LWR_SARANAC 23913	25.67 0.48 0.00	22.07 0.24 0.00	20.82 0.17 0.00	17.21 0.09 0.00	17.23 0.15 0.00	19.35 0.23 0.00	25.97 0.37 0.00	25.51 0.67 0.00	30.96 0.82 0.00	29.92 0.64 0.00	36.69 0.74 0.00	39.83 0.82 0.00	39.55 0.61 0.00	57.57 1.27 0.00	139.08 2.62 0.00	73.25 0.58 0.00	94.46 1.00 0.00	75.13 1.00 0.00	89.49 1.38 0.00	87.66 1.27 0.00	63.56 1.28 0.00	126.18 3.04 0.00	106.84 2.91 0.00	55.48 1.57 0.00
NEG NORTH___PLATTSBURG 23628	25.67 0.48 0.00	22.07 0.24 0.00	20.81 0.17 0.00	17.21 0.09 0.00	17.23 0.15 0.00	19.35 0.23 0.00	25.97 0.37 0.00	25.51 0.67 0.00	30.96 0.82 0.00	29.92 0.64 0.00	36.69 0.74 0.00	39.83 0.82 0.00	39.55 0.61 0.00	57.57 1.27 0.00	139.08 2.62 0.00	73.25 0.58 0.00	94.46 1.00 0.00	75.12 1.00 0.00	89.49 1.38 0.00	87.66 1.27 0.00	63.56 1.28 0.00	126.18 3.03 0.00	106.84 2.91 0.00	55.48 1.57 0.00
NEG WEST_LEA_LOCKPORT 23791	26.57 1.37 0.00	22.64 0.81 0.00	21.43 0.78 0.00	17.64 0.52 0.00	17.43 0.35 0.00	19.76 0.63 0.00	26.49 0.89 0.00	25.16 0.33 0.00	30.41 0.27 0.00	29.57 0.30 0.00	36.50 0.55 0.00	38.78 -0.23 0.00	39.34 0.40 0.00	57.30 1.01 0.00	137.31 0.85 0.00	72.80 0.12 0.00	92.52 -0.94 0.00	73.65 -0.47 0.00	86.91 -1.20 0.00	85.49 -0.91 0.00	61.99 -0.29 0.00	124.35 1.20 0.00	106.26 2.33 0.00	55.76 1.85 0.00
NEG WEST___LANCASTR 23811	26.56 1.36 0.00	22.73 0.90 0.00	21.47 0.82 0.00	17.68 0.56 0.00	17.49 0.41 0.00	19.82 0.70 0.00	26.66 1.06 0.00	25.51 0.67 0.00	31.03 0.89 0.00	30.27 1.00 0.00	37.40 1.45 0.00	39.80 0.79 0.00	40.30 1.36 0.00	58.65 2.36 0.00	140.86 4.41 0.00	74.86 2.19 0.00	95.36 1.89 0.00	75.72 1.60 0.00	89.34 1.22 0.00	87.58 1.18 0.00	63.50 1.22 0.00	126.89 3.74 0.00	107.99 4.07 0.00	56.42 2.51 0.00
NEG_PENN_ALLEGHNY 23528	25.76 0.56 0.00	22.30 0.48 0.00	21.05 0.40 0.00	17.38 0.27 0.00	17.31 0.23 0.00	19.48 0.35 0.00	26.09 0.49 0.00	25.27 0.44 0.00	30.72 0.58 0.00	29.93 0.66 0.00	36.83 0.88 0.00	39.77 0.76 0.00	40.17 1.01 -0.22	60.04 1.43 -2.32	142.66 3.27 -2.93	77.56 1.81 -3.08	97.99 2.16 -2.37	78.12 1.59 -2.40	92.69 1.77 -2.81	90.64 1.51 -2.73	66.06 1.16 -2.62	128.32 2.68 -2.50	107.97 2.47 -1.57	56.36 1.28 -1.16
NEG___GEN_MONROE 24207	26.73 1.53 0.00	22.89 1.07 0.00	21.63 0.99 0.00	17.85 0.73 0.00	17.64 0.56 0.00	19.87 0.74 0.00	26.76 1.16 0.00	25.68 0.84 0.00	31.15 1.01 0.00	30.33 1.06 0.00	37.38 1.43 0.00	40.07 1.06 0.00	40.52 1.59 0.00	59.05 2.76 0.00	142.22 5.76 0.00	75.39 2.71 0.00	96.26 2.80 0.00	76.39 2.27 0.00	90.63 2.52 0.00	89.06 2.66 0.00	64.33 2.05 0.00	128.15 5.01 0.00	108.66 4.73 0.00	56.59 2.68 0.00
NEPA___ENERGY 23901	26.47 1.27 0.00	22.75 0.93 0.00	21.42 0.77 0.00	17.57 0.45 0.00	17.44 0.36 0.00	19.80 0.67 0.00	26.59 0.99 0.00	25.54 0.70 0.00	31.10 0.96 0.00	30.45 1.18 0.00	37.73 1.78 0.00	40.23 1.22 0.00	40.71 1.78 0.00	59.19 2.90 0.00	142.33 5.88 0.00	75.81 3.13 0.00	96.57 3.11 0.00	76.22 2.10 0.00	90.04 1.93 0.00	87.90 1.50 0.00	63.77 1.49 0.00	127.24 4.09 0.00	108.38 4.45 0.00	56.49 2.58 0.00
NEVERSINK___HYD 23608	25.95 0.76 0.00	22.60 0.78 0.00	21.29 0.64 0.00	17.60 0.49 0.00	17.51 0.43 0.00	19.60 0.47 0.00	26.21 0.61 0.00	24.28 0.67 1.23	30.94 0.83 0.04	29.41 0.84 0.70	36.94 0.99 0.00	40.21 1.20 0.00	39.96 1.02 0.00	55.97 -0.33 0.00	136.12 -0.34 0.00	73.30 0.62 0.00	94.86 1.39 0.00	75.17 1.05 0.00	89.16 1.05 0.00	87.27 0.87 0.00	62.85 0.58 0.00	127.45 4.31 0.00	107.26 3.33 0.00	55.51 1.59 0.00
NEWKRMKL_115KV_TB1 55635	25.68 0.48 0.00	22.41 0.58 0.00	21.19 0.54 0.00	17.55 0.44 0.00	17.48 0.40 0.00	19.60 0.48 0.00	26.21 0.61 0.00	27.28 0.55 -1.89	30.86 0.66 -0.06	30.84 0.50 -1.07	36.31 0.36 0.00	39.37 0.36 0.00	39.25 0.32 0.00	56.44 0.15 0.00	137.41 0.95 0.00	73.33 0.65 0.00	94.49 1.03 0.00	74.94 0.81 0.00	89.19 1.08 0.00	87.53 1.13 0.00	63.08 0.80 0.00	124.97 1.82 0.00	105.48 1.56 0.00	54.74 0.83 0.00
NEWTON___FALLS_HYD 23847	24.88 -0.32 0.00	21.32 -0.50 0.00	20.22 -0.43 0.00	16.82 -0.30 0.00	16.79 -0.29 0.00	18.66 -0.46 0.00	25.11 -0.50 0.00	24.50 -0.34 0.00	29.70 -0.44 0.00	28.86 -0.41 0.00	35.66 -0.29 0.00	38.87 -0.14 0.00	38.99 -0.17 -0.22	58.23 -0.34 -2.27	137.75 -1.59 -2.88	74.55 -1.15 -3.02	94.64 -1.15 -2.32	76.13 -0.35 -2.36	90.93 0.06 -2.75	89.39 0.32 -2.68	65.44 0.59 -2.57	126.85 1.25 -2.46	106.79 1.32 -1.54	55.68 0.63 -1.14
NGRID_A1_DSASP 323792	26.26 1.06 0.00	22.46 0.63 0.00	21.27 0.62 0.00	17.52 0.40 0.00	17.31 0.23 0.00	19.63 0.50 0.00	26.42 0.82 0.00	25.05 0.21 0.00	30.17 0.03 0.00	29.18 -0.09 0.00	35.96 0.01 0.00	38.16 -0.85 0.00	38.67 -0.27 0.00	56.25 -0.04 0.00	134.70 -1.75 0.00	71.53 -1.15 0.00	90.91 -2.56 0.00	72.42 -1.70 0.00	85.38 -2.73 0.00	83.98 -2.42 0.00	60.81 -1.47 0.00	122.08 -1.06 0.00	104.67 0.74 0.00	55.20 1.29 0.00
NGRID_A2_DSASP 323793	26.26 1.06 0.00	22.46 0.63 0.00	21.27 0.62 0.00	17.52 0.40 0.00	17.31 0.23 0.00	19.63 0.50 0.00	26.42 0.82 0.00	25.05 0.21 0.00	30.17 0.03 0.00	29.18 -0.09 0.00	35.96 0.01 0.00	38.16 -0.85 0.00	38.67 -0.27 0.00	56.25 -0.04 0.00	134.70 -1.75 0.00	71.53 -1.15 0.00	90.91 -2.56 0.00	72.42 -1.70 0.00	85.38 -2.73 0.00	83.98 -2.42 0.00	60.81 -1.47 0.00	122.08 -1.06 0.00	104.67 0.74 0.00	55.20 1.29 0.00
NGRID_A4_DSASP 323807	26.26 1.06 0.00	22.45 0.62 0.00	21.27 0.62 0.00	17.52 0.41 0.00	17.31 0.23 0.00	19.63 0.50 0.00	26.42 0.82 0.00	25.04 0.21 0.00	30.17 0.03 0.00	29.18 -0.10 0.00	35.96 0.01 0.00	38.16 -0.85 0.00	38.67 -0.27 0.00	56.33 0.04 0.00	134.87 -1.59 0.00	71.54 -1.14 0.00	90.93 -2.54 0.00	72.41 -1.71 0.00	85.39 -2.73 0.00	83.99 -2.41 0.00	60.82 -1.45 0.00	122.07 -1.08 0.00	104.67 0.74 0.00	55.21 1.29 0.00
NIAGARA_115E_LBMP 323715	26.15 0.96 0.00	22.28 0.46 0.00	21.11 0.46 0.00	17.37 0.25 0.00	17.15 0.07 0.00	19.46 0.33 0.00	26.17 0.57 0.00	24.87 0.04 0.00	30.10 -0.05 0.00	29.25 -0.03 0.00	36.08 0.13 0.00	38.31 -0.70 0.00	38.85 -0.09 0.00	56.45 0.16 0.00	135.26 -1.19 0.00	71.83 -0.85 0.00	91.34 -2.13 0.00	72.73 -1.39 0.00	85.81 -2.30 0.00	84.43 -1.97 0.00	61.15 -1.12 0.00	122.70 -0.44 0.00	105.12 1.19 0.00	55.26 1.34 0.00

NIAGARA_115W_LBMP 323714	26.20 1.01 0.00	22.42 0.59 0.00	21.23 0.59 0.00	17.49 0.38 0.00	17.28 0.20 0.00	19.59 0.47 0.00	26.38 0.77 0.00	25.00 0.16 0.00	30.10 -0.04 0.00	29.10 -0.17 0.00	35.86 -0.09 0.00	38.05 -0.96 0.00	38.57 -0.37 0.00	56.08 -0.22 0.00	134.29 -2.17 0.00	71.32 -1.36 0.00	90.64 -2.83 0.00	72.21 -1.91 0.00	85.12 -3.00 0.00	83.74 -2.65 0.00	60.62 -1.65 0.00	121.73 -1.41 0.00	104.39 0.46 0.00	55.07 1.16 0.00
NIAGARA_230_LBMP 323716	26.25 1.06 0.00	22.41 0.58 0.00	21.22 0.57 0.00	17.49 0.37 0.00	17.28 0.20 0.00	19.58 0.46 0.00	26.35 0.75 0.00	25.07 0.23 0.00	30.35 0.21 0.00	29.47 0.20 0.00	36.34 0.40 0.00	38.61 -0.40 0.00	39.10 0.16 0.00	56.89 0.60 0.00	136.41 -0.05 0.00	72.41 -0.27 0.00	92.08 -1.39 0.00	73.31 -0.81 0.00	86.49 -1.62 0.00	85.03 -1.36 0.00	61.54 -0.73 0.00	123.52 0.37 0.00	105.56 1.64 0.00	55.47 1.56 0.00
NIAGARA__115KV_198_GIBSON 55903	26.20 1.01 0.00	22.41 0.59 0.00	21.23 0.58 0.00	17.49 0.38 0.00	17.28 0.20 0.00	19.59 0.47 0.00	26.38 0.78 0.00	25.00 0.16 0.00	30.09 -0.05 0.00	29.09 -0.18 0.00	35.85 -0.09 0.00	38.05 -0.96 0.00	38.56 -0.38 0.00	56.16 -0.13 0.00	134.46 -2.00 0.00	71.33 -1.35 0.00	90.66 -2.81 0.00	72.20 -1.92 0.00	85.13 -2.99 0.00	83.74 -2.65 0.00	60.65 -1.63 0.00	121.71 -1.44 0.00	104.37 0.45 0.00	55.08 1.17 0.00
NIAGARA____ 23760	26.18 0.98 0.00	22.33 0.51 0.00	21.16 0.51 0.00	17.42 0.30 0.00	17.21 0.13 0.00	19.52 0.39 0.00	26.25 0.66 0.00	24.98 0.15 0.00	30.22 0.08 0.00	29.31 0.04 0.00	36.15 0.20 0.00	38.38 -0.63 0.00	38.90 -0.04 0.00	56.58 0.28 0.00	135.61 -0.85 0.00	71.97 -0.71 0.00	91.54 -1.92 0.00	72.88 -1.25 0.00	85.98 -2.14 0.00	84.54 -1.86 0.00	61.21 -1.06 0.00	122.83 -0.31 0.00	105.11 1.18 0.00	55.27 1.36 0.00
NINE_MILE_1 23575	24.55 -0.64 0.00	21.24 -0.58 0.00	20.10 -0.54 0.00	16.69 -0.43 0.00	16.63 -0.46 0.00	18.63 -0.49 0.00	24.91 -0.69 0.00	24.13 -0.70 0.00	29.29 -0.85 0.00	28.48 -0.80 0.00	35.00 -0.95 0.00	37.90 -1.11 0.00	34.71 -0.97 3.26	21.08 -1.31 33.90	90.14 -3.39 42.93	25.78 -1.84 45.06	56.36 -2.45 34.66	37.07 -1.90 35.16	44.78 -2.27 41.06	44.23 -2.22 39.95	22.28 -1.60 38.39	83.52 -3.00 36.63	78.41 -2.51 23.00	35.62 -1.30 16.99
NINE_MILE_2 23744	24.55 -0.64 0.00	21.24 -0.58 0.00	20.10 -0.54 0.00	16.69 -0.43 0.00	16.63 -0.46 0.00	18.63 -0.49 0.00	24.91 -0.69 0.00	24.13 -0.70 0.00	29.29 -0.85 0.00	28.48 -0.80 0.00	35.00 -0.95 0.00	37.90 -1.11 0.00	34.66 -0.97 3.31	20.57 -1.32 34.41	89.49 -3.39 43.58	25.10 -1.84 45.74	55.84 -2.45 35.18	36.54 -1.90 35.69	44.16 -2.27 41.68	43.62 -2.22 40.55	21.70 -1.60 38.97	82.96 -3.00 37.18	78.06 -2.51 23.35	35.36 -1.30 17.25
NM_CAPITAL____DRP 24208	25.74 0.54 0.00	22.46 0.64 0.00	21.25 0.60 0.00	17.61 0.49 0.00	17.53 0.45 0.00	19.65 0.53 0.00	26.27 0.67 0.00	27.36 0.60 -1.92	30.92 0.72 -0.06	30.91 0.56 -1.08	36.35 0.40 0.00	39.38 0.37 0.00	39.24 0.30 0.00	56.40 0.11 0.00	137.41 0.96 0.00	73.32 0.64 0.00	94.47 1.00 0.00	74.92 0.80 0.00	89.24 1.12 0.00	87.62 1.22 0.00	63.15 0.87 0.00	125.10 1.95 0.00	105.62 1.69 0.00	54.83 0.91 0.00
NM_CENTRAL____DRP 24181	25.11 -0.08 0.00	21.71 -0.12 0.00	20.54 -0.11 0.00	17.03 -0.09 0.00	16.96 -0.12 0.00	19.03 -0.10 0.00	25.46 -0.14 0.00	24.68 -0.16 0.00	29.99 -0.15 0.00	29.18 -0.09 0.00	35.92 -0.02 0.00	38.90 -0.11 0.00	39.35 0.10 -0.31	59.84 0.27 -3.28	140.98 0.38 -4.15	77.17 0.13 -4.36	96.87 0.05 -3.35	77.64 0.12 -3.40	92.19 0.11 -3.97	90.31 0.05 -3.86	66.02 0.03 -3.71	126.85 0.16 -3.54	106.27 0.11 -2.22	55.58 0.03 -1.64
NM_FRONTIER____DRP 24179	26.20 1.01 0.00	22.41 0.59 0.00	21.23 0.58 0.00	17.49 0.38 0.00	17.28 0.20 0.00	19.59 0.47 0.00	26.38 0.78 0.00	25.00 0.16 0.00	30.09 -0.05 0.00	29.09 -0.18 0.00	35.85 -0.09 0.00	38.05 -0.96 0.00	38.56 -0.38 0.00	56.16 -0.13 0.00	134.46 -2.00 0.00	71.33 -1.35 0.00	90.66 -2.81 0.00	72.20 -1.92 0.00	85.13 -2.99 0.00	83.74 -2.65 0.00	60.65 -1.63 0.00	121.71 -1.44 0.00	104.37 0.45 0.00	55.08 1.17 0.00
NM_ST_REGIS____HYD 24053	25.07 -0.12 0.00	21.53 -0.29 0.00	20.38 -0.26 0.00	16.91 -0.21 0.00	16.86 -0.22 0.00	18.73 -0.40 0.00	25.12 -0.48 0.00	24.54 -0.30 0.00	29.78 -0.37 0.00	28.85 -0.42 0.00	35.63 -0.32 0.00	38.91 -0.10 0.00	38.93 -0.11 -0.10	57.39 0.06 -1.03	137.14 -0.62 -1.30	73.28 -0.76 -1.37	93.72 -0.80 -1.05	74.76 -0.43 -1.07	88.91 -0.45 -1.25	87.35 -0.26 -1.21	63.49 0.05 -1.17	124.27 0.01 -1.11	105.02 0.40 -0.70	54.80 0.37 -0.51
NORTHPORT____1 23551	26.60 1.41 0.00	23.24 1.41 0.00	22.06 1.41 0.00	18.34 1.22 0.00	18.21 1.13 0.00	20.26 1.14 0.00	26.92 1.32 0.00	34.37 1.38 -8.15	32.11 1.73 -0.24	35.69 1.81 -4.61	38.32 2.24 -0.13	44.28 2.86 -2.41	50.64 2.73 -8.97	58.48 2.18 -0.01	141.50 5.05 0.00	75.95 3.27 0.00	100.75 4.23 -3.05	88.61 3.52 -10.97	103.01 3.44 -11.45	93.04 3.24 -3.40	64.70 2.38 -0.05	127.40 4.26 0.00	106.51 2.58 0.00	56.06 2.15 0.00
NORTHPORT____2 23552	26.60 1.41 0.00	23.24 1.41 0.00	22.06 1.41 0.00	18.34 1.22 0.00	18.21 1.13 0.00	20.26 1.14 0.00	26.92 1.32 0.00	34.37 1.38 -8.15	32.11 1.73 -0.24	35.69 1.81 -4.61	38.32 2.24 -0.13	44.28 2.86 -2.41	50.64 2.73 -8.97	58.48 2.18 -0.01	141.50 5.05 0.00	75.95 3.27 0.00	100.75 4.23 -3.05	88.61 3.52 -10.97	103.01 3.44 -11.45	93.04 3.24 -3.40	64.70 2.38 -0.05	127.40 4.26 0.00	106.51 2.58 0.00	56.06 2.15 0.00
NORTHPORT____3 23553	26.40 1.20 0.00	23.07 1.25 0.00	21.86 1.21 0.00	18.16 1.04 0.00	18.03 0.95 0.00	20.07 0.95 0.00	26.68 1.08 0.00	34.12 1.13 -8.15	31.83 1.45 -0.24	35.41 1.53 -4.61	38.07 1.99 -0.13	43.92 2.50 -2.41	50.26 2.36 -8.97	57.97 1.69 0.02	140.96 4.50 0.00	75.63 2.95 0.00	90.57 4.57 7.47	53.37 3.81 24.57	67.92 3.48 23.67	81.42 3.00 7.98	64.19 2.04 0.12	126.75 3.60 0.00	106.04 2.11 0.00	55.87 1.96 0.00
NORTHPORT____4 23650	26.40 1.20 0.00	23.07 1.25 0.00	21.86 1.21 0.00	18.16 1.04 0.00	18.03 0.95 0.00	20.07 0.95 0.00	26.68 1.08 0.00	34.12 1.13 -8.15	31.83 1.45 -0.24	35.41 1.53 -4.61	38.07 1.99 -0.13	43.92 2.50 -2.41	50.26 2.36 -8.97	57.97 1.69 0.02	140.96 4.50 0.00	75.63 2.95 0.00	90.57 4.57 7.47	53.37 3.81 24.57	67.92 3.48 23.67	81.42 3.00 7.98	64.19 2.04 0.12	126.75 3.60 0.00	106.04 2.11 0.00	55.87 1.96 0.00
NORTHPORT____IC 23718	26.60 1.41 0.00	23.24 1.41 0.00	22.06 1.41 0.00	18.34 1.22 0.00	18.21 1.13 0.00	20.26 1.14 0.00	26.92 1.32 0.00	34.37 1.38 -8.15	32.11 1.73 -0.24	35.69 1.81 -4.61	38.32 2.24 -0.13	44.28 2.86 -2.41	50.64 2.73 -8.97	58.48 2.18 -0.01	141.50 5.05 0.00	75.95 3.27 0.00	100.75 4.23 -3.05	88.61 3.52 -10.97	103.01 3.44 -11.45	93.04 3.24 -3.40	64.70 2.38 -0.05	127.40 4.26 0.00	106.51 2.58 0.00	56.06 2.15 0.00

NORTH__COUNTRY_ESR 323785	25.21 0.02 0.00	21.68 -0.14 0.00	20.48 -0.17 0.00	16.96 -0.16 0.00	17.00 -0.08 0.00	19.06 -0.07 0.00	25.58 -0.02 0.00	25.01 0.18 0.00	30.38 0.23 0.00	29.41 0.14 0.00	36.14 0.19 0.00	39.30 0.29 0.00	39.10 0.16 0.00	56.81 0.52 0.00	137.30 0.84 0.00	72.69 0.01 0.00	93.61 0.14 0.00	74.35 0.23 0.00	88.47 0.35 0.00	86.79 0.39 0.00	62.77 0.50 0.00	124.21 1.06 0.00	104.83 0.90 0.00	54.36 0.44 0.00
NPX_GEN_1385_PROXY 323591	26.17 0.98 0.00	23.08 1.26 0.00	22.27 1.63 0.00	18.55 1.43 0.00	18.43 1.35 0.00	20.44 1.31 0.00	26.68 1.38 0.30	34.36 1.37 -8.15	31.82 1.44 -0.24	35.49 1.61 -4.61	37.38 1.30 -0.13	43.60 2.18 -2.41	48.50 2.31 -7.25	57.93 1.63 -0.01	140.62 4.16 0.00	75.14 2.46 0.00	99.14 2.63 -3.05	87.62 2.53 -10.97	102.35 2.78 -11.45	93.41 3.62 -3.40	65.88 3.56 -0.05	142.05 8.04 -10.86	121.82 5.74 -12.14	50.50 2.93 6.34
