

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/06/2023

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	42.84	41.25	41.02	40.51	40.71	42.09	41.85	41.84	45.03	47.86	46.17	73.05	71.80	97.23	206.98	202.29	251.13	545.35	385.34	223.86	283.41	87.27	58.60	55.00
24138	1.89	1.81	1.82	1.99	1.85	1.60	1.87	2.26	2.54	3.25	3.50	5.36	5.54	7.41	16.86	16.95	18.31	40.69	26.53	18.34	21.66	6.54	4.60	3.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.38	0.00	-9.89	-55.03	-107.03	-85.15	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	43.01	41.35	41.10	40.58	40.77	42.14	41.91	41.90	45.14	47.97	46.31	73.33	72.00	97.55	207.77	202.95	251.74	546.64	386.41	224.72	284.74	87.71	58.87	55.28
24260	2.06	1.91	1.90	2.07	1.91	1.65	1.93	2.33	2.64	3.36	3.64	5.64	5.74	7.73	17.65	17.61	18.95	42.03	27.60	19.20	22.99	6.97	4.87	3.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.38	0.00	-9.89	-55.00	-106.97	-85.15	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	43.01	41.35	41.10	40.58	40.77	42.14	41.91	41.90	45.14	47.97	46.31	73.33	72.00	97.55	207.77	202.95	251.74	546.64	386.41	224.72	284.74	87.71	58.87	55.28
24261	2.06	1.91	1.90	2.07	1.91	1.65	1.93	2.33	2.64	3.36	3.64	5.64	5.74	7.73	17.65	17.61	18.95	42.03	27.60	19.20	22.99	6.97	4.87	3.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.38	0.00	-9.89	-55.00	-106.97	-85.15	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	44.01	42.20	41.82	41.11	41.43	43.24	42.87	42.58	45.49	47.75	45.77	72.63	71.48	91.49	204.56	192.66	204.75	474.39	571.02	224.30	284.54	87.43	58.64	55.71
24011	3.06	2.76	2.62	2.60	2.57	2.75	2.89	3.00	3.00	3.14	3.10	4.94	5.22	6.64	14.44	15.01	14.79	36.60	25.98	18.78	22.79	6.69	4.64	4.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.41	0.00	-2.19	-12.18	-40.15	-271.38	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	44.56	42.70	42.23	41.51	41.86	43.73	43.41	43.12	45.99	48.18	46.20	73.44	72.30	92.56	206.99	195.03	207.49	480.87	576.02	227.45	287.97	88.34	59.25	56.36
23798	3.61	3.27	3.03	3.00	2.99	3.24	3.43	3.54	3.50	3.57	3.53	5.75	6.03	7.72	16.87	17.39	17.54	43.08	30.20	21.93	26.22	7.60	5.25	4.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.41	0.00	-2.19	-12.16	-40.16	-272.16	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	44.01	42.20	41.82	41.11	41.43	43.24	42.87	42.58	45.49	47.75	45.77	72.63	71.48	91.49	204.56	192.66	204.75	474.39	571.02	224.30	284.54	87.43	58.64	55.71
24028	3.06	2.76	2.62	2.60	2.57	2.75	2.89	3.00	3.00	3.14	3.10	4.94	5.22	6.64	14.44	15.01	14.79	36.60	25.98	18.78	22.79	6.69	4.64	4.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.41	0.00	-2.19	-12.18	-40.15	-271.38	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	43.09	41.42	41.30	40.65	40.94	42.66	42.10	41.73	44.47	46.66	44.54	70.30	68.90	88.13	197.66	186.78	199.69	459.56	509.18	217.61	277.56	84.93	57.18	54.37
23527	2.14	1.98	2.10	2.14	2.08	2.17	2.12	2.15	1.98	2.05	1.86	2.61	2.64	3.08	7.54	8.82	7.96	21.99	17.14	12.09	15.81	4.19	3.18	2.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.62	0.00	-2.51	-13.94	-39.94	-218.38	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	41.37	39.78	39.63	39.00	39.27	40.84	40.31	40.01	42.81	45.05	43.05	67.99	66.70	85.43	191.60	180.45	193.14	440.52	462.79	209.59	266.76	82.00	55.15	52.47
24190	0.42	0.34	0.43	0.49	0.41	0.35	0.33	0.43	0.32	0.44	0.37	0.30	0.43	0.54	1.48	2.74	2.79	7.79	6.07	4.08	5.02	1.26	1.15	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.46	0.00	-2.26	-12.56	-35.10	-183.06	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	39.91	38.55	38.39	37.66	38.07	39.74	39.29	38.91	41.72	43.36	41.11	65.38	63.88	80.34	182.39	167.82	169.66	379.59	262.54	188.73	245.12	77.32	51.70	49.64
355683	-1.03	-0.89	-0.82	-0.85	-0.79	-0.75	-0.69	-0.67	-0.77	-1.25	-1.57	-2.31	-2.38	-3.09	-7.73	-7.63	-8.13	-18.04	-11.12	-9.51	-12.08	-3.42	-2.30	-1.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.27	4.55	0.00	0.00	0.00
ALBANY___1	41.37	39.78	39.63	39.00	39.27	40.84	40.31	40.01	42.81	45.05	43.05	67.99	66.70	85.43	191.60	180.45	193.14	440.52	462.79	209.59	266.76	82.00	55.15	52.47
23571	0.42	0.34	0.43	0.49	0.41	0.35	0.33	0.43	0.32	0.44	0.37	0.30	0.43	0.54	1.48	2.74	2.79	7.79	6.07	4.08	5.02	1.26	1.15	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.46	0.00	-2.26	-12.56	-35.10	-183.06	0.00	0.00	0.00	0.00	0.00
ALBANY___2	41.37	39.78	39.63	39.00	39.27	40.84	40.31	40.01	42.81	45.05	43.05	67.99	66.70	85.43	191.60	180.45	193.14	440.52	462.79	209.59	266.76	82.00	55.15	52.47
23572	0.42	0.34	0.43	0.49	0.41	0.35	0.33	0.43	0.32	0.44	0.37	0.30	0.43	0.54	1.48	2.74	2.79	7.79	6.07	4.08	5.02	1.26	1.15	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.46	0.00	-2.26	-12.56	-35.10	-183.06	0.00	0.00	0.00	0.00	0.00
ALBANY___3	41.37	39.78	39.63	39.00	39.27	40.84	40.31	40.01	42.81	45.05	43.05	67.99	66.70	85.43	191.60	180.45	193.14	440.52	462.79	209.59	266.76	82.00	55.15	52.47
23573	0.42	0.34	0.43	0.49	0.41	0.35	0.33	0.43	0.32	0.44	0.37	0.30	0.43	0.54	1.48	2.74	2.79	7.79	6.07	4.08	5.02	1.26	1.15	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.46	0.00	-2.26	-12.56	-35.10	-183.06	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	41.37 0.42 0.00	39.78 0.34 0.00	39.63 0.43 0.00	39.00 0.49 0.00	39.27 0.41 0.00	40.84 0.35 0.00	40.31 0.33 0.00	40.01 0.43 0.00	42.81 0.32 0.00	45.05 0.44 0.00	43.05 0.37 0.00	67.99 0.30 0.00	66.70 0.43 0.00	85.43 0.54 -1.46	191.60 1.48 0.00	180.45 2.74 -2.26	193.14 2.79 -12.56	440.52 7.79 -35.10	462.79 6.07 -183.06	209.59 4.08 0.00	266.76 5.02 0.00	82.00 1.26 0.00	55.15 1.15 0.00	52.47 1.00 0.00
ALBANY___LFGE 323615	41.91 0.96 0.00	40.30 0.86 0.00	40.13 0.93 0.00	39.48 0.97 0.00	39.75 0.89 0.00	41.36 0.87 0.00	40.83 0.85 0.00	40.53 0.95 0.00	43.40 0.91 0.00	45.70 1.09 0.00	43.72 1.04 0.00	69.15 1.45 0.00	67.83 1.56 0.00	86.85 1.96 -1.45	194.89 4.77 0.00	183.47 5.77 -2.26	196.22 5.89 -12.54	449.11 14.73 -36.74	493.40 10.89 -208.84	213.08 7.57 0.00	271.12 9.37 0.00	83.26 2.53 0.00	55.95 1.95 0.00	53.18 1.71 0.00
ALCOA_PA_115KV_PL-6C 55860	39.99 -0.96 0.00	38.61 -0.83 0.00	38.46 -0.75 0.00	37.73 -0.78 0.00	38.15 -0.71 0.00	39.84 -0.66 0.00	39.39 -0.59 0.00	39.00 -0.57 0.00	41.81 -0.68 0.00	43.42 -1.19 0.00	40.90 -1.78 0.00	65.05 -2.64 0.00	63.51 -2.76 0.00	79.75 -3.69 0.00	180.93 -9.19 0.00	166.66 -8.79 0.00	168.34 -9.45 0.00	378.82 -18.81 0.00	261.76 -11.90 0.00	185.64 -9.91 9.96	243.48 -12.04 6.23	77.42 -3.32 0.00	51.63 -2.37 0.00	49.53 -1.95 0.00
ALCOA_RYNLDS___DRP 24188	39.99 -0.96 0.00	38.61 -0.83 0.00	38.46 -0.75 0.00	37.73 -0.78 0.00	38.15 -0.71 0.00	39.84 -0.66 0.00	39.39 -0.59 0.00	39.00 -0.57 0.00	41.81 -0.68 0.00	43.42 -1.19 0.00	40.90 -1.78 0.00	65.05 -2.64 0.00	63.51 -2.76 0.00	79.75 -3.69 0.00	180.93 -9.19 0.00	166.66 -8.79 0.00	168.34 -9.45 0.00	378.82 -18.81 0.00	261.76 -11.90 0.00	185.64 -9.91 9.96	243.48 -12.04 6.23	77.42 -3.32 0.00	51.63 -2.37 0.00	49.53 -1.95 0.00
ALCOA___DSASP 323711	39.99 -0.96 0.00	38.61 -0.83 0.00	38.46 -0.75 0.00	37.73 -0.78 0.00	38.15 -0.71 0.00	39.84 -0.65 0.00	39.39 -0.59 0.00	39.00 -0.57 0.00	41.81 -0.68 0.00	43.42 -1.19 0.00	40.90 -1.78 0.00	65.05 -2.64 0.00	63.51 -2.76 0.00	79.75 -3.68 0.00	180.93 -9.19 0.00	166.67 -8.78 0.00	168.34 -9.44 0.00	378.83 -18.80 0.00	261.76 -11.90 0.00	185.65 -9.90 9.96	243.48 -12.04 6.23	77.42 -3.32 0.00	51.63 -2.37 0.00	49.53 -1.95 0.00
ALLEGHENY___COGEN 23514	42.91 1.96 0.00	40.86 1.42 0.00	40.24 1.04 0.00	39.25 0.73 0.00	39.66 0.80 0.00	41.52 1.03 0.00	41.20 1.22 0.00	40.85 1.27 0.00	43.92 1.43 0.00	46.47 1.86 0.00	44.61 1.94 0.00	71.11 3.42 0.00	68.08 1.81 0.00	80.79 -2.64 0.00	181.45 -8.67 0.00	166.46 -8.99 0.00	168.06 -9.72 0.00	374.18 -24.36 -0.91	274.70 -12.88 -13.92	202.06 -3.46 0.00	261.31 -0.44 0.00	86.28 5.54 0.00	57.37 3.38 0.00	54.01 2.54 0.00
ALTAMONT_115KV_TB 2 55880	41.88 0.93 0.00	40.29 0.85 0.00	40.13 0.93 0.00	39.48 0.97 0.00	39.76 0.90 0.00	41.35 0.86 0.00	40.80 0.81 0.00	40.48 0.90 0.00	43.36 0.87 0.00	45.64 1.03 0.00	43.68 1.01 0.00	69.06 1.37 0.00	67.71 1.44 0.00	86.64 1.79 -1.42	194.35 4.23 0.00	182.70 5.05 -2.20	195.28 5.25 -12.24	443.72 12.81 -33.28	447.43 9.48 -164.29	212.36 6.85 0.00	270.41 8.67 0.00	83.23 2.50 0.00	55.91 1.92 0.00	53.20 1.73 0.00
ALTONA_WT_PWR 323606	40.03 -0.92 0.00	38.67 -0.76 0.00	38.76 -0.45 0.00	38.07 -0.45 0.00	38.45 -0.41 0.00	40.09 -0.40 0.00	39.72 -0.26 0.00	39.30 -0.28 0.00	42.08 -0.42 0.00	43.76 -0.85 0.00	41.49 -1.18 0.00	65.95 -1.73 0.00	64.56 -1.71 0.00	81.31 -2.13 0.00	185.12 -5.00 0.00	170.43 -5.02 0.00	172.54 -5.25 0.00	387.96 -9.67 0.00	268.93 -4.74 0.00	193.75 -4.75 7.01	250.20 -7.17 4.38	78.05 -2.68 0.00	52.15 -1.85 0.00	49.75 -1.73 0.00
AMERICAN_REF_FUEL 24010	40.99 0.04 0.00	38.87 -0.57 0.00	38.15 -1.05 0.00	37.06 -1.46 0.00	37.53 -1.34 0.00	39.39 -1.11 0.00	38.94 -1.05 0.00	38.47 -1.11 0.00	41.98 -0.51 0.00	45.55 0.94 0.00	44.02 1.35 0.00	70.02 2.33 0.00	67.64 1.38 0.00	84.25 0.82 0.00	190.24 0.12 0.00	172.33 -3.13 0.00	174.56 -3.23 0.00	387.53 -11.54 -1.44	278.58 -7.41 -12.33	203.18 -2.34 0.00	264.17 2.42 0.00	81.58 0.85 0.00	54.23 0.24 0.00	51.06 -0.41 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	42.47 1.52 0.00	40.32 0.88 0.00	39.40 0.20 0.00	38.27 -0.24 0.00	38.68 -0.18 0.00	40.70 0.21 0.00	40.40 0.42 0.00	40.24 0.66 0.00	44.10 1.61 0.00	47.88 3.27 0.00	46.22 3.55 0.00	73.46 5.77 0.00	71.48 5.21 0.00	89.01 5.58 0.00	201.23 11.11 0.00	181.43 5.98 0.00	182.81 5.02 0.00	407.25 7.88 -1.74	293.95 6.08 -14.21	212.71 7.20 0.00	275.37 13.62 0.00	83.28 2.55 0.00	55.25 1.25 0.00	52.87 1.40 0.00
ARTHUR_KILL_GT_1 23520	37.83 1.43 4.55	38.39 1.32 2.37	38.43 1.33 2.10	37.76 1.52 2.27	38.06 1.35 2.15	38.53 1.00 2.95	38.54 1.42 2.87	37.88 1.78 3.48	49.39 2.11 -4.78	47.45 2.84 0.00	49.43 3.09 -3.67	75.57 4.85 -3.03	85.21 4.70 -14.24	96.38 6.55 -6.39	204.48 14.36 0.00	195.74 14.90 -5.39	249.51 16.72 -55.00	541.38 36.78 -106.97	382.70 23.89 -85.15	219.72 16.66 2.45	278.55 19.98 3.18	97.83 6.23 -10.86	75.16 4.31 -16.85	63.40 3.20 -8.72
ARTHUR_KILL_2 23512	37.67 1.28 4.55	38.24 1.17 2.37	38.29 1.19 2.10	37.62 1.38 2.27	37.91 1.20 2.15	38.38 0.84 2.95	38.38 1.27 2.87	37.73 1.63 3.48	49.20 1.92 -4.78	47.24 2.64 0.00	49.23 2.88 -3.67	75.23 4.51 -3.03	84.88 4.37 -14.24	95.96 6.14 -6.39	203.51 13.39 0.00	194.81 13.97 -5.39	248.54 15.75 -55.00	539.28 34.67 -106.97	381.29 22.47 -85.15	218.61 15.55 2.45	277.13 18.56 3.18	97.43 5.83 -10.86	74.89 4.05 -16.85	63.15 2.96 -8.72
ARTHUR_KILL_3 23513	37.71 1.32 4.56	38.28 1.21 2.37	38.29 1.20 2.11	37.68 1.42 2.26	37.95 1.25 2.16	38.46 0.93 2.96	38.33 1.21 2.86	37.69 1.58 3.47	42.78 1.85 1.56	47.01 2.51 0.11	45.53 2.85 0.00	71.03 4.28 0.94	65.52 4.42 5.16	84.06 6.07 5.44	173.09 13.79 30.82	149.31 14.11 40.25	169.86 15.42 23.34	308.18 34.10 123.56	371.37 22.33 -75.38	214.52 15.30 6.29	273.38 17.99 6.36	85.02 5.51 1.23	58.92 3.97 -0.94	54.51 2.92 -0.12
ARTHUR_KILL_COGEN 323718	37.83 1.43 4.55	38.39 1.32 2.37	38.43 1.33 2.10	37.76 1.52 2.27	38.06 1.35 2.15	38.53 1.00 2.95	38.54 1.42 2.87	37.88 1.78 3.48	49.39 2.11 -4.78	47.45 2.84 0.00	49.43 3.09 -3.67	75.57 4.85 -3.03	85.21 4.70 -14.24	96.38 6.55 -6.39	204.48 14.36 0.00	195.74 14.90 -5.39	249.51 16.72 -55.00	541.38 36.78 -106.97	382.70 23.89 -85.15	219.72 16.66 2.45	278.55 19.98 3.18	97.83 6.23 -10.86	75.16 4.31 -16.85	63.40 3.20 -8.72
ASHOKAN____ 23654	42.89 1.94 0.00	41.12 1.68 0.00	40.92 1.72 0.00	40.24 1.73 0.00	40.46 1.60 0.00	42.17 1.68 0.00	41.76 1.78 0.00	41.90 2.32 0.00	45.18 2.69 0.00	47.54 2.93 0.00	45.35 2.67 0.00	71.76 4.07 0.00	70.57 4.31 0.00	89.21 5.78 0.00	204.56 14.44 0.00	190.56 15.10 0.00	194.46 16.68 0.00	446.71 40.69 -8.38	430.25 27.95 -128.64	227.58 22.07 0.00	281.89 20.14 0.00	86.40 5.66 0.00	57.83 3.83 0.00	54.75 3.27 0.00

ASTORIA_EAST_ENERGY_CC1 323581	42.40 1.46 0.00	40.79 1.35 0.00	40.60 1.40 0.00	40.12 1.61 0.00	40.30 1.44 0.00	41.63 1.14 0.00	41.48 1.50 0.00	41.34 1.76 0.00	44.56 2.07 0.00	47.30 2.69 0.00	45.59 2.92 0.01	72.06 4.38 0.00	70.74 4.48 0.01	96.00 6.19 -6.37	204.35 14.23 0.00	199.91 14.57 -9.88	248.71 15.92 -55.00	539.65 35.05 -106.97	381.72 22.91 -85.15	221.33 15.82 0.00	280.41 18.66 0.00	86.48 5.74 -0.01	58.06 4.07 0.00	54.46 3.00 0.01
ASTORIA_EAST_ENERGY_CC2 323582	42.40 1.46 0.00	40.79 1.35 0.00	40.60 1.40 0.00	40.12 1.61 0.00	40.30 1.44 0.00	41.63 1.14 0.00	41.48 1.50 0.00	41.34 1.76 0.00	44.56 2.07 0.00	47.30 2.69 0.00	45.59 2.92 0.01	72.06 4.38 0.00	70.74 4.48 0.01	96.00 6.19 -6.37	204.35 14.23 0.00	199.91 14.57 -9.88	248.71 15.92 -55.00	539.65 35.05 -106.97	381.72 22.91 -85.15	221.33 15.82 0.00	280.41 18.66 0.00	86.48 5.74 -0.01	58.06 4.07 0.00	54.46 3.00 0.01
ASTORIA_GT2_1 24094	42.44 1.49 0.00	40.81 1.37 0.00	40.61 1.41 0.00	40.15 1.63 0.00	40.31 1.45 0.00	41.65 1.16 0.00	41.48 1.50 0.00	41.37 1.79 0.00	44.58 2.09 0.00	47.32 2.72 0.00	45.62 2.95 0.01	72.10 4.41 0.00	70.79 4.53 0.01	96.06 6.25 -6.37	204.47 14.36 0.00	200.00 14.67 -9.88	248.83 16.04 -55.00	539.89 35.29 -106.97	381.87 23.06 -85.15	221.48 15.97 0.00	280.50 18.75 0.00	86.54 5.80 -0.01	58.08 4.08 0.00	54.48 3.02 0.01
ASTORIA_GT2_2 24095	42.44 1.49 0.00	40.81 1.37 0.00	40.61 1.41 0.00	40.15 1.63 0.00	40.31 1.45 0.00	41.65 1.16 0.00	41.48 1.50 0.00	41.37 1.79 0.00	44.58 2.09 0.00	47.32 2.72 0.00	45.62 2.95 0.01	72.10 4.41 0.00	70.79 4.53 0.01	96.06 6.25 -6.37	204.47 14.36 0.00	200.00 14.67 -9.88	248.83 16.04 -55.00	539.89 35.29 -106.97	381.87 23.06 -85.15	221.48 15.97 0.00	280.50 18.75 0.00	86.54 5.80 -0.01	58.08 4.08 0.00	54.48 3.02 0.01
ASTORIA_GT2_3 24096	42.44 1.49 0.00	40.81 1.37 0.00	40.61 1.41 0.00	40.15 1.63 0.00	40.31 1.45 0.00	41.65 1.16 0.00	41.48 1.50 0.00	41.37 1.79 0.00	44.58 2.09 0.00	47.32 2.72 0.00	45.62 2.95 0.01	72.10 4.41 0.00	70.79 4.53 0.01	96.06 6.25 -6.37	204.47 14.36 0.00	200.00 14.67 -9.88	248.83 16.04 -55.00	539.89 35.29 -106.97	381.87 23.06 -85.15	221.48 15.97 0.00	280.50 18.75 0.00	86.54 5.80 -0.01	58.08 4.08 0.00	54.48 3.02 0.01
ASTORIA_GT2_4 24097	42.44 1.49 0.00	40.81 1.37 0.00	40.61 1.41 0.00	40.15 1.63 0.00	40.31 1.45 0.00	41.65 1.16 0.00	41.48 1.50 0.00	41.37 1.79 0.00	44.58 2.09 0.00	47.32 2.72 0.00	45.62 2.95 0.01	72.10 4.41 0.00	70.79 4.53 0.01	96.06 6.25 -6.37	204.47 14.36 0.00	200.00 14.67 -9.88	248.83 16.04 -55.00	539.89 35.29 -106.97	381.87 23.06 -85.15	221.48 15.97 0.00	280.50 18.75 0.00	86.54 5.80 -0.01	58.08 4.08 0.00	54.48 3.02 0.01
ASTORIA_GT3_1 24098	42.44 1.49 0.00	40.81 1.37 0.00	40.61 1.41 0.00	40.15 1.63 0.00	40.31 1.45 0.00	41.65 1.16 0.00	41.48 1.50 0.00	41.37 1.79 0.00	44.58 2.09 0.00	47.32 2.72 0.00	45.62 2.95 0.01	72.10 4.41 0.00	70.79 4.53 0.01	96.06 6.25 -6.37	204.47 14.36 0.00	200.00 14.67 -9.88	248.83 16.04 -55.00	539.89 35.29 -106.97	381.87 23.06 -85.15	221.48 15.97 0.00	280.50 18.75 0.00	86.54 5.80 -0.01	58.08 4.08 0.00	54.48 3.02 0.01
ASTORIA_GT3_2 24099	42.44 1.49 0.00	40.81 1.37 0.00	40.61 1.41 0.00	40.15 1.63 0.00	40.31 1.45 0.00	41.65 1.16 0.00	41.48 1.50 0.00	41.37 1.79 0.00	44.58 2.09 0.00	47.32 2.72 0.00	45.62 2.95 0.01	72.10 4.41 0.00	70.79 4.53 0.01	96.06 6.25 -6.37	204.47 14.36 0.00	200.00 14.67 -9.88	248.83 16.04 -55.00	539.89 35.29 -106.97	381.87 23.06 -85.15	221.48 15.97 0.00	280.50 18.75 0.00	86.54 5.80 -0.01	58.08 4.08 0.00	54.48 3.02 0.01
ASTORIA_GT3_3 24100	42.44 1.49 0.00	40.81 1.37 0.00	40.61 1.41 0.00	40.15 1.63 0.00	40.31 1.45 0.00	41.65 1.16 0.00	41.48 1.50 0.00	41.37 1.79 0.00	44.58 2.09 0.00	47.32 2.72 0.00	45.62 2.95 0.01	72.10 4.41 0.00	70.79 4.53 0.01	96.06 6.25 -6.37	204.47 14.36 0.00	200.00 14.67 -9.88	248.83 16.04 -55.00	539.89 35.29 -106.97	381.87 23.06 -85.15	221.48 15.97 0.00	280.50 18.75 0.00	86.54 5.80 -0.01	58.08 4.08 0.00	54.48 3.02 0.01
ASTORIA_GT3_4 24101	42.44 1.49 0.00	40.81 1.37 0.00	40.61 1.41 0.00	40.15 1.63 0.00	40.31 1.45 0.00	41.65 1.16 0.00	41.48 1.50 0.00	41.37 1.79 0.00	44.58 2.09 0.00	47.32 2.72 0.00	45.62 2.95 0.01	72.10 4.41 0.00	70.79 4.53 0.01	96.06 6.25 -6.37	204.47 14.36 0.00	200.00 14.67 -9.88	248.83 16.04 -55.00	539.89 35.29 -106.97	381.87 23.06 -85.15	221.48 15.97 0.00	280.50 18.75 0.00	86.54 5.80 -0.01	58.08 4.08 0.00	54.48 3.02 0.01
ASTORIA_GT4_1 24102	42.44 1.49 0.00	40.81 1.37 0.00	40.61 1.41 0.00	40.15 1.63 0.00	40.31 1.45 0.00	41.65 1.16 0.00	41.48 1.50 0.00	41.37 1.79 0.00	44.58 2.09 0.00	47.32 2.72 0.00	45.62 2.95 0.01	72.10 4.41 0.00	70.79 4.53 0.01	96.06 6.25 -6.37	204.47 14.36 0.00	200.00 14.67 -9.88	248.83 16.04 -55.00	539.89 35.29 -106.97	381.87 23.06 -85.15	221.48 15.97 0.00	280.50 18.75 0.00	86.54 5.80 -0.01	58.08 4.08 0.00	54.48 3.02 0.01
ASTORIA_GT4_2 24103	42.44 1.49 0.00	40.81 1.37 0.00	40.61 1.41 0.00	40.15 1.63 0.00	40.31 1.45 0.00	41.65 1.16 0.00	41.48 1.50 0.00	41.37 1.79 0.00	44.58 2.09 0.00	47.32 2.72 0.00	45.62 2.95 0.01	72.10 4.41 0.00	70.79 4.53 0.01	96.06 6.25 -6.37	204.47 14.36 0.00	200.00 14.67 -9.88	248.83 16.04 -55.00	539.89 35.29 -106.97	381.87 23.06 -85.15	221.48 15.97 0.00	280.50 18.75 0.00	86.54 5.80 -0.01	58.08 4.08 0.00	54.48 3.02 0.01
ASTORIA_GT4_3 24104	42.44 1.49 0.00	40.81 1.37 0.00	40.61 1.41 0.00	40.15 1.63 0.00	40.31 1.45 0.00	41.65 1.16 0.00	41.48 1.50 0.00	41.37 1.79 0.00	44.58 2.09 0.00	47.32 2.72 0.00	45.62 2.95 0.01	72.10 4.41 0.00	70.79 4.53 0.01	96.06 6.25 -6.37	204.47 14.36 0.00	200.00 14.67 -9.88	248.83 16.04 -55.00	539.89 35.29 -106.97	381.87 23.06 -85.15	221.48 15.97 0.00	280.50 18.75 0.00	86.54 5.80 -0.01	58.08 4.08 0.00	54.48 3.02 0.01
ASTORIA_GT4_4 24105	42.44 1.49 0.00	40.81 1.37 0.00	40.61 1.41 0.00	40.15 1.63 0.00	40.31 1.45 0.00	41.65 1.16 0.00	41.48 1.50 0.00	41.37 1.79 0.00	44.58 2.09 0.00	47.32 2.72 0.00	45.62 2.95 0.01	72.10 4.41 0.00	70.79 4.53 0.01	96.06 6.25 -6.37	204.47 14.36 0.00	200.00 14.67 -9.88	248.83 16.04 -55.00	539.89 35.29 -106.97	381.87 23.06 -85.15	221.48 15.97 0.00	280.50 18.75 0.00	86.54 5.80 -0.01	58.08 4.08 0.00	54.48 3.02 0.01
ASTORIA_GT_1 23523	42.53 1.58 0.00	40.92 1.48 0.00	40.72 1.52 0.00	40.23 1.72 0.00	40.40 1.54 0.00	41.74 1.25 0.00	41.60 1.62 0.00	41.47 1.89 0.00	44.70 2.21 0.00	47.47 2.86 0.00	45.74 3.08 0.01	72.33 4.64 0.00	71.02 4.76 0.01	96.33 6.53 -6.37	205.09 14.97 0.00	200.58 15.25 -9.88	249.42 16.64 -55.00	541.17 36.57 -106.97	382.78 23.96 -85.15	222.11 16.60 0.00	281.39 19.64 0.00	86.78 6.04 -0.01	58.26 4.27 0.00	54.64 3.17 0.01

ASTORIA_GT_10 24110	42.41 1.47 0.00	40.83 1.39 0.00	40.62 1.42 0.00	40.14 1.62 0.00	40.31 1.45 0.00	41.61 1.12 0.00	41.43 1.45 0.00	41.36 1.78 0.00	44.51 2.01 0.00	47.27 2.66 0.00	45.61 2.94 0.01	72.20 4.52 0.00	70.78 4.52 0.01	96.02 6.21 -6.37	204.05 13.93 0.00	195.04 14.20 -5.39	248.44 15.66 -55.00	539.21 34.61 -106.97	381.39 22.57 -85.15	218.50 15.44 2.45	276.76 18.19 3.18	81.94 5.63 4.43	58.02 4.02 0.00	49.89 3.00 4.58
ASTORIA_GT_11 24225	42.41 1.47 0.00	40.83 1.39 0.00	40.62 1.42 0.00	40.14 1.62 0.00	40.31 1.45 0.00	41.61 1.12 0.00	41.43 1.45 0.00	41.36 1.78 0.00	44.51 2.01 0.00	47.27 2.66 0.00	45.61 2.94 0.01	72.20 4.52 0.00	70.78 4.52 0.01	96.02 6.21 -6.37	204.05 13.93 0.00	195.04 14.20 -5.39	248.44 15.66 -55.00	539.21 34.61 -106.97	381.39 22.57 -85.15	218.50 15.44 2.45	276.76 18.19 3.18	81.94 5.63 4.43	58.02 4.02 0.00	49.89 3.00 4.58
ASTORIA_GT_12 24226	42.41 1.47 0.00	40.83 1.39 0.00	40.62 1.42 0.00	40.14 1.62 0.00	40.31 1.45 0.00	41.61 1.12 0.00	41.43 1.45 0.00	41.36 1.78 0.00	44.51 2.01 0.00	47.27 2.66 0.00	45.61 2.94 0.01	72.20 4.52 0.00	70.78 4.52 0.01	96.02 6.21 -6.37	204.05 13.93 0.00	195.04 14.20 -5.39	248.44 15.66 -55.00	539.21 34.61 -106.97	381.39 22.57 -85.15	218.50 15.44 2.45	276.76 18.19 3.18	81.94 5.63 4.43	58.02 4.02 0.00	49.89 3.00 4.58
ASTORIA_GT_13 24227	42.41 1.47 0.00	40.83 1.39 0.00	40.62 1.42 0.00	40.14 1.62 0.00	40.31 1.45 0.00	41.61 1.12 0.00	41.43 1.45 0.00	41.36 1.78 0.00	44.51 2.01 0.00	47.27 2.66 0.00	45.61 2.94 0.01	72.20 4.52 0.00	70.78 4.52 0.01	96.02 6.21 -6.37	204.05 13.93 0.00	195.04 14.20 -5.39	248.44 15.66 -55.00	539.21 34.61 -106.97	381.39 22.57 -85.15	218.50 15.44 2.45	276.76 18.19 3.18	81.94 5.63 4.43	58.02 4.02 0.00	49.89 3.00 4.58
ASTORIA_GT_5 24106	42.53 1.58 0.00	40.92 1.48 0.00	40.72 1.52 0.00	40.23 1.72 0.00	40.40 1.54 0.00	41.74 1.25 0.00	41.60 1.62 0.00	41.47 1.89 0.00	44.70 2.21 0.00	47.47 2.86 0.00	45.74 3.08 0.01	72.33 4.64 0.00	71.02 4.76 0.01	96.33 6.53 -6.37	205.09 14.97 0.00	200.58 15.25 -9.88	249.42 16.64 -55.00	541.17 36.57 -106.97	382.78 23.96 -85.15	222.11 16.60 0.00	281.39 19.64 0.00	86.78 6.04 -0.01	58.26 4.27 0.00	54.64 3.17 0.01
ASTORIA_GT_7 24107	42.53 1.58 0.00	40.92 1.48 0.00	40.72 1.52 0.00	40.23 1.72 0.00	40.40 1.54 0.00	41.74 1.25 0.00	41.60 1.62 0.00	41.47 1.89 0.00	44.70 2.21 0.00	47.47 2.86 0.00	45.74 3.08 0.01	72.33 4.64 0.00	71.02 4.76 0.01	96.33 6.53 -6.37	205.09 14.97 0.00	200.58 15.25 -9.88	249.42 16.64 -55.00	541.17 36.57 -106.97	382.78 23.96 -85.15	222.11 16.60 0.00	281.39 19.64 0.00	86.78 6.04 -0.01	58.26 4.27 0.00	54.64 3.17 0.01
ASTORIA_GT_8 24108	42.54 1.59 0.00	40.91 1.47 0.00	40.72 1.51 0.00	40.23 1.72 0.00	40.40 1.53 0.00	41.74 1.25 0.00	41.59 1.61 0.00	41.47 1.89 0.00	44.70 2.21 0.00	47.47 2.86 0.00	45.74 3.08 0.01	72.32 4.63 0.00	71.02 4.77 0.01	96.34 6.53 -6.37	205.13 15.01 0.00	200.60 15.26 -9.88	249.38 16.60 -55.00	541.21 36.61 -106.97	382.76 23.95 -85.15	222.11 16.60 0.00	281.39 19.63 0.00	86.79 6.05 -0.01	58.26 4.27 0.00	54.64 3.17 0.01
ASTORIA___2 24149	42.42 1.47 0.00	40.81 1.37 0.00	40.62 1.41 0.00	40.15 1.64 0.00	40.31 1.45 0.00	41.65 1.16 0.00	41.51 1.53 0.00	41.37 1.79 0.00	44.58 2.09 0.00	47.33 2.72 0.00	45.62 2.95 0.01	72.10 4.41 0.00	70.79 4.53 0.01	96.06 6.26 -6.37	204.46 14.34 0.00	199.99 14.65 -9.88	248.82 16.03 -55.00	539.86 35.26 -106.97	381.86 23.05 -85.15	221.50 15.99 0.00	280.50 18.74 0.00	86.52 5.78 -0.01	58.08 4.08 0.00	54.49 3.02 0.01
ASTORIA___3 23516	42.41 1.46 0.00	40.83 1.40 0.00	40.63 1.42 0.00	40.14 1.63 0.00	40.31 1.45 0.00	41.62 1.13 0.00	41.45 1.47 0.00	41.36 1.78 0.00	44.51 2.01 0.00	47.27 2.66 0.00	45.60 2.94 0.01	72.20 4.52 0.00	70.78 4.52 0.01	96.02 6.21 -6.37	204.01 13.89 0.00	195.04 14.20 -5.39	248.42 15.63 -55.00	539.17 34.57 -106.97	381.40 22.59 -85.15	218.47 15.41 2.45	276.75 18.19 3.18	81.95 5.63 4.43	58.02 4.02 0.00	49.90 3.00 4.58
ASTORIA___4 23517	42.41 1.46 0.00	40.83 1.39 0.00	40.62 1.42 0.00	40.14 1.62 0.00	40.31 1.45 0.00	41.61 1.12 0.00	41.43 1.45 0.00	41.36 1.78 0.00	44.51 2.01 0.00	47.27 2.66 0.00	45.60 2.94 0.01	72.20 4.52 0.00	70.78 4.52 0.01	96.02 6.21 -6.37	204.05 13.93 0.00	195.04 14.20 -5.39	248.42 15.64 -55.00	539.15 34.55 -106.97	381.39 22.57 -85.15	218.49 15.43 2.45	276.76 18.19 3.18	81.94 5.63 4.43	58.02 4.02 0.00	49.89 3.00 4.58
ASTORIA___5 23518	42.41 1.46 0.00	40.83 1.40 0.00	40.63 1.42 0.00	40.14 1.63 0.00	40.31 1.45 0.00	41.62 1.13 0.00	41.45 1.47 0.00	41.36 1.78 0.00	44.51 2.01 0.00	47.27 2.66 0.00	45.60 2.94 0.01	72.20 4.52 0.00	70.78 4.52 0.01	96.02 6.21 -6.37	204.01 13.89 0.00	195.04 14.20 -5.39	248.40 15.61 -55.00	539.17 34.57 -106.97	381.40 22.59 -85.15	218.47 15.41 2.45	276.75 18.19 3.18	81.95 5.63 4.43	58.02 4.02 0.00	49.90 3.00 4.58
AST_ENERGY_2_CC3 323677	42.49 1.54 0.00	40.86 1.43 0.00	40.62 1.42 0.00	40.13 1.62 0.00	40.32 1.46 0.00	41.66 1.17 0.00	41.43 1.45 0.00	41.38 1.81 0.00	44.57 2.07 0.00	47.34 2.73 0.00	45.70 3.02 0.00	72.31 4.63 0.00	71.02 4.75 0.00	96.30 6.48 -6.38	204.92 14.80 0.00	200.38 15.04 -9.89	249.14 16.34 -55.02	540.76 36.13 -107.00	382.45 23.64 -85.15	221.84 16.33 0.00	280.96 19.21 0.00	86.60 5.86 0.00	58.16 4.16 0.00	54.59 3.12 0.00
AST_ENERGY_2_CC4 323678	42.49 1.54 0.00	40.86 1.43 0.00	40.62 1.42 0.00	40.13 1.62 0.00	40.32 1.46 0.00	41.66 1.17 0.00	41.43 1.45 0.00	41.38 1.81 0.00	44.57 2.07 0.00	47.34 2.73 0.00	45.70 3.02 0.00	72.31 4.63 0.00	71.02 4.75 0.00	96.30 6.48 -6.38	204.92 14.80 0.00	200.38 15.04 -9.89	249.14 16.34 -55.02	540.76 36.13 -107.00	382.45 23.64 -85.15	221.84 16.33 0.00	280.96 19.21 0.00	86.60 5.86 0.00	58.16 4.16 0.00	54.59 3.12 0.00
ATHENS_STG_1 23668	41.78 0.83 0.00	40.21 0.77 0.00	40.07 0.87 0.00	39.46 0.95 0.00	39.72 0.86 0.00	41.23 0.75 0.00	40.69 0.71 0.00	40.40 0.82 0.00	43.34 0.85 0.00	45.77 1.16 0.00	43.95 1.27 0.00	69.53 1.84 0.00	68.12 1.86 0.00	87.53 2.37 -1.72	195.56 5.44 0.00	184.32 6.20 -2.67	199.33 6.69 -14.85	445.98 15.09 -33.27	374.37 10.39 -90.32	212.91 7.40 0.00	270.88 9.13 0.00	83.50 2.77 0.00	56.11 2.11 0.00	53.32 1.85 0.00
ATHENS_STG_2 23670	41.78 0.83 0.00	40.21 0.77 0.00	40.07 0.87 0.00	39.46 0.95 0.00	39.72 0.86 0.00	41.23 0.75 0.00	40.69 0.71 0.00	40.40 0.82 0.00	43.34 0.85 0.00	45.77 1.16 0.00	43.95 1.27 0.00	69.53 1.84 0.00	68.12 1.86 0.00	87.53 2.37 -1.72	195.56 5.44 0.00	184.32 6.20 -2.67	199.33 6.69 -14.85	445.98 15.09 -33.27	374.37 10.39 -90.32	212.91 7.40 0.00	270.88 9.13 0.00	83.50 2.77 0.00	56.11 2.11 0.00	53.32 1.85 0.00

ATHENS_STG_3 23677	41.78 0.83 0.00	40.21 0.77 0.00	40.07 0.87 0.00	39.46 0.95 0.00	39.72 0.86 0.00	41.23 0.75 0.00	40.69 0.71 0.00	40.40 0.82 0.00	43.34 0.85 0.00	45.77 1.16 0.00	43.95 1.27 0.00	69.53 1.84 0.00	68.12 1.86 0.00	87.53 2.37 -1.72	195.56 5.44 0.00	184.32 6.20 -2.67	199.33 6.69 -14.85	445.98 15.09 -33.27	374.37 10.39 -90.32	212.91 7.40 0.00	270.88 9.13 0.00	83.50 2.77 0.00	56.11 2.11 0.00	53.32 1.85 0.00
AUBURN____LFGE 323710	42.35 1.41 0.00	40.81 1.37 0.00	40.26 1.06 0.00	39.60 1.08 0.00	40.05 1.19 0.00	41.65 1.16 0.00	41.27 1.29 0.00	40.85 1.27 0.00	43.94 1.45 0.00	46.42 1.81 0.00	44.69 2.02 0.00	70.59 2.90 0.00	69.14 2.87 0.00	87.20 3.76 0.00	199.36 9.24 0.00	183.30 7.85 0.00	186.00 8.22 0.00	415.10 16.82 -0.65	294.77 11.17 -9.94	217.86 10.92 -1.42	276.75 14.11 -0.89	84.94 4.20 0.00	56.49 2.49 0.00	53.24 1.77 0.00
BABYLON_RES_REC 323704	43.38 2.39 -0.04	41.81 2.38 0.00	41.71 2.51 0.00	41.22 2.71 0.00	41.26 2.39 0.00	42.26 1.77 0.00	42.08 2.10 0.00	42.04 2.47 0.00	44.51 2.01 0.00	47.06 2.45 0.00	45.62 2.95 0.00	74.49 4.18 -2.62	90.41 4.37 -19.77	110.72 6.15 -21.14	210.51 14.53 -5.86	205.18 15.13 -14.59	291.27 16.17 -97.31	539.57 35.78 -106.16	381.77 22.93 -85.18	221.87 15.37 -0.98	278.56 16.77 -0.04	87.16 5.46 -0.97	57.85 3.95 0.10	54.71 3.24 0.00
BABYLON__69_KV_BK2 356345	44.03 2.97 -0.12	42.36 2.92 0.00	42.24 3.04 0.00	41.74 3.23 0.00	41.79 2.92 0.00	42.78 2.29 0.00	42.59 2.61 0.00	42.56 2.98 0.00	45.27 2.78 0.00	48.00 3.38 0.00	46.61 3.93 0.00	81.86 5.86 -8.31	134.83 5.98 -62.58	149.03 8.27 -57.32	234.37 19.29 -24.96	225.97 19.24 -31.28	304.87 20.42 -106.67	551.98 45.21 -109.14	388.56 29.17 -85.73	237.50 20.22 -11.77	284.76 22.88 -0.13	91.84 7.37 -3.73	59.09 5.20 0.11	55.60 4.13 0.00
BARON_WINDS____WT_PWR 323822	41.66 0.71 0.00	39.86 0.42 0.00	39.35 0.15 0.00	38.50 -0.01 0.00	38.95 0.09 0.00	40.65 0.16 0.00	40.08 0.10 0.00	39.71 0.13 0.00	43.24 0.75 0.00	46.53 1.92 0.00	44.69 2.01 0.00	70.92 3.23 0.00	69.09 2.83 0.00	86.67 3.23 0.00	197.35 7.23 0.00	179.59 4.14 0.00	181.54 3.76 0.00	403.96 5.14 -1.19	294.36 2.41 -18.29	209.81 4.29 0.00	270.07 8.32 0.00	82.53 1.80 0.00	55.29 1.30 0.00	52.36 0.89 0.00
BARRETT_IC_1 23704	42.92 1.97 -0.01	41.37 1.93 0.00	41.22 2.02 0.00	40.69 2.18 0.00	40.80 1.94 0.00	41.94 1.45 0.00	41.69 1.71 0.00	41.50 1.92 0.00	44.27 1.77 0.00	46.89 2.28 0.00	45.38 2.71 0.00	71.71 4.02 0.00	70.43 4.16 0.00	95.53 5.76 -6.33	203.81 13.68 0.00	200.56 14.21 -10.89	290.27 15.40 -97.09	537.62 33.83 -106.16	380.48 21.64 -85.18	219.90 14.39 0.00	277.43 15.69 0.01	86.94 5.42 -0.79	112.03 4.18 -53.85	54.75 3.27 -0.01
BARRETT_IC_10 23701	42.92 1.97 -0.01	41.37 1.93 0.00	41.22 2.02 0.00	40.69 2.18 0.00	40.80 1.94 0.00	41.94 1.45 0.00	41.69 1.71 0.00	41.50 1.92 0.00	44.27 1.77 0.00	46.89 2.28 0.00	45.38 2.71 0.00	71.71 4.02 0.00	70.43 4.16 0.00	95.53 5.76 -6.33	203.81 13.68 0.00	200.56 14.21 -10.89	290.27 15.40 -97.09	537.62 33.83 -106.16	380.48 21.64 -85.18	219.90 14.39 0.00	277.43 15.69 0.01	86.94 5.42 -0.79	112.03 4.18 -53.85	54.75 3.27 -0.01
BARRETT_IC_11 23702	42.92 1.97 -0.01	41.37 1.93 0.00	41.22 2.02 0.00	40.69 2.18 0.00	40.80 1.94 0.00	41.94 1.45 0.00	41.69 1.71 0.00	41.50 1.92 0.00	44.27 1.77 0.00	46.89 2.28 0.00	45.38 2.71 0.00	71.71 4.02 0.00	70.43 4.16 0.00	95.53 5.76 -6.33	203.81 13.68 0.00	200.56 14.21 -10.89	290.27 15.40 -97.09	537.62 33.83 -106.16	380.48 21.64 -85.18	219.90 14.39 0.00	277.43 15.69 0.01	86.94 5.42 -0.79	112.03 4.18 -53.85	54.75 3.27 -0.01
BARRETT_IC_12 23703	42.92 1.97 -0.01	41.37 1.93 0.00	41.22 2.02 0.00	40.69 2.18 0.00	40.80 1.94 0.00	41.94 1.45 0.00	41.69 1.71 0.00	41.50 1.92 0.00	44.27 1.77 0.00	46.89 2.28 0.00	45.38 2.71 0.00	71.71 4.02 0.00	70.43 4.16 0.00	95.53 5.76 -6.33	203.81 13.68 0.00	200.56 14.21 -10.89	290.27 15.40 -97.09	537.62 33.83 -106.16	380.48 21.64 -85.18	219.90 14.39 0.00	277.43 15.69 0.01	86.94 5.42 -0.79	112.03 4.18 -53.85	54.75 3.27 -0.01
BARRETT_IC_2 23705	42.92 1.97 -0.01	41.37 1.93 0.00	41.22 2.02 0.00	40.69 2.18 0.00	40.80 1.94 0.00	41.94 1.45 0.00	41.69 1.71 0.00	41.50 1.92 0.00	44.27 1.77 0.00	46.89 2.28 0.00	45.38 2.71 0.00	71.71 4.02 0.00	70.43 4.16 0.00	95.53 5.76 -6.33	203.81 13.68 0.00	200.56 14.21 -10.89	290.27 15.40 -97.09	537.62 33.83 -106.16	380.48 21.64 -85.18	219.90 14.39 0.00	277.43 15.69 0.01	86.94 5.42 -0.79	112.03 4.18 -53.85	54.75 3.27 -0.01
BARRETT_IC_3 23706	42.92 1.97 -0.01	41.37 1.93 0.00	41.22 2.02 0.00	40.69 2.18 0.00	40.80 1.94 0.00	41.94 1.45 0.00	41.69 1.71 0.00	41.50 1.92 0.00	44.27 1.77 0.00	46.89 2.28 0.00	45.38 2.71 0.00	71.71 4.02 0.00	70.43 4.16 0.00	95.53 5.76 -6.33	203.81 13.68 0.00	200.56 14.21 -10.89	290.27 15.40 -97.09	537.62 33.83 -106.16	380.48 21.64 -85.18	219.90 14.39 0.00	277.43 15.69 0.01	86.94 5.42 -0.79	112.03 4.18 -53.85	54.75 3.27 -0.01
BARRETT_IC_4 23707	42.92 1.97 -0.01	41.37 1.93 0.00	41.22 2.02 0.00	40.69 2.18 0.00	40.80 1.94 0.00	41.94 1.45 0.00	41.69 1.71 0.00	41.50 1.92 0.00	44.27 1.77 0.00	46.89 2.28 0.00	45.38 2.71 0.00	71.71 4.02 0.00	70.43 4.16 0.00	95.53 5.76 -6.33	203.81 13.68 0.00	200.56 14.21 -10.89	290.27 15.40 -97.09	537.62 33.83 -106.16	380.48 21.64 -85.18	219.90 14.39 0.00	277.43 15.69 0.01	86.94 5.42 -0.79	112.03 4.18 -53.85	54.75 3.27 -0.01
BARRETT_IC_5 23708	42.92 1.97 -0.01	41.37 1.93 0.00	41.22 2.02 0.00	40.69 2.18 0.00	40.80 1.94 0.00	41.94 1.45 0.00	41.69 1.71 0.00	41.50 1.92 0.00	44.27 1.77 0.00	46.89 2.28 0.00	45.38 2.71 0.00	71.71 4.02 0.00	70.43 4.16 0.00	95.53 5.76 -6.33	203.81 13.68 0.00	200.56 14.21 -10.89	290.27 15.40 -97.09	537.62 33.83 -106.16	380.48 21.64 -85.18	219.90 14.39 0.00	277.43 15.69 0.01	86.94 5.42 -0.79	112.03 4.18 -53.85	54.75 3.27 -0.01
BARRETT_IC_6 23709	42.92 1.97 -0.01	41.37 1.93 0.00	41.22 2.02 0.00	40.69 2.18 0.00	40.80 1.94 0.00	41.94 1.45 0.00	41.69 1.71 0.00	41.50 1.92 0.00	44.27 1.77 0.00	46.89 2.28 0.00	45.38 2.71 0.00	71.71 4.02 0.00	70.43 4.16 0.00	95.53 5.76 -6.33	203.81 13.68 0.00	200.56 14.21 -10.89	290.27 15.40 -97.09	537.62 33.83 -106.16	380.48 21.64 -85.18	219.90 14.39 0.00	277.43 15.69 0.01	86.94 5.42 -0.79	112.03 4.18 -53.85	54.75 3.27 -0.01
BARRETT_IC_7 23710	42.92 1.97 0.00	41.37 1.93 0.00	41.22 2.02 0.00	40.70 2.19 0.00	40.81 1.95 0.00	41.95 1.46 0.00	41.69 1.71 0.00	41.51 1.93 0.00	44.26 1.77 0.00	46.89 2.28 0.00	45.38 2.71 0.00	71.71 4.02 0.00	70.42 4.16 0.00	95.52 5.76 -6.33	203.82 13.70 0.00	200.53 14.20 -10.88	290.23 15.35 -97.09	537.56 33.77 -106.16	380.48 21.64 -85.18	219.90 14.39 0.00	277.39 15.64 0.00	86.95 5.43 -0.78	112.03 4.18 -53.85	54.74 3.27 0.00