NPX_GEN_CSC 323557	26.66 1.47 0.00	23.24 1.41 0.00	22.06 1.42 0.00	18.46 1.34 0.00	18.33 1.24 0.00	20.31 1.19 0.00	26.66 1.36 0.30	34.46 1.46 -8.15	32.25 1.87 -0.24	35.76 1.88 -4.61	38.44 2.36 -0.13	44.48 3.05 -2.41	49.28 3.09 -7.25	59.30 2.89 -0.11	143.73 7.28 0.00	77.19 4.51 0.00	140.11 6.21 -40.44	216.42 4.86 -137.44	188.21 4.85 -95.25	105.46 4.65 -14.41	66.35 3.44 -0.64	128.74 5.60 0.00	106.87 2.94 0.00	50.39 2.82 6.34
NSINS_S_GLNS_FALLS 23858	26.62 1.43 0.00	23.15 1.32 0.00	21.83 1.18 0.00	18.02 0.91 0.00	17.96 0.88 0.00	20.14 1.02 0.00	26.98 1.38 0.00	28.08 1.42 -1.82	32.06 1.86 -0.05	31.93 1.63 -1.03	37.65 1.70 0.00	40.72 1.71 0.00	40.61 1.67 0.00	58.78 2.49 0.00	144.16 7.71 0.00	77.02 4.35 0.00	99.35 5.88 0.00	78.79 4.67 0.00	94.46 6.34 0.00	92.41 6.01 0.00	66.57 4.30 0.00	132.01 8.86 0.00	111.05 7.12 0.00	57.36 3.45 0.00
NUCOR_STEEL__DRP 24197	25.56 0.37 0.00	22.10 0.28 0.00	20.91 0.27 0.00	17.38 0.27 0.00	17.32 0.24 0.00	19.48 0.35 0.00	26.04 0.45 0.00	25.24 0.40 0.00	30.63 0.49 0.00	29.69 0.42 0.00	36.52 0.57 0.00	39.68 0.67 0.00	40.32 0.81 -0.57	63.72 1.52 -5.91	147.64 3.70 -7.49	82.24 1.71 -7.86	101.51 1.99 -6.05	81.75 1.49 -6.13	97.09 1.81 -7.16	95.25 1.88 -6.97	70.45 1.48 -6.70	132.81 3.28 -6.39	110.21 2.26 -4.01	58.12 1.24 -2.96
NUMBER_THREE_WT_PWR 323818	24.94 -0.25 0.00	21.31 -0.52 0.00	20.23 -0.42 0.00	16.90 -0.22 0.00	16.89 -0.19 0.00	18.84 -0.29 0.00	25.40 -0.20 0.00	24.83 -0.01 0.00	30.13 -0.01 0.00	29.36 0.08 0.00	36.28 0.33 0.00	39.42 0.41 0.00	39.64 0.42 -0.28	59.48 0.29 -2.89	140.08 -0.04 -3.66	76.11 -0.41 -3.84	96.45 0.03 -2.96	77.91 0.79 -3.00	93.39 1.77 -3.50	91.81 2.01 -3.41	67.40 1.85 -3.28	130.18 3.90 -3.12	109.22 3.33 -1.96	56.82 1.45 -1.45
NYISO_LBMP_REFERENCE 24008	25.19 0.00 0.00	21.82 0.00 0.00	20.65 0.00 0.00	17.12 0.00 0.00	17.08 0.00 0.00	19.13 0.00 0.00	25.60 0.00 0.00	24.84 0.00 0.00	30.14 0.00 0.00	29.27 0.00 0.00	35.95 0.00 0.00	39.01 0.00 0.00	38.94 0.00 0.00	56.29 0.00 0.00	136.46 0.00 0.00	72.68 0.00 0.00	93.46 0.00 0.00	74.12 0.00 0.00	88.11 0.00 0.00	86.40 0.00 0.00	62.27 0.00 0.00	123.15 0.00 0.00	103.93 0.00 0.00	53.91 0.00 0.00
NYPA_BRENTWD__GT 24164	26.97 1.77 0.00	23.53 1.70 0.00	22.32 1.67 0.00	18.55 1.43 0.00	18.42 1.33 0.00	20.49 1.36 0.00	27.25 1.65 0.00	34.71 1.72 -8.15	32.55 2.17 -0.24	36.15 2.27 -4.61	38.98 2.90 -0.13	44.98 3.56 -2.41	51.43 3.52 -8.97	59.39 3.08 -0.02	143.68 7.22 0.00	77.05 4.37 0.00	106.49 5.89 -7.14	103.99 4.80 -25.06	109.99 4.92 -16.95	92.98 4.59 -1.99	65.65 3.27 -0.11	128.96 5.82 0.00	107.69 3.76 0.00	56.82 2.91 0.00
NYPA_GOWANUS__GT5 24156	26.59 1.40 0.00	23.20 1.38 0.00	21.84 1.20 0.00	18.07 0.95 0.00	17.96 0.88 0.00	20.12 0.99 0.00	26.95 1.34 0.00	34.50 1.42 -8.24	32.18 1.80 -0.24	35.67 1.74 -4.66	37.86 2.01 0.09	41.23 2.22 0.00	41.18 2.24 0.00	58.86 2.57 0.00	142.77 6.31 0.00	76.20 3.52 0.00	98.04 4.58 0.00	77.39 3.27 0.00	91.48 3.37 0.00	89.43 3.03 0.00	64.26 1.98 0.00	127.64 4.49 0.00	107.32 3.39 0.00	55.73 1.81 0.00
NYPA_GOWANUS__GT6 24157	26.59 1.40 0.00	23.20 1.38 0.00	21.84 1.20 0.00	18.07 0.95 0.00	17.96 0.88 0.00	20.12 0.99 0.00	26.95 1.34 0.00	34.50 1.42 -8.24	32.18 1.80 -0.24	35.67 1.74 -4.66	37.86 2.01 0.09	41.23 2.22 0.00	41.18 2.24 0.00	58.86 2.57 0.00	142.77 6.31 0.00	76.20 3.52 0.00	98.04 4.58 0.00	77.39 3.27 0.00	91.48 3.37 0.00	89.43 3.03 0.00	64.26 1.98 0.00	127.64 4.49 0.00	107.32 3.39 0.00	55.73 1.81 0.00
NYPA_HARLEM_RVR_GT1 24160	26.59 1.40 0.00	23.22 1.40 0.00	21.87 1.22 0.00	18.10 0.99 0.00	17.98 0.90 0.00	20.15 1.02 0.00	26.97 1.37 0.00	34.50 1.42 -8.24	32.12 1.74 -0.24	35.58 1.65 -4.66	37.75 1.80 0.00	41.02 2.01 0.00	41.03 2.09 0.00	58.59 2.29 0.00	142.05 5.59 0.00	75.87 3.19 0.00	97.74 4.27 0.00	77.34 3.22 0.00	91.41 3.30 0.00	89.41 3.01 0.00	64.16 1.89 0.00	127.36 4.21 0.00	107.19 3.26 -0.01	55.64 1.72 0.00
NYPA_HARLEM_RVR_GT2 24161	26.59 1.40 0.00	23.22 1.40 0.00	21.87 1.22 0.00	18.10 0.99 0.00	17.98 0.90 0.00	20.15 1.02 0.00	26.97 1.37 0.00	34.50 1.42 -8.24	32.12 1.74 -0.24	35.58 1.65 -4.66	37.75 1.80 0.00	41.02 2.01 0.00	41.03 2.09 0.00	58.59 2.29 0.00	142.05 5.59 0.00	75.87 3.19 0.00	97.74 4.27 0.00	77.34 3.22 0.00	91.41 3.30 0.00	89.41 3.01 0.00	64.16 1.89 0.00	127.36 4.21 0.00	107.19 3.26 -0.01	55.64 1.72 0.00
NYPA_KENT__GT 24152	26.58 1.38 0.00	23.20 1.38 0.00	21.85 1.21 0.00	18.08 0.97 0.00	17.97 0.89 0.00	20.12 1.00 0.00	26.95 1.35 0.00	34.51 1.43 -8.24	32.18 1.80 -0.24	35.67 1.74 -4.66	37.89 1.95 0.00	41.15 2.14 0.00	41.10 2.16 0.00	58.73 2.44 0.00	142.46 6.00 0.00	76.06 3.38 0.00	97.89 4.42 0.00	77.37 3.25 0.00	91.45 3.34 0.00	89.39 3.00 0.00	64.16 1.89 0.00	127.42 4.27 0.00	107.14 3.21 0.00	55.63 1.71 0.00
NYPA_POUCH1__GT 24155	26.52 1.33 0.00	23.14 1.32 0.00	21.79 1.14 0.00	18.02 0.90 0.00	17.91 0.82 0.00	20.06 0.94 0.00	26.86 1.26 0.00	33.38 1.35 -7.19	16.30 1.71 15.55	24.51 1.66 6.43	35.59 1.90 2.25	32.84 2.06 8.23	32.94 2.09 8.09	35.22 2.35 23.42	104.86 5.79 37.39	42.04 3.27 33.90	69.72 4.24 27.98	55.11 3.02 22.03	65.23 3.08 25.96	77.91 2.74 11.23	44.78 1.77 19.26	125.30 4.08 1.93	91.12 3.01 15.82	47.68 1.62 7.86
NYPA_VERNON__GT2 24162	26.55 1.36 0.00	23.19 1.37 0.00	21.84 1.19 0.00	18.08 0.96 0.00	17.96 0.88 0.00	20.12 0.99 0.00	26.94 1.34 0.00	34.50 1.42 -8.24	32.16 1.78 -0.24	35.64 1.71 -4.66	37.86 1.91 0.00	41.12 2.11 0.00	41.06 2.12 0.00	58.64 2.35 0.00	142.23 5.78 0.00	75.97 3.29 0.00	97.84 4.37 0.00	77.41 3.29 0.00	91.51 3.40 0.00	89.41 3.01 0.00	64.14 1.86 0.00	127.33 4.19 0.00	107.05 3.12 0.00	55.57 1.66 0.00

NYPY_VERNON____GT3 24163	26.55 1.36 0.00	23.19 1.37 0.00	21.84 1.19 0.00	18.08 0.96 0.00	17.96 0.88 0.00	20.12 0.99 0.00	26.94 1.34 0.00	34.50 1.42 -8.24	32.16 1.78 -0.24	35.64 1.71 -4.66	37.86 1.91 0.00	41.12 2.11 0.00	41.06 2.12 0.00	58.64 2.35 0.00	142.23 5.78 0.00	75.97 3.29 0.00	97.84 4.37 0.00	77.41 3.29 0.00	91.51 3.40 0.00	89.41 3.01 0.00	64.14 1.86 0.00	127.33 4.19 0.00	107.05 3.12 0.00	55.57 1.66 0.00
NYPY____ASTORIA_CC1 323568	26.51 1.32 0.00	23.16 1.34 0.00	21.81 1.17 0.00	18.05 0.94 0.00	17.95 0.86 0.00	20.08 0.96 0.00	26.89 1.29 0.00	34.45 1.37 -8.24	32.10 1.72 -0.24	35.58 1.65 -4.66	37.80 1.85 0.00	41.06 2.05 0.00	40.99 2.06 0.00	58.53 2.23 0.00	141.96 5.50 0.00	75.82 3.15 0.00	97.66 4.20 0.00	77.28 3.15 0.00	91.33 3.22 0.00	89.27 2.87 0.00	64.03 1.76 0.00	127.16 4.01 0.00	106.91 2.98 0.00	55.50 1.59 0.00
NYPY____ASTORIA_CC2 323569	26.51 1.32 0.00	23.16 1.34 0.00	21.81 1.17 0.00	18.05 0.94 0.00	17.95 0.86 0.00	20.08 0.96 0.00	26.89 1.29 0.00	34.45 1.37 -8.24	32.10 1.72 -0.24	35.58 1.65 -4.66	37.80 1.85 0.00	41.06 2.05 0.00	40.99 2.06 0.00	58.53 2.23 0.00	141.96 5.50 0.00	75.82 3.15 0.00	97.66 4.20 0.00	77.28 3.15 0.00	91.33 3.22 0.00	89.27 2.87 0.00	64.03 1.76 0.00	127.16 4.01 0.00	106.91 2.98 0.00	55.50 1.59 0.00
NYPY____HOLTSVILL 23794	26.76 1.56 0.00	23.33 1.51 0.00	22.14 1.50 0.00	18.44 1.32 0.00	18.31 1.23 0.00	20.35 1.23 0.00	27.05 1.45 0.00	34.52 1.53 -8.15	32.32 1.94 -0.24	35.89 2.01 -4.61	38.61 2.54 -0.13	44.60 3.18 -2.41	51.04 3.13 -8.97	59.24 2.84 -0.11	143.42 6.96 0.00	76.98 4.30 0.00	137.83 5.81 -38.55	211.91 4.68 -133.11	195.81 4.74 -102.95	113.26 4.45 -22.41	66.10 3.21 -0.61	128.68 5.53 0.00	107.27 3.34 0.00	56.66 2.75 0.00
NYPY____HELLGATE_GT1 24158	26.59 1.40 0.00	23.22 1.40 0.00	21.87 1.22 0.00	18.10 0.99 0.00	17.98 0.90 0.00	20.15 1.02 0.00	26.97 1.37 0.00	34.50 1.42 -8.24	32.12 1.74 -0.24	35.58 1.65 -4.66	37.75 1.80 0.00	41.02 2.01 0.00	41.03 2.09 0.00	58.59 2.29 0.00	142.05 5.59 0.00	75.87 3.19 0.00	97.74 4.27 0.00	77.34 3.22 0.00	91.41 3.30 0.00	89.41 3.01 0.00	64.16 1.89 0.00	127.38 4.23 0.00	107.19 3.26 -0.01	55.64 1.72 0.00
NYPY____HELLGATE_GT2 24159	26.59 1.40 0.00	23.22 1.40 0.00	21.87 1.22 0.00	18.10 0.99 0.00	17.98 0.90 0.00	20.15 1.02 0.00	26.97 1.37 0.00	34.50 1.42 -8.24	32.12 1.74 -0.24	35.58 1.65 -4.66	37.75 1.80 0.00	41.02 2.01 0.00	41.03 2.09 0.00	58.59 2.29 0.00	142.05 5.59 0.00	75.87 3.19 0.00	97.74 4.27 0.00	77.34 3.22 0.00	91.41 3.30 0.00	89.41 3.01 0.00	64.16 1.89 0.00	127.38 4.23 0.00	107.19 3.26 -0.01	55.64 1.72 0.00
NYS_BARGE____HYD 23848	26.57 1.38 0.00	22.65 0.83 0.00	21.43 0.79 0.00	17.64 0.52 0.00	17.43 0.35 0.00	19.76 0.63 0.00	26.53 0.92 0.00	25.22 0.38 0.00	30.50 0.36 0.00	29.67 0.39 0.00	36.61 0.66 0.00	38.90 -0.11 0.00	39.49 0.55 0.00	57.43 1.14 0.00	137.70 1.24 0.00	73.06 0.38 0.00	92.90 -0.57 0.00	73.98 -0.14 0.00	87.31 -0.80 0.00	85.90 -0.49 0.00	62.23 -0.05 0.00	124.80 1.65 0.00	106.66 2.73 0.00	55.96 2.04 0.00
OAK ORCHARD____HYD 24046	26.33 1.13 0.00	22.55 0.73 0.00	21.32 0.67 0.00	17.60 0.48 0.00	17.44 0.36 0.00	19.68 0.56 0.00	26.45 0.85 0.00	25.41 0.58 0.00	30.88 0.74 0.00	30.08 0.81 0.00	37.13 1.18 0.00	39.86 0.85 0.00	40.25 1.31 0.00	58.49 2.19 0.00	140.88 4.42 0.00	74.97 2.30 0.00	95.78 2.32 0.00	76.09 1.97 0.00	90.16 2.05 0.00	88.53 2.14 0.00	63.86 1.59 0.00	127.27 4.13 0.00	107.82 3.89 0.00	56.20 2.29 0.00
OAKDALE____35_KV_LOAD 356122	25.66 0.47 0.00	22.23 0.40 0.00	20.98 0.33 0.00	17.33 0.21 0.00	17.26 0.18 0.00	19.42 0.29 0.00	26.00 0.40 0.00	25.19 0.35 0.00	30.60 0.46 0.00	29.81 0.54 0.00	36.69 0.74 0.00	39.60 0.59 0.00	39.97 0.81 -0.22	59.69 1.15 -2.25	141.79 2.49 -2.85	77.08 1.42 -2.99	97.40 1.63 -2.30	77.61 1.16 -2.33	92.09 1.25 -2.73	90.07 1.02 -2.65	65.65 0.83 -2.55	127.61 2.03 -2.43	107.43 1.97 -1.53	56.09 1.05 -1.13
OCC_CHEM____DRP 24175	26.26 1.06 0.00	22.45 0.62 0.00	21.27 0.62 0.00	17.52 0.41 0.00	17.31 0.23 0.00	19.63 0.50 0.00	26.42 0.82 0.00	25.04 0.21 0.00	30.17 0.03 0.00	29.18 -0.10 0.00	35.96 0.01 0.00	38.16 -0.85 0.00	38.67 -0.27 0.00	56.33 0.04 0.00	134.87 -1.59 0.00	71.54 -1.14 0.00	90.93 -2.54 0.00	72.41 -1.71 0.00	85.39 -2.73 0.00	83.99 -2.41 0.00	60.82 -1.45 0.00	122.07 -1.08 0.00	104.67 0.74 0.00	55.21 1.29 0.00
OH_GEN_PROXY 24063	26.22 1.03 0.00	22.40 0.58 0.00	21.21 0.56 0.00	17.47 0.35 0.00	-48.14 0.19 65.41	4.54 0.45 15.04	26.03 0.73 0.30	5.58 0.25 19.51	30.40 0.25 0.00	29.52 0.24 0.00	36.40 0.46 0.00	38.69 -0.32 0.00	37.45 0.23 1.72	57.00 0.70 0.00	136.68 0.23 0.00	72.55 -0.13 0.00	92.29 -1.17 0.00	73.46 -0.67 0.00	86.68 -1.44 0.00	85.20 -1.20 0.00	61.64 -0.64 0.00	123.71 0.56 0.00	105.62 1.69 0.00	49.11 1.53 6.34
OLIN_CORP_DRP 24177	26.19 0.99 0.00	22.30 0.48 0.00	21.13 0.48 0.00	17.40 0.29 0.00	17.18 0.10 0.00	19.49 0.37 0.00	26.22 0.62 0.00	24.92 0.08 0.00	30.16 0.02 0.00	29.31 0.04 0.00	36.17 0.22 0.00	38.40 -0.61 0.00	38.94 0.00 0.00	56.68 0.39 0.00	135.80 -0.66 0.00	72.04 -0.64 0.00	91.60 -1.87 0.00	72.93 -1.20 0.00	86.04 -2.08 0.00	84.63 -1.77 0.00	61.32 -0.96 0.00	123.00 -0.15 0.00	105.32 1.39 0.00	55.36 1.44 0.00
OLIN_CORP_DSASP 323712	26.26 1.06 0.00	22.46 0.63 0.00	21.27 0.62 0.00	17.52 0.40 0.00	17.31 0.23 0.00	19.63 0.50 0.00	26.42 0.82 0.00	25.05 0.21 0.00	30.17 0.03 0.00	29.18 -0.09 0.00	35.96 0.01 0.00	38.16 -0.85 0.00	38.67 -0.27 0.00	56.25 -0.04 0.00	134.70 -1.75 0.00	71.53 -1.15 0.00	90.91 -2.56 0.00	72.42 -1.70 0.00	85.38 -2.73 0.00	83.98 -2.42 0.00	60.81 -1.47 0.00	122.08 -1.06 0.00	104.67 0.74 0.00	55.20 1.29 0.00
ONEIDA_HERK_LFGE 323681	25.53 0.33 0.00	22.03 0.20 0.00	20.85 0.20 0.00	17.32 0.20 0.00	17.26 0.18 0.00	19.33 0.21 0.00	25.94 0.34 0.00	25.23 0.40 0.00	30.65 0.51 0.00	29.82 0.54 0.00	36.76 0.81 0.00	39.88 0.87 0.00	40.06 1.02 -0.11	58.94 1.49 -1.15	141.33 3.41 -1.46	75.75 1.54 -1.53	96.90 2.26 -1.17	77.35 2.03 -1.19	92.20 2.70 -1.39	90.51 2.75 -1.35	65.68 2.11 -1.30	128.66 4.27 -1.24	108.12 3.41 -0.78	56.03 1.54 -0.57
ONEIDA____115KV_TB4 55905	25.78 0.58 0.00	22.28 0.46 0.00	21.06 0.42 0.00	17.47 0.35 0.00	17.39 0.31 0.00	19.52 0.39 0.00	26.17 0.56 0.00	25.38 0.54 0.00	30.82 0.68 0.00	30.01 0.73 0.00	37.00 1.05 0.00	40.12 1.11 0.00	40.45 1.35 -0.17	60.08 2.03 -1.76	143.57 4.88 -2.22	77.46 2.45 -2.33	98.54 3.28 -1.80	78.65 2.70 -1.82	93.63 3.39 -2.13	91.87 3.40 -2.07	66.84 2.58 -1.99	130.14 5.09 -1.90	109.10 3.98 -1.19	56.62 1.83 -0.88

ONONDAGA_REF_OCCRA 23987	25.27 0.08 0.00	21.85 0.03 0.00	20.66 0.02 0.00	17.13 0.01 0.00	17.06 -0.02 0.00	19.15 0.03 0.00	25.63 0.03 0.00	24.85 0.01 0.00	30.18 0.04 0.00	29.38 0.10 0.00	36.14 0.19 0.00	39.14 0.13 0.00	39.70 0.38 -0.38	60.95 0.68 -3.98	142.84 1.34 -5.04	78.58 0.61 -5.29	98.21 0.68 -4.07	78.88 0.62 -4.13	93.68 0.74 -4.82	91.79 0.70 -4.69	67.28 0.49 -4.51	128.52 1.07 -4.30	107.56 0.93 -2.70	56.33 0.42 -2.00
ONONDAGA___COGEN 23986	25.22 0.03 0.00	21.81 -0.01 0.00	20.63 -0.01 0.00	17.12 0.00 0.00	17.05 -0.03 0.00	19.14 0.02 0.00	25.60 0.00 0.00	24.81 -0.02 0.00	30.13 -0.01 0.00	29.27 0.00 0.00	36.00 0.05 0.00	38.98 -0.03 0.00	39.82 0.29 -0.59	63.14 0.73 -6.12	145.26 1.05 -7.75	81.04 0.23 -8.13	99.78 0.05 -6.25	80.55 0.08 -6.35	95.65 0.12 -7.41	93.70 0.09 -7.21	69.30 0.09 -6.93	130.14 0.39 -6.61	108.53 0.45 -4.15	57.27 0.29 -3.07
ONTARIO___LFGE 23819	26.01 0.81 0.00	22.50 0.67 0.00	21.22 0.57 0.00	17.51 0.40 0.00	17.41 0.33 0.00	19.64 0.52 0.00	26.35 0.75 0.00	25.44 0.61 0.00	30.89 0.75 0.00	30.17 0.89 0.00	37.22 1.27 0.00	40.05 1.04 0.00	40.62 1.49 -0.19	60.75 2.51 -1.94	144.41 5.49 -2.46	78.02 2.76 -2.59	98.89 3.43 -1.99	78.89 2.75 -2.02	93.69 3.22 -2.36	91.82 3.13 -2.29	66.75 2.28 -2.20	130.13 4.88 -2.10	109.45 4.21 -1.32	57.00 2.11 -0.98
ORANGEVILLE_WT_PWR 323706	26.51 1.32 0.00	22.71 0.89 0.00	21.44 0.79 0.00	17.65 0.53 0.00	17.48 0.40 0.00	19.79 0.66 0.00	26.56 0.96 0.00	25.44 0.60 0.00	30.92 0.78 0.00	30.16 0.88 0.00	37.23 1.28 0.00	39.69 0.68 0.00	40.18 1.24 0.00	58.35 2.06 0.00	140.45 3.99 0.00	74.65 1.97 0.00	95.23 1.77 0.00	75.60 1.48 0.00	89.29 1.18 0.00	87.58 1.18 0.00	63.40 1.13 0.00	126.67 3.52 0.00	107.86 3.93 0.00	56.37 2.45 0.00
ORANGEVILLE___ESR 323794	26.51 1.32 0.00	22.71 0.89 0.00	21.44 0.79 0.00	17.65 0.53 0.00	17.48 0.40 0.00	19.79 0.66 0.00	26.56 0.96 0.00	25.44 0.60 0.00	30.92 0.78 0.00	30.16 0.88 0.00	37.23 1.28 0.00	39.69 0.68 0.00	40.18 1.24 0.00	58.35 2.06 0.00	140.45 3.99 0.00	74.65 1.97 0.00	95.23 1.77 0.00	75.60 1.48 0.00	89.29 1.18 0.00	87.58 1.18 0.00	63.40 1.13 0.00	126.67 3.52 0.00	107.86 3.93 0.00	56.37 2.45 0.00
OSWEGATCHIE___HYD 24044	24.88 -0.31 0.00	21.32 -0.51 0.00	20.21 -0.44 0.00	16.82 -0.30 0.00	16.78 -0.30 0.00	18.66 -0.46 0.00	25.11 -0.50 0.00	24.50 -0.34 0.00	29.70 -0.44 0.00	28.86 -0.41 0.00	35.66 -0.29 0.00	38.87 -0.14 0.00	38.99 -0.17 -0.22	58.23 -0.34 -2.27	137.75 -1.58 -2.88	74.55 -1.15 -3.02	94.65 -1.14 -2.32	76.13 -0.35 -2.36	90.93 0.06 -2.75	89.40 0.32 -2.68	65.44 0.59 -2.57	126.85 1.25 -2.46	106.78 1.31 -1.54	55.68 0.63 -1.14
OSWEGO___5 23606	24.77 -0.42 0.00	21.43 -0.39 0.00	20.28 -0.37 0.00	16.82 -0.30 0.00	16.76 -0.32 0.00	18.79 -0.34 0.00	25.13 -0.47 0.00	24.34 -0.49 0.00	29.55 -0.60 0.00	28.72 -0.55 0.00	35.31 -0.64 0.00	38.24 -0.77 0.00	40.74 -0.62 -2.43	80.76 -0.81 -25.29	166.29 -2.19 -32.02	105.08 -1.20 -33.61	117.66 -1.65 -25.85	99.08 -1.27 -26.22	117.25 -1.49 -30.63	114.70 -1.49 -29.80	89.85 -1.06 -28.64	148.55 -1.91 -27.32	119.50 -1.59 -17.16	65.76 -0.83 -12.67
OSWEGO___6 23613	24.77 -0.42 0.00	21.43 -0.39 0.00	20.28 -0.37 0.00	16.82 -0.30 0.00	16.76 -0.32 0.00	18.79 -0.34 0.00	25.13 -0.47 0.00	24.34 -0.49 0.00	29.55 -0.60 0.00	28.72 -0.55 0.00	35.31 -0.64 0.00	38.24 -0.77 0.00	40.74 -0.62 -2.43	80.76 -0.81 -25.29	166.29 -2.19 -32.02	105.08 -1.20 -33.61	117.66 -1.65 -25.85	99.08 -1.27 -26.22	117.25 -1.49 -30.63	114.70 -1.49 -29.80	89.85 -1.06 -28.64	148.55 -1.91 -27.32	119.50 -1.59 -17.16	65.76 -0.83 -12.67
OUTOKUMPU-AB___DRP 24206	26.77 1.58 0.00	22.85 1.02 0.00	21.61 0.97 0.00	17.80 0.69 0.00	17.59 0.51 0.00	19.95 0.82 0.00	26.83 1.23 0.00	25.53 0.69 0.00	30.88 0.73 0.00	29.96 0.69 0.00	36.93 0.99 0.00	39.21 0.20 0.00	39.79 0.85 0.00	58.04 1.75 0.00	139.23 2.78 0.00	73.81 1.14 0.00	93.96 0.49 0.00	74.80 0.68 0.00	88.19 0.07 0.00	86.66 0.26 0.00	62.74 0.47 0.00	125.58 2.43 0.00	107.29 3.36 0.00	56.31 2.40 0.00
OXBOW____ 24026	26.60 1.41 0.00	22.72 0.90 0.00	21.51 0.86 0.00	17.71 0.60 0.00	17.50 0.42 0.00	19.85 0.72 0.00	26.71 1.11 0.00	25.35 0.52 0.00	30.55 0.41 0.00	29.51 0.23 0.00	36.34 0.39 0.00	38.59 -0.42 0.00	39.16 0.22 0.00	56.99 0.69 0.00	136.68 0.22 0.00	72.49 -0.19 0.00	92.24 -1.23 0.00	73.47 -0.65 0.00	86.60 -1.52 0.00	85.15 -1.25 0.00	61.66 -0.62 0.00	123.57 0.42 0.00	105.75 1.82 0.00	55.63 1.72 0.00
OXY_CHEM_DSASP 323612	26.26 1.06 0.00	22.45 0.62 0.00	21.27 0.62 0.00	17.52 0.41 0.00	17.31 0.23 0.00	19.63 0.50 0.00	26.42 0.82 0.00	25.04 0.21 0.00	30.17 0.03 0.00	29.18 -0.10 0.00	35.96 0.01 0.00	38.16 -0.85 0.00	38.67 -0.27 0.00	56.33 0.04 0.00	134.87 -1.59 0.00	71.54 -1.14 0.00	90.93 -2.54 0.00	72.41 -1.71 0.00	85.39 -2.73 0.00	83.99 -2.41 0.00	60.82 -1.45 0.00	122.07 -1.08 0.00	104.67 0.74 0.00	55.21 1.29 0.00
OZONE_PARK_ESR 323760	26.84 1.65 0.00	23.44 1.61 0.00	22.07 1.42 0.00	18.26 1.14 0.00	18.15 1.07 0.00	20.33 1.20 0.00	27.22 1.62 0.00	34.77 1.69 -8.24	32.47 2.08 -0.24	35.99 2.06 -4.66	38.34 2.40 0.00	41.70 2.69 0.00	41.63 2.69 0.00	59.55 3.26 0.00	144.68 8.22 0.00	77.32 4.64 0.00	99.61 6.15 0.00	78.87 4.74 0.00	93.25 5.14 0.00	91.06 4.66 0.00	65.32 3.04 0.00	129.65 6.50 0.00	109.13 5.20 0.00	56.53 2.62 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.26 1.06 0.00	22.45 0.62 0.00	21.27 0.62 0.00	17.52 0.41 0.00	17.31 0.23 0.00	19.63 0.50 0.00	26.42 0.82 0.00	25.04 0.21 0.00	30.17 0.03 0.00	29.18 -0.10 0.00	35.96 0.01 0.00	38.16 -0.85 0.00	38.67 -0.27 0.00	56.33 0.04 0.00	134.87 -1.59 0.00	71.54 -1.14 0.00	90.93 -2.54 0.00	72.41 -1.71 0.00	85.39 -2.73 0.00	83.99 -2.41 0.00	60.82 -1.45 0.00	122.07 -1.08 0.00	104.67 0.74 0.00	55.21 1.29 0.00
PACKARD___115KV_DUPONT_184 80571	26.26 1.06 0.00	22.45 0.62 0.00	21.27 0.62 0.00	17.52 0.41 0.00	17.31 0.23 0.00	19.63 0.50 0.00	26.42 0.82 0.00	25.04 0.21 0.00	30.17 0.03 0.00	29.18 -0.10 0.00	35.96 0.01 0.00	38.16 -0.85 0.00	38.67 -0.27 0.00	56.33 0.04 0.00	134.87 -1.59 0.00	71.54 -1.14 0.00	90.93 -2.54 0.00	72.41 -1.71 0.00	85.39 -2.73 0.00	83.99 -2.41 0.00	60.82 -1.45 0.00	122.07 -1.08 0.00	104.67 0.74 0.00	55.21 1.29 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.56 1.37 0.00	23.20 1.38 0.00	21.85 1.21 0.00	18.09 0.97 0.00	17.98 0.89 0.00	20.13 1.00 0.00	26.95 1.35 0.00	34.47 1.39 -8.24	32.07 1.69 -0.24	35.53 1.59 -4.66	37.78 1.83 0.00	41.07 2.05 0.00	41.07 2.14 0.00	58.62 2.32 0.00	142.09 5.64 0.00	75.85 3.18 0.00	97.69 4.22 0.00	77.34 3.22 0.00	91.47 3.36 0.00	89.49 3.10 0.00	64.27 1.99 0.00	127.60 4.45 0.00	107.34 3.41 0.00	55.75 1.84 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.67 1.48 0.00	23.31 1.48 0.00	21.97 1.33 0.00	18.20 1.09 0.00	18.07 0.99 0.00	20.25 1.12 0.00	27.13 1.53 0.00	34.62 1.54 -8.24	32.23 1.84 -0.24	35.67 1.74 -4.66	38.01 2.06 0.00	41.34 2.33 0.00	41.49 2.55 0.00	59.29 3.00 0.00	143.72 7.26 0.00	76.43 3.75 0.00	98.59 5.12 0.00	77.98 3.86 0.00	92.21 4.10 0.00	90.30 3.91 0.00	64.80 2.53 0.00	128.68 5.53 0.00	108.36 4.43 0.00	56.21 2.29 0.00
PATROON__115KV_TB1 80586	25.76 0.57 0.00	22.48 0.65 0.00	21.25 0.61 0.00	17.61 0.49 0.00	17.53 0.45 0.00	19.67 0.54 0.00	26.30 0.70 0.00	27.36 0.64 -1.88	30.97 0.78 -0.06	30.96 0.62 -1.06	36.46 0.52 0.00	39.54 0.53 0.00	39.43 0.49 0.00	56.72 0.43 0.00	138.08 1.63 0.00	73.69 1.01 0.00	94.94 1.48 0.00	75.30 1.18 0.00	89.59 1.48 0.00	87.91 1.52 0.00	63.34 1.07 0.00	125.47 2.32 0.00	105.90 1.98 0.00	54.95 1.04 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.73 1.54 0.00	22.84 1.02 0.00	21.59 0.94 0.00	17.77 0.65 0.00	17.57 0.49 0.00	19.91 0.79 0.00	26.80 1.20 0.00	25.63 0.80 0.00	31.18 1.03 0.00	30.44 1.16 0.00	37.63 1.69 0.00	40.06 1.05 0.00	40.62 1.68 0.00	59.15 2.86 0.00	142.17 5.72 0.00	75.46 2.79 0.00	96.16 2.70 0.00	76.40 2.28 0.00	90.10 1.98 0.00	88.40 2.00 0.00	64.04 1.77 0.00	127.96 4.82 0.00	108.89 4.96 0.00	56.90 2.98 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	26.61 1.42 0.00	23.24 1.42 0.00	21.91 1.26 0.00	18.12 1.00 0.00	18.01 0.93 0.00	20.18 1.05 0.00	26.98 1.38 0.00	29.30 1.43 -3.04	32.01 1.78 -0.09	32.74 1.75 -1.72	38.04 2.09 0.00	41.37 2.36 0.00	41.34 2.40 0.00	59.33 3.04 0.00	144.29 7.83 0.00	77.26 4.58 0.00	99.61 6.14 0.00	78.98 4.85 0.00	93.58 5.46 0.00	91.36 4.96 0.00	65.55 3.28 0.00	129.93 6.78 0.00	109.38 5.45 0.00	56.63 2.72 0.00
PEEKSKILL____ 23653	26.28 1.09 0.00	22.96 1.14 0.00	21.64 1.00 0.00	17.92 0.80 0.00	17.80 0.72 0.00	19.94 0.81 0.00	26.65 1.05 0.00	35.49 1.09 -9.57	31.74 1.31 -0.28	35.97 1.29 -5.41	37.45 1.50 0.00	40.75 1.74 0.00	40.64 1.71 0.00	58.23 1.94 0.00	141.47 5.01 0.00	75.63 2.95 0.00	97.39 3.92 0.00	77.14 3.01 0.00	91.37 3.26 0.00	89.29 2.89 0.00	64.15 1.88 0.00	127.44 4.30 0.00	107.39 3.46 0.00	55.70 1.79 0.00
PGE MADISON__WINDPWR 24146	27.34 2.15 0.00	23.61 1.79 0.00	22.27 1.63 0.00	18.40 1.28 0.00	18.31 1.23 0.00	20.66 1.53 0.00	27.80 2.20 0.00	26.95 2.12 0.00	32.74 2.60 0.00	31.61 2.33 0.00	38.83 2.88 0.00	41.98 2.97 0.00	42.81 3.63 -0.24	63.96 5.19 -2.48	152.96 13.36 -3.14	82.56 6.59 -3.29	105.06 9.06 -2.53	84.10 7.41 -2.57	100.31 9.20 -3.00	98.89 9.58 -2.92	72.14 7.06 -2.80	139.80 13.98 -2.68	116.88 11.27 -1.68	60.52 5.36 -1.24
PIERCEFIELD__HYD 23852	24.93 -0.27 0.00	21.41 -0.41 0.00	20.28 -0.37 0.00	16.83 -0.29 0.00	16.77 -0.31 0.00	18.57 -0.56 0.00	24.91 -0.69 0.00	24.30 -0.53 0.00	29.49 -0.65 0.00	28.57 -0.70 0.00	35.30 -0.64 0.00	38.60 -0.41 0.00	38.64 -0.41 -0.11	57.04 -0.40 -1.15	136.06 -1.86 -1.46	72.82 -1.39 -1.53	93.03 -1.61 -1.17	74.28 -1.04 -1.19	88.35 -1.16 -1.39	86.82 -0.93 -1.35	63.12 -0.46 -1.30	123.41 -0.98 -1.24	104.34 -0.37 -0.78	54.54 0.05 -0.58
PINELAWN_CC_1 323563	26.82 1.62 0.00	23.39 1.57 0.00	22.15 1.50 0.00	18.40 1.29 0.00	18.28 1.20 0.00	20.23 1.11 0.00	26.86 1.26 0.00	34.28 1.29 -8.15	31.96 1.58 -0.24	35.53 1.65 -4.61	38.18 2.10 -0.13	44.05 2.63 -2.41	50.43 2.53 -8.97	58.51 2.20 0.00	142.20 5.75 0.00	76.35 3.67 0.00	100.78 5.12 -2.19	86.51 4.18 -8.21	98.34 4.23 -6.00	90.88 3.87 -0.61	65.19 2.88 -0.04	128.77 5.62 0.00	108.38 4.45 0.00	56.87 2.95 0.00
PJM_GEN_HTP_PROXY 323702	26.44 1.24 0.00	23.10 1.28 0.00	21.77 1.12 0.00	18.01 0.89 0.00	17.91 0.83 0.00	20.05 0.93 0.00	26.83 1.23 0.00	34.38 1.30 -8.25	30.32 1.60 1.43	35.52 1.58 -4.66	37.75 1.80 0.00	41.05 2.04 0.00	40.96 2.02 0.00	63.76 2.30 -5.16	142.29 5.84 0.00	76.03 3.35 0.00	97.94 4.47 0.00	77.55 3.43 0.00	91.72 3.61 0.00	89.53 3.13 0.00	64.25 1.98 0.00	127.55 4.40 0.00	110.39 3.38 -3.09	55.65 1.73 0.00
PJM_GEN_KEystone 24065	25.98 0.78 0.00	22.54 0.72 0.00	17.76 0.59 3.48	17.52 0.40 0.00	17.40 0.32 0.00	19.59 0.47 0.00	26.23 0.64 0.00	12.17 0.53 13.20	28.69 0.67 2.12	23.10 0.74 6.91	38.44 0.97 -1.52	39.39 0.82 0.44	39.49 1.00 0.45	61.15 1.26 -3.59	136.46 2.64 2.64	71.65 1.50 2.54	92.81 1.48 2.13	73.40 1.02 1.74	86.90 0.73 1.95	54.05 0.48 32.83	61.27 0.41 1.42	124.90 1.90 0.14	107.85 2.00 -1.92	54.45 1.13 0.60
PJM_GEN_NEPTUNE_PROXY 323594	26.45 1.25 0.00	23.10 1.28 0.00	21.86 1.21 0.00	18.15 1.03 0.00	18.03 0.95 0.00	20.09 0.96 0.00	26.73 1.12 0.00	34.17 1.17 -8.15	30.22 1.50 1.43	35.41 1.53 -4.61	38.01 1.93 -0.13	43.76 2.34 -2.41	50.14 2.24 -8.97	63.44 1.99 -5.16	141.78 5.32 0.00	75.97 3.29 0.00	98.05 4.58 0.00	78.51 3.66 -0.72	92.86 3.62 -1.13	89.64 3.24 0.00	64.46 2.18 0.00	127.31 4.16 0.00	109.86 2.84 -3.09	55.97 2.06 0.00
PJM_GEN_VFT_PROXY 323633	26.29 1.09 0.00	22.98 1.15 0.00	21.64 1.00 0.00	17.91 0.80 0.00	17.81 0.73 0.00	19.95 0.82 0.00	26.69 1.09 0.00	17.44 1.15 8.54	28.70 1.43 2.87	33.77 1.40 -3.10	37.01 1.57 0.51	34.59 1.78 6.20	34.28 1.78 6.43	40.99 1.91 17.21	103.62 4.87 37.71	39.25 2.81 36.24	66.78 3.77 30.45	52.14 2.88 24.87	63.17 2.93 27.87	76.87 2.52 12.05	43.54 1.49 20.23	124.49 3.40 2.06	92.88 2.58 13.63	46.66 1.30 8.56
PLATSBRG_115KV_PMLD1 355749	25.61 0.42 0.00	22.03 0.20 0.00	20.78 0.13 0.00	17.17 0.05 0.00	17.20 0.12 0.00	19.31 0.18 0.00	25.92 0.31 0.00	25.40 0.56 0.00	30.85 0.71 0.00	29.81 0.53 0.00	36.53 0.58 0.00	39.65 0.64 0.00	39.36 0.42 0.00	57.31 1.02 0.00	138.25 1.79 0.00	72.91 0.24 0.00	94.06 0.60 0.00	74.80 0.67 0.00	89.05 0.94 0.00	87.22 0.83 0.00	63.22 0.94 0.00	125.49 2.35 0.00	106.37 2.45 0.00	55.24 1.33 0.00
PLEASANTVLY__LBMP 24000	26.17 0.98 0.00	22.89 1.06 0.00	21.59 0.95 0.00	17.87 0.75 0.00	17.77 0.69 0.00	19.90 0.77 0.00	26.58 0.98 0.00	29.64 1.00 -3.80	31.47 1.22 -0.11	32.58 1.16 -2.15	37.22 1.27 0.00	40.41 1.40 0.00	40.29 1.35 0.00	57.74 1.45 0.00	140.43 3.97 0.00	75.11 2.43 0.00	96.76 3.30 0.00	76.67 2.55 0.00	90.97 2.86 0.00	88.94 2.54 0.00	63.93 1.66 0.00	126.83 3.68 0.00	106.97 3.04 0.00	55.54 1.62 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	26.39 1.19 0.00	23.05 1.23 0.00	21.73 1.09 0.00	17.98 0.86 0.00	17.88 0.80 0.00	20.02 0.89 0.00	26.77 1.17 0.00	32.49 1.22 -6.44	31.82 1.50 -0.19	34.39 1.48 -3.64	37.67 1.72 0.00	40.96 1.95 0.00	40.72 1.78 0.00	58.45 2.16 0.00	142.09 5.64 0.00	76.05 3.37 0.00	97.94 4.48 0.00	77.61 3.48 0.00	91.91 3.80 0.00	89.78 3.38 0.00	64.45 2.18 0.00	127.93 4.78 0.00	107.75 3.82 0.00	55.89 1.98 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.39 1.19 0.00	23.05 1.23 0.00	21.73 1.09 0.00	17.98 0.86 0.00	17.88 0.80 0.00	20.02 0.89 0.00	26.77 1.17 0.00	32.49 1.22 -6.44	31.82 1.50 -0.19	34.39 1.48 -3.64	37.67 1.72 0.00	40.96 1.95 0.00	40.72 1.78 0.00	58.45 2.16 0.00	142.09 5.64 0.00	76.05 3.37 0.00	97.94 4.48 0.00	77.61 3.48 0.00	91.91 3.80 0.00	89.78 3.38 0.00	64.45 2.18 0.00	127.93 4.78 0.00	107.75 3.82 0.00	55.89 1.98 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.44 1.24 0.00	23.10 1.27 0.00	21.78 1.13 0.00	18.01 0.90 0.00	17.91 0.83 0.00	20.06 0.93 0.00	26.81 1.21 0.00	28.00 1.25 -1.92	31.72 1.52 -0.06	31.83 1.47 -1.09	37.64 1.69 0.00	40.88 1.87 0.00	40.83 1.90 0.00	58.60 2.31 0.00	142.61 6.15 0.00	76.29 3.62 0.00	98.42 4.95 0.00	78.06 3.94 0.00	92.63 4.51 0.00	90.52 4.13 0.00	65.00 2.73 0.00	128.83 5.68 0.00	108.61 4.68 0.00	56.30 2.39 0.00
POLETTI____ 23519	26.44 1.25 0.00	23.11 1.28 0.00	21.78 1.13 0.00	18.02 0.90 0.00	17.91 0.83 0.00	20.06 0.94 0.00	26.83 1.23 0.00	34.38 1.30 -8.24	31.99 1.60 -0.24	35.51 1.58 -4.66	37.73 1.78 0.00	41.03 2.02 0.00	40.95 2.01 0.00	58.53 2.23 0.00	142.09 5.63 0.00	75.93 3.25 0.00	97.82 4.35 0.00	77.45 3.33 0.00	91.60 3.49 0.00	89.43 3.03 0.00	64.13 1.86 0.00	127.31 4.16 0.00	107.11 3.18 0.00	55.55 1.64 0.00
POMONA____ESR 323819	26.23 1.04 0.00	22.92 1.10 0.00	21.60 0.95 0.00	17.88 0.76 0.00	17.77 0.69 0.00	19.89 0.76 0.00	26.58 0.98 0.00	14.79 1.01 11.05	31.01 1.19 0.32	24.18 1.16 6.25	37.34 1.39 0.00	40.67 1.66 0.00	40.60 1.66 0.00	58.19 1.89 0.00	141.28 4.83 0.00	75.50 2.83 0.00	97.15 3.68 0.00	76.95 2.83 0.00	91.11 3.00 0.00	89.05 2.65 0.00	64.00 1.73 0.00	127.44 4.29 0.00	107.56 3.63 0.00	55.73 1.82 0.00