BARRETT_IC_8 23711	42.92 1.97 -0.01	41.37 1.93 0.00	41.22 2.02 0.00	40.69 2.18 0.00	40.80 1.94 0.00	41.94 1.45 0.00	41.69 1.71 0.00	41.50 1.92 0.00	44.27 1.77 0.00	46.89 2.28 0.00	45.38 2.71 0.00	71.71 4.02 0.00	70.43 4.16 0.00	95.53 5.76 -6.33	203.81 13.68 0.00	200.56 14.21 -10.89	290.27 15.40 -97.09	537.62 33.83 -106.16	380.48 21.64 -85.18	219.90 14.39 0.00	277.43 15.69 0.01	86.94 5.42 -0.79	112.03 4.18 -53.85	54.75 3.27 -0.01
BARRETT_IC_9 23700	42.92 1.97 -0.01	41.37 1.93 0.00	41.22 2.02 0.00	40.69 2.18 0.00	40.80 1.94 0.00	41.94 1.45 0.00	41.69 1.71 0.00	41.50 1.92 0.00	44.27 1.77 0.00	46.89 2.28 0.00	45.38 2.71 0.00	71.71 4.02 0.00	70.43 4.16 0.00	95.53 5.76 -6.33	203.81 13.68 0.00	200.56 14.21 -10.89	290.27 15.40 -97.09	537.62 33.83 -106.16	380.48 21.64 -85.18	219.90 14.39 0.00	277.43 15.69 0.01	86.94 5.42 -0.79	112.03 4.18 -53.85	54.75 3.27 -0.01
BARRETT___1 23545	42.92 1.97 -0.01	41.37 1.93 0.00	41.22 2.02 0.00	40.69 2.18 0.00	40.80 1.94 0.00	41.94 1.45 0.00	41.69 1.71 0.00	41.50 1.92 0.00	44.27 1.77 0.00	46.89 2.28 0.00	45.38 2.71 0.00	71.71 4.02 0.00	70.43 4.16 0.00	95.53 5.76 -6.33	203.81 13.68 0.00	200.56 14.21 -10.89	290.27 15.40 -97.09	537.62 33.83 -106.16	380.48 21.64 -85.18	219.90 14.39 0.00	277.43 15.69 0.01	86.94 5.42 -0.79	112.03 4.18 -53.85	54.75 3.27 -0.01
BARRETT___2 23546	42.92 1.97 -0.01	41.37 1.93 0.00	41.22 2.02 0.00	40.69 2.18 0.00	40.80 1.94 0.00	41.94 1.45 0.00	41.69 1.71 0.00	41.50 1.92 0.00	44.27 1.77 0.00	46.89 2.28 0.00	45.38 2.71 0.00	71.71 4.02 0.00	70.43 4.16 0.00	95.53 5.76 -6.33	203.81 13.68 0.00	200.56 14.21 -10.89	290.27 15.40 -97.09	537.62 33.83 -106.16	380.48 21.64 -85.18	219.90 14.39 0.00	277.43 15.69 0.01	86.94 5.42 -0.79	112.03 4.18 -53.85	54.75 3.27 -0.01
BATAVIA___115KV_TB1 55881	42.77 1.82 0.00	40.60 1.16 0.00	39.84 0.64 0.00	38.73 0.21 0.00	39.19 0.33 0.00	41.24 0.75 0.00	69.14 1.37 -27.79	40.53 0.95 0.00	44.21 1.72 0.00	47.76 3.15 0.00	46.18 3.50 0.00	73.47 5.78 0.00	71.45 5.19 0.00	89.28 5.84 0.00	201.99 11.87 0.00	181.94 6.48 -0.01	183.14 5.35 0.00	410.29 10.76 -1.91	292.93 8.24 -11.03	214.75 9.24 0.00	277.67 15.92 0.00	85.39 4.65 0.00	56.56 2.57 0.00	53.15 1.68 0.00
BAYONEEC___CTG1 323682	42.49 1.54 0.00	40.74 1.42 0.12	40.63 1.43 0.00	40.16 1.65 0.00	40.34 1.48 0.00	41.00 1.17 0.66	41.11 1.44 0.31	41.38 1.80 0.00	44.57 2.08 0.00	47.35 2.75 0.00	45.72 3.04 0.00	71.37 4.63 0.94	65.85 4.75 5.16	84.48 6.48 5.44	174.06 14.77 30.82	150.20 15.00 40.25	179.09 16.34 15.03	432.93 36.11 0.82	372.66 23.61 -75.38	215.53 16.31 6.29	274.60 19.21 6.36	85.37 5.86 1.23	58.16 4.17 0.00	54.60 3.13 0.00
BAYONEEC___CTG10 323750	42.49 1.54 0.00	40.74 1.42 0.12	40.63 1.43 0.00	40.16 1.65 0.00	40.34 1.48 0.00	41.00 1.17 0.66	41.11 1.44 0.31	41.38 1.80 0.00	44.57 2.08 0.00	47.35 2.75 0.00	45.72 3.04 0.00	71.37 4.63 0.94	65.85 4.75 5.16	84.48 6.48 5.44	174.06 14.77 30.82	150.20 15.00 40.25	179.09 16.34 15.03	432.93 36.11 0.82	372.66 23.61 -75.38	215.53 16.31 6.29	274.60 19.21 6.36	85.37 5.86 1.23	58.16 4.17 0.00	54.60 3.13 0.00
BAYONEEC___CTG2 323683	42.49 1.54 0.00	40.74 1.42 0.12	40.63 1.43 0.00	40.16 1.65 0.00	40.34 1.48 0.00	41.00 1.17 0.66	41.11 1.44 0.31	41.38 1.80 0.00	44.57 2.08 0.00	47.35 2.75 0.00	45.72 3.04 0.00	71.37 4.63 0.94	65.85 4.75 5.16	84.48 6.48 5.44	174.06 14.77 30.82	150.20 15.00 40.25	179.09 16.34 15.03	432.93 36.11 0.82	372.66 23.61 -75.38	215.53 16.31 6.29	274.60 19.21 6.36	85.37 5.86 1.23	58.16 4.17 0.00	54.60 3.13 0.00
BAYONEEC___CTG3 323684	42.49 1.54 0.00	40.74 1.42 0.12	40.63 1.43 0.00	40.16 1.65 0.00	40.34 1.48 0.00	41.00 1.17 0.66	41.11 1.44 0.31	41.38 1.80 0.00	44.57 2.08 0.00	47.35 2.75 0.00	45.72 3.04 0.00	71.37 4.63 0.94	65.85 4.75 5.16	84.48 6.48 5.44	174.06 14.77 30.82	150.20 15.00 40.25	179.09 16.34 15.03	432.93 36.11 0.82	372.66 23.61 -75.38	215.53 16.31 6.29	274.60 19.21 6.36	85.37 5.86 1.23	58.16 4.17 0.00	54.60 3.13 0.00
BAYONEEC___CTG4 323685	42.49 1.54 0.00	40.74 1.42 0.12	40.63 1.43 0.00	40.16 1.65 0.00	40.34 1.48 0.00	41.00 1.17 0.66	41.11 1.44 0.31	41.38 1.80 0.00	44.57 2.08 0.00	47.35 2.75 0.00	45.72 3.04 0.00	71.37 4.63 0.94	65.85 4.75 5.16	84.48 6.48 5.44	174.06 14.77 30.82	150.20 15.00 40.25	179.09 16.34 15.03	432.93 36.11 0.82	372.66 23.61 -75.38	215.53 16.31 6.29	274.60 19.21 6.36	85.37 5.86 1.23	58.16 4.17 0.00	54.60 3.13 0.00
BAYONEEC___CTG5 323686	42.49 1.54 0.00	40.74 1.42 0.12	40.63 1.43 0.00	40.16 1.65 0.00	40.34 1.48 0.00	41.00 1.17 0.66	41.11 1.44 0.31	41.38 1.80 0.00	44.57 2.08 0.00	47.35 2.75 0.00	45.72 3.04 0.00	71.37 4.63 0.94	65.85 4.75 5.16	84.48 6.48 5.44	174.06 14.77 30.82	150.20 15.00 40.25	179.09 16.34 15.03	432.93 36.11 0.82	372.66 23.61 -75.38	215.53 16.31 6.29	274.60 19.21 6.36	85.37 5.86 1.23	58.16 4.17 0.00	54.60 3.13 0.00
BAYONEEC___CTG6 323687	42.49 1.54 0.00	40.74 1.42 0.12	40.63 1.43 0.00	40.16 1.65 0.00	40.34 1.48 0.00	41.00 1.17 0.66	41.11 1.44 0.31	41.38 1.80 0.00	44.57 2.08 0.00	47.35 2.75 0.00	45.72 3.04 0.00	71.37 4.63 0.94	65.85 4.75 5.16	84.48 6.48 5.44	174.06 14.77 30.82	150.20 15.00 40.25	179.09 16.34 15.03	432.93 36.11 0.82	372.66 23.61 -75.38	215.53 16.31 6.29	274.60 19.21 6.36	85.37 5.86 1.23	58.16 4.17 0.00	54.60 3.13 0.00
BAYONEEC___CTG7 323688	42.49 1.54 0.00	40.74 1.42 0.12	40.63 1.43 0.00	40.16 1.65 0.00	40.34 1.48 0.00	41.00 1.17 0.66	41.11 1.44 0.31	41.38 1.80 0.00	44.57 2.08 0.00	47.35 2.75 0.00	45.72 3.04 0.00	71.37 4.63 0.94	65.85 4.75 5.16	84.48 6.48 5.44	174.06 14.77 30.82	150.20 15.00 40.25	179.09 16.34 15.03	432.93 36.11 0.82	372.66 23.61 -75.38	215.53 16.31 6.29	274.60 19.21 6.36	85.37 5.86 1.23	58.16 4.17 0.00	54.60 3.13 0.00
BAYONEEC___CTG8 323689	42.49 1.54 0.00	40.74 1.42 0.12	40.63 1.43 0.00	40.16 1.65 0.00	40.34 1.48 0.00	41.00 1.17 0.66	41.11 1.44 0.31	41.38 1.80 0.00	44.57 2.08 0.00	47.35 2.75 0.00	45.72 3.04 0.00	71.37 4.63 0.94	65.85 4.75 5.16	84.48 6.48 5.44	174.06 14.77 30.82	150.20 15.00 40.25	179.09 16.34 15.03	432.93 36.11 0.82	372.66 23.61 -75.38	215.53 16.31 6.29	274.60 19.21 6.36	85.37 5.86 1.23	58.16 4.17 0.00	54.60 3.13 0.00
BAYONEEC___CTG9 323749	42.49 1.54 0.00	40.74 1.42 0.12	40.63 1.43 0.00	40.16 1.65 0.00	40.34 1.48 0.00	41.00 1.17 0.66	41.11 1.44 0.31	41.38 1.80 0.00	44.57 2.08 0.00	47.35 2.75 0.00	45.72 3.04 0.00	71.37 4.63 0.94	65.85 4.75 5.16	84.48 6.48 5.44	174.06 14.77 30.82	150.20 15.00 40.25	179.09 16.34 15.03	432.93 36.11 0.82	372.66 23.61 -75.38	215.53 16.31 6.29	274.60 19.21 6.36	85.37 5.86 1.23	58.16 4.17 0.00	54.60 3.13 0.00

BEACON___LESR 323632	41.95 1.00 0.00	40.29 0.85 0.00	40.01 0.81 0.00	39.39 0.88 0.00	39.69 0.83 0.00	41.32 0.83 0.00	40.90 0.92 0.00	40.61 1.03 0.00	43.52 1.02 0.00	45.87 1.26 0.00	43.77 1.10 0.00	69.33 1.64 0.00	68.05 1.79 0.00	87.13 2.24 -1.46	194.93 4.81 0.00	183.55 5.83 -2.27	196.48 6.08 -12.61	448.76 15.82 -35.31	470.38 11.72 -185.00	213.79 8.28 0.00	271.78 10.03 0.00	83.20 2.47 0.00	55.96 1.96 0.00	53.24 1.76 0.00
BEAVER RIVER___HYD 24048	41.03 0.08 0.00	39.48 0.04 0.00	39.01 -0.20 0.00	38.40 -0.11 0.00	39.07 0.21 0.00	40.94 0.45 0.00	40.66 0.68 0.00	40.13 0.55 0.00	43.03 0.54 0.00	45.14 0.53 0.00	42.84 0.17 0.00	67.93 0.24 0.00	66.71 0.45 0.00	83.81 0.37 0.00	189.72 -0.40 0.00	174.12 -1.34 0.00	176.32 -1.47 0.00	398.15 0.52 0.00	275.78 2.12 0.00	236.31 4.15 -26.64	285.55 7.15 -16.66	82.65 1.92 0.00	54.28 0.28 0.00	50.86 -0.61 0.00
BEEBEE_GT_13 23619	42.14 1.19 0.00	40.17 0.73 0.00	39.56 0.35 0.00	38.58 0.07 0.00	38.99 0.13 0.00	40.87 0.38 0.00	40.49 0.51 0.00	40.05 0.47 0.00	43.42 0.93 0.00	46.61 2.00 0.00	44.99 2.31 0.00	71.72 4.03 0.00	69.91 3.65 0.00	87.60 4.16 0.00	198.93 8.81 0.00	181.60 6.15 0.00	183.89 6.10 0.00	409.24 11.00 -0.61	290.72 7.77 -9.29	213.72 8.21 0.00	274.90 13.15 0.00	84.71 3.98 0.00	56.22 2.22 0.00	52.92 1.45 0.00
BENSHRST_27_KV_BENSHRST_1 355998	43.00 2.06 0.00	41.34 1.90 0.00	41.08 1.87 0.00	40.58 2.07 0.00	40.75 1.89 0.00	42.06 1.58 0.00	41.97 1.99 0.00	41.95 2.37 0.00	50.17 2.68 -5.00	48.02 3.41 0.00	50.04 3.69 -3.67	76.43 5.70 -3.03	86.11 5.60 -14.24	97.49 7.67 -6.39	206.83 16.71 0.00	197.61 16.77 -5.39	251.42 18.63 -55.00	545.97 41.37 -106.97	385.80 26.98 -85.15	221.69 18.63 2.45	280.94 22.38 3.18	98.58 6.98 -10.86	75.81 4.96 -16.85	63.98 3.78 -8.72
BETHLEHEM___GRP 23843	41.37 0.42 0.00	39.78 0.34 0.00	39.63 0.43 0.00	39.00 0.49 0.00	39.27 0.41 0.00	40.84 0.35 0.00	40.31 0.33 0.00	40.01 0.43 0.00	42.81 0.32 0.00	45.05 0.44 0.00	43.05 0.37 0.00	67.99 0.30 0.00	66.70 0.43 0.00	85.43 0.54 -1.46	191.60 1.48 0.00	180.45 2.74 -2.26	193.14 2.79 -12.56	440.52 7.79 -35.10	462.79 6.07 -183.06	209.59 4.08 0.00	266.76 5.02 0.00	82.00 1.26 0.00	55.15 1.15 0.00	52.47 1.00 0.00
BETHLEHEM___GS1 323560	41.37 0.42 0.00	39.78 0.34 0.00	39.63 0.43 0.00	39.00 0.49 0.00	39.27 0.41 0.00	40.84 0.35 0.00	40.31 0.34 0.00	40.01 0.43 0.00	42.81 0.32 0.00	45.05 0.44 0.00	43.05 0.37 0.00	67.99 0.30 0.00	66.71 0.44 0.00	85.44 0.54 -1.46	191.60 1.48 0.00	180.45 2.74 -2.26	193.13 2.78 -12.56	440.51 7.78 -35.10	462.77 6.05 -183.06	209.59 4.08 0.00	266.76 5.01 0.00	82.00 1.26 0.00	55.16 1.16 0.00	52.47 1.00 0.00
BETHLEHEM___GS2 323561	41.37 0.42 0.00	39.78 0.34 0.00	39.63 0.43 0.00	39.00 0.49 0.00	39.27 0.41 0.00	40.84 0.35 0.00	40.31 0.34 0.00	40.01 0.43 0.00	42.81 0.32 0.00	45.05 0.44 0.00	43.05 0.37 0.00	67.99 0.30 0.00	66.71 0.44 0.00	85.44 0.54 -1.46	191.60 1.48 0.00	180.45 2.74 -2.26	193.13 2.78 -12.56	440.51 7.78 -35.10	462.77 6.05 -183.06	209.59 4.08 0.00	266.76 5.01 0.00	82.00 1.26 0.00	55.16 1.16 0.00	52.47 1.00 0.00
BETHLEHEM___GS3 323562	41.37 0.42 0.00	39.78 0.34 0.00	39.63 0.43 0.00	39.00 0.49 0.00	39.27 0.41 0.00	40.84 0.35 0.00	40.31 0.34 0.00	40.01 0.43 0.00	42.81 0.32 0.00	45.05 0.44 0.00	43.05 0.37 0.00	67.99 0.30 0.00	66.71 0.44 0.00	85.44 0.54 -1.46	191.60 1.48 0.00	180.45 2.74 -2.26	193.13 2.78 -12.56	440.51 7.78 -35.10	462.77 6.05 -183.06	209.59 4.08 0.00	266.76 5.01 0.00	82.00 1.26 0.00	55.16 1.16 0.00	52.47 1.00 0.00
BETHLEHEM___STEEL 23779	41.96 1.01 0.00	39.89 0.46 0.00	39.15 -0.05 0.00	38.07 -0.44 0.00	38.55 -0.31 0.00	40.41 -0.08 0.00	40.03 0.05 0.00	39.64 0.06 0.00	43.30 0.80 0.00	46.95 2.34 0.00	45.34 2.67 0.00	72.13 4.44 0.00	69.97 3.70 0.00	87.41 3.97 0.00	198.03 7.91 0.00	179.62 4.17 -0.01	181.66 3.87 0.00	404.36 4.58 -2.15	289.57 2.49 -13.42	210.08 4.57 0.00	273.04 11.30 0.00	83.82 3.09 0.00	55.70 1.70 0.00	52.44 0.97 0.00
BETHLHEM_115KV_TB1 79974	41.46 0.50 0.00	39.88 0.44 0.00	39.74 0.53 0.00	39.10 0.58 0.00	39.37 0.50 0.00	40.95 0.45 0.00	40.40 0.42 0.00	40.09 0.51 0.00	42.92 0.43 0.00	45.17 0.56 0.00	43.16 0.49 0.00	68.20 0.51 0.00	66.88 0.62 0.00	85.67 0.78 -1.45	192.13 2.01 0.00	180.87 3.17 -2.25	193.58 3.28 -12.52	441.02 8.67 -34.72	458.83 6.66 -178.51	210.11 4.59 0.00	267.40 5.65 0.00	82.23 1.49 0.00	55.31 1.31 0.00	52.61 1.14 0.00
BETHPAGE_CC_5 323564	43.06 2.09 -0.02	41.49 2.06 0.00	41.38 2.18 0.00	40.88 2.36 0.00	40.93 2.07 0.00	42.00 1.51 0.00	41.81 1.83 0.00	41.74 2.16 0.00	44.49 2.00 0.00	47.09 2.48 0.00	45.65 2.98 0.00	72.85 4.45 -0.71	76.22 4.64 -5.32	98.26 6.48 -8.34	205.48 15.36 0.00	202.06 15.71 -10.89	291.79 16.92 -97.09	541.06 37.26 -106.16	382.75 23.91 -85.18	221.52 16.01 0.00	279.33 17.58 0.00	86.41 5.72 0.05	59.16 4.10 -1.06	54.74 3.27 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	42.06 1.11 0.00	39.99 0.56 0.00	39.25 0.04 0.00	38.18 -0.33 0.00	38.65 -0.20 0.00	40.51 0.03 0.00	40.14 0.16 0.00	39.76 0.18 0.00	43.45 0.95 0.00	47.11 2.50 0.00	45.50 2.83 0.00	72.42 4.73 0.00	70.26 3.99 0.00	87.84 4.41 0.00	199.08 8.96 0.00	180.56 5.11 -0.01	182.63 4.84 0.00	406.30 6.57 -2.10	291.09 3.81 -13.62	210.90 5.39 0.00	274.06 12.31 0.00	84.09 3.35 0.00	55.84 1.84 0.00	52.57 1.10 0.00
BINGHAMTON___COGEN 23790	41.64 0.69 0.00	40.06 0.62 0.00	39.69 0.49 0.00	38.96 0.45 0.00	39.36 0.50 0.00	41.02 0.53 0.00	40.51 0.53 0.00	40.13 0.55 0.00	43.32 0.83 0.00	45.99 1.38 0.00	44.09 1.41 0.00	69.84 2.15 0.00	68.42 2.15 0.00	86.23 2.80 0.00	196.75 6.62 0.00	180.53 5.08 0.00	183.04 5.26 0.00	410.06 10.58 -1.85	308.33 6.33 -28.34	211.46 5.95 0.00	270.45 8.70 0.00	83.16 2.42 0.00	55.57 1.57 0.00	52.76 1.29 0.00
BIXINCNT_115KV_LOAD 355685	41.93 0.98 0.00	40.00 0.57 0.00	39.37 0.17 0.00	38.39 -0.13 0.00	38.81 -0.06 0.00	40.49 0.01 0.00	40.19 0.21 0.00	39.91 0.33 0.00	43.77 1.28 0.00	47.39 2.78 0.00	45.67 3.00 0.00	72.56 4.87 0.00	70.41 4.15 0.00	88.08 4.65 0.00	199.82 9.70 0.00	180.89 5.43 0.00	182.41 4.62 0.00	404.27 4.72 -1.91	291.26 3.06 -14.53	210.23 4.72 0.00	273.43 11.68 0.00	83.93 3.20 0.00	55.75 1.75 0.00	52.26 0.79 0.00
BLACK RIVER___HYD 24047	41.89 0.94 0.00	40.24 0.80 0.00	39.61 0.41 0.00	39.05 0.53 0.00	39.81 0.94 0.00	41.77 1.28 0.00	41.51 1.53 0.00	40.92 1.34 0.00	43.87 1.37 0.00	46.16 1.55 0.00	43.87 1.19 0.00	69.19 1.50 0.00	68.23 1.97 0.00	85.75 2.32 0.00	193.64 3.52 0.00	177.62 2.16 0.00	180.19 2.41 0.00	406.97 9.34 0.00	282.08 8.42 0.00	235.07 10.95 -18.61	289.60 16.22 -11.64	85.24 4.50 0.00	55.87 1.87 0.00	51.97 0.50 0.00

BLACKRVR_115KV_TB2 79977	41.89 0.94 0.00	40.24 0.80 0.00	39.61 0.41 0.00	39.04 0.53 0.00	39.81 0.94 0.00	41.76 1.27 0.00	41.51 1.53 0.00	40.92 1.34 0.00	43.87 1.37 0.00	46.16 1.55 0.00	43.87 1.19 0.00	69.19 1.50 0.00	68.23 1.97 0.00	85.75 2.32 0.00	193.64 3.52 0.00	177.63 2.18 0.00	180.20 2.42 0.00	406.97 9.34 0.00	282.04 8.38 0.00	235.10 10.98 -18.61	289.60 16.22 -11.64	85.24 4.51 0.00	55.87 1.87 0.00	51.97 0.50 0.00
BLISS_WT_PWR 323608	41.94 0.99 0.00	40.02 0.58 0.00	39.41 0.21 0.00	38.43 -0.08 0.00	38.83 -0.04 0.00	40.48 -0.01 0.00	40.16 0.18 0.00	39.92 0.34 0.00	43.82 1.32 0.00	47.46 2.85 0.00	45.76 3.08 0.00	72.69 5.00 0.00	70.53 4.26 0.00	88.24 4.80 0.00	200.15 10.03 0.00	181.11 5.66 0.00	182.57 4.78 0.00	404.15 4.61 -1.91	291.55 3.36 -14.53	210.35 4.84 0.00	273.63 11.88 0.00	84.04 3.30 0.00	55.78 1.79 0.00	52.22 0.74 0.00
BLUESTONE___WT_PWR 323821	43.60 2.65 0.00	41.86 2.42 0.00	41.48 2.28 0.00	40.74 2.23 0.00	41.15 2.29 0.00	43.00 2.51 0.00	42.54 2.56 0.00	42.12 2.54 0.00	45.38 2.88 0.00	48.12 3.52 0.00	46.00 3.33 0.00	72.95 5.26 0.00	71.59 5.33 0.00	90.30 6.87 0.00	206.45 16.32 0.00	189.56 14.11 0.00	193.03 15.24 0.00	435.56 35.34 -2.59	338.26 24.84 -39.76	225.47 19.96 0.00	287.60 25.85 0.00	88.09 7.35 0.00	58.56 4.56 0.00	55.32 3.85 0.00
BLUE_CIRC_CHEM_DRP 24182	41.36 0.41 0.00	39.80 0.36 0.00	39.68 0.48 0.00	39.03 0.52 0.00	39.31 0.44 0.00	40.91 0.41 0.00	40.32 0.34 0.00	39.96 0.38 0.00	42.73 0.23 0.00	44.86 0.25 0.00	42.75 0.07 0.00	67.54 -0.15 0.00	66.22 -0.05 0.00	84.57 -0.19 -1.33	190.20 0.07 0.00	178.85 1.34 -2.06	190.58 1.35 -11.44	433.14 4.15 -31.35	434.85 3.82 -157.37	208.32 2.81 0.00	265.81 4.06 0.00	81.80 1.07 0.00	55.05 1.05 0.00	52.46 0.99 0.00
BOC_GAS_DRP 24189	41.64 0.69 0.00	40.06 0.63 0.00	39.94 0.73 0.00	39.29 0.78 0.00	39.57 0.71 0.00	41.13 0.65 0.00	40.56 0.58 0.00	40.25 0.67 0.00	43.11 0.62 0.00	45.41 0.80 0.00	43.45 0.77 0.00	68.66 0.97 0.00	67.29 1.02 0.00	86.10 1.24 -1.42	193.14 3.02 0.00	181.56 3.90 -2.21	194.16 4.08 -12.28	440.23 9.96 -32.64	434.14 7.31 -153.16	210.73 5.22 0.00	268.32 6.57 0.00	82.64 1.91 0.00	55.58 1.58 0.00	52.91 1.44 0.00
BOONVILLE_115KV_TB1 79983	41.83 0.88 0.00	40.25 0.80 0.00	39.86 0.66 0.00	39.18 0.67 0.00	39.70 0.83 0.00	41.49 1.00 0.00	41.12 1.14 0.00	40.65 1.07 0.00	43.64 1.15 0.00	45.92 1.31 0.00	43.86 1.18 0.00	69.62 1.93 0.00	68.22 1.96 0.00	85.97 2.53 0.00	195.61 5.48 0.00	179.97 4.51 0.00	182.09 4.30 0.00	409.51 11.88 0.00	282.93 9.27 0.00	224.12 8.23 -10.37	279.39 11.15 -6.49	83.86 3.12 0.00	55.52 1.52 0.00	52.41 0.94 0.00
BORALEX_4TH_BRANCH 23824	43.09 2.14 0.00	41.42 1.98 0.00	41.30 2.10 0.00	40.65 2.14 0.00	40.94 2.08 0.00	42.66 2.17 0.00	42.10 2.12 0.00	41.73 2.15 0.00	44.47 1.98 0.00	46.66 2.05 0.00	44.54 1.86 0.00	70.30 2.61 0.00	68.90 2.64 0.00	88.13 3.08 -1.62	197.66 7.54 0.00	186.78 8.82 -2.51	199.69 7.96 -13.94	459.56 21.99 -39.94	509.18 17.14 -218.38	217.61 12.09 0.00	277.56 15.81 0.00	84.93 4.19 0.00	57.18 3.18 0.00	54.37 2.90 0.00
BOWLINE___1 23526	42.02 1.07 0.00	40.42 0.98 0.00	40.17 0.96 0.00	39.62 1.11 0.00	39.83 0.97 0.00	41.23 0.75 0.00	40.93 0.95 0.00	40.84 1.26 0.00	43.93 1.43 0.00	46.61 2.00 0.00	45.00 2.33 0.00	71.20 3.50 0.00	69.86 3.60 0.00	79.27 4.96 9.13	201.61 11.49 0.00	173.12 11.82 14.15	111.87 12.81 78.72	286.16 28.35 139.82	374.28 18.81 -81.80	218.48 12.97 0.00	276.71 14.96 0.00	85.30 4.57 0.00	57.26 3.26 0.00	53.86 2.39 0.00
BOWLINE___2 23595	42.10 1.15 0.00	40.48 1.04 0.00	40.24 1.03 0.00	39.70 1.19 0.00	39.91 1.05 0.00	41.30 0.82 0.00	41.00 1.02 0.00	40.91 1.33 0.00	44.00 1.51 0.00	46.70 2.09 0.00	45.09 2.41 0.00	71.32 3.63 0.00	69.99 3.73 0.00	79.41 5.11 9.14	201.99 11.87 0.00	173.41 12.12 14.17	112.13 13.14 78.80	286.70 29.03 139.96	374.80 19.32 -81.81	218.87 13.36 0.00	277.23 15.48 0.00	85.45 4.71 0.00	57.36 3.36 0.00	53.96 2.49 0.00
BRADY___115KV_TB2 356060	40.17 -0.78 0.00	38.77 -0.67 0.00	38.59 -0.62 0.00	37.87 -0.64 0.00	38.31 -0.56 0.00	40.03 -0.45 0.00	39.63 -0.35 0.00	39.22 -0.36 0.00	42.02 -0.47 0.00	43.46 -1.15 0.00	40.86 -1.81 0.00	65.02 -2.67 0.00	63.52 -2.74 0.00	79.75 -3.68 0.00	180.87 -9.25 0.00	166.52 -8.94 0.00	168.16 -9.62 0.00	379.28 -18.35 0.00	263.14 -10.52 0.00	182.64 -8.13 14.75	243.22 -9.31 9.22	78.33 -2.40 0.00	52.09 -1.91 0.00	49.86 -1.62 0.00
BRANSCOMB___SOLAR 323811	43.37 2.42 0.00	41.64 2.21 0.00	41.36 2.16 0.00	40.67 2.16 0.00	40.99 2.12 0.00	42.72 2.23 0.00	42.27 2.29 0.00	41.96 2.38 0.00	44.86 2.37 0.00	47.14 2.53 0.00	45.13 2.45 0.00	71.46 3.77 0.00	70.24 3.97 0.00	89.86 4.99 -1.44	201.32 11.20 0.00	189.58 11.90 -2.23	202.00 11.82 -12.40	467.18 29.51 -40.03	558.40 21.31 -263.43	220.97 15.46 0.00	280.94 19.19 0.00	86.24 5.51 0.00	57.85 3.85 0.00	54.96 3.49 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	43.74 2.57 -0.22	42.03 2.59 0.00	41.95 2.75 0.00	41.49 2.98 0.00	41.56 2.70 0.00	42.47 1.98 0.00	42.25 2.27 0.00	42.20 2.62 0.00	44.84 2.34 0.00	47.54 2.92 -0.02	46.08 3.41 0.00	80.88 4.77 -8.43	134.63 4.85 -63.51	144.01 6.73 -53.85	224.69 15.80 -18.78	214.24 16.03 -22.76	292.67 17.07 -97.81	541.38 37.59 -106.16	382.83 23.99 -85.18	225.09 16.43 -3.14	279.75 17.88 -0.11	89.91 5.95 -3.23	55.92 4.32 2.39	54.80 3.32 0.00
BRISTLHL_115KV_TB1 79998	41.19 0.24 0.00	39.64 0.21 0.00	39.30 0.10 0.00	38.56 0.05 0.00	38.93 0.07 0.00	40.63 0.14 0.00	40.12 0.14 0.00	39.59 0.01 0.00	42.57 0.08 0.00	44.95 0.35 0.00	43.15 0.48 0.00	68.41 0.72 0.00	67.02 0.75 0.00	84.40 0.96 0.00	192.55 2.42 0.00	177.35 1.90 0.00	179.82 2.03 0.00	400.23 2.60 0.00	274.43 0.76 0.00	210.06 2.16 -2.39	266.08 2.83 -1.50	81.72 0.99 0.00	54.53 0.53 0.00	51.66 0.19 0.00
BROOKHAVEN___DRP 24191	44.09 2.85 -0.30	42.26 2.82 0.00	42.18 2.98 0.00	41.69 3.17 0.00	41.75 2.89 0.00	42.68 2.19 0.00	42.47 2.49 0.00	42.35 2.77 0.00	45.02 2.52 0.00	47.67 3.06 0.00	46.42 3.74 0.00	113.50 5.64 -40.17	374.64 5.71 -302.66	344.44 7.54 -253.46	329.76 17.11 -122.54	303.53 16.86 -111.22	339.67 17.71 -144.17	557.39 38.86 -120.89	386.07 24.60 -87.81	281.34 17.28 -58.54	281.46 19.07 -0.64	106.05 6.93 -18.39	56.34 5.13 2.79	55.44 3.97 0.00
BROOKLYN_NAVY_YARD 23515	42.60 1.65 0.00	40.94 1.50 0.00	40.68 1.47 0.00	40.18 1.66 0.00	40.37 1.51 0.00	41.71 1.22 0.00	41.48 1.50 0.00	41.43 1.85 0.00	44.63 2.14 0.00	47.41 2.81 0.00	45.75 3.07 0.00	72.40 4.71 0.00	71.15 4.88 0.00	96.47 6.65 -6.38	205.26 15.14 0.00	200.68 15.34 -9.89	249.50 16.69 -55.02	541.73 37.10 -107.00	383.17 24.36 -85.15	222.25 16.74 0.00	281.68 19.93 0.00	86.80 6.07 0.00	58.29 4.30 0.00	54.71 3.23 0.00

BROOKLYN___ARMY_DRP 323595	42.64 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.28 1.77 0.00	40.45 1.58 0.00	41.75 1.26 0.00	41.65 1.67 0.00	41.60 2.03 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.69 4.97 -3.03	85.38 4.87 -14.24	96.57 6.74 -6.39	204.72 14.60 0.00	195.64 14.79 -5.39	249.40 16.61 -55.00	541.34 36.74 -106.97	382.68 23.87 -85.15	219.36 16.30 2.45	277.93 19.36 3.18	97.68 6.08 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
BROOKVLE_69_KV_TB1 55790	43.20 2.25 0.00	41.60 2.16 0.00	41.40 2.19 0.00	40.86 2.35 0.00	40.99 2.12 0.00	42.23 1.74 0.00	41.99 2.01 0.00	41.93 2.35 0.00	44.93 2.43 0.00	47.57 2.96 0.00	46.15 3.47 0.00	73.02 5.33 0.00	71.76 5.49 0.00	97.30 7.53 -6.33	207.85 17.73 0.00	204.22 17.88 -10.88	294.00 19.12 -97.09	545.83 42.04 -106.16	386.12 27.28 -85.18	224.18 18.67 0.00	283.22 21.47 0.00	87.43 6.66 -0.04	63.72 4.60 -5.12	55.08 3.60 0.00
BROOME_2_LFGE 323671	41.64 0.69 0.00	40.05 0.62 0.00	39.69 0.49 0.00	38.97 0.46 0.00	39.36 0.50 0.00	41.02 0.53 0.00	40.50 0.52 0.00	40.13 0.55 0.00	43.32 0.83 0.00	45.99 1.38 0.00	44.09 1.41 0.00	69.84 2.15 0.00	68.42 2.15 0.00	86.24 2.81 0.00	196.73 6.61 0.00	180.53 5.08 0.00	183.03 5.24 0.00	410.06 10.58 -1.85	308.33 6.33 -28.34	211.48 5.96 0.00	270.44 8.69 0.00	83.16 2.42 0.00	55.57 1.57 0.00	52.76 1.28 0.00
BROOME___LFGE 323600	41.64 0.69 0.00	40.05 0.62 0.00	39.69 0.49 0.00	38.97 0.46 0.00	39.36 0.50 0.00	41.02 0.53 0.00	40.50 0.52 0.00	40.13 0.55 0.00	43.32 0.83 0.00	45.99 1.38 0.00	44.09 1.41 0.00	69.84 2.15 0.00	68.42 2.15 0.00	86.24 2.81 0.00	196.73 6.61 0.00	180.53 5.08 0.00	183.03 5.24 0.00	410.06 10.58 -1.85	308.33 6.33 -28.34	211.48 5.96 0.00	270.44 8.69 0.00	83.16 2.42 0.00	55.57 1.57 0.00	52.76 1.28 0.00
BROWNFLS_115KV_TB_3_5 80003	40.08 -0.86 0.00	38.64 -0.80 0.00	38.29 -0.91 0.00	37.64 -0.87 0.00	38.22 -0.64 0.00	40.00 -0.48 0.00	39.69 -0.29 0.00	39.22 -0.36 0.00	42.06 -0.44 0.00	43.87 -0.74 0.00	41.44 -1.24 0.00	65.79 -1.90 0.00	64.40 -1.87 0.00	80.92 -2.52 0.00	183.27 -6.85 0.00	168.43 -7.02 0.00	170.33 -7.46 0.00	384.68 -12.95 0.00	266.41 -7.25 0.00	225.13 -4.22 -23.83	264.35 -3.40 -6.00	80.06 -0.68 0.00	52.78 -1.22 0.00	49.86 -1.62 0.00
BROWNSV1_27_KV_LOAD 356125	43.24 2.29 0.00	41.55 2.11 0.00	41.28 2.08 0.00	40.77 2.25 0.00	40.95 2.08 0.00	42.33 1.83 0.00	42.10 2.12 0.00	42.09 2.51 0.00	45.35 2.86 0.00	48.21 3.61 0.00	46.56 3.89 0.00	73.69 6.00 0.00	72.40 6.14 0.00	98.09 8.27 -6.38	209.03 18.91 0.00	204.14 18.80 -9.89	253.00 20.19 -55.02	549.40 44.78 -107.00	388.25 29.43 -85.15	226.24 20.73 0.00	286.69 24.94 0.00	88.31 7.58 0.00	59.26 5.26 0.00	55.60 4.13 0.00
BURROWS___LYONSDAL 23803	41.61 0.66 0.00	40.04 0.61 0.00	39.63 0.43 0.00	38.98 0.46 0.00	39.54 0.68 0.00	41.35 0.86 0.00	41.00 1.02 0.00	40.52 0.94 0.00	43.50 1.01 0.00	45.74 1.13 0.00	43.64 0.96 0.00	69.24 1.56 0.00	67.90 1.63 0.00	85.50 2.06 0.00	194.29 4.17 0.00	178.61 3.15 0.00	180.78 3.00 0.00	406.98 9.34 0.00	281.29 7.62 0.00	226.38 7.31 -13.56	280.46 10.23 -8.48	83.58 2.85 0.00	55.23 1.24 0.00	52.03 0.56 0.00
CAITHNESS_CC_1 323624	43.87 2.63 -0.30	42.07 2.63 0.00	41.99 2.79 0.00	41.50 2.99 0.00	41.55 2.69 0.00	42.45 1.96 0.00	42.28 2.30 0.00	42.15 2.57 0.00	44.80 2.30 0.00	47.42 2.81 0.00	46.19 3.51 0.00	112.87 5.25 -39.94	372.52 5.36 -300.90	340.98 7.11 -250.43	326.26 16.17 -119.97	300.11 16.11 -108.54	336.79 16.91 -142.10	554.98 37.14 -120.22	384.80 23.46 -87.68	278.25 16.34 -56.40	280.43 18.05 -0.63	105.25 6.45 -18.06	56.00 4.80 2.80	55.16 3.69 0.00
CALPINE BETH_PAGE_GT4 24209	43.01 2.05 -0.01	41.45 2.02 0.00	41.33 2.13 0.00	40.82 2.31 0.00	40.90 2.04 0.00	41.98 1.49 0.00	41.76 1.78 0.00	41.71 2.13 0.00	44.48 1.98 0.00	47.01 2.40 0.00	45.59 2.91 0.00	72.60 4.39 -0.53	74.79 4.57 -3.96	97.64 6.38 -7.83	205.27 15.15 0.00	201.89 15.56 -10.88	291.67 16.80 -97.09	540.97 37.18 -106.16	382.62 23.78 -85.18	221.47 15.96 0.00	279.17 17.42 0.00	86.39 5.67 0.02	60.78 4.07 -2.72	54.77 3.30 0.00
CALPINE_BETH_PAGE_GT_4 323586	43.01 2.05 -0.01	41.45 2.02 0.00	41.33 2.12 0.00	40.82 2.30 0.00	40.89 2.02 0.00	41.96 1.47 0.00	41.77 1.79 0.00	41.70 2.12 0.00	44.48 1.98 0.00	47.01 2.40 0.00	45.59 2.91 0.00	72.60 4.38 -0.53	74.81 4.58 -3.96	97.66 6.40 -7.83	205.29 15.17 0.00	201.90 15.55 -10.89	291.67 16.80 -97.09	540.94 37.15 -106.16	382.62 23.77 -85.18	221.47 15.96 0.00	279.20 17.45 0.00	86.39 5.67 0.02	60.78 4.07 -2.72	54.77 3.30 0.00
CALPINE_BP_GT1 23823	43.01 2.05 -0.01	41.45 2.02 0.00	41.33 2.12 0.00	40.82 2.30 0.00	40.89 2.02 0.00	41.96 1.47 0.00	41.77 1.79 0.00	41.70 2.12 0.00	44.48 1.98 0.00	47.01 2.40 0.00	45.59 2.91 0.00	72.60 4.38 -0.53	74.81 4.58 -3.96	97.66 6.40 -7.83	205.29 15.17 0.00	201.90 15.55 -10.89	291.67 16.80 -97.09	540.94 37.15 -106.16	382.62 23.77 -85.18	221.47 15.96 0.00	279.20 17.45 0.00	86.39 5.67 0.02	60.78 4.07 -2.72	54.77 3.30 0.00
CALSPAN___DRP 24200	41.96 1.01 0.00	39.89 0.46 0.00	39.15 -0.05 0.00	38.07 -0.44 0.00	38.55 -0.31 0.00	40.41 -0.08 0.00	40.03 0.05 0.00	39.64 0.06 0.00	43.30 0.80 0.00	46.95 2.34 0.00	45.34 2.67 0.00	72.13 4.44 0.00	69.97 3.70 0.00	87.41 3.97 0.00	198.03 7.91 0.00	179.62 4.17 -0.01	181.66 3.87 0.00	404.36 4.58 -2.15	289.57 2.49 -13.42	210.08 4.57 0.00	273.04 11.30 0.00	83.82 3.09 0.00	55.70 1.70 0.00	52.44 0.97 0.00
CALVERTON___SOLAR 323806	44.35 3.10 -0.30	42.51 3.07 0.00	42.40 3.20 0.00	41.90 3.39 0.00	41.96 3.10 0.00	42.87 2.38 0.00	42.72 2.73 0.00	42.59 3.01 0.00	45.30 2.80 0.00	47.97 3.36 0.00	46.73 4.06 0.00	114.11 6.15 -40.27	375.92 6.24 -303.42	346.25 8.17 -254.65	331.98 18.35 -123.52	305.65 17.98 -112.22	341.60 18.91 -144.90	560.47 41.70 -121.14	387.90 26.38 -87.85	283.37 18.53 -59.32	283.04 20.65 -0.64	106.78 7.54 -18.51	56.74 5.53 2.79	55.81 4.33 0.00
CANDIGU_WT_PWR 323617	41.66 0.71 0.00	39.86 0.42 0.00	39.35 0.15 0.00	38.50 -0.01 0.00	38.95 0.09 0.00	40.65 0.16 0.00	40.08 0.10 0.00	39.71 0.13 0.00	43.24 0.75 0.00	46.53 1.92 0.00	44.69 2.01 0.00	70.92 3.23 0.00	69.09 2.83 0.00	86.67 3.23 0.00	197.35 7.23 0.00	179.59 4.14 0.00	181.54 3.76 0.00	403.96 5.14 -1.19	294.36 2.41 -18.29	209.81 4.29 0.00	270.07 8.32 0.00	82.53 1.80 0.00	55.29 1.30 0.00	52.36 0.89 0.00
CARR STREET_E_SYR 24060	41.18 0.24 0.00	39.61 0.17 0.00	39.27 0.06 0.00	38.52 0.01 0.00	38.89 0.03 0.00	40.58 0.09 0.00	40.08 0.10 0.00	39.58 0.00 0.00	42.60 0.11 0.00	45.06 0.45 0.00	43.29 0.61 0.00	68.67 0.98 0.00	67.28 1.02 0.00	84.79 1.36 0.00	193.63 3.51 0.00	178.23 2.78 0.00	180.62 2.83 0.00	402.19 4.56 0.00	275.99 2.33 0.00	210.44 2.96 -1.96	267.05 4.07 -1.23	81.93 1.20 0.00	54.66 0.67 0.00	51.79 0.32 0.00

CARTHAGE___PAPER 23857	41.59 0.64 0.00	39.99 0.56 0.00	39.44 0.24 0.00	38.85 0.34 0.00	39.58 0.72 0.00	41.51 1.03 0.00	41.25 1.27 0.00	40.68 1.11 0.00	43.60 1.11 0.00	45.72 1.11 0.00	43.35 0.67 0.00	68.71 1.02 0.00	67.61 1.35 0.00	84.86 1.42 0.00	191.78 1.66 0.00	175.78 0.33 0.00	178.14 0.35 0.00	403.02 5.38 0.00	279.69 6.03 0.00	235.45 8.22 -21.72	287.84 12.51 -13.58	83.72 2.99 0.00	54.66 0.66 0.00	50.91 -0.57 0.00
CASSADAGA_WT_PWR 323784	42.63 1.68 0.00	40.48 1.04 0.00	39.56 0.36 0.00	38.41 -0.10 0.00	38.79 -0.08 0.00	40.84 0.35 0.00	40.57 0.59 0.00	40.45 0.87 0.00	44.38 1.88 0.00	48.22 3.61 0.00	46.58 3.91 0.00	73.98 6.29 0.00	71.97 5.70 0.00	89.40 5.97 0.00	201.97 11.85 0.00	181.88 6.43 0.00	183.09 5.30 0.00	408.20 8.83 -1.74	295.02 7.04 -14.32	213.27 7.75 0.00	276.01 14.26 0.00	83.34 2.61 0.00	55.36 1.36 0.00	52.96 1.48 0.00
CE_DUNWOOD___DRP 24194	42.43 1.48 0.00	40.81 1.38 0.00	40.58 1.38 0.00	40.05 1.53 0.00	40.25 1.39 0.00	41.64 1.15 0.00	41.34 1.36 0.00	41.27 1.70 0.00	44.39 1.90 0.00	47.10 2.49 0.00	45.46 2.79 0.00	71.92 4.22 0.00	70.57 4.31 0.00	96.10 5.89 -6.78	203.66 13.54 0.00	199.78 13.82 -10.51	251.19 14.94 -58.47	544.25 33.27 -113.35	380.60 22.02 -84.92	220.74 15.23 0.00	279.58 17.83 0.00	86.12 5.38 0.00	57.83 3.83 0.00	54.40 2.93 0.00
CE_MILLWOOD___DRP 24193	42.34 1.39 0.00	40.73 1.29 0.00	40.49 1.29 0.00	39.95 1.44 0.00	40.16 1.29 0.00	41.55 1.06 0.00	41.25 1.27 0.00	41.18 1.60 0.00	44.28 1.79 0.00	46.98 2.37 0.00	45.33 2.66 0.00	71.71 4.02 0.00	70.38 4.11 0.00	96.14 5.62 -7.08	203.06 12.94 0.00	199.68 13.25 -10.97	253.16 14.33 -61.04	547.56 31.85 -118.07	379.29 21.13 -84.50	220.18 14.66 0.00	278.85 17.10 0.00	85.91 5.18 0.00	57.68 3.68 0.00	54.28 2.81 0.00
CE_NYC2_DRP 24202	42.45 1.50 0.00	40.87 1.43 0.00	40.67 1.46 0.00	40.18 1.66 0.00	40.35 1.49 0.00	41.66 1.17 0.00	41.47 1.49 0.00	41.40 1.82 0.00	44.55 2.06 0.00	47.34 2.73 0.00	45.66 2.99 0.01	72.28 4.60 0.00	70.87 4.62 0.01	96.13 6.33 -6.37	204.32 14.20 0.00	195.30 14.46 -5.39	248.71 15.93 -55.00	539.77 35.17 -106.97	381.83 23.01 -85.15	218.81 15.75 2.45	277.05 18.49 3.18	82.03 5.72 4.43	58.07 4.08 0.00	49.94 3.04 4.58
CE_NYC_DRP 24195	42.60 1.65 0.00	40.97 1.53 0.00	40.74 1.53 0.00	40.24 1.72 0.00	40.42 1.56 0.00	41.77 1.28 0.00	41.53 1.55 0.00	41.51 1.93 0.00	44.71 2.21 0.00	47.50 2.89 0.00	45.86 3.19 0.00	72.57 4.88 0.00	71.28 5.01 0.00	96.63 6.82 -6.38	205.63 15.51 0.00	201.03 15.68 -9.89	249.80 16.99 -55.02	542.33 37.69 -107.00	383.44 24.63 -85.15	222.49 16.98 0.00	281.92 20.17 0.00	86.87 6.14 0.00	58.32 4.33 0.00	54.77 3.29 0.00
CHAFFEE___LFGE 323603	41.88 0.93 0.00	39.83 0.39 0.00	39.09 -0.11 0.00	38.02 -0.49 0.00	38.51 -0.36 0.00	40.39 -0.10 0.00	40.00 0.02 0.00	39.69 0.11 0.00	43.26 0.77 0.00	46.95 2.34 0.00	45.30 2.63 0.00	72.03 4.34 0.00	69.99 3.72 0.00	87.51 4.07 0.00	198.23 8.10 0.00	179.93 4.48 0.00	182.03 4.24 0.00	405.74 6.07 -2.03	291.13 3.50 -13.98	210.21 4.70 0.00	273.35 11.60 0.00	83.90 3.16 0.00	55.66 1.66 0.00	52.42 0.95 0.00
CHATEAUG_35_KV_LOAD 355732	40.00 -0.95 0.00	38.63 -0.80 0.00	38.66 -0.54 0.00	37.94 -0.58 0.00	38.35 -0.51 0.00	39.99 -0.49 0.00	39.61 -0.37 0.00	39.22 -0.36 0.00	42.03 -0.46 0.00	43.66 -0.95 0.00	41.39 -1.28 0.00	65.85 -1.84 0.00	64.39 -1.88 0.00	81.02 -2.41 0.00	184.26 -5.86 0.00	169.53 -5.92 0.00	171.85 -5.94 0.00	386.33 -11.31 0.00	267.83 -5.83 0.00	191.35 -5.58 8.59	248.47 -7.91 5.37	77.95 -2.79 0.00	52.01 -1.99 0.00	49.68 -1.79 0.00
CHATEAUG_WT_PWR 323614	39.94 -1.01 0.00	38.58 -0.85 0.00	38.61 -0.59 0.00	37.92 -0.59 0.00	38.31 -0.55 0.00	39.95 -0.54 0.00	39.57 -0.41 0.00	39.17 -0.41 0.00	41.96 -0.53 0.00	43.63 -0.98 0.00	41.39 -1.28 0.00	65.81 -1.88 0.00	64.38 -1.88 0.00	81.05 -2.38 0.00	184.41 -5.71 0.00	169.81 -5.65 0.00	171.94 -5.84 0.00	386.44 -11.19 0.00	267.74 -5.92 0.00	192.92 -5.65 6.95	249.15 -8.25 4.35	77.83 -2.91 0.00	51.97 -2.03 0.00	49.64 -1.84 0.00
CHAT_HIGH_FALL_HYD 323578	40.00 -0.95 0.00	38.63 -0.80 0.00	38.66 -0.54 0.00	37.94 -0.57 0.00	38.35 -0.51 0.00	39.99 -0.50 0.00	39.61 -0.37 0.00	39.22 -0.36 0.00	42.03 -0.46 0.00	43.66 -0.95 0.00	41.39 -1.28 0.00	65.85 -1.84 0.00	64.39 -1.88 0.00	81.02 -2.42 0.00	184.26 -5.86 0.00	169.53 -5.92 0.00	171.85 -5.94 0.00	386.33 -11.31 0.00	267.80 -5.86 0.00	191.35 -5.58 8.59	248.46 -7.92 5.37	77.95 -2.79 0.00	52.01 -1.99 0.00	49.68 -1.79 0.00
CHAUTAUQUA___LFGE 323629	42.28 1.33 0.00	40.25 0.81 0.00	39.41 0.21 0.00	38.36 -0.15 0.00	38.81 -0.05 0.00	40.73 0.24 0.00	40.38 0.40 0.00	40.15 0.57 0.00	43.94 1.45 0.00	47.63 3.02 0.00	45.94 3.26 0.00	72.98 5.29 0.00	71.01 4.74 0.00	88.62 5.19 0.00	200.79 10.67 0.00	181.40 5.95 0.00	182.98 5.19 0.00	407.73 8.35 -1.74	293.12 5.48 -13.97	212.17 6.66 0.00	275.06 13.31 0.00	83.74 3.01 0.00	55.68 1.68 0.00	52.91 1.43 0.00
CHERRYST_13_KV_LD 356241	42.77 1.81 0.00	41.12 1.68 0.00	40.88 1.68 0.00	40.38 1.87 0.00	40.57 1.71 0.00	41.93 1.44 0.00	41.71 1.73 0.00	41.70 2.12 0.00	44.93 2.44 0.00	47.76 3.15 0.00	46.12 3.44 0.00	72.99 5.30 0.00	71.68 5.41 0.00	97.14 7.32 -6.38	206.86 16.74 0.00	202.14 16.80 -9.89	250.93 18.13 -55.02	544.71 40.08 -107.00	384.96 26.14 -85.15	223.54 18.03 0.00	283.23 21.48 0.00	87.26 6.52 0.00	58.57 4.57 0.00	54.98 3.51 0.00
CHESTROR_138KV_BK263 355645	42.06 1.11 0.00	40.45 1.01 0.00	40.20 1.00 0.00	39.62 1.11 0.00	39.86 1.00 0.00	41.31 0.82 0.00	40.94 0.96 0.00	40.82 1.24 0.00	43.88 1.38 0.00	46.48 1.88 0.00	44.79 2.12 0.00	70.89 3.20 0.00	69.54 3.27 0.00	82.42 4.49 5.51	200.57 10.45 0.00	177.68 10.77 8.54	142.05 11.76 47.50	341.23 26.14 82.54	368.49 17.49 -77.34	217.80 12.29 0.00	276.08 14.33 0.00	85.05 4.32 0.00	57.07 3.07 0.00	53.83 2.35 0.00
CH_MIDHUDSON___DRP 24192	42.42 1.47 0.00	40.78 1.34 0.00	40.54 1.34 0.00	39.96 1.44 0.00	40.18 1.32 0.00	41.63 1.14 0.00	41.32 1.34 0.00	41.36 1.78 0.00	44.45 1.96 0.00	47.10 2.50 0.00	45.39 2.72 0.00	71.87 4.18 0.00	70.50 4.23 0.00	90.45 5.71 -1.30	203.43 13.31 0.00	191.16 13.70 -2.01	203.90 14.91 -11.20	457.74 33.69 -26.42	384.74 22.73 -88.35	221.41 15.89 0.00	278.91 17.16 0.00	85.79 5.06 0.00	57.61 3.62 0.00	54.35 2.88 0.00
CH_MISC_IPPS 23765	42.60 1.64 0.00	40.95 1.51 0.00	40.69 1.49 0.00	40.11 1.59 0.00	40.31 1.45 0.00	41.79 1.30 0.00	41.50 1.52 0.00	41.54 1.96 0.00	44.66 2.16 0.00	47.39 2.78 0.00	45.71 3.03 0.00	72.39 4.69 0.00	70.85 4.59 0.00	89.45 6.02 0.00	204.22 14.10 0.00	189.87 14.42 0.00	193.54 15.75 0.00	438.53 35.28 -5.62	383.72 23.82 -86.23	222.25 16.74 0.00	280.01 18.26 0.00	86.14 5.41 0.00	57.89 3.89 0.00	54.59 3.12 0.00