PORT_JEFF_3 23555	26.80 1.61 0.00	23.37 1.54 0.00	22.17 1.52 0.00	18.47 1.35 0.00	18.34 1.26 0.00	20.38 1.26 0.00	27.10 1.50 0.00	34.57 1.58 -8.15	32.39 2.01 -0.24	35.98 2.09 -4.61	38.72 2.64 -0.13	44.74 3.31 -2.41	51.18 3.27 -8.97	59.31 2.90 -0.11	143.28 6.82 0.00	76.85 4.17 0.00	141.45 5.69 -42.29	224.47 4.57 -145.77	208.27 4.62 -115.54	117.24 4.32 -26.52	66.10 3.16 -0.67	128.39 5.24 0.00	107.00 3.07 0.00	56.70 2.79 0.00
PORT_JEFF_4 23616	26.80 1.61 0.00	23.37 1.54 0.00	22.17 1.52 0.00	18.47 1.35 0.00	18.34 1.26 0.00	20.38 1.26 0.00	27.10 1.50 0.00	34.57 1.58 -8.15	32.39 2.01 -0.24	35.98 2.09 -4.61	38.72 2.64 -0.13	44.74 3.31 -2.41	51.18 3.27 -8.97	59.31 2.90 -0.11	143.28 6.82 0.00	76.85 4.17 0.00	141.45 5.69 -42.29	224.47 4.57 -145.77	208.27 4.62 -115.54	117.24 4.32 -26.52	66.10 3.16 -0.67	128.39 5.24 0.00	107.00 3.07 0.00	56.70 2.79 0.00
PORT_JEFF_IC 23713	26.85 1.66 0.00	23.41 1.58 0.00	22.20 1.56 0.00	18.49 1.37 0.00	18.36 1.28 0.00	20.41 1.29 0.00	27.14 1.54 0.00	34.62 1.63 -8.15	32.45 2.07 -0.24	36.04 2.16 -4.61	38.82 2.74 -0.13	44.87 3.44 -2.41	51.30 3.39 -8.97	59.35 2.90 -0.15	143.44 6.99 0.00	77.01 4.33 0.00	154.83 5.94 -55.43	269.19 4.85 -190.22	252.42 4.92 -159.39	131.66 4.54 -40.73	66.39 3.24 -0.88	128.55 5.40 0.00	107.20 3.27 0.00	56.90 2.98 0.00
PPL PILGRIM_ST_GT1 24216	26.97 1.77 0.00	23.53 1.70 0.00	22.32 1.67 0.00	18.55 1.43 0.00	18.42 1.33 0.00	20.49 1.36 0.00	27.25 1.65 0.00	34.71 1.72 -8.15	32.55 2.17 -0.24	36.15 2.27 -4.61	38.98 2.90 -0.13	44.98 3.56 -2.41	51.43 3.52 -8.97	59.39 3.08 -0.02	143.68 7.22 0.00	77.05 4.37 0.00	106.49 5.89 -7.14	103.99 4.80 -25.06	109.99 4.92 -16.95	92.98 4.59 -1.99	65.65 3.27 -0.11	128.96 5.82 0.00	107.69 3.76 0.00	56.82 2.91 0.00
PPL PILGRIM_ST_GT2 24217	26.97 1.77 0.00	23.53 1.70 0.00	22.32 1.67 0.00	18.55 1.43 0.00	18.42 1.33 0.00	20.49 1.36 0.00	27.25 1.65 0.00	34.71 1.72 -8.15	32.55 2.17 -0.24	36.15 2.27 -4.61	38.98 2.90 -0.13	44.98 3.56 -2.41	51.43 3.52 -8.97	59.39 3.08 -0.02	143.68 7.22 0.00	77.05 4.37 0.00	106.49 5.89 -7.14	103.99 4.80 -25.06	109.99 4.92 -16.95	92.98 4.59 -1.99	65.65 3.27 -0.11	128.96 5.82 0.00	107.69 3.76 0.00	56.82 2.91 0.00
PPL_SHRM_GT3 24213	26.67 1.48 0.00	23.24 1.42 0.00	22.07 1.42 0.00	18.46 1.35 0.00	18.33 1.25 0.00	20.32 1.20 0.00	26.96 1.36 0.00	34.46 1.46 -8.15	32.26 1.88 -0.24	35.78 1.90 -4.61	38.44 2.36 -0.13	44.47 3.05 -2.41	51.01 3.11 -8.97	59.39 2.97 -0.12	143.89 7.44 0.00	77.28 4.60 0.00	144.25 6.25 -44.54	231.66 4.19 -153.34	215.16 3.66 -123.38	119.75 4.15 -29.20	66.54 3.56 -0.71	128.36 5.22 0.00	105.50 1.57 0.00	56.75 2.83 0.00
PPL_SHRM_GT4 24214	26.67 1.48 0.00	23.24 1.42 0.00	22.07 1.42 0.00	18.46 1.35 0.00	18.33 1.25 0.00	20.32 1.20 0.00	26.96 1.36 0.00	34.46 1.46 -8.15	32.26 1.88 -0.24	35.78 1.90 -4.61	38.44 2.36 -0.13	44.47 3.05 -2.41	51.01 3.11 -8.97	59.39 2.97 -0.12	143.89 7.44 0.00	77.28 4.60 0.00	144.25 6.25 -44.54	231.66 4.19 -153.34	215.16 3.66 -123.38	119.75 4.15 -29.20	66.54 3.56 -0.71	128.36 5.22 0.00	105.50 1.57 0.00	56.75 2.83 0.00
PROJECT___ORANGE 1 24174	25.13 -0.06 0.00	21.73 -0.10 0.00	20.56 -0.09 0.00	17.04 -0.08 0.00	16.97 -0.11 0.00	19.05 -0.08 0.00	25.48 -0.12 0.00	24.70 -0.13 0.00	30.02 -0.12 0.00	29.22 -0.05 0.00	35.97 0.02 0.00	38.95 -0.06 0.00	39.40 0.15 -0.31	59.90 0.34 -3.28	141.13 0.52 -4.15	77.24 0.21 -4.36	96.97 0.15 -3.35	77.72 0.20 -3.40	92.29 0.20 -3.97	90.39 0.13 -3.86	66.06 0.08 -3.71	126.96 0.27 -3.54	106.37 0.22 -2.22	55.63 0.08 -1.64
PROJECT___ORANGE 2 24166	25.13 -0.06 0.00	21.73 -0.10 0.00	20.56 -0.09 0.00	17.04 -0.08 0.00	16.97 -0.11 0.00	19.05 -0.08 0.00	25.48 -0.12 0.00	24.70 -0.13 0.00	30.02 -0.12 0.00	29.22 -0.05 0.00	35.97 0.02 0.00	38.95 -0.06 0.00	39.40 0.15 -0.31	59.90 0.34 -3.28	141.13 0.52 -4.15	77.24 0.21 -4.36	96.97 0.15 -3.35	77.72 0.20 -3.40	92.29 0.20 -3.97	90.39 0.13 -3.86	66.06 0.08 -3.71	126.96 0.27 -3.54	106.37 0.22 -2.22	55.63 0.08 -1.64
PUCKETT___SOLAR 323809	26.10 0.91 0.00	22.59 0.76 0.00	21.31 0.67 0.00	17.60 0.49 0.00	17.53 0.44 0.00	19.72 0.59 0.00	26.45 0.85 0.00	25.62 0.79 0.00	31.08 0.93 0.00	30.15 0.88 0.00	37.02 1.07 0.00	39.94 0.93 0.00	40.48 1.32 -0.21	60.33 1.80 -2.24	143.69 4.40 -2.83	78.10 2.45 -2.97	98.78 3.03 -2.29	78.85 2.41 -2.32	93.87 3.05 -2.71	92.12 3.09 -2.64	67.14 2.33 -2.53	130.56 5.00 -2.42	109.72 4.27 -1.52	57.18 2.14 -1.12
PYRITES___HYD 24023	25.32 0.13 0.00	21.76 -0.07 0.00	20.60 -0.05 0.00	17.09 -0.03 0.00	17.05 -0.03 0.00	18.97 -0.16 0.00	25.48 -0.12 0.00	24.83 0.00 0.00	30.12 -0.02 0.00	29.21 -0.06 0.00	36.12 0.17 0.00	39.46 0.45 0.00	39.60 0.57 -0.10	58.60 1.25 -1.06	139.92 2.12 -1.34	74.40 0.32 -1.40	95.14 0.59 -1.08	75.86 0.64 -1.10	90.17 0.78 -1.28	88.70 1.06 -1.24	64.49 1.02 -1.20	126.17 1.88 -1.14	106.61 1.97 -0.72	55.51 1.06 -0.53

QUAKERRD_115KV_BK1 80622	25.41 0.22 0.00	21.82 0.00 0.00	20.63 -0.01 0.00	17.06 -0.06 0.00	16.92 -0.16 0.00	19.08 -0.05 0.00	25.62 0.02 0.00	24.67 -0.17 0.00	29.98 -0.16 0.00	29.20 -0.07 0.00	36.03 0.08 0.00	38.76 -0.26 0.00	39.08 0.14 0.00	56.81 0.52 0.00	136.95 0.50 0.00	72.84 0.16 0.00	93.19 -0.28 0.00	74.02 -0.10 0.00	87.81 -0.31 0.00	86.15 -0.25 0.00	62.09 -0.18 0.00	123.50 0.36 0.00	104.49 0.56 0.00	54.37 0.46 0.00
QUENSBRY_115KV_TB8 356137	26.69 1.50 0.00	23.20 1.37 0.00	21.87 1.22 0.00	18.05 0.94 0.00	17.99 0.91 0.00	20.18 1.05 0.00	27.03 1.43 0.00	28.14 1.49 -1.82	32.14 1.94 -0.05	32.03 1.73 -1.03	37.75 1.81 0.00	40.85 1.84 0.00	40.74 1.80 0.00	58.99 2.70 0.00	144.85 8.39 0.00	77.46 4.78 0.00	99.91 6.45 0.00	79.22 5.10 0.00	94.99 6.87 0.00	92.83 6.44 0.00	66.88 4.60 0.00	132.52 9.37 0.00	111.46 7.54 0.00	57.51 3.60 0.00
RAMAPO___LBMP 323565	26.16 0.97 0.00	22.85 1.03 0.00	21.54 0.89 0.00	17.82 0.71 0.00	17.72 0.64 0.00	19.83 0.70 0.00	26.51 0.91 0.00	15.18 0.94 10.60	30.94 1.11 0.31	24.35 1.07 5.99	37.23 1.28 0.00	40.55 1.54 0.00	40.45 1.51 0.00	57.98 1.69 0.00	140.72 4.26 0.00	75.21 2.53 0.00	96.75 3.28 0.00	76.62 2.49 0.00	90.75 2.63 0.00	88.72 2.33 0.00	63.79 1.52 0.00	126.92 3.77 0.00	107.06 3.14 0.00	55.49 1.57 0.00
RANKINE____ 23646	26.78 1.59 0.00	22.87 1.04 0.00	21.62 0.97 0.00	17.80 0.68 0.00	17.60 0.52 0.00	19.96 0.83 0.00	26.84 1.24 0.00	25.64 0.80 0.00	31.15 1.01 0.00	30.36 1.09 0.00	37.52 1.58 0.00	39.93 0.92 0.00	40.50 1.56 0.00	59.00 2.71 0.00	141.70 5.25 0.00	75.23 2.55 0.00	95.85 2.38 0.00	76.17 2.04 0.00	89.85 1.73 0.00	88.18 1.78 0.00	63.87 1.60 0.00	127.63 4.49 0.00	108.76 4.83 0.00	56.93 3.02 0.00
RAVENSWOOD_GT2_1 24244	26.49 1.30 0.00	23.15 1.32 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.94 0.86 0.00	20.09 0.96 0.00	26.88 1.28 0.00	34.43 1.35 -8.24	32.05 1.67 -0.24	35.57 1.64 -4.66	37.81 1.86 0.00	41.10 2.09 0.00	41.03 2.09 0.00	58.63 2.34 0.00	142.31 5.85 0.00	76.03 3.35 0.00	97.92 4.46 0.00	77.53 3.40 0.00	91.69 3.57 0.00	89.52 3.13 0.00	64.21 1.93 0.00	127.45 4.30 0.00	107.24 3.31 0.00	55.62 1.71 0.00
RAVENSWOOD_GT2_2 24245	26.49 1.30 0.00	23.15 1.32 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.94 0.86 0.00	20.09 0.96 0.00	26.88 1.28 0.00	34.43 1.35 -8.24	32.05 1.67 -0.24	35.57 1.64 -4.66	37.81 1.86 0.00	41.10 2.09 0.00	41.03 2.09 0.00	58.63 2.34 0.00	142.31 5.85 0.00	76.03 3.35 0.00	97.92 4.46 0.00	77.53 3.40 0.00	91.69 3.57 0.00	89.52 3.13 0.00	64.21 1.93 0.00	127.45 4.30 0.00	107.24 3.31 0.00	55.62 1.71 0.00
RAVENSWOOD_GT2_3 24246	26.51 1.32 0.00	23.16 1.34 0.00	21.82 1.17 0.00	18.05 0.94 0.00	17.95 0.87 0.00	20.10 0.98 0.00	26.90 1.30 0.00	34.45 1.37 -8.24	32.08 1.69 -0.24	35.60 1.66 -4.66	37.84 1.90 0.00	41.14 2.13 0.00	41.05 2.11 0.00	58.69 2.39 0.00	142.44 5.98 0.00	76.09 3.41 0.00	97.97 4.51 0.00	77.59 3.47 0.00	91.75 3.64 0.00	89.59 3.20 0.00	64.26 1.98 0.00	127.54 4.39 0.00	107.31 3.38 0.00	55.66 1.75 0.00
RAVENSWOOD_GT2_4 24247	26.51 1.32 0.00	23.16 1.34 0.00	21.82 1.17 0.00	18.05 0.94 0.00	17.95 0.87 0.00	20.10 0.98 0.00	26.90 1.30 0.00	34.45 1.37 -8.24	32.08 1.69 -0.24	35.60 1.66 -4.66	37.84 1.90 0.00	41.14 2.13 0.00	41.05 2.11 0.00	58.69 2.39 0.00	142.44 5.98 0.00	76.09 3.41 0.00	97.97 4.51 0.00	77.59 3.47 0.00	91.75 3.64 0.00	89.59 3.20 0.00	64.26 1.98 0.00	127.54 4.39 0.00	107.31 3.38 0.00	55.66 1.75 0.00
RAVENSWOOD_GT3_1 24248	26.49 1.30 0.00	23.15 1.32 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.94 0.86 0.00	20.09 0.96 0.00	26.88 1.28 0.00	34.43 1.35 -8.24	32.05 1.67 -0.24	35.58 1.64 -4.66	37.82 1.87 0.00	41.10 2.09 0.00	41.03 2.09 0.00	58.65 2.35 0.00	142.31 5.85 0.00	76.03 3.35 0.00	97.92 4.46 0.00	77.53 3.40 0.00	91.69 3.57 0.00	89.52 3.13 0.00	64.21 1.93 0.00	127.45 4.30 0.00	107.24 3.31 0.00	55.63 1.71 0.00
RAVENSWOOD_GT3_2 24249	26.49 1.30 0.00	23.15 1.32 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.94 0.86 0.00	20.09 0.96 0.00	26.88 1.28 0.00	34.43 1.35 -8.24	32.05 1.67 -0.24	35.58 1.64 -4.66	37.82 1.87 0.00	41.10 2.09 0.00	41.03 2.09 0.00	58.65 2.35 0.00	142.31 5.85 0.00	76.03 3.35 0.00	97.92 4.46 0.00	77.53 3.40 0.00	91.69 3.57 0.00	89.52 3.13 0.00	64.21 1.93 0.00	127.45 4.30 0.00	107.24 3.31 0.00	55.63 1.71 0.00
RAVENSWOOD_GT3_3 24250	26.55 1.36 0.00	23.20 1.37 0.00	21.85 1.21 0.00	18.09 0.97 0.00	17.98 0.90 0.00	20.13 1.00 0.00	26.94 1.34 0.00	34.49 1.41 -8.24	32.13 1.75 -0.24	35.65 1.72 -4.66	37.91 1.96 0.00	41.21 2.20 0.00	41.11 2.18 0.00	58.78 2.49 0.00	142.66 6.20 0.00	76.22 3.55 0.00	98.16 4.69 0.00	77.73 3.61 0.00	91.91 3.80 0.00	89.76 3.36 0.00	64.37 2.10 0.00	127.78 4.63 0.00	107.51 3.58 0.00	55.74 1.83 0.00
RAVENSWOOD_GT3_4 24251	26.55 1.36 0.00	23.20 1.37 0.00	21.85 1.21 0.00	18.09 0.97 0.00	17.98 0.89 0.00	20.13 1.01 0.00	26.94 1.34 0.00	34.49 1.41 -8.24	32.13 1.75 -0.24	35.65 1.72 -4.66	37.91 1.96 0.00	41.21 2.20 0.00	41.11 2.18 0.00	58.79 2.50 0.00	142.72 6.26 0.00	76.23 3.55 0.00	98.15 4.68 0.00	77.73 3.61 0.00	91.92 3.81 0.00	89.76 3.36 0.00	64.36 2.09 0.00	127.78 4.63 0.00	107.51 3.58 0.00	55.75 1.83 0.00
RAVENSWOOD_GT_1 23729	26.55 1.36 0.00	23.19 1.37 0.00	21.84 1.19 0.00	18.08 0.96 0.00	17.96 0.88 0.00	20.12 0.99 0.00	26.94 1.34 0.00	34.50 1.42 -8.24	32.16 1.78 -0.24	35.64 1.71 -4.66	37.86 1.91 0.00	41.12 2.11 0.00	41.06 2.12 0.00	58.64 2.35 0.00	142.23 5.78 0.00	75.97 3.29 0.00	97.84 4.37 0.00	77.41 3.29 0.00	91.51 3.40 0.00	89.41 3.01 0.00	64.14 1.86 0.00	127.33 4.19 0.00	107.05 3.12 0.00	55.57 1.66 0.00
RAVENSWOOD_GT_10 24258	26.49 1.30 0.00	23.15 1.33 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.94 0.86 0.00	20.09 0.97 0.00	26.88 1.28 0.00	34.43 1.35 -8.24	32.05 1.67 -0.24	35.58 1.64 -4.66	37.82 1.87 0.00	41.12 2.11 0.00	41.03 2.09 0.00	58.63 2.33 0.00	142.32 5.86 0.00	76.04 3.36 0.00	97.93 4.47 0.00	77.55 3.43 0.00	91.70 3.59 0.00	89.53 3.14 0.00	64.21 1.94 0.00	127.48 4.33 0.00	107.29 3.36 0.00	55.63 1.72 0.00
RAVENSWOOD_GT_11 24259	26.49 1.30 0.00	23.15 1.32 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.94 0.86 0.00	20.09 0.96 0.00	26.88 1.28 0.00	34.43 1.35 -8.24	32.05 1.67 -0.24	35.58 1.64 -4.66	37.82 1.87 0.00	41.12 2.11 0.00	41.03 2.09 0.00	58.65 2.35 0.00	142.31 5.85 0.00	76.04 3.36 0.00	97.94 4.47 0.00	77.55 3.43 0.00	91.70 3.59 0.00	89.53 3.13 0.00	64.21 1.93 0.00	127.48 4.33 0.00	107.27 3.34 0.00	55.63 1.72 0.00



RAVENSWOOD_GT_4 24252	26.50 1.30 0.00	23.15 1.33 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.94 0.86 0.00	20.10 0.97 0.00	26.88 1.28 0.00	34.43 1.35 -8.24	32.05 1.67 -0.24	35.59 1.65 -4.66	37.83 1.88 0.00	41.14 2.13 0.00	41.04 2.10 0.00	58.67 2.37 0.00	142.45 5.99 0.00	76.10 3.43 0.00	98.00 4.54 0.00	77.62 3.49 0.00	91.78 3.67 0.00	89.61 3.22 0.00	64.26 1.99 0.00	127.57 4.42 0.00	107.34 3.41 0.00	55.68 1.76 0.00
RAVENSWOOD_GT_5 24254	26.50 1.30 0.00	23.15 1.33 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.94 0.86 0.00	20.10 0.97 0.00	26.88 1.28 0.00	34.43 1.35 -8.24	32.05 1.67 -0.24	35.59 1.65 -4.66	37.83 1.88 0.00	41.14 2.13 0.00	41.04 2.10 0.00	58.67 2.37 0.00	142.45 5.99 0.00	76.10 3.43 0.00	98.00 4.54 0.00	77.62 3.49 0.00	91.78 3.67 0.00	89.61 3.22 0.00	64.26 1.99 0.00	127.57 4.42 0.00	107.34 3.41 0.00	55.68 1.76 0.00
RAVENSWOOD_GT_6 24253	26.50 1.30 0.00	23.15 1.33 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.94 0.86 0.00	20.10 0.97 0.00	26.88 1.28 0.00	34.43 1.35 -8.24	32.05 1.67 -0.24	35.59 1.65 -4.66	37.83 1.88 0.00	41.14 2.13 0.00	41.04 2.10 0.00	58.67 2.37 0.00	142.45 5.99 0.00	76.10 3.43 0.00	98.00 4.54 0.00	77.62 3.49 0.00	91.78 3.67 0.00	89.61 3.22 0.00	64.26 1.99 0.00	127.57 4.42 0.00	107.34 3.41 0.00	55.68 1.76 0.00
RAVENSWOOD_GT_7 24255	26.50 1.30 0.00	23.15 1.33 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.94 0.86 0.00	20.10 0.97 0.00	26.88 1.28 0.00	34.43 1.35 -8.24	32.05 1.67 -0.24	35.59 1.65 -4.66	37.83 1.88 0.00	41.14 2.13 0.00	41.04 2.10 0.00	58.67 2.37 0.00	142.45 5.99 0.00	76.10 3.43 0.00	98.00 4.54 0.00	77.62 3.49 0.00	91.78 3.67 0.00	89.61 3.22 0.00	64.26 1.99 0.00	127.57 4.42 0.00	107.34 3.41 0.00	55.68 1.76 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.49 1.30 0.00	23.15 1.33 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.94 0.86 0.00	20.09 0.97 0.00	26.88 1.28 0.00	34.43 1.35 -8.24	32.05 1.67 -0.24	35.58 1.64 -4.66	37.82 1.87 0.00	41.12 2.11 0.00	41.03 2.09 0.00	58.63 2.33 0.00	142.32 5.86 0.00	76.04 3.36 0.00	97.93 4.47 0.00	77.55 3.43 0.00	91.70 3.59 0.00	89.53 3.14 0.00	64.21 1.94 0.00	127.48 4.33 0.00	107.29 3.36 0.00	55.63 1.72 0.00