CH_RES_BVR_FALLS 23983	40.41 -0.54 0.00	38.95 -0.49 0.00	38.71 -0.50 0.00	38.03 -0.48 0.00	38.47 -0.40 0.00	40.13 -0.35 0.00	39.67 -0.31 0.00	39.27 -0.31 0.00	42.14 -0.35 0.00	44.08 -0.52 0.00	42.03 -0.65 0.00	66.62 -1.07 0.00	65.02 -1.25 0.00	81.60 -1.83 0.00	185.17 -4.95 0.00	170.70 -4.75 0.00	172.85 -4.94 0.00	387.19 -10.44 0.00	267.29 -6.37 0.00	198.13 -5.28 2.10	253.86 -6.58 1.32	79.15 -1.58 0.00	53.01 -0.99 0.00	50.62 -0.85 0.00
CH_RES_NIAGARA 23895	40.88 -0.06 0.00	38.79 -0.65 0.00	38.08 -1.12 0.00	36.98 -1.53 0.00	37.45 -1.41 0.00	39.31 -1.18 0.00	38.86 -1.12 0.00	38.39 -1.19 0.00	41.88 -0.62 0.00	45.42 0.81 0.00	43.73 1.06 0.00	69.45 1.77 0.00	66.97 0.71 0.00	83.32 -0.11 0.00	188.03 -2.09 0.00	170.33 -5.11 0.02	172.52 -5.26 0.01	376.50 -16.00 5.13	275.16 -10.65 -12.16	201.19 -4.32 0.00	261.74 -0.01 0.00	80.85 0.11 0.00	53.95 -0.05 0.00	50.92 -0.55 0.00
CH_RES_SYRACUSE 23985	41.55 0.60 0.00	40.01 0.57 0.00	39.62 0.42 0.00	38.91 0.39 0.00	39.30 0.43 0.00	41.01 0.52 0.00	40.48 0.50 0.00	39.99 0.41 0.00	42.99 0.49 0.00	45.34 0.73 0.00	43.47 0.79 0.00	68.84 1.15 0.00	67.45 1.18 0.00	85.04 1.61 0.00	195.74 5.62 0.00	180.20 4.75 0.00	182.31 4.52 0.00	403.60 5.97 0.00	276.97 3.31 0.00	211.09 3.82 -1.76	267.88 5.03 -1.10	82.29 1.55 0.00	54.89 0.89 0.00	51.97 0.50 0.00
CLINTON_WT_PWR 323605	39.94 -1.01 0.00	38.58 -0.85 0.00	38.61 -0.59 0.00	37.92 -0.59 0.00	38.31 -0.55 0.00	39.95 -0.54 0.00	39.57 -0.41 0.00	39.17 -0.41 0.00	41.96 -0.53 0.00	43.63 -0.98 0.00	41.39 -1.28 0.00	65.81 -1.88 0.00	64.38 -1.88 0.00	81.05 -2.38 0.00	184.41 -5.71 0.00	169.81 -5.65 0.00	171.94 -5.84 0.00	386.44 -11.19 0.00	267.74 -5.92 0.00	192.92 -5.65 6.95	249.15 -8.25 4.35	77.83 -2.91 0.00	51.97 -2.03 0.00	49.64 -1.84 0.00
CLINTON___LFGE 323618	40.35 -0.60 0.00	38.96 -0.48 0.00	39.05 -0.15 0.00	38.33 -0.18 0.00	38.72 -0.14 0.00	40.38 -0.11 0.00	40.02 0.04 0.00	39.62 0.04 0.00	42.41 -0.08 0.00	44.10 -0.51 0.00	41.80 -0.87 0.00	66.49 -1.20 0.00	65.10 -1.17 0.00	82.00 -1.44 0.00	186.88 -3.23 0.00	172.08 -3.38 0.00	174.00 -3.79 0.00	391.81 -5.83 0.00	271.88 -1.79 0.00	195.62 -2.51 7.38	253.24 -3.90 4.61	78.95 -1.78 0.00	52.68 -1.32 0.00	50.20 -1.27 0.00
COBBLENY_34_KV_TB1 80064	41.89 0.94 0.00	39.84 0.40 0.00	39.09 -0.11 0.00	38.02 -0.49 0.00	38.50 -0.36 0.00	40.39 -0.09 0.00	40.01 0.03 0.00	39.68 0.10 0.00	43.27 0.77 0.00	46.95 2.34 0.00	45.30 2.62 0.00	72.03 4.34 0.00	69.98 3.72 0.00	87.50 4.06 0.00	198.25 8.14 0.00	179.99 4.53 0.00	182.08 4.29 0.00	405.73 6.07 -2.03	290.97 3.33 -13.98	210.26 4.75 0.00	273.38 11.63 0.00	83.89 3.16 0.00	55.66 1.67 0.00	52.42 0.95 0.00
COFFEEN___115KV_TB3 355620	42.29 1.35 0.00	40.60 1.16 0.00	39.96 0.75 0.00	39.37 0.86 0.00	40.14 1.28 0.00	42.12 1.63 0.00	41.90 1.92 0.00	41.29 1.71 0.00	44.26 1.76 0.00	46.59 1.99 0.00	44.26 1.58 0.00	69.74 2.05 0.00	68.81 2.54 0.00	86.44 3.00 0.00	195.23 5.11 0.00	179.10 3.65 0.00	181.65 3.86 0.00	410.26 12.63 0.00	284.57 10.90 0.00	237.26 13.69 -18.06	292.92 19.88 -11.29	86.33 5.59 0.00	56.56 2.56 0.00	52.56 1.09 0.00
COLDSPRG_115KV_BK1 355956	42.53 1.58 0.00	40.51 1.07 0.00	39.75 0.55 0.00	38.73 0.21 0.00	39.19 0.33 0.00	41.13 0.64 0.00	40.89 0.91 0.00	40.70 1.12 0.00	44.57 2.08 0.00	48.30 3.69 0.00	46.53 3.86 0.00	73.89 6.20 0.00	71.81 5.55 0.00	89.17 5.73 0.00	202.01 11.89 0.00	182.40 6.94 0.00	183.97 6.18 0.00	409.45 10.08 -1.73	294.99 6.47 -14.86	212.71 7.20 0.00	275.45 13.70 0.00	83.78 3.05 0.00	56.09 2.10 0.00	53.20 1.72 0.00
COLONIE_LFGE___ 323577	42.57 1.62 0.00	40.92 1.48 0.00	40.74 1.54 0.00	40.08 1.57 0.00	40.36 1.50 0.00	42.05 1.56 0.00	41.53 1.55 0.00	41.20 1.62 0.00	44.05 1.55 0.00	46.30 1.69 0.00	44.31 1.63 0.00	70.07 2.38 0.00	68.75 2.48 0.00	88.02 3.09 -1.49	197.26 7.14 0.00	185.85 8.09 -2.31	198.57 7.95 -12.83	457.58 20.54 -39.41	530.45 15.23 -241.55	216.35 10.84 0.00	275.39 13.64 0.00	84.48 3.75 0.00	56.76 2.77 0.00	53.95 2.48 0.00
COOPERNY_115KV_TB1 80082	41.76 0.81 0.00	40.18 0.74 0.00	39.95 0.75 0.00	39.34 0.83 0.00	39.61 0.75 0.00	41.10 0.61 0.00	40.68 0.70 0.00	40.48 0.90 0.00	43.51 1.02 0.00	46.02 1.41 0.00	44.26 1.59 0.00	70.09 2.40 0.00	68.71 2.44 0.00	84.66 3.30 2.07	197.80 7.68 0.00	180.09 7.85 3.21	168.53 8.61 17.87	387.30 18.81 29.14	344.58 12.56 -58.37	214.44 8.93 0.00	272.38 10.63 0.00	83.97 3.24 0.00	56.31 2.32 0.00	53.27 1.80 0.00
COPENHAGEN_WT_PWR 323753	41.68 0.73 0.00	40.05 0.61 0.00	39.42 0.21 0.00	38.89 0.37 0.00	39.68 0.82 0.00	41.65 1.17 0.00	41.37 1.39 0.00	40.77 1.19 0.00	43.72 1.23 0.00	46.02 1.41 0.00	43.78 1.11 0.00	69.09 1.40 0.00	68.09 1.83 0.00	85.50 2.07 0.00	193.00 2.88 0.00	177.01 1.56 0.00	179.68 1.89 0.00	405.37 7.74 0.00	280.75 7.09 0.00	232.29 9.69 -17.08	287.16 14.73 -10.68	84.90 4.16 0.00	55.70 1.70 0.00	51.76 0.28 0.00
CORNELL___ 23752	42.40 1.45 0.00	40.75 1.31 0.00	40.36 1.15 0.00	39.60 1.09 0.00	40.00 1.15 0.00	41.72 1.23 0.00	41.27 1.29 0.00	40.85 1.27 0.00	43.99 1.50 0.00	46.50 1.90 0.00	44.52 1.85 0.00	70.54 2.85 0.00	69.17 2.91 0.00	87.15 3.72 0.00	199.26 9.14 0.00	183.09 7.64 0.00	186.00 8.21 0.00	417.03 18.14 -1.26	305.78 12.86 -19.26	217.02 11.50 0.00	277.07 15.32 0.00	85.10 4.37 0.00	56.67 2.67 0.00	53.58 2.10 0.00
CORONAAV_69_KV_TB1 355595	43.21 2.26 0.00	41.63 2.20 0.00	41.47 2.26 0.00	40.91 2.40 0.00	41.07 2.21 0.00	42.25 1.76 0.00	42.04 2.06 0.00	41.92 2.34 0.00	44.81 2.32 0.00	47.52 2.92 0.00	46.10 3.43 0.00	72.84 5.15 0.00	71.56 5.30 0.00	96.86 7.10 -6.33	206.84 16.72 0.00	203.28 16.94 -10.88	293.15 18.27 -97.09	544.17 40.38 -106.16	384.99 26.15 -85.18	223.34 17.82 0.00	282.00 20.25 0.00	87.74 6.56 -0.45	90.56 4.68 -31.89	55.21 3.74 0.00
CORTLAND_115KV_TB3 80093	41.96 1.01 0.00	40.35 0.91 0.00	39.99 0.79 0.00	39.26 0.75 0.00	39.64 0.78 0.00	41.35 0.86 0.00	40.88 0.89 0.00	40.44 0.86 0.00	43.55 1.06 0.00	46.05 1.44 0.00	44.12 1.45 0.00	69.96 2.27 0.00	68.59 2.33 0.00	86.47 3.03 0.00	197.48 7.36 0.00	181.55 6.10 0.00	184.05 6.27 0.00	412.02 13.43 -0.96	297.39 9.03 -14.70	215.31 8.13 -1.67	273.77 10.97 -1.05	83.87 3.13 0.00	55.90 1.90 0.00	52.95 1.48 0.00
COXSACKIE___GT 23611	43.86 2.92 0.00	42.07 2.63 0.00	41.84 2.63 0.00	41.07 2.55 0.00	41.37 2.51 0.00	43.19 2.71 0.00	42.74 2.76 0.00	42.34 2.76 0.00	45.20 2.71 0.00	47.28 2.67 0.00	44.53 1.86 0.00	70.51 2.82 0.00	69.02 2.75 0.00	88.02 3.55 -1.03	199.44 9.32 0.00	187.72 10.67 -1.59	198.73 12.08 -8.86	454.24 30.58 -26.03	446.42 24.16 -148.60	225.07 19.56 0.00	286.57 24.82 0.00	87.39 6.66 0.00	58.51 4.51 0.00	55.60 4.13 0.00

CPV_VALLEY___CC1 323721	41.75 0.80 0.00	40.16 0.72 0.00	39.93 0.72 0.00	39.35 0.83 0.00	39.59 0.72 0.00	41.04 0.55 0.00	40.65 0.67 0.00	40.51 0.93 0.00	43.55 1.05 0.00	46.12 1.52 0.00	44.43 1.76 0.00	70.31 2.62 0.00	68.96 2.69 0.00	83.83 3.70 3.31	198.74 8.62 0.00	179.32 8.99 5.13	159.13 9.87 28.53	371.32 21.71 48.03	358.48 14.47 -70.35	215.57 10.06 0.00	273.40 11.65 0.00	84.27 3.53 0.00	56.56 2.56 0.00	53.37 1.90 0.00
CPV_VALLEY___CC2 323722	41.75 0.80 0.00	40.16 0.72 0.00	39.93 0.72 0.00	39.35 0.83 0.00	39.59 0.72 0.00	41.04 0.55 0.00	40.65 0.67 0.00	40.51 0.93 0.00	43.55 1.05 0.00	46.12 1.52 0.00	44.43 1.76 0.00	70.31 2.62 0.00	68.96 2.69 0.00	83.83 3.70 3.31	198.74 8.62 0.00	179.32 8.99 5.13	159.13 9.87 28.53	371.32 21.71 48.03	358.48 14.47 -70.35	215.57 10.06 0.00	273.40 11.65 0.00	84.27 3.53 0.00	56.56 2.56 0.00	53.37 1.90 0.00
CRESCENT___HYD 24018	42.57 1.62 0.00	40.92 1.48 0.00	40.74 1.54 0.00	40.08 1.57 0.00	40.36 1.50 0.00	42.05 1.56 0.00	41.53 1.55 0.00	41.20 1.62 0.00	44.05 1.55 0.00	46.30 1.69 0.00	44.31 1.63 0.00	70.07 2.38 0.00	68.75 2.48 0.00	88.02 3.09 -1.49	197.26 7.14 0.00	185.85 8.09 -2.31	198.57 7.95 -12.83	457.58 20.54 -39.41	530.45 15.23 -241.55	216.35 10.84 0.00	275.39 13.64 0.00	84.48 3.75 0.00	56.76 2.77 0.00	53.95 2.48 0.00
CRICKET___VALLEY_CC1 323756	41.89 0.94 0.00	40.25 0.81 0.00	40.02 0.82 0.00	39.42 0.91 0.00	39.64 0.78 0.00	41.12 0.63 0.00	40.81 0.83 0.00	40.72 1.15 0.00	43.70 1.21 0.00	46.21 1.60 0.00	44.45 1.77 0.00	70.25 2.56 0.00	68.92 2.65 0.00	90.04 3.73 -2.87	198.81 8.69 0.00	189.51 9.61 -4.45	212.98 10.46 -24.73	473.34 24.01 -51.70	383.87 16.66 -93.54	216.83 11.31 0.00	274.68 12.93 0.00	84.43 3.69 0.00	56.76 2.76 0.00	53.64 2.17 0.00
CRICKET___VALLEY_CC2 323757	41.89 0.94 0.00	40.25 0.81 0.00	40.02 0.82 0.00	39.42 0.91 0.00	39.64 0.78 0.00	41.12 0.63 0.00	40.81 0.83 0.00	40.72 1.15 0.00	43.70 1.21 0.00	46.21 1.60 0.00	44.45 1.77 0.00	70.25 2.56 0.00	68.92 2.65 0.00	90.04 3.73 -2.87	198.81 8.69 0.00	189.51 9.61 -4.45	212.98 10.46 -24.73	473.34 24.01 -51.70	383.87 16.66 -93.54	216.83 11.31 0.00	274.68 12.93 0.00	84.43 3.69 0.00	56.76 2.76 0.00	53.64 2.17 0.00
CRICKET___VALLEY_CC3 323758	41.89 0.94 0.00	40.25 0.81 0.00	40.02 0.82 0.00	39.42 0.91 0.00	39.64 0.78 0.00	41.12 0.63 0.00	40.81 0.83 0.00	40.72 1.15 0.00	43.70 1.21 0.00	46.21 1.60 0.00	44.45 1.77 0.00	70.25 2.56 0.00	68.92 2.65 0.00	90.04 3.73 -2.87	198.81 8.69 0.00	189.51 9.61 -4.45	212.98 10.46 -24.73	473.34 24.01 -51.70	383.87 16.66 -93.54	216.83 11.31 0.00	274.68 12.93 0.00	84.43 3.69 0.00	56.76 2.76 0.00	53.64 2.17 0.00
CRUCIBLE_METL_DRP 24180	41.55 0.61 0.00	40.01 0.57 0.00	39.63 0.42 0.00	38.91 0.39 0.00	39.30 0.43 0.00	40.99 0.50 0.00	40.49 0.51 0.00	39.99 0.41 0.00	42.99 0.49 0.00	45.34 0.73 0.00	43.47 0.79 0.00	68.84 1.15 0.00	67.44 1.18 0.00	85.05 1.62 0.00	195.75 5.63 0.00	180.22 4.77 0.00	182.31 4.53 0.00	403.60 5.97 0.00	276.94 3.28 0.00	211.11 3.83 -1.76	267.88 5.03 -1.10	82.29 1.55 0.00	54.90 0.89 0.00	51.97 0.50 0.00
DAHOWA___HYDRO 323763	43.63 2.68 0.00	41.89 2.45 0.00	41.57 2.36 0.00	40.87 2.36 0.00	41.19 2.32 0.00	42.95 2.46 0.00	42.52 2.54 0.00	42.22 2.64 0.00	45.13 2.63 0.00	47.39 2.78 0.00	45.36 2.69 0.00	71.89 4.20 0.00	70.69 4.43 0.00	90.44 5.57 -1.43	202.48 12.37 0.00	190.70 13.04 -2.21	203.10 13.00 -12.31	470.02 32.31 -40.08	563.44 23.32 -266.46	222.46 16.95 0.00	282.69 20.94 0.00	86.79 6.06 0.00	58.19 4.20 0.00	55.28 3.81 0.00
DANC___LFGE 323619	41.47 0.52 0.00	39.87 0.43 0.00	39.36 0.15 0.00	38.73 0.22 0.00	39.36 0.50 0.00	41.22 0.73 0.00	40.86 0.88 0.00	40.29 0.71 0.00	43.25 0.76 0.00	45.58 0.97 0.00	43.49 0.81 0.00	68.70 1.01 0.00	67.58 1.32 0.00	84.98 1.54 0.00	192.63 2.51 0.00	176.81 1.36 0.00	179.26 1.48 0.00	402.58 4.95 0.00	277.84 4.18 0.00	223.80 6.56 -11.73	279.01 9.92 -7.34	83.63 2.89 0.00	55.27 1.28 0.00	51.73 0.25 0.00
DANSKAMMER___1 23586	42.60 1.64 0.00	40.95 1.51 0.00	40.69 1.49 0.00	40.11 1.59 0.00	40.31 1.45 0.00	41.79 1.30 0.00	41.50 1.52 0.00	41.54 1.96 0.00	44.66 2.16 0.00	47.39 2.78 0.00	45.71 3.03 0.00	72.39 4.69 0.00	70.85 4.59 0.00	89.45 6.02 0.00	204.22 14.10 0.00	189.87 14.42 0.00	193.54 15.75 0.00	438.53 35.28 -5.62	383.72 23.82 -86.23	222.25 16.74 0.00	280.01 18.26 0.00	86.14 5.41 0.00	57.89 3.89 0.00	54.59 3.12 0.00
DANSKAMMER___2 23589	42.60 1.64 0.00	40.95 1.51 0.00	40.69 1.49 0.00	40.11 1.59 0.00	40.31 1.45 0.00	41.79 1.30 0.00	41.50 1.52 0.00	41.54 1.96 0.00	44.66 2.16 0.00	47.39 2.78 0.00	45.71 3.03 0.00	72.39 4.69 0.00	70.85 4.59 0.00	89.45 6.02 0.00	204.22 14.10 0.00	189.87 14.42 0.00	193.54 15.75 0.00	438.53 35.28 -5.62	383.72 23.82 -86.23	222.25 16.74 0.00	280.01 18.26 0.00	86.14 5.41 0.00	57.89 3.89 0.00	54.59 3.12 0.00
DANSKAMMER___3 23590	42.60 1.64 0.00	40.95 1.51 0.00	40.69 1.49 0.00	40.11 1.59 0.00	40.31 1.45 0.00	41.79 1.30 0.00	41.50 1.52 0.00	41.54 1.96 0.00	44.66 2.16 0.00	47.39 2.78 0.00	45.71 3.03 0.00	72.39 4.69 0.00	70.85 4.59 0.00	89.45 6.02 0.00	204.22 14.10 0.00	189.87 14.42 0.00	193.54 15.75 0.00	438.53 35.28 -5.62	383.72 23.82 -86.23	222.25 16.74 0.00	280.01 18.26 0.00	86.14 5.41 0.00	57.89 3.89 0.00	54.59 3.12 0.00
DANSKAMMER___4 23591	42.60 1.64 0.00	40.95 1.51 0.00	40.69 1.49 0.00	40.11 1.59 0.00	40.31 1.45 0.00	41.79 1.30 0.00	41.50 1.52 0.00	41.54 1.96 0.00	44.66 2.16 0.00	47.39 2.78 0.00	45.71 3.03 0.00	72.39 4.69 0.00	70.85 4.59 0.00	89.45 6.02 0.00	204.22 14.10 0.00	189.87 14.42 0.00	193.54 15.75 0.00	438.53 35.28 -5.62	383.72 23.82 -86.23	222.25 16.74 0.00	280.01 18.26 0.00	86.14 5.41 0.00	57.89 3.89 0.00	54.59 3.12 0.00
DANSKAMMER___DIESEL 23592	42.59 1.64 0.00	40.95 1.51 0.00	40.69 1.49 0.00	40.11 1.59 0.00	40.31 1.45 0.00	41.78 1.29 0.00	41.49 1.51 0.00	41.53 1.96 0.00	44.66 2.16 0.00	47.39 2.78 0.00	45.71 3.03 0.00	72.39 4.70 0.00	70.85 4.59 0.00	89.45 6.02 0.00	204.22 14.10 0.00	189.84 14.39 0.00	193.54 15.76 0.00	438.55 35.29 -5.62	383.76 23.87 -86.23	222.27 16.76 0.00	280.01 18.26 0.00	86.14 5.41 0.00	57.89 3.89 0.00	54.59 3.12 0.00
DARBY___SOLAR 323810	43.39 2.44 0.00	41.66 2.22 0.00	41.37 2.16 0.00	40.68 2.17 0.00	40.99 2.13 0.00	42.73 2.24 0.00	42.28 2.30 0.00	41.97 2.40 0.00	44.87 2.38 0.00	47.12 2.51 0.00	45.09 2.42 0.00	71.42 3.73 0.00	70.19 3.92 0.00	89.81 4.94 -1.44	201.18 11.06 0.00	189.49 11.81 -2.23	201.95 11.77 -12.39	467.22 29.55 -40.04	558.65 21.41 -263.58	221.03 15.51 0.00	280.96 19.21 0.00	86.28 5.55 0.00	57.87 3.87 0.00	54.97 3.49 0.00

DASHVILLE___HYD 23610	42.13 1.19 0.00	40.51 1.07 0.00	40.31 1.10 0.00	39.74 1.23 0.00	39.95 1.09 0.00	41.36 0.87 0.00	41.08 1.10 0.00	41.92 2.34 0.00	45.16 2.66 0.00	47.95 3.34 0.00	46.29 3.61 0.00	73.32 5.63 0.00	72.08 5.82 0.00	91.45 8.01 0.00	208.77 18.65 0.00	194.21 18.76 0.00	198.45 20.66 0.00	451.27 47.06 -6.58	405.85 31.28 -100.91	228.01 22.50 0.00	277.13 15.38 0.00	85.55 4.81 0.00	57.47 3.47 0.00	54.18 2.71 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	45.64 4.39 -0.30	43.70 4.27 0.00	43.56 4.36 0.00	43.04 4.53 0.00	43.12 4.25 0.00	44.11 3.62 0.00	43.93 3.94 0.00	43.86 4.28 0.00	46.77 4.28 0.00	49.70 5.09 0.00	48.41 5.73 0.00	117.05 8.96 -40.40	379.75 9.07 -304.42	351.49 11.58 -256.47	341.16 25.95 -125.09	314.25 24.93 -113.87	350.02 26.01 -146.22	576.29 57.09 -121.57	397.93 36.33 -87.94	291.60 25.42 -60.67	291.12 28.72 -0.65	109.91 10.46 -18.71	58.67 7.46 2.78	57.51 6.04 0.00
DELAWARE___LFGE 323621	42.15 1.20 0.00	40.57 1.13 0.00	40.38 1.17 0.00	39.71 1.19 0.00	40.03 1.17 0.00	41.66 1.17 0.00	41.09 1.11 0.00	40.72 1.14 0.00	43.78 1.28 0.00	46.28 1.67 0.00	44.43 1.76 0.00	70.42 2.72 0.00	68.94 2.67 0.00	86.76 3.32 0.00	197.68 7.56 0.00	182.51 7.06 0.00	185.32 7.54 0.00	417.90 16.29 -3.98	345.76 11.11 -60.99	214.36 8.85 0.00	273.27 11.52 0.00	84.24 3.50 0.00	56.35 2.35 0.00	53.58 2.11 0.00
DERFIELD_115KV_TB7 355931	41.15 0.21 0.00	39.63 0.20 0.00	39.39 0.18 0.00	38.71 0.19 0.00	39.06 0.20 0.00	40.69 0.20 0.00	40.18 0.20 0.00	39.78 0.20 0.00	42.69 0.19 0.00	44.88 0.27 0.00	43.01 0.34 0.00	68.16 0.47 0.00	66.76 0.50 0.00	84.05 0.61 0.00	191.47 1.35 0.00	176.86 1.40 0.00	179.27 1.48 0.00	401.15 3.52 0.00	276.15 2.48 0.00	209.59 2.02 -2.06	265.58 2.54 -1.29	81.50 0.77 0.00	54.52 0.52 0.00	51.89 0.41 0.00
DOGLEVILLE___HYD 23807	41.18 0.24 0.00	39.44 0.00 0.00	39.35 0.15 0.00	38.78 0.27 0.00	39.05 0.19 0.00	40.66 0.17 0.00	40.07 0.09 0.00	39.93 0.35 0.00	42.62 0.13 0.00	44.77 0.16 0.00	42.86 0.18 0.00	67.94 0.24 0.00	66.65 0.39 0.00	84.16 0.72 0.00	192.17 2.05 0.00	178.92 3.47 0.00	181.48 3.70 0.00	409.36 11.73 0.00	282.66 9.00 0.00	214.48 6.91 -2.06	272.26 9.23 -1.29	83.18 2.45 0.00	55.70 1.70 0.00	52.91 1.44 0.00
DUNKIRK___115KV_TB_200 55889	42.21 1.26 0.00	40.21 0.77 0.00	39.37 0.17 0.00	38.32 -0.19 0.00	38.79 -0.08 0.00	40.70 0.21 0.00	40.35 0.37 0.00	40.09 0.51 0.00	43.86 1.36 0.00	47.53 2.92 0.00	45.84 3.16 0.00	72.80 5.11 0.00	70.82 4.56 0.00	88.43 4.99 0.00	200.50 10.38 0.00	181.21 5.76 0.00	182.79 5.00 0.00	407.27 7.90 -1.74	292.53 4.93 -13.94	211.84 6.33 0.00	274.75 13.01 0.00	83.74 3.01 0.00	55.70 1.70 0.00	52.86 1.39 0.00
DUNKIRK___1 23563	42.21 1.26 0.00	40.21 0.77 0.00	39.37 0.17 0.00	38.32 -0.19 0.00	38.79 -0.08 0.00	40.70 0.21 0.00	40.35 0.37 0.00	40.09 0.51 0.00	43.86 1.36 0.00	47.53 2.92 0.00	45.84 3.16 0.00	72.80 5.11 0.00	70.82 4.56 0.00	88.43 4.99 0.00	200.50 10.38 0.00	181.21 5.76 0.00	182.79 5.00 0.00	407.27 7.90 -1.74	292.53 4.93 -13.94	211.84 6.33 0.00	274.75 13.01 0.00	83.74 3.01 0.00	55.70 1.70 0.00	52.86 1.39 0.00
DUNKIRK___2 23564	42.21 1.26 0.00	40.21 0.77 0.00	39.37 0.17 0.00	38.32 -0.19 0.00	38.79 -0.08 0.00	40.70 0.21 0.00	40.35 0.37 0.00	40.09 0.51 0.00	43.86 1.36 0.00	47.53 2.92 0.00	45.84 3.16 0.00	72.80 5.11 0.00	70.82 4.56 0.00	88.43 4.99 0.00	200.50 10.38 0.00	181.21 5.76 0.00	182.79 5.00 0.00	407.27 7.90 -1.74	292.53 4.93 -13.94	211.84 6.33 0.00	274.75 13.01 0.00	83.74 3.01 0.00	55.70 1.70 0.00	52.86 1.39 0.00
DUNKIRK___3 23565	41.97 1.02 0.00	39.99 0.55 0.00	39.22 0.01 0.00	38.18 -0.33 0.00	38.65 -0.21 0.00	40.52 0.03 0.00	40.16 0.18 0.00	39.86 0.28 0.00	43.57 1.07 0.00	47.18 2.57 0.00	45.49 2.82 0.00	72.28 4.59 0.00	70.25 3.98 0.00	87.79 4.35 0.00	199.07 8.95 0.00	180.11 4.66 0.00	181.92 4.14 0.00	404.98 5.70 -1.64	290.71 3.17 -13.87	210.57 5.06 0.00	273.11 11.36 0.00	83.50 2.77 0.00	55.55 1.55 0.00	52.59 1.12 0.00
DUNKIRK___4 23566	41.97 1.02 0.00	39.99 0.55 0.00	39.22 0.01 0.00	38.18 -0.33 0.00	38.65 -0.21 0.00	40.52 0.03 0.00	40.16 0.18 0.00	39.86 0.28 0.00	43.57 1.07 0.00	47.18 2.57 0.00	45.49 2.82 0.00	72.28 4.59 0.00	70.25 3.98 0.00	87.79 4.35 0.00	199.07 8.95 0.00	180.11 4.66 0.00	181.92 4.14 0.00	404.98 5.70 -1.64	290.71 3.17 -13.87	210.57 5.06 0.00	273.11 11.36 0.00	83.50 2.77 0.00	55.55 1.55 0.00	52.59 1.12 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	42.52 1.57 0.00	40.90 1.46 0.00	40.69 1.49 0.00	40.16 1.65 0.00	40.36 1.50 0.00	41.73 1.24 0.00	41.44 1.46 0.00	41.39 1.81 0.00	44.51 2.02 0.00	47.24 2.63 0.00	45.60 2.93 0.00	72.10 4.41 0.00	70.77 4.50 0.00	95.95 6.14 -6.37	204.21 14.09 0.00	199.69 14.36 -9.88	248.28 15.54 -54.96	539.09 34.58 -106.88	381.64 22.82 -85.16	221.28 15.77 0.00	280.29 18.54 0.00	86.35 5.62 0.00	57.99 3.99 0.00	54.53 3.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.16 1.21 0.00	40.53 1.09 0.00	40.29 1.09 0.00	39.71 1.20 0.00	39.95 1.09 0.00	41.39 0.90 0.00	41.05 1.07 0.00	41.06 1.48 0.00	44.14 1.65 0.00	46.77 2.17 0.00	45.07 2.40 0.00	71.34 3.65 0.00	70.13 3.87 0.00	87.33 5.42 1.53	202.78 12.66 0.00	186.03 12.96 2.38	178.72 14.17 13.24	410.32 31.69 19.00	377.90 21.36 -82.88	220.56 15.05 0.00	278.05 16.30 0.00	85.61 4.87 0.00	57.48 3.48 0.00	54.18 2.71 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	42.51 1.56 0.00	40.85 1.41 0.00	40.61 1.41 0.00	40.12 1.60 0.00	40.28 1.42 0.00	41.64 1.15 0.00	41.47 1.48 0.00	41.35 1.76 0.00	44.51 2.02 0.00	47.23 2.62 0.00	45.54 2.88 0.01	72.21 4.52 0.00	70.92 4.66 0.01	96.19 6.38 -6.37	204.67 14.55 0.00	200.15 14.82 -9.88	248.90 16.11 -55.00	540.17 35.57 -106.97	382.29 23.47 -85.15	221.83 16.32 0.00	281.00 19.25 0.00	86.71 5.97 -0.01	58.17 4.18 0.00	54.62 3.16 0.01
E179THST_13_KV_LOAD 356214	42.79 1.84 0.00	41.11 1.67 0.00	40.85 1.65 0.00	40.35 1.84 0.00	40.52 1.66 0.00	41.88 1.39 0.00	41.72 1.74 0.00	41.60 2.03 0.00	44.81 2.32 0.00	47.55 2.94 0.00	45.86 3.19 0.01	72.73 5.05 0.00	71.43 5.17 0.01	96.84 7.03 -6.37	206.21 16.09 0.00	201.57 16.24 -9.88	250.38 17.60 -55.00	543.43 38.83 -106.97	384.55 25.73 -85.15	223.53 18.02 0.00	283.16 21.41 0.00	87.35 6.61 -0.01	58.60 4.61 0.00	55.02 3.55 0.01
EAST HAMPTON___GT 23717	46.42 5.17 -0.30	44.47 5.03 0.00	44.29 5.09 0.00	43.76 5.24 0.00	43.82 4.96 0.00	44.78 4.29 0.00	44.68 4.70 0.00	44.62 5.04 0.00	47.66 5.17 0.00	50.72 6.11 0.00	49.34 6.67 0.00	118.58 10.48 -40.41	381.33 10.59 -304.48	353.20 13.16 -256.60	344.32 29.00 -125.20	317.15 27.69 -114.00	353.03 28.92 -146.32	582.65 63.42 -121.60	402.12 40.52 -87.94	294.52 28.23 -60.77	294.41 32.01 -0.65	111.60 12.14 -18.72	59.82 8.61 2.78	58.54 7.07 0.00

EAST RIVER___6 23660	42.72 1.77 0.00	41.05 1.61 0.00	40.79 1.59 0.00	40.30 1.79 0.00	40.49 1.62 0.00	41.85 1.36 0.00	41.64 1.66 0.00	41.65 2.07 0.00	44.85 2.36 0.00	47.68 3.07 0.00	46.05 3.37 0.00	72.86 5.17 0.00	71.57 5.31 0.00	97.03 7.22 -6.38	206.57 16.45 0.00	201.87 16.53 -9.89	250.62 17.81 -55.02	544.14 39.50 -107.00	384.54 25.73 -85.15	223.33 17.81 0.00	283.17 21.42 0.00	87.23 6.50 0.00	58.54 4.54 0.00	54.96 3.49 0.00
EAST RIVER___7 23524	42.72 1.77 0.00	41.05 1.61 0.00	40.79 1.59 0.00	40.30 1.79 0.00	40.49 1.62 0.00	41.85 1.36 0.00	41.64 1.66 0.00	41.65 2.07 0.00	44.85 2.36 0.00	47.68 3.07 0.00	46.05 3.37 0.00	72.86 5.17 0.00	71.57 5.31 0.00	97.03 7.22 -6.38	206.57 16.45 0.00	201.87 16.53 -9.89	250.62 17.81 -55.02	544.14 39.50 -107.00	384.54 25.73 -85.15	223.33 17.81 0.00	283.17 21.42 0.00	87.23 6.50 0.00	58.54 4.54 0.00	54.96 3.49 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.43 1.48 0.00	40.81 1.38 0.00	40.58 1.38 0.00	40.05 1.53 0.00	40.25 1.39 0.00	41.64 1.15 0.00	41.34 1.36 0.00	41.27 1.70 0.00	44.39 1.90 0.00	47.10 2.49 0.00	45.46 2.79 0.00	71.92 4.22 0.00	70.57 4.31 0.00	96.10 5.89 -6.78	203.66 13.54 0.00	199.78 13.82 -10.51	251.19 14.94 -58.47	544.25 33.27 -113.35	380.60 22.02 -84.92	220.74 15.23 0.00	279.58 17.83 0.00	86.12 5.38 0.00	57.83 3.83 0.00	54.40 2.93 0.00
EAST_HAMPTON___DIESEL 23722	46.45 5.20 -0.30	44.49 5.05 0.00	44.31 5.10 0.00	43.77 5.25 0.00	43.83 4.96 0.00	44.78 4.30 0.00	44.69 4.71 0.00	44.63 5.05 0.00	47.67 5.18 0.00	50.72 6.11 0.00	49.36 6.69 0.00	118.60 10.49 -40.41	381.36 10.61 -304.48	353.24 13.20 -256.59	344.46 29.14 -125.20	317.26 27.81 -113.99	353.15 29.04 -146.32	583.04 63.80 -121.60	402.31 40.71 -87.94	294.67 28.39 -60.77	294.60 32.20 -0.65	111.63 12.17 -18.72	59.83 8.62 2.78	58.57 7.09 0.00
EAST_PULASKI___ESR 323781	41.28 0.33 0.00	39.72 0.28 0.00	39.31 0.11 0.00	38.62 0.12 0.00	39.09 0.23 0.00	40.85 0.36 0.00	40.42 0.43 0.00	39.87 0.29 0.00	42.82 0.32 0.00	45.17 0.56 0.00	43.23 0.55 0.00	68.38 0.69 0.00	67.11 0.84 0.00	84.50 1.06 0.00	192.34 2.22 0.00	176.82 1.37 0.00	179.19 1.40 0.00	400.36 2.73 0.00	275.31 1.65 0.00	215.63 3.78 -6.34	271.25 5.53 -3.96	82.47 1.73 0.00	54.85 0.86 0.00	51.72 0.25 0.00
EAST_RIVER___1 323558	42.60 1.65 0.00	40.97 1.53 0.00	40.74 1.53 0.00	40.24 1.72 0.00	40.42 1.56 0.00	41.77 1.28 0.00	41.53 1.55 0.00	41.50 1.92 0.00	44.70 2.21 0.00	47.50 2.89 0.00	45.86 3.19 0.00	72.57 4.88 0.00	71.27 5.01 0.00	96.62 6.81 -6.38	205.64 15.52 0.00	201.05 15.71 -9.89	249.80 16.99 -55.02	542.31 37.68 -107.00	383.42 24.61 -85.15	222.49 16.98 0.00	281.92 20.17 0.00	86.87 6.13 0.00	58.32 4.33 0.00	54.77 3.29 0.00
EAST_RIVER___2 323559	42.72 1.77 0.00	41.05 1.61 0.00	40.79 1.59 0.00	40.30 1.79 0.00	40.49 1.62 0.00	41.85 1.36 0.00	41.64 1.66 0.00	41.65 2.07 0.00	44.85 2.36 0.00	47.68 3.07 0.00	46.05 3.37 0.00	72.86 5.17 0.00	71.57 5.31 0.00	97.03 7.22 -6.38	206.57 16.45 0.00	201.87 16.53 -9.89	250.62 17.81 -55.02	544.14 39.50 -107.00	384.54 25.73 -85.15	223.33 17.81 0.00	283.17 21.42 0.00	87.23 6.50 0.00	58.54 4.54 0.00	54.96 3.49 0.00
EAST___DELAWARE_HYD 23607	41.85 0.90 0.00	40.24 0.80 0.00	39.98 0.77 0.00	39.38 0.87 0.00	39.61 0.75 0.00	41.05 0.56 0.00	40.77 0.79 0.00	40.97 1.39 0.00	44.01 1.51 0.00	46.47 1.86 0.00	43.71 1.04 0.00	69.47 1.78 0.00	68.18 1.92 0.00	85.42 3.00 1.03	197.65 7.53 0.00	182.11 8.25 1.59	178.71 9.78 8.86	409.32 22.89 11.20	368.17 15.68 -78.84	216.40 10.89 0.00	270.78 9.03 0.00	83.55 2.81 0.00	57.04 3.04 0.00	53.74 2.27 0.00
EIGHT_POINT___WT_PWR 323820	42.20 1.25 0.00	40.30 0.86 0.00	39.75 0.55 0.00	38.85 0.34 0.00	39.30 0.44 0.00	41.05 0.57 0.00	40.39 0.41 0.00	39.95 0.37 0.00	43.56 1.07 0.00	47.09 2.49 0.00	45.25 2.58 0.00	71.93 4.24 0.00	70.02 3.76 0.00	87.66 4.23 0.00	199.66 9.54 0.00	181.51 6.06 0.00	183.35 5.57 0.00	407.23 8.17 -1.43	296.03 5.37 -17.00	212.11 6.60 0.00	272.68 10.93 0.00	83.01 2.28 0.00	55.22 1.22 0.00	52.26 0.78 0.00
ELBRIDGE_115KV_TB2 80188	41.42 0.47 0.00	39.88 0.44 0.00	39.47 0.27 0.00	38.78 0.27 0.00	39.17 0.30 0.00	40.81 0.32 0.00	40.33 0.35 0.00	39.87 0.29 0.00	42.87 0.38 0.00	45.27 0.66 0.00	43.49 0.82 0.00	68.87 1.18 0.00	67.43 1.17 0.00	84.99 1.56 0.00	194.36 4.25 0.00	178.85 3.39 0.00	181.26 3.47 0.00	403.74 5.58 -0.53	284.73 2.98 -8.09	211.06 4.02 -1.52	268.03 5.33 -0.95	82.39 1.65 0.00	54.96 0.96 0.00	52.00 0.52 0.00
ELEC_TRO_TEK 24086	42.90 1.95 0.00	41.35 1.91 0.00	41.21 2.01 0.00	40.69 2.18 0.00	40.80 1.94 0.00	41.95 1.46 0.00	41.71 1.73 0.00	41.61 2.03 0.00	44.49 2.00 0.00	47.17 2.56 0.00	45.72 3.04 0.00	72.24 4.55 0.00	70.93 4.67 0.00	96.19 6.43 -6.33	205.21 15.09 0.00	201.78 15.44 -10.88	291.50 16.63 -97.09	540.35 36.55 -106.16	382.54 23.70 -85.18	221.54 16.03 0.00	279.68 17.93 0.00	86.73 5.87 -0.13	70.09 4.21 -11.88	54.74 3.27 0.00
ELLENBURG_WT_PWR 323604	39.94 -1.01 0.00	38.58 -0.85 0.00	38.61 -0.59 0.00	37.92 -0.59 0.00	38.31 -0.55 0.00	39.95 -0.54 0.00	39.57 -0.41 0.00	39.17 -0.41 0.00	41.96 -0.53 0.00	43.63 -0.98 0.00	41.39 -1.28 0.00	65.81 -1.88 0.00	64.38 -1.88 0.00	81.05 -2.38 0.00	184.41 -5.71 0.00	169.81 -5.65 0.00	171.94 -5.84 0.00	386.44 -11.19 0.00	267.74 -5.92 0.00	192.92 -5.65 6.95	249.15 -8.25 4.35	77.83 -2.91 0.00	51.97 -2.03 0.00	49.64 -1.84 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.75 0.80 0.00	39.68 0.24 0.00	38.94 -0.26 0.00	37.87 -0.64 0.00	38.35 -0.51 0.00	40.21 -0.28 0.00	39.83 -0.15 0.00	39.42 -0.16 0.00	43.05 0.56 0.00	46.68 2.07 0.00	45.08 2.40 0.00	71.69 4.00 0.00	69.46 3.20 0.00	86.71 3.27 0.00	196.26 6.14 0.00	177.96 2.50 0.00	180.04 2.26 0.00	399.67 0.79 -1.25	286.92 0.21 -13.05	208.59 3.08 0.00	271.00 9.25 0.00	83.29 2.56 0.00	55.36 1.36 0.00	52.15 0.68 0.00
EMPIRE_CC_1 323656	41.70 0.75 0.00	40.11 0.67 0.00	39.96 0.76 0.00	39.33 0.81 0.00	39.60 0.73 0.00	41.20 0.71 0.00	40.68 0.70 0.00	40.38 0.80 0.00	43.15 0.66 0.00	45.36 0.75 0.00	43.40 0.72 0.00	68.56 0.87 0.00	67.26 0.99 0.00	86.40 1.20 -1.76	193.07 2.95 0.00	182.45 4.28 -2.72	197.10 4.16 -15.15	445.87 11.67 -36.57	415.15 9.15 -132.35	211.65 6.14 0.00	269.39 7.64 0.00	82.65 1.92 0.00	55.62 1.62 0.00	52.85 1.38 0.00
EMPIRE_CC_2 323658	41.70 0.75 0.00	40.11 0.67 0.00	39.96 0.76 0.00	39.33 0.81 0.00	39.60 0.73 0.00	41.20 0.71 0.00	40.68 0.70 0.00	40.38 0.80 0.00	43.15 0.66 0.00	45.36 0.75 0.00	43.40 0.72 0.00	68.56 0.87 0.00	67.26 0.99 0.00	86.40 1.20 -1.76	193.07 2.95 0.00	182.45 4.28 -2.72	197.10 4.16 -15.15	445.87 11.67 -36.57	415.15 9.15 -132.35	211.65 6.14 0.00	269.39 7.64 0.00	82.65 1.92 0.00	55.62 1.62 0.00	52.85 1.38 0.00

ENORWICH_115KV_TB1 80156	44.37 3.43 0.00	42.60 3.16 0.00	42.17 2.96 0.00	41.38 2.86 0.00	41.84 2.98 0.00	43.73 3.24 0.00	43.35 3.37 0.00	42.93 3.35 0.00	46.21 3.72 0.00	48.80 4.20 0.00	46.54 3.87 0.00	73.78 6.09 0.00	72.52 6.25 0.00	91.31 7.88 0.00	209.94 19.82 0.00	192.00 16.54 0.00	196.22 18.44 0.00	443.52 43.71 -2.18	339.23 32.15 -33.42	231.74 26.23 0.00	295.54 33.79 0.00	90.29 9.56 0.00	59.85 5.85 0.00	56.26 4.79 0.00
ERIE_ST__34_KV_TB1-2 80199	42.14 1.19 0.00	40.05 0.61 0.00	39.31 0.11 0.00	38.22 -0.29 0.00	38.70 -0.16 0.00	40.59 0.10 0.00	40.23 0.25 0.00	39.88 0.30 0.00	43.59 1.09 0.00	47.26 2.65 0.00	45.64 2.97 0.00	72.65 4.96 0.00	70.55 4.29 0.00	88.25 4.81 0.00	200.03 9.91 0.00	181.56 6.10 0.00	183.74 5.95 0.00	408.66 9.06 -1.96	292.66 5.37 -13.62	211.76 6.25 0.00	274.92 13.17 0.00	84.25 3.51 0.00	55.96 1.96 0.00	52.64 1.17 0.00
ERIE_WT_PWR 323693	41.97 1.02 0.00	39.92 0.48 0.00	39.16 -0.04 0.00	38.10 -0.41 0.00	38.58 -0.28 0.00	40.44 -0.04 0.00	40.06 0.08 0.00	39.69 0.11 0.00	43.34 0.85 0.00	46.98 2.37 0.00	45.39 2.71 0.00	72.17 4.48 0.00	70.03 3.76 0.00	87.49 4.06 0.00	198.22 8.10 0.00	179.67 4.21 0.00	181.83 4.04 0.00	404.60 4.82 -2.14	289.70 2.62 -13.42	210.22 4.71 0.00	273.34 11.59 0.00	83.88 3.15 0.00	55.75 1.75 0.00	52.48 1.01 0.00
ESPRGFLD_115KV_TB1 80157	43.56 2.61 0.00	41.92 2.48 0.00	41.57 2.37 0.00	40.82 2.30 0.00	41.27 2.41 0.00	43.11 2.61 0.00	42.72 2.74 0.00	42.16 2.58 0.00	45.38 2.88 0.00	47.86 3.25 0.00	45.94 3.27 0.00	73.03 5.34 0.00	71.48 5.21 0.00	89.96 6.53 0.00	204.49 14.37 0.00	187.49 12.04 0.00	190.36 12.57 0.00	437.73 27.78 -12.32	482.65 19.99 -189.00	222.00 16.49 0.00	283.41 21.66 0.00	87.43 6.70 0.00	58.09 4.10 0.00	54.99 3.51 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.35 1.40 0.00	40.71 1.26 0.00	40.30 1.09 0.00	39.56 1.05 0.00	39.96 1.10 0.00	41.67 1.18 0.00	41.22 1.24 0.00	40.79 1.21 0.00	43.93 1.44 0.00	46.43 1.83 0.00	44.46 1.79 0.00	70.43 2.73 0.00	69.04 2.78 0.00	87.00 3.57 0.00	198.94 8.82 0.00	182.81 7.36 0.00	185.68 7.89 0.00	416.25 17.36 -1.25	305.15 12.25 -19.24	216.84 11.03 -0.29	276.72 14.68 -0.29	84.94 4.20 0.00	56.57 2.57 0.00	53.49 2.01 0.00
ETNA____115KV_TB2 80207	42.35 1.40 0.00	40.71 1.26 0.00	40.30 1.09 0.00	39.56 1.05 0.00	39.96 1.10 0.00	41.67 1.18 0.00	41.22 1.24 0.00	40.79 1.21 0.00	43.93 1.44 0.00	46.43 1.83 0.00	44.46 1.79 0.00	70.43 2.73 0.00	69.04 2.78 0.00	87.00 3.57 0.00	198.94 8.82 0.00	182.81 7.36 0.00	185.68 7.89 0.00	416.25 17.36 -1.25	305.15 12.25 -19.24	216.84 11.03 -0.29	276.72 14.68 -0.29	84.94 4.20 0.00	56.57 2.57 0.00	53.49 2.01 0.00
EUCLID__115KV_TB2 356179	41.07 0.13 0.00	39.52 0.08 0.00	39.18 -0.03 0.00	38.44 -0.08 0.00	38.80 -0.06 0.00	40.50 0.01 0.00	39.98 0.00 0.00	39.47 -0.11 0.00	42.48 -0.02 0.00	44.90 0.29 0.00	43.11 0.44 0.00	68.40 0.70 0.00	66.99 0.73 0.00	84.38 0.95 0.00	192.71 2.59 0.00	177.37 1.92 0.00	179.77 1.99 0.00	400.25 2.62 0.00	274.79 1.13 0.00	209.59 2.09 -1.99	265.92 2.93 -1.25	81.62 0.89 0.00	54.47 0.47 0.00	51.61 0.14 0.00
E_CANADA_CAP_HY 24051	44.20 3.25 0.00	42.54 3.10 0.00	42.15 2.94 0.00	41.38 2.87 0.00	41.88 3.02 0.00	43.77 3.28 0.00	43.44 3.46 0.00	42.82 3.24 0.00	45.97 3.47 0.00	48.27 3.66 0.00	46.23 3.55 0.00	73.44 5.76 0.00	71.94 5.67 0.00	91.50 7.06 -1.00	205.54 15.42 0.00	189.70 12.69 -1.56	199.72 13.28 -8.65	459.30 30.39 -31.28	531.65 22.91 -235.08	224.37 18.86 0.00	286.91 25.16 0.00	88.56 7.82 0.00	58.77 4.77 0.00	55.62 4.15 0.00
E_CANADA_MHWK_HY 24050	41.18 0.24 0.00	39.44 0.00 0.00	39.35 0.15 0.00	38.78 0.27 0.00	39.05 0.19 0.00	40.66 0.17 0.00	40.07 0.09 0.00	39.93 0.35 0.00	42.62 0.13 0.00	44.77 0.16 0.00	42.86 0.18 0.00	67.94 0.24 0.00	66.65 0.39 0.00	84.16 0.72 0.00	192.17 2.05 0.00	178.92 3.47 0.00	181.48 3.70 0.00	409.36 11.73 0.00	282.66 9.00 0.00	214.48 6.91 -2.06	272.26 9.23 -1.29	83.18 2.45 0.00	55.70 1.70 0.00	52.91 1.44 0.00
E_FISHKILL__LBMP 23776	42.18 1.23 0.00	40.56 1.12 0.00	40.34 1.14 0.00	39.78 1.27 0.00	39.99 1.13 0.00	41.42 0.93 0.00	41.09 1.10 0.00	40.98 1.40 0.00	44.03 1.53 0.00	46.62 2.01 0.00	44.93 2.26 0.00	71.05 3.36 0.00	69.68 3.42 0.00	90.58 4.67 -2.48	200.86 10.74 0.00	190.54 11.25 -3.84	211.34 12.21 -21.35	469.88 27.18 -45.07	379.30 18.25 -87.38	218.21 12.70 0.00	276.52 14.77 0.00	85.17 4.44 0.00	57.24 3.24 0.00	54.00 2.52 0.00
FALCON__SEABRD_CC1 323796	40.01 -0.94 0.00	38.70 -0.74 0.00	38.86 -0.34 0.00	38.16 -0.35 0.00	38.54 -0.32 0.00	40.16 -0.33 0.00	39.75 -0.23 0.00	39.31 -0.27 0.00	42.05 -0.44 0.00	43.73 -0.88 0.00	41.44 -1.23 0.00	65.88 -1.81 0.00	64.51 -1.75 0.00	81.27 -2.16 0.00	185.15 -4.97 0.00	170.57 -4.88 0.00	172.54 -5.25 0.00	388.21 -9.42 0.00	269.17 -4.49 0.00	193.69 -4.67 7.15	250.28 -7.00 4.47	78.03 -2.70 0.00	52.16 -1.84 0.00	49.74 -1.73 0.00
FALCON__SEABRD_CC2 323797	40.01 -0.94 0.00	38.70 -0.74 0.00	38.86 -0.34 0.00	38.16 -0.35 0.00	38.54 -0.32 0.00	40.16 -0.33 0.00	39.75 -0.23 0.00	39.31 -0.27 0.00	42.05 -0.44 0.00	43.73 -0.88 0.00	41.44 -1.23 0.00	65.88 -1.81 0.00	64.51 -1.75 0.00	81.27 -2.16 0.00	185.15 -4.97 0.00	170.57 -4.88 0.00	172.54 -5.25 0.00	388.21 -9.42 0.00	269.17 -4.49 0.00	193.69 -4.67 7.15	250.28 -7.00 4.47	78.03 -2.70 0.00	52.16 -1.84 0.00	49.74 -1.73 0.00
FAR ROCKAWAY__4 23548	43.48 2.53 0.00	41.94 2.50 0.00	41.74 2.53 0.00	41.12 2.61 0.00	41.44 2.58 0.00	42.65 2.16 0.00	42.45 2.47 0.00	42.32 2.74 0.00	45.24 2.75 0.00	48.03 3.43 0.00	46.62 3.94 0.00	73.68 5.99 0.00	72.43 6.16 0.00	97.58 7.81 -6.33	208.47 18.34 0.00	204.80 18.46 -10.88	294.64 19.77 -97.09	547.47 43.68 -106.16	387.13 28.29 -85.18	224.75 19.24 0.00	283.56 21.81 0.00	88.21 6.99 -0.48	93.05 4.90 -34.15	55.61 4.13 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.64 1.69 0.00	40.99 1.55 0.00	40.76 1.55 0.00	40.26 1.75 0.00	40.45 1.58 0.00	41.80 1.30 0.00	41.55 1.57 0.00	41.53 1.95 0.00	44.73 2.23 0.00	47.52 2.91 0.00	45.88 3.20 0.00	72.59 4.90 0.00	71.29 5.02 0.00	96.65 6.83 -6.38	205.71 15.59 0.00	201.09 15.75 -9.89	249.85 17.05 -55.02	542.43 37.81 -107.00	383.55 24.74 -85.15	222.66 17.15 0.00	282.01 20.26 0.00	86.90 6.17 0.00	58.35 4.35 0.00	54.78 3.31 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.68 1.73 0.00	41.05 1.61 0.00	40.81 1.61 0.00	40.31 1.80 0.00	40.50 1.63 0.00	41.84 1.35 0.00	41.60 1.62 0.00	41.57 2.00 0.00	44.77 2.27 0.00	47.57 2.96 0.00	45.92 3.25 0.00	72.66 4.97 0.00	71.36 5.09 0.00	96.75 6.93 -6.38	205.94 15.82 0.00	201.30 15.95 -9.89	250.08 17.28 -55.02	542.97 38.34 -107.00	383.91 25.10 -85.15	222.88 17.37 0.00	282.41 20.66 0.00	87.03 6.29 0.00	58.43 4.43 0.00	54.86 3.38 0.00

FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.60 1.65 0.00	40.97 1.53 0.00	40.74 1.53 0.00	40.25 1.73 0.00	40.44 1.57 0.00	41.77 1.28 0.00	41.54 1.56 0.00	41.51 1.93 0.00	44.70 2.21 0.00	47.50 2.89 0.00	45.85 3.18 0.00	72.54 4.85 0.00	71.24 4.97 0.00	96.59 6.77 -6.38	205.56 15.44 0.00	200.95 15.60 -9.89	249.71 16.90 -55.02	542.18 37.55 -107.00	383.32 24.50 -85.15	222.46 16.94 0.00	281.77 20.02 0.00	86.83 6.10 0.00	58.32 4.32 0.00	54.74 3.27 0.00
FARRAGUT____LBMP 323566	42.56 1.61 0.00	40.93 1.49 0.00	40.70 1.49 0.00	40.21 1.69 0.00	40.39 1.53 0.00	41.73 1.24 0.00	41.49 1.50 0.00	41.46 1.88 0.00	44.64 2.14 0.00	47.42 2.81 0.00	45.78 3.10 0.00	72.43 4.75 0.00	71.14 4.87 0.00	96.45 6.63 -6.38	205.25 15.13 0.00	200.65 15.30 -9.89	249.42 16.62 -55.02	541.45 36.82 -107.00	382.94 24.13 -85.15	222.11 16.60 0.00	281.42 19.67 0.00	86.72 5.99 0.00	58.24 4.24 0.00	54.68 3.21 0.00
FENNER____WINDPWR 24204	42.13 1.18 0.00	40.51 1.07 0.00	40.16 0.96 0.00	39.44 0.93 0.00	39.85 0.99 0.00	41.61 1.12 0.00	41.15 1.17 0.00	40.67 1.09 0.00	43.76 1.27 0.00	46.16 1.56 0.00	44.22 1.55 0.00	70.22 2.53 0.00	68.83 2.57 0.00	86.84 3.40 0.00	198.24 8.12 0.00	182.08 6.63 0.00	184.09 6.30 0.00	412.76 14.53 -0.60	293.19 10.38 -9.15	217.28 8.80 -2.96	275.11 11.51 -1.85	84.00 3.27 0.00	55.83 1.84 0.00	52.79 1.32 0.00
FIBERTEK____ENERGY 23856	41.55 0.61 0.00	40.01 0.57 0.00	39.63 0.42 0.00	38.91 0.39 0.00	39.30 0.43 0.00	40.99 0.50 0.00	40.49 0.51 0.00	39.99 0.41 0.00	42.99 0.49 0.00	45.34 0.73 0.00	43.47 0.79 0.00	68.84 1.15 0.00	67.44 1.18 0.00	85.05 1.62 0.00	195.75 5.63 0.00	180.22 4.77 0.00	182.31 4.53 0.00	403.60 5.97 0.00	276.94 3.28 0.00	211.11 3.83 -1.76	267.88 5.03 -1.10	82.29 1.55 0.00	54.90 0.89 0.00	51.97 0.50 0.00
FITZPATRICK____ 23598	40.53 -0.42 0.00	39.03 -0.41 0.00	38.71 -0.50 0.00	37.99 -0.53 0.00	38.36 -0.51 0.00	40.01 -0.48 0.00	39.47 -0.51 0.00	38.95 -0.63 0.00	41.87 -0.63 0.00	44.16 -0.44 0.00	42.38 -0.30 0.00	67.21 -0.48 0.00	65.79 -0.47 0.00	82.82 -0.62 0.00	188.88 -1.24 0.00	173.93 -1.52 0.00	176.26 -1.53 0.00	392.84 -4.79 0.00	269.73 -3.93 0.00	203.67 -1.85 0.00	259.62 -2.13 0.00	80.14 -0.59 0.00	53.53 -0.46 0.00	50.80 -0.67 0.00
FLOWRFLD_69_KV_BK1 356044	44.18 2.84 -0.38	42.26 2.82 0.00	42.18 2.98 0.00	41.70 3.19 0.00	41.74 2.88 0.00	42.67 2.18 0.00	42.46 2.48 0.00	42.38 2.80 0.00	45.02 2.53 0.00	47.57 2.96 0.00	46.49 3.82 0.00	130.42 5.71 -57.02	501.68 5.85 -429.56	510.09 7.94 -418.72	457.55 18.36 -249.07	443.24 18.02 -249.77	457.66 19.12 -260.75	598.36 41.81 -158.91	395.96 26.87 -95.43	397.47 18.61 -173.35	283.47 20.54 -1.19	121.92 6.77 -34.42	56.25 4.94 2.69	55.40 3.93 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	42.71 1.76 0.00	41.06 1.62 0.00	40.80 1.60 0.00	40.22 1.71 0.00	40.42 1.56 0.00	41.90 1.41 0.00	41.61 1.63 0.00	41.64 2.06 0.00	44.77 2.27 0.00	47.51 2.90 0.00	45.83 3.16 0.00	72.59 4.89 0.00	71.11 4.84 0.00	89.83 6.40 0.00	205.04 14.92 0.00	190.63 15.18 0.00	194.31 16.52 0.00	440.28 37.01 -5.64	385.19 25.02 -86.51	223.09 17.58 0.00	281.29 19.54 0.00	86.49 5.75 0.00	58.09 4.09 0.00	54.75 3.28 0.00
FORT ORANGE____ 23900	41.61 0.66 0.00	40.00 0.56 0.00	39.84 0.64 0.00	39.19 0.68 0.00	39.46 0.60 0.00	41.06 0.57 0.00	40.55 0.57 0.00	40.23 0.65 0.00	43.05 0.56 0.00	45.21 0.60 0.00	43.12 0.45 0.00	68.00 0.31 0.00	66.73 0.46 0.00	85.44 0.58 -1.42	191.86 1.74 0.00	180.75 3.09 -2.20	193.31 3.27 -12.26	441.17 9.14 -34.39	462.03 7.48 -180.89	210.95 5.43 0.00	268.34 6.59 0.00	82.41 1.68 0.00	55.47 1.48 0.00	52.76 1.29 0.00
FORT_DRUM_COGEN 23780	41.83 0.88 0.00	40.18 0.74 0.00	39.57 0.36 0.00	38.99 0.48 0.00	39.75 0.89 0.00	41.69 1.21 0.00	41.45 1.47 0.00	40.86 1.28 0.00	43.81 1.32 0.00	46.07 1.46 0.00	43.79 1.11 0.00	69.10 1.41 0.00	68.12 1.85 0.00	85.60 2.17 0.00	193.34 3.22 0.00	177.38 1.92 0.00	179.88 2.10 0.00	406.28 8.65 0.00	281.62 7.96 0.00	235.14 10.43 -19.19	289.33 15.58 -12.00	85.05 4.31 0.00	55.76 1.76 0.00	51.89 0.41 0.00
FPL_FAR_ROCK_GT1 24212	43.48 2.53 0.00	41.93 2.50 0.00	41.72 2.52 0.00	41.11 2.60 0.00	41.43 2.57 0.00	42.64 2.15 0.00	42.46 2.48 0.00	42.31 2.73 0.00	45.24 2.75 0.00	48.03 3.43 0.00	46.62 3.94 0.00	73.68 5.99 0.00	72.44 6.17 0.00	97.58 7.82 -6.33	208.44 18.32 0.00	204.85 18.51 -10.89	294.66 19.78 -97.09	547.47 43.68 -106.16	387.12 28.28 -85.18	224.74 19.23 0.00	283.56 21.81 0.00	88.19 6.97 -0.48	93.05 4.90 -34.15	55.61 4.13 0.00
FPL_FAR_ROCK_GT2 23815	43.48 2.53 0.00	41.93 2.50 0.00	41.72 2.52 0.00	41.11 2.60 0.00	41.43 2.57 0.00	42.64 2.15 0.00	42.46 2.48 0.00	42.31 2.73 0.00	45.24 2.75 0.00	48.03 3.43 0.00	46.62 3.94 0.00	73.68 5.99 0.00	72.44 6.17 0.00	97.58 7.82 -6.33	208.44 18.32 0.00	204.85 18.51 -10.89	294.66 19.78 -97.09	547.47 43.68 -106.16	387.12 28.28 -85.18	224.74 19.23 0.00	283.56 21.81 0.00	88.19 6.97 -0.48	93.05 4.90 -34.15	55.61 4.13 0.00
FRANKLIN_FALL_HYD 24054	40.04 -0.91 0.00	38.65 -0.78 0.00	38.63 -0.58 0.00	37.88 -0.63 0.00	38.31 -0.55 0.00	39.99 -0.50 0.00	39.64 -0.34 0.00	39.25 -0.33 0.00	42.10 -0.39 0.00	43.74 -0.87 0.00	41.38 -1.29 0.00	65.85 -1.84 0.00	64.40 -1.87 0.00	81.01 -2.43 0.00	183.91 -6.21 0.00	169.40 -6.05 0.00	171.19 -6.59 0.00	385.85 -11.78 0.00	267.60 -6.06 0.00	187.55 -5.43 12.52	247.34 -6.58 7.83	78.55 -2.18 0.00	52.22 -1.78 0.00	49.69 -1.78 0.00
FREEPORT_EQUS_GT1 23764	43.15 2.20 0.00	41.58 2.14 0.00	41.43 2.23 0.00	40.89 2.38 0.00	40.97 2.11 0.00	42.11 1.62 0.00	41.90 1.92 0.00	41.81 2.23 0.00	44.66 2.17 0.00	47.34 2.73 0.00	45.78 3.11 0.00	72.41 4.72 0.00	71.16 4.90 0.00	96.58 6.82 -6.33	206.27 16.15 0.00	202.82 16.48 -10.89	292.81 17.93 -97.09	543.43 39.64 -106.16	384.29 25.45 -85.18	222.65 17.13 0.00	280.78 19.03 0.00	87.19 6.37 -0.09	67.86 4.58 -9.28	55.07 3.60 0.00
FREEPORT____CT2 23818	43.15 2.20 0.00	41.58 2.14 0.00	41.43 2.23 0.00	40.89 2.38 0.00	40.97 2.11 0.00	42.11 1.62 0.00	41.90 1.92 0.00	41.81 2.23 0.00	44.66 2.17 0.00	47.34 2.73 0.00	45.78 3.11 0.00	72.41 4.72 0.00	71.16 4.90 0.00	96.58 6.82 -6.33	206.27 16.15 0.00	202.82 16.48 -10.89	292.81 17.93 -97.09	543.43 39.64 -106.16	384.29 25.45 -85.18	222.65 17.13 0.00	280.78 19.03 0.00	87.19 6.37 -0.09	67.86 4.58 -9.28	55.07 3.60 0.00
FRESHKLS_33_KV_LOAD 356253	37.84 1.44 4.55	38.38 1.31 2.37	38.43 1.32 2.10	37.76 1.52 2.27	38.05 1.34 2.15	38.53 1.00 2.95	38.52 1.41 2.87	37.88 1.78 3.48	49.39 2.11 -4.78	47.45 2.84 0.00	49.44 3.09 -3.67	75.57 4.85 -3.03	85.19 4.69 -14.24	96.36 6.54 -6.39	204.49 14.37 0.00	195.74 14.90 -5.39	249.46 16.68 -55.00	541.32 36.72 -106.97	382.75 23.93 -85.15	219.71 16.65 2.45	278.53 19.96 3.18	97.82 6.22 -10.86	75.16 4.31 -16.85	63.39 3.20 -8.72

FULTON COGEN____ 23766	41.19 0.24 0.00	39.64 0.21 0.00	39.30 0.10 0.00	38.56 0.05 0.00	38.93 0.07 0.00	40.63 0.14 0.00	40.12 0.14 0.00	39.59 0.01 0.00	42.57 0.08 0.00	44.95 0.35 0.00	43.15 0.48 0.00	68.41 0.72 0.00	67.02 0.75 0.00	84.40 0.96 0.00	192.55 2.42 0.00	177.35 1.90 0.00	179.82 2.03 0.00	400.23 2.60 0.00	274.43 0.76 0.00	210.06 2.16 -2.39	266.08 2.83 -1.50	81.72 0.99 0.00	54.53 0.53 0.00	51.66 0.19 0.00
FULTON____LFGE 323630	45.01 4.06 0.00	43.46 4.02 0.00	43.13 3.93 0.00	42.33 3.82 0.00	42.79 3.93 0.00	44.84 4.35 0.00	44.46 4.48 0.00	43.74 4.16 0.00	45.56 3.07 0.00	47.66 3.05 0.00	45.41 2.73 0.00	71.83 4.14 0.00	70.56 4.29 0.00	90.20 5.63 -1.14	202.14 12.02 0.00	189.12 11.91 -1.76	201.27 13.69 -9.79	470.22 37.92 -34.67	561.34 32.90 -254.78	232.99 27.48 0.00	296.40 34.65 0.00	90.98 10.24 0.00	60.36 6.36 0.00	56.93 5.46 0.00
G.F.CEMENT____DRP 24184	44.01 3.06 0.00	42.20 2.76 0.00	41.82 2.62 0.00	41.11 2.60 0.00	41.43 2.57 0.00	43.24 2.75 0.00	42.87 2.89 0.00	42.58 3.00 0.00	45.49 3.00 0.00	47.75 3.14 0.00	45.77 3.10 0.00	72.63 4.94 0.00	71.48 5.22 0.00	91.49 6.64 -1.41	204.56 14.44 0.00	192.66 15.01 -2.19	204.75 14.79 -12.18	474.39 36.60 -40.15	571.02 25.98 -271.38	224.30 18.78 0.00	284.54 22.79 0.00	87.43 6.69 0.00	58.64 4.64 0.00	55.71 4.24 0.00
GARDENVILLE____LBMP 24039	41.85 0.90 0.00	39.78 0.34 0.00	39.05 -0.16 0.00	37.98 -0.53 0.00	38.46 -0.41 0.00	40.32 -0.17 0.00	39.93 -0.06 0.00	39.54 -0.04 0.00	43.18 0.69 0.00	46.82 2.21 0.00	45.20 2.52 0.00	71.89 4.20 0.00	69.71 3.45 0.00	87.07 3.63 0.00	197.18 7.06 0.00	178.79 3.34 0.00	180.82 3.03 0.00	401.87 2.63 -1.61	288.34 1.32 -13.36	209.31 3.80 0.00	271.92 10.17 0.00	83.49 2.76 0.00	55.51 1.52 0.00	52.29 0.82 0.00
GARDNVLA_35_KV_LD 355827	42.06 1.11 0.00	40.00 0.57 0.00	39.24 0.04 0.00	38.17 -0.34 0.00	38.63 -0.23 0.00	40.49 0.00 0.00	40.12 0.14 0.00	39.74 0.16 0.00	43.42 0.93 0.00	47.10 2.49 0.00	45.50 2.83 0.00	72.42 4.73 0.00	70.22 3.95 0.00	87.80 4.36 0.00	198.89 8.77 0.00	180.37 4.91 -0.01	182.53 4.74 0.00	406.21 6.23 -2.34	290.77 3.66 -13.45	211.01 5.49 0.00	274.23 12.48 0.00	84.16 3.42 0.00	55.90 1.90 0.00	52.61 1.13 0.00
GELCKHM____115KV_LOAD 80723	41.27 0.32 0.00	39.71 0.27 0.00	39.36 0.16 0.00	38.62 0.12 0.00	38.99 0.13 0.00	40.68 0.19 0.00	40.18 0.20 0.00	39.68 0.10 0.00	42.68 0.18 0.00	45.07 0.47 0.00	43.25 0.57 0.00	68.58 0.89 0.00	67.17 0.90 0.00	84.65 1.21 0.00	193.90 3.78 0.00	178.51 3.06 0.00	180.72 2.93 0.00	401.59 3.95 0.00	275.60 1.94 0.00	210.10 2.70 -1.89	266.60 3.67 -1.18	81.86 1.12 0.00	54.62 0.62 0.00	51.76 0.28 0.00
GENERAL____MILLS 23808	41.96 1.01 0.00	39.89 0.46 0.00	39.15 -0.05 0.00	38.07 -0.44 0.00	38.55 -0.31 0.00	40.41 -0.08 0.00	40.03 0.05 0.00	39.64 0.06 0.00	43.30 0.80 0.00	46.95 2.34 0.00	45.34 2.67 0.00	72.13 4.44 0.00	69.97 3.70 0.00	87.41 3.97 0.00	198.03 7.91 0.00	179.62 4.17 -0.01	181.66 3.87 0.00	404.36 4.58 -2.15	289.57 2.49 -13.42	210.08 4.57 0.00	273.04 11.30 0.00	83.82 3.09 0.00	55.70 1.70 0.00	52.44 0.97 0.00
GE_PLASTICS____DRP 24183	41.66 0.71 0.00	40.08 0.64 0.00	39.94 0.73 0.00	39.29 0.78 0.00	39.56 0.70 0.00	41.15 0.66 0.00	40.59 0.61 0.00	40.27 0.69 0.00	43.12 0.62 0.00	45.34 0.73 0.00	43.16 0.49 0.00	68.05 0.36 0.00	66.73 0.46 0.00	85.39 0.54 -1.42	191.62 1.50 0.00	180.27 2.62 -2.20	192.65 2.62 -12.24	437.74 6.83 -33.28	443.50 5.58 -164.26	209.55 4.04 0.00	266.70 4.95 0.00	82.21 1.48 0.00	55.48 1.48 0.00	52.89 1.41 0.00
GILBOA____1 23756	42.00 1.06 0.00	40.47 1.03 0.00	40.49 1.29 0.00	39.83 1.32 0.00	40.13 1.26 0.00	41.68 1.19 0.00	40.81 0.83 0.00	40.38 0.80 0.00	43.32 0.83 0.00	45.72 1.11 0.00	43.87 1.20 0.00	69.43 1.74 0.00	67.87 1.61 0.00	85.96 1.61 -0.91	193.77 3.65 0.00	181.08 4.21 -1.41	190.14 4.50 -7.86	426.42 9.22 -19.57	357.95 6.43 -77.86	210.88 5.37 0.00	269.36 7.61 0.00	83.28 2.54 0.00	55.94 1.95 0.00	53.68 2.21 0.00
GILBOA____2 23757	42.00 1.06 0.00	40.47 1.03 0.00	40.49 1.29 0.00	39.83 1.32 0.00	40.13 1.26 0.00	41.68 1.19 0.00	40.81 0.83 0.00	40.38 0.80 0.00	43.32 0.83 0.00	45.72 1.11 0.00	43.87 1.20 0.00	69.43 1.74 0.00	67.87 1.61 0.00	85.96 1.61 -0.91	193.77 3.65 0.00	181.08 4.21 -1.41	190.14 4.50 -7.86	426.42 9.22 -19.57	357.95 6.43 -77.86	210.88 5.37 0.00	269.36 7.61 0.00	83.28 2.54 0.00	55.94 1.95 0.00	53.68 2.21 0.00
GILBOA____3 23758	42.00 1.06 0.00	40.47 1.03 0.00	40.49 1.29 0.00	39.83 1.32 0.00	40.13 1.26 0.00	41.68 1.19 0.00	40.81 0.83 0.00	40.38 0.80 0.00	43.32 0.83 0.00	45.72 1.11 0.00	43.87 1.20 0.00	69.43 1.74 0.00	67.87 1.61 0.00	85.96 1.61 -0.91	193.77 3.65 0.00	181.08 4.21 -1.41	190.14 4.50 -7.86	426.42 9.22 -19.57	357.95 6.43 -77.86	210.88 5.37 0.00	269.36 7.61 0.00	83.28 2.54 0.00	55.94 1.95 0.00	53.68 2.21 0.00
GILBOA____4 23759	42.00 1.06 0.00	40.47 1.03 0.00	40.49 1.29 0.00	39.83 1.32 0.00	40.13 1.26 0.00	41.68 1.19 0.00	40.81 0.83 0.00	40.38 0.80 0.00	43.32 0.83 0.00	45.72 1.11 0.00	43.87 1.20 0.00	69.43 1.74 0.00	67.87 1.61 0.00	85.96 1.61 -0.91	193.77 3.65 0.00	181.08 4.21 -1.41	190.14 4.50 -7.86	426.42 9.22 -19.57	357.95 6.43 -77.86	210.88 5.37 0.00	269.36 7.61 0.00	83.28 2.54 0.00	55.94 1.95 0.00	53.68 2.21 0.00
GILBOA____ 23599	42.01 1.06 0.00	40.47 1.03 0.00	40.49 1.28 0.00	39.83 1.32 0.00	40.13 1.27 0.00	41.68 1.19 0.00	40.81 0.83 0.00	40.38 0.80 0.00	43.32 0.83 0.00	45.72 1.11 0.00	43.87 1.20 0.00	69.43 1.74 0.00	67.87 1.61 0.00	85.96 1.61 -0.91	193.76 3.64 0.00	181.07 4.21 -1.41	190.16 4.51 -7.86	426.43 9.22 -19.57	357.95 6.43 -77.86	210.89 5.38 0.00	269.35 7.60 0.00	83.28 2.54 0.00	55.94 1.95 0.00	53.68 2.21 0.00
GINNA____ 23603	40.13 -0.82 0.00	38.32 -1.12 0.00	37.78 -1.42 0.00	36.89 -1.62 0.00	37.29 -1.58 0.00	39.06 -1.43 0.00	38.70 -1.28 0.00	38.27 -1.31 0.00	41.43 -1.07 0.00	44.34 -0.27 0.00	42.80 0.12 0.00	68.25 0.56 0.00	66.64 0.37 0.00	83.64 0.20 0.00	190.14 0.02 0.00	174.09 -1.36 0.00	176.37 -1.42 0.00	393.32 -4.89 -0.58	279.19 -3.38 -8.90	204.74 -0.77 0.00	262.41 0.66 0.00	80.75 0.01 0.00	53.61 -0.39 0.00	50.47 -1.00 0.00
GLEN PARK____ 23778	42.19 1.24 0.00	40.51 1.07 0.00	39.87 0.67 0.00	39.29 0.77 0.00	40.05 1.19 0.00	42.04 1.56 0.00	41.80 1.81 0.00	41.19 1.60 0.00	44.16 1.66 0.00	46.47 1.86 0.00	44.14 1.47 0.00	69.58 1.89 0.00	68.65 2.38 0.00	86.27 2.83 0.00	194.82 4.70 0.00	178.69 3.24 0.00	181.29 3.50 0.00	409.39 11.76 0.00	283.95 10.29 0.00	236.69 12.98 -18.20	292.06 18.93 -11.38	86.02 5.29 0.00	56.37 2.37 0.00	52.41 0.93 0.00

GLENDALE_27_KV_LOAD 356172	42.72 1.77 0.00	41.11 1.68 0.00	40.89 1.69 0.00	40.39 1.88 0.00	40.57 1.71 0.00	41.90 1.41 0.00	41.72 1.74 0.00	41.66 2.08 0.00	44.86 2.37 0.00	47.69 3.08 0.00	46.00 3.34 0.01	72.83 5.14 0.00	71.42 5.17 0.01	96.86 7.05 -6.37	205.95 15.83 0.00	196.80 15.95 -5.40	250.22 17.43 -55.00	543.20 38.60 -106.97	384.23 25.42 -85.15	220.50 17.44 2.45	279.36 20.78 3.18	83.57 6.40 3.56	58.49 4.50 0.00	51.21 3.42 3.68
GLENWOOD_IC_1_G5 23712	42.97 2.03 0.00	41.38 1.94 0.00	41.19 1.99 0.00	40.67 2.15 0.00	40.79 1.93 0.00	42.06 1.57 0.00	41.81 1.83 0.00	41.75 2.17 0.00	44.71 2.22 0.00	47.21 2.60 0.00	45.77 3.10 0.00	72.42 4.73 0.00	71.14 4.88 0.00	96.48 6.72 -6.33	205.84 15.72 0.00	202.34 16.01 -10.88	292.12 17.25 -97.09	541.80 38.01 -106.16	383.53 24.68 -85.18	222.31 16.80 0.00	280.83 19.08 0.00	86.72 5.95 -0.04	62.81 4.13 -4.68	54.67 3.20 0.00
GLENWOOD_IC_2_G1 23688	42.74 1.79 0.00	41.15 1.71 0.00	40.96 1.75 0.00	40.42 1.91 0.00	40.58 1.72 0.00	41.87 1.38 0.00	41.62 1.64 0.00	41.53 1.95 0.00	44.57 2.08 0.00	47.26 2.65 0.00	45.74 3.07 0.00	72.34 4.64 0.00	71.01 4.75 0.00	96.27 6.50 -6.33	205.18 15.06 0.00	201.64 15.30 -10.89	291.39 16.51 -97.09	540.19 36.40 -106.16	382.68 23.83 -85.18	221.89 16.38 0.00	280.68 18.92 0.00	86.61 5.87 0.00	58.13 4.13 0.00	54.67 3.20 0.00
GLENWOOD_IC_3_G1 23689	42.74 1.79 0.00	41.15 1.71 0.00	40.96 1.75 0.00	40.42 1.91 0.00	40.58 1.72 0.00	41.87 1.38 0.00	41.62 1.64 0.00	41.53 1.95 0.00	44.57 2.08 0.00	47.26 2.65 0.00	45.74 3.07 0.00	72.34 4.64 0.00	71.01 4.75 0.00	96.27 6.50 -6.33	205.18 15.06 0.00	201.64 15.30 -10.89	291.39 16.51 -97.09	540.19 36.40 -106.16	382.68 23.83 -85.18	221.89 16.38 0.00	280.68 18.92 0.00	86.61 5.87 0.00	58.13 4.13 0.00	54.67 3.20 0.00
GLENWOOD___4 23550	42.97 2.03 0.00	41.38 1.94 0.00	41.19 1.99 0.00	40.67 2.15 0.00	40.79 1.93 0.00	42.06 1.57 0.00	41.81 1.83 0.00	41.75 2.17 0.00	44.74 2.24 0.00	47.33 2.72 0.00	45.88 3.21 0.00	72.58 4.89 0.00	71.29 5.03 0.00	96.68 6.92 -6.33	206.40 16.28 0.00	202.80 16.46 -10.88	292.56 17.69 -97.09	542.76 38.97 -106.16	384.16 25.32 -85.18	222.82 17.31 0.00	281.51 19.76 0.00	86.91 6.14 -0.04	62.94 4.26 -4.68	54.79 3.31 0.00
GLENWOOD___5 23614	42.97 2.03 0.00	41.38 1.94 0.00	41.19 1.99 0.00	40.67 2.15 0.00	40.79 1.93 0.00	42.06 1.57 0.00	41.81 1.83 0.00	41.75 2.17 0.00	44.74 2.24 0.00	47.33 2.72 0.00	45.88 3.21 0.00	72.58 4.89 0.00	71.29 5.03 0.00	96.68 6.92 -6.33	206.40 16.28 0.00	202.80 16.46 -10.88	292.56 17.69 -97.09	542.76 38.97 -106.16	384.16 25.32 -85.18	222.82 17.31 0.00	281.51 19.76 0.00	86.91 6.14 -0.04	62.94 4.26 -4.68	54.79 3.31 0.00
GLOBAL GREEN_PORT_GT1 23814	46.21 4.96 -0.30	44.26 4.82 0.00	44.08 4.88 0.00	43.54 5.03 0.00	43.59 4.73 0.00	44.58 4.09 0.00	44.47 4.49 0.00	44.41 4.83 0.00	47.44 4.95 0.00	50.48 5.87 0.00	49.14 6.46 0.00	118.26 10.14 -40.42	381.15 10.31 -304.57	352.51 12.30 -256.78	341.73 26.25 -125.36	314.93 25.31 -114.17	350.75 26.50 -146.46	577.50 58.21 -121.65	398.51 36.90 -87.95	291.91 25.48 -60.91	290.99 28.59 -0.65	111.12 11.64 -18.74	59.58 8.36 2.78	58.31 6.83 0.00
GLOBE___DSASP 323697	40.80 -0.15 0.00	38.71 -0.73 0.00	38.00 -1.20 0.00	36.91 -1.61 0.00	37.37 -1.50 0.00	39.23 -1.26 0.00	38.80 -1.18 0.00	38.29 -1.29 0.00	41.78 -0.72 0.00	45.32 0.71 0.00	43.60 0.93 0.00	69.25 1.56 0.00	66.78 0.51 0.00	83.07 -0.37 0.00	187.47 -2.65 0.00	169.89 -5.54 0.01	172.02 -5.76 0.01	375.98 -17.07 4.58	274.16 -11.64 -12.14	200.65 -4.86 0.00	261.05 -0.69 0.00	80.61 -0.12 0.00	53.83 -0.16 0.00	50.82 -0.66 0.00
GOETHSLN___LBMP 323567	37.71 1.32 4.56	38.28 1.21 2.37	38.29 1.20 2.11	37.68 1.43 2.26	37.96 1.26 2.16	38.47 0.93 2.95	38.33 1.21 2.86	37.69 1.58 3.47	42.77 1.84 1.56	47.02 2.51 0.11	45.51 2.84 0.00	71.01 4.26 0.94	65.51 4.40 5.16	84.06 6.06 5.44	173.07 13.77 30.82	149.30 14.10 40.25	169.84 15.40 23.34	308.10 34.03 123.56	371.38 22.34 -75.38	214.52 15.30 6.29	273.35 17.95 6.36	85.00 5.49 1.23	57.95 3.95 0.00	54.37 2.90 0.00
GOLAH___69_KV_TB 1_2 80279	42.43 1.48 0.00	40.34 0.90 0.00	39.73 0.53 0.00	38.74 0.22 0.00	39.18 0.32 0.00	41.09 0.59 0.00	48.02 0.81 -7.23	40.35 0.77 0.00	43.73 1.24 0.00	47.04 2.43 0.00	45.37 2.70 0.00	72.27 4.58 0.00	70.39 4.12 0.00	88.04 4.60 0.00	199.86 9.74 0.00	182.13 6.68 0.00	184.26 6.48 0.00	410.53 12.28 -0.62	292.15 9.04 -9.45	214.88 9.37 0.00	276.78 15.03 0.00	85.18 4.44 0.00	56.50 2.50 0.00	53.02 1.55 0.00
GOODYEAR_LAKE_HYD 323669	42.74 1.78 0.00	41.13 1.69 0.00	40.87 1.66 0.00	40.15 1.63 0.00	40.53 1.66 0.00	42.23 1.74 0.00	41.74 1.76 0.00	41.31 1.73 0.00	44.45 1.96 0.00	47.01 2.40 0.00	45.15 2.48 0.00	71.67 3.98 0.00	70.16 3.89 0.00	88.37 4.94 0.00	201.20 11.07 0.00	185.38 9.93 0.00	188.20 10.42 0.00	426.86 22.74 -6.48	388.87 15.73 -99.47	218.18 12.67 0.00	278.22 16.47 0.00	85.73 4.99 0.00	57.16 3.16 0.00	54.24 2.77 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.61 0.66 0.00	40.03 0.59 0.00	39.67 0.46 0.00	38.94 0.43 0.00	39.35 0.49 0.00	40.99 0.50 0.00	40.47 0.49 0.00	40.10 0.52 0.00	43.32 0.83 0.00	45.97 1.37 0.00	44.07 1.39 0.00	69.79 2.10 0.00	68.35 2.09 0.00	86.18 2.74 0.00	196.56 6.44 0.00	180.27 4.82 0.00	182.82 5.03 0.00	409.57 10.11 -1.83	307.58 5.80 -28.11	211.16 5.65 0.00	270.10 8.35 0.00	83.03 2.30 0.00	55.52 1.52 0.00	52.72 1.25 0.00
GOUDEY___7 23579	41.65 0.71 0.00	40.07 0.63 0.00	39.71 0.50 0.00	38.98 0.47 0.00	39.38 0.52 0.00	41.03 0.54 0.00	40.52 0.54 0.00	40.15 0.57 0.00	43.36 0.87 0.00	46.03 1.42 0.00	44.12 1.45 0.00	69.87 2.18 0.00	68.47 2.21 0.00	86.32 2.89 0.00	196.88 6.76 0.00	180.62 5.16 0.00	183.06 5.27 0.00	410.18 10.72 -1.83	308.02 6.24 -28.11	211.53 6.02 0.00	270.58 8.83 0.00	83.17 2.43 0.00	55.59 1.59 0.00	52.79 1.32 0.00
GOUDEY___8 23580	41.61 0.66 0.00	40.03 0.59 0.00	39.67 0.46 0.00	38.94 0.43 0.00	39.35 0.49 0.00	40.99 0.50 0.00	40.47 0.49 0.00	40.10 0.52 0.00	43.32 0.83 0.00	45.97 1.37 0.00	44.07 1.39 0.00	69.79 2.10 0.00	68.35 2.09 0.00	86.18 2.74 0.00	196.56 6.44 0.00	180.27 4.82 0.00	182.82 5.03 0.00	409.57 10.11 -1.83	307.58 5.80 -28.11	211.16 5.65 0.00	270.10 8.35 0.00	83.03 2.30 0.00	55.52 1.52 0.00	52.72 1.25 0.00
GOWANUS_GT1_1 24077	42.64 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.28 1.77 0.00	40.45 1.58 0.00	41.75 1.26 0.00	41.65 1.67 0.00	41.60 2.03 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.69 4.97 -3.03	85.38 4.87 -14.24	96.57 6.75 -6.39	204.70 14.58 0.00	195.56 14.72 -5.39	249.39 16.60 -55.00	541.34 36.74 -106.97	382.66 23.85 -85.15	219.34 16.28 2.45	277.90 19.33 3.18	97.68 6.08 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72

GOWANUS_GT1_2 24078	42.64 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.28 1.77 0.00	40.45 1.58 0.00	41.75 1.26 0.00	41.65 1.67 0.00	41.60 2.03 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.69 4.97 -3.03	85.38 4.87 -14.24	96.57 6.75 -6.39	204.70 14.58 0.00	195.56 14.72 -5.39	249.39 16.60 -55.00	541.34 36.74 -106.97	382.66 23.85 -85.15	219.34 16.28 2.45	277.90 19.33 3.18	97.68 6.08 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
GOWANUS_GT1_3 24079	42.64 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.28 1.77 0.00	40.45 1.58 0.00	41.75 1.26 0.00	41.65 1.67 0.00	41.60 2.03 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.69 4.97 -3.03	85.38 4.87 -14.24	96.57 6.75 -6.39	204.70 14.58 0.00	195.56 14.72 -5.39	249.39 16.60 -55.00	541.34 36.74 -106.97	382.66 23.85 -85.15	219.34 16.28 2.45	277.90 19.33 3.18	97.68 6.08 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
GOWANUS_GT1_4 24080	42.64 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.28 1.77 0.00	40.45 1.58 0.00	41.75 1.26 0.00	41.65 1.67 0.00	41.60 2.03 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.69 4.97 -3.03	85.38 4.87 -14.24	96.57 6.75 -6.39	204.70 14.58 0.00	195.56 14.72 -5.39	249.39 16.60 -55.00	541.34 36.74 -106.97	382.66 23.85 -85.15	219.34 16.28 2.45	277.90 19.33 3.18	97.68 6.08 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
GOWANUS_GT1_5 24084	42.64 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.28 1.77 0.00	40.45 1.58 0.00	41.75 1.26 0.00	41.65 1.67 0.00	41.60 2.03 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.69 4.97 -3.03	85.38 4.87 -14.24	96.57 6.75 -6.39	204.70 14.58 0.00	195.56 14.72 -5.39	249.39 16.60 -55.00	541.34 36.74 -106.97	382.66 23.85 -85.15	219.34 16.28 2.45	277.90 19.33 3.18	97.68 6.08 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
GOWANUS_GT1_6 24111	42.64 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.28 1.77 0.00	40.45 1.58 0.00	41.75 1.26 0.00	41.65 1.67 0.00	41.60 2.03 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.69 4.97 -3.03	85.38 4.87 -14.24	96.57 6.75 -6.39	204.70 14.58 0.00	195.56 14.72 -5.39	249.39 16.60 -55.00	541.34 36.74 -106.97	382.66 23.85 -85.15	219.34 16.28 2.45	277.90 19.33 3.18	97.68 6.08 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
GOWANUS_GT1_7 24112	42.64 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.28 1.77 0.00	40.45 1.58 0.00	41.75 1.26 0.00	41.65 1.67 0.00	41.60 2.03 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.69 4.97 -3.03	85.38 4.87 -14.24	96.57 6.75 -6.39	204.70 14.58 0.00	195.56 14.72 -5.39	249.39 16.60 -55.00	541.34 36.74 -106.97	382.66 23.85 -85.15	219.34 16.28 2.45	277.90 19.33 3.18	97.68 6.08 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
GOWANUS_GT1_8 24113	42.64 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.28 1.77 0.00	40.45 1.58 0.00	41.75 1.26 0.00	41.65 1.67 0.00	41.60 2.03 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.69 4.97 -3.03	85.38 4.87 -14.24	96.57 6.75 -6.39	204.70 14.58 0.00	195.56 14.72 -5.39	249.39 16.60 -55.00	541.34 36.74 -106.97	382.66 23.85 -85.15	219.34 16.28 2.45	277.90 19.33 3.18	97.68 6.08 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
GOWAN																								

GOWANUS_GT3_1 24122	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.69 14.57 0.00	195.57 14.72 -5.39	249.40 16.61 -55.00	541.31 36.71 -106.97	382.68 23.87 -85.15	219.34 16.28 2.45	277.90 19.32 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
GOWANUS_GT3_2 24123	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.69 14.57 0.00	195.57 14.72 -5.39	249.40 16.61 -55.00	541.31 36.71 -106.97	382.68 23.87 -85.15	219.34 16.28 2.45	277.90 19.32 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
GOWANUS_GT3_3 24124	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.69 14.57 0.00	195.57 14.72 -5.39	249.40 16.61 -55.00	541.31 36.71 -106.97	382.68 23.87 -85.15	219.34 16.28 2.45	277.90 19.32 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
GOWANUS_GT3_4 24125	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.69 14.57 0.00	195.57 14.72 -5.39	249.40 16.61 -55.00	541.31 36.71 -106.97	382.68 23.87 -85.15	219.34 16.28 2.45	277.90 19.32 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
GOWANUS_GT3_5 24126	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.69 14.57 0.00	195.57 14.72 -5.39	249.40 16.61 -55.00	541.31 36.71 -106.97	382.68 23.87 -85.15	219.34 16.28 2.45	277.90 19.32 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
GOWANUS_GT3_6 24127	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.69 14.57 0.00	195.57 14.72 -5.39	249.40 16.61 -55.00	541.31 36.71 -106.97	382.68 23.87 -85.15	219.34 16.28 2.45	277.90 19.32 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
GOWANUS_GT3_7 24128	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.69 14.57 0.00	195.57 14.72 -5.39	249.40 16.61 -55.00	541.31 36.71 -106.97	382.68 23.87 -85.15	219.34 16.28 2.45	277.90 19.32 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
GOWAN																								

GOWANUS_GT4_8 24137	42.64 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.28 1.77 0.00	40.45 1.58 0.00	41.75 1.26 0.00	41.65 1.67 0.00	41.60 2.03 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.69 4.97 -3.03	85.38 4.87 -14.24	96.57 6.74 -6.39	204.67 14.55 0.00	195.57 14.73 -5.39	249.31 16.53 -55.00	541.24 36.63 -106.97	382.55 23.74 -85.15	219.34 16.28 2.45	277.85 19.28 3.18	97.65 6.05 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
GREENBSH_115KV_TB3 55895	41.55 0.60 0.00	39.96 0.52 0.00	39.82 0.61 0.00	39.17 0.65 0.00	39.44 0.58 0.00	41.03 0.54 0.00	40.49 0.51 0.00	40.19 0.61 0.00	43.01 0.52 0.00	45.24 0.63 0.00	43.18 0.50 0.00	68.17 0.48 0.00	66.87 0.60 0.00	85.64 0.74 -1.46	192.06 1.94 0.00	180.92 3.20 -2.27	193.66 3.27 -12.61	441.84 8.90 -35.31	465.64 6.97 -185.00	210.31 4.80 0.00	267.61 5.86 0.00	82.26 1.53 0.00	55.35 1.35 0.00	52.67 1.20 0.00
GREENIDGE_115KV_TB5 80291	41.93 0.98 0.00	40.18 0.74 0.00	39.71 0.50 0.00	38.88 0.37 0.00	39.27 0.41 0.00	41.03 0.54 0.00	40.64 0.66 0.00	40.26 0.68 0.00	43.59 1.10 0.00	46.51 1.90 0.00	44.66 1.99 0.00	70.91 3.22 0.00	69.34 3.07 0.00	87.31 3.87 0.00	199.40 9.28 0.00	182.12 6.67 0.00	184.88 7.09 0.00	413.46 14.78 -1.05	299.74 9.91 -16.16	214.91 9.40 0.00	275.22 13.47 0.00	84.18 3.45 0.00	56.02 2.03 0.00	52.88 1.41 0.00
GREENIDGE___3 23582	41.93 0.98 0.00	40.18 0.74 0.00	39.71 0.50 0.00	38.88 0.37 0.00	39.27 0.41 0.00	41.03 0.54 0.00	40.64 0.66 0.00	40.26 0.68 0.00	43.59 1.10 0.00	46.51 1.90 0.00	44.66 1.99 0.00	70.91 3.22 0.00	69.34 3.07 0.00	87.31 3.87 0.00	199.40 9.28 0.00	182.12 6.67 0.00	184.88 7.09 0.00	413.46 14.78 -1.05	299.74 9.91 -16.16	214.91 9.40 0.00	275.22 13.47 0.00	84.18 3.45 0.00	56.02 2.03 0.00	52.88 1.41 0.00
GREENIDGE___4 23583	41.92 0.97 0.00	40.18 0.74 0.00	39.70 0.50 0.00	38.89 0.38 0.00	39.27 0.41 0.00	41.05 0.55 0.00	40.63 0.65 0.00	40.26 0.68 0.00	43.59 1.10 0.00	46.51 1.90 0.00	44.66 1.99 0.00	70.91 3.22 0.00	69.33 3.07 0.00	87.31 3.87 0.00	199.41 9.29 0.00	182.10 6.65 0.00	184.89 7.11 0.00	413.46 14.77 -1.05	299.81 9.98 -16.16	214.92 9.40 0.00	275.21 13.46 0.00	84.19 3.46 0.00	56.02 2.03 0.00	52.88 1.41 0.00
GREENLWN_69_KV_BK 3 55738	42.60 1.71 0.06	41.21 1.77 0.00	41.21 2.01 0.00	40.80 2.29 0.00	40.84 1.98 0.00	41.70 1.21 0.00	41.44 1.46 0.00	41.37 1.79 0.00	43.91 1.41 0.00	46.56 1.95 0.00	45.30 2.63 0.00	62.78 4.05 8.96	2.97 4.22 67.52	6.44 5.95 82.94	134.51 14.09 69.70	131.09 14.63 59.00	240.32 15.96 -46.57	522.36 35.21 -89.51	378.24 22.36 -82.22	165.49 14.63 54.65	276.94 15.48 0.30	77.00 5.06 8.80	55.20 3.60 2.40	54.16 2.69 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	42.64 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.28 1.77 0.00	40.45 1.58 0.00	41.75 1.26 0.00	41.65 1.67 0.00	41.60 2.03 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.69 4.97 -3.03	85.38 4.87 -14.24	96.57 6.74 -6.39	204.72 14.60 0.00	195.64 14.79 -5.39	249.40 16.61 -55.00	541.34 36.74 -106.97	382.68 23.87 -85.15	219.36 16.30 2.45	277.93 19.36 3.18	97.68 6.08 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
GRISSOM___SOLAR 323813	45.01 4.06 0.00	43.46 4.02 0.00	43.13 3.93 0.00	42.33 3.82 0.00	42.79 3.93 0.00	44.84 4.35 0.00	44.46 4.48 0.00	43.74 4.16 0.00	45.56 3.07 0.00	47.66 3.05 0.00	45.41 2.73 0.00	71.83 4.14 0.00	70.56 4.29 0.00	90.20 5.63 -1.14	202.14 12.02 0.00	189.12 11.91 -1.76	201.27 13.69 -9.79	470.22 37.92 -34.67	561.34 32.90 -254.78	232.99 27.48 0.00	296.40 34.65 0.00	90.98 10.24 0.00	60.36 6.36 0.00	56.93 5.46 0.00
GROVEVILLE___HYD 323602	42.71 1.76 0.00	41.06 1.62 0.00	40.80 1.60 0.00	40.22 1.71 0.00	40.42 1.56 0.00	41.90 1.41 0.00	41.61 1.63 0.00	41.64 2.06 0.00	44.77 2.27 0.00	47.51 2.90 0.00	45.83 3.16 0.00	72.59 4.89 0.00	71.11 4.84 0.00	89.83 6.40 0.00	205.04 14.92 0.00	190.63 15.18 0.00	194.31 16.52 0.00	440.28 37.01 -5.64	385.19 25.02 -86.51	223.09 17.58 0.00	281.29 19.54 0.00	86.49 5.75 0.00	58.09 4.09 0.00	54.75 3.28 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.55 0.61 0.00	40.01 0.57 0.00	39.63 0.42 0.00	38.91 0.39 0.00	39.30 0.43 0.00	40.99 0.50 0.00	40.49 0.51 0.00	39.99 0.41 0.00	42.99 0.49 0.00	45.34 0.73 0.00	43.47 0.79 0.00	68.84 1.15 0.00	67.44 1.18 0.00	85.05 1.62 0.00	195.75 5.63 0.00	180.22 4.77 0.00	182.31 4.53 0.00	403.60 5.97 0.00	276.94 3.28 0.00	211.11 3.83 -1.76	267.88 5.03 -1.10	82.29 1.55 0.00	54.90 0.89 0.00	51.97 0.50 0.00
HAMLTNNY_34_KV_TB 80303	41.73 0.78 0.00	40.17 0.73 0.00	39.74 0.54 0.00	39.04 0.53 0.00	39.41 0.55 0.00	41.09 0.60 0.00	40.64 0.66 0.00	40.18 0.59 0.00	43.23 0.74 0.00	45.70 1.09 0.00	43.93 1.25 0.00	69.60 1.91 0.00	68.17 1.90 0.00	85.94 2.50 0.00	196.62 6.50 0.00	180.90 5.45 0.00	183.40 5.62 0.00	408.60 10.44 -0.53	288.14 6.34 -8.13	213.46 6.44 -1.51	271.16 8.47 -0.94	83.25 2.52 0.00	55.50 1.50 0.00	52.47 1.00 0.00
HAMPSHIRE___PAPER_HYD 323593	40.08 -0.87 0.00	38.64 -0.80 0.00	38.29 -0.92 0.00	37.64 -0.87 0.00	38.22 -0.64 0.00	40.02 -0.47 0.00	39.69 -0.29 0.00	39.22 -0.36 0.00	42.06 -0.44 0.00	43.87 -0.74 0.00	41.44 -1.24 0.00	65.79 -1.90 0.00	64.40 -1.87 0.00	80.92 -2.52 0.00	183.27 -6.85 0.00	168.43 -7.03 0.00	170.33 -7.46 0.00	384.66 -12.98 0.00	266.42 -7.25 0.00	225.12 -4.22 -23.83	264.35 -3.40 -6.00	80.05 -0.68 0.00	52.78 -1.22 0.00	49.86 -1.62 0.00
HARDSCRABBLE_WT_PWR 323673	41.16 0.21 0.00	39.42 -0.02 0.00	39.34 0.14 0.00	38.78 0.27 0.00	39.11 0.25 0.00	40.74 0.25 0.00	40.17 0.19 0.00	39.98 0.40 0.00	42.74 0.24 0.00	44.92 0.31 0.00	43.02 0.35 0.00	68.17 0.48 0.00	66.89 0.63 0.00	84.41 0.97 0.00	192.52 2.40 0.00	178.93 3.48 0.00	181.44 3.65 0.00	408.67 11.04 0.00	281.97 8.31 0.00	213.79 6.22 -2.06	271.16 8.12 -1.29	83.02 2.29 0.00	55.59 1.59 0.00	52.81 1.34 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.38 1.43 0.00	40.72 1.28 0.00	40.45 1.25 0.00	39.87 1.36 0.00	40.11 1.24 0.00	41.55 1.06 0.00	41.22 1.24 0.00	41.14 1.56 0.00	44.29 1.79 0.00	47.00 2.39 0.00	45.37 2.70 0.00	71.85 4.16 0.00	70.54 4.27 0.00	82.98 5.89 6.34	203.91 13.79 0.00	179.53 13.91 9.84	138.16 15.08 54.71	335.45 33.59 95.77	374.41 22.27 -78.48	221.02 15.51 0.00	280.09 18.34 0.00	86.14 5.41 0.00	57.75 3.75 0.00	54.31 2.84 0.00
HARSNRAD_115KV_TB1 81005	41.24 0.30 0.00	39.13 -0.31 0.00	38.40 -0.80 0.00	37.29 -1.22 0.00	37.76 -1.11 0.00	39.63 -0.86 0.00	39.20 -0.78 0.00	38.78 -0.80 0.00	42.35 -0.15 0.00	45.93 1.33 0.00	44.40 1.72 0.00	70.58 2.89 0.00	68.27 2.01 0.00	85.07 1.64 0.00	192.11 1.99 0.00	174.01 -1.45 0.00	176.11 -1.68 0.00	392.10 -7.75 -2.22	280.52 -5.09 -11.95	204.98 -0.53 0.00	266.34 4.59 0.00	82.14 1.40 0.00	54.63 0.63 0.00	51.40 -0.07 0.00

HARZA MOOSE___RIVER 24016	41.61 0.66 0.00	40.04 0.61 0.00	39.63 0.43 0.00	38.98 0.46 0.00	39.54 0.68 0.00	41.35 0.86 0.00	41.00 1.02 0.00	40.52 0.94 0.00	43.50 1.01 0.00	45.74 1.13 0.00	43.64 0.96 0.00	69.24 1.56 0.00	67.90 1.63 0.00	85.50 2.06 0.00	194.29 4.17 0.00	178.61 3.15 0.00	180.78 3.00 0.00	406.98 9.34 0.00	281.29 7.62 0.00	226.38 7.31 -13.56	280.46 10.23 -8.48	83.58 2.85 0.00	55.23 1.24 0.00	52.03 0.56 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	41.27 0.32 0.00	39.69 0.25 0.00	39.36 0.16 0.00	38.60 0.09 0.00	38.97 0.11 0.00	40.66 0.17 0.00	40.17 0.19 0.00	39.67 0.09 0.00	42.70 0.20 0.00	45.15 0.54 0.00	43.37 0.70 0.00	68.81 1.12 0.00	67.42 1.15 0.00	84.96 1.53 0.00	194.04 3.92 0.00	178.56 3.11 0.00	180.91 3.13 0.00	402.99 5.35 0.00	276.50 2.83 0.00	210.81 3.37 -1.92	267.57 4.62 -1.20	82.09 1.36 0.00	54.78 0.78 0.00	51.91 0.44 0.00
HELLGATE_13_KV_LD 55870	42.45 1.50 0.00	40.86 1.43 0.00	40.65 1.44 0.00	40.15 1.64 0.00	40.33 1.47 0.00	41.64 1.15 0.00	41.46 1.47 0.00	41.37 1.79 0.00	44.53 2.04 0.00	47.29 2.69 0.00	45.63 2.96 0.01	72.25 4.57 0.00	70.83 4.57 0.01	96.10 6.29 -6.37	204.23 14.11 0.00	196.93 14.37 -7.10	248.59 15.80 -55.00	539.53 34.93 -106.97	381.64 22.83 -85.15	219.51 15.65 1.65	277.83 18.45 2.37	83.14 5.71 3.30	58.06 4.07 0.00	51.10 3.05 3.42
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.45 1.50 0.00	40.86 1.43 0.00	40.65 1.44 0.00	40.15 1.64 0.00	40.33 1.47 0.00	41.64 1.15 0.00	41.46 1.47 0.00	41.37 1.79 0.00	44.53 2.04 0.00	47.29 2.69 0.00	45.63 2.96 0.01	72.25 4.57 0.00	70.83 4.57 0.01	96.10 6.29 -6.37	204.23 14.11 0.00	196.93 14.37 -7.10	248.59 15.80 -55.00	539.53 34.93 -106.97	381.64 22.83 -85.15	219.51 15.65 1.65	277.83 18.45 2.37	83.14 5.71 3.30	58.06 4.07 0.00	51.10 3.05 3.42
HEMPSTEAD____ 23647	42.89 1.94 0.00	41.32 1.88 0.00	41.17 1.97 0.00	40.65 2.14 0.00	40.74 1.88 0.00	41.90 1.41 0.00	41.69 1.70 0.00	41.61 2.03 0.00	44.49 1.99 0.00	47.12 2.51 0.00	45.68 3.00 0.00	72.23 4.54 0.00	70.96 4.69 0.00	96.27 6.51 -6.33	205.48 15.36 0.00	202.03 15.68 -10.89	291.83 16.95 -97.09	541.18 37.38 -106.16	382.89 24.05 -85.18	221.75 16.23 0.00	279.85 18.10 0.00	86.61 5.83 -0.04	63.95 4.14 -5.81	54.69 3.21 0.00
HEWLETT__69_KV_BK3 55828	43.32 2.37 0.00	41.77 2.33 0.00	41.58 2.38 0.00	41.00 2.49 0.00	41.22 2.36 0.00	42.41 1.92 0.00	42.21 2.23 0.00	42.08 2.50 0.00	44.97 2.48 0.00	47.74 3.13 0.00	46.32 3.65 0.00	73.21 5.52 0.00	71.93 5.66 0.00	97.17 7.41 -6.33	207.57 17.45 0.00	203.98 17.64 -10.88	293.84 18.97 -97.09	545.57 41.78 -106.16	385.85 27.01 -85.18	223.93 18.42 0.00	282.57 20.82 0.00	87.95 6.73 -0.48	92.93 4.78 -34.15	55.38 3.91 0.00
HICKLING___1 23621	41.95 1.00 0.00	40.26 0.82 0.00	39.78 0.57 0.00	38.99 0.48 0.00	39.44 0.58 0.00	41.14 0.65 0.00	40.66 0.67 0.00	40.31 0.73 0.00	43.79 1.29 0.00	46.86 2.25 0.00	44.90 2.23 0.00	71.24 3.55 0.00	69.69 3.42 0.00	87.82 4.39 0.00	200.37 10.25 0.00	182.45 7.00 0.00	184.74 6.95 0.00	412.80 13.79 -1.37	302.51 7.78 -21.07	213.39 7.88 0.00	274.09 12.34 0.00	83.82 3.09 0.00	56.02 2.02 0.00	53.12 1.65 0.00
HICKLING___2 23622	41.95 1.00 0.00	40.26 0.82 0.00	39.78 0.57 0.00	38.99 0.48 0.00	39.44 0.58 0.00	41.14 0.65 0.00	40.66 0.67 0.00	40.31 0.73 0.00	43.79 1.29 0.00	46.86 2.25 0.00	44.90 2.23 0.00	71.24 3.55 0.00	69.69 3.42 0.00	87.82 4.39 0.00	200.37 10.25 0.00	182.45 7.00 0.00	184.74 6.95 0.00	412.80 13.79 -1.37	302.51 7.78 -21.07	213.39 7.88 0.00	274.09 12.34 0.00	83.82 3.09 0.00	56.02 2.02 0.00	53.12 1.65 0.00
HIGH FALLS___HY 23754	42.45 1.51 0.00	40.80 1.36 0.00	40.54 1.34 0.00	39.96 1.44 0.00	40.18 1.32 0.00	41.61 1.12 0.00	41.34 1.36 0.00	41.84 2.27 0.00	45.02 2.52 0.00	47.71 3.10 0.00	45.76 3.09 0.00	72.60 4.91 0.00	71.36 5.10 0.00	90.59 7.15 0.00	207.06 16.94 0.00	192.49 17.04 0.00	196.77 18.99 0.00	447.03 43.30 -6.10	396.68 29.37 -93.65	226.47 20.96 0.00	279.72 17.97 0.00	86.27 5.54 0.00	58.03 4.04 0.00	54.63 3.16 0.00
HILLBURN___GT 23639	42.06 1.11 0.00	40.45 1.01 0.00	40.18 0.98 0.00	39.64 1.12 0.00	39.86 1.00 0.00	41.27 0.78 0.00	40.94 0.96 0.00	40.88 1.30 0.00	44.00 1.50 0.00	46.72 2.12 0.00	45.13 2.45 0.00	71.42 3.73 0.00	70.08 3.81 0.00	81.29 5.31 7.45	202.42 12.30 0.00	176.37 12.47 11.55	126.98 13.46 64.26	313.95 29.60 113.28	372.99 19.42 -79.90	218.85 13.34 0.00	277.24 15.49 0.00	85.46 4.72 0.00	57.35 3.35 0.00	53.91 2.44 0.00
HILLSIDE_115KV_TB1 80332	41.07 0.12 0.00	39.52 0.08 0.00	39.05 -0.15 0.00	38.33 -0.19 0.00	38.78 -0.08 0.00	40.39 -0.09 0.00	39.91 -0.07 0.00	39.60 0.02 0.00	42.99 0.50 0.00	45.91 1.30 0.00	43.96 1.29 0.00	69.63 1.94 0.00	68.18 1.91 0.00	86.02 2.58 0.00	196.32 6.20 0.00	178.84 3.39 0.00	181.02 3.23 0.00	404.79 5.73 -1.43	297.19 1.65 -21.87	208.55 3.04 0.00	267.88 6.13 0.00	82.01 1.28 0.00	54.88 0.88 0.00	52.15 0.68 0.00
HISHELDN_WT_PWR 323625	41.65 0.70 0.00	39.67 0.24 0.00	39.03 -0.17 0.00	38.03 -0.49 0.00	38.48 -0.38 0.00	40.24 -0.24 0.00	39.77 -0.21 0.00	39.42 -0.16 0.00	43.05 0.56 0.00	46.60 2.00 0.00	44.92 2.25 0.00	71.39 3.70 0.00	69.27 3.00 0.00	86.57 3.13 0.00	196.30 6.18 0.00	178.13 2.68 0.00	180.05 2.27 0.00	399.46 0.42 -1.41	288.24 0.08 -14.50	208.22 2.71 0.00	270.36 8.61 0.00	83.01 2.27 0.00	55.27 1.27 0.00	52.06 0.59 0.00
HOLTSVILLE_IC_1 23690	43.69 2.44 -0.30	41.90 2.46 0.00	41.82 2.62 0.00	41.36 2.85 0.00	41.41 2.54 0.00	42.30 1.81 0.00	42.13 2.15 0.00	42.01 2.43 0.00	44.64 2.14 0.00	47.24 2.63 0.00	46.01 3.34 0.00	112.21 4.92 -39.60	369.66 5.03 -298.37	335.92 6.77 -245.70	321.47 15.53 -115.82	295.20 15.55 -104.20	332.79 16.29 -138.71	552.49 35.76 -119.10	383.77 22.64 -87.47	274.18 15.78 -52.88	279.81 17.46 -0.61	104.33 6.04 -17.55	55.68 4.50 2.82	54.92 3.45 0.00
HOLTSVILLE_IC_10 23699	44.14 2.88 -0.31	42.29 2.85 0.00	42.20 3.00 0.00	41.71 3.20 0.00	41.76 2.90 0.00	42.67 2.18 0.00	42.51 2.53 0.00	42.41 2.83 0.00	45.07 2.58 0.00	47.71 3.09 -0.01	46.52 3.85 0.00	116.09 5.76 -42.65	393.43 5.87 -321.30	381.06 7.90 -289.73	362.18 17.68 -154.38	338.03 17.25 -145.33	367.71 18.07 -171.85	567.28 39.69 -129.95	388.50 25.27 -89.57	309.89 17.90 -86.48	283.13 20.61 -0.77	110.11 6.99 -22.38	56.47 5.13 2.65	55.45 3.98 0.00
HOLTSVILLE_IC_2 23691	43.69 2.44 -0.30	41.90 2.46 0.00	41.82 2.62 0.00	41.36 2.85 0.00	41.41 2.54 0.00	42.30 1.81 0.00	42.13 2.15 0.00	42.01 2.43 0.00	44.64 2.14 0.00	47.24 2.63 0.00	46.01 3.34 0.00	112.21 4.92 -39.60	369.66 5.03 -298.37	335.92 6.77 -245.70	321.47 15.53 -115.82	295.20 15.55 -104.20	332.79 16.29 -138.71	552.49 35.76 -119.10	383.77 22.64 -87.47	274.18 15.78 -52.88	279.81 17.46 -0.61	104.33 6.04 -17.55	55.68 4.50 2.82	54.92 3.45 0.00