RAVENSWOOD_GT_9 24257	26.49 1.30 0.00	23.15 1.32 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.94 0.86 0.00	20.09 0.96 0.00	26.88 1.28 0.00	34.43 1.35 -8.24	32.05 1.67 -0.24	35.58 1.64 -4.66	37.82 1.87 0.00	41.12 2.11 0.00	41.03 2.09 0.00	58.65 2.35 0.00	142.31 5.85 0.00	76.04 3.36 0.00	97.94 4.47 0.00	77.55 3.43 0.00	91.70 3.59 0.00	89.53 3.13 0.00	64.21 1.93 0.00	127.48 4.33 0.00	107.27 3.34 0.00	55.63 1.72 0.00
RAVENSWOOD___1 23533	26.53 1.33 0.00	23.18 1.35 0.00	21.83 1.18 0.00	18.07 0.95 0.00	17.95 0.87 0.00	20.10 0.97 0.00	26.92 1.32 0.00	34.48 1.40 -8.24	32.13 1.75 -0.24	35.62 1.68 -4.66	37.82 1.88 0.00	41.08 2.07 0.00	41.03 2.09 0.00	58.60 2.30 0.00	142.15 5.70 0.00	75.92 3.24 0.00	97.77 4.30 0.00	77.36 3.23 0.00	91.42 3.31 0.00	89.33 2.93 0.00	64.08 1.81 0.00	127.24 4.09 0.00	106.99 3.07 0.00	55.53 1.61 0.00
RAVENSWOOD___2 23534	26.46 1.27 0.00	23.12 1.30 0.00	21.77 1.13 0.00	18.02 0.90 0.00	17.91 0.83 0.00	20.06 0.93 0.00	26.86 1.26 0.00	34.40 1.33 -8.24	32.01 1.62 -0.24	35.41 1.47 -4.66	37.50 1.56 0.00	40.74 1.73 0.00	40.68 1.74 0.00	58.02 1.73 0.00	140.73 4.28 0.00	75.19 2.51 0.00	96.85 3.38 0.00	76.70 2.57 0.00	90.62 2.50 0.00	88.58 2.18 0.00	63.53 1.25 0.00	126.22 3.07 0.00	106.07 2.14 0.00	55.04 1.12 0.00
RAVENSWOOD___3 23535	26.50 1.30 0.00	23.15 1.33 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.94 0.86 0.00	20.09 0.96 0.00	26.89 1.29 0.00	34.44 1.36 -8.24	32.06 1.68 -0.24	35.58 1.65 -4.66	37.82 1.87 0.00	41.11 2.10 0.00	41.03 2.09 0.00	58.65 2.35 0.00	142.31 5.85 0.00	76.03 3.35 0.00	97.94 4.47 0.00	77.55 3.42 0.00	91.70 3.58 0.00	89.52 3.13 0.00	64.21 1.93 0.00	127.48 4.33 0.00	107.25 3.31 0.00	55.63 1.71 0.00
RAVENSWOOD___4 23820	26.51 1.31 0.00	23.16 1.33 0.00	21.81 1.17 0.00	18.05 0.94 0.00	17.94 0.86 0.00	20.09 0.96 0.00	26.90 1.30 0.00	34.45 1.37 -8.24	32.10 1.72 -0.24	35.59 1.65 -4.66	37.80 1.85 0.00	41.06 2.05 0.00	40.99 2.05 0.00	58.55 2.25 0.00	142.02 5.57 0.00	75.84 3.17 0.00	97.68 4.21 0.00	77.30 3.18 0.00	91.36 3.24 0.00	89.28 2.89 0.00	64.05 1.77 0.00	127.16 4.02 0.00	106.92 3.00 0.00	55.50 1.59 0.00
RCPL_TRUST___DRP 24196	26.46 1.27 0.00	23.12 1.30 0.00	21.79 1.14 0.00	18.04 0.92 0.00	17.93 0.84 0.00	20.08 0.95 0.00	26.86 1.26 0.00	34.42 1.34 -8.25	32.04 1.66 -0.24	35.57 1.64 -4.66	37.82 1.87 0.00	41.12 2.11 0.00	41.04 2.10 0.00	58.68 2.39 0.00	142.51 6.06 0.00	76.18 3.50 0.00	98.12 4.65 0.00	77.70 3.58 0.00	91.87 3.76 0.00	89.68 3.28 0.00	64.32 2.05 0.00	127.69 4.54 0.00	107.44 3.51 0.00	55.71 1.79 0.00
RED___ROCHESTER 323720	26.54 1.34 0.00	22.72 0.90 0.00	21.46 0.82 0.00	17.71 0.59 0.00	17.55 0.47 0.00	19.82 0.69 0.00	26.63 1.02 0.00	25.60 0.76 0.00	31.12 0.98 0.00	30.34 1.07 0.00	37.47 1.53 0.00	40.26 1.25 0.00	40.68 1.74 0.00	59.14 2.84 0.00	142.34 5.88 0.00	75.78 3.10 0.00	96.82 3.35 0.00	76.92 2.80 0.00	91.15 3.04 0.00	89.49 3.10 0.00	64.54 2.27 0.00	128.52 5.37 0.00	108.82 4.89 0.00	56.68 2.77 0.00
REGAN___SOLAR 323812	27.72 2.52 0.00	24.12 2.29 0.00	22.80 2.16 0.00	18.87 1.75 0.00	18.75 1.67 0.00	21.07 1.95 0.00	28.24 2.64 0.00	28.76 2.46 -1.47	32.82 2.64 -0.04	32.56 2.46 -0.83	39.08 3.13 0.00	42.14 3.13 0.00	42.60 3.66 0.00	62.33 6.04 0.00	151.35 14.90 0.00	80.46 7.78 0.00	105.13 11.66 0.00	83.03 8.91 0.00	98.31 10.19 0.00	96.63 10.24 0.00	69.87 7.59 0.00	137.98 14.84 0.00	116.16 12.23 0.00	59.72 5.81 0.00
RENSSELAER___COGEN 23796	25.60 0.40 0.00	22.34 0.52 0.00	21.13 0.48 0.00	17.51 0.39 0.00	17.43 0.35 0.00	19.55 0.42 0.00	26.14 0.53 0.00	27.20 0.46 -1.90	30.72 0.52 -0.06	30.68 0.33 -1.08	36.06 0.11 0.00	39.08 0.07 0.00	38.96 0.02 0.00	55.94 -0.35 0.00	136.17 -0.28 0.00	72.69 0.02 0.00	93.63 0.17 0.00	74.28 0.16 0.00	88.46 0.34 0.00	86.86 0.46 0.00	62.60 0.33 0.00	124.14 0.99 0.00	104.90 0.97 0.00	54.45 0.53 0.00
REPUBLIC_115KV_BARTNBRK 55605	27.98 2.78 0.00	24.25 2.42 0.00	22.78 2.13 0.00	18.76 1.64 0.00	18.68 1.60 0.00	20.99 1.86 0.00	28.09 2.49 0.00	29.40 2.75 -1.82	33.63 3.44 -0.05	33.33 3.02 -1.03	39.47 3.52 0.00	42.81 3.80 0.00	42.80 3.86 0.00	62.86 6.56 0.00	155.98 19.52 0.00	83.62 10.94 0.00	106.38 12.92 0.00	84.04 9.91 0.00	100.75 12.63 0.00	97.98 11.58 0.00	70.64 8.36 0.00	138.58 15.43 0.00	116.75 12.82 0.00	60.07 6.16 0.00

REVERE_CPPR_DRP 24186	25.90 0.71 0.00	22.36 0.54 0.00	21.14 0.49 0.00	17.56 0.44 0.00	17.47 0.39 0.00	19.61 0.48 0.00	26.30 0.70 0.00	25.55 0.71 0.00	31.05 0.90 0.00	30.23 0.96 0.00	37.31 1.36 0.00	40.47 1.46 0.00	40.76 1.67 -0.15	60.40 2.53 -1.58	144.57 6.11 -2.00	77.87 3.09 -2.10	99.29 4.20 -1.62	79.32 3.55 -1.64	94.56 4.53 -1.92	92.81 4.55 -1.86	67.47 3.40 -1.79	131.57 6.71 -1.71	110.25 5.25 -1.07	57.13 2.43 -0.79
REYNOLDS_115KV_TB3 80639	25.81 0.61 0.00	22.54 0.71 0.00	21.32 0.67 0.00	17.66 0.54 0.00	17.59 0.51 0.00	19.71 0.58 0.00	26.34 0.73 0.00	27.44 0.66 -1.95	30.99 0.79 -0.06	31.00 0.62 -1.10	36.39 0.44 0.00	39.42 0.41 0.00	39.24 0.30 0.00	56.40 0.11 0.00	137.42 0.97 0.00	73.33 0.65 0.00	94.44 0.97 0.00	74.92 0.79 0.00	89.34 1.22 0.00	87.71 1.32 0.00	63.25 0.97 0.00	125.31 2.16 0.00	105.78 1.85 0.00	54.92 1.01 0.00
RIVERBAY____ 323610	26.67 1.48 0.00	23.31 1.48 0.00	21.97 1.33 0.00	18.20 1.09 0.00	18.07 0.99 0.00	20.25 1.12 0.00	27.13 1.53 0.00	34.62 1.54 -8.24	32.23 1.84 -0.24	35.67 1.74 -4.66	38.01 2.06 0.00	41.34 2.33 0.00	41.49 2.55 0.00	59.29 3.00 0.00	143.72 7.26 0.00	76.43 3.75 0.00	98.59 5.12 0.00	77.98 3.86 0.00	92.21 4.10 0.00	90.30 3.91 0.00	64.80 2.53 0.00	128.68 5.53 0.00	108.36 4.43 0.00	56.21 2.29 0.00
RIVERSDE_115KV_TB3 55908	25.74 0.54 0.00	22.46 0.64 0.00	21.25 0.60 0.00	17.61 0.49 0.00	17.53 0.45 0.00	19.65 0.53 0.00	26.27 0.67 0.00	27.36 0.60 -1.92	30.92 0.72 -0.06	30.91 0.56 -1.08	36.35 0.40 0.00	39.38 0.37 0.00	39.24 0.30 0.00	56.40 0.11 0.00	137.41 0.96 0.00	73.32 0.64 0.00	94.47 1.00 0.00	74.92 0.80 0.00	89.24 1.12 0.00	87.62 1.22 0.00	63.15 0.87 0.00	125.10 1.95 0.00	105.62 1.69 0.00	54.83 0.91 0.00
ROARING__BROOK_WT_PWR 323790	24.99 -0.20 0.00	21.46 -0.36 0.00	20.32 -0.33 0.00	16.92 -0.20 0.00	16.91 -0.17 0.00	18.92 -0.21 0.00	25.38 -0.22 0.00	24.72 -0.11 0.00	30.04 -0.11 0.00	29.16 -0.11 0.00	35.83 -0.12 0.00	38.91 -0.09 0.00	38.84 -0.10 0.00	56.16 -0.13 0.00	135.92 -0.54 0.00	72.31 -0.37 0.00	92.97 -0.50 0.00	73.85 -0.28 0.00	87.86 -0.26 0.00	86.14 -0.26 0.00	62.14 -0.14 0.00	122.88 -0.27 0.00	103.66 -0.27 0.00	53.77 -0.15 0.00
ROCHESRG_115KV_T4 355643	26.16 0.97 0.00	22.42 0.59 0.00	21.20 0.55 0.00	17.50 0.38 0.00	17.35 0.27 0.00	19.58 0.46 0.00	26.30 0.70 0.00	25.27 0.43 0.00	30.70 0.55 0.00	29.89 0.62 0.00	36.88 0.94 0.00	39.58 0.57 0.00	39.94 1.00 0.00	58.10 1.81 0.00	139.90 3.45 0.00	74.41 1.74 0.00	95.03 1.56 0.00	75.49 1.36 0.00	89.42 1.31 0.00	87.78 1.39 0.00	63.36 1.08 0.00	126.29 3.14 0.00	107.07 3.14 0.00	55.83 1.92 0.00
ROCHESTER_9_IC 23652	26.37 1.17 0.00	22.59 0.76 0.00	21.35 0.70 0.00	17.62 0.50 0.00	17.47 0.38 0.00	19.71 0.59 0.00	26.48 0.88 0.00	25.44 0.61 0.00	30.93 0.79 0.00	30.14 0.86 0.00	37.21 1.26 0.00	39.95 0.94 0.00	40.34 1.40 0.00	58.70 2.41 0.00	141.28 4.82 0.00	75.17 2.49 0.00	95.99 2.52 0.00	76.26 2.13 0.00	90.35 2.24 0.00	88.72 2.32 0.00	64.00 1.72 0.00	127.52 4.37 0.00	108.01 4.08 0.00	56.30 2.38 0.00
ROCKVIEW_13_KV_LD 356306	26.49 1.30 0.00	23.15 1.32 0.00	21.81 1.16 0.00	18.05 0.93 0.00	17.94 0.86 0.00	20.09 0.96 0.00	26.87 1.27 0.00	34.37 1.32 -8.21	32.02 1.63 -0.24	35.53 1.62 -4.64	37.81 1.86 0.00	41.13 2.12 0.00	41.06 2.12 0.00	58.78 2.48 0.00	142.83 6.37 0.00	76.40 3.72 0.00	98.40 4.94 0.00	77.98 3.85 0.00	92.31 4.19 0.00	90.13 3.73 0.00	64.69 2.42 0.00	128.39 5.24 0.00	108.13 4.20 0.00	56.06 2.14 0.00
ROME____115KV_TB2 80656	25.90 0.71 0.00	22.36 0.54 0.00	21.14 0.49 0.00	17.56 0.44 0.00	17.47 0.39 0.00	19.61 0.48 0.00	26.30 0.70 0.00	25.55 0.71 0.00	31.05 0.90 0.00	30.23 0.96 0.00	37.31 1.36 0.00	40.47 1.46 0.00	40.76 1.67 -0.15	60.40 2.53 -1.58	144.57 6.11 -2.00	77.87 3.09 -2.10	99.29 4.20 -1.62	79.32 3.55 -1.64	94.56 4.53 -1.92	92.81 4.55 -1.86	67.47 3.40 -1.79	131.57 6.71 -1.71	110.25 5.25 -1.07	57.13 2.43 -0.79
ROSETON__1 23587	26.14 0.95 0.00	22.84 1.02 0.00	21.55 0.91 0.00	17.84 0.72 0.00	17.74 0.65 0.00	19.86 0.73 0.00	26.54 0.94 0.00	25.80 0.97 0.00	31.31 1.17 0.00	30.40 1.12 0.00	37.20 1.25 0.00	40.40 1.40 0.00	40.28 1.34 0.00	57.73 1.44 0.00	140.27 3.81 0.00	74.98 2.30 0.00	96.59 3.12 0.00	76.56 2.43 0.00	90.79 2.68 0.00	88.76 2.37 0.00	63.83 1.55 0.00	126.74 3.60 0.00	106.95 3.02 0.00	55.49 1.57 0.00
ROSETON__2 23588	26.14 0.95 0.00	22.84 1.02 0.00	21.55 0.91 0.00	17.84 0.72 0.00	17.74 0.65 0.00	19.86 0.73 0.00	26.54 0.94 0.00	25.80 0.97 0.00	31.31 1.17 0.00	30.40 1.12 0.00	37.20 1.25 0.00	40.40 1.40 0.00	40.28 1.34 0.00	57.73 1.44 0.00	140.27 3.81 0.00	74.98 2.30 0.00	96.59 3.12 0.00	76.56 2.43 0.00	90.79 2.68 0.00	88.76 2.37 0.00	63.83 1.55 0.00	126.74 3.60 0.00	106.95 3.02 0.00	55.49 1.57 0.00
ROTTTRDAM_115KV_TB3 80664	26.09 0.90 0.00	22.71 0.89 0.00	21.48 0.83 0.00	17.78 0.66 0.00	17.71 0.63 0.00	19.85 0.72 0.00	26.55 0.95 0.00	27.50 0.91 -1.76	31.32 1.13 -0.05	31.29 1.02 -0.99	37.03 1.08 0.00	40.12 1.11 0.00	40.01 1.08 0.00	57.65 1.36 0.00	140.32 3.86 0.00	74.89 2.21 0.00	96.58 3.11 0.00	76.65 2.53 0.00	91.22 3.10 0.00	89.38 2.98 0.00	64.39 2.12 0.00	127.52 4.37 0.00	107.60 3.67 0.00	55.80 1.88 0.00
RUSSELL__1 23602	26.54 1.34 0.00	22.72 0.89 0.00	21.46 0.82 0.00	17.71 0.60 0.00	17.55 0.47 0.00	19.82 0.69 0.00	26.63 1.03 0.00	25.60 0.76 0.00	31.12 0.98 0.00	30.34 1.07 0.00	37.48 1.53 0.00	40.26 1.25 0.00	40.68 1.74 0.00	59.19 2.90 0.00	142.40 5.94 0.00	75.80 3.12 0.00	96.83 3.36 0.00	76.93 2.81 0.00	91.16 3.05 0.00	89.49 3.10 0.00	64.55 2.28 0.00	128.52 5.37 0.00	108.82 4.90 0.00	56.68 2.77 0.00
RUSSELL__2 23532	26.54 1.34 0.00	22.72 0.89 0.00	21.46 0.82 0.00	17.71 0.60 0.00	17.55 0.47 0.00	19.82 0.69 0.00	26.63 1.03 0.00	25.60 0.76 0.00	31.12 0.98 0.00	30.34 1.07 0.00	37.48 1.53 0.00	40.26 1.25 0.00	40.68 1.74 0.00	59.19 2.90 0.00	142.40 5.94 0.00	75.80 3.12 0.00	96.83 3.36 0.00	76.93 2.81 0.00	91.16 3.05 0.00	89.49 3.10 0.00	64.55 2.28 0.00	128.52 5.37 0.00	108.82 4.90 0.00	56.68 2.77 0.00
RUSSELL__3 23549	26.54 1.34 0.00	22.72 0.89 0.00	21.46 0.82 0.00	17.71 0.60 0.00	17.55 0.47 0.00	19.82 0.69 0.00	26.63 1.03 0.00	25.60 0.76 0.00	31.12 0.98 0.00	30.34 1.07 0.00	37.48 1.53 0.00	40.26 1.25 0.00	40.68 1.74 0.00	59.19 2.90 0.00	142.40 5.94 0.00	75.80 3.12 0.00	96.83 3.36 0.00	76.93 2.81 0.00	91.16 3.05 0.00	89.49 3.10 0.00	64.55 2.28 0.00	128.52 5.37 0.00	108.82 4.90 0.00	56.68 2.77 0.00

RUSSELL___4 23556	26.54 1.34 0.00	22.72 0.89 0.00	21.46 0.82 0.00	17.71 0.60 0.00	17.55 0.47 0.00	19.82 0.69 0.00	26.63 1.03 0.00	25.60 0.76 0.00	31.12 0.98 0.00	30.34 1.07 0.00	37.48 1.53 0.00	40.26 1.25 0.00	40.68 1.74 0.00	59.19 2.90 0.00	142.40 5.94 0.00	75.80 3.12 0.00	96.83 3.36 0.00	76.93 2.81 0.00	91.16 3.05 0.00	89.49 3.10 0.00	64.55 2.28 0.00	128.52 5.37 0.00	108.82 4.90 0.00	56.68 2.77 0.00
RUSSELL___STATION 23914	26.54 1.34 0.00	22.72 0.89 0.00	21.46 0.82 0.00	17.71 0.60 0.00	17.55 0.47 0.00	19.82 0.69 0.00	26.63 1.03 0.00	25.60 0.76 0.00	31.12 0.98 0.00	30.34 1.07 0.00	37.48 1.53 0.00	40.26 1.25 0.00	40.68 1.74 0.00	59.19 2.90 0.00	142.40 5.94 0.00	75.80 3.12 0.00	96.83 3.36 0.00	76.93 2.81 0.00	91.16 3.05 0.00	89.49 3.10 0.00	64.55 2.28 0.00	128.52 5.37 0.00	108.82 4.90 0.00	56.68 2.77 0.00
S SALMON___HYD 24043	24.94 -0.25 0.00	21.50 -0.33 0.00	20.37 -0.28 0.00	16.92 -0.20 0.00	16.87 -0.21 0.00	18.91 -0.22 0.00	25.38 -0.22 0.00	24.61 -0.22 0.00	29.81 -0.34 0.00	29.01 -0.27 0.00	35.72 -0.23 0.00	38.70 -0.31 0.00	39.51 -0.18 -0.76	63.79 -0.42 -7.92	145.07 -1.41 -10.03	82.25 -0.95 -10.52	100.35 -1.21 -8.09	81.85 -0.49 -8.21	97.48 -0.23 -9.59	95.62 -0.11 -9.33	71.46 0.21 -8.97	132.56 0.86 -8.55	109.99 0.69 -5.37	58.05 0.16 -3.97
S.PERRY___115KV_TB1 80734	27.31 2.12 0.00	23.37 1.55 0.00	22.06 1.41 0.00	18.18 1.06 0.00	17.95 0.87 0.00	20.06 0.94 0.00	26.73 1.13 0.00	25.58 0.75 0.00	30.83 0.69 0.00	29.96 0.68 0.00	36.74 0.79 0.00	38.77 -0.24 0.00	38.75 -0.19 0.00	55.79 -0.50 0.00	134.95 -1.51 0.00	71.67 -1.01 0.00	91.95 -1.51 0.00	73.43 -0.69 0.00	86.74 -1.38 0.00	85.83 -0.57 0.00	62.53 0.26 0.00	124.80 1.65 0.00	106.97 3.04 0.00	56.95 3.04 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.61 1.42 0.00	22.71 0.88 0.00	21.49 0.84 0.00	17.70 0.58 0.00	17.49 0.41 0.00	19.83 0.71 0.00	26.69 1.09 0.00	25.44 0.60 0.00	30.86 0.71 0.00	30.02 0.75 0.00	37.07 1.12 0.00	39.41 0.40 0.00	39.96 1.02 0.00	58.23 1.93 0.00	139.73 3.27 0.00	74.13 1.45 0.00	94.38 0.91 0.00	75.06 0.93 0.00	88.55 0.43 0.00	86.98 0.59 0.00	62.98 0.71 0.00	126.15 3.01 0.00	107.62 3.69 0.00	56.45 2.53 0.00
SAWYER___23_KV_LOAD 55526	26.61 1.42 0.00	22.71 0.88 0.00	21.49 0.84 0.00	17.70 0.58 0.00	17.49 0.41 0.00	19.83 0.71 0.00	26.69 1.09 0.00	25.44 0.60 0.00	30.86 0.71 0.00	30.02 0.75 0.00	37.07 1.12 0.00	39.41 0.40 0.00	39.96 1.02 0.00	58.23 1.93 0.00	139.73 3.27 0.00	74.13 1.45 0.00	94.38 0.91 0.00	75.06 0.93 0.00	88.55 0.43 0.00	86.98 0.59 0.00	62.98 0.71 0.00	126.15 3.01 0.00	107.62 3.69 0.00	56.45 2.53 0.00
SELKIRK___I 23801	25.96 0.77 0.00	22.63 0.81 0.00	21.42 0.77 0.00	17.76 0.64 0.00	17.67 0.59 0.00	19.84 0.72 0.00	26.53 0.93 0.00	27.35 0.85 -1.65	31.13 0.93 -0.05	30.92 0.71 -0.93	36.47 0.52 0.00	39.47 0.46 0.00	39.36 0.42 0.00	56.68 0.39 0.00	137.69 1.23 0.00	73.48 0.80 0.00	94.60 1.14 0.00	75.09 0.97 0.00	89.59 1.47 0.00	88.06 1.66 0.00	63.52 1.25 0.00	125.42 2.27 0.00	106.10 2.17 0.00	55.12 1.21 0.00