HOLTSVILLE_IC_3 23692	43.69 2.44 -0.30	41.90 2.46 0.00	41.82 2.62 0.00	41.36 2.85 0.00	41.41 2.54 0.00	42.30 1.81 0.00	42.13 2.15 0.00	42.01 2.43 0.00	44.64 2.14 0.00	47.24 2.63 0.00	46.01 3.34 0.00	112.21 4.92 -39.60	369.66 5.03 -298.37	335.92 6.77 -245.70	321.47 15.53 -115.82	295.20 15.55 -104.20	332.79 16.29 -138.71	552.49 35.76 -119.10	383.77 22.64 -87.47	274.18 15.78 -52.88	279.81 17.46 -0.61	104.33 6.04 -17.55	55.68 4.50 2.82	54.92 3.45 0.00
HOLTSVILLE_IC_4 23693	43.69 2.44 -0.30	41.90 2.46 0.00	41.82 2.62 0.00	41.36 2.85 0.00	41.41 2.54 0.00	42.30 1.81 0.00	42.13 2.15 0.00	42.01 2.43 0.00	44.64 2.14 0.00	47.24 2.63 0.00	46.01 3.34 0.00	112.21 4.92 -39.60	369.66 5.03 -298.37	335.92 6.77 -245.70	321.47 15.53 -115.82	295.20 15.55 -104.20	332.79 16.29 -138.71	552.49 35.76 -119.10	383.77 22.64 -87.47	274.18 15.78 -52.88	279.81 17.46 -0.61	104.33 6.04 -17.55	55.68 4.50 2.82	54.92 3.45 0.00
HOLTSVILLE_IC_5 23694	43.69 2.44 -0.30	41.90 2.46 0.00	41.82 2.62 0.00	41.36 2.85 0.00	41.41 2.54 0.00	42.30 1.81 0.00	42.13 2.15 0.00	42.01 2.43 0.00	44.64 2.14 0.00	47.24 2.63 0.00	46.01 3.34 0.00	112.21 4.92 -39.60	369.66 5.03 -298.37	335.92 6.77 -245.70	321.47 15.53 -115.82	295.20 15.55 -104.20	332.79 16.29 -138.71	552.49 35.76 -119.10	383.77 22.64 -87.47	274.18 15.78 -52.88	279.81 17.46 -0.61	104.33 6.04 -17.55	55.68 4.50 2.82	54.92 3.45 0.00
HOLTSVILLE_IC_6 23695	44.14 2.88 -0.31	42.29 2.85 0.00	42.20 3.00 0.00	41.71 3.20 0.00	41.76 2.90 0.00	42.67 2.18 0.00	42.51 2.53 0.00	42.41 2.83 0.00	45.07 2.58 0.00	47.71 3.09 -0.01	46.52 3.85 0.00	116.09 5.76 -42.65	393.43 5.87 -321.30	381.06 7.90 -289.73	362.18 17.68 -154.38	338.03 17.25 -145.33	367.71 18.07 -171.85	567.28 39.69 -129.95	388.50 25.27 -89.57	309.89 17.90 -86.48	283.13 20.61 -0.77	110.11 6.99 -22.38	56.47 5.13 2.65	55.45 3.98 0.00
HOLTSVILLE_IC_7 23696	44.14 2.88 -0.31	42.29 2.85 0.00	42.20 3.00 0.00	41.71 3.20 0.00	41.76 2.90 0.00	42.67 2.18 0.00	42.51 2.53 0.00	42.41 2.83 0.00	45.07 2.58 0.00	47.71 3.09 -0.01	46.52 3.85 0.00	116.09 5.76 -42.65	393.43 5.87 -321.30	381.06 7.90 -289.73	362.18 17.68 -154.38	338.03 17.25 -145.33	367.71 18.07 -171.85	567.28 39.69 -129.95	388.50 25.27 -89.57	309.89 17.90 -86.48	283.13 20.61 -0.77	110.11 6.99 -22.38	56.47 5.13 2.65	55.45 3.98 0.00
HOLTSVILLE_IC_8 23697	44.14 2.88 -0.31	42.29 2.85 0.00	42.20 3.00 0.00	41.71 3.20 0.00	41.76 2.90 0.00	42.67 2.18 0.00	42.51 2.53 0.00	42.41 2.83 0.00	45.07 2.58 0.00	47.71 3.09 -0.01	46.52 3.85 0.00	116.09 5.76 -42.65	393.43 5.87 -321.30	381.06 7.90 -289.73	362.18 17.68 -154.38	338.03 17.25 -145.33	367.71 18.07 -171.85	567.28 39.69 -129.95	388.50 25.27 -89.57	309.89 17.90 -86.48	283.13 20.61 -0.77	110.11 6.99 -22.38	56.47 5.13 2.65	55.45 3.98 0.00
HOLTSVILLE_IC_9 23698	44.14 2.88 -0.31	42.29 2.85 0.00	42.20 3.00 0.00	41.71 3.20 0.00	41.76 2.90 0.00	42.67 2.18 0.00	42.51 2.53 0.00	42.41 2.83 0.00	45.07 2.58 0.00	47.71 3.09 -0.01	46.52 3.85 0.00	116.09 5.76 -42.65	393.43 5.87 -321.30	381.06 7.90 -289.73	362.18 17.68 -154.38	338.03 17.25 -145.33	367.71 18.07 -171.85	567.28 39.69 -129.95	388.50 25.27 -89.57	309.89 17.90 -86.48	283.13 20.61 -0.77	110.11 6.99 -22.38	56.47 5.13 2.65	55.45 3.98 0.00
HOMER_HL_115KV_TB2 355744	41.12 0.17 0.00	39.29 -0.15 0.00	38.72 -0.48 0.00	37.87 -0.65 0.00	38.35 -0.51 0.00	40.11 -0.38 0.00	39.80 -0.18 0.00	39.53 -0.04 0.00	43.19 0.70 0.00	46.59 1.98 0.00	44.70 2.02 0.00	70.87 3.18 0.00	68.76 2.49 0.00	86.01 2.58 0.00	195.16 5.04 0.00	176.50 1.04 0.00	178.29 0.51 0.00	395.99 -3.38 -1.73	285.75 -3.25 -15.33	205.36 -0.15 0.00	265.84 4.09 0.00	81.47 0.73 0.00	54.56 0.56 0.00	51.45 -0.02 0.00
HOWARD_WT_PWR 323690	42.26 1.31 0.00	40.35 0.91 0.00	39.80 0.60 0.00	38.89 0.37 0.00	39.34 0.48 0.00	41.12 0.63 0.00	40.44 0.46 0.00	40.01 0.43 0.00	43.63 1.14 0.00	47.18 2.57 0.00	45.33 2.66 0.00	72.06 4.37 0.00	70.18 3.91 0.00	87.84 4.40 0.00	200.06 9.94 0.00	181.85 6.39 0.00	183.70 5.91 0.00	408.02 8.96 -1.43	296.94 5.99 -17.28	212.59 7.07 0.00	273.29 11.54 0.00	83.19 2.45 0.00	55.32 1.32 0.00	52.34 0.87 0.00
HQ_GEN_CEDARS 23644	39.85 -1.09 0.00	38.49 -0.95 0.00	38.32 -0.88 0.00	37.61 -0.91 0.00	38.03 -0.83 0.00	39.72 -0.77 0.00	39.28 -0.70 0.00	38.89 -0.69 0.00	41.69 -0.80 0.00	43.27 -1.34 0.00	40.58 -2.09 0.00	64.56 -3.13 0.00	63.02 -3.24 0.00	79.12 -4.32 0.00	179.51 -10.61 0.00	165.29 -10.16 0.00	166.98 -10.81 0.00	376.31 -21.34 0.00	259.87 -13.79 0.00	182.30 -11.28 11.92	240.62 -13.68 7.46	76.99 -3.74 0.00	51.32 -2.68 0.00	49.22 -2.26 0.00
HQ_GEN_CEDARS_PROXY 323590	37.83 -1.09 2.03	38.49 -0.95 0.00	38.32 -0.88 0.00	37.61 -0.91 0.00	38.03 -0.83 0.00	40.25 -0.77 -0.52	39.28 -0.70 0.00	38.89 -0.69 0.00	41.69 -0.80 0.00	43.27 -1.34 0.00	20.18 -2.09 20.40	64.56 -3.13 0.00	63.02 -3.24 0.00	79.12 -4.32 0.00	179.50 -10.62 0.00	165.30 -10.15 0.00	166.98 -10.81 0.00	376.29 -21.34 0.00	259.85 -13.82 0.00	74.82 -11.28 119.40	119.05 -13.68 129.02	39.01 -3.74 37.98	46.19 -2.68 5.12	49.22 -2.25 0.00
HQ_GEN_IMPORT 323601	40.26 -0.69 0.00	38.83 -0.61 0.00	38.63 -0.57 0.00	37.93 -0.58 0.00	38.31 -0.55 0.00	39.96 -0.53 0.00	39.48 -0.50 0.00	39.09 -0.49 0.00	41.91 -0.58 0.00	43.01 -0.99 0.61	41.47 -1.20 0.00	63.47 -1.76 2.46	64.49 -1.78 0.00	81.18 -2.26 0.00	184.74 -5.38 0.00	170.18 -5.27 0.00	172.22 -5.57 0.00	386.08 -11.56 0.00	266.27 -7.39 0.00	195.87 -6.40 3.24	208.62 -8.23 44.90	78.22 -2.51 0.00	51.81 -1.73 0.45	50.14 -1.33 0.00
HQ_GEN_WHEEL 23651	40.26 -0.69 0.00	38.83 -0.61 0.00	38.63 -0.57 0.00	37.93 -0.58 0.00	38.31 -0.55 0.00	39.96 -0.53 0.00	39.48 -0.50 0.00	39.09 -0.49 0.00	41.91 -0.58 0.00	43.01 -0.99 0.61	41.47 -1.20 0.00	63.47 -1.76 2.46	64.49 -1.78 0.00	81.18 -2.26 0.00	184.74 -5.38 0.00	170.18 -5.27 0.00	172.22 -5.57 0.00	386.08 -11.56 0.00	266.27 -7.39 0.00	195.87 -6.40 3.24	208.62 -8.23 44.90	78.22 -2.51 0.00	51.81 -1.73 0.45	50.14 -1.33 0.00
HUDSON_AVE_GT_3 23810	42.68 1.73 0.00	41.04 1.60 0.00	40.80 1.59 0.00	40.30 1.79 0.00	40.49 1.62 0.00	41.83 1.34 0.00	41.59 1.61 0.00	41.56 1.98 0.00	44.76 2.27 0.00	47.57 2.96 0.00	45.93 3.25 0.00	72.68 4.99 0.00	71.37 5.11 0.00	96.78 6.96 -6.38	206.01 15.89 0.00	201.35 16.00 -9.89	250.13 17.33 -55.02	543.04 38.42 -107.00	384.04 25.22 -85.15	222.92 17.41 0.00	282.45 20.70 0.00	87.04 6.30 0.00	58.44 4.44 0.00	54.86 3.38 0.00
HUDSON_AVE_GT_4 23540	42.68 1.73 0.00	41.04 1.60 0.00	40.80 1.59 0.00	40.30 1.79 0.00	40.49 1.62 0.00	41.83 1.34 0.00	41.59 1.61 0.00	41.56 1.98 0.00	44.76 2.27 0.00	47.57 2.96 0.00	45.93 3.25 0.00	72.68 4.99 0.00	71.37 5.11 0.00	96.78 6.96 -6.38	206.01 15.89 0.00	201.35 16.00 -9.89	250.13 17.33 -55.02	543.04 38.42 -107.00	384.04 25.22 -85.15	222.92 17.41 0.00	282.45 20.70 0.00	87.04 6.30 0.00	58.44 4.44 0.00	54.86 3.38 0.00

HUDSON AVE_GT_5 23657	42.68 1.73 0.00	41.04 1.60 0.00	40.80 1.59 0.00	40.30 1.79 0.00	40.49 1.62 0.00	41.83 1.34 0.00	41.59 1.61 0.00	41.56 1.98 0.00	44.76 2.27 0.00	47.57 2.96 0.00	45.93 3.25 0.00	72.68 4.99 0.00	71.37 5.11 0.00	96.78 6.96 -6.38	206.01 15.89 0.00	201.35 16.00 -9.89	250.13 17.33 -55.02	543.04 38.42 -107.00	384.04 25.22 -85.15	222.92 17.41 0.00	282.45 20.70 0.00	87.04 6.30 0.00	58.44 4.44 0.00	54.86 3.38 0.00
HUDSON_AVE_10 24168	42.59 1.64 0.00	40.94 1.50 0.00	40.68 1.47 0.00	40.18 1.66 0.00	40.37 1.51 0.00	41.71 1.22 0.00	41.47 1.49 0.00	41.43 1.85 0.00	44.63 2.14 0.00	47.41 2.80 0.00	45.75 3.08 0.00	72.40 4.71 0.00	71.14 4.88 0.00	96.47 6.65 -6.38	205.25 15.13 0.00	200.68 15.33 -9.89	249.50 16.69 -55.02	541.78 37.15 -107.00	383.18 24.36 -85.15	222.25 16.74 0.00	281.65 19.90 0.00	86.79 6.06 0.00	58.29 4.30 0.00	54.70 3.23 0.00
HUDSON___115KV_TB 4 355613	42.51 1.56 0.00	40.84 1.41 0.00	40.64 1.44 0.00	39.96 1.45 0.00	40.24 1.38 0.00	41.92 1.43 0.00	41.43 1.45 0.00	41.11 1.53 0.00	43.97 1.47 0.00	46.11 1.50 0.00	43.83 1.15 0.00	69.15 1.45 0.00	67.87 1.60 0.00	86.71 2.02 -1.25	195.60 5.48 0.00	184.05 6.66 -1.94	195.75 7.16 -10.80	447.01 18.78 -30.59	452.09 14.60 -163.83	216.79 11.28 0.00	275.64 13.89 0.00	84.50 3.76 0.00	56.73 2.73 0.00	53.94 2.47 0.00
HUNTER MOUNT___DRP 323613	42.96 2.02 0.00	41.24 1.81 0.00	41.03 1.83 0.00	40.31 1.80 0.00	40.59 1.73 0.00	42.36 1.87 0.00	41.85 1.87 0.00	41.47 1.89 0.00	44.35 1.86 0.00	46.43 1.83 0.00	44.00 1.33 0.00	69.45 1.76 0.00	68.14 1.87 0.00	86.79 2.33 -1.03	196.55 6.43 0.00	184.75 7.70 -1.59	194.90 8.25 -8.86	445.23 21.57 -26.03	439.10 16.84 -148.60	218.89 13.37 0.00	278.55 16.80 0.00	85.26 4.52 0.00	57.19 3.19 0.00	54.44 2.96 0.00
HUNTINGTON_RES_REC 323705	43.86 2.29 -0.62	41.75 2.31 0.00	41.70 2.50 0.00	41.27 2.75 0.00	41.28 2.42 0.00	42.13 1.64 0.00	41.94 1.95 0.00	41.86 2.28 0.00	44.45 1.95 0.00	47.07 2.46 0.00	45.91 3.23 0.00	175.35 4.91 -102.75	843.36 5.12 -771.98	934.86 7.07 -844.35	773.94 16.56 -567.25	754.16 16.72 -561.99	674.03 17.96 -478.28	667.72 39.62 -230.47	407.06 25.35 -108.05	634.77 17.17 -412.09	283.01 18.69 -2.57	161.62 6.10 -74.79	55.71 4.37 2.65	54.81 3.34 0.00
HUNTLEY___63 23557	41.97 1.02 0.00	39.83 0.39 0.00	39.07 -0.13 0.00	37.96 -0.56 0.00	38.43 -0.44 0.00	40.35 -0.14 0.00	39.93 -0.05 0.00	39.49 -0.09 0.00	43.15 0.66 0.00	46.86 2.25 0.00	45.26 2.59 0.00	71.98 4.29 0.00	69.57 3.30 0.00	86.78 3.34 0.00	196.34 6.22 0.00	177.97 2.50 -0.02	180.09 2.30 -0.01	406.03 0.94 -7.45	286.58 0.42 -12.49	208.83 3.32 0.00	271.34 9.59 0.00	83.49 2.76 0.00	55.54 1.54 0.00	52.33 0.85 0.00
HUNTLEY___64 23558	41.97 1.02 0.00	39.83 0.39 0.00	39.07 -0.13 0.00	37.96 -0.56 0.00	38.43 -0.44 0.00	40.35 -0.14 0.00	39.93 -0.05 0.00	39.49 -0.09 0.00	43.15 0.66 0.00	46.86 2.25 0.00	45.26 2.59 0.00	71.98 4.29 0.00	69.57 3.30 0.00	86.78 3.34 0.00	196.34 6.22 0.00	177.97 2.50 -0.02	180.09 2.30 -0.01	406.03 0.94 -7.45	286.58 0.42 -12.49	208.83 3.32 0.00	271.34 9.59 0.00	83.49 2.76 0.00	55.54 1.54 0.00	52.33 0.85 0.00
HUNTLEY___65 23559	41.97 1.02 0.00	39.83 0.39 0.00	39.07 -0.13 0.00	37.96 -0.56 0.00	38.43 -0.44 0.00	40.35 -0.14 0.00	39.93 -0.05 0.00	39.49 -0.09 0.00	43.15 0.66 0.00	46.86 2.25 0.00	45.26 2.59 0.00	71.98 4.29 0.00	69.57 3.30 0.00	86.78 3.34 0.00	196.34 6.22 0.00	177.97 2.50 -0.02	180.09 2.30 -0.01	406.03 0.94 -7.45	286.58 0.42 -12.49	208.83 3.32 0.00	271.34 9.59 0.00	83.49 2.76 0.00	55.54 1.54 0.00	52.33 0.85 0.00
HUNTLEY___66 23560	41.97 1.02 0.00	39.83 0.39 0.00	39.07 -0.13 0.00	37.96 -0.56 0.00	38.43 -0.44 0.00	40.35 -0.14 0.00	39.93 -0.05 0.00	39.49 -0.09 0.00	43.15 0.66 0.00	46.86 2.25 0.00	45.26 2.59 0.00	71.98 4.29 0.00	69.57 3.30 0.00	86.78 3.34 0.00	196.34 6.22 0.00	177.97 2.50 -0.02	180.09 2.30 -0.01	406.03 0.94 -7.45	286.58 0.42 -12.49	208.83 3.32 0.00	271.34 9.59 0.00	83.49 2.76 0.00	55.54 1.54 0.00	52.33 0.85 0.00
HUNTLEY___67 23561	41.48 0.53 0.00	39.40 -0.04 0.00	38.66 -0.54 0.00	37.59 -0.92 0.00	38.05 -0.81 0.00	39.92 -0.57 0.00	39.52 -0.46 0.00	39.10 -0.48 0.00	42.68 0.18 0.00	46.28 1.67 0.00	44.67 1.99 0.00	71.04 3.35 0.00	68.78 2.52 0.00	85.81 2.37 0.00	194.12 4.00 0.00	175.99 0.54 0.00	178.07 0.28 0.00	394.98 -3.48 -0.83	283.91 -2.51 -12.76	206.72 1.21 0.00	268.65 6.90 0.00	82.69 1.96 0.00	54.98 0.99 0.00	51.78 0.30 0.00
HUNTLEY___68 23562	41.48 0.53 0.00	39.40 -0.04 0.00	38.66 -0.54 0.00	37.59 -0.92 0.00	38.05 -0.81 0.00	39.92 -0.57 0.00	39.52 -0.46 0.00	39.10 -0.48 0.00	42.68 0.18 0.00	46.28 1.67 0.00	44.67 1.99 0.00	71.04 3.35 0.00	68.78 2.52 0.00	85.81 2.37 0.00	194.12 4.00 0.00	175.99 0.54 0.00	178.07 0.28 0.00	394.98 -3.48 -0.83	283.91 -2.51 -12.76	206.72 1.21 0.00	268.65 6.90 0.00	82.69 1.96 0.00	54.98 0.99 0.00	51.78 0.30 0.00
HYLAND___LFGE 323620	43.16 2.21 0.00	41.06 1.62 0.00	40.44 1.24 0.00	39.44 0.93 0.00	39.87 1.00 0.00	41.73 1.24 0.00	41.43 1.45 0.00	41.08 1.51 0.00	44.09 1.60 0.00	46.50 1.89 0.00	44.61 1.93 0.00	71.11 3.42 0.00	68.12 1.86 0.00	80.84 -2.60 0.00	181.37 -8.75 0.00	166.58 -8.87 0.00	168.01 -9.78 0.00	373.99 -24.55 -0.91	275.25 -12.33 -13.92	203.39 -2.12 0.00	263.13 1.38 0.00	86.94 6.21 0.00	57.74 3.75 0.00	54.35 2.88 0.00
INDECK___CORINTH 23802	43.35 2.40 0.00	41.58 2.14 0.00	41.23 2.03 0.00	40.53 2.02 0.00	40.85 1.98 0.00	42.61 2.12 0.00	42.24 2.26 0.00	41.95 2.37 0.00	44.85 2.35 0.00	47.10 2.49 0.00	45.17 2.50 0.00	71.68 3.99 0.00	70.56 4.29 0.00	90.32 5.48 -1.41	201.64 11.52 0.00	189.89 12.26 -2.18	201.53 11.63 -12.11	467.11 29.28 -40.19	568.56 20.83 -274.07	220.49 14.98 0.00	279.71 17.96 0.00	86.17 5.43 0.00	57.82 3.82 0.00	54.90 3.43 0.00
INDECK___ILION 23567	41.25 0.30 0.00	39.63 0.20 0.00	39.44 0.24 0.00	38.82 0.30 0.00	39.12 0.26 0.00	40.73 0.25 0.00	40.22 0.24 0.00	39.94 0.36 0.00	42.77 0.28 0.00	44.96 0.35 0.00	43.05 0.38 0.00	68.27 0.58 0.00	66.90 0.63 0.00	84.35 0.91 0.00	192.29 2.17 0.00	178.20 2.74 0.00	180.72 2.94 0.00	405.74 8.11 0.00	279.69 6.03 0.00	212.33 4.75 -2.06	269.14 6.10 -1.29	82.41 1.68 0.00	55.13 1.14 0.00	52.42 0.94 0.00
INDECK___OLEAN 23982	41.11 0.16 0.00	39.28 -0.16 0.00	38.73 -0.48 0.00	37.87 -0.65 0.00	38.35 -0.51 0.00	40.11 -0.38 0.00	39.78 -0.20 0.00	39.54 -0.04 0.00	43.19 0.70 0.00	46.59 1.98 0.00	44.71 2.03 0.00	70.86 3.17 0.00	68.75 2.49 0.00	86.02 2.58 0.00	195.15 5.03 0.00	176.46 1.01 0.00	178.29 0.51 0.00	395.91 -3.45 -1.73	285.85 -3.15 -15.33	205.36 -0.15 0.00	265.82 4.07 0.00	81.48 0.74 0.00	54.55 0.56 0.00	51.46 -0.01 0.00

INDECK___OSWEGO 23783	40.85 -0.10 0.00	39.37 -0.07 0.00	39.02 -0.18 0.00	38.30 -0.21 0.00	38.69 -0.17 0.00	40.38 -0.11 0.00	39.86 -0.12 0.00	39.33 -0.25 0.00	42.24 -0.25 0.00	44.55 -0.06 0.00	42.75 0.08 0.00	67.71 0.03 0.00	66.33 0.07 0.00	83.55 0.11 0.00	190.64 0.52 0.00	175.49 0.04 0.00	177.91 0.12 0.00	395.94 -1.69 0.00	271.38 -2.28 0.00	208.83 0.17 -3.15	264.02 0.29 -1.97	81.00 0.27 0.00	54.06 0.06 0.00	51.20 -0.27 0.00
INDECK___YERKES 23781	42.01 1.06 0.00	39.88 0.44 0.00	39.13 -0.07 0.00	38.02 -0.50 0.00	38.48 -0.39 0.00	40.41 -0.08 0.00	39.96 -0.02 0.00	39.54 -0.04 0.00	43.22 0.73 0.00	46.93 2.32 0.00	45.33 2.65 0.00	72.10 4.42 0.00	69.66 3.40 0.00	86.92 3.48 0.00	196.59 6.47 0.00	178.19 2.73 -0.02	180.32 2.52 -0.01	406.57 1.49 -7.45	287.24 1.08 -12.49	209.07 3.56 0.00	271.75 10.00 0.00	83.63 2.89 0.00	55.61 1.62 0.00	52.40 0.93 0.00
INDIAN POINT_GT_1 24139	42.30 1.35 0.00	40.67 1.23 0.00	40.43 1.24 0.00	39.89 1.38 0.00	40.11 1.24 0.00	41.50 1.01 0.00	41.20 1.23 0.00	41.13 1.55 0.00	44.24 1.75 0.00	46.93 2.32 0.00	45.29 2.62 0.00	71.66 3.97 0.00	70.31 4.05 0.00	96.40 5.54 -7.42	202.93 12.81 0.00	200.06 13.10 -11.51	255.98 14.18 -64.02	552.64 31.50 -123.51	378.59 20.91 -84.02	219.99 14.48 0.00	278.62 16.87 0.00	85.86 5.13 0.00	57.63 3.63 0.00	54.22 2.75 0.00
INDIAN POINT_GT_2 23659	42.30 1.35 0.00	40.67 1.23 0.00	40.43 1.24 0.00	39.89 1.38 0.00	40.11 1.24 0.00	41.50 1.01 0.00	41.20 1.23 0.00	41.13 1.55 0.00	44.24 1.75 0.00	46.93 2.32 0.00	45.29 2.62 0.00	71.66 3.97 0.00	70.31 4.05 0.00	96.40 5.54 -7.42	202.93 12.81 0.00	200.06 13.10 -11.51	255.98 14.18 -64.02	552.64 31.50 -123.51	378.59 20.91 -84.02	219.99 14.48 0.00	278.62 16.87 0.00	85.86 5.13 0.00	57.63 3.63 0.00	54.22 2.75 0.00
INDIAN POINT_GT_3 24019	42.30 1.35 0.00	40.67 1.23 0.00	40.43 1.24 0.00	39.89 1.38 0.00	40.11 1.24 0.00	41.50 1.01 0.00	41.20 1.23 0.00	41.13 1.55 0.00	44.24 1.75 0.00	46.93 2.32 0.00	45.29 2.62 0.00	71.66 3.97 0.00	70.31 4.05 0.00	96.40 5.54 -7.42	202.93 12.81 0.00	200.06 13.10 -11.51	255.98 14.18 -64.02	552.64 31.50 -123.51	378.59 20.91 -84.02	219.99 14.48 0.00	278.62 16.87 0.00	85.86 5.13 0.00	57.63 3.63 0.00	54.22 2.75 0.00
INDIAN POINT___2 23530	42.21 1.27 0.00	40.60 1.16 0.00	40.36 1.16 0.00	39.81 1.30 0.00	40.03 1.17 0.00	41.42 0.93 0.00	41.13 1.15 0.00	41.04 1.46 0.00	44.15 1.65 0.00	46.84 2.23 0.00	45.22 2.54 0.00	71.53 3.84 0.00	70.20 3.93 0.00	98.71 5.39 -9.88	202.56 12.44 0.00	203.48 12.71 -15.32	276.78 13.80 -85.20	590.62 30.51 -162.48	376.39 20.21 -82.52	219.48 13.97 0.00	278.02 16.27 0.00	85.69 4.96 0.00	57.52 3.52 0.00	54.12 2.64 0.00
INDIAN POINT___3 23531	42.22 1.27 0.00	40.61 1.17 0.00	40.37 1.17 0.00	39.82 1.31 0.00	40.04 1.18 0.00	41.44 0.95 0.00	41.13 1.15 0.00	41.05 1.47 0.00	44.15 1.66 0.00	46.82 2.21 0.00	45.19 2.52 0.00	71.49 3.80 0.00	70.16 3.89 0.00	96.37 5.33 -7.60	202.41 12.29 0.00	199.83 12.59 -11.79	257.01 13.64 -65.58	554.28 30.24 -126.40	377.84 20.11 -84.08	219.41 13.90 0.00	277.94 16.19 0.00	85.64 4.91 0.00	57.51 3.51 0.00	54.12 2.65 0.00
INGHAM_C_115KV_TB7 356103	41.18 0.23 0.00	39.44 0.00 0.00	39.35 0.15 0.00	38.78 0.27 0.00	39.05 0.19 0.00	40.62 0.13 0.00	40.06 0.08 0.00	39.94 0.36 0.00	42.62 0.12 0.00	44.77 0.16 0.00	42.86 0.18 0.00	67.93 0.24 0.00	66.65 0.38 0.00	84.16 0.72 0.00	192.18 2.06 0.00	178.92 3.47 0.00	181.48 3.70 0.00	409.34 11.71 0.00	282.66 9.00 0.00	214.48 6.91 -2.06	272.27 9.23 -1.29	83.18 2.45 0.00	55.71 1.71 0.00	52.91 1.44 0.00
IP CORINTH___1 23988	43.59 2.64 0.00	41.81 2.37 0.00	41.45 2.25 0.00	40.76 2.24 0.00	41.07 2.21 0.00	42.85 2.36 0.00	42.46 2.48 0.00	42.17 2.59 0.00	45.10 2.60 0.00	47.37 2.76 0.00	45.43 2.75 0.00	72.09 4.40 0.00	70.95 4.69 0.00	90.82 5.99 -1.41	202.72 12.60 0.00	190.88 13.25 -2.18	202.57 12.67 -12.11	469.27 31.44 -40.19	570.18 22.45 -274.07	221.68 16.16 0.00	281.24 19.49 0.00	86.64 5.91 0.00	58.14 4.14 0.00	55.19 3.71 0.00
IP___TICONDEROGA 23804	46.61 5.66 0.00	44.63 5.19 0.00	43.91 4.70 0.00	43.11 4.60 0.00	43.50 4.64 0.00	45.61 5.12 0.00	45.43 5.45 0.00	45.15 5.57 0.00	47.92 5.43 0.00	49.97 5.36 0.00	48.00 5.32 0.00	76.61 8.92 0.00	75.44 9.17 0.00	96.68 11.83 -1.41	216.48 26.36 0.00	203.20 25.56 -2.19	216.85 26.90 -12.16	502.78 64.98 -40.16	590.30 44.48 -272.16	238.00 32.49 0.00	300.11 38.36 0.00	91.92 11.19 0.00	61.63 7.63 0.00	58.80 7.32 0.00
ISLIP_RES_REC 323679	44.43 3.18 -0.30	42.57 3.14 0.00	42.46 3.26 0.00	41.97 3.45 0.00	42.01 3.15 0.00	42.95 2.46 0.00	42.81 2.83 0.00	42.70 3.12 0.00	45.44 2.95 0.00	48.12 3.50 -0.01	46.96 4.29 0.00	113.02 6.50 -38.83	365.46 6.65 -292.55	355.83 8.92 -263.48	349.73 20.12 -139.48	327.08 19.56 -132.07	362.31 20.43 -164.10	570.02 44.91 -127.47	391.52 28.75 -89.11	303.55 20.38 -77.66	285.88 23.43 -0.70	108.77 7.78 -20.25	57.08 5.62 2.54	55.87 4.40 0.00
JAMAICA___27_KV_LOAD 355505	43.06 2.11 0.00	41.37 1.93 0.00	41.03 1.83 0.00	40.50 1.98 0.00	40.69 1.83 0.00	42.07 1.59 0.00	41.84 1.86 0.00	41.77 2.19 0.00	45.00 2.51 0.00	47.80 3.19 0.00	46.12 3.44 0.00	73.04 5.35 0.00	71.76 5.50 0.00	97.33 7.52 -6.38	207.26 17.14 0.00	202.55 17.20 -9.89	251.52 18.71 -55.02	546.44 41.81 -107.00	386.42 27.61 -85.15	224.73 19.22 0.00	285.06 23.31 0.00	87.82 7.08 0.00	59.03 5.03 0.00	55.32 3.84 0.00
JANIS___SOLAR 323808	43.42 2.48 0.00	41.70 2.26 0.00	41.27 2.07 0.00	40.49 1.97 0.00	40.93 2.07 0.00	42.78 2.29 0.00	42.35 2.37 0.00	41.92 2.34 0.00	45.04 2.55 0.00	47.42 2.82 0.00	45.14 2.47 0.00	71.47 3.78 0.00	70.30 4.03 0.00	88.37 4.93 0.00	203.42 13.30 0.00	185.82 10.37 0.00	189.70 11.92 0.00	428.46 29.07 -1.76	322.84 22.14 -27.04	224.57 19.06 0.00	286.73 24.98 0.00	87.83 7.10 0.00	58.30 4.30 0.00	54.93 3.46 0.00
JARVIS____ 23743	41.15 0.21 0.00	39.64 0.20 0.00	39.39 0.19 0.00	38.71 0.19 0.00	39.06 0.20 0.00	40.70 0.21 0.00	40.18 0.20 0.00	39.78 0.20 0.00	42.69 0.19 0.00	44.88 0.27 0.00	43.01 0.33 0.00	68.17 0.48 0.00	66.76 0.50 0.00	84.05 0.62 0.00	191.48 1.36 0.00	176.85 1.40 0.00	179.28 1.49 0.00	401.15 3.51 0.00	276.14 2.48 0.00	209.59 2.02 -2.06	265.60 2.56 -1.29	81.50 0.77 0.00	54.52 0.52 0.00	51.88 0.41 0.00
JENNISON___1 23625	43.38 2.43 0.00	41.67 2.23 0.00	41.30 2.10 0.00	40.55 2.04 0.00	40.97 2.11 0.00	42.77 2.28 0.00	42.33 2.35 0.00	41.92 2.34 0.00	45.16 2.66 0.00	47.84 3.23 0.00	45.74 3.06 0.00	72.48 4.79 0.00	71.15 4.89 0.00	89.72 6.28 0.00	205.13 15.01 0.00	188.35 12.90 0.00	191.78 14.00 0.00	432.58 32.36 -2.59	336.16 22.74 -39.76	223.98 18.46 0.00	285.74 23.99 0.00	87.55 6.81 0.00	58.24 4.24 0.00	55.03 3.55 0.00

JENNISON____2 23626	43.38 2.43 0.00	41.67 2.23 0.00	41.30 2.10 0.00	40.55 2.04 0.00	40.97 2.11 0.00	42.77 2.28 0.00	42.33 2.35 0.00	41.92 2.34 0.00	45.16 2.66 0.00	47.84 3.23 0.00	45.74 3.06 0.00	72.48 4.79 0.00	71.15 4.89 0.00	89.72 6.28 0.00	205.13 15.01 0.00	188.35 12.90 0.00	191.78 14.00 0.00	432.58 32.36 -2.59	336.16 22.74 -39.76	223.98 18.46 0.00	285.74 23.99 0.00	87.55 6.81 0.00	58.24 4.24 0.00	55.03 3.55 0.00
JERICHO_RISE_WT_PWR 323719	39.86 -1.09 0.00	38.51 -0.93 0.00	38.54 -0.66 0.00	37.82 -0.70 0.00	38.21 -0.65 0.00	39.86 -0.64 0.00	39.48 -0.50 0.00	39.07 -0.51 0.00	41.89 -0.60 0.00	43.54 -1.07 0.00	41.29 -1.38 0.00	65.67 -2.02 0.00	64.23 -2.04 0.00	80.84 -2.60 0.00	183.78 -6.34 0.00	169.11 -6.34 0.00	171.27 -6.52 0.00	385.05 -12.59 0.00	266.86 -6.80 0.00	190.46 -6.44 8.62	247.17 -9.20 5.39	77.56 -3.17 0.00	51.78 -2.22 0.00	49.50 -1.98 0.00
KATONAH__115KV_46KV_TB4 355592	42.68 1.73 0.00	41.05 1.61 0.00	40.80 1.60 0.00	40.24 1.73 0.00	40.45 1.59 0.00	41.88 1.39 0.00	41.60 1.62 0.00	41.54 1.96 0.00	44.68 2.19 0.00	47.43 2.82 0.00	45.77 3.09 0.00	72.45 4.76 0.00	71.16 4.90 0.00	94.13 6.66 -4.04	205.50 15.38 0.00	197.36 15.64 -6.26	229.41 16.79 -34.83	504.88 37.37 -69.88	385.18 24.80 -86.73	222.86 17.35 0.00	282.05 20.30 0.00	86.76 6.03 0.00	58.20 4.20 0.00	54.75 3.28 0.00
KCE_NY_1 323755	43.44 2.49 0.00	41.73 2.29 0.00	41.39 2.18 0.00	40.71 2.19 0.00	41.02 2.16 0.00	42.75 2.26 0.00	42.31 2.33 0.00	42.00 2.42 0.00	45.00 2.51 0.00	47.29 2.68 0.00	45.28 2.60 0.00	71.80 4.11 0.00	70.55 4.29 0.00	90.30 5.45 -1.42	202.39 12.27 0.00	190.43 12.78 -2.20	202.71 12.71 -12.22	468.71 30.95 -40.13	565.90 22.12 -270.12	221.70 16.19 0.00	281.86 20.11 0.00	86.60 5.86 0.00	57.97 3.98 0.00	55.05 3.58 0.00
KCE_NY_6_ESR 323823	41.97 1.02 0.00	39.92 0.48 0.00	39.16 -0.04 0.00	38.10 -0.41 0.00	38.58 -0.28 0.00	40.44 -0.04 0.00	40.06 0.08 0.00	39.69 0.11 0.00	43.34 0.85 0.00	46.98 2.37 0.00	45.39 2.71 0.00	72.17 4.48 0.00	70.03 3.76 0.00	87.49 4.06 0.00	198.22 8.10 0.00	179.67 4.21 0.00	181.83 4.04 0.00	404.60 4.82 -2.14	289.70 2.62 -13.42	210.22 4.71 0.00	273.34 11.59 0.00	83.88 3.15 0.00	55.75 1.75 0.00	52.48 1.01 0.00
KEDC_PORT_JEFF_GT2 24210	43.93 2.65 -0.34	42.09 2.65 0.00	41.99 2.79 0.00	41.52 3.00 0.00	41.55 2.69 0.00	42.45 1.97 0.00	42.28 2.30 0.00	42.14 2.57 0.00	44.74 2.25 0.00	47.10 2.49 0.00	46.16 3.49 0.00	120.48 5.03 -47.76	431.20 5.06 -359.87	420.95 6.81 -330.71	388.16 15.43 -182.61	336.23 15.07 -145.70	327.71 15.95 -133.98	550.37 34.61 -118.13	381.39 22.00 -85.73	290.66 15.16 -69.99	279.03 16.38 -0.90	112.41 5.68 -25.99	55.65 4.37 2.72	55.00 3.53 0.00
KEDC_PORT_JEFF_GT3 24211	43.93 2.65 -0.34	42.09 2.65 0.00	41.99 2.79 0.00	41.52 3.00 0.00	41.55 2.69 0.00	42.45 1.97 0.00	42.28 2.30 0.00	42.14 2.57 0.00	44.74 2.25 0.00	47.10 2.49 0.00	46.16 3.49 0.00	120.48 5.03 -47.76	431.20 5.06 -359.87	420.95 6.81 -330.71	388.16 15.43 -182.61	359.71 15.07 -169.18	376.87 15.95 -183.14	565.99 34.61 -133.75	385.66 22.00 -90.00	322.98 15.16 -102.31	279.03 16.38 -0.90	112.41 5.68 -25.99	55.65 4.37 2.72	55.00 3.53 0.00
KEDC_GLWD_GT4 24219	42.98 2.03 0.00	41.38 1.94 0.00	41.18 1.98 0.00	40.66 2.14 0.00	40.79 1.93 0.00	42.05 1.56 0.00	41.81 1.83 0.00	41.74 2.16 0.00	44.71 2.22 0.00	47.21 2.60 0.00	45.77 3.10 0.00	72.42 4.73 0.00	71.15 4.88 0.00	96.48 6.72 -6.33	205.86 15.74 0.00	202.35 16.01 -10.89	292.14 17.26 -97.09	541.79 37.99 -106.16	383.50 24.66 -85.18	222.32 16.81 0.00	280.86 19.11 0.00	86.71 5.94 -0.04	62.81 4.13 -4.68	54.67 3.20 0.00
KEDC_GLWD_GT5 24220	42.98 2.03 0.00	41.38 1.94 0.00	41.18 1.98 0.00	40.66 2.14 0.00	40.79 1.93 0.00	42.05 1.56 0.00	41.81 1.83 0.00	41.74 2.16 0.00	44.71 2.22 0.00	47.21 2.60 0.00	45.77 3.10 0.00	72.42 4.73 0.00	71.15 4.88 0.00	96.48 6.72 -6.33	205.86 15.74 0.00	202.35 16.01 -10.89	292.14 17.26 -97.09	541.79 37.99 -106.16	383.50 24.66 -85.18	222.32 16.81 0.00	280.86 19.11 0.00	86.71 5.94 -0.04	62.81 4.13 -4.68	54.67 3.20 0.00
KENSICO____ 23655	42.43 1.48 0.00	40.81 1.38 0.00	40.58 1.38 0.00	40.05 1.53 0.00	40.25 1.39 0.00	41.64 1.15 0.00	41.34 1.36 0.00	41.27 1.70 0.00	44.39 1.90 0.00	47.10 2.49 0.00	45.46 2.79 0.00	71.92 4.22 0.00	70.57 4.31 0.00	96.10 5.89 -6.78	203.66 13.54 0.00	199.78 13.82 -10.51	251.19 14.94 -58.47	544.25 33.27 -113.35	380.60 22.02 -84.92	220.74 15.23 0.00	279.58 17.83 0.00	86.12 5.38 0.00	57.83 3.83 0.00	54.40 2.93 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.52 1.57 0.00	40.85 1.42 0.00	40.60 1.39 0.00	40.00 1.49 0.00	40.23 1.37 0.00	41.68 1.19 0.00	41.40 1.42 0.00	41.73 2.15 0.00	44.85 2.36 0.00	47.45 2.84 0.00	45.35 2.68 0.00	71.95 4.26 0.00	70.74 4.48 0.00	89.76 6.32 0.00	205.18 15.06 0.00	190.73 15.28 0.00	194.79 17.00 0.00	442.34 39.20 -5.51	385.09 26.84 -84.58	224.72 19.20 0.00	279.77 18.02 0.00	86.21 5.47 0.00	58.09 4.09 0.00	54.67 3.20 0.00
KIAC_JFK_GT1 23816	42.64 1.69 0.00	41.08 1.64 0.00	40.76 1.56 0.00	40.24 1.73 0.00	40.44 1.58 0.00	41.80 1.31 0.00	41.52 1.54 0.00	41.39 1.81 0.00	44.59 2.09 0.00	47.35 2.74 0.00	45.69 3.02 0.00	72.34 4.65 0.00	71.08 4.82 0.00	96.43 6.61 -6.38	205.18 15.06 0.00	200.62 15.27 -9.89	249.56 16.76 -55.02	541.96 37.33 -107.00	383.39 24.57 -85.15	222.41 16.89 0.00	282.09 20.34 0.00	86.90 6.16 0.00	58.42 4.43 0.00	54.76 3.29 0.00
KIAC_JFK_GT2 23817	42.64 1.69 0.00	41.08 1.64 0.00	40.76 1.56 0.00	40.24 1.73 0.00	40.44 1.58 0.00	41.80 1.31 0.00	41.52 1.54 0.00	41.39 1.81 0.00	44.59 2.09 0.00	47.35 2.74 0.00	45.69 3.02 0.00	72.34 4.65 0.00	71.08 4.82 0.00	96.43 6.61 -6.38	205.18 15.06 0.00	200.62 15.27 -9.89	249.56 16.76 -55.02	541.96 37.33 -107.00	383.39 24.57 -85.15	222.41 16.89 0.00	282.09 20.34 0.00	86.90 6.16 0.00	58.42 4.43 0.00	54.76 3.29 0.00
KIAC_JFK____ 323774	42.65 1.70 0.00	41.08 1.64 0.00	40.76 1.56 0.00	40.25 1.73 0.00	40.44 1.58 0.00	41.80 1.31 0.00	41.53 1.55 0.00	41.39 1.81 0.00	44.59 2.10 0.00	47.36 2.75 0.00	45.69 3.02 0.00	72.34 4.65 0.00	71.08 4.82 0.00	96.43 6.62 -6.38	205.17 15.05 0.00	200.63 15.29 -9.89	249.56 16.76 -55.02	541.96 37.33 -107.00	383.35 24.53 -85.15	222.41 16.90 0.00	282.09 20.34 0.00	86.91 6.17 0.00	58.42 4.42 0.00	54.76 3.29 0.00
KINTIGH____ 23543	41.23 0.28 0.00	39.22 -0.21 0.00	38.59 -0.61 0.00	37.56 -0.95 0.00	38.01 -0.85 0.00	39.86 -0.63 0.00	39.46 -0.52 0.00	39.03 -0.55 0.00	42.46 -0.03 0.00	45.85 1.25 0.00	44.22 1.55 0.00	70.32 2.63 0.00	68.18 1.91 0.00	85.15 1.71 0.00	192.74 2.62 0.00	175.16 -0.29 0.00	177.17 -0.61 0.00	392.80 -5.09 -0.26	281.07 -3.28 -10.69	206.15 0.64 0.00	266.78 5.03 0.00	82.37 1.64 0.00	54.80 0.80 0.00	51.61 0.13 0.00

KNTFSRNC_46_KV_46KV_LOAD 80397	40.35 -0.60 0.00	38.95 -0.49 0.00	39.05 -0.15 0.00	38.33 -0.18 0.00	38.72 -0.14 0.00	40.39 -0.10 0.00	40.02 0.04 0.00	39.62 0.04 0.00	42.41 -0.08 0.00	44.10 -0.51 0.00	41.80 -0.87 0.00	66.49 -1.20 0.00	65.10 -1.16 0.00	82.00 -1.44 0.00	186.89 -3.24 0.00	172.08 -3.37 0.00	174.00 -3.79 0.00	391.83 -5.81 0.00	271.90 -1.77 0.00	195.61 -2.52 7.38	253.27 -3.87 4.61	78.95 -1.78 0.00	52.68 -1.32 0.00	50.20 -1.27 0.00
LACHUTE___HYDRO 323717	46.61 5.66 0.00	44.63 5.19 0.00	43.90 4.70 0.00	43.11 4.60 0.00	43.50 4.64 0.00	45.64 5.15 0.00	45.43 5.45 0.00	45.15 5.57 0.00	47.92 5.43 0.00	49.96 5.35 0.00	48.00 5.32 0.00	76.61 8.92 0.00	75.44 9.17 0.00	96.68 11.83 -1.41	216.48 26.36 0.00	203.20 25.57 -2.19	216.86 26.91 -12.16	502.85 65.06 -40.16	590.28 44.47 -272.16	238.00 32.49 0.00	300.13 38.38 0.00	91.92 11.18 0.00	61.62 7.63 0.00	58.80 7.33 0.00
LAWRNCALV_115KV_TB1 80681	39.20 -1.74 0.00	37.85 -1.59 0.00	37.68 -1.53 0.00	36.98 -1.53 0.00	37.42 -1.44 0.00	39.12 -1.37 0.00	38.75 -1.24 0.00	38.35 -1.24 0.00	41.11 -1.39 0.00	42.62 -1.99 0.00	39.97 -2.70 0.00	63.62 -4.08 0.00	62.15 -4.12 0.00	78.04 -5.39 0.00	176.91 -13.22 0.00	162.91 -12.54 0.00	164.46 -13.33 0.00	371.40 -26.23 0.00	257.01 -16.66 0.00	171.30 -13.00 21.22	233.72 -14.76 13.27	76.98 -3.76 0.00	51.07 -2.93 0.00	48.78 -2.69 0.00
LEDERLE___ 23769	42.33 1.38 0.00	40.70 1.26 0.00	40.43 1.23 0.00	39.88 1.37 0.00	40.10 1.24 0.00	41.51 1.02 0.00	41.22 1.24 0.00	41.15 1.57 0.00	44.29 1.80 0.00	47.04 2.43 0.00	45.43 2.76 0.00	71.92 4.23 0.00	70.58 4.32 0.00	80.94 5.92 8.41	203.82 13.70 0.00	176.26 13.85 13.04	120.17 14.92 72.53	302.08 32.91 128.47	376.54 21.87 -81.01	220.69 15.17 0.00	279.54 17.79 0.00	86.13 5.39 0.00	57.76 3.77 0.00	54.29 2.82 0.00
LIGHTHSE_115KV_TB6 355974	41.36 0.41 0.00	39.78 0.34 0.00	39.34 0.14 0.00	38.67 0.15 0.00	39.17 0.31 0.00	40.94 0.45 0.00	40.52 0.54 0.00	39.98 0.40 0.00	42.94 0.45 0.00	45.29 0.68 0.00	43.34 0.66 0.00	68.52 0.83 0.00	67.29 1.02 0.00	84.69 1.26 0.00	192.62 2.50 0.00	176.93 1.47 0.00	179.24 1.45 0.00	401.07 3.43 0.00	276.05 2.39 0.00	217.50 4.44 -7.55	273.00 6.53 -4.72	82.75 2.02 0.00	55.01 1.01 0.00	51.78 0.31 0.00
LINDEN COGEN___ 23786	37.68 1.29 4.56	38.26 1.19 2.37	38.27 1.18 2.11	37.65 1.40 2.26	37.93 1.23 2.16	38.44 0.91 2.96	38.31 1.19 2.86	37.67 1.56 3.47	42.75 1.81 1.56	46.98 2.48 0.11	45.49 2.81 0.00	70.96 4.21 0.94	65.47 4.36 5.16	84.02 6.02 5.44	172.98 13.68 30.82	149.21 14.01 40.25	169.76 15.32 23.34	307.85 33.77 123.56	371.23 22.19 -75.38	214.38 15.16 6.29	273.20 17.81 6.36	84.97 5.46 1.23	57.92 3.92 0.00	54.34 2.87 0.00
LINDHRST_69_KV_BK1 356055	43.69 2.69 -0.05	42.09 2.65 0.00	41.97 2.77 0.00	41.46 2.95 0.00	41.51 2.65 0.00	42.55 2.06 0.00	42.34 2.35 0.00	42.30 2.72 0.00	45.06 2.57 0.00	47.75 3.14 0.00	46.35 3.68 0.00	76.73 5.53 -3.51	98.36 5.68 -26.42	118.77 7.84 -27.49	217.40 18.36 -8.93	210.43 18.45 -16.53	294.92 19.71 -97.43	547.34 43.55 -106.16	386.92 28.07 -85.18	226.37 19.36 -1.49	283.58 21.78 -0.05	89.30 7.04 -1.52	58.91 4.99 0.08	55.44 3.97 0.00
LIPA_MISC_IPP 23656	44.09 2.85 -0.30	42.26 2.82 0.00	42.18 2.98 0.00	41.69 3.17 0.00	41.75 2.89 0.00	42.68 2.19 0.00	42.47 2.49 0.00	42.35 2.77 0.00	45.02 2.52 0.00	47.67 3.06 0.00	46.42 3.74 0.00	113.50 5.64 -40.17	374.64 5.71 -302.66	344.44 7.54 -253.46	329.76 17.11 -122.54	303.53 16.86 -111.22	339.67 17.71 -144.17	557.39 38.86 -120.89	386.07 24.60 -87.81	281.34 17.28 -58.54	281.46 19.07 -0.64	106.05 6.93 -18.39	56.34 5.13 2.79	55.44 3.97 0.00
LISF___SOLAR 323691	44.17 2.92 -0.30	42.33 2.89 0.00	42.24 3.03 0.00	41.75 3.23 0.00	41.79 2.93 0.00	42.70 2.21 0.00	42.54 2.56 0.00	42.41 2.83 0.00	45.08 2.59 0.00	47.72 3.11 0.00	46.48 3.81 0.00	114.17 5.74 -40.74	379.03 5.83 -306.94	352.76 7.73 -261.60	337.36 17.60 -129.63	311.66 17.41 -118.80	346.38 18.30 -150.29	560.76 40.23 -122.90	387.40 25.54 -88.20	288.14 17.90 -64.73	282.30 19.88 -0.67	107.17 7.15 -19.28	56.53 5.29 2.76	55.55 4.08 0.00
LITTLE FALLS___HYD 24013	41.18 0.23 0.00	39.44 0.00 0.00	39.35 0.15 0.00	38.78 0.27 0.00	39.05 0.19 0.00	40.62 0.13 0.00	40.06 0.08 0.00	39.94 0.36 0.00	42.62 0.12 0.00	44.77 0.16 0.00	42.86 0.18 0.00	67.93 0.24 0.00	66.65 0.38 0.00	84.16 0.72 0.00	192.18 2.06 0.00	178.92 3.47 0.00	181.48 3.70 0.00	409.34 11.71 0.00	282.66 9.00 0.00	214.48 6.91 -2.06	272.27 9.23 -1.29	83.18 2.45 0.00	55.71 1.71 0.00	52.91 1.44 0.00
LITTLRIV_115KV_TB1 356100	39.63 -1.32 0.00	38.25 -1.19 0.00	38.05 -1.15 0.00	37.35 -1.16 0.00	37.81 -1.05 0.00	39.54 -0.95 0.00	39.19 -0.79 0.00	38.79 -0.79 0.00	41.59 -0.90 0.00	43.01 -1.60 0.00	40.35 -2.33 0.00	64.24 -3.46 0.00	62.79 -3.47 0.00	78.86 -4.58 0.00	178.79 -11.33 0.00	164.55 -10.91 0.00	166.01 -11.78 0.00	375.03 -22.60 0.00	260.28 -13.38 0.00	172.66 -10.12 22.74	236.54 -10.99 14.22	78.08 -2.65 0.00	51.74 -2.26 0.00	49.38 -2.09 0.00
LI_NEWBRDGE___DRP 323616	42.71 1.76 0.00	41.20 1.76 0.00	41.10 1.90 0.00	40.60 2.08 0.00	40.68 1.82 0.00	41.76 1.27 0.00	41.53 1.55 0.00	41.44 1.86 0.00	44.20 1.71 0.00	46.87 2.26 0.00	45.45 2.78 0.00	71.78 4.09 0.00	70.47 4.20 0.00	95.60 5.84 -6.33	203.86 13.74 0.00	200.52 14.18 -10.88	290.22 15.34 -97.09	537.48 33.69 -106.16	380.46 21.62 -85.18	220.01 14.50 0.00	277.57 15.82 0.00	85.86 5.27 0.14	53.44 3.85 4.41	54.42 2.95 0.00
LOCKPORT_115KV_TB60_63_64 80432	41.43 0.48 0.00	39.30 -0.14 0.00	38.56 -0.64 0.00	37.45 -1.06 0.00	37.92 -0.95 0.00	39.80 -0.69 0.00	39.39 -0.60 0.00	38.95 -0.63 0.00	42.53 0.03 0.00	46.15 1.54 0.00	44.60 1.92 0.00	70.94 3.25 0.00	68.60 2.34 0.00	85.50 2.06 0.00	193.16 3.04 0.00	175.01 -0.44 -0.01	177.06 -0.73 0.00	394.54 -5.58 -2.49	282.01 -3.49 -11.84	206.10 0.59 0.00	267.79 6.03 0.00	82.58 1.84 0.00	54.88 0.89 0.00	51.63 0.16 0.00
LOCKPORT___CC1 323769	41.24 0.29 0.00	39.12 -0.32 0.00	38.40 -0.80 0.00	37.29 -1.23 0.00	37.76 -1.11 0.00	39.63 -0.85 0.00	39.19 -0.79 0.00	38.78 -0.80 0.00	42.34 -0.15 0.00	45.94 1.33 0.00	44.40 1.73 0.00	70.59 2.90 0.00	68.27 2.01 0.00	85.08 1.64 0.00	192.07 1.95 0.00	173.93 -1.52 -0.01	176.05 -1.74 0.00	392.10 -7.75 -2.22	280.72 -4.89 -11.95	204.91 -0.60 0.00	266.35 4.60 0.00	82.15 1.42 0.00	54.62 0.63 0.00	51.40 -0.07 0.00
LOCKPORT___CC2 323770	41.24 0.29 0.00	39.12 -0.32 0.00	38.40 -0.80 0.00	37.29 -1.23 0.00	37.76 -1.11 0.00	39.63 -0.85 0.00	39.19 -0.79 0.00	38.78 -0.80 0.00	42.34 -0.15 0.00	45.94 1.33 0.00	44.40 1.73 0.00	70.59 2.90 0.00	68.27 2.01 0.00	85.08 1.64 0.00	192.07 1.95 0.00	173.93 -1.52 -0.01	176.05 -1.74 0.00	392.10 -7.75 -2.22	280.72 -4.89 -11.95	204.91 -0.60 0.00	266.35 4.60 0.00	82.15 1.42 0.00	54.62 0.63 0.00	51.40 -0.07 0.00

LOCKPORT___CC3 323771	41.24 0.29 0.00	39.12 -0.32 0.00	38.40 -0.80 0.00	37.29 -1.23 0.00	37.76 -1.11 0.00	39.63 -0.85 0.00	39.19 -0.79 0.00	38.78 -0.80 0.00	42.34 -0.15 0.00	45.94 1.33 0.00	44.40 1.73 0.00	70.59 2.90 0.00	68.27 2.01 0.00	85.08 1.64 0.00	192.07 1.95 0.00	173.93 -1.52 -0.01	176.05 -1.74 0.00	392.10 -7.75 -2.22	280.72 -4.89 -11.95	204.91 -0.60 0.00	266.35 4.60 0.00	82.15 1.42 0.00	54.62 0.63 0.00	51.40 -0.07 0.00
LONG_LAKE_PHOENIX 24014	41.19 0.24 0.00	39.64 0.21 0.00	39.30 0.10 0.00	38.56 0.05 0.00	38.93 0.07 0.00	40.63 0.14 0.00	40.12 0.14 0.00	39.59 0.01 0.00	42.57 0.08 0.00	44.95 0.35 0.00	43.15 0.48 0.00	68.41 0.72 0.00	67.02 0.75 0.00	84.40 0.96 0.00	192.55 2.42 0.00	177.35 1.90 0.00	179.82 2.03 0.00	400.23 2.60 0.00	274.43 0.76 0.00	210.06 2.16 -2.39	266.08 2.83 -1.50	81.72 0.99 0.00	54.53 0.53 0.00	51.66 0.19 0.00
LOVETT___3 23632	42.08 1.13 0.00	40.47 1.03 0.00	40.22 1.02 0.00	39.67 1.16 0.00	39.89 1.03 0.00	41.28 0.80 0.00	40.98 1.00 0.00	40.90 1.33 0.00	44.00 1.50 0.00	46.70 2.09 0.00	45.10 2.42 0.00	71.36 3.67 0.00	70.03 3.76 0.00	79.85 5.18 8.77	202.13 12.01 0.00	174.11 12.25 13.59	115.48 13.30 75.61	292.87 29.35 134.11	374.58 19.51 -81.41	218.96 13.45 0.00	277.25 15.50 0.00	85.49 4.75 0.00	57.38 3.38 0.00	53.95 2.48 0.00
LOVETT___4 23642	42.08 1.13 0.00	40.47 1.03 0.00	40.22 1.02 0.00	39.67 1.16 0.00	39.89 1.03 0.00	41.28 0.80 0.00	40.98 1.00 0.00	40.90 1.33 0.00	44.00 1.50 0.00	46.70 2.09 0.00	45.10 2.42 0.00	71.36 3.67 0.00	70.03 3.76 0.00	79.85 5.18 8.77	202.13 12.01 0.00	174.11 12.25 13.59	115.48 13.30 75.61	292.87 29.35 134.11	374.58 19.51 -81.41	218.96 13.45 0.00	277.25 15.50 0.00	85.49 4.75 0.00	57.38 3.38 0.00	53.95 2.48 0.00
LOVETT___5 23593	42.08 1.13 0.00	40.47 1.03 0.00	40.22 1.02 0.00	39.67 1.16 0.00	39.89 1.03 0.00	41.28 0.80 0.00	40.98 1.00 0.00	40.90 1.33 0.00	44.00 1.50 0.00	46.70 2.09 0.00	45.10 2.42 0.00	71.36 3.67 0.00	70.03 3.76 0.00	79.85 5.18 8.77	202.13 12.01 0.00	174.11 12.25 13.59	115.48 13.30 75.61	292.87 29.35 134.11	374.58 19.51 -81.41	218.96 13.45 0.00	277.25 15.50 0.00	85.49 4.75 0.00	57.38 3.38 0.00	53.95 2.48 0.00
LOWER RAQUET___HYD 24057	38.99 -1.96 0.00	37.66 -1.78 0.00	37.47 -1.73 0.00	36.77 -1.74 0.00	37.23 -1.63 0.00	38.93 -1.56 0.00	38.57 -1.41 0.00	38.18 -1.41 0.00	40.91 -1.58 0.00	42.41 -2.20 0.00	39.78 -2.89 0.00	63.29 -4.40 0.00	61.86 -4.40 0.00	77.67 -5.76 0.00	176.07 -14.05 0.00	162.11 -13.34 0.00	163.65 -14.14 0.00	369.73 -27.90 0.00	256.03 -17.63 0.00	167.84 -13.50 24.17	231.52 -15.12 15.11	76.97 -3.77 0.00	51.00 -3.00 0.00	48.64 -2.83 0.00
LOWER___HUDSON 24059	42.57 1.62 0.00	40.92 1.48 0.00	40.74 1.54 0.00	40.08 1.57 0.00	40.36 1.50 0.00	42.05 1.56 0.00	41.53 1.55 0.00	41.20 1.62 0.00	44.05 1.55 0.00	46.30 1.69 0.00	44.31 1.63 0.00	70.07 2.38 0.00	68.75 2.48 0.00	88.02 3.09 -1.49	197.26 7.14 0.00	185.85 8.09 -2.31	198.57 7.95 -12.83	457.58 20.54 -39.41	530.45 15.23 -241.55	216.35 10.84 0.00	275.39 13.64 0.00	84.48 3.75 0.00	56.76 2.77 0.00	53.95 2.48 0.00
LOWVILLE_115KV_TB2 356335	41.25 0.30 0.00	39.72 0.28 0.00	39.25 0.05 0.00	38.64 0.12 0.00	39.30 0.44 0.00	41.14 0.65 0.00	40.87 0.89 0.00	40.35 0.77 0.00	43.29 0.80 0.00	45.47 0.86 0.00	43.27 0.60 0.00	68.64 0.95 0.00	67.34 1.07 0.00	84.69 1.26 0.00	191.91 1.79 0.00	176.15 0.70 0.00	178.33 0.54 0.00	402.30 4.67 0.00	278.44 4.78 0.00	231.45 5.71 -20.23	283.14 8.74 -12.65	83.18 2.44 0.00	54.73 0.73 0.00	51.37 -0.11 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	43.40 2.45 0.00	41.68 2.24 0.00	41.40 2.20 0.00	40.71 2.20 0.00	41.02 2.16 0.00	42.75 2.26 0.00	42.28 2.30 0.00	41.96 2.38 0.00	44.93 2.43 0.00	47.25 2.64 0.00	45.26 2.59 0.00	71.72 4.03 0.00	70.47 4.20 0.00	90.18 5.32 -1.42	202.13 12.01 0.00	190.14 12.49 -2.20	202.44 12.43 -12.22	468.00 30.23 -40.13	565.44 21.66 -270.12	221.30 15.79 0.00	281.44 19.69 0.00	86.47 5.74 0.00	57.94 3.94 0.00	55.02 3.54 0.00
LUTHERNY_35_KV_BK2 355980	43.44 2.49 0.00	41.73 2.29 0.00	41.38 2.18 0.00	40.71 2.20 0.00	41.02 2.16 0.00	42.75 2.26 0.00	42.31 2.33 0.00	42.00 2.42 0.00	45.00 2.51 0.00	47.29 2.68 0.00	45.28 2.60 0.00	71.80 4.11 0.00	70.55 4.29 0.00	90.30 5.45 -1.42	202.38 12.26 0.00	190.42 12.77 -2.20	202.71 12.71 -12.22	468.69 30.92 -40.13	565.93 22.15 -270.12	221.70 16.19 0.00	281.85 20.11 0.00	86.59 5.86 0.00	57.97 3.98 0.00	55.05 3.58 0.00
LWR___OSWEGATCHIE_HYD 23850	40.08 -0.86 0.00	38.64 -0.80 0.00	38.29 -0.91 0.00	37.64 -0.87 0.00	38.22 -0.64 0.00	40.00 -0.48 0.00	39.69 -0.29 0.00	39.22 -0.36 0.00	42.06 -0.44 0.00	43.87 -0.74 0.00	41.44 -1.24 0.00	65.79 -1.90 0.00	64.40 -1.87 0.00	80.92 -2.52 0.00	183.27 -6.85 0.00	168.43 -7.02 0.00	170.33 -7.46 0.00	384.68 -12.95 0.00	266.41 -7.25 0.00	225.13 -4.22 -23.83	264.35 -3.40 -6.00	80.06 -0.68 0.00	52.78 -1.22 0.00	49.86 -1.62 0.00
LYONS_FALL_HYD 23570	41.61 0.66 0.00	40.04 0.61 0.00	39.63 0.43 0.00	38.98 0.46 0.00	39.54 0.68 0.00	41.37 0.88 0.00	41.00 1.02 0.00	40.52 0.94 0.00	43.50 1.01 0.00	45.74 1.13 0.00	43.64 0.96 0.00	69.25 1.56 0.00	67.90 1.63 0.00	85.50 2.06 0.00	194.29 4.17 0.00	178.60 3.15 0.00	180.78 2.99 0.00	406.93 9.29 0.00	281.28 7.62 0.00	226.38 7.30 -13.56	280.46 10.23 -8.48	83.58 2.85 0.00	55.23 1.23 0.00	52.03 0.56 0.00
MADISON___COUNTY_LFGE 323628	42.40 1.46 0.00	40.75 1.31 0.00	40.41 1.21 0.00	39.67 1.16 0.00	40.09 1.23 0.00	41.86 1.37 0.00	41.44 1.46 0.00	40.94 1.37 0.00	44.05 1.55 0.00	46.42 1.81 0.00	44.49 1.82 0.00	70.69 2.99 0.00	69.31 3.05 0.00	87.48 4.05 0.00	199.65 9.53 0.00	183.25 7.79 0.00	185.02 7.23 0.00	414.70 17.07 0.00	286.04 12.38 0.00	220.06 10.27 -4.28	277.74 13.31 -2.68	84.50 3.76 0.00	56.15 2.15 0.00	53.11 1.63 0.00
MALONE___115KV_TB1 356076	40.04 -0.91 0.00	38.65 -0.78 0.00	38.63 -0.58 0.00	37.88 -0.63 0.00	38.31 -0.55 0.00	39.99 -0.50 0.00	39.64 -0.34 0.00	39.25 -0.33 0.00	42.10 -0.39 0.00	43.74 -0.87 0.00	41.38 -1.29 0.00	65.85 -1.84 0.00	64.40 -1.87 0.00	81.01 -2.43 0.00	183.91 -6.21 0.00	169.40 -6.05 0.00	171.19 -6.59 0.00	385.85 -11.78 0.00	267.60 -6.06 0.00	187.55 -5.43 12.52	247.34 -6.58 7.83	78.55 -2.18 0.00	52.22 -1.78 0.00	49.69 -1.78 0.00
MAPLEWOD_115KV_TB3 80458	42.29 1.34 0.00	40.65 1.21 0.00	40.48 1.27 0.00	39.81 1.29 0.00	40.08 1.22 0.00	41.72 1.23 0.00	41.20 1.22 0.00	40.90 1.32 0.00	43.77 1.28 0.00	46.08 1.47 0.00	44.10 1.42 0.00	69.70 2.01 0.00	68.41 2.15 0.00	87.62 2.71 -1.47	196.57 6.45 0.00	185.13 7.40 -2.28	197.99 7.51 -12.70	453.53 18.83 -37.07	496.96 13.94 -209.35	215.35 9.84 0.00	274.07 12.32 0.00	84.11 3.38 0.00	56.50 2.50 0.00	53.67 2.19 0.00

MAPLE_RIDGE_WT_1 323574	40.48 -0.47 0.00	39.01 -0.43 0.00	38.73 -0.47 0.00	38.07 -0.44 0.00	38.54 -0.32 0.00	40.23 -0.26 0.00	39.77 -0.21 0.00	39.36 -0.22 0.00	42.25 -0.24 0.00	44.23 -0.38 0.00	42.22 -0.45 0.00	66.98 -0.71 0.00	65.46 -0.81 0.00	82.28 -1.16 0.00	186.81 -3.31 0.00	172.15 -3.30 0.00	174.35 -3.43 0.00	390.85 -6.78 0.00	269.52 -4.14 0.00	200.47 -3.45 1.59	256.69 -4.07 0.99	79.71 -1.02 0.00	53.27 -0.72 0.00	50.80 -0.67 0.00
MAPLE_RIDGE_WT_2 323611	40.48 -0.47 0.00	39.01 -0.43 0.00	38.73 -0.47 0.00	38.07 -0.44 0.00	38.54 -0.32 0.00	40.23 -0.26 0.00	39.77 -0.21 0.00	39.36 -0.22 0.00	42.25 -0.24 0.00	44.23 -0.38 0.00	42.22 -0.45 0.00	66.98 -0.71 0.00	65.46 -0.81 0.00	82.28 -1.16 0.00	186.81 -3.31 0.00	172.15 -3.30 0.00	174.35 -3.43 0.00	390.85 -6.78 0.00	269.52 -4.14 0.00	200.47 -3.45 1.59	256.69 -4.07 0.99	79.71 -1.02 0.00	53.27 -0.72 0.00	50.80 -0.67 0.00
MARBLE_RIVER_WT_PWR 323696	39.90 -1.05 0.00	38.55 -0.89 0.00	38.59 -0.61 0.00	37.90 -0.61 0.00	38.31 -0.55 0.00	39.94 -0.55 0.00	39.56 -0.42 0.00	39.14 -0.44 0.00	41.95 -0.55 0.00	43.63 -0.98 0.00	41.37 -1.31 0.00	65.80 -1.90 0.00	64.36 -1.91 0.00	81.01 -2.42 0.00	184.39 -5.73 0.00	169.70 -5.75 0.00	171.87 -5.92 0.00	386.39 -11.25 0.00	267.74 -5.92 0.00	192.90 -5.67 6.95	248.98 -8.42 4.34	77.75 -2.98 0.00	51.93 -2.07 0.00	49.59 -1.88 0.00
MARSHVLE_115KV_TB1 80742	44.29 3.35 0.00	42.62 3.18 0.00	42.23 3.03 0.00	41.46 2.94 0.00	41.95 3.09 0.00	43.84 3.35 0.00	43.49 3.51 0.00	42.89 3.32 0.00	46.04 3.55 0.00	48.31 3.70 0.00	46.25 3.57 0.00	73.49 5.79 0.00	72.01 5.74 0.00	91.61 7.14 -1.03	205.83 15.71 0.00	190.31 13.27 -1.59	200.53 13.90 -8.84	461.57 32.11 -31.83	536.19 24.24 -238.29	225.45 19.94 0.00	288.04 26.29 0.00	88.83 8.10 0.00	58.94 4.94 0.00	55.78 4.30 0.00
MARSH_HILL_WT_PWR 323713	42.20 1.25 0.00	40.30 0.86 0.00	39.75 0.55 0.00	38.85 0.34 0.00	39.30 0.44 0.00	41.05 0.57 0.00	40.39 0.41 0.00	39.95 0.37 0.00	43.56 1.07 0.00	47.09 2.49 0.00	45.25 2.58 0.00	71.93 4.24 0.00	70.02 3.76 0.00	87.66 4.23 0.00	199.66 9.54 0.00	181.51 6.06 0.00	183.35 5.57 0.00	407.23 8.17 -1.43	296.03 5.37 -17.00	212.11 6.60 0.00	272.68 10.93 0.00	83.01 2.28 0.00	55.22 1.22 0.00	52.26 0.78 0.00
MCINTYRE_115KV_TB2 80467	40.20 -0.74 0.00	38.79 -0.65 0.00	38.60 -0.61 0.00	37.88 -0.63 0.00	38.34 -0.52 0.00	40.09 -0.40 0.00	39.73 -0.26 0.00	39.31 -0.27 0.00	42.11 -0.38 0.00	43.46 -1.15 0.00	40.76 -1.91 0.00	64.90 -2.79 0.00	63.43 -2.83 0.00	79.65 -3.79 0.00	180.56 -9.56 0.00	166.17 -9.28 0.00	167.64 -10.15 0.00	378.61 -19.02 0.00	263.36 -10.30 0.00	177.48 -7.59 20.44	240.75 -8.22 12.78	78.78 -1.96 0.00	52.25 -1.75 0.00	49.97 -1.50 0.00
MECO____69_KV_BK1 80468	45.01 4.06 0.00	43.46 4.02 0.00	43.13 3.93 0.00	42.33 3.82 0.00	42.79 3.93 0.00	44.75 4.26 0.00	44.46 4.48 0.00	43.74 4.16 0.00	45.56 3.07 0.00	47.66 3.05 0.00	45.41 2.73 0.00	71.83 4.14 0.00	70.55 4.29 0.00	90.20 5.63 -1.14	202.14 12.02 0.00	189.14 11.92 -1.76	201.27 13.69 -9.79	470.22 37.92 -34.67	561.34 32.91 -254.78	232.99 27.48 0.00	296.39 34.64 0.00	90.98 10.24 0.00	60.36 6.36 0.00	56.93 5.46 0.00
MENANDS__115KV_TB5 355628	41.95 1.00 0.00	40.33 0.90 0.00	40.18 0.97 0.00	39.52 1.01 0.00	39.79 0.93 0.00	41.40 0.92 0.00	40.88 0.90 0.00	40.57 0.99 0.00	43.42 0.92 0.00	45.69 1.08 0.00	43.71 1.03 0.00	69.08 1.39 0.00	67.78 1.51 0.00	86.79 1.88 -1.48	194.70 4.58 0.00	183.40 5.65 -2.29	196.21 5.70 -12.73	448.98 14.56 -36.78	488.88 10.95 -204.27	213.09 7.58 0.00	271.20 9.45 0.00	83.26 2.53 0.00	55.98 1.98 0.00	53.21 1.74 0.00
MG INDUSTRY____DRP 24185	41.36 0.41 0.00	39.80 0.36 0.00	39.68 0.48 0.00	39.03 0.52 0.00	39.31 0.44 0.00	40.91 0.41 0.00	40.32 0.34 0.00	39.96 0.38 0.00	42.73 0.23 0.00	44.86 0.25 0.00	42.75 0.07 0.00	67.54 -0.15 0.00	66.22 -0.05 0.00	84.57 -0.19 -1.33	190.20 0.07 0.00	178.85 1.34 -2.06	190.58 1.35 -11.44	433.14 4.15 -31.35	434.85 3.82 -157.37	208.32 2.81 0.00	265.81 4.06 0.00	81.80 1.07 0.00	55.05 1.05 0.00	52.46 0.99 0.00
MID____OSWEGATCHIE_HYD 23849	40.08 -0.86 0.00	38.64 -0.80 0.00	38.29 -0.91 0.00	37.64 -0.87 0.00	38.22 -0.64 0.00	40.00 -0.48 0.00	39.69 -0.29 0.00	39.22 -0.36 0.00	42.06 -0.44 0.00	43.87 -0.74 0.00	41.44 -1.24 0.00	65.79 -1.90 0.00	64.40 -1.87 0.00	80.92 -2.52 0.00	183.27 -6.85 0.00	168.43 -7.02 0.00	170.33 -7.46 0.00	384.68 -12.95 0.00	266.41 -7.25 0.00	225.13 -4.22 -23.83	264.35 -3.40 -6.00	80.06 -0.68 0.00	52.78 -1.22 0.00	49.86 -1.62 0.00
MID____RAQUETTE_HYD 23851	38.99 -1.96 0.00	37.65 -1.79 0.00	37.47 -1.74 0.00	36.77 -1.74 0.00	37.23 -1.63 0.00	38.93 -1.56 0.00	38.56 -1.42 0.00	38.18 -1.41 0.00	40.91 -1.58 0.00	42.41 -2.20 0.00	39.78 -2.89 0.00	63.29 -4.40 0.00	61.87 -4.40 0.00	77.67 -5.76 0.00	176.07 -14.04 0.00	162.10 -13.35 0.00	163.66 -14.12 0.00	369.65 -27.98 0.00	256.08 -17.58 0.00	167.84 -13.50 24.17	231.52 -15.11 15.11	76.98 -3.76 0.00	51.00 -3.00 0.00	48.64 -2.83 0.00
MILLIKEN____1 23584	42.40 1.45 0.00	40.77 1.33 0.00	40.34 1.13 0.00	39.61 1.10 0.00	40.03 1.17 0.00	41.71 1.22 0.00	41.28 1.30 0.00	40.85 1.27 0.00	43.98 1.49 0.00	46.49 1.88 0.00	44.55 1.87 0.00	70.53 2.84 0.00	69.11 2.85 0.00	87.11 3.67 0.00	199.15 9.03 0.00	183.05 7.59 0.00	185.90 8.11 0.00	416.51 17.76 -1.12	303.26 12.46 -17.14	218.16 11.42 -1.22	277.67 15.15 -0.76	85.10 4.36 0.00	56.64 2.64 0.00	53.52 2.05 0.00
MILLIKEN____2 23585	42.40 1.45 0.00	40.77 1.33 0.00	40.34 1.13 0.00	39.61 1.10 0.00	40.03 1.17 0.00	41.71 1.22 0.00	41.28 1.30 0.00	40.85 1.27 0.00	43.98 1.49 0.00	46.49 1.88 0.00	44.55 1.87 0.00	70.53 2.84 0.00	69.11 2.85 0.00	87.11 3.67 0.00	199.15 9.03 0.00	183.05 7.59 0.00	185.90 8.11 0.00	416.51 17.76 -1.12	303.26 12.46 -17.14	218.16 11.42 -1.22	277.67 15.15 -0.76	85.10 4.36 0.00	56.64 2.64 0.00	53.52 2.05 0.00
MILLIKEN____DIESEL 23629	42.40 1.45 0.00	40.77 1.33 0.00	40.34 1.13 0.00	39.61 1.10 0.00	40.03 1.17 0.00	41.71 1.22 0.00	41.28 1.30 0.00	40.85 1.27 0.00	43.98 1.49 0.00	46.49 1.88 0.00	44.55 1.87 0.00	70.53 2.84 0.00	69.11 2.85 0.00	87.11 3.67 0.00	199.15 9.03 0.00	183.05 7.59 0.00	185.90 8.11 0.00	416.51 17.76 -1.12	303.26 12.46 -17.14	218.16 11.42 -1.22	277.67 15.15 -0.76	85.10 4.36 0.00	56.64 2.64 0.00	53.52 2.05 0.00
MILLSEAT____LFGE 323607	42.34 1.39 0.00	40.18 0.73 0.00	39.43 0.23 0.00	38.33 -0.18 0.00	38.79 -0.08 0.00	40.78 0.29 0.00	40.70 0.72 0.00	40.03 0.45 0.00	43.70 1.20 0.00	47.26 2.65 0.00	45.70 3.03 0.00	72.67 4.98 0.00	70.55 4.28 0.00	88.09 4.66 0.00	199.17 9.05 0.00	179.65 4.19 -0.01	181.21 3.43 0.00	405.30 5.60 -2.08	289.64 4.71 -11.26	212.02 6.51 0.00	274.55 12.80 0.00	84.51 3.77 0.00	56.03 2.04 0.00	52.66 1.18 0.00

MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.34 1.39 0.00	40.73 1.29 0.00	40.49 1.29 0.00	39.95 1.44 0.00	40.16 1.29 0.00	41.55 1.06 0.00	41.25 1.27 0.00	41.18 1.60 0.00	44.28 1.79 0.00	46.98 2.37 0.00	45.33 2.66 0.00	71.71 4.02 0.00	70.38 4.11 0.00	96.14 5.62 -7.08	203.06 12.94 0.00	199.68 13.25 -10.97	253.16 14.33 -61.04	547.56 31.85 -118.07	379.29 21.13 -84.50	220.18 14.66 0.00	278.85 17.10 0.00	85.91 5.18 0.00	57.68 3.68 0.00	54.28 2.81 0.00
MILLWOOD_13_KV_LOAD 356217	42.51 1.57 0.00	40.89 1.45 0.00	40.64 1.44 0.00	40.09 1.58 0.00	40.30 1.44 0.00	41.71 1.22 0.00	41.41 1.43 0.00	41.35 1.77 0.00	44.48 1.98 0.00	47.21 2.60 0.00	45.57 2.89 0.00	72.09 4.40 0.00	70.77 4.51 0.00	96.68 6.17 -7.08	204.36 14.24 0.00	200.89 14.47 -10.97	254.41 15.58 -61.04	550.52 34.82 -118.07	381.19 23.03 -84.50	221.49 15.98 0.00	280.50 18.75 0.00	86.36 5.62 0.00	57.97 3.97 0.00	54.51 3.04 0.00
MODEL_CITY_ENERGY 24167	41.09 0.14 0.00	38.98 -0.46 0.00	38.26 -0.94 0.00	37.16 -1.36 0.00	37.62 -1.24 0.00	39.49 -1.00 0.00	39.04 -0.94 0.00	38.60 -0.98 0.00	42.13 -0.37 0.00	45.71 1.10 0.00	44.19 1.51 0.00	70.28 2.59 0.00	67.92 1.65 0.00	84.60 1.16 0.00	191.06 0.94 0.00	173.05 -2.40 0.00	175.19 -2.60 0.00	389.55 -9.92 -1.84	279.47 -6.29 -12.10	204.00 -1.52 0.00	265.09 3.34 0.00	81.86 1.12 0.00	54.40 0.41 0.00	51.21 -0.26 0.00
MODERN_LFGE_ 323580	41.09 0.14 0.00	38.98 -0.46 0.00	38.26 -0.94 0.00	37.16 -1.36 0.00	37.62 -1.24 0.00	39.49 -1.00 0.00	39.04 -0.94 0.00	38.60 -0.98 0.00	42.13 -0.37 0.00	45.71 1.10 0.00	44.19 1.51 0.00	70.28 2.59 0.00	67.92 1.65 0.00	84.60 1.16 0.00	191.06 0.94 0.00	173.05 -2.40 0.00	175.19 -2.60 0.00	389.55 -9.92 -1.84	279.47 -6.29 -12.10	204.00 -1.52 0.00	265.09 3.34 0.00	81.86 1.12 0.00	54.40 0.41 0.00	51.21 -0.26 0.00
MOHAWK_PAPER___DRP 24187	42.29 1.34 0.00	40.65 1.21 0.00	40.48 1.27 0.00	39.81 1.29 0.00	40.08 1.22 0.00	41.72 1.23 0.00	41.20 1.22 0.00	40.90 1.32 0.00	43.77 1.28 0.00	46.08 1.47 0.00	44.10 1.42 0.00	69.70 2.01 0.00	68.41 2.15 0.00	87.62 2.71 -1.47	196.57 6.45 0.00	185.13 7.40 -2.28	197.99 7.51 -12.70	453.53 18.83 -37.07	496.96 13.94 -209.35	215.35 9.84 0.00	274.07 12.32 0.00	84.11 3.38 0.00	56.50 2.50 0.00	53.67 2.19 0.00
MOHICAN__35_KV_115KV_LD 80490	44.01 3.06 0.00	42.20 2.76 0.00	41.82 2.62 0.00	41.11 2.60 0.00	41.43 2.57 0.00	43.24 2.75 0.00	42.87 2.89 0.00	42.58 3.00 0.00	45.49 3.00 0.00	47.75 3.14 0.00	45.77 3.10 0.00	72.63 4.94 0.00	71.48 5.22 0.00	91.49 6.64 -1.41	204.56 14.44 0.00	192.66 15.01 -2.19	204.75 14.79 -12.18	474.39 36.60 -40.15	571.02 25.98 -271.38	224.30 18.78 0.00	284.54 22.79 0.00	87.43 6.69 0.00	58.64 4.64 0.00	55.71 4.24 0.00
MONGAUP___HYD 23641	42.40 1.46 0.00	40.69 1.26 0.00	40.43 1.23 0.00	39.81 1.29 0.00	40.04 1.18 0.00	41.59 1.10 0.00	41.17 1.19 0.00	40.82 1.24 0.00	43.67 1.18 0.00	46.04 1.43 0.00	43.92 1.25 0.00	69.56 1.87 0.00	68.26 2.00 0.00	81.32 2.87 4.99	196.96 6.84 0.00	175.42 7.71 7.74	143.87 9.14 43.06	344.92 21.76 74.47	364.38 15.17 -75.55	216.49 10.98 0.00	275.05 13.31 0.00	84.65 3.92 0.00	57.11 3.11 0.00	54.04 2.57 0.00
MONTAUK___DIESEL 23721	46.43 5.18 -0.30	44.47 5.03 0.00	44.30 5.10 0.00	43.76 5.25 0.00	43.83 4.97 0.00	44.88 4.39 0.00	44.68 4.70 0.00	44.63 5.05 0.00	47.67 5.17 0.00	50.72 6.11 0.00	49.34 6.66 0.00	118.58 10.47 -40.41	381.32 10.57 -304.48	353.19 13.15 -256.60	344.33 29.01 -125.20	317.12 27.68 -114.00	352.99 28.87 -146.32	582.68 63.45 -121.60	402.11 40.51 -87.94	294.54 28.26 -60.77	294.39 31.99 -0.65	111.61 12.15 -18.72	59.82 8.60 2.78	58.55 7.07 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.64 1.69 0.00	40.49 1.05 0.00	39.56 0.35 0.00	38.41 -0.10 0.00	38.79 -0.07 0.00	40.84 0.36 0.00	40.59 0.60 0.00	40.45 0.87 0.00	44.38 1.88 0.00	48.22 3.61 0.00	46.58 3.90 0.00	73.98 6.29 0.00	71.98 5.71 0.00	89.39 5.95 0.00	201.95 11.82 0.00	181.92 6.47 0.00	183.08 5.30 0.00	408.19 8.82 -1.74	294.86 6.88 -14.32	213.29 7.78 0.00	276.06 14.31 0.00	83.34 2.61 0.00	55.37 1.37 0.00	52.96 1.49 0.00
MORTIMER_115KV_TB3 55949	42.07 1.12 0.00	40.10 0.66 0.00	39.51 0.30 0.00	38.51 0.00 0.00	38.94 0.08 0.00	40.79 0.31 0.00	40.43 0.45 0.00	40.00 0.42 0.00	43.36 0.87 0.00	46.54 1.93 0.00	44.92 2.24 0.00	71.58 3.89 0.00	69.77 3.50 0.00	87.39 3.95 0.00	198.42 8.30 0.00	181.20 5.74 0.00	183.44 5.65 0.00	408.33 10.09 -0.61	290.12 7.11 -9.35	213.22 7.71 0.00	274.26 12.51 0.00	84.54 3.80 0.00	56.11 2.11 0.00	52.82 1.34 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.60 1.65 0.00	40.97 1.53 0.00	40.73 1.53 0.00	40.23 1.72 0.00	40.42 1.55 0.00	41.77 1.28 0.00	41.52 1.54 0.00	41.47 1.89 0.00	44.64 2.14 0.00	47.40 2.79 0.00	45.75 3.08 0.00	72.40 4.71 0.00	71.08 4.82 0.00	96.38 6.57 -6.38	205.06 14.94 0.00	200.49 15.16 -9.89	249.20 16.42 -54.99	541.03 36.45 -106.95	382.77 23.96 -85.15	222.06 16.55 0.00	281.36 19.61 0.00	86.71 5.97 0.00	58.23 4.23 0.00	54.70 3.23 0.00
MUNSVILLE_WIND_PWR 323609	44.62 3.67 0.00	42.84 3.40 0.00	42.40 3.20 0.00	41.61 3.09 0.00	42.08 3.21 0.00	44.05 3.56 0.00	43.62 3.64 0.00	43.21 3.63 0.00	46.53 4.04 0.00	49.18 4.57 0.00	46.90 4.23 0.00	74.40 6.71 0.00	73.13 6.87 0.00	92.09 8.66 0.00	211.78 21.66 0.00	193.71 18.26 0.00	197.96 20.17 0.00	447.44 47.63 -2.18	341.92 34.84 -33.42	233.70 28.19 0.00	297.96 36.21 0.00	90.98 10.25 0.00	60.27 6.27 0.00	56.56 5.09 0.00
N SALMON___HYD 24042	40.04 -0.91 0.00	38.65 -0.79 0.00	38.63 -0.57 0.00	37.88 -0.63 0.00	38.31 -0.55 0.00	39.99 -0.50 0.00	39.65 -0.34 0.00	39.25 -0.33 0.00	42.10 -0.39 0.00	43.74 -0.87 0.00	41.38 -1.29 0.00	65.85 -1.84 0.00	64.40 -1.87 0.00	81.01 -2.43 0.00	183.93 -6.19 0.00	169.41 -6.03 0.00	171.19 -6.60 0.00	385.85 -11.79 0.00	267.60 -6.06 0.00	187.56 -5.43 12.52	247.34 -6.58 7.83	78.55 -2.18 0.00	52.22 -1.78 0.00	49.69 -1.79 0.00
N.AKRON__115KV_KNAPP 355671	42.11 1.17 0.00	39.95 0.51 0.00	39.20 -0.01 0.00	38.07 -0.45 0.00	38.53 -0.33 0.00	40.42 -0.07 0.00	39.87 -0.11 0.00	39.88 0.30 0.00	43.62 1.12 0.00	47.22 2.61 0.00	45.66 2.99 0.00	72.64 4.95 0.00	70.45 4.19 0.00	87.95 4.51 0.00	198.73 8.61 0.00	179.60 4.15 -0.01	181.29 3.50 0.00	405.40 5.56 -2.20	289.49 4.39 -11.45	212.10 6.59 0.00	274.80 13.05 0.00	84.60 3.86 0.00	56.10 2.10 0.00	52.71 1.24 0.00
N.BELMOR_69_KV_BK1 55787	43.13 2.18 0.00	41.55 2.11 0.00	41.40 2.20 0.00	40.87 2.36 0.00	40.96 2.10 0.00	42.10 1.61 0.00	41.87 1.89 0.00	41.79 2.22 0.00	44.66 2.16 0.00	47.33 2.72 0.00	45.83 3.15 0.00	72.47 4.78 0.00	71.21 4.94 0.00	96.64 6.88 -6.33	206.43 16.31 0.00	202.93 16.59 -10.88	292.86 17.99 -97.09	543.53 39.74 -106.16	384.49 25.64 -85.18	222.82 17.30 0.00	281.02 19.27 0.00	87.14 6.35 -0.06	65.71 4.53 -7.18	55.02 3.55 0.00

N.E_GEN_SANDY PD 24062	42.17 1.22 0.00	40.54 1.10 0.00	40.36 1.16 0.00	39.73 1.22 0.00	39.98 1.12 0.00	41.56 1.07 0.00	42.45 1.15 -1.31	42.10 1.34 -1.18	43.25 1.28 0.52	45.51 1.51 0.61	44.22 1.55 0.00	65.88 2.19 4.00	68.54 2.28 0.00	88.68 2.99 -2.26	191.03 7.00 6.09	186.99 8.04 -3.50	205.59 8.31 -19.48	522.93 20.58 -104.72	413.02 15.09 -124.26	215.26 10.31 0.57	227.96 12.47 46.26	67.81 3.37 16.30	57.84 2.62 -1.23	53.41 2.18 0.24
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.18 1.23 0.00	40.57 1.13 0.00	40.30 1.10 0.00	39.75 1.24 0.00	39.96 1.10 0.00	41.37 0.88 0.00	41.06 1.08 0.00	40.99 1.41 0.00	44.11 1.62 0.00	46.83 2.23 0.00	45.24 2.57 0.00	71.60 3.91 0.00	70.29 4.02 0.00	80.37 5.52 8.59	202.95 12.83 0.00	175.20 13.06 13.31	117.82 14.09 74.06	297.62 31.25 131.26	375.54 20.67 -81.21	219.76 14.25 0.00	278.28 16.53 0.00	85.77 5.04 0.00	57.55 3.55 0.00	54.10 2.63 0.00
N.QUEENS_27_KV_LOAD 356247	42.54 1.59 0.00	40.91 1.47 0.00	40.72 1.51 0.00	40.23 1.72 0.00	40.40 1.53 0.00	41.74 1.25 0.00	41.59 1.61 0.00	41.47 1.89 0.00	44.70 2.21 0.00	47.47 2.86 0.00	45.74 3.08 0.01	72.32 4.63 0.00	71.02 4.77 0.01	96.34 6.53 -6.37	205.13 15.01 0.00	200.60 15.26 -9.88	249.38 16.60 -55.00	541.21 36.61 -106.97	382.76 23.95 -85.15	222.11 16.60 0.00	281.39 19.63 0.00	86.79 6.05 -0.01	58.26 4.27 0.00	54.64 3.17 0.01
N.TROY____115KV_TB1 355778	42.57 1.62 0.00	40.92 1.48 0.00	40.74 1.54 0.00	40.08 1.57 0.00	40.36 1.50 0.00	42.04 1.55 0.00	41.52 1.54 0.00	41.20 1.62 0.00	44.05 1.55 0.00	46.30 1.69 0.00	44.31 1.63 0.00	70.07 2.38 0.00	68.75 2.48 0.00	88.02 3.10 -1.49	197.27 7.15 0.00	185.85 8.09 -2.31	198.55 7.93 -12.83	457.53 20.49 -39.41	530.43 15.22 -241.55	216.36 10.85 0.00	275.38 13.63 0.00	84.48 3.75 0.00	56.77 2.77 0.00	53.95 2.48 0.00
NARROWS_GT1_1 24228	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.73 14.61 0.00	195.63 14.78 -5.39	249.42 16.63 -55.00	541.31 36.71 -106.97	382.70 23.89 -85.15	219.37 16.31 2.45	277.90 19.33 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
NARROWS_GT1_2 24229	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.73 14.61 0.00	195.63 14.78 -5.39	249.42 16.63 -55.00	541.31 36.71 -106.97	382.70 23.89 -85.15	219.37 16.31 2.45	277.90 19.33 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
NARROWS_GT1_3 24230	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.73 14.61 0.00	195.63 14.78 -5.39	249.42 16.63 -55.00	541.31 36.71 -106.97	382.70 23.89 -85.15	219.37 16.31 2.45	277.90 19.33 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
NARROWS_GT1_4 24231	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.73 14.61 0.00	195.63 14.78 -5.39	249.42 16.63 -55.00	541.31 36.71 -106.97	382.70 23.89 -85.15	219.37 16.31 2.45	277.90 19.33 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
NARROWS_GT1_5 24232	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.73 14.61 0.00	195.63 14.78 -5.39	249.42 16.63 -55.00	541.31 36.71 -106.97	382.70 23.89 -85.15	219.37 16.31 2.45	277.90 19.33 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
NARROWS_GT1_6 24233	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.73 14.61 0.00	195.63 14.78 -5.39	249.42 16.63 -55.00	541.31 36.71 -106.97	382.70 23.89 -85.15	219.37 16.31 2.45	277.90 19.33 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
NARROWS_GT1_7 24234	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.73 14.61 0.00	195.63 14.78 -5.39	249.42 16.63 -55.00	541.31 36.71 -106.97	382.70 23.89 -85.15	219.37 16.31 2.45	277.90 19.33 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
NARROWS_GT1_8 24235	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.73 14.61 0.00	195.63 14.78 -5.39	249.42 16.63 -55.00	541.31 36.71 -106.97	382.70 23.89 -85.15	219.37 16.31 2.45	277.90 19.33 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
NARROWS_GT2_1 24236	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.73 14.61 0.00	195.63 14.78 -5.39	249.42 16.63 -55.00	541.31 36.71 -106.97	382.70 23.89 -85.15	219.37 16.31 2.45	277.90 19.33 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
NARROWS_GT2_2 24237	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.73 14.61 0.00	195.63 14.78 -5.39	249.42 16.63 -55.00	541.31 36.71 -106.97	382.70 23.89 -85.15	219.37 16.31 2.45	277.90 19.33 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
NARROWS_GT2_3 24238	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.73 14.61 0.00	195.63 14.78 -5.39	249.42 16.63 -55.00	541.31 36.71 -106.97	382.70 23.89 -85.15	219.37 16.31 2.45	277.90 19.33 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72

NARROWS_GT2_4 24239	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.73 14.61 0.00	195.63 14.78 -5.39	249.42 16.63 -55.00	541.31 36.71 -106.97	382.70 23.89 -85.15	219.37 16.31 2.45	277.90 19.33 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
NARROWS_GT2_5 24240	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.73 14.61 0.00	195.63 14.78 -5.39	249.42 16.63 -55.00	541.31 36.71 -106.97	382.70 23.89 -85.15	219.37 16.31 2.45	277.90 19.33 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
NARROWS_GT2_6 24241	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.73 14.61 0.00	195.63 14.78 -5.39	249.42 16.63 -55.00	541.31 36.71 -106.97	382.70 23.89 -85.15	219.37 16.31 2.45	277.90 19.33 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
NARROWS_GT2_7 24242	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.73 14.61 0.00	195.63 14.78 -5.39	249.42 16.63 -55.00	541.31 36.71 -106.97	382.70 23.89 -85.15	219.37 16.31 2.45	277.90 19.33 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
NARROWS_GT2_8 24243	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.70 4.98 -3.03	85.40 4.89 -14.24	96.58 6.75 -6.39	204.73 14.61 0.00	195.63 14.78 -5.39	249.42 16.63 -55.00	541.31 36.71 -106.97	382.70 23.89 -85.15	219.37 16.31 2.45	277.90 19.33 3.18	97.67 6.07 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.96 2.02 0.00	41.24 1.81 0.00	41.03 1.83 0.00	40.31 1.80 0.00	40.59 1.73 0.00	42.36 1.87 0.00	41.85 1.87 0.00	41.47 1.89 0.00	44.35 1.86 0.00	46.43 1.83 0.00	44.00 1.33 0.00	69.45 1.76 0.00	68.14 1.87 0.00	86.79 2.33 -1.03	196.55 6.43 0.00	184.75 7.70 -1.59	194.90 8.25 -8.86	445.23 21.57 -26.03	439.10 16.84 -148.60	218.89 13.37 0.00	278.55 16.80 0.00	85.26 4.52 0.00	57.19 3.19 0.00	54.44 2.96 0.00
NCHELSEA_115KV_TR2 355582	42.63 1.68 0.00	40.98 1.54 0.00	40.72 1.52 0.00	40.14 1.63 0.00	40.35 1.48 0.00	41.82 1.33 0.00	41.53 1.55 0.00	41.56 1.99 0.00	44.69 2.20 0.00	47.42 2.81 0.00	45.74 3.07 0.00	72.44 4.76 0.00	70.94 4.68 0.00	89.60 6.16 0.00	204.47 14.35 0.00	190.12 14.67 0.00	193.77 15.99 0.00	439.10 35.84 -5.63	384.32 24.29 -86.37	222.55 17.03 0.00	280.48 18.73 0.00	86.25 5.52 0.00	57.94 3.95 0.00	54.65 3.17 0.00
NEG CAPITAL___MECHNVIL 23645	43.35 2.41 0.00	41.61 2.18 0.00	41.35 2.15 0.00	40.66 2.15 0.00	40.97 2.11 0.00	42.70 2.21 0.00	42.23 2.25 0.00	41.92 2.34 0.00	44.88 2.39 0.00	47.21 2.60 0.00	45.24 2.57 0.00	71.70 4.01 0.00	70.45 4.18 0.00	90.21 5.33 -1.44	202.29 12.17 0.00	190.35 12.67 -2.23	202.85 12.64 -12.42	468.61 30.96 -40.02	558.56 22.14 -262.76	221.55 16.04 0.00	281.83 20.08 0.00	86.48 5.74 0.00	57.94 3.94 0.00	54.98 3.51 0.00
NEG CENTRAL_HIGH_ACRES 23767	41.37 0.42 0.00	39.52 0.08 0.00	38.96 -0.24 0.00	38.07 -0.45 0.00	38.46 -0.40 0.00	40.27 -0.22 0.00	39.91 -0.07 0.00	39.49 -0.09 0.00	42.77 0.27 0.00	45.77 1.16 0.00	44.16 1.49 0.00	70.35 2.66 0.00	68.68 2.41 0.00	86.24 2.80 0.00	196.18 6.06 0.00	179.64 4.18 0.00	182.03 4.25 0.00	405.69 7.47 -0.59	287.95 5.22 -9.07	211.34 5.83 0.00	270.86 9.11 0.00	83.30 2.57 0.00	55.29 1.30 0.00	52.05 0.58 0.00
NEG CENTRAL___DRP 24199	41.94 0.99 0.00	40.25 0.81 0.00	39.77 0.57 0.00	39.01 0.49 0.00	39.41 0.54 0.00	41.14 0.65 0.00	40.73 0.75 0.00	40.31 0.73 0.00	43.50 1.01 0.00	46.19 1.58 0.00	44.41 1.74 0.00	70.44 2.75 0.00	68.93 2.66 0.00	86.83 3.39 0.00	198.31 8.19 0.00	181.87 6.42 0.00	184.50 6.72 0.00	411.63 13.34 -0.66	292.62 8.84 -10.12	215.47 8.66 -1.29	274.36 11.80 -0.81	84.05 3.31 0.00	55.95 1.95 0.00	52.84 1.37 0.00
NEG CENTRAL___INDECK 23768	42.45 1.50 0.00	40.43 0.99 0.00	39.83 0.63 0.00	38.85 0.33 0.00	39.27 0.41 0.00	41.11 0.62 0.00	40.75 0.77 0.00	40.38 0.80 0.00	43.59 1.10 0.00	46.41 1.80 0.00	44.60 1.93 0.00	71.08 3.39 0.00	68.82 2.55 0.00	83.73 0.30 0.00	188.98 -1.14 0.00	172.83 -2.62 0.00	174.76 -3.03 0.00	389.21 -9.34 -0.91	283.71 -3.89 -13.94	207.24 1.73 0.00	267.42 5.67 0.00	85.22 4.49 0.00	56.65 2.65 0.00	53.36 1.88 0.00
NEG CENTRAL___SENECA 23627	42.09 1.14 0.00	40.34 0.90 0.00	39.83 0.63 0.00	39.03 0.51 0.00	39.44 0.58 0.00	41.21 0.72 0.00	40.84 0.85 0.00	40.43 0.85 0.00	43.73 1.23 0.00	46.60 2.00 0.00	44.80 2.12 0.00	71.10 3.41 0.00	69.55 3.29 0.00	87.58 4.15 0.00	199.91 9.79 0.00	182.90 7.44 0.00	185.64 7.86 0.00	414.80 16.42 -0.74	296.06 10.99 -11.41	215.76 10.25 0.00	276.11 14.36 0.00	84.57 3.84 0.00	56.28 2.28 0.00	53.13 1.66 0.00
NEG CENTRAL___STATE_STREET 24147	42.35 1.41 0.00	40.81 1.37 0.00	40.26 1.06 0.00	39.60 1.08 0.00	40.05 1.19 0.00	41.65 1.16 0.00	41.27 1.29 0.00	40.85 1.27 0.00	43.94 1.45 0.00	46.42 1.81 0.00	44.69 2.02 0.00	70.59 2.90 0.00	69.14 2.87 0.00	87.20 3.76 0.00	199.36 9.24 0.00	183.30 7.85 0.00	186.00 8.22 0.00	415.10 16.82 -0.65	294.77 11.17 -9.94	217.86 10.92 -1.42	276.75 14.11 -0.89	84.94 4.20 0.00	56.49 2.49 0.00	53.24 1.77 0.00
NEG MILLWOOD___DRP 24198	42.85 1.91 0.00	41.18 1.75 0.00	40.92 1.72 0.00	40.34 1.83 0.00	40.55 1.69 0.00	42.02 1.53 0.00	41.74 1.77 0.00	41.73 2.15 0.00	44.88 2.38 0.00	47.62 3.01 0.00	45.96 3.29 0.00	72.81 5.12 0.00	71.47 5.21 0.00	92.77 7.02 -2.31	206.54 16.42 0.00	195.61 16.57 -3.59	215.59 17.86 -19.94	480.24 40.17 -42.44	387.58 26.94 -86.97	224.46 18.94 0.00	283.57 21.82 0.00	87.11 6.38 0.00	58.44 4.44 0.00	54.99 3.52 0.00
NEG NORTH_FLCN_SEA 23793	40.01 -0.94 0.00	38.70 -0.74 0.00	38.86 -0.34 0.00	38.16 -0.35 0.00	38.54 -0.32 0.00	40.17 -0.32 0.00	39.75 -0.23 0.00	39.31 -0.27 0.00	42.05 -0.44 0.00	43.73 -0.88 0.00	41.44 -1.23 0.00	65.88 -1.81 0.00	64.51 -1.76 0.00	81.27 -2.17 0.00	185.15 -4.98 0.00	170.55 -4.90 0.00	172.54 -5.25 0.00	388.23 -9.40 0.00	269.20 -4.46 0.00	193.69 -4.67 7.15	250.29 -6.99 4.47	78.04 -2.70 0.00	52.16 -1.84 0.00	49.74 -1.73 0.00