SELKIRK___II 23799	25.74 0.55 0.00	22.46 0.63 0.00	21.24 0.59 0.00	17.60 0.48 0.00	17.52 0.44 0.00	19.65 0.52 0.00	26.26 0.66 0.00	27.27 0.60 -1.83	30.85 0.66 -0.05	30.73 0.42 -1.04	36.12 0.17 0.00	39.12 0.10 0.00	38.97 0.03 0.00	56.00 -0.29 0.00	136.21 -0.25 0.00	72.75 0.07 0.00	93.59 0.13 0.00	74.24 0.12 0.00	88.45 0.33 0.00	86.86 0.46 0.00	62.63 0.36 0.00	124.22 1.07 0.00	105.29 1.37 0.00	54.75 0.83 0.00
SENECA OSWGO___HYD 24041	24.88 -0.31 0.00	21.53 -0.30 0.00	20.38 -0.27 0.00	16.90 -0.22 0.00	16.84 -0.25 0.00	18.88 -0.25 0.00	25.26 -0.34 0.00	24.45 -0.39 0.00	29.66 -0.48 0.00	28.84 -0.44 0.00	35.47 -0.48 0.00	38.40 -0.61 0.00	39.59 -0.40 -1.06	66.80 -0.48 -10.99	148.88 -1.49 -13.91	86.38 -0.90 -14.60	103.40 -1.30 -11.23	84.65 -0.87 -11.39	100.41 -1.01 -13.31	98.25 -1.10 -12.95	74.03 -0.69 -12.44	133.79 -1.22 -11.87	110.35 -1.03 -7.46	58.84 -0.58 -5.51
SENECA___115KV_TB3 355854	26.82 1.63 0.00	22.90 1.08 0.00	21.65 1.01 0.00	17.82 0.71 0.00	17.63 0.54 0.00	19.98 0.86 0.00	26.88 1.28 0.00	25.68 0.85 0.00	31.21 1.07 0.00	30.42 1.14 0.00	37.60 1.65 0.00	40.01 1.00 0.00	40.59 1.65 0.00	59.15 2.86 0.00	142.07 5.62 0.00	75.40 2.72 0.00	96.08 2.61 0.00	76.34 2.22 0.00	90.07 1.95 0.00	88.37 1.98 0.00	64.01 1.73 0.00	127.92 4.77 0.00	108.99 5.06 0.00	57.04 3.13 0.00
SENECA___ENERGY 23797	25.66 0.46 0.00	22.17 0.34 0.00	20.93 0.29 0.00	17.32 0.21 0.00	17.23 0.15 0.00	19.39 0.27 0.00	26.01 0.41 0.00	25.14 0.31 0.00	30.52 0.37 0.00	29.71 0.43 0.00	36.61 0.67 0.00	39.49 0.48 0.00	40.20 0.83 -0.44	62.38 1.53 -4.56	145.61 3.39 -5.77	80.36 1.63 -6.06	100.04 1.92 -4.66	80.40 1.55 -4.73	95.51 1.88 -5.52	93.56 1.79 -5.37	68.79 1.36 -5.16	131.07 3.00 -4.92	109.53 2.51 -3.10	57.36 1.16 -2.28
SHOEMAKER___GT 23640	26.11 0.92 0.00	22.76 0.93 0.00	21.47 0.82 0.00	17.77 0.65 0.00	17.68 0.60 0.00	19.80 0.67 0.00	26.47 0.87 0.00	19.31 0.89 6.42	31.01 1.06 0.19	26.66 1.02 3.63	37.12 1.17 0.00	40.35 1.34 0.00	40.23 1.29 0.00	57.75 1.46 0.00	140.30 3.84 0.00	74.98 2.30 0.00	96.60 3.13 0.00	76.62 2.50 0.00	90.98 2.87 0.00	89.04 2.64 0.00	64.07 1.79 0.00	127.14 4.00 0.00	107.25 3.32 0.00	55.60 1.69 0.00
SHOEMAKR_138KV_BK 111 55601	26.08 0.89 0.00	22.74 0.92 0.00	21.45 0.80 0.00	17.75 0.64 0.00	17.66 0.58 0.00	19.78 0.65 0.00	26.44 0.84 0.00	19.62 0.87 6.08	30.99 1.03 0.18	26.83 0.99 3.44	37.10 1.15 0.00	40.33 1.32 0.00	40.23 1.29 0.00	57.73 1.44 0.00	140.28 3.82 0.00	74.95 2.27 0.00	96.53 3.06 0.00	76.55 2.42 0.00	90.86 2.75 0.00	88.89 2.50 0.00	63.97 1.69 0.00	126.93 3.78 0.00	107.07 3.15 0.00	55.52 1.61 0.00
SHOREHAM_IC_1 23715	26.67 1.48 0.00	23.24 1.42 0.00	22.07 1.42 0.00	18.46 1.35 0.00	18.33 1.25 0.00	20.32 1.20 0.00	26.96 1.36 0.00	34.46 1.46 -8.15	32.26 1.88 -0.24	35.78 1.90 -4.61	38.44 2.36 -0.13	44.47 3.05 -2.41	51.01 3.11 -8.97	59.39 2.97 -0.12	143.89 7.44 0.00	77.28 4.60 0.00	144.25 6.25 -44.54	231.66 4.19 -153.34	215.16 3.66 -123.38	119.75 4.15 -29.20	66.54 3.56 -0.71	128.36 5.22 0.00	105.50 1.57 0.00	56.75 2.83 0.00
SHOREHAM_IC_2 23716	26.67 1.48 0.00	23.24 1.42 0.00	22.07 1.42 0.00	18.46 1.35 0.00	18.33 1.25 0.00	20.32 1.20 0.00	26.96 1.36 0.00	34.46 1.46 -8.15	32.26 1.88 -0.24	35.78 1.90 -4.61	38.44 2.36 -0.13	44.47 3.05 -2.41	51.01 3.11 -8.97	59.39 2.97 -0.12	143.89 7.44 0.00	77.28 4.60 0.00	144.25 6.25 -44.54	231.66 4.19 -153.34	215.16 3.66 -123.38	119.75 4.15 -29.20	66.54 3.56 -0.71	128.36 5.22 0.00	105.50 1.57 0.00	56.75 2.83 0.00

SISSONVILLE____ 23735	24.93 -0.27 0.00	21.41 -0.41 0.00	20.28 -0.37 0.00	16.83 -0.29 0.00	16.77 -0.31 0.00	18.57 -0.56 0.00	24.91 -0.69 0.00	24.30 -0.53 0.00	29.49 -0.65 0.00	28.57 -0.70 0.00	35.30 -0.64 0.00	38.60 -0.41 0.00	38.64 -0.41 -0.11	57.04 -0.40 -1.15	136.06 -1.86 -1.46	72.82 -1.39 -1.53	93.03 -1.61 -1.17	74.28 -1.04 -1.19	88.35 -1.16 -1.39	86.82 -0.93 -1.35	63.12 -0.46 -1.30	123.41 -0.98 -1.24	104.34 -0.37 -0.78	54.54 0.05 -0.58
SITHE_IND_GS1 24169	24.54 -0.65 0.00	21.23 -0.59 0.00	20.10 -0.55 0.00	16.69 -0.43 0.00	16.62 -0.46 0.00	18.63 -0.50 0.00	24.90 -0.70 0.00	24.12 -0.72 0.00	29.27 -0.87 0.00	28.46 -0.82 0.00	34.98 -0.97 0.00	37.89 -1.12 0.00	34.91 -0.98 3.04	23.30 -1.34 31.65	92.95 -3.42 40.09	28.73 -1.87 42.07	58.60 -2.50 32.36	39.37 -1.93 32.83	47.48 -2.29 38.34	46.81 -2.28 37.30	24.80 -1.62 35.85	85.89 -3.06 34.20	79.89 -2.56 21.48	36.73 -1.32 15.87
SITHE_IND_GS2 24170	24.54 -0.65 0.00	21.23 -0.59 0.00	20.10 -0.55 0.00	16.69 -0.43 0.00	16.62 -0.46 0.00	18.63 -0.50 0.00	24.90 -0.70 0.00	24.12 -0.72 0.00	29.27 -0.87 0.00	28.46 -0.82 0.00	34.98 -0.97 0.00	37.89 -1.12 0.00	34.91 -0.98 3.04	23.30 -1.34 31.65	92.95 -3.42 40.09	28.73 -1.87 42.07	58.60 -2.50 32.36	39.37 -1.93 32.83	47.48 -2.29 38.34	46.81 -2.28 37.30	24.80 -1.62 35.85	85.89 -3.06 34.20	79.89 -2.56 21.48	36.73 -1.32 15.87
SITHE_IND_GS3 24171	24.54 -0.65 0.00	21.23 -0.59 0.00	20.10 -0.55 0.00	16.69 -0.43 0.00	16.62 -0.46 0.00	18.63 -0.50 0.00	24.90 -0.70 0.00	24.12 -0.72 0.00	29.27 -0.87 0.00	28.46 -0.82 0.00	34.98 -0.97 0.00	37.89 -1.12 0.00	34.91 -0.98 3.04	23.30 -1.34 31.65	92.95 -3.42 40.09	28.73 -1.87 42.07	58.60 -2.50 32.36	39.37 -1.93 32.83	47.48 -2.29 38.34	46.81 -2.28 37.30	24.80 -1.62 35.85	85.89 -3.06 34.20	79.89 -2.56 21.48	36.73 -1.32 15.87
SITHE_IND_GS4 24172	24.54 -0.65 0.00	21.23 -0.59 0.00	20.10 -0.55 0.00	16.69 -0.43 0.00	16.62 -0.46 0.00	18.63 -0.50 0.00	24.90 -0.70 0.00	24.12 -0.72 0.00	29.27 -0.87 0.00	28.46 -0.82 0.00	34.98 -0.97 0.00	37.89 -1.12 0.00	34.91 -0.98 3.04	23.30 -1.34 31.65	92.95 -3.42 40.09	28.73 -1.87 42.07	58.60 -2.50 32.36	39.37 -1.93 32.83	47.48 -2.29 38.34	46.81 -2.28 37.30	24.80 -1.62 35.85	85.89 -3.06 34.20	79.89 -2.56 21.48	36.73 -1.32 15.87
SITHE____BATAVIA 24024	27.17 1.97 0.00	23.17 1.35 0.00	21.90 1.25 0.00	18.03 0.91 0.00	17.83 0.75 0.00	20.20 1.07 0.00	27.16 1.56 0.00	25.97 1.14 0.00	31.48 1.34 0.00	30.63 1.36 0.00	37.83 1.89 0.00	40.39 1.38 0.00	41.01 2.07 0.00	59.70 3.41 0.00	143.75 7.29 0.00	76.31 3.63 0.00	97.09 3.63 0.00	77.27 3.14 0.00	91.60 3.48 0.00	90.34 3.95 0.00	65.36 3.09 0.00	130.55 7.41 0.00	110.95 7.02 0.00	57.86 3.94 0.00
SITHE____INDEPEND 23800	24.54 -0.65 0.00	21.23 -0.60 0.00	20.10 -0.55 0.00	16.68 -0.43 0.00	16.62 -0.46 0.00	18.63 -0.50 0.00	24.90 -0.70 0.00	24.12 -0.71 0.00	29.27 -0.87 0.00	28.46 -0.82 0.00	34.98 -0.97 0.00	37.89 -1.12 0.00	34.91 -0.98 3.04	23.32 -1.32 31.65	92.94 -3.43 40.09	28.74 -1.87 42.07	58.59 -2.51 32.36	39.37 -1.93 32.83	47.49 -2.29 38.34	46.81 -2.28 37.30	24.80 -1.63 35.85	85.88 -3.06 34.20	79.88 -2.56 21.48	36.73 -1.32 15.87
SITHE____MASSENA 23902	25.07 -0.12 0.00	21.60 -0.23 0.00	20.45 -0.19 0.00	16.96 -0.16 0.00	16.97 -0.11 0.00	18.97 -0.16 0.00	25.45 -0.15 0.00	24.77 -0.06 0.00	30.05 -0.10 0.00	29.13 -0.14 0.00	35.88 -0.07 0.00	39.08 0.07 0.00	39.04 0.10 0.00	56.68 0.39 0.00	137.09 0.63 0.00	72.70 0.03 0.00	93.51 0.04 0.00	74.22 0.09 0.00	88.08 -0.04 0.00	86.48 0.09 0.00	62.47 0.19 0.00	123.35 0.20 0.00	104.13 0.20 0.00	54.01 0.10 0.00
SITHE____OGDNSBRG 24021	25.38 0.19 0.00	21.82 -0.01 0.00	20.66 0.01 0.00	17.13 0.02 0.00	17.13 0.04 0.00	19.09 -0.04 0.00	25.66 0.06 0.00	24.98 0.14 0.00	30.28 0.14 0.00	29.36 0.09 0.00	36.23 0.29 0.00	39.54 0.52 0.00	39.56 0.62 0.00	57.56 1.27 0.00	138.95 2.49 0.00	73.35 0.67 0.00	94.47 1.00 0.00	75.05 0.92 0.00	89.20 1.08 0.00	87.79 1.40 0.00	63.52 1.25 0.00	125.49 2.35 0.00	106.11 2.19 0.00	55.03 1.12 0.00
SITHE____STERLING 23777	25.78 0.58 0.00	22.30 0.47 0.00	21.08 0.43 0.00	17.47 0.35 0.00	17.39 0.31 0.00	19.52 0.39 0.00	26.17 0.56 0.00	25.38 0.55 0.00	30.82 0.68 0.00	30.01 0.74 0.00	37.00 1.05 0.00	40.12 1.11 0.00	40.45 1.34 -0.17	60.07 2.03 -1.76	143.57 4.89 -2.22	77.45 2.44 -2.33	98.54 3.28 -1.80	78.65 2.70 -1.82	93.63 3.39 -2.13	91.86 3.40 -2.07	66.84 2.58 -1.99	130.14 5.09 -1.90	109.11 3.98 -1.19	56.62 1.83 -0.88
SLEIGHT__34_KV_TB1 80719	26.01 0.81 0.00	22.42 0.60 0.00	21.21 0.56 0.00	17.58 0.46 0.00	17.50 0.41 0.00	19.70 0.58 0.00	26.39 0.79 0.00	25.59 0.76 0.00	31.12 0.97 0.00	30.25 0.98 0.00	37.33 1.39 0.00	40.43 1.42 0.00	41.16 1.87 -0.35	63.11 3.13 -3.68	148.36 7.24 -4.66	81.06 3.49 -4.89	101.36 4.13 -3.76	81.33 3.39 -3.82	96.49 3.92 -4.46	94.65 3.92 -4.34	69.28 2.84 -4.17	132.89 5.77 -3.97	110.88 4.45 -2.50	58.03 2.27 -1.85
SOUTH CAIRO____GT 23612	27.22 2.02 0.00	23.65 1.83 0.00	22.34 1.69 0.00	18.50 1.38 0.00	18.41 1.33 0.00	20.72 1.59 0.00	27.78 2.18 0.00	28.23 2.11 -1.29	32.49 2.31 -0.04	31.90 1.90 -0.73	37.87 1.93 0.00	40.94 1.93 0.00	41.14 2.21 0.00	59.76 3.46 0.00	144.03 7.58 0.00	76.97 4.30 0.00	99.58 6.12 0.00	79.61 5.49 0.00	95.92 7.80 0.00	94.59 8.19 0.00	68.30 6.03 0.00	131.93 8.79 0.00	111.13 7.21 0.00	57.42 3.50 0.00
SOUTH HAMPTN____IC 23720	27.29 2.10 0.00	23.75 1.92 0.00	22.52 1.88 0.00	18.81 1.70 0.00	18.69 1.61 0.00	20.73 1.61 0.00	27.56 1.96 0.00	35.06 2.07 -8.15	33.05 2.67 -0.24	36.63 2.74 -4.61	39.48 3.40 -0.13	45.65 4.23 -2.41	52.21 4.31 -8.97	61.15 4.75 -0.11	148.21 11.75 0.00	79.59 6.91 0.00	143.52 9.34 -40.71	221.91 7.40 -140.39	206.45 7.84 -110.49	118.79 7.41 -24.98	68.30 5.38 -0.65	132.50 9.35 0.00	110.06 6.12 0.00	58.23 4.32 0.00
SOUTHDOW_115KV_TB1 355954	27.40 2.21 0.00	23.47 1.64 0.00	22.11 1.46 0.00	18.15 1.04 0.00	18.00 0.92 0.00	20.41 1.29 0.00	27.19 1.59 0.00	26.07 1.23 0.00	31.81 1.67 0.00	31.32 2.05 0.00	39.04 3.10 0.00	41.61 2.60 0.00	42.17 3.24 0.00	61.40 5.10 0.00	147.76 11.31 0.00	78.32 5.64 0.00	99.76 6.30 0.00	78.92 4.80 0.00	93.05 4.93 0.00	91.03 4.63 0.00	66.10 3.82 0.00	131.92 8.77 0.00	112.09 8.16 0.00	58.27 4.36 0.00
SOUTHOLD_69_KV_BK 2 55809	27.98 2.78 0.00	24.33 2.50 0.00	23.04 2.40 0.00	19.23 2.11 0.00	19.11 2.02 0.00	21.21 2.08 0.00	28.22 2.62 0.00	35.75 2.76 -8.15	33.95 3.57 -0.24	37.38 3.50 -4.61	39.90 3.82 -0.13	46.15 4.73 -2.41	52.70 4.79 -8.97	62.00 5.60 -0.11	150.45 13.99 0.00	80.70 8.02 0.00	145.15 10.91 -40.77	223.46 8.73 -140.61	208.24 9.40 -110.72	120.30 8.84 -25.07	69.90 6.98 -0.64	136.51 13.36 0.00	113.40 9.47 0.00	59.96 6.04 0.00

SOUTHOLD___IC 23719	27.98 2.79 0.00	24.31 2.48 0.00	23.03 2.39 0.00	19.23 2.11 0.00	19.11 2.02 0.00	21.21 2.08 0.00	28.23 2.63 0.00	35.75 2.76 -8.15	33.95 3.57 -0.24	37.38 3.49 -4.61	39.90 3.82 -0.13	46.15 4.72 -2.41	52.70 4.79 -8.97	62.01 5.61 -0.11	150.45 13.99 0.00	80.71 8.03 0.00	145.17 10.93 -40.77	223.47 8.74 -140.61	208.25 9.41 -110.72	120.30 8.84 -25.07	69.91 6.99 -0.65	136.52 13.37 0.00	113.41 9.48 0.00	59.96 6.04 0.00
SPIERFLS_115KV_TB 1 80737	26.47 1.27 0.00	23.00 1.18 0.00	21.70 1.05 0.00	17.92 0.81 0.00	17.86 0.78 0.00	20.03 0.90 0.00	26.83 1.23 0.00	27.92 1.27 -1.81	31.87 1.67 -0.05	31.77 1.47 -1.03	37.45 1.50 0.00	40.48 1.47 0.00	40.36 1.43 0.00	58.35 2.06 0.00	143.07 6.61 0.00	76.44 3.76 0.00	98.63 5.16 0.00	78.23 4.11 0.00	93.82 5.70 0.00	91.77 5.37 0.00	66.14 3.86 0.00	131.25 8.10 0.00	110.43 6.50 0.00	57.03 3.12 0.00
ST LAWRENCE____ 23600	24.80 -0.39 0.00	21.38 -0.44 0.00	20.25 -0.40 0.00	16.79 -0.32 0.00	16.82 -0.26 0.00	18.81 -0.32 0.00	25.24 -0.36 0.00	24.56 -0.28 0.00	29.79 -0.35 0.00	28.89 -0.38 0.00	35.54 -0.40 0.00	38.71 -0.30 0.00	38.62 -0.32 0.00	56.05 -0.24 0.00	135.67 -0.79 0.00	72.01 -0.67 0.00	92.62 -0.85 0.00	73.47 -0.65 0.00	87.22 -0.90 0.00	85.61 -0.79 0.00	61.80 -0.48 0.00	122.01 -1.14 0.00	102.93 -1.00 0.00	53.35 -0.56 0.00
STATE_CA_115KV_115_LB 55624	25.77 0.57 0.00	22.48 0.66 0.00	21.25 0.61 0.00	17.61 0.49 0.00	17.54 0.45 0.00	19.67 0.54 0.00	26.30 0.70 0.00	27.36 0.64 -1.88	30.98 0.78 -0.06	30.96 0.62 -1.06	36.47 0.52 0.00	39.54 0.53 0.00	39.43 0.49 0.00	56.73 0.43 0.00	138.10 1.65 0.00	73.69 1.01 0.00	94.96 1.49 0.00	75.31 1.19 0.00	89.59 1.48 0.00	87.92 1.53 0.00	63.35 1.08 0.00	125.50 2.36 0.00	105.92 1.99 0.00	54.96 1.04 0.00
STATE_ST_34_KV_LOAD 55959	25.77 0.57 0.00	22.29 0.46 0.00	21.07 0.42 0.00	17.49 0.37 0.00	17.46 0.37 0.00	19.62 0.50 0.00	26.27 0.67 0.00	25.44 0.60 0.00	30.87 0.73 0.00	29.93 0.66 0.00	36.78 0.83 0.00	39.97 0.95 0.00	40.48 1.02 -0.52	63.50 1.74 -5.46	147.63 4.26 -6.92	82.30 2.36 -7.26	101.82 2.77 -5.59	81.99 2.20 -5.67	97.42 2.68 -6.62	95.60 2.76 -6.44	70.56 2.10 -6.19	133.44 4.39 -5.90	110.85 3.22 -3.71	58.33 1.67 -2.74
STATION 5_MISC_HYD 23604	26.37 1.17 0.00	22.59 0.76 0.00	21.34 0.70 0.00	17.62 0.50 0.00	17.47 0.38 0.00	19.71 0.58 0.00	26.48 0.88 0.00	25.44 0.61 0.00	30.93 0.79 0.00	30.14 0.86 0.00	37.20 1.25 0.00	39.95 0.94 0.00	40.34 1.41 0.00	58.65 2.35 0.00	141.17 4.72 0.00	75.16 2.48 0.00	95.98 2.51 0.00	76.24 2.12 0.00	90.35 2.32 0.00	88.72 2.32 0.00	63.99 1.72 0.00	127.52 4.37 0.00	108.01 4.09 0.00	56.30 2.38 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.11 0.91 0.00	22.44 0.61 0.00	21.19 0.54 0.00	17.52 0.40 0.00	17.39 0.31 0.00	19.62 0.49 0.00	26.35 0.75 0.00	25.42 0.58 0.00	30.93 0.79 0.00	30.16 0.89 0.00	37.24 1.29 0.00	40.11 1.10 0.00	40.63 1.58 -0.11	60.12 2.68 -1.15	143.80 5.89 -1.46	77.16 2.96 -1.53	98.11 3.47 -1.17	78.12 2.80 -1.19	92.68 3.17 -1.39	90.91 3.16 -1.35	65.83 2.26 -1.30	129.38 4.99 -1.24	109.04 4.33 -0.78	56.79 2.30 -0.58
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.14 0.95 0.00	22.40 0.57 0.00	21.17 0.52 0.00	17.48 0.37 0.00	17.33 0.25 0.00	19.56 0.43 0.00	26.27 0.67 0.00	25.27 0.44 0.00	30.73 0.59 0.00	29.96 0.68 0.00	37.00 1.05 0.00	39.76 0.75 0.00	40.17 1.23 0.00	58.45 2.16 0.00	140.74 4.29 0.00	74.87 2.19 0.00	95.70 2.23 0.00	75.99 1.87 0.00	90.09 2.23 0.00	88.39 1.99 0.00	63.71 1.44 0.00	126.86 3.71 0.00	107.37 3.44 0.00	55.90 1.99 0.00
STA_56___34_KV_BUS2 355983	26.14 0.95 0.00	22.40 0.57 0.00	21.17 0.52 0.00	17.48 0.37 0.00	17.33 0.25 0.00	19.56 0.43 0.00	26.27 0.67 0.00	25.27 0.44 0.00	30.73 0.59 0.00	29.96 0.68 0.00	37.00 1.05 0.00	39.76 0.75 0.00	40.17 1.23 0.00	58.45 2.16 0.00	140.74 4.29 0.00	74.87 2.19 0.00	95.70 2.23 0.00	75.99 1.87 0.00	90.09 2.23 0.00	88.39 1.99 0.00	63.71 1.44 0.00	126.86 3.71 0.00	107.37 3.44 0.00	55.90 1.99 0.00
STA_67___115KV_BK2 355882	26.29 1.10 0.00	22.52 0.70 0.00	21.29 0.64 0.00	17.58 0.46 0.00	17.42 0.34 0.00	19.66 0.54 0.00	26.41 0.81 0.00	25.38 0.54 0.00	30.84 0.70 0.00	30.04 0.77 0.00	37.08 1.13 0.00	39.81 0.80 0.00	40.19 1.25 0.00	58.48 2.18 0.00	140.75 4.30 0.00	74.88 2.20 0.00	95.63 2.17 0.00	75.97 1.85 0.00	90.02 1.90 0.00	88.37 1.97 0.00	63.77 1.50 0.00	127.08 3.93 0.00	107.70 3.77 0.00	56.12 2.20 0.00
STA_7___115KV_9TRANS 80674	26.54 1.34 0.00	22.72 0.89 0.00	21.46 0.82 0.00	17.71 0.60 0.00	17.55 0.47 0.00	19.82 0.69 0.00	26.63 1.03 0.00	25.60 0.76 0.00	31.12 0.98 0.00	30.34 1.07 0.00	37.48 1.53 0.00	40.26 1.25 0.00	40.68 1.74 0.00	59.19 2.90 0.00	142.40 5.94 0.00	75.80 3.12 0.00	96.83 3.36 0.00	76.93 2.81 0.00	91.16 3.05 0.00	89.49 3.10 0.00	64.55 2.28 0.00	128.52 5.37 0.00	108.82 4.90 0.00	56.68 2.77 0.00
STA_82___115KV_TB1 80780	26.32 1.12 0.00	22.54 0.72 0.00	21.31 0.66 0.00	17.59 0.48 0.00	17.44 0.35 0.00	19.68 0.55 0.00	26.44 0.84 0.00	25.40 0.56 0.00	30.87 0.73 0.00	30.07 0.79 0.00	37.11 1.16 0.00	39.84 0.83 0.00	40.22 1.28 0.00	58.51 2.21 0.00	140.87 4.42 0.00	74.95 2.27 0.00	95.71 2.24 0.00	76.03 1.91 0.00	90.11 1.99 0.00	88.46 2.07 0.00	63.83 1.56 0.00	127.18 4.03 0.00	107.80 3.87 0.00	56.17 2.26 0.00
STEEL___WIND 323596	26.80 1.60 0.00	22.89 1.06 0.00	21.64 1.00 0.00	17.81 0.69 0.00	17.61 0.53 0.00	19.97 0.84 0.00	26.86 1.26 0.00	25.65 0.82 0.00	31.18 1.04 0.00	30.38 1.10 0.00	37.54 1.59 0.00	39.94 0.93 0.00	40.53 1.59 0.00	58.98 2.68 0.00	141.73 5.27 0.00	75.26 2.58 0.00	95.91 2.45 0.00	76.24 2.11 0.00	89.92 1.80 0.00	88.26 1.87 0.00	63.91 1.64 0.00	127.73 4.58 0.00	108.85 4.92 0.00	56.97 3.06 0.00
STEPHTWN_115KV_BK_2 55603	25.83 0.64 0.00	22.53 0.71 0.00	21.32 0.67 0.00	17.64 0.53 0.00	17.56 0.48 0.00	19.74 0.61 0.00	26.44 0.83 0.00	27.57 0.83 -1.90	31.21 1.01 -0.06	31.15 0.80 -1.08	36.69 0.75 0.00	39.75 0.74 0.00	39.68 0.74 0.00	57.22 0.93 0.00	138.86 2.41 0.00	74.12 1.44 0.00	95.34 1.87 0.00	75.89 1.77 0.00	90.24 2.12 0.00	88.43 2.03 0.00	63.63 1.35 0.00	126.15 3.00 0.00	106.27 2.34 0.00	55.09 1.18 0.00
STEUBEN_REC_LFGE 323667	26.83 1.64 0.00	23.04 1.22 0.00	21.73 1.08 0.00	17.88 0.76 0.00	17.73 0.65 0.00	20.06 0.93 0.00	26.91 1.31 0.00	25.87 1.03 0.00	31.47 1.33 0.00	30.73 1.46 0.00	37.93 1.98 0.00	40.57 1.56 0.00	41.21 2.12 -0.15	61.41 3.51 -1.61	145.91 7.41 -2.04	78.53 3.71 -2.14	99.23 4.12 -1.65	79.22 3.42 -1.67	93.62 3.56 -1.95	91.81 3.52 -1.90	66.85 2.75 -1.83	131.20 6.31 -1.74	110.99 5.97 -1.09	57.90 3.18 -0.81

STONY___BROOK 24151	26.91 1.72 0.00	23.45 1.63 0.00	22.24 1.59 0.00	18.52 1.40 0.00	18.40 1.32 0.00	20.45 1.32 0.00	27.20 1.60 0.00	34.68 1.68 -8.15	32.53 2.14 -0.24	36.13 2.24 -4.61	38.93 2.85 -0.13	45.01 3.58 -2.41	51.45 3.54 -8.97	59.70 3.23 -0.18	144.36 7.90 0.00	77.55 4.86 -0.01	163.87 6.63 -63.77	298.03 5.42 -218.48	280.51 5.59 -186.81	141.01 5.17 -49.44	66.95 3.67 -1.01	129.41 6.26 0.00	107.85 3.92 0.00	57.12 3.21 0.00
STURGEON_POOL_HYD 23609	26.12 0.93 0.00	22.82 1.00 0.00	21.52 0.87 0.00	17.80 0.69 0.00	17.70 0.62 0.00	19.81 0.68 0.00	26.45 0.85 0.00	25.73 0.89 0.00	31.27 1.13 0.00	30.42 1.15 0.00	37.32 1.38 0.00	40.58 1.57 0.00	40.48 1.54 0.00	57.98 1.69 0.00	140.88 4.42 0.00	75.40 2.72 0.00	97.25 3.78 0.00	76.99 2.87 0.00	91.09 2.98 0.00	88.98 2.58 0.00	63.87 1.60 0.00	126.95 3.80 0.00	107.13 3.20 0.00	55.59 1.68 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	26.12 0.93 0.00	22.80 0.98 0.00	21.50 0.85 0.00	17.79 0.67 0.00	17.69 0.61 0.00	19.81 0.68 0.00	26.46 0.86 0.00	18.20 0.90 7.54	31.00 1.08 0.22	26.06 1.05 4.26	37.21 1.26 0.00	40.48 1.47 0.00	40.45 1.51 0.00	58.03 1.74 0.00	140.94 4.48 0.00	75.24 2.56 0.00	96.86 3.39 0.00	76.77 2.64 0.00	91.00 2.89 0.00	88.97 2.57 0.00	63.96 1.69 0.00	127.03 3.88 0.00	107.13 3.20 0.00	55.52 1.61 0.00
SWANROAD_115KV_TB1 355699	26.23 1.04 0.00	22.34 0.51 0.00	21.15 0.51 0.00	17.42 0.30 0.00	17.20 0.11 0.00	19.51 0.39 0.00	26.23 0.63 0.00	24.93 0.10 0.00	30.17 0.02 0.00	29.32 0.04 0.00	36.18 0.23 0.00	38.40 -0.61 0.00	38.95 0.02 0.00	56.71 0.42 0.00	135.83 -0.62 0.00	72.07 -0.61 0.00	91.62 -1.85 0.00	72.97 -1.15 0.00	86.08 -2.03 0.00	84.71 -1.68 0.00	61.37 -0.90 0.00	123.08 -0.07 0.00	105.40 1.47 0.00	55.40 1.48 0.00
SYNERGY___BIOGAS 323694	27.17 1.97 0.00	23.17 1.35 0.00	21.90 1.25 0.00	18.03 0.91 0.00	17.83 0.75 0.00	20.20 1.07 0.00	27.16 1.56 0.00	25.97 1.14 0.00	31.48 1.34 0.00	30.63 1.36 0.00	37.83 1.89 0.00	40.39 1.38 0.00	41.01 2.07 0.00	59.70 3.41 0.00	143.75 7.29 0.00	76.31 3.63 0.00	97.09 3.63 0.00	77.27 3.14 0.00	91.60 3.48 0.00	90.34 3.95 0.00	65.36 3.09 0.00	130.55 7.41 0.00	110.95 7.02 0.00	57.86 3.94 0.00
SYRACUSE___ENERGY_ST1 323597	25.22 0.03 0.00	21.81 -0.01 0.00	20.63 -0.01 0.00	17.12 0.00 0.00	17.05 -0.03 0.00	19.14 0.02 0.00	25.60 0.00 0.00	24.81 -0.02 0.00	30.13 -0.01 0.00	29.27 0.00 0.00	36.00 0.05 0.00	38.98 -0.03 0.00	39.82 0.29 -0.59	63.14 0.73 -6.12	145.26 1.05 -7.75	81.04 0.23 -8.13	99.78 0.05 -6.25	80.55 0.08 -6.35	95.65 0.12 -7.41	93.70 0.09 -7.21	69.30 0.09 -6.93	130.14 0.39 -6.61	108.53 0.45 -4.15	57.27 0.29 -3.07
SYRACUSE___ENERGY_ST2 323598	25.22 0.03 0.00	21.81 -0.01 0.00	20.63 -0.01 0.00	17.12 0.00 0.00	17.05 -0.03 0.00	19.14 0.02 0.00	25.60 0.00 0.00	24.81 -0.02 0.00	30.13 -0.01 0.00	29.27 0.00 0.00	36.00 0.05 0.00	38.98 -0.03 0.00	39.82 0.29 -0.59	63.14 0.73 -6.12	145.26 1.05 -7.75	81.04 0.23 -8.13	99.78 0.05 -6.25	80.55 0.08 -6.35	95.65 0.12 -7.41	93.70 0.09 -7.21	69.30 0.09 -6.93	130.14 0.39 -6.61	108.53 0.45 -4.15	57.27 0.29 -3.07
SYRACUSE___POWER 24017	25.24 0.05 0.00	21.83 0.00 0.00	20.64 0.00 0.00	17.11 -0.01 0.00	17.05 -0.04 0.00	19.13 0.00 0.00	25.60 0.00 0.00	24.81 -0.02 0.00	30.14 0.00 0.00	29.34 0.06 0.00	36.09 0.15 0.00	39.09 0.08 0.00	39.65 0.32 -0.39	60.92 0.62 -4.01	142.71 1.18 -5.08	78.52 0.51 -5.33	98.12 0.56 -4.10	78.79 0.51 -4.16	93.60 0.63 -4.86	91.67 0.55 -4.72	67.20 0.39 -4.54	128.37 0.89 -4.33	107.41 0.76 -2.72	56.27 0.35 -2.01
TALLMAN___138KV_BK151 55660	26.23 1.03 0.00	22.91 1.09 0.00	21.59 0.94 0.00	17.86 0.75 0.00	17.75 0.67 0.00	19.88 0.75 0.00	26.56 0.96 0.00	15.47 1.00 10.37	31.02 1.18 0.30	24.57 1.16 5.86	37.34 1.40 0.00	40.69 1.67 0.00	40.62 1.68 0.00	58.20 1.91 0.00	141.28 4.82 0.00	75.51 2.83 0.00	97.13 3.67 0.00	76.92 2.80 0.00	91.10 2.99 0.00	89.01 2.61 0.00	63.99 1.72 0.00	127.33 4.18 0.00	107.44 3.51 0.00	55.66 1.75 0.00
TEALLAVE_115KV_TB7 355573	25.11 -0.08 0.00	21.71 -0.12 0.00	20.54 -0.11 0.00	17.03 -0.09 0.00	16.96 -0.12 0.00	19.03 -0.10 0.00	25.46 -0.14 0.00	24.68 -0.16 0.00	29.99 -0.15 0.00	29.18 -0.09 0.00	35.92 -0.02 0.00	38.90 -0.11 0.00	39.35 0.10 -0.31	59.84 0.27 -3.28	140.98 0.38 -4.15	77.17 0.13 -4.36	96.87 0.05 -3.35	77.64 0.12 -3.40	92.19 0.11 -3.97	90.31 0.05 -3.86	66.02 0.03 -3.71	126.85 0.16 -3.54	106.27 0.11 -2.22	55.58 0.03 -1.64
TELGRAPH_34_KV_EAST 80808	26.77 1.57 0.00	22.80 0.97 0.00	21.57 0.93 0.00	17.77 0.65 0.00	17.55 0.47 0.00	19.90 0.77 0.00	26.73 1.13 0.00	25.46 0.62 0.00	30.83 0.69 0.00	30.00 0.72 0.00	37.05 1.11 0.00	39.43 0.42 0.00	40.03 1.09 0.00	58.37 2.07 0.00	140.02 3.56 0.00	74.18 1.51 0.00	94.41 0.94 0.00	75.11 0.99 0.00	88.76 0.64 0.00	87.33 0.94 0.00	63.24 0.97 0.00	126.60 3.45 0.00	108.00 4.07 0.00	56.55 2.63 0.00
TEMPLE___115KV_TB 2 55572	25.13 -0.06 0.00	21.73 -0.10 0.00	20.56 -0.09 0.00	17.04 -0.08 0.00	16.97 -0.11 0.00	19.05 -0.08 0.00	25.48 -0.12 0.00	24.70 -0.13 0.00	30.02 -0.12 0.00	29.22 -0.05 0.00	35.97 0.02 0.00	38.95 -0.06 0.00	39.40 0.15 -0.31	59.90 0.34 -3.28	141.13 0.52 -4.15	77.24 0.21 -4.36	96.97 0.15 -3.35	77.72 0.20 -3.40	92.29 0.20 -3.97	90.39 0.13 -3.86	66.06 0.08 -3.71	126.96 0.27 -3.54	106.37 0.22 -2.22	55.63 0.08 -1.64
TIANA___69_KV_BK 1 55817	27.13 1.94 0.00	23.63 1.80 0.00	22.41 1.77 0.00	18.72 1.60 0.00	18.58 1.50 0.00	20.62 1.50 0.00	27.39 1.79 0.00	34.90 1.91 -8.15	32.84 2.46 -0.24	36.40 2.52 -4.61	39.23 3.15 -0.13	45.38 3.96 -2.41	51.93 4.02 -8.97	60.69 4.29 -0.11	147.22 10.76 0.00	79.07 6.38 0.00	142.87 8.64 -40.76	221.53 6.84 -140.57	206.00 7.20 -110.68	118.29 6.84 -25.05	67.88 4.96 -0.64	131.76 8.61 0.00	109.41 5.48 0.00	57.86 3.95 0.00
TILDEN___115KV_TB1 80814	25.24 0.05 0.00	21.83 0.00 0.00	20.64 0.00 0.00	17.11 -0.01 0.00	17.05 -0.04 0.00	19.13 0.00 0.00	25.60 0.00 0.00	24.81 -0.02 0.00	30.14 0.00 0.00	29.34 0.06 0.00	36.09 0.15 0.00	39.09 0.08 0.00	39.65 0.32 -0.39	60.92 0.62 -4.01	142.71 1.18 -5.08	78.52 0.51 -5.33	98.12 0.56 -4.10	78.79 0.51 -4.16	93.60 0.63 -4.86	91.67 0.55 -4.72	67.20 0.39 -4.54	128.37 0.89 -4.33	107.41 0.76 -2.72	56.27 0.35 -2.01
TRIGEN___CC 323695	26.58 1.39 0.00	23.22 1.39 0.00	21.94 1.30 0.00	18.20 1.09 0.00	18.09 1.01 0.00	20.18 1.05 0.00	26.84 1.24 0.00	34.29 1.30 -8.15	32.04 1.66 -0.24	35.54 1.66 -4.61	38.15 2.08 -0.13	43.88 2.46 -2.41	50.29 2.38 -8.97	58.63 2.33 0.00	142.69 6.24 0.00	76.46 3.78 0.00	98.59 5.13 0.00	78.94 4.10 -0.72	93.41 4.17 -1.13	90.17 3.78 0.00	64.80 2.52 0.00	128.20 5.05 0.00	107.63 3.70 0.00	56.29 2.37 0.00

TRINITY__115KV__4 BK 55933	25.65 0.46 0.00	22.39 0.57 0.00	21.17 0.53 0.00	17.54 0.43 0.00	17.47 0.39 0.00	19.59 0.47 0.00	26.19 0.59 0.00	27.26 0.53 -1.90	30.82 0.62 -0.06	30.80 0.45 -1.08	36.22 0.28 0.00	39.26 0.25 0.00	39.13 0.19 0.00	56.23 -0.06 0.00	136.92 0.47 0.00	73.10 0.42 0.00	94.15 0.69 0.00	74.69 0.57 0.00	88.94 0.83 0.00	87.31 0.91 0.00	62.93 0.66 0.00	124.66 1.52 0.00	105.28 1.35 0.00	54.66 0.74 0.00
UNION__PROCESSING_DRP 323587	26.33 1.13 0.00	22.55 0.72 0.00	21.32 0.67 0.00	17.60 0.48 0.00	17.45 0.36 0.00	19.69 0.56 0.00	26.45 0.85 0.00	25.42 0.58 0.00	30.88 0.74 0.00	30.08 0.81 0.00	37.13 1.18 0.00	39.85 0.85 0.00	40.24 1.31 0.00	58.54 2.25 0.00	140.99 4.54 0.00	74.99 2.32 0.00	95.78 2.32 0.00	76.08 1.96 0.00	90.16 2.04 0.00	88.53 2.13 0.00	63.87 1.60 0.00	127.27 4.13 0.00	107.84 3.91 0.00	56.20 2.29 0.00
UPPER HUDSON__HYD 24058	26.46 1.27 0.00	22.99 1.17 0.00	21.69 1.04 0.00	17.92 0.80 0.00	17.86 0.78 0.00	20.03 0.90 0.00	26.83 1.23 0.00	27.91 1.27 -1.81	31.86 1.67 -0.05	31.77 1.47 -1.03	37.45 1.50 0.00	40.48 1.47 0.00	40.36 1.43 0.00	58.36 2.07 0.00	143.06 6.61 0.00	76.44 3.76 0.00	98.62 5.16 0.00	78.24 4.11 0.00	93.83 5.71 0.00	91.77 5.37 0.00	66.14 3.86 0.00	131.25 8.10 0.00	110.43 6.50 0.00	57.03 3.12 0.00
UPPER RAQUET__HYD 24056	24.93 -0.27 0.00	21.41 -0.41 0.00	20.28 -0.37 0.00	16.83 -0.30 0.00	16.77 -0.31 0.00	18.57 -0.56 0.00	24.91 -0.69 0.00	24.30 -0.53 0.00	29.49 -0.65 0.00	28.57 -0.70 0.00	35.30 -0.64 0.00	38.60 -0.41 0.00	38.64 -0.41 -0.11	57.05 -0.39 -1.15	136.11 -1.80 -1.46	72.82 -1.38 -1.53	93.03 -1.61 -1.17	74.28 -1.04 -1.19	88.34 -1.16 -1.39	86.82 -0.93 -1.35	63.12 -0.45 -1.30	123.40 -0.98 -1.24	104.34 -0.37 -0.78	54.54 0.05 -0.58
VALLEY44_115KV_TB2 355964	26.50 1.31 0.00	22.77 0.95 0.00	21.45 0.80 0.00	17.63 0.51 0.00	17.48 0.40 0.00	19.81 0.68 0.00	26.58 0.98 0.00	25.46 0.63 0.00	31.05 0.90 0.00	30.35 1.07 0.00	37.40 1.45 0.00	39.75 0.74 0.00	40.07 1.13 0.00	58.25 1.95 0.00	139.90 3.44 0.00	74.37 1.69 0.00	94.46 1.00 0.00	74.80 0.68 0.00	88.09 -0.03 0.00	86.29 -0.10 0.00	62.67 0.40 0.00	125.76 2.61 0.00	106.95 3.02 0.00	55.78 1.86 0.00
VALLEY__115KV_TB 1-4 80826	25.11 -0.08 0.00	21.86 0.04 0.00	20.66 0.02 0.00	17.14 0.03 0.00	17.04 -0.04 0.00	19.13 0.00 0.00	25.59 -0.02 0.00	24.78 -0.05 0.00	30.08 -0.06 0.00	29.19 -0.09 0.00	35.74 -0.21 0.00	38.80 -0.21 0.00	38.86 -0.07 0.00	56.03 -0.27 0.00	136.03 -0.43 0.00	72.33 -0.35 0.00	93.50 0.04 0.00	74.21 0.08 0.00	88.30 0.18 0.00	86.63 0.23 0.00	62.43 0.15 0.00	123.70 0.55 0.00	104.16 0.23 0.00	53.89 -0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	26.23 1.03 0.00	22.74 0.92 0.00	21.50 0.85 0.00	17.76 0.64 0.00	17.71 0.63 0.00	19.86 0.73 0.00	26.61 1.01 0.00	25.82 0.99 0.00	31.40 1.25 0.00	30.53 1.25 0.00	37.47 1.53 0.00	40.67 1.66 0.00	40.66 1.61 -0.11	59.53 2.10 -1.13	143.02 5.13 -1.44	77.13 2.95 -1.51	98.50 3.88 -1.16	78.47 3.17 -1.17	93.16 3.68 -1.37	91.20 3.46 -1.33	66.01 2.46 -1.28	129.37 5.00 -1.22	108.99 4.29 -0.77	56.73 2.24 -0.57
VISCHER__FERRY HYD 24020	26.10 0.91 0.00	22.78 0.96 0.00	21.55 0.90 0.00	17.86 0.74 0.00	17.77 0.69 0.00	19.92 0.79 0.00	26.60 0.99 0.00	27.72 0.95 -1.93	31.38 1.18 -0.06	31.36 1.00 -1.09	36.85 0.90 0.00	39.87 0.86 0.00	39.69 0.75 0.00	57.20 0.91 0.00	139.56 3.11 0.00	74.40 1.72 0.00	95.88 2.42 0.00	76.06 1.94 0.00	90.86 2.74 0.00	89.23 2.83 0.00	64.36 2.09 0.00	127.45 4.30 0.00	107.46 3.53 0.00	55.73 1.82 0.00
V_A_10_SYNC_DSASP 323832	26.19 1.00 0.00	22.40 0.58 0.00	21.20 0.55 0.00	17.48 0.36 0.00	17.30 0.21 0.00	19.58 0.45 0.00	26.32 0.72 0.00	25.14 0.30 0.00	30.49 0.35 0.00	29.65 0.38 0.00	36.57 0.63 0.00	38.99 -0.01 0.00	39.40 0.46 0.00	57.38 1.08 0.00	137.74 1.28 0.00	73.12 0.44 0.00	93.02 -0.45 0.00	73.97 -0.16 0.00	87.38 -0.73 0.00	85.85 -0.55 0.00	62.07 -0.20 0.00	124.46 1.31 0.00	106.01 2.08 0.00	55.54 1.62 0.00