NEG NORTH_KES_CHATEGAY 23792	40.00 -0.95 0.00	38.63 -0.80 0.00	38.66 -0.54 0.00	37.94 -0.58 0.00	38.35 -0.51 0.00	39.99 -0.49 0.00	39.61 -0.37 0.00	39.22 -0.36 0.00	42.03 -0.46 0.00	43.66 -0.95 0.00	41.39 -1.28 0.00	65.85 -1.84 0.00	64.39 -1.88 0.00	81.02 -2.41 0.00	184.26 -5.86 0.00	169.53 -5.92 0.00	171.85 -5.94 0.00	386.33 -11.31 0.00	267.83 -5.83 0.00	191.35 -5.58 8.59	248.47 -7.91 5.37	77.95 -2.79 0.00	52.01 -1.99 0.00	49.68 -1.79 0.00
NEG NORTH___ALICE_FALLS 23915	40.35 -0.60 0.00	38.95 -0.49 0.00	39.05 -0.15 0.00	38.33 -0.18 0.00	38.72 -0.14 0.00	40.39 -0.10 0.00	40.02 0.04 0.00	39.62 0.04 0.00	42.41 -0.08 0.00	44.10 -0.51 0.00	41.80 -0.87 0.00	66.49 -1.20 0.00	65.10 -1.16 0.00	82.00 -1.44 0.00	186.89 -3.24 0.00	172.08 -3.37 0.00	174.00 -3.79 0.00	391.83 -5.81 0.00	271.90 -1.77 0.00	195.61 -2.52 7.38	253.27 -3.87 4.61	78.95 -1.78 0.00	52.68 -1.32 0.00	50.20 -1.27 0.00
NEG NORTH___LWR_SARANAC 23913	40.35 -0.60 0.00	38.95 -0.49 0.00	39.05 -0.15 0.00	38.33 -0.18 0.00	38.72 -0.14 0.00	40.39 -0.10 0.00	40.02 0.04 0.00	39.62 0.04 0.00	42.41 -0.08 0.00	44.10 -0.51 0.00	41.80 -0.87 0.00	66.49 -1.20 0.00	65.10 -1.16 0.00	82.00 -1.44 0.00	186.89 -3.24 0.00	172.08 -3.37 0.00	174.00 -3.79 0.00	391.83 -5.81 0.00	271.90 -1.77 0.00	195.61 -2.52 7.38	253.27 -3.87 4.61	78.95 -1.78 0.00	52.68 -1.32 0.00	50.20 -1.27 0.00
NEG NORTH___PLATTSBURG 23628	40.35 -0.60 0.00	38.96 -0.48 0.00	39.05 -0.15 0.00	38.33 -0.18 0.00	38.72 -0.14 0.00	40.38 -0.11 0.00	40.02 0.04 0.00	39.62 0.04 0.00	42.41 -0.08 0.00	44.10 -0.51 0.00	41.80 -0.87 0.00	66.49 -1.20 0.00	65.10 -1.17 0.00	82.00 -1.44 0.00	186.88 -3.23 0.00	172.08 -3.38 0.00	174.00 -3.79 0.00	391.81 -5.83 0.00	271.88 -1.79 0.00	195.62 -2.51 7.38	253.24 -3.90 4.61	78.95 -1.78 0.00	52.68 -1.32 0.00	50.20 -1.27 0.00
NEG WEST_LEA_LOCKPORT 23791	41.24 0.30 0.00	39.13 -0.31 0.00	38.40 -0.80 0.00	37.29 -1.22 0.00	37.76 -1.11 0.00	39.63 -0.86 0.00	39.20 -0.78 0.00	38.78 -0.80 0.00	42.35 -0.15 0.00	45.93 1.33 0.00	44.40 1.72 0.00	70.58 2.89 0.00	68.27 2.01 0.00	85.07 1.64 0.00	192.11 1.99 0.00	174.01 -1.45 0.00	176.11 -1.68 0.00	392.10 -7.75 -2.22	280.52 -5.09 -11.95	204.98 -0.53 0.00	266.34 4.59 0.00	82.14 1.40 0.00	54.63 0.63 0.00	51.40 -0.07 0.00
NEG WEST___LANCASTR 23811	41.63 0.69 0.00	39.66 0.22 0.00	38.96 -0.24 0.00	37.94 -0.58 0.00	38.43 -0.44 0.00	40.23 -0.26 0.00	39.88 -0.11 0.00	39.51 -0.07 0.00	43.13 0.64 0.00	46.65 2.04 0.00	44.95 2.28 0.00	71.49 3.80 0.00	69.43 3.16 0.00	86.85 3.41 0.00	196.89 6.77 0.00	178.67 3.21 0.00	180.70 2.91 0.00	402.00 2.44 -1.93	288.67 0.70 -14.31	208.11 2.60 0.00	270.17 8.42 0.00	82.84 2.11 0.00	55.08 1.08 0.00	51.94 0.47 0.00
NEG_PENN_ALLEGHNY 23528	41.76 0.81 0.00	40.15 0.71 0.00	39.80 0.60 0.00	39.06 0.55 0.00	39.45 0.59 0.00	41.13 0.64 0.00	40.62 0.64 0.00	40.25 0.67 0.00	43.45 0.96 0.00	46.14 1.53 0.00	44.23 1.56 0.00	70.08 2.39 0.00	68.65 2.39 0.00	86.56 3.12 0.00	197.47 7.35 0.00	181.24 5.79 0.00	183.77 5.98 0.00	411.72 12.24 -1.84	309.43 7.47 -28.30	212.27 6.75 0.00	271.43 9.69 0.00	83.43 2.70 0.00	55.75 1.75 0.00	52.91 1.44 0.00
NEG___GEN_MONROE 24207	42.43 1.48 0.00	40.34 0.90 0.00	39.73 0.53 0.00	38.74 0.22 0.00	39.18 0.32 0.00	41.09 0.59 0.00	48.02 0.81 -7.23	40.35 0.77 0.00	43.73 1.24 0.00	47.04 2.43 0.00	45.37 2.70 0.00	72.27 4.58 0.00	70.39 4.12 0.00	88.04 4.60 0.00	199.86 9.74 0.00	182.13 6.68 0.00	184.26 6.48 0.00	410.53 12.28 -0.62	292.15 9.04 -9.45	214.88 9.37 0.00	276.78 15.03 0.00	85.18 4.44 0.00	56.50 2.50 0.00	53.02 1.55 0.00
NEPA___ENERGY 23901	41.58 0.64 0.00	39.78 0.34 0.00	39.02 -0.18 0.00	38.11 -0.40 0.00	38.59 -0.27 0.00	40.38 -0.10 0.00	39.99 0.01 0.00	39.71 0.13 0.00	43.39 0.90 0.00	46.88 2.27 0.00	45.12 2.45 0.00	71.53 3.84 0.00	69.65 3.39 0.00	87.33 3.89 0.00	198.47 8.35 0.00	179.50 4.05 0.00	181.24 3.45 0.00	403.77 4.56 -1.58	289.62 1.48 -14.48	209.14 3.62 0.00	270.98 9.23 0.00	82.86 2.12 0.00	55.25 1.25 0.00	52.42 0.94 0.00
NEVERSINK___HYD 23608	41.99 1.04 0.00	40.37 0.93 0.00	40.10 0.90 0.00	39.51 1.00 0.00	39.75 0.89 0.00	41.22 0.74 0.00	40.91 0.93 0.00	41.08 1.50 0.00	44.13 1.64 0.00	46.59 1.98 0.00	43.72 1.04 0.00	69.49 1.80 0.00	68.18 1.92 0.00	85.36 2.99 1.06	197.60 7.48 0.00	182.00 8.19 1.65	178.33 9.69 9.15	408.44 22.59 11.78	367.30 15.46 -78.17	216.24 10.73 0.00	270.88 9.13 0.00	83.60 2.86 0.00	57.19 3.20 0.00	53.90 2.43 0.00
NEWKRMKL_115KV_TB1 55635	41.74 0.79 0.00	40.15 0.71 0.00	39.99 0.78 0.00	39.34 0.82 0.00	39.61 0.74 0.00	41.20 0.72 0.00	40.67 0.69 0.00	40.38 0.80 0.00	43.23 0.74 0.00	45.50 0.89 0.00	43.51 0.84 0.00	68.81 1.11 0.00	67.50 1.23 0.00	86.43 1.54 -1.45	193.93 3.81 0.00	182.56 4.85 -2.26	195.32 4.99 -12.55	446.47 12.68 -36.16	482.89 9.48 -199.75	212.06 6.55 0.00	269.84 8.09 0.00	82.89 2.16 0.00	55.71 1.71 0.00	52.97 1.50 0.00
NEWTON___FALLS_HYD 23847	40.08 -0.86 0.00	38.64 -0.80 0.00	38.29 -0.91 0.00	37.64 -0.87 0.00	38.22 -0.64 0.00	40.00 -0.48 0.00	39.69 -0.29 0.00	39.22 -0.36 0.00	42.06 -0.44 0.00	43.87 -0.74 0.00	41.44 -1.24 0.00	65.79 -1.90 0.00	64.40 -1.87 0.00	80.92 -2.52 0.00	183.27 -6.85 0.00	168.43 -7.02 0.00	170.33 -7.46 0.00	384.68 -12.95 0.00	266.41 -7.25 0.00	225.13 -4.22 -23.83	264.35 -3.40 -6.00	80.06 -0.68 0.00	52.78 -1.22 0.00	49.86 -1.62 0.00
NGRID_A1_DSASP 323792	40.88 -0.06 0.00	38.79 -0.65 0.00	38.08 -1.12 0.00	36.98 -1.53 0.00	37.45 -1.41 0.00	39.31 -1.18 0.00	38.86 -1.12 0.00	38.39 -1.19 0.00	41.88 -0.62 0.00	45.42 0.81 0.00	43.73 1.06 0.00	69.45 1.77 0.00	66.97 0.71 0.00	83.32 -0.11 0.00	188.03 -2.09 0.00	170.33 -5.11 0.02	172.52 -5.26 0.01	376.50 -16.00 5.13	275.16 -10.65 -12.16	201.19 -4.32 0.00	261.74 -0.01 0.00	80.85 0.11 0.00	53.95 -0.05 0.00	50.92 -0.55 0.00
NGRID_A2_DSASP 323793	40.88 -0.06 0.00	38.79 -0.65 0.00	38.08 -1.12 0.00	36.98 -1.53 0.00	37.45 -1.41 0.00	39.31 -1.18 0.00	38.86 -1.12 0.00	38.39 -1.19 0.00	41.88 -0.62 0.00	45.42 0.81 0.00	43.73 1.06 0.00	69.45 1.77 0.00	66.97 0.71 0.00	83.32 -0.11 0.00	188.03 -2.09 0.00	170.33 -5.11 0.02	172.52 -5.26 0.01	376.50 -16.00 5.13	275.16 -10.65 -12.16	201.19 -4.32 0.00	261.74 -0.01 0.00	80.85 0.11 0.00	53.95 -0.05 0.00	50.92 -0.55 0.00
NGRID_A4_DSASP 323807	40.89 -0.05 0.00	38.80 -0.64 0.00	38.08 -1.12 0.00	36.98 -1.53 0.00	37.45 -1.41 0.00	39.31 -1.18 0.00	38.88 -1.10 0.00	38.39 -1.19 0.00	41.88 -0.62 0.00	45.42 0.81 0.00	43.72 1.05 0.00	69.45 1.76 0.00	66.97 0.71 0.00	83.30 -0.13 0.00	188.04 -2.08 0.00	170.42 -5.02 0.02	172.54 -5.24 0.01	376.50 -16.01 5.13	274.97 -10.84 -12.16	201.22 -4.30 0.00	261.73 -0.02 0.00	80.83 0.10 0.00	53.95 -0.05 0.00	50.92 -0.55 0.00

NIAGARA_115E_LBMP 323715	40.91 -0.04 0.00	38.82 -0.62 0.00	38.09 -1.11 0.00	37.00 -1.52 0.00	37.47 -1.40 0.00	39.33 -1.16 0.00	38.87 -1.11 0.00	38.42 -1.16 0.00	41.92 -0.58 0.00	45.48 0.88 0.00	43.97 1.29 0.00	69.94 2.25 0.00	67.56 1.29 0.00	84.13 0.69 0.00	189.93 -0.19 0.00	172.05 -3.40 0.00	174.26 -3.53 0.00	386.90 -12.26 -1.52	277.95 -7.94 -12.23	202.79 -2.72 0.00	263.72 1.97 0.00	81.46 0.73 0.00	54.17 0.17 0.00	50.98 -0.49 0.00
NIAGARA_115W_LBMP 323714	40.79 -0.16 0.00	38.70 -0.74 0.00	38.00 -1.20 0.00	36.91 -1.61 0.00	37.37 -1.50 0.00	39.22 -1.27 0.00	38.77 -1.21 0.00	38.29 -1.29 0.00	41.77 -0.72 0.00	45.32 0.71 0.00	43.60 0.93 0.00	69.24 1.55 0.00	66.78 0.51 0.00	83.09 -0.35 0.00	187.46 -2.66 0.00	169.82 -5.62 0.01	172.01 -5.77 0.01	375.90 -17.15 4.58	274.35 -11.44 -12.13	200.65 -4.86 0.00	261.05 -0.70 0.00	80.63 -0.11 0.00	53.83 -0.16 0.00	50.82 -0.66 0.00
NIAGARA_230_LBMP 323716	40.97 0.03 0.00	38.90 -0.54 0.00	38.20 -1.00 0.00	37.13 -1.38 0.00	37.59 -1.27 0.00	39.44 -1.05 0.00	39.00 -0.98 0.00	38.55 -1.03 0.00	42.05 -0.45 0.00	45.58 0.97 0.00	43.98 1.31 0.00	69.94 2.26 0.00	67.63 1.37 0.00	84.26 0.82 0.00	190.39 0.27 0.00	172.50 -2.95 0.00	174.73 -3.06 0.00	386.59 -11.11 -0.07	278.46 -7.16 -11.97	203.43 -2.09 0.00	264.33 2.58 0.00	81.60 0.86 0.00	54.29 0.29 0.00	51.13 -0.34 0.00
NIAGARA__115KV_198_GIBSON 55903	40.80 -0.15 0.00	38.71 -0.73 0.00	38.00 -1.20 0.00	36.91 -1.61 0.00	37.37 -1.50 0.00	39.23 -1.26 0.00	38.80 -1.18 0.00	38.29 -1.29 0.00	41.78 -0.72 0.00	45.32 0.71 0.00	43.60 0.93 0.00	69.25 1.56 0.00	66.78 0.51 0.00	83.07 -0.37 0.00	187.47 -2.65 0.00	169.89 -5.54 0.01	172.02 -5.76 0.01	375.98 -17.07 4.58	274.16 -11.64 -12.14	200.65 -4.86 0.00	261.05 -0.69 0.00	80.61 -0.12 0.00	53.83 -0.16 0.00	50.82 -0.66 0.00
NIAGARA____ 23760	40.97 0.03 0.00	38.90 -0.54 0.00	38.20 -1.00 0.00	37.13 -1.38 0.00	37.59 -1.27 0.00	39.44 -1.05 0.00	39.00 -0.98 0.00	38.55 -1.03 0.00	42.05 -0.45 0.00	45.58 0.97 0.00	43.98 1.31 0.00	69.94 2.26 0.00	67.63 1.37 0.00	84.26 0.82 0.00	190.39 0.27 0.00	172.50 -2.95 0.01	174.73 -3.06 0.00	385.75 -11.11 0.77	278.56 -7.16 -12.06	203.43 -2.09 0.00	264.33 2.58 0.00	81.60 0.86 0.00	54.29 0.29 0.00	51.13 -0.34 0.00
NINE_MILE_1 23575	40.54 -0.41 0.00	39.03 -0.41 0.00	38.71 -0.49 0.00	37.99 -0.53 0.00	38.36 -0.51 0.00	40.02 -0.47 0.00	39.47 -0.51 0.00	38.95 -0.63 0.00	41.87 -0.62 0.00	44.17 -0.44 0.00	42.39 -0.28 0.00	67.21 -0.48 0.00	65.80 -0.47 0.00	82.84 -0.59 0.00	188.90 -1.22 0.00	173.96 -1.50 0.00	176.27 -1.51 0.00	392.89 -4.74 0.00	269.75 -3.92 0.00	203.69 -1.83 0.00	259.65 -2.10 0.00	80.16 -0.57 0.00	53.54 -0.46 0.00	50.81 -0.66 0.00
NINE_MILE_2 23744	40.54 -0.41 0.00	39.03 -0.41 0.00	38.72 -0.49 0.00	38.00 -0.51 0.00	38.36 -0.51 0.00	40.03 -0.46 0.00	39.48 -0.50 0.00	38.95 -0.63 0.00	41.88 -0.62 0.00	44.18 -0.43 0.00	42.39 -0.28 0.00	67.21 -0.48 0.00	65.80 -0.47 0.00	82.84 -0.59 0.00	188.92 -1.20 0.00	173.98 -1.48 0.00	176.27 -1.51 0.00	392.95 -4.69 0.00	269.79 -3.88 0.00	203.72 -1.79 0.00	259.67 -2.08 0.00	80.18 -0.56 0.00	53.54 -0.46 0.00	50.81 -0.66 0.00
NM_CAPITAL____DRP 24208	41.82 0.87 0.00	40.22 0.78 0.00	40.06 0.86 0.00	39.41 0.90 0.00	39.69 0.83 0.00	41.28 0.80 0.00	40.76 0.78 0.00	40.46 0.88 0.00	43.29 0.79 0.00	45.55 0.94 0.00	43.57 0.90 0.00	68.85 1.16 0.00	67.55 1.28 0.00	86.51 1.60 -1.48	194.02 3.90 0.00	182.77 5.02 -2.29	195.62 5.08 -12.75	447.23 13.19 -36.40	481.27 9.88 -197.73	212.35 6.84 0.00	270.23 8.48 0.00	82.99 2.25 0.00	55.80 1.81 0.00	53.06 1.58 0.00
NM_CENTRAL____DRP 24181	41.32 0.37 0.00	39.74 0.30 0.00	39.40 0.20 0.00	38.64 0.13 0.00	39.01 0.15 0.00	40.71 0.22 0.00	40.21 0.23 0.00	39.71 0.13 0.00	42.75 0.25 0.00	45.21 0.60 0.00	43.43 0.75 0.00	68.92 1.23 0.00	67.52 1.26 0.00	85.10 1.66 0.00	194.40 4.28 0.00	178.91 3.46 0.00	181.27 3.48 0.00	403.63 6.00 0.00	277.02 3.36 0.00	211.33 3.75 -2.07	268.02 4.97 -1.29	82.23 1.50 0.00	54.85 0.85 0.00	51.96 0.49 0.00
NM_FRONTIER____DRP 24179	40.80 -0.15 0.00	38.71 -0.73 0.00	38.00 -1.20 0.00	36.91 -1.61 0.00	37.37 -1.50 0.00	39.23 -1.26 0.00	38.80 -1.18 0.00	38.29 -1.29 0.00	41.78 -0.72 0.00	45.32 0.71 0.00	43.60 0.93 0.00	69.25 1.56 0.00	66.78 0.51 0.00	83.07 -0.37 0.00	187.47 -2.65 0.00	169.89 -5.54 0.01	172.02 -5.76 0.01	375.98 -17.07 4.58	274.16 -11.64 -12.14	200.65 -4.86 0.00	261.05 -0.69 0.00	80.61 -0.12 0.00	53.83 -0.16 0.00	50.82 -0.66 0.00
NM_ST_REGIS____HYD 24053	39.28 -1.67 0.00	37.93 -1.51 0.00	37.80 -1.40 0.00	37.07 -1.44 0.00	37.53 -1.33 0.00	39.23 -1.26 0.00	38.88 -1.10 0.00	38.47 -1.11 0.00	41.25 -1.24 0.00	42.77 -1.84 0.00	40.21 -2.46 0.00	63.98 -3.71 0.00	62.55 -3.72 0.00	78.59 -4.85 0.00	178.16 -11.96 0.00	164.03 -11.42 0.00	165.61 -12.17 0.00	373.96 -23.68 0.00	259.22 -14.44 0.00	172.36 -11.38 21.77	235.34 -12.79 13.61	77.43 -3.31 0.00	51.33 -2.67 0.00	48.93 -2.54 0.00
NORTHPORT____1 23551	42.48 1.55 0.02	41.16 1.72 0.00	41.18 1.98 0.00	40.81 2.29 0.00	40.84 1.98 0.00	41.60 1.11 0.00	41.37 1.39 0.00	41.34 1.76 0.00	41.13 1.30 2.67	40.36 1.78 6.03	42.93 2.42 2.17	62.31 3.54 8.91	37.77 3.69 32.19	63.40 5.21 25.26	169.48 12.15 32.80	113.44 12.67 74.69	169.98 13.60 21.41	427.34 30.00 0.30	341.70 18.66 -49.37	184.63 12.41 33.29	271.40 13.09 3.45	74.85 4.50 10.38	53.81 3.45 3.64	53.76 2.54 0.26
NORTHPORT____2 23552	42.48 1.55 0.02	41.16 1.72 0.00	41.18 1.98 0.00	40.81 2.29 0.00	40.84 1.98 0.00	41.60 1.11 0.00	41.37 1.39 0.00	41.34 1.76 0.00	41.13 1.30 2.67	40.36 1.78 6.03	42.93 2.42 2.17	62.31 3.54 8.91	37.77 3.69 32.19	56.79 5.21 31.87	169.48 12.15 32.80	113.44 12.67 74.69	169.98 13.60 21.41	427.34 30.00 0.30	341.70 18.66 -49.37	183.51 12.41 34.40	248.03 13.09 26.81	38.00 4.50 47.23	36.28 3.45 21.17	45.16 2.54 8.85
NORTHPORT____3 23553	42.48 1.55 0.02	41.09 1.65 0.00	41.12 1.92 0.00	40.73 2.22 0.00	40.74 1.88 0.00	41.55 1.06 0.00	41.29 1.31 0.00	41.20 1.62 0.00	41.00 1.18 2.67	40.25 1.68 6.04	42.87 2.36 2.17	62.35 3.58 8.92	37.71 3.72 32.28	56.81 5.25 31.87	169.72 12.40 32.80	113.77 13.01 74.69	170.64 14.26 21.40	428.72 31.38 0.29	342.83 19.79 -49.38	183.97 12.86 34.40	248.32 13.39 26.82	37.94 4.44 47.24	36.01 3.24 21.23	45.00 2.37 8.84
NORTHPORT____4 23650	42.48 1.55 0.02	41.09 1.65 0.00	41.12 1.92 0.00	40.73 2.22 0.00	40.74 1.88 0.00	41.55 1.06 0.00	41.29 1.31 0.00	41.20 1.62 0.00	41.00 1.18 2.67	40.25 1.68 6.04	42.87 2.36 2.17	62.35 3.58 8.92	37.71 3.72 32.28	56.81 5.25 31.87	169.72 12.40 32.80	113.77 13.01 74.69	170.64 14.26 21.40	428.72 31.38 0.29	342.83 19.79 -49.38	183.97 12.86 34.40	248.32 13.39 26.82	37.94 4.44 47.24	36.01 3.24 21.23	45.00 2.37 8.84

NORTHPORT___IC 23718	42.48 1.55 0.02	41.16 1.72 0.00	41.18 1.98 0.00	40.81 2.29 0.00	40.84 1.98 0.00	41.60 1.11 0.00	41.37 1.39 0.00	41.34 1.76 0.00	41.13 1.30 2.67	40.36 1.78 6.03	42.93 2.42 2.17	62.31 3.54 8.91	37.77 3.69 32.19	56.79 5.21 31.87	169.48 12.15 32.80	113.44 12.67 74.69	169.98 13.60 21.41	427.34 30.00 0.30	341.70 18.66 -49.37	183.51 12.41 34.40	248.03 13.09 26.81	38.00 4.50 47.23	36.28 3.45 21.17	45.16 2.54 8.85
NORTH___COUNTRY_ESR 323785	39.86 -1.09 0.00	38.51 -0.93 0.00	38.54 -0.66 0.00	37.82 -0.70 0.00	38.21 -0.65 0.00	39.86 -0.64 0.00	39.48 -0.50 0.00	39.07 -0.51 0.00	41.89 -0.60 0.00	43.54 -1.07 0.00	41.29 -1.38 0.00	65.67 -2.02 0.00	64.23 -2.04 0.00	80.84 -2.60 0.00	183.78 -6.34 0.00	169.11 -6.34 0.00	171.27 -6.52 0.00	385.05 -12.59 0.00	266.86 -6.80 0.00	190.46 -6.44 8.62	247.17 -9.20 5.39	77.56 -3.17 0.00	51.78 -2.22 0.00	49.50 -1.98 0.00
NPX_GEN_1385_PROXY 323591	39.79 0.89 2.05	40.67 1.23 0.00	40.45 1.24 0.00	39.91 1.40 0.00	40.20 1.34 0.00	41.78 0.77 -0.52	40.99 1.01 0.00	41.13 1.55 0.00	40.66 0.83 2.67	39.88 1.30 6.03	42.49 1.99 2.17	62.10 3.33 8.91	37.66 3.58 32.19	62.73 5.76 26.46	172.16 14.83 32.80	114.86 14.09 74.69	170.19 13.81 21.41	430.12 32.79 0.30	341.74 18.70 -49.37	183.94 11.93 33.49	270.99 16.95 7.71	68.92 5.30 17.11	46.08 4.04 11.96	51.92 2.27 1.83
NPX_GEN_CSC 323557	42.36 3.14 1.73	42.55 3.12 0.00	42.44 3.24 0.00	41.95 3.43 0.00	42.00 3.13 0.00	43.43 2.42 -0.52	42.75 2.77 0.00	42.62 3.05 0.00	45.34 2.85 0.00	48.01 3.40 0.00	46.78 4.11 0.00	114.24 6.23 -40.32	376.36 6.27 -303.82	346.61 8.14 -255.03	331.90 18.01 -123.77	305.30 17.45 -112.40	341.05 18.32 -144.94	558.93 40.14 -121.15	386.66 25.15 -87.85	282.74 17.80 -59.43	282.07 19.68 -0.64	106.78 7.50 -18.54	51.67 5.58 7.91	55.86 4.39 0.00
NSINS_S_GLNS_FALLS 23858	43.90 2.95 0.00	42.09 2.66 0.00	41.73 2.53 0.00	41.02 2.51 0.00	41.35 2.49 0.00	43.14 2.65 0.00	42.76 2.78 0.00	42.48 2.90 0.00	45.40 2.91 0.00	47.67 3.07 0.00	45.70 3.03 0.00	72.53 4.84 0.00	71.41 5.14 0.00	91.39 6.55 -1.41	204.18 14.06 0.00	192.31 14.67 -2.19	204.18 14.24 -12.15	473.11 35.31 -40.17	571.13 25.06 -272.40	223.57 18.06 0.00	283.69 21.94 0.00	87.28 6.54 0.00	58.52 4.52 0.00	55.57 4.10 0.00
NUCOR_STEEL___DRP 24197	42.07 1.12 0.00	40.53 1.09 0.00	39.97 0.77 0.00	39.33 0.82 0.00	39.78 0.92 0.00	41.34 0.85 0.00	40.97 0.99 0.00	40.56 0.98 0.00	43.60 1.11 0.00	46.02 1.42 0.00	44.34 1.67 0.00	70.02 2.33 0.00	68.56 2.30 0.00	86.46 3.02 0.00	197.63 7.51 0.00	181.81 6.36 0.00	184.41 6.63 0.00	411.38 13.13 -0.62	291.66 8.54 -9.46	215.94 8.97 -1.46	274.29 11.63 -0.91	84.24 3.50 0.00	56.08 2.08 0.00	52.84 1.37 0.00
NUMBER_THREE_WT_PWR 323818	41.19 0.25 0.00	39.68 0.24 0.00	39.20 -0.01 0.00	38.59 0.08 0.00	39.27 0.40 0.00	41.13 0.64 0.00	40.83 0.85 0.00	40.32 0.74 0.00	43.26 0.77 0.00	45.43 0.83 0.00	43.22 0.55 0.00	68.57 0.88 0.00	67.26 1.00 0.00	84.61 1.17 0.00	191.65 1.53 0.00	175.83 0.38 0.00	178.07 0.29 0.00	401.86 4.23 0.00	278.07 4.41 0.00	231.94 5.50 -20.93	283.37 8.54 -13.09	83.10 2.37 0.00	54.66 0.66 0.00	51.29 -0.18 0.00
NYISO_LBMP_REFERENCE 24008	40.95 0.00 0.00	39.44 0.00 0.00	39.20 0.00 0.00	38.51 0.00 0.00	38.86 0.00 0.00	40.49 0.00 0.00	39.98 0.00 0.00	39.58 0.00 0.00	42.49 0.00 0.00	44.61 0.00 0.00	42.67 0.00 0.00	67.69 0.00 0.00	66.27 0.00 0.00	83.44 0.00 0.00	190.12 0.00 0.00	175.45 0.00 0.00	177.79 0.00 0.00	397.63 0.00 0.00	273.66 0.00 0.00	205.51 0.00 0.00	261.75 0.00 0.00	80.73 0.00 0.00	54.00 0.00 0.00	51.47 0.00 0.00
NYPA_BRENTWD___GT 24164	43.74 2.58 -0.22	42.03 2.59 0.00	41.94 2.74 0.00	41.49 2.97 0.00	41.54 2.68 0.00	42.43 1.94 0.00	42.25 2.27 0.00	42.19 2.61 0.00	44.84 2.34 0.00	47.53 2.91 -0.02	46.08 3.41 0.00	80.89 4.77 -8.43	134.64 4.86 -63.51	144.02 6.74 -53.85	224.69 15.79 -18.78	214.27 16.05 -22.76	292.68 17.08 -97.81	541.45 37.66 -106.16	382.85 24.00 -85.18	225.09 16.43 -3.14	279.79 17.93 -0.11	89.91 5.95 -3.23	55.92 4.32 2.39	54.79 3.32 0.00
NYPA_GOWANUS___GT5 24156	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.57 2.96 0.00	49.57 3.23 -3.67	75.68 4.96 -3.03	85.38 4.87 -14.24	96.53 6.71 -6.39	204.64 14.52 0.00	195.57 14.72 -5.39	249.36 16.57 -55.00	541.22 36.62 -106.97	382.60 23.79 -85.15	219.28 16.23 2.45	277.85 19.28 3.18	97.66 6.06 -10.86	75.21 4.36 -16.85	63.47 3.27 -8.72
NYPA_GOWANUS___GT6 24157	42.63 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.29 1.77 0.00	40.45 1.59 0.00	41.76 1.27 0.00	41.66 1.68 0.00	41.60 2.02 0.00	49.78 2.29 -5.00	47.57 2.96 0.00	49.57 3.23 -3.67	75.68 4.96 -3.03	85.38 4.87 -14.24	96.53 6.71 -6.39	204.64 14.52 0.00	195.57 14.72 -5.39	249.36 16.57 -55.00	541.22 36.62 -106.97	382.60 23.79 -85.15	219.28 16.23 2.45	277.85 19.28 3.18	97.66 6.06 -10.86	75.21 4.36 -16.85	63.47 3.27 -8.72
NYPA_HARLEM__RVR_GT1 24160	42.45 1.51 0.00	40.84 1.40 0.00	40.62 1.42 0.00	40.15 1.63 0.00	40.31 1.45 0.00	41.64 1.15 0.00	41.48 1.50 0.00	41.37 1.79 0.00	44.57 2.08 0.00	47.31 2.70 0.00	45.58 2.91 0.01	72.11 4.42 0.00	70.80 4.54 0.01	96.07 6.26 -6.37	204.48 14.36 0.00	200.02 14.68 -9.88	248.81 16.02 -55.00	539.86 35.26 -106.97	381.97 23.16 -85.15	221.54 16.03 0.00	280.65 18.89 0.00	86.55 5.82 -0.01	58.11 4.11 0.00	54.52 3.05 0.01
NYPA_HARLEM__RVR_GT2 24161	42.45 1.51 0.00	40.84 1.40 0.00	40.62 1.42 0.00	40.15 1.63 0.00	40.31 1.45 0.00	41.64 1.15 0.00	41.48 1.50 0.00	41.37 1.79 0.00	44.57 2.08 0.00	47.31 2.70 0.00	45.58 2.91 0.01	72.11 4.42 0.00	70.80 4.54 0.01	96.07 6.26 -6.37	204.48 14.36 0.00	200.02 14.68 -9.88	248.81 16.02 -55.00	539.86 35.26 -106.97	381.97 23.16 -85.15	221.54 16.03 0.00	280.65 18.89 0.00	86.55 5.82 -0.01	58.11 4.11 0.00	54.52 3.05 0.01
NYPA_KENT___GT 24152	42.56 1.62 0.00	40.97 1.53 0.00	40.75 1.55 0.00	40.25 1.74 0.00	40.43 1.57 0.00	41.73 1.24 0.00	41.59 1.61 0.00	41.52 1.94 0.00	47.22 2.20 -2.53	47.49 2.88 0.00	47.93 3.14 -2.11	74.22 4.79 -1.74	79.21 4.75 -8.20	96.36 6.54 -6.38	204.51 14.39 0.00	195.78 14.61 -5.71	249.05 16.26 -55.00	540.53 35.92 -106.97	382.24 23.43 -85.15	219.19 15.96 2.28	277.71 18.91 2.96	91.35 5.89 -4.72	67.92 4.23 -9.70	57.78 3.16 -3.15
NYPA_POUCH1___GT 24155	42.22 1.56 0.29	40.73 1.44 0.15	40.51 1.43 0.13	40.00 1.63 0.14	40.19 1.47 0.14	41.43 1.13 0.19	41.33 1.53 0.18	41.26 1.89 0.22	49.65 2.17 -4.99	47.46 2.86 0.00	49.46 3.12 -3.67	75.55 4.83 -3.03	85.22 4.71 -14.24	96.36 6.54 -6.39	204.40 14.28 0.00	195.49 14.65 -5.39	249.26 16.47 -55.00	540.97 36.37 -106.97	382.42 23.61 -85.15	219.25 16.19 2.45	277.93 19.36 3.18	97.66 6.07 -10.86	75.14 4.29 -16.85	63.38 3.18 -8.72

ONEIDA___115KV_TB4 55905	42.40 1.46 0.00	40.75 1.31 0.00	40.41 1.21 0.00	39.67 1.16 0.00	40.09 1.23 0.00	41.86 1.37 0.00	41.44 1.46 0.00	40.94 1.37 0.00	44.05 1.55 0.00	46.42 1.81 0.00	44.49 1.82 0.00	70.69 2.99 0.00	69.31 3.05 0.00	87.48 4.05 0.00	199.65 9.53 0.00	183.25 7.79 0.00	185.02 7.23 0.00	414.70 17.07 0.00	286.04 12.38 0.00	220.06 10.27 -4.28	277.74 13.31 -2.68	84.50 3.76 0.00	56.15 2.15 0.00	53.11 1.63 0.00
ONONDAGA_REF_OCCRA 23987	41.57 0.62 0.00	39.99 0.55 0.00	39.64 0.44 0.00	38.88 0.37 0.00	39.26 0.40 0.00	40.97 0.48 0.00	40.47 0.49 0.00	39.99 0.41 0.00	43.03 0.54 0.00	45.48 0.87 0.00	43.65 0.97 0.00	69.25 1.57 0.00	67.87 1.60 0.00	85.56 2.12 0.00	195.71 5.59 0.00	180.17 4.72 0.00	182.51 4.73 0.00	406.81 8.65 -0.53	287.13 5.38 -8.10	212.58 5.25 -1.82	269.87 6.99 -1.14	82.80 2.06 0.00	55.21 1.21 0.00	52.30 0.82 0.00
ONONDAGA___COGEN 23986	41.55 0.61 0.00	40.01 0.57 0.00	39.63 0.42 0.00	38.91 0.39 0.00	39.30 0.43 0.00	40.99 0.50 0.00	40.49 0.51 0.00	39.99 0.41 0.00	42.99 0.49 0.00	45.34 0.73 0.00	43.47 0.79 0.00	68.84 1.15 0.00	67.44 1.18 0.00	85.05 1.62 0.00	195.75 5.63 0.00	180.22 4.77 0.00	182.31 4.53 0.00	403.60 5.97 0.00	276.94 3.28 0.00	211.11 3.83 -1.76	267.88 5.03 -1.10	82.29 1.55 0.00	54.90 0.89 0.00	51.97 0.50 0.00
ONTARIO___LFGE 23819	42.08 1.14 0.00	40.33 0.89 0.00	39.83 0.63 0.00	39.03 0.51 0.00	39.44 0.58 0.00	41.23 0.74 0.00	40.82 0.84 0.00	40.43 0.86 0.00	43.73 1.23 0.00	46.61 2.00 0.00	44.80 2.12 0.00	71.10 3.41 0.00	69.55 3.29 0.00	87.59 4.15 0.00	199.92 9.80 0.00	182.86 7.41 0.00	185.65 7.86 0.00	414.81 16.43 -0.74	296.15 11.08 -11.41	215.73 10.22 0.00	276.10 14.35 0.00	84.57 3.84 0.00	56.28 2.28 0.00	53.13 1.66 0.00
ORANGEVILLE_WT_PWR 323706	41.64 0.69 0.00	39.70 0.26 0.00	39.10 -0.11 0.00	38.14 -0.37 0.00	38.57 -0.30 0.00	40.30 -0.19 0.00	39.81 -0.17 0.00	39.46 -0.12 0.00	43.10 0.60 0.00	46.62 2.01 0.00	44.90 2.23 0.00	71.35 3.66 0.00	69.26 3.00 0.00	86.59 3.15 0.00	196.52 6.40 0.00	178.42 2.96 0.00	180.31 2.52 0.00	400.12 1.07 -1.41	289.13 0.43 -15.04	208.42 2.91 0.00	270.35 8.60 0.00	82.96 2.22 0.00	55.28 1.28 0.00	52.08 0.60 0.00
ORANGEVILLE___ESR 323794	41.64 0.69 0.00	39.70 0.26 0.00	39.10 -0.11 0.00	38.14 -0.37 0.00	38.57 -0.30 0.00	40.30 -0.19 0.00	39.81 -0.17 0.00	39.46 -0.12 0.00	43.10 0.60 0.00	46.62 2.01 0.00	44.90 2.23 0.00	71.35 3.66 0.00	69.26 3.00 0.00	86.59 3.15 0.00	196.52 6.40 0.00	178.42 2.96 0.00	180.31 2.52 0.00	400.12 1.07 -1.41	289.13 0.43 -15.04	208.42 2.91 0.00	270.35 8.60 0.00	82.96 2.22 0.00	55.28 1.28 0.00	52.08 0.60 0.00
OSWEGATCHIE___HYD 24044	40.08 -0.87 0.00	38.64 -0.80 0.00	38.29 -0.92 0.00	37.64 -0.87 0.00	38.22 -0.64 0.00	40.02 -0.47 0.00	39.69 -0.29 0.00	39.22 -0.36 0.00	42.06 -0.44 0.00	43.87 -0.74 0.00	41.44 -1.24 0.00	65.79 -1.90 0.00	64.40 -1.87 0.00	80.92 -2.52 0.00	183.27 -6.85 0.00	168.43 -7.03 0.00	170.33 -7.46 0.00	384.66 -12.98 0.00	266.42 -7.25 0.00	225.12 -4.22 -23.83	264.35 -3.40 -6.00	80.05 -0.68 0.00	52.78 -1.22 0.00	49.86 -1.62 0.00
OSWEGO___5 23606	40.71 -0.24 0.00	39.22 -0.21 0.00	38.90 -0.31 0.00	38.17 -0.34 0.00	38.54 -0.32 0.00	40.20 -0.29 0.00	39.69 -0.29 0.00	39.19 -0.40 0.00	42.11 -0.38 0.00	44.43 -0.18 0.00	42.64 -0.03 0.00	67.58 -0.11 0.00	66.18 -0.09 0.00	83.31 -0.12 0.00	190.05 -0.07 0.00	174.97 -0.48 0.00	177.32 -0.47 0.00	394.72 -2.91 0.00	270.61 -3.05 0.00	204.71 -0.80 0.00	260.89 -0.86 0.00	80.61 -0.12 0.00	53.84 -0.16 0.00	51.08 -0.40 0.00
OSWEGO___6 23613	40.71 -0.24 0.00	39.22 -0.21 0.00	38.90 -0.31 0.00	38.17 -0.34 0.00	38.54 -0.32 0.00	40.20 -0.29 0.00	39.69 -0.29 0.00	39.19 -0.40 0.00	42.11 -0.38 0.00	44.43 -0.18 0.00	42.64 -0.03 0.00	67.58 -0.11 0.00	66.18 -0.09 0.00	83.31 -0.12 0.00	190.05 -0.07 0.00	174.97 -0.48 0.00	177.32 -0.47 0.00	394.72 -2.91 0.00	270.61 -3.05 0.00	204.71 -0.80 0.00	260.89 -0.86 0.00	80.61 -0.12 0.00	53.84 -0.16 0.00	51.08 -0.40 0.00
OUTOKUMPU-AB___DRP 24206	41.97 1.02 0.00	39.83 0.39 0.00	39.07 -0.13 0.00	37.96 -0.56 0.00	38.43 -0.44 0.00	40.35 -0.14 0.00	39.93 -0.05 0.00	39.49 -0.09 0.00	43.15 0.66 0.00	46.86 2.25 0.00	45.26 2.59 0.00	71.98 4.29 0.00	69.57 3.30 0.00	86.78 3.34 0.00	196.34 6.22 0.00	177.97 2.50 -0.02	180.09 2.30 -0.01	406.03 0.94 -7.45	286.58 0.42 -12.49	208.83 3.32 0.00	271.34 9.59 0.00	83.49 2.76 0.00	55.54 1.54 0.00	52.33 0.85 0.00
OXBOW___ 24026	41.57 0.62 0.00	39.45 0.01 0.00	38.71 -0.49 0.00	37.60 -0.92 0.00	38.06 -0.80 0.00	39.96 -0.52 0.00	39.51 -0.47 0.00	39.07 -0.51 0.00	42.66 0.17 0.00	46.28 1.68 0.00	44.65 1.97 0.00	70.86 3.17 0.00	68.20 1.94 0.00	84.93 1.50 0.00	191.95 1.82 0.00	173.95 -1.52 -0.02	176.10 -1.70 -0.01	397.12 -7.93 -7.41	280.70 -5.32 -12.35	204.68 -0.83 0.00	266.11 4.36 0.00	82.03 1.29 0.00	54.64 0.65 0.00	51.71 0.23 0.00
OXY_CHEM_DSASP 323612	40.89 -0.05 0.00	38.80 -0.64 0.00	38.08 -1.12 0.00	36.98 -1.53 0.00	37.45 -1.41 0.00	39.31 -1.18 0.00	38.88 -1.10 0.00	38.39 -1.19 0.00	41.88 -0.62 0.00	45.42 0.81 0.00	43.72 1.05 0.00	69.45 1.76 0.00	66.97 0.71 0.00	83.30 -0.13 0.00	188.04 -2.08 0.00	170.42 -5.02 0.02	172.54 -5.24 0.01	376.50 -16.01 5.13	274.97 -10.84 -12.16	201.22 -4.30 0.00	261.73 -0.02 0.00	80.83 0.10 0.00	53.95 -0.05 0.00	50.92 -0.55 0.00
OZONE_PARK_ESR 323760	43.25 2.31 0.00	41.56 2.13 0.00	41.30 2.10 0.00	40.78 2.26 0.00	40.96 2.10 0.00	42.35 1.85 0.00	42.11 2.13 0.00	42.11 2.53 0.00	45.37 2.87 0.00	48.22 3.62 0.00	46.55 3.87 0.00	73.69 6.00 0.00	72.38 6.11 0.00	98.09 8.27 -6.38	209.07 18.95 0.00	204.23 18.88 -9.89	253.09 20.29 -55.02	549.69 45.06 -107.00	388.45 29.64 -85.15	226.36 20.85 0.00	286.91 25.16 0.00	88.38 7.65 0.00	59.30 5.30 0.00	55.65 4.17 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.89 -0.05 0.00	38.80 -0.64 0.00	38.08 -1.12 0.00	36.98 -1.53 0.00	37.45 -1.41 0.00	39.31 -1.18 0.00	38.88 -1.10 0.00	38.39 -1.19 0.00	41.88 -0.62 0.00	45.42 0.81 0.00	43.72 1.05 0.00	69.45 1.76 0.00	66.97 0.71 0.00	83.30 -0.13 0.00	188.04 -2.08 0.00	170.42 -5.02 0.02	172.54 -5.24 0.01	376.50 -16.01 5.13	274.97 -10.84 -12.16	201.22 -4.30 0.00	261.73 -0.02 0.00	80.83 0.10 0.00	53.95 -0.05 0.00	50.92 -0.55 0.00
PACKARD___115KV_DUPONT_184 80571	40.89 -0.05 0.00	38.80 -0.64 0.00	38.08 -1.12 0.00	36.98 -1.53 0.00	37.45 -1.41 0.00	39.31 -1.18 0.00	38.88 -1.10 0.00	38.39 -1.19 0.00	41.88 -0.62 0.00	45.42 0.81 0.00	43.72 1.05 0.00	69.45 1.76 0.00	66.97 0.71 0.00	83.30 -0.13 0.00	188.04 -2.08 0.00	170.42 -5.02 0.02	172.54 -5.24 0.01	376.50 -16.01 5.13	274.97 -10.84 -12.16	201.22 -4.30 0.00	261.73 -0.02 0.00	80.83 0.10 0.00	53.95 -0.05 0.00	50.92 -0.55 0.00

PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.51 1.56 0.00	40.85 1.41 0.00	40.61 1.41 0.00	40.11 1.60 0.00	40.27 1.41 0.00	41.63 1.14 0.00	41.46 1.48 0.00	41.34 1.76 0.00	44.50 2.01 0.00	47.21 2.60 0.00	45.52 2.86 0.01	72.20 4.52 0.00	70.92 4.66 0.01	96.20 6.39 -6.37	204.67 14.55 0.00	200.15 14.82 -9.88	248.90 16.11 -55.00	540.13 35.53 -106.97	382.31 23.50 -85.15	221.87 16.36 0.00	281.04 19.29 0.00	86.71 5.97 -0.01	58.17 4.18 0.00	54.64 3.17 0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.06 2.11 0.00	41.36 1.92 0.00	41.10 1.90 0.00	40.58 2.07 0.00	40.72 1.86 0.00	42.08 1.59 0.00	41.88 1.90 0.00	41.70 2.12 0.00	44.94 2.45 0.00	47.65 3.05 0.00	46.02 3.35 0.01	72.96 5.28 0.00	71.73 5.48 0.01	97.28 7.47 -6.37	207.37 17.25 0.00	202.63 17.29 -9.88	251.43 18.64 -55.00	545.21 40.61 -106.97	385.78 26.97 -85.15	224.57 19.06 0.00	284.68 22.93 0.00	87.87 7.13 -0.01	58.90 4.90 0.00	55.28 3.82 0.01
PATROON__115KV_TB1 80586	41.91 0.96 0.00	40.30 0.86 0.00	40.13 0.93 0.00	39.48 0.97 0.00	39.75 0.89 0.00	41.36 0.87 0.00	40.83 0.85 0.00	40.54 0.96 0.00	43.40 0.91 0.00	45.69 1.09 0.00	43.72 1.05 0.00	69.15 1.45 0.00	67.83 1.56 0.00	86.85 1.96 -1.45	194.89 4.77 0.00	183.46 5.75 -2.26	196.21 5.88 -12.54	449.10 14.73 -36.74	493.39 10.89 -208.84	213.09 7.58 0.00	271.12 9.37 0.00	83.26 2.53 0.00	55.95 1.96 0.00	53.18 1.71 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	41.91 0.96 0.00	39.87 0.43 0.00	39.14 -0.06 0.00	38.09 -0.42 0.00	38.57 -0.30 0.00	40.43 -0.06 0.00	40.06 0.08 0.00	39.69 0.11 0.00	43.36 0.87 0.00	46.98 2.37 0.00	45.33 2.66 0.00	72.16 4.47 0.00	70.03 3.77 0.00	87.59 4.16 0.00	198.55 8.43 0.00	180.18 4.72 0.00	182.31 4.52 0.00	405.55 5.96 -1.95	290.72 3.27 -13.78	210.12 4.61 0.00	272.83 11.08 0.00	83.67 2.94 0.00	55.60 1.60 0.00	52.33 0.86 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	42.85 1.91 0.00	41.18 1.75 0.00	40.92 1.72 0.00	40.34 1.83 0.00	40.55 1.69 0.00	42.02 1.53 0.00	41.74 1.77 0.00	41.73 2.15 0.00	44.88 2.38 0.00	47.62 3.01 0.00	45.96 3.29 0.00	72.81 5.12 0.00	71.47 5.21 0.00	92.77 7.02 -2.31	206.54 16.42 0.00	195.61 16.57 -3.59	215.59 17.86 -19.94	480.24 40.17 -42.44	387.58 26.94 -86.97	224.46 18.94 0.00	283.57 21.82 0.00	87.11 6.38 0.00	58.44 4.44 0.00	54.99 3.52 0.00
PEEKSKILL____ 23653	42.29 1.34 0.00	40.68 1.24 0.00	40.44 1.23 0.00	39.89 1.38 0.00	40.11 1.24 0.00	41.50 1.01 0.00	41.22 1.24 0.00	41.13 1.54 0.00	44.24 1.75 0.00	46.92 2.32 0.00	45.29 2.62 0.00	71.66 3.97 0.00	70.32 4.05 0.00	96.40 5.54 -7.42	202.90 12.78 0.00	200.06 13.10 -11.51	255.98 14.18 -64.02	552.60 31.46 -123.51	378.60 20.92 -84.02	219.99 14.48 0.00	278.63 16.88 0.00	85.86 5.12 0.00	57.63 3.63 0.00	54.22 2.75 0.00
PGE MADISON__WINDPWR 24146	44.62 3.67 0.00	42.84 3.40 0.00	42.40 3.20 0.00	41.61 3.09 0.00	42.08 3.21 0.00	44.05 3.56 0.00	43.62 3.64 0.00	43.21 3.63 0.00	46.53 4.04 0.00	49.18 4.57 0.00	46.90 4.23 0.00	74.40 6.71 0.00	73.13 6.87 0.00	92.09 8.66 0.00	211.78 21.66 0.00	193.71 18.26 0.00	197.96 20.17 0.00	447.44 47.63 -2.18	341.92 34.84 -33.42	233.70 28.19 0.00	297.96 36.21 0.00	90.98 10.25 0.00	60.27 6.27 0.00	56.56 5.09 0.00
PIERCEFIELD__HYD 23852	38.99 -1.96 0.00	37.65 -1.79 0.00	37.47 -1.74 0.00	36.77 -1.74 0.00	37.23 -1.63 0.00	38.93 -1.56 0.00	38.56 -1.42 0.00	38.18 -1.41 0.00	40.91 -1.58 0.00	42.41 -2.20 0.00	39.78 -2.89 0.00	63.29 -4.40 0.00	61.87 -4.40 0.00	77.67 -5.76 0.00	176.07 -14.04 0.00	162.10 -13.35 0.00	163.66 -14.12 0.00	369.65 -27.98 0.00	256.08 -17.58 0.00	167.84 -13.50 24.17	231.52 -15.11 15.11	76.98 -3.76 0.00	51.00 -3.00 0.00	48.64 -2.83 0.00
PINELAWN_CC_1 323563	43.38 2.39 -0.04	41.81 2.38 0.00	41.71 2.51 0.00	41.22 2.71 0.00	41.26 2.39 0.00	42.26 1.77 0.00	42.08 2.10 0.00	42.04 2.47 0.00	44.51 2.01 0.00	47.06 2.45 0.00	45.62 2.95 0.00	74.49 4.18 -2.62	90.41 4.37 -19.77	110.72 6.15 -21.14	210.51 14.53 -5.86	205.18 15.13 -14.59	291.27 16.17 -97.31	539.57 35.78 -106.16	381.77 22.93 -85.18	221.87 15.37 -0.98	278.56 16.77 -0.04	87.16 5.46 -0.97	57.85 3.95 0.10	54.71 3.24 0.00
PJM_GEN_HTP_PROXY 323702	42.52 1.57 0.00	40.89 1.45 0.00	40.66 1.45 0.00	40.16 1.65 0.00	40.36 1.49 0.00	41.70 1.21 0.00	41.45 1.47 0.00	41.41 1.83 0.00	44.58 2.09 0.00	46.75 2.75 0.61	45.72 3.05 0.00	69.87 4.64 2.46	71.03 4.76 0.00	96.30 6.48 -6.38	204.92 14.80 0.00	200.39 15.04 -9.89	249.14 16.32 -55.03	540.85 36.19 -107.03	382.45 23.64 -85.15	221.84 16.33 0.00	238.08 19.21 42.88	86.55 5.82 0.00	57.67 4.13 0.45	54.60 3.13 0.00
PJM_GEN_KEystone 24065	41.00 0.37 0.32	39.49 0.22 0.17	39.11 0.06 0.15	38.43 0.08 0.16	38.77 0.06 0.15	40.26 -0.02 0.21	39.90 0.12 0.20	39.67 0.33 0.24	43.08 0.70 0.11	45.52 1.53 0.61	49.13 1.77 -4.69	67.81 2.65 2.53	68.37 2.47 0.36	76.63 3.23 10.04	195.14 7.17 2.16	163.38 5.72 17.79	99.00 6.14 84.93	157.46 12.01 252.18	136.38 7.28 144.56	143.75 5.98 67.74	217.67 8.56 52.64	83.16 2.51 0.09	55.36 1.78 0.41	53.16 1.10 -0.58
PJM_GEN_NEPTUNE_PROXY 323594	42.68 1.73 0.00	41.17 1.74 0.00	41.06 1.86 0.00	40.56 2.04 0.00	40.64 1.78 0.00	41.71 1.22 0.00	41.50 1.52 0.00	41.40 1.82 0.00	44.18 1.69 0.00	46.22 2.22 0.61	45.43 2.76 0.00	69.28 4.05 2.46	70.43 4.17 0.00	95.55 5.78 -6.33	203.71 13.59 0.00	200.41 14.06 -10.89	290.10 15.22 -97.09	537.18 33.39 -106.16	380.28 21.43 -85.18	219.82 14.31 0.00	234.46 15.59 42.88	85.78 5.19 0.14	52.93 3.80 4.86	54.39 2.91 0.00
PJM_GEN_VFT_PROXY 323633	37.68 1.29 4.56	38.26 1.19 2.37	38.27 1.18 2.11	37.65 1.40 2.26	37.93 1.23 2.16	38.44 0.91 2.96	38.31 1.19 2.86	37.67 1.56 3.47	42.75 1.81 1.56	46.38 2.48 0.71	45.49 2.81 0.00	68.50 4.21 3.40	65.47 4.36 5.16	84.02 6.02 5.44	172.98 13.68 30.82	149.21 14.01 40.25	169.76 15.32 23.34	307.85 33.77 123.56	371.23 22.19 -75.38	214.38 15.16 6.29	230.32 17.81 49.24	84.97 5.46 1.23	57.46 3.92 0.45	54.34 2.87 0.00
PLATSBRG_115KV_PMLD1 355749	40.13 -0.81 0.00	38.79 -0.65 0.00	38.90 -0.29 0.00	38.21 -0.30 0.00	38.59 -0.27 0.00	40.23 -0.26 0.00	39.85 -0.14 0.00	39.43 -0.15 0.00	42.19 -0.30 0.00	43.87 -0.74 0.00	41.58 -1.09 0.00	66.08 -1.61 0.00	64.74 -1.53 0.00	81.53 -1.91 0.00	185.73 -4.39 0.00	171.09 -4.36 0.00	173.08 -4.70 0.00	389.43 -8.21 0.00	270.02 -3.64 0.00	194.35 -4.02 7.15	251.09 -6.19 4.47	78.29 -2.44 0.00	52.33 -1.67 0.00	49.90 -1.57 0.00
PLEASANTVLY__LBMP 24000	42.15 1.20 0.00	40.53 1.09 0.00	40.32 1.11 0.00	39.75 1.23 0.00	39.96 1.10 0.00	41.41 0.92 0.00	41.06 1.08 0.00	40.94 1.37 0.00	43.99 1.49 0.00	46.57 1.96 0.00	44.87 2.19 0.00	70.94 3.25 0.00	69.59 3.33 0.00	90.89 4.51 -2.95	200.54 10.41 0.00	191.01 10.99 -4.57	215.11 11.92 -25.41	477.00 26.65 -52.72	381.64 17.95 -90.03	218.01 12.50 0.00	276.26 14.51 0.00	85.06 4.32 0.00	57.16 3.16 0.00	53.95 2.48 0.00