V_CMM_10_SYNC_DSASP 323787	24.91 -0.28 0.00	21.47 -0.36 0.00	20.33 -0.31 0.00	16.86 -0.26 0.00	16.88 -0.19 0.00	18.88 -0.24 0.00	25.35 -0.25 0.00	24.67 -0.17 0.00	29.93 -0.21 0.00	29.02 -0.25 0.00	35.71 -0.23 0.00	38.88 -0.13 0.00	38.81 -0.13 0.00	56.32 0.03 0.00	136.33 -0.13 0.00	72.35 -0.33 0.00	93.04 -0.43 0.00	73.81 -0.32 0.00	87.62 -0.50 0.00	85.97 -0.43 0.00	62.06 -0.21 0.00	122.55 -0.60 0.00	103.36 -0.57 0.00	53.58 -0.33 0.00
V_CMP_10_SYNC_DSASP 323788	25.61 0.42 0.00	22.02 0.20 0.00	20.77 0.12 0.00	17.17 0.06 0.00	17.20 0.12 0.00	19.31 0.18 0.00	25.92 0.31 0.00	25.40 0.56 0.00	30.85 0.71 0.00	29.81 0.53 0.00	36.53 0.58 0.00	39.65 0.64 0.00	39.36 0.42 0.00	57.31 1.02 0.00	138.24 1.79 0.00	72.91 0.24 0.00	94.07 0.60 0.00	74.80 0.67 0.00	89.05 0.94 0.00	87.23 0.83 0.00	63.22 0.95 0.00	125.49 2.34 0.00	106.37 2.44 0.00	55.24 1.33 0.00
V_E_10_SYNC_DSASP 323830	27.34 2.15 0.00	23.61 1.79 0.00	22.27 1.63 0.00	18.40 1.28 0.00	18.31 1.23 0.00	20.66 1.53 0.00	27.80 2.20 0.00	26.95 2.12 0.00	32.74 2.60 0.00	31.61 2.33 0.00	38.83 2.88 0.00	41.98 2.97 0.00	42.81 3.63 -0.24	63.96 5.19 -2.48	152.96 13.36 -3.14	82.56 6.59 -3.29	105.06 9.06 -2.53	84.10 7.41 -2.57	100.31 9.20 -3.00	98.89 9.58 -2.92	72.14 7.06 -2.80	139.80 13.98 -2.68	116.88 11.27 -1.68	60.52 5.36 -1.24
V_F_30_NSYNC__DSASP 323816	26.52 1.33 0.00	23.09 1.26 0.00	21.81 1.17 0.00	18.06 0.94 0.00	17.98 0.90 0.00	20.16 1.04 0.00	26.98 1.38 0.00	28.01 1.35 -1.83	31.90 1.70 -0.05	31.85 1.54 -1.03	37.57 1.63 0.00	40.70 1.69 0.00	40.57 1.63 0.00	58.57 2.27 0.00	143.04 6.58 0.00	76.35 3.67 0.00	98.48 5.01 0.00	78.13 4.00 0.00	93.27 5.16 0.00	91.42 5.02 0.00	65.90 3.62 0.00	130.47 7.33 0.00	109.91 5.98 0.00	56.90 2.99 0.00
V_F_30_SYNC_DSASP 323786	25.76 0.57 0.00	22.48 0.65 0.00	21.25 0.61 0.00	17.61 0.49 0.00	17.53 0.45 0.00	19.67 0.54 0.00	26.30 0.70 0.00	27.36 0.64 -1.88	30.97 0.78 -0.06	30.96 0.62 -1.06	36.46 0.52 0.00	39.54 0.53 0.00	39.43 0.49 0.00	56.72 0.43 0.00	138.08 1.63 0.00	73.69 1.01 0.00	94.94 1.48 0.00	75.30 1.18 0.00	89.59 1.48 0.00	87.91 1.52 0.00	63.34 1.07 0.00	125.47 2.32 0.00	105.90 1.98 0.00	54.95 1.04 0.00
V_XM_10_SYNC_DSASP 323789	25.61 0.42 0.00	22.02 0.20 0.00	20.77 0.12 0.00	17.17 0.06 0.00	17.20 0.12 0.00	19.31 0.18 0.00	25.92 0.31 0.00	25.40 0.56 0.00	30.85 0.71 0.00	29.81 0.53 0.00	36.53 0.58 0.00	39.65 0.64 0.00	39.36 0.42 0.00	57.31 1.02 0.00	138.24 1.79 0.00	72.91 0.24 0.00	94.07 0.60 0.00	74.80 0.67 0.00	89.05 0.94 0.00	87.23 0.83 0.00	63.22 0.95 0.00	125.49 2.34 0.00	106.37 2.44 0.00	55.24 1.33 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.31 1.12 0.00	22.98 1.16 0.00	21.66 1.01 0.00	17.92 0.80 0.00	17.82 0.74 0.00	19.95 0.82 0.00	26.65 1.05 0.00	14.83 1.09 11.09	31.10 1.28 0.33	24.25 1.25 6.27	37.45 1.50 0.00	40.80 1.79 0.00	40.73 1.79 0.00	58.37 2.08 0.00	141.80 5.34 0.00	75.77 3.09 0.00	97.49 4.02 0.00	77.21 3.09 0.00	91.44 3.33 0.00	89.34 2.94 0.00	64.22 1.95 0.00	127.88 4.73 0.00	107.93 4.01 0.00	55.90 1.99 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.47 1.27 0.00	23.13 1.31 0.00	21.79 1.14 0.00	18.04 0.92 0.00	17.93 0.84 0.00	20.08 0.95 0.00	26.87 1.27 0.00	34.43 1.35 -8.25	32.05 1.67 -0.24	35.59 1.65 -4.66	37.82 1.88 0.00	41.13 2.12 0.00	41.04 2.11 0.00	58.70 2.41 0.00	142.58 6.12 0.00	76.19 3.51 0.00	98.13 4.67 0.00	77.72 3.60 0.00	91.89 3.78 0.00	89.70 3.30 0.00	64.33 2.06 0.00	127.73 4.58 0.00	107.49 3.56 0.00	55.71 1.80 0.00
W50THST__13_KV_LOAD 356117	26.61 1.42 0.00	23.25 1.43 0.00	21.91 1.26 0.00	18.13 1.01 0.00	18.03 0.95 0.00	20.20 1.07 0.00	27.06 1.45 0.00	34.64 1.55 -8.25	32.33 1.95 -0.24	35.87 1.94 -4.66	38.17 2.22 0.00	41.49 2.48 0.00	41.40 2.47 0.00	59.22 2.93 0.00	143.87 7.41 0.00	76.88 4.21 0.00	99.04 5.57 0.00	78.39 4.27 0.00	92.60 4.49 0.00	90.31 3.91 0.00	64.74 2.47 0.00	128.49 5.34 0.00	108.09 4.16 0.00	56.02 2.10 0.00
WADING RIVER_IC_1 23522	26.66 1.46 0.00	23.23 1.41 0.00	22.06 1.41 0.00	18.46 1.34 0.00	18.33 1.24 0.00	20.31 1.19 0.00	26.95 1.35 0.00	34.45 1.46 -8.15	32.25 1.86 -0.24	35.76 1.88 -4.61	38.44 2.36 -0.13	44.47 3.05 -2.41	51.00 3.09 -8.97	59.30 2.90 -0.11	143.75 7.30 0.00	77.20 4.52 0.00	140.08 6.24 -40.38	218.30 4.88 -139.30	202.29 4.86 -109.31	115.62 4.65 -24.57	66.37 3.45 -0.64	128.75 5.60 0.00	106.86 2.93 0.00	56.74 2.82 0.00
WADING RIVER_IC_2 23547	26.66 1.46 0.00	23.23 1.41 0.00	22.06 1.41 0.00	18.46 1.34 0.00	18.33 1.24 0.00	20.31 1.19 0.00	26.95 1.35 0.00	34.45 1.46 -8.15	32.25 1.86 -0.24	35.76 1.88 -4.61	38.44 2.36 -0.13	44.47 3.05 -2.41	51.00 3.09 -8.97	59.30 2.90 -0.11	143.75 7.30 0.00	77.20 4.52 0.00	140.08 6.24 -40.38	218.30 4.88 -139.30	202.29 4.86 -109.31	115.62 4.65 -24.57	66.37 3.45 -0.64	128.75 5.60 0.00	106.86 2.93 0.00	56.74 2.82 0.00
WADING RIVER_IC_3 23601	26.66 1.46 0.00	23.23 1.41 0.00	22.06 1.41 0.00	18.46 1.34 0.00	18.33 1.24 0.00	20.31 1.19 0.00	26.95 1.35 0.00	34.45 1.46 -8.15	32.25 1.86 -0.24	35.76 1.88 -4.61	38.44 2.36 -0.13	44.47 3.05 -2.41	51.00 3.09 -8.97	59.30 2.90 -0.11	143.75 7.30 0.00	77.20 4.52 0.00	140.08 6.24 -40.38	218.30 4.88 -139.30	202.29 4.86 -109.31	115.62 4.65 -24.57	66.37 3.45 -0.64	128.75 5.60 0.00	106.86 2.93 0.00	56.74 2.82 0.00
WALDENNY_I2_KV_BK2 80841	26.82 1.63 0.00	22.89 1.06 0.00	21.64 1.00 0.00	17.82 0.70 0.00	17.61 0.53 0.00	19.98 0.85 0.00	26.87 1.27 0.00	25.66 0.83 0.00	31.19 1.05 0.00	30.42 1.14 0.00	37.62 1.68 0.00	40.03 1.02 0.00	40.63 1.69 0.00	59.19 2.90 0.00	142.17 5.71 0.00	75.44 2.76 0.00	96.12 2.65 0.00	76.37 2.25 0.00	90.06 1.94 0.00	88.41 2.01 0.00	64.01 1.74 0.00	127.92 4.78 0.00	109.01 5.08 0.00	57.05 3.13 0.00
WALDEN___HYDRO 24148	26.45 1.25 0.00	23.06 1.24 0.00	21.74 1.09 0.00	17.98 0.86 0.00	17.88 0.80 0.00	20.01 0.89 0.00	26.76 1.16 0.00	24.13 1.17 1.88	31.56 1.47 0.06	29.65 1.44 1.06	37.66 1.71 0.00	40.94 1.93 0.00	40.88 1.94 0.00	58.69 2.39 0.00	142.69 6.23 0.00	76.34 3.66 0.00	98.05 4.59 0.00	78.01 3.88 0.00	92.41 4.30 0.00	90.46 4.07 0.00	65.10 2.82 0.00	129.14 5.99 0.00	108.89 4.96 0.00	56.37 2.45 0.00
WARRENSBURG____ 23737	26.46 1.27 0.00	22.99 1.17 0.00	21.69 1.04 0.00	17.92 0.80 0.00	17.86 0.78 0.00	20.03 0.90 0.00	26.83 1.23 0.00	27.91 1.27 -1.81	31.86 1.67 -0.05	31.77 1.47 -1.03	37.45 1.50 0.00	40.48 1.47 0.00	40.36 1.43 0.00	58.36 2.07 0.00	143.06 6.61 0.00	76.44 3.76 0.00	98.62 5.16 0.00	78.24 4.11 0.00	93.83 5.71 0.00	91.77 5.37 0.00	66.14 3.86 0.00	131.25 8.10 0.00	110.43 6.50 0.00	57.03 3.12 0.00
WATERSIDE___6 8 9 23538	26.51 1.32 0.00	23.16 1.33 0.00	21.81 1.17 0.00	18.05 0.94 0.00	17.94 0.86 0.00	20.09 0.96 0.00	26.90 1.30 0.00	34.45 1.38 -8.24	32.10 1.72 -0.24	35.59 1.65 -4.66	37.80 1.85 0.00	41.06 2.05 0.00	40.99 2.05 0.00	58.52 2.23 0.00	141.97 5.51 0.00	75.85 3.17 0.00	97.67 4.21 0.00	77.30 3.18 0.00	91.36 3.24 0.00	89.29 2.89 0.00	64.05 1.77 0.00	127.16 4.01 0.00	106.91 2.98 0.00	55.50 1.58 0.00
WATKINRD_115KV_LN8_ILLION 55919	25.14 -0.05 0.00	21.85 0.03 0.00	20.67 0.02 0.00	17.13 0.02 0.00	17.06 -0.02 0.00	19.13 0.01 0.00	25.60 0.00 0.00	24.81 -0.03 0.00	30.10 -0.04 0.00	29.20 -0.07 0.00	35.76 -0.19 0.00	38.81 -0.20 0.00	38.80 -0.14 0.00	55.98 -0.31 0.00	135.95 -0.50 0.00	72.40 -0.28 0.00	93.48 0.01 0.00	74.13 0.00 0.00	88.25 0.13 0.00	86.57 0.17 0.00	62.40 0.12 0.00	123.61 0.47 0.00	104.10 0.17 0.00	53.91 -0.01 0.00
WATSON___69_KV_BK 1 55734	27.21 2.01 0.00	23.71 1.89 0.00	22.47 1.82 0.00	18.68 1.56 0.00	18.55 1.47 0.00	20.63 1.50 0.00	27.44 1.84 0.00	34.92 1.93 -8.15	32.84 2.46 -0.24	36.45 2.57 -4.61	39.37 3.29 -0.13	45.44 4.01 -2.41	51.95 4.04 -8.97	60.49 4.14 -0.06	146.68 10.22 0.00	78.65 5.97 0.00	122.45 8.02 -20.96	153.15 6.45 -72.58	153.13 6.87 -58.15	106.23 6.46 -13.37	67.17 4.56 -0.33	131.41 8.26 0.00	109.61 5.68 0.00	57.71 3.79 0.00
WDELAWARE___HYD 323627	25.86 0.66 0.00	22.51 0.68 0.00	21.19 0.54 0.00	17.52 0.41 0.00	17.45 0.37 0.00	19.52 0.40 0.00	26.12 0.52 0.00	24.22 0.57 1.19	30.82 0.72 0.04	29.33 0.73 0.67	36.77 0.82 0.00	40.03 1.02 0.00	39.71 0.77 0.00	55.64 -0.65 0.00	135.48 -0.97 0.00	73.18 0.50 0.00	94.67 1.20 0.00	75.07 0.95 0.00	89.05 0.94 0.00	87.11 0.71 0.00	62.73 0.46 0.00	127.00 3.86 0.00	106.88 2.95 0.00	55.32 1.40 0.00
WEST BABYLON___IC 23714	27.07 1.88 0.00	23.60 1.78 0.00	22.35 1.70 0.00	18.57 1.45 0.00	18.44 1.36 0.00	20.50 1.37 0.00	27.25 1.65 0.00	34.71 1.72 -8.15	32.58 2.20 -0.24	36.16 2.27 -4.61	39.01 2.94 -0.13	44.98 3.56 -2.41	51.49 3.59 -8.97	59.96 3.65 -0.01	145.55 9.10 0.00	77.97 5.29 0.00	105.30 7.21 -4.63	96.29 5.81 -16.35	105.60 6.09 -11.39	93.38 5.69 -1.29	66.36 4.02 -0.07	130.65 7.51 0.00	109.34 5.41 0.00	57.41 3.50 0.00
WEST CANADA___HYD 24049	25.21 0.02 0.00	21.85 0.02 0.00	20.67 0.02 0.00	17.14 0.02 0.00	17.10 0.02 0.00	19.15 0.02 0.00	25.63 0.03 0.00	24.85 0.02 0.00	30.14 0.00 0.00	29.27 0.00 0.00	35.95 0.00 0.00	39.00 -0.01 0.00	38.91 -0.02 0.00	56.22 -0.07 0.00	136.30 -0.16 0.00	72.61 -0.07 0.00	93.42 -0.04 0.00	74.12 0.00 0.00	88.11 0.00 0.00	86.40 0.00 0.00	62.27 0.00 0.00	123.15 0.00 0.00	103.94 0.01 0.00	53.91 0.00 0.00



WESTERN_NY_WIND 24143	27.15 1.95 0.00	23.15 1.33 0.00	21.88 1.24 0.00	18.02 0.90 0.00	17.82 0.74 0.00	20.19 1.06 0.00	27.14 1.54 0.00	25.94 1.11 0.00	31.44 1.30 0.00	30.59 1.32 0.00	37.79 1.84 0.00	40.32 1.31 0.00	40.94 2.00 0.00	59.60 3.31 0.00	143.49 7.03 0.00	76.17 3.50 0.00	96.92 3.45 0.00	77.15 3.03 0.00	91.42 3.31 0.00	90.18 3.78 0.00	65.25 2.97 0.00	130.38 7.24 0.00	110.80 6.87 0.00	57.79 3.88 0.00
WESTOVER___LESR 323668	25.73 0.54 0.00	22.28 0.46 0.00	21.03 0.38 0.00	17.37 0.25 0.00	17.30 0.22 0.00	19.47 0.34 0.00	26.07 0.47 0.00	25.25 0.42 0.00	30.69 0.55 0.00	29.91 0.63 0.00	36.81 0.86 0.00	39.70 0.69 0.00	40.11 0.95 -0.22	59.98 1.39 -2.30	142.39 3.02 -2.91	77.44 1.71 -3.06	97.80 1.99 -2.35	77.91 1.41 -2.38	92.45 1.55 -2.78	90.39 1.28 -2.71	65.91 1.03 -2.60	128.11 2.47 -2.48	107.82 2.33 -1.56	56.29 1.22 -1.15
WETHRSFD_WT_PWR 323626	26.51 1.31 0.00	22.71 0.88 0.00	21.44 0.79 0.00	17.64 0.53 0.00	17.48 0.40 0.00	19.79 0.66 0.00	26.55 0.95 0.00	25.44 0.60 0.00	30.92 0.78 0.00	30.16 0.89 0.00	37.24 1.29 0.00	39.71 0.70 0.00	40.18 1.24 0.00	58.36 2.07 0.00	140.46 4.01 0.00	74.66 1.99 0.00	95.27 1.80 0.00	75.61 1.49 0.00	89.31 1.19 0.00	87.61 1.21 0.00	63.42 1.15 0.00	126.69 3.54 0.00	107.86 3.93 0.00	56.36 2.44 0.00
WHAVSTOR_138KV_BK127 55557	26.18 0.98 0.00	22.87 1.05 0.00	21.56 0.91 0.00	17.85 0.73 0.00	17.74 0.66 0.00	19.86 0.73 0.00	26.52 0.92 0.00	14.56 0.96 11.23	30.93 1.11 0.33	23.99 1.07 6.35	37.21 1.26 0.00	40.52 1.51 0.00	40.44 1.50 0.00	57.92 1.63 0.00	140.70 4.25 0.00	75.20 2.52 0.00	96.74 3.28 0.00	76.62 2.50 0.00	90.75 2.63 0.00	88.70 2.30 0.00	63.75 1.48 0.00	127.04 3.89 0.00	107.26 3.33 0.00	55.59 1.68 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	26.18 0.98 0.00	22.87 1.05 0.00	21.56 0.91 0.00	17.85 0.73 0.00	17.74 0.66 0.00	19.86 0.73 0.00	26.52 0.92 0.00	14.56 0.96 11.23	30.93 1.11 0.33	23.99 1.07 6.35	37.21 1.26 0.00	40.52 1.51 0.00	40.44 1.50 0.00	57.92 1.63 0.00	140.70 4.25 0.00	75.20 2.52 0.00	96.74 3.28 0.00	76.62 2.50 0.00	90.75 2.63 0.00	88.70 2.30 0.00	63.75 1.48 0.00	127.04 3.89 0.00	107.26 3.33 0.00	55.59 1.68 0.00
WHITEHAL_115KV_TB1 80871	27.41 2.21 0.00	23.78 1.95 0.00	22.36 1.71 0.00	18.35 1.24 0.00	18.28 1.20 0.00	20.50 1.37 0.00	27.49 1.89 0.00	28.77 2.12 -1.82	32.82 2.62 -0.05	32.48 2.17 -1.03	38.18 2.23 0.00	41.42 2.41 0.00	41.24 2.30 0.00	60.26 3.97 0.00	149.42 12.96 0.00	80.36 7.68 0.00	103.18 9.71 0.00	81.61 7.49 0.00	97.93 9.81 0.00	95.33 8.93 0.00	68.73 6.46 0.00	135.08 11.93 0.00	113.58 9.65 0.00	58.66 4.75 0.00
WHITEPLN_13_KV_LOAD 356215	26.52 1.33 0.00	23.17 1.35 0.00	21.84 1.19 0.00	18.09 0.97 0.00	17.96 0.88 0.00	20.12 0.99 0.00	26.90 1.30 0.00	34.94 1.36 -8.74	32.07 1.67 -0.26	35.87 1.65 -4.94	37.97 2.02 0.00	41.29 2.28 0.00	41.42 2.48 0.00	59.46 3.16 0.00	144.31 7.86 0.00	76.73 4.05 0.00	98.90 5.44 0.00	78.29 4.17 0.00	92.63 4.52 0.00	90.47 4.08 0.00	64.93 2.66 0.00	128.84 5.70 0.00	108.47 4.55 0.00	56.20 2.29 0.00
WM_FLOYD_69_KV_BK2 356380	26.85 1.66 0.00	23.40 1.58 0.00	22.22 1.57 0.00	18.54 1.42 0.00	18.41 1.33 0.00	20.44 1.31 0.00	27.13 1.54 0.00	34.63 1.64 -8.15	32.45 2.07 -0.24	36.02 2.13 -4.61	38.75 2.67 -0.13	44.77 3.35 -2.41	51.30 3.39 -8.97	59.74 3.33 -0.12	144.74 8.28 0.00	77.70 5.02 0.00	143.00 6.82 -42.70	226.75 5.51 -147.11	211.43 5.73 -117.59	119.30 5.45 -27.46	66.88 3.93 -0.67	129.91 6.76 0.00	108.04 4.12 0.00	57.11 3.20 0.00
WOODARD___115KV_TB2 355635	25.04 -0.15 0.00	21.65 -0.17 0.00	20.49 -0.16 0.00	16.99 -0.12 0.00	16.92 -0.16 0.00	18.99 -0.14 0.00	25.40 -0.20 0.00	24.62 -0.21 0.00	29.93 -0.21 0.00	29.10 -0.17 0.00	35.80 -0.14 0.00	38.79 -0.22 0.00	39.33 -0.01 -0.39	60.50 0.11 -4.10	141.60 -0.04 -5.19	78.02 -0.11 -5.45	97.42 -0.24 -4.19	78.24 -0.14 -4.25	92.92 -0.16 -4.96	91.02 -0.21 -4.83	66.75 -0.16 -4.64	127.37 -0.21 -4.43	106.51 -0.20 -2.78	55.85 -0.12 -2.06
YORK___WARBASSE 23770	26.61 1.42 0.00	23.22 1.40 0.00	21.86 1.22 0.00	18.09 0.97 0.00	17.97 0.89 0.00	20.13 1.00 0.00	26.96 1.36 0.00	34.52 1.45 -8.24	32.20 1.82 -0.24	35.70 1.77 -4.66	37.98 2.03 0.00	41.23 2.22 0.00	41.19 2.25 0.00	58.86 2.57 0.00	142.80 6.34 0.00	76.21 3.53 0.00	98.05 4.59 0.00	77.40 3.27 0.00	91.49 3.37 0.00	89.46 3.07 0.00	64.26 1.98 0.00	127.66 4.51 0.00	107.34 3.41 0.00	55.75 1.84 0.00