PLSNTVLE_13_KV_13.8KVDIST 80602	42.48 1.53 0.00	40.87 1.43 0.00	40.63 1.43 0.00	40.08 1.57 0.00	40.29 1.43 0.00	41.69 1.20 0.00	41.41 1.43 0.00	41.34 1.76 0.00	44.45 1.96 0.00	47.17 2.56 0.00	45.50 2.82 0.00	71.97 4.28 0.00	70.67 4.40 0.00	94.44 6.00 -5.00	203.94 13.82 0.00	197.28 14.09 -7.75	236.14 15.26 -43.09	516.56 33.87 -85.06	382.01 22.40 -85.95	221.05 15.53 0.00	280.06 18.31 0.00	86.21 5.48 0.00	57.89 3.90 0.00	54.46 2.99 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	42.48 1.53 0.00	40.87 1.43 0.00	40.63 1.43 0.00	40.08 1.57 0.00	40.29 1.43 0.00	41.69 1.20 0.00	41.41 1.43 0.00	41.34 1.76 0.00	44.45 1.96 0.00	47.17 2.56 0.00	45.50 2.82 0.00	71.97 4.28 0.00	70.67 4.40 0.00	94.44 6.00 -5.00	203.94 13.82 0.00	197.28 14.09 -7.75	236.14 15.26 -43.09	516.56 33.87 -85.06	382.01 22.40 -85.95	221.05 15.53 0.00	280.06 18.31 0.00	86.21 5.48 0.00	57.89 3.90 0.00	54.46 2.99 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.52 1.58 0.00	40.88 1.44 0.00	40.64 1.44 0.00	40.03 1.52 0.00	40.25 1.39 0.00	41.72 1.23 0.00	41.42 1.44 0.00	41.47 1.89 0.00	44.56 2.07 0.00	47.22 2.61 0.00	45.49 2.82 0.00	72.05 4.36 0.00	70.69 4.43 0.00	90.85 6.01 -1.40	204.13 14.00 0.00	192.08 14.45 -2.18	205.62 15.73 -12.10	461.47 35.67 -28.17	387.75 24.29 -89.80	222.54 17.02 0.00	280.32 18.57 0.00	86.15 5.42 0.00	57.83 3.83 0.00	54.54 3.07 0.00
POLETTI____ 23519	42.49 1.54 0.00	40.86 1.43 0.00	40.63 1.43 0.00	40.14 1.63 0.00	40.32 1.46 0.00	41.66 1.17 0.00	41.42 1.44 0.00	41.39 1.81 0.00	44.57 2.08 0.00	47.34 2.73 0.00	45.71 3.03 0.00	72.32 4.63 0.00	71.02 4.75 0.00	96.31 6.50 -6.38	204.95 14.83 0.00	200.39 15.04 -9.89	249.14 16.34 -55.02	540.98 36.35 -107.00	382.52 23.71 -85.15	221.84 16.33 0.00	281.04 19.29 0.00	86.60 5.86 0.00	58.16 4.17 0.00	54.60 3.13 0.00
POMONA____ESR 323819	42.19 1.24 0.00	40.57 1.13 0.00	40.30 1.10 0.00	39.75 1.24 0.00	39.97 1.11 0.00	41.37 0.88 0.00	41.07 1.09 0.00	40.98 1.41 0.00	44.12 1.62 0.00	46.83 2.23 0.00	45.24 2.57 0.00	71.60 3.91 0.00	70.28 4.02 0.00	80.37 5.52 8.59	202.96 12.84 0.00	175.20 13.06 13.31	117.84 14.12 74.06	297.63 31.26 131.26	375.52 20.65 -81.21	219.76 14.25 0.00	278.29 16.54 0.00	85.77 5.04 0.00	57.55 3.55 0.00	54.10 2.63 0.00
PORT_JEFF_3 23555	43.74 2.49 -0.30	41.94 2.51 0.00	41.86 2.65 0.00	41.38 2.87 0.00	41.43 2.57 0.00	42.33 1.84 0.00	42.15 2.17 0.00	42.00 2.42 0.00	44.57 2.07 0.00	47.04 2.43 0.00	45.92 3.24 0.00	113.72 4.69 -41.33	382.36 4.67 -311.43	353.93 6.19 -264.30	334.85 14.07 -130.66	307.03 14.21 -117.37	338.80 15.12 -145.89	551.86 32.72 -121.51	382.31 20.85 -87.80	282.11 14.47 -62.13	277.82 15.40 -0.67	105.59 5.44 -19.41	55.45 4.24 2.79	54.71 3.24 0.00
PORT_JEFF_4 23616	43.74 2.49 -0.30	41.94 2.51 0.00	41.86 2.65 0.00	41.38 2.87 0.00	41.43 2.57 0.00	42.33 1.84 0.00	42.15 2.17 0.00	42.00 2.42 0.00	44.57 2.07 0.00	47.04 2.43 0.00	45.92 3.24 0.00	113.72 4.69 -41.33	382.36 4.67 -311.43	353.93 6.19 -264.30	334.85 14.07 -130.66	307.03 14.21 -117.37	338.80 15.12 -145.89	551.86 32.72 -121.51	382.31 20.85 -87.80	282.11 14.47 -62.13	277.82 15.40 -0.67	105.59 5.44 -19.41	55.45 4.24 2.79	54.71 3.24 0.00
PORT_JEFF_IC 23713	43.93 2.65 -0.34	42.09 2.65 0.00	41.99 2.79 0.00	41.52 3.00 0.00	41.55 2.69 0.00	42.45 1.97 0.00	42.28 2.30 0.00	42.14 2.57 0.00	44.74 2.25 0.00	47.10 2.49 0.00	46.16 3.49 0.00	120.48 5.03 -47.76	431.20 5.06 -359.87	420.95 6.81 -330.71	388.16 15.43 -182.61	336.23 15.07 -145.70	327.71 15.95 -133.98	550.37 34.61 -118.13	381.39 22.00 -85.73	290.66 15.16 -69.99	279.03 16.38 -0.90	112.41 5.68 -25.99	55.65 4.37 2.72	55.00 3.53 0.00
PPL PILGRIM_ST_GT1 24216	43.74 2.58 -0.22	42.03 2.59 0.00	41.94 2.74 0.00	41.49 2.97 0.00	41.54 2.68 0.00	42.43 1.94 0.00	42.25 2.27 0.00	42.19 2.61 0.00	44.84 2.34 0.00	47.53 2.91 -0.02	46.08 3.41 0.00	80.89 4.77 -8.43	134.64 4.86 -63.51	144.02 6.74 -53.85	224.69 15.79 -18.78	214.27 16.05 -22.76	292.68 17.08 -97.81	541.45 37.66 -106.16	382.85 24.00 -85.18	225.09 16.43 -3.14	279.79 17.93 -0.11	89.91 5.95 -3.23	55.92 4.32 2.39	54.79 3.32 0.00
PPL PILGRIM_ST_GT2 24217	43.74 2.58 -0.22	42.03 2.59 0.00	41.94 2.74 0.00	41.49 2.97 0.00	41.54 2.68 0.00	42.43 1.94 0.00	42.25 2.27 0.00	42.19 2.61 0.00	44.84 2.34 0.00	47.53 2.91 -0.02	46.08 3.41 0.00	80.89 4.77 -8.43	134.64 4.86 -63.51	144.02 6.74 -53.85	224.69 15.79 -18.78	214.27 16.05 -22.76	292.68 17.08 -97.81	541.45 37.66 -106.16	382.85 24.00 -85.18	225.09 16.43 -3.14	279.79 17.93 -0.11	89.91 5.95 -3.23	55.92 4.32 2.39	54.79 3.32 0.00
PPL_SHRM_GT3 24213	44.39 3.13 -0.31	42.53 3.09 0.00	42.43 3.23 0.00	41.93 3.42 0.00	41.98 3.12 0.00	42.89 2.40 0.00	42.73 2.75 0.00	42.61 3.03 0.00	45.31 2.81 0.00	48.00 3.39 0.00	46.74 4.07 0.00	116.06 6.17 -42.20	390.14 5.91 -317.97	366.12 6.89 -275.79	345.84 15.27 -140.45	319.63 15.18 -129.00	350.74 16.13 -156.82	560.46 37.77 -125.06	385.90 23.69 -88.55	295.93 18.13 -72.29	282.51 20.05 -0.71	108.94 7.56 -20.65	56.86 5.62 2.76	55.83 4.36 0.00
PPL_SHRM_GT4 24214	44.39 3.13 -0.31	42.53 3.09 0.00	42.43 3.23 0.00	41.93 3.42 0.00	41.98 3.12 0.00	42.89 2.40 0.00	42.73 2.75 0.00	42.61 3.03 0.00	45.31 2.81 0.00	48.00 3.39 0.00	46.74 4.07 0.00	116.06 6.17 -42.20	390.14 5.91 -317.97	366.12 6.89 -275.79	345.84 15.27 -140.45	319.63 15.18 -129.00	350.74 16.13 -156.82	560.46 37.77 -125.06	385.90 23.69 -88.55	295.93 18.13 -72.29	282.51 20.05 -0.71	108.94 7.56 -20.65	56.86 5.62 2.76	55.83 4.36 0.00
PROJECT____ORANGE 1 24174	41.36 0.41 0.00	39.77 0.33 0.00	39.43 0.23 0.00	38.67 0.16 0.00	39.05 0.19 0.00	40.74 0.26 0.00	40.25 0.27 0.00	39.75 0.17 0.00	42.79 0.29 0.00	45.27 0.66 0.00	43.47 0.80 0.00	69.00 1.31 0.00	67.59 1.32 0.00	85.21 1.78 0.00	194.61 4.49 0.00	179.09 3.64 0.00	181.45 3.66 0.00	404.07 6.44 0.00	277.31 3.66 0.00	211.49 3.95 -2.02	268.27 5.26 -1.26	82.31 1.58 0.00	54.91 0.91 0.00	52.01 0.54 0.00
PROJECT____ORANGE 2 24166	41.36 0.41 0.00	39.77 0.33 0.00	39.43 0.23 0.00	38.67 0.16 0.00	39.05 0.19 0.00	40.74 0.26 0.00	40.25 0.27 0.00	39.75 0.17 0.00	42.79 0.29 0.00	45.27 0.66 0.00	43.47 0.80 0.00	69.00 1.31 0.00	67.59 1.32 0.00	85.21 1.78 0.00	194.61 4.49 0.00	179.09 3.64 0.00	181.45 3.66 0.00	404.07 6.44 0.00	277.31 3.66 0.00	211.49 3.95 -2.02	268.27 5.26 -1.26	82.31 1.58 0.00	54.91 0.91 0.00	52.01 0.54 0.00
PUCKETT____SOLAR 323809	42.29 1.34 0.00	40.64 1.21 0.00	40.28 1.08 0.00	39.56 1.04 0.00	39.96 1.10 0.00	41.69 1.20 0.00	41.19 1.21 0.00	40.82 1.24 0.00	43.98 1.49 0.00	46.62 2.01 0.00	44.50 1.82 0.00	70.31 2.62 0.00	69.00 2.74 0.00	86.95 3.51 0.00	198.60 8.48 0.00	182.11 6.66 0.00	185.28 7.49 0.00	417.01 17.29 -2.08	317.56 12.01 -31.89	216.14 10.63 0.00	276.24 14.50 0.00	84.83 4.09 0.00	56.57 2.58 0.00	53.62 2.14 0.00

PYRITES___HYD 24023	39.87 -1.07 0.00	38.47 -0.97 0.00	38.27 -0.93 0.00	37.57 -0.94 0.00	38.04 -0.82 0.00	39.78 -0.71 0.00	39.43 -0.55 0.00	39.02 -0.55 0.00	41.85 -0.65 0.00	43.24 -1.37 0.00	40.56 -2.12 0.00	64.57 -3.12 0.00	63.13 -3.13 0.00	79.27 -4.16 0.00	179.78 -10.34 0.00	165.46 -9.99 0.00	166.84 -10.94 0.00	376.78 -20.85 0.00	261.76 -11.90 0.00	174.31 -8.89 22.32	238.24 -9.56 13.95	78.48 -2.25 0.00	52.01 -2.00 0.00	49.66 -1.82 0.00
QUAKERRD_115KV_BK1 80622	40.90 -0.05 0.00	39.08 -0.36 0.00	38.55 -0.65 0.00	37.64 -0.87 0.00	38.05 -0.81 0.00	39.84 -0.64 0.00	39.45 -0.53 0.00	39.01 -0.57 0.00	42.23 -0.27 0.00	45.17 0.56 0.00	43.56 0.88 0.00	69.39 1.70 0.00	67.69 1.43 0.00	84.92 1.49 0.00	193.07 2.95 0.00	176.69 1.24 0.00	179.03 1.25 0.00	398.94 0.73 -0.58	282.92 0.34 -8.92	207.77 2.26 0.00	266.51 4.76 0.00	82.08 1.35 0.00	54.53 0.54 0.00	51.40 -0.08 0.00
QUENSBRY_115KV_TB8 356137	44.30 3.35 0.00	42.47 3.03 0.00	42.04 2.84 0.00	41.32 2.80 0.00	41.65 2.79 0.00	43.49 3.00 0.00	43.15 3.17 0.00	42.86 3.28 0.00	45.77 3.28 0.00	48.04 3.43 0.00	46.08 3.40 0.00	73.21 5.52 0.00	72.11 5.85 0.00	92.30 7.46 -1.41	206.23 16.11 0.00	194.24 16.61 -2.18	206.35 16.42 -12.14	478.16 40.36 -40.17	575.00 28.46 -272.88	226.09 20.58 0.00	286.52 24.77 0.00	88.04 7.30 0.00	59.03 5.03 0.00	56.08 4.60 0.00
RAMAPO___LBMP 323565	42.05 1.10 0.00	40.44 1.01 0.00	40.18 0.98 0.00	39.65 1.13 0.00	39.86 1.00 0.00	41.26 0.77 0.00	40.94 0.96 0.00	40.86 1.28 0.00	43.96 1.46 0.00	46.65 2.04 0.00	45.04 2.36 0.00	71.26 3.57 0.00	69.90 3.63 0.00	80.21 5.02 8.24	201.71 11.59 0.00	174.54 11.86 12.77	119.58 12.84 71.04	300.25 28.35 125.73	373.42 18.92 -80.84	218.54 13.03 0.00	276.80 15.05 0.00	85.37 4.63 0.00	57.30 3.30 0.00	53.90 2.43 0.00
RANKINE____ 23646	41.96 1.01 0.00	39.89 0.46 0.00	39.15 -0.05 0.00	38.07 -0.44 0.00	38.55 -0.31 0.00	40.41 -0.08 0.00	40.03 0.05 0.00	39.64 0.06 0.00	43.30 0.80 0.00	46.95 2.34 0.00	45.34 2.67 0.00	72.13 4.44 0.00	69.97 3.70 0.00	87.41 3.97 0.00	198.03 7.91 0.00	179.62 4.17 -0.01	181.66 3.87 0.00	404.36 4.58 -2.15	289.57 2.49 -13.42	210.08 4.57 0.00	273.04 11.30 0.00	83.82 3.09 0.00	55.70 1.70 0.00	52.44 0.97 0.00
RAVENSWOOD_GT2_1 24244	42.57 1.63 0.00	40.94 1.50 0.00	40.71 1.51 0.00	40.21 1.69 0.00	40.40 1.54 0.00	41.74 1.25 0.00	41.49 1.51 0.00	41.46 1.88 0.00	44.63 2.14 0.00	47.40 2.79 0.00	45.75 3.08 0.00	72.40 4.71 0.00	71.09 4.82 0.00	96.39 6.57 -6.38	205.11 14.99 0.00	200.52 15.19 -9.89	249.29 16.50 -55.00	541.16 36.56 -106.97	382.79 23.98 -85.15	222.06 16.55 0.00	281.34 19.59 0.00	86.71 5.97 0.00	58.22 4.22 0.00	54.69 3.22 0.00
RAVENSWOOD_GT2_2 24245	42.57 1.63 0.00	40.94 1.50 0.00	40.71 1.51 0.00	40.21 1.69 0.00	40.40 1.54 0.00	41.74 1.25 0.00	41.49 1.51 0.00	41.46 1.88 0.00	44.63 2.14 0.00	47.40 2.79 0.00	45.75 3.08 0.00	72.40 4.71 0.00	71.09 4.82 0.00	96.39 6.57 -6.38	205.11 14.99 0.00	200.52 15.19 -9.89	249.29 16.50 -55.00	541.16 36.56 -106.97	382.79 23.98 -85.15	222.06 16.55 0.00	281.34 19.59 0.00	86.71 5.97 0.00	58.22 4.22 0.00	54.69 3.22 0.00
RAVENSWOOD_GT2_3 24246	42.60 1.65 0.00	40.97 1.53 0.00	40.73 1.53 0.00	40.24 1.72 0.00	40.42 1.56 0.00	41.76 1.27 0.00	41.52 1.54 0.00	41.48 1.90 0.00	44.66 2.17 0.00	47.44 2.83 0.00	45.79 3.12 0.00	72.46 4.77 0.00	71.15 4.89 0.00	96.47 6.65 -6.38	205.28 15.16 0.00	200.68 15.34 -9.89	249.45 16.66 -55.00	541.51 36.91 -106.97	383.07 24.25 -85.15	222.25 16.74 0.00	281.60 19.85 0.00	86.77 6.04 0.00	58.27 4.28 0.00	54.73 3.25 0.00
RAVENSWOOD_GT2_4 24247	42.60 1.65 0.00	40.97 1.53 0.00	40.73 1.53 0.00	40.24 1.72 0.00	40.42 1.56 0.00	41.76 1.27 0.00	41.52 1.54 0.00	41.48 1.90 0.00	44.66 2.17 0.00	47.44 2.83 0.00	45.79 3.12 0.00	72.46 4.77 0.00	71.15 4.89 0.00	96.47 6.65 -6.38	205.28 15.16 0.00	200.68 15.34 -9.89	249.45 16.66 -55.00	541.51 36.91 -106.97	383.07 24.25 -85.15	222.25 16.74 0.00	281.60 19.85 0.00	86.77 6.04 0.00	58.27 4.28 0.00	54.73 3.25 0.00
RAVENSWOOD_GT3_1 24248	42.57 1.62 0.00	40.94 1.50 0.00	40.71 1.51 0.00	40.21 1.69 0.00	40.40 1.54 0.00	41.74 1.25 0.00	41.49 1.51 0.00	41.46 1.88 0.00	44.63 2.14 0.00	47.40 2.79 0.00	45.76 3.09 0.00	72.40 4.71 0.00	71.09 4.83 0.00	96.39 6.57 -6.38	205.13 15.01 0.00	200.54 15.20 -9.89	249.30 16.52 -55.00	541.20 36.59 -106.97	382.79 23.98 -85.15	222.06 16.55 0.00	281.34 19.59 0.00	86.71 5.97 0.00	58.22 4.22 0.00	54.69 3.22 0.00
RAVENSWOOD_GT3_2 24249	42.57 1.62 0.00	40.94 1.50 0.00	40.71 1.51 0.00	40.21 1.69 0.00	40.40 1.54 0.00	41.74 1.25 0.00	41.49 1.51 0.00	41.46 1.88 0.00	44.63 2.14 0.00	47.40 2.79 0.00	45.76 3.09 0.00	72.40 4.71 0.00	71.09 4.83 0.00	96.39 6.57 -6.38	205.13 15.01 0.00	200.54 15.20 -9.89	249.30 16.52 -55.00	541.20 36.59 -106.97	382.79 23.98 -85.15	222.06 16.55 0.00	281.34 19.59 0.00	86.71 5.97 0.00	58.22 4.22 0.00	54.69 3.22 0.00
RAVENSWOOD_GT3_3 24250	42.67 1.72 0.00	41.04 1.60 0.00	40.80 1.59 0.00	40.29 1.78 0.00	40.48 1.62 0.00	41.83 1.34 0.00	41.59 1.61 0.00	41.55 1.97 0.00	44.74 2.25 0.00	47.52 2.92 0.00	45.88 3.20 0.00	72.60 4.91 0.00	71.29 5.03 0.00	96.64 6.83 -6.38	205.72 15.59 0.00	201.07 15.73 -9.89	249.84 17.05 -55.00	542.47 37.87 -106.97	383.61 24.80 -85.15	222.68 17.16 0.00	282.12 20.37 0.00	86.95 6.21 0.00	58.38 4.38 0.00	54.83 3.36 0.00
RAVENSWOOD_GT3_4 24251	42.67 1.72 0.00	41.04 1.60 0.00	40.80 1.59 0.00	40.29 1.78 0.00	40.48 1.62 0.00	41.83 1.34 0.00	41.59 1.61 0.00	41.55 1.97 0.00	44.74 2.25 0.00	47.52 2.92 0.00	45.88 3.20 0.00	72.60 4.91 0.00	71.29 5.03 0.00	96.64 6.83 -6.38	205.72 15.59 0.00	201.07 15.73 -9.89	249.84 17.05 -55.00	542.47 37.87 -106.97	383.61 24.80 -85.15	222.68 17.16 0.00	282.12 20.37 0.00	86.95 6.21 0.00	58.38 4.38 0.00	54.83 3.36 0.00
RAVENSWOOD_GT_1 23729	42.48 1.54 0.00	40.92 1.48 0.00	40.72 1.51 0.00	40.22 1.71 0.00	40.39 1.53 0.00	41.71 1.22 0.00	41.52 1.54 0.00	41.44 1.86 0.00	45.15 2.12 -0.53	47.39 2.78 0.00	46.27 3.05 -0.55	72.81 4.67 -0.46	73.10 4.68 -2.15	96.24 6.43 -6.38	204.52 14.40 0.00	196.13 14.64 -6.03	248.91 16.12 -55.00	540.17 35.57 -106.97	382.08 23.26 -85.15	219.35 15.95 2.11	277.76 18.74 2.73	85.12 5.80 1.42	60.67 4.13 -2.54	52.64 3.09 1.92
RAVENSWOOD_GT_10 24258	42.58 1.63 0.00	40.95 1.51 0.00	40.71 1.51 0.00	40.21 1.70 0.00	40.40 1.54 0.00	41.74 1.25 0.00	41.50 1.52 0.00	41.47 1.89 0.00	44.64 2.14 0.00	47.41 2.80 0.00	45.76 3.09 0.00	72.44 4.76 0.00	71.11 4.85 0.00	96.43 6.61 -6.38	205.19 15.07 0.00	200.15 15.25 -9.44	249.35 16.56 -55.00	541.33 36.73 -106.97	382.91 24.10 -85.15	221.93 16.66 0.24	281.11 19.67 0.31	86.73 6.00 0.00	58.24 4.24 0.00	54.70 3.22 0.00

RAVENSWOOD_GT_11 24259	42.58 1.63 0.00	40.95 1.51 0.00	40.72 1.51 0.00	40.21 1.70 0.00	40.40 1.54 0.00	41.75 1.26 0.00	41.52 1.53 0.00	41.46 1.88 0.00	44.64 2.15 0.00	47.41 2.80 0.00	45.76 3.09 0.00	72.44 4.75 0.00	71.11 4.84 0.00	96.42 6.61 -6.38	205.15 15.03 0.00	200.14 15.25 -9.44	249.34 16.55 -55.00	541.27 36.67 -106.97	382.88 24.07 -85.15	221.91 16.64 0.24	281.13 19.69 0.31	86.73 5.99 0.00	58.24 4.25 0.00	54.70 3.23 0.00
RAVENSWOOD_GT_4 24252	42.62 1.67 0.00	40.98 1.54 0.00	40.74 1.53 0.00	40.24 1.72 0.00	40.42 1.56 0.00	41.77 1.28 0.00	41.53 1.54 0.00	41.49 1.91 0.00	45.08 2.18 -0.41	47.44 2.83 0.00	46.21 3.12 -0.42	72.81 4.77 -0.35	72.81 4.91 -1.63	96.50 6.68 -6.38	205.44 15.32 0.00	197.87 15.46 -6.95	249.51 16.72 -55.00	541.73 37.13 -106.97	383.22 24.40 -85.15	220.79 16.89 1.60	279.65 19.97 2.08	85.72 6.06 1.08	60.23 4.30 -1.94	53.30 3.28 1.46
RAVENSWOOD_GT_5 24254	42.62 1.67 0.00	40.98 1.54 0.00	40.74 1.53 0.00	40.24 1.72 0.00	40.42 1.56 0.00	41.77 1.28 0.00	41.53 1.54 0.00	41.49 1.91 0.00	45.08 2.18 -0.41	47.44 2.83 0.00	46.21 3.12 -0.42	72.81 4.77 -0.35	72.81 4.91 -1.63	96.50 6.68 -6.38	205.44 15.32 0.00	197.87 15.46 -6.95	249.51 16.72 -55.00	541.73 37.13 -106.97	383.22 24.40 -85.15	220.79 16.89 1.60	279.65 19.97 2.08	85.72 6.06 1.08	60.23 4.30 -1.94	53.30 3.28 1.46
RAVENSWOOD_GT_6 24253	42.62 1.67 0.00	40.98 1.54 0.00	40.74 1.53 0.00	40.24 1.72 0.00	40.42 1.56 0.00	41.77 1.28 0.00	41.53 1.54 0.00	41.49 1.91 0.00	45.08 2.18 -0.41	47.44 2.83 0.00	46.21 3.12 -0.42	72.81 4.77 -0.35	72.81 4.91 -1.63	96.50 6.68 -6.38	205.44 15.32 0.00	197.87 15.46 -6.95	249.51 16.72 -55.00	541.73 37.13 -106.97	383.22 24.40 -85.15	220.79 16.89 1.60	279.65 19.97 2.08	85.72 6.06 1.08	60.23 4.30 -1.94	53.30 3.28 1.46
RAVENSWOOD_GT_7 24255	42.62 1.67 0.00	40.98 1.54 0.00	40.74 1.53 0.00	40.24 1.72 0.00	40.42 1.56 0.00	41.77 1.28 0.00	41.53 1.54 0.00	41.49 1.91 0.00	45.08 2.18 -0.41	47.44 2.83 0.00	46.21 3.12 -0.42	72.81 4.77 -0.35	72.81 4.91 -1.63	96.50 6.68 -6.38	205.44 15.32 0.00	197.87 15.46 -6.95	249.51 16.72 -55.00	541.73 37.13 -106.97	383.22 24.40 -85.15	220.79 16.89 1.60	279.65 19.97 2.08	85.72 6.06 1.08	60.23 4.30 -1.94	53.30 3.28 1.46
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.58 1.63 0.00	40.95 1.51 0.00	40.71 1.51 0.00	40.21 1.70 0.00	40.40 1.54 0.00	41.74 1.25 0.00	41.50 1.52 0.00	41.47 1.89 0.00	44.64 2.14 0.00	47.41 2.80 0.00	45.76 3.09 0.00	72.44 4.76 0.00	71.11 4.85 0.00	96.43 6.61 -6.38	205.19 15.07 0.00	200.15 15.25 -9.44	249.35 16.56 -55.00	541.33 36.73 -106.97	382.91 24.10 -85.15	221.93 16.66 0.24	281.11 19.67 0.31	86.73 6.00 0.00	58.24 4.24 0.00	54.70 3.22 0.00
RAVENSWOOD_GT_9 24257	42.58 1.63 0.00	40.95 1.51 0.00	40.71 1.51 0.00	40.21 1.70 0.00	40.40 1.54 0.00	41.74 1.25 0.00	41.50 1.52 0.00	41.47 1.89 0.00	44.64 2.14 0.00	47.41 2.80 0.00	45.76 3.09 0.00	72.44 4.76 0.00	71.11 4.85 0.00	96.43 6.61 -6.38	205.19 15.07 0.00	200.15 15.25 -9.44	249.35 16.56 -55.00	541.33 36.73 -106.97	382.91 24.10 -85.15	221.93 16.66 0.24	281.11 19.67 0.31	86.73 6.00 0.00	58.24 4.24 0.00	54.70 3.22 0.00
RAVENSWOOD___1 23533	42.45 1.50 0.00	40.88 1.44 0.00	40.68 1.48 0.00	40.18 1.67 0.00	40.36 1.50 0.00	41.67 1.19 0.00	41.49 1.51 0.00	41.40 1.82 0.00	44.57 2.08 0.00	47.35 2.74 0.00	45.68 3.01 0.01	72.31 4.62 0.00	70.89 4.63 0.01	96.18 6.37 -6.37	204.39 14.27 0.00	195.36 14.51 -5.40	248.75 15.97 -55.00	539.90 35.30 -106.97	381.88 23.07 -85.15	218.85 15.79 2.45	277.16 18.59 3.18	82.08 5.75 4.40	58.09 4.10 0.00	49.98 3.06 4.55
RAVENSWOOD___2 23534	42.10 1.15 0.00	40.66 1.23 0.00	40.57 1.37 0.00	40.10 1.59 0.00	40.27 1.40 0.00	41.52 1.03 0.00	41.30 1.32 0.00	41.08 1.50 0.00	44.19 1.70 0.00	46.97 2.36 0.00	45.29 2.62 0.01	71.69 4.01 0.00	70.30 4.04 0.01	95.42 5.61 -6.37	202.50 12.38 0.00	193.63 12.80 -5.38	247.15 14.36 -55.00	536.16 31.56 -106.97	379.51 20.69 -85.15	216.99 13.94 2.46	274.85 16.29 3.19	81.29 5.03 4.47	57.62 3.62 0.00	49.44 2.60 4.63
RAVENSWOOD___3 23535	42.58 1.63 0.00	40.95 1.51 0.00	40.72 1.52 0.00	40.22 1.70 0.00	40.40 1.54 0.00	41.74 1.26 0.00	41.52 1.53 0.00	41.46 1.88 0.00	44.63 2.14 0.00	47.41 2.80 0.00	45.76 3.09 0.00	72.43 4.74 0.00	71.09 4.83 0.00	96.39 6.57 -6.38	205.13 15.01 0.00	200.54 15.20 -9.89	249.31 16.52 -55.00	541.16 36.55 -106.97	382.81 24.00 -85.15	222.10 16.58 0.00	281.36 19.61 0.00	86.71 5.98 0.00	58.23 4.23 0.00	54.69 3.22 0.00
RAVENSWOOD___4 23820	42.42 1.47 0.00	40.84 1.40 0.00	40.64 1.44 0.00	40.16 1.65 0.00	40.33 1.47 0.00	41.65 1.16 0.00	41.45 1.47 0.00	41.36 1.78 0.00	44.00 2.03 0.53	47.30 2.69 0.00	45.09 2.97 0.55	71.82 4.59 0.46	68.72 4.58 2.13	96.11 6.30 -6.37	204.23 14.11 0.00	194.58 14.37 -4.76	248.63 15.84 -55.00	539.61 35.01 -106.97	381.67 22.86 -85.15	218.34 15.62 2.80	276.57 18.45 3.63	79.02 5.70 7.42	55.55 4.06 2.51	47.26 3.01 7.22
RCPI_TRUST___DRP 24196	42.56 1.61 0.00	40.95 1.51 0.00	40.72 1.52 0.00	40.21 1.70 0.00	40.40 1.54 0.00	41.75 1.26 0.00	41.51 1.53 0.00	41.50 1.92 0.00	44.66 2.17 0.00	47.45 2.84 0.00	45.81 3.13 0.00	72.47 4.78 0.00	71.17 4.91 0.00	96.49 6.67 -6.38	205.34 15.21 0.00	200.74 15.39 -9.89	249.53 16.71 -55.03	541.72 37.07 -107.03	382.96 24.15 -85.15	222.18 16.67 0.00	281.38 19.63 0.00	86.69 5.95 0.00	58.21 4.21 0.00	54.66 3.19 0.00
RED___ROCHESTER 323720	42.42 1.47 0.00	40.42 0.98 0.00	39.81 0.60 0.00	38.81 0.29 0.00	39.22 0.36 0.00	41.11 0.62 0.00	40.73 0.75 0.00	40.29 0.71 0.00	43.70 1.21 0.00	46.90 2.29 0.00	45.31 2.63 0.00	72.24 4.56 0.00	70.48 4.21 0.00	88.37 4.94 0.00	200.73 10.61 0.00	183.14 7.69 0.00	185.56 7.78 0.00	413.09 14.85 -0.61	293.60 10.65 -9.29	215.72 10.21 0.00	277.36 15.61 0.00	85.43 4.70 0.00	56.67 2.67 0.00	53.33 1.85 0.00
REGAN___SOLAR 323812	45.01 4.06 0.00	43.46 4.02 0.00	43.13 3.93 0.00	42.33 3.82 0.00	42.79 3.93 0.00	44.84 4.35 0.00	44.46 4.48 0.00	43.74 4.16 0.00	45.56 3.07 0.00	47.66 3.05 0.00	45.41 2.73 0.00	71.83 4.14 0.00	70.56 4.29 0.00	90.20 5.63 -1.14	202.14 12.02 0.00	189.12 11.91 -1.76	201.27 13.69 -9.79	470.22 37.92 -34.67	561.34 32.90 -254.78	232.99 27.48 0.00	296.40 34.65 0.00	90.98 10.24 0.00	60.36 6.36 0.00	56.93 5.46 0.00
RENSSELAER___COGEN 23796	41.55 0.60 0.00	39.96 0.53 0.00	39.82 0.61 0.00	39.17 0.65 0.00	39.44 0.58 0.00	41.03 0.54 0.00	40.49 0.51 0.00	40.19 0.61 0.00	43.01 0.52 0.00	45.24 0.63 0.00	43.18 0.51 0.00	68.17 0.48 0.00	66.87 0.60 0.00	85.63 0.73 -1.46	192.07 1.95 0.00	180.92 3.20 -2.27	193.66 3.27 -12.61	441.84 8.90 -35.31	465.63 6.97 -185.00	210.31 4.80 0.00	267.61 5.86 0.00	82.25 1.52 0.00	55.35 1.35 0.00	52.67 1.20 0.00

REPUBLIC_115KV_BARTNBRK 55605	46.89 5.94 0.00	44.87 5.43 0.00	44.14 4.94 0.00	43.35 4.84 0.00	43.76 4.89 0.00	45.88 5.40 0.00	45.71 5.73 0.00	45.44 5.86 0.00	48.24 5.75 0.00	50.33 5.72 0.00	48.35 5.68 0.00	77.22 9.53 0.00	76.03 9.76 0.00	97.43 12.58 -1.41	218.22 28.10 0.00	204.33 26.69 -2.19	218.11 28.16 -12.16	505.47 67.67 -40.16	592.03 46.21 -272.16	239.28 33.77 0.00	301.72 39.97 0.00	92.59 11.85 0.00	62.02 8.02 0.00	59.15 7.68 0.00
REVERE_CPPR_DRP 24186	42.62 1.67 0.00	40.95 1.52 0.00	40.58 1.38 0.00	39.86 1.34 0.00	40.32 1.46 0.00	42.13 1.64 0.00	41.74 1.76 0.00	41.23 1.65 0.00	44.37 1.88 0.00	46.77 2.16 0.00	44.76 2.09 0.00	71.10 3.41 0.00	69.72 3.45 0.00	88.03 4.60 0.00	200.82 10.70 0.00	184.49 9.03 0.00	186.50 8.71 0.00	419.06 21.43 0.00	289.51 15.85 0.00	224.88 13.06 -6.30	282.65 16.96 -3.94	85.49 4.76 0.00	56.64 2.65 0.00	53.44 1.97 0.00
REYNOLDS_115KV_TB3 80639	41.92 0.98 0.00	40.32 0.88 0.00	40.17 0.97 0.00	39.51 1.00 0.00	39.79 0.93 0.00	41.40 0.91 0.00	40.87 0.89 0.00	40.55 0.98 0.00	43.38 0.88 0.00	45.64 1.03 0.00	43.64 0.97 0.00	68.95 1.26 0.00	67.64 1.37 0.00	86.62 1.68 -1.50	194.21 4.09 0.00	183.01 5.23 -2.33	195.98 5.26 -12.93	447.92 13.64 -36.64	480.32 10.43 -196.23	212.72 7.21 0.00	270.79 9.04 0.00	83.13 2.40 0.00	55.92 1.92 0.00	53.16 1.68 0.00
RIVERBAY____ 323610	43.06 2.11 0.00	41.36 1.92 0.00	41.10 1.90 0.00	40.58 2.07 0.00	40.72 1.86 0.00	42.08 1.59 0.00	41.88 1.90 0.00	41.70 2.12 0.00	44.94 2.45 0.00	47.65 3.05 0.00	46.02 3.35 0.01	72.96 5.28 0.00	71.73 5.48 0.01	97.28 7.47 -6.37	207.37 17.25 0.00	202.63 17.29 -9.88	251.43 18.64 -55.00	545.21 40.61 -106.97	385.78 26.97 -85.15	224.57 19.06 0.00	284.68 22.93 0.00	87.87 7.13 -0.01	58.90 4.90 0.00	55.28 3.82 0.01
RIVERSDE_115KV_TB3 55908	41.82 0.87 0.00	40.22 0.78 0.00	40.06 0.86 0.00	39.41 0.90 0.00	39.69 0.83 0.00	41.28 0.80 0.00	40.76 0.78 0.00	40.46 0.88 0.00	43.29 0.79 0.00	45.55 0.94 0.00	43.57 0.90 0.00	68.85 1.16 0.00	67.55 1.28 0.00	86.51 1.60 -1.48	194.02 3.90 0.00	182.77 5.02 -2.29	195.62 5.08 -12.75	447.23 13.19 -36.40	481.27 9.88 -197.73	212.35 6.84 0.00	270.23 8.48 0.00	82.99 2.25 0.00	55.80 1.81 0.00	53.06 1.58 0.00
ROARING__BROOK_WT_PWR 323790	40.48 -0.47 0.00	39.01 -0.43 0.00	38.73 -0.47 0.00	38.07 -0.44 0.00	38.54 -0.32 0.00	40.23 -0.26 0.00	39.77 -0.21 0.00	39.36 -0.22 0.00	42.25 -0.24 0.00	44.23 -0.38 0.00	42.22 -0.45 0.00	66.98 -0.71 0.00	65.46 -0.81 0.00	82.28 -1.16 0.00	186.81 -3.31 0.00	172.15 -3.30 0.00	174.35 -3.43 0.00	390.85 -6.78 0.00	269.52 -4.14 0.00	200.47 -3.45 1.59	256.69 -4.07 0.99	79.71 -1.02 0.00	53.27 -0.72 0.00	50.80 -0.67 0.00
ROCHESRG_115KV_T4 355643	41.81 0.86 0.00	39.87 0.43 0.00	39.28 0.08 0.00	38.31 -0.20 0.00	38.73 -0.13 0.00	40.58 0.09 0.00	40.19 0.21 0.00	39.75 0.18 0.00	43.11 0.61 0.00	46.24 1.63 0.00	44.60 1.93 0.00	71.03 3.34 0.00	69.23 2.96 0.00	86.70 3.27 0.00	196.84 6.72 0.00	179.70 4.25 0.00	181.98 4.19 0.00	404.88 6.64 -0.60	287.63 4.76 -9.20	211.48 5.97 0.00	272.08 10.33 0.00	83.87 3.14 0.00	55.71 1.71 0.00	52.47 1.00 0.00
ROCHESTER_9_IC 23652	42.14 1.19 0.00	40.17 0.73 0.00	39.56 0.35 0.00	38.58 0.07 0.00	38.99 0.13 0.00	40.87 0.38 0.00	40.49 0.51 0.00	40.05 0.47 0.00	43.42 0.93 0.00	46.61 2.00 0.00	44.99 2.31 0.00	71.72 4.03 0.00	69.91 3.65 0.00	87.60 4.16 0.00	198.93 8.81 0.00	181.60 6.15 0.00	183.89 6.10 0.00	409.24 11.00 -0.61	290.72 7.77 -9.29	213.72 8.21 0.00	274.90 13.15 0.00	84.71 3.98 0.00	56.22 2.22 0.00	52.92 1.45 0.00
ROCKVIEW_13_KV_LD 356306	42.69 1.74 0.00	41.05 1.61 0.00	40.81 1.61 0.00	40.28 1.77 0.00	40.49 1.63 0.00	41.87 1.38 0.00	41.58 1.60 0.00	41.54 1.97 0.00	44.68 2.19 0.00	47.43 2.82 0.00	45.80 3.13 0.00	72.43 4.74 0.00	71.10 4.84 0.00	96.40 6.60 -6.37	205.33 15.20 0.00	200.73 15.39 -9.88	249.35 16.61 -54.96	541.46 36.95 -106.88	383.23 24.42 -85.16	222.46 16.94 0.00	281.78 20.03 0.00	86.77 6.03 0.00	58.25 4.25 0.00	54.76 3.29 0.00
ROME____115KV_TB2 80656	42.62 1.67 0.00	40.95 1.52 0.00	40.58 1.38 0.00	39.86 1.34 0.00	40.32 1.46 0.00	42.13 1.64 0.00	41.74 1.76 0.00	41.23 1.65 0.00	44.37 1.88 0.00	46.77 2.16 0.00	44.76 2.09 0.00	71.10 3.41 0.00	69.72 3.45 0.00	88.03 4.60 0.00	200.82 10.70 0.00	184.49 9.03 0.00	186.50 8.71 0.00	419.06 21.43 0.00	289.51 15.85 0.00	224.88 13.06 -6.30	282.65 16.96 -3.94	85.49 4.76 0.00	56.64 2.65 0.00	53.44 1.97 0.00
ROSETON__1 23587	42.09 1.14 0.00	40.48 1.04 0.00	40.26 1.05 0.00	39.69 1.17 0.00	39.91 1.05 0.00	41.36 0.87 0.00	41.00 1.02 0.00	40.86 1.28 0.00	43.90 1.40 0.00	46.49 1.88 0.00	44.78 2.11 0.00	70.82 3.13 0.00	69.40 3.14 0.00	87.71 4.28 0.00	199.92 9.80 0.00	185.86 10.41 0.00	189.09 11.30 0.00	427.94 24.79 -5.52	374.85 16.58 -84.61	217.19 11.68 0.00	275.30 13.56 0.00	84.88 4.14 0.00	57.07 3.07 0.00	53.86 2.39 0.00
ROSETON__2 23588	42.09 1.14 0.00	40.48 1.04 0.00	40.26 1.05 0.00	39.69 1.17 0.00	39.91 1.05 0.00	41.36 0.87 0.00	41.00 1.02 0.00	40.86 1.28 0.00	43.90 1.40 0.00	46.49 1.88 0.00	44.78 2.11 0.00	70.82 3.13 0.00	69.40 3.14 0.00	87.71 4.28 0.00	199.92 9.80 0.00	185.86 10.41 0.00	189.09 11.30 0.00	427.94 24.79 -5.52	374.85 16.58 -84.61	217.19 11.68 0.00	275.30 13.56 0.00	84.88 4.14 0.00	57.07 3.07 0.00	53.86 2.39 0.00
ROTTRDAM_115KV_TB3 80664	42.47 1.52 0.00	40.82 1.39 0.00	40.62 1.41 0.00	39.95 1.44 0.00	40.25 1.39 0.00	41.89 1.40 0.00	41.37 1.39 0.00	41.04 1.46 0.00	43.99 1.49 0.00	46.30 1.69 0.00	44.38 1.71 0.00	70.31 2.62 0.00	68.95 2.69 0.00	88.18 3.39 -1.36	197.90 7.77 0.00	185.82 8.26 -2.11	197.97 8.46 -11.73	458.34 20.30 -40.40	576.43 14.64 -288.13	216.20 10.69 0.00	275.24 13.49 0.00	84.68 3.95 0.00	56.74 2.75 0.00	53.92 2.44 0.00
RUSSELL__1 23602	42.43 1.48 0.00	40.43 0.99 0.00	39.80 0.60 0.00	38.80 0.29 0.00	39.22 0.36 0.00	41.11 0.62 0.00	40.74 0.76 0.00	40.29 0.71 0.00	43.70 1.20 0.00	46.90 2.29 0.00	45.31 2.63 0.00	72.25 4.56 0.00	70.48 4.21 0.00	88.37 4.93 0.00	200.76 10.64 0.00	183.24 7.79 0.00	185.60 7.82 0.00	413.14 14.90 -0.61	293.46 10.51 -9.29	215.73 10.21 0.00	277.37 15.62 0.00	85.44 4.70 0.00	56.68 2.68 0.00	53.33 1.85 0.00
RUSSELL__2 23532	42.43 1.48 0.00	40.43 0.99 0.00	39.80 0.60 0.00	38.80 0.29 0.00	39.22 0.36 0.00	41.11 0.62 0.00	40.74 0.76 0.00	40.29 0.71 0.00	43.70 1.20 0.00	46.90 2.29 0.00	45.31 2.63 0.00	72.25 4.56 0.00	70.48 4.21 0.00	88.37 4.93 0.00	200.76 10.64 0.00	183.24 7.79 0.00	185.60 7.82 0.00	413.14 14.90 -0.61	293.46 10.51 -9.29	215.73 10.21 0.00	277.37 15.62 0.00	85.44 4.70 0.00	56.68 2.68 0.00	53.33 1.85 0.00

RUSSELL___3 23549	42.43 1.48 0.00	40.43 0.99 0.00	39.80 0.60 0.00	38.80 0.29 0.00	39.22 0.36 0.00	41.11 0.62 0.00	40.74 0.76 0.00	40.29 0.71 0.00	43.70 1.20 0.00	46.90 2.29 0.00	45.31 2.63 0.00	72.25 4.56 0.00	70.48 4.21 0.00	88.37 4.93 0.00	200.76 10.64 0.00	183.24 7.79 0.00	185.60 7.82 0.00	413.14 14.90 -0.61	293.46 10.51 -9.29	215.73 10.21 0.00	277.37 15.62 0.00	85.44 4.70 0.00	56.68 2.68 0.00	53.33 1.85 0.00
RUSSELL___4 23556	42.43 1.48 0.00	40.43 0.99 0.00	39.80 0.60 0.00	38.80 0.29 0.00	39.22 0.36 0.00	41.11 0.62 0.00	40.74 0.76 0.00	40.29 0.71 0.00	43.70 1.20 0.00	46.90 2.29 0.00	45.31 2.63 0.00	72.25 4.56 0.00	70.48 4.21 0.00	88.37 4.93 0.00	200.76 10.64 0.00	183.24 7.79 0.00	185.60 7.82 0.00	413.14 14.90 -0.61	293.46 10.51 -9.29	215.73 10.21 0.00	277.37 15.62 0.00	85.44 4.70 0.00	56.68 2.68 0.00	53.33 1.85 0.00
RUSSELL___STATION 23914	42.43 1.48 0.00	40.43 0.99 0.00	39.80 0.60 0.00	38.80 0.29 0.00	39.22 0.36 0.00	41.11 0.62 0.00	40.74 0.76 0.00	40.29 0.71 0.00	43.70 1.20 0.00	46.90 2.29 0.00	45.31 2.63 0.00	72.25 4.56 0.00	70.48 4.21 0.00	88.37 4.93 0.00	200.76 10.64 0.00	183.24 7.79 0.00	185.60 7.82 0.00	413.14 14.90 -0.61	293.46 10.51 -9.29	215.73 10.21 0.00	277.37 15.62 0.00	85.44 4.70 0.00	56.68 2.68 0.00	53.33 1.85 0.00
S SALMON___HYD 24043	41.36 0.41 0.00	39.78 0.34 0.00	39.34 0.14 0.00	38.67 0.16 0.00	39.17 0.31 0.00	40.95 0.46 0.00	40.51 0.53 0.00	39.98 0.40 0.00	42.94 0.45 0.00	45.29 0.68 0.00	43.34 0.66 0.00	68.52 0.83 0.00	67.28 1.02 0.00	84.70 1.26 0.00	192.62 2.50 0.00	176.90 1.45 0.00	179.24 1.46 0.00	401.06 3.43 0.00	276.10 2.44 0.00	217.50 4.44 -7.55	273.01 6.54 -4.72	82.75 2.02 0.00	55.00 1.01 0.00	51.78 0.31 0.00
S.PERRY___115KV_TB1 80734	42.45 1.50 0.00	40.43 1.00 0.00	39.83 0.63 0.00	38.84 0.33 0.00	39.27 0.41 0.00	41.14 0.65 0.00	40.76 0.78 0.00	40.38 0.80 0.00	43.59 1.10 0.00	46.41 1.80 0.00	44.60 1.92 0.00	71.08 3.39 0.00	68.82 2.55 0.00	83.69 0.25 0.00	189.00 -1.12 0.00	172.86 -2.59 0.00	174.73 -3.06 0.00	389.20 -9.34 -0.91	283.49 -4.11 -13.94	207.26 1.75 0.00	267.44 5.69 0.00	85.22 4.48 0.00	56.64 2.65 0.00	53.35 1.88 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.62 0.67 0.00	39.53 0.09 0.00	38.80 -0.40 0.00	37.71 -0.81 0.00	38.18 -0.68 0.00	40.05 -0.44 0.00	39.66 -0.32 0.00	39.23 -0.35 0.00	42.83 0.34 0.00	46.45 1.85 0.00	44.84 2.17 0.00	71.35 3.66 0.00	69.10 2.83 0.00	86.19 2.75 0.00	194.99 4.87 0.00	176.78 1.32 0.00	178.92 1.13 0.00	396.84 -1.63 -0.83	285.15 -1.26 -12.75	207.66 2.15 0.00	269.90 8.15 0.00	83.04 2.31 0.00	55.21 1.21 0.00	51.97 0.50 0.00
SAWYER___23_KV_LOAD 55526	41.62 0.67 0.00	39.53 0.09 0.00	38.80 -0.40 0.00	37.71 -0.81 0.00	38.18 -0.68 0.00	40.05 -0.44 0.00	39.66 -0.32 0.00	39.23 -0.35 0.00	42.83 0.34 0.00	46.45 1.85 0.00	44.84 2.17 0.00	71.35 3.66 0.00	69.10 2.83 0.00	86.19 2.75 0.00	194.99 4.87 0.00	176.78 1.32 0.00	178.92 1.13 0.00	396.84 -1.63 -0.83	285.15 -1.26 -12.75	207.66 2.15 0.00	269.90 8.15 0.00	83.04 2.31 0.00	55.21 1.21 0.00	51.97 0.50 0.00
SELKIRK___I 23801	41.36 0.41 0.00	39.80 0.36 0.00	39.68 0.48 0.00	39.03 0.52 0.00	39.31 0.44 0.00	40.91 0.42 0.00	40.32 0.34 0.00	39.96 0.38 0.00	42.73 0.23 0.00	44.86 0.25 0.00	42.75 0.07 0.00	67.54 -0.15 0.00	66.22 -0.05 0.00	84.57 -0.19 -1.33	190.20 0.08 0.00	178.84 1.34 -2.06	190.57 1.34 -11.44	433.16 4.17 -31.35	434.85 3.82 -157.37	208.32 2.81 0.00	265.83 4.08 0.00	81.80 1.07 0.00	55.04 1.05 0.00	52.46 0.99 0.00
SELKIRK___II 23799	41.66 0.71 0.00	40.08 0.64 0.00	39.94 0.73 0.00	39.29 0.78 0.00	39.56 0.70 0.00	41.15 0.66 0.00	40.59 0.61 0.00	40.27 0.69 0.00	43.12 0.63 0.00	45.34 0.73 0.00	43.16 0.49 0.00	68.05 0.36 0.00	66.73 0.46 0.00	85.40 0.54 -1.42	191.61 1.49 0.00	180.29 2.64 -2.20	192.65 2.62 -12.24	437.76 6.84 -33.28	443.48 5.56 -164.26	209.55 4.04 0.00	266.72 4.97 0.00	82.21 1.48 0.00	55.48 1.49 0.00	52.89 1.41 0.00
SENECA OSWGO___HYD 24041	41.18 0.23 0.00	39.64 0.21 0.00	39.30 0.10 0.00	38.56 0.05 0.00	38.93 0.07 0.00	40.64 0.15 0.00	40.12 0.14 0.00	39.59 0.01 0.00	42.57 0.08 0.00	44.96 0.35 0.00	43.15 0.48 0.00	68.41 0.72 0.00	67.02 0.75 0.00	84.41 0.97 0.00	192.55 2.43 0.00	177.36 1.90 0.00	179.81 2.03 0.00	400.23 2.60 0.00	274.43 0.77 0.00	210.07 2.16 -2.39	266.06 2.81 -1.50	81.72 0.98 0.00	54.53 0.53 0.00	51.67 0.19 0.00
SENECA___115KV_TB3 355854	42.03 1.08 0.00	39.96 0.53 0.00	39.22 0.01 0.00	38.14 -0.37 0.00	38.62 -0.24 0.00	40.48 0.00 0.00	40.10 0.12 0.00	39.72 0.14 0.00	43.38 0.88 0.00	47.04 2.43 0.00	45.44 2.76 0.00	72.30 4.61 0.00	70.12 3.85 0.00	87.64 4.20 0.00	198.51 8.39 0.00	180.05 4.60 -0.01	182.14 4.35 0.00	405.32 5.54 -2.15	290.22 3.13 -13.42	210.56 5.05 0.00	273.65 11.91 0.00	84.01 3.27 0.00	55.81 1.81 0.00	52.54 1.07 0.00
SENECA___ENERGY 23797	41.73 0.78 0.00	40.00 0.57 0.00	39.51 0.30 0.00	38.74 0.23 0.00	39.14 0.28 0.00	40.86 0.37 0.00	40.47 0.49 0.00	40.05 0.47 0.00	43.21 0.72 0.00	45.91 1.30 0.00	44.22 1.55 0.00	70.12 2.43 0.00	68.60 2.34 0.00	86.43 2.99 0.00	197.17 7.05 0.00	180.92 5.46 0.00	183.43 5.64 0.00	409.13 10.84 -0.65	290.85 7.15 -10.04	214.37 7.51 -1.35	272.88 10.29 -0.84	83.68 2.95 0.00	55.67 1.67 0.00	52.56 1.09 0.00
SHOEMAKER___GT 23640	42.11 1.16 0.00	40.50 1.06 0.00	40.25 1.05 0.00	39.65 1.14 0.00	39.91 1.05 0.00	41.39 0.90 0.00	41.00 1.02 0.00	40.81 1.23 0.00	43.85 1.35 0.00	46.38 1.77 0.00	44.61 1.94 0.00	70.60 2.91 0.00	69.24 2.97 0.00	82.47 4.03 4.99	199.50 9.38 0.00	177.44 9.73 7.74	145.45 10.72 43.06	347.07 23.91 74.47	365.42 16.20 -75.55	217.12 11.61 0.00	275.51 13.76 0.00	84.86 4.13 0.00	56.96 2.96 0.00	53.79 2.32 0.00
SHOEMAKR_138KV_BK 111 55601	42.05 1.10 0.00	40.44 1.01 0.00	40.21 1.00 0.00	39.61 1.10 0.00	39.85 0.99 0.00	41.33 0.84 0.00	40.94 0.95 0.00	40.77 1.19 0.00	43.81 1.31 0.00	46.35 1.74 0.00	44.61 1.94 0.00	70.62 2.92 0.00	69.24 2.97 0.00	82.76 4.06 4.73	199.55 9.43 0.00	177.90 9.79 7.34	147.73 10.76 40.82	351.20 23.95 70.38	364.64 16.12 -74.86	217.01 11.50 0.00	275.29 13.54 0.00	84.81 4.07 0.00	56.91 2.91 0.00	53.73 2.25 0.00
SHOREHAM_IC_1 23715	44.39 3.13 -0.31	42.53 3.09 0.00	42.43 3.23 0.00	41.93 3.42 0.00	41.98 3.12 0.00	42.89 2.40 0.00	42.73 2.75 0.00	42.61 3.03 0.00	45.31 2.81 0.00	48.00 3.39 0.00	46.74 4.07 0.00	116.06 6.17 -42.20	390.14 5.91 -317.97	366.12 6.89 -275.79	345.84 15.27 -140.45	319.63 15.18 -129.00	350.74 16.13 -156.82	560.46 37.77 -125.06	385.90 23.69 -88.55	295.93 18.13 -72.29	282.51 20.05 -0.71	108.94 7.56 -20.65	56.86 5.62 2.76	55.83 4.36 0.00

SHOREHAM_IC_2 23716	44.39 3.13 -0.31	42.53 3.09 0.00	42.43 3.23 0.00	41.93 3.42 0.00	41.98 3.12 0.00	42.89 2.40 0.00	42.73 2.75 0.00	42.61 3.03 0.00	45.31 2.81 0.00	48.00 3.39 0.00	46.74 4.07 0.00	116.06 6.17 -42.20	390.14 5.91 -317.97	366.12 6.89 -275.79	345.84 15.27 -140.45	319.63 15.18 -129.00	350.74 16.13 -156.82	560.46 37.77 -125.06	385.90 23.69 -88.55	295.93 18.13 -72.29	282.51 20.05 -0.71	108.94 7.56 -20.65	56.86 5.62 2.76	55.83 4.36 0.00
SISSONVILLE____ 23735	38.99 -1.96 0.00	37.65 -1.79 0.00	37.47 -1.74 0.00	36.77 -1.74 0.00	37.23 -1.63 0.00	38.93 -1.56 0.00	38.56 -1.42 0.00	38.18 -1.41 0.00	40.91 -1.58 0.00	42.41 -2.20 0.00	39.78 -2.89 0.00	63.29 -4.40 0.00	61.87 -4.40 0.00	77.67 -5.76 0.00	176.07 -14.04 0.00	162.10 -13.35 0.00	163.66 -14.12 0.00	369.65 -27.98 0.00	256.08 -17.58 0.00	167.84 -13.50 24.17	231.52 -15.11 15.11	76.98 -3.76 0.00	51.00 -3.00 0.00	48.64 -2.83 0.00
SITHE_IND_GS1 24169	40.54 -0.41 0.00	39.02 -0.41 0.00	38.71 -0.50 0.00	37.99 -0.53 0.00	38.35 -0.51 0.00	40.01 -0.48 0.00	39.47 -0.51 0.00	38.92 -0.66 0.00	41.83 -0.66 0.00	44.14 -0.47 0.00	42.37 -0.31 0.00	67.17 -0.52 0.00	65.75 -0.52 0.00	82.78 -0.66 0.00	188.77 -1.35 0.00	173.86 -1.59 0.00	176.14 -1.65 0.00	392.66 -4.97 0.00	269.56 -4.11 0.00	203.55 -1.96 0.00	259.50 -2.25 0.00	80.11 -0.63 0.00	53.51 -0.49 0.00	50.77 -0.71 0.00
SITHE_IND_GS2 24170	40.54 -0.41 0.00	39.02 -0.41 0.00	38.71 -0.50 0.00	37.99 -0.53 0.00	38.35 -0.51 0.00	40.01 -0.48 0.00	39.47 -0.51 0.00	38.92 -0.66 0.00	41.83 -0.66 0.00	44.14 -0.47 0.00	42.37 -0.31 0.00	67.17 -0.52 0.00	65.75 -0.52 0.00	82.78 -0.66 0.00	188.77 -1.35 0.00	173.86 -1.59 0.00	176.14 -1.65 0.00	392.66 -4.97 0.00	269.56 -4.11 0.00	203.55 -1.96 0.00	259.50 -2.25 0.00	80.11 -0.63 0.00	53.51 -0.49 0.00	50.77 -0.71 0.00
SITHE_IND_GS3 24171	40.54 -0.41 0.00	39.02 -0.41 0.00	38.71 -0.50 0.00	37.99 -0.53 0.00	38.35 -0.51 0.00	40.01 -0.48 0.00	39.47 -0.51 0.00	38.92 -0.66 0.00	41.83 -0.66 0.00	44.14 -0.47 0.00	42.37 -0.31 0.00	67.17 -0.52 0.00	65.75 -0.52 0.00	82.78 -0.66 0.00	188.77 -1.35 0.00	173.86 -1.59 0.00	176.14 -1.65 0.00	392.66 -4.97 0.00	269.56 -4.11 0.00	203.55 -1.96 0.00	259.50 -2.25 0.00	80.11 -0.63 0.00	53.51 -0.49 0.00	50.77 -0.71 0.00
SITHE_IND_GS4 24172	40.54 -0.41 0.00	39.02 -0.41 0.00	38.71 -0.50 0.00	37.99 -0.53 0.00	38.35 -0.51 0.00	40.01 -0.48 0.00	39.47 -0.51 0.00	38.92 -0.66 0.00	41.83 -0.66 0.00	44.14 -0.47 0.00	42.37 -0.31 0.00	67.17 -0.52 0.00	65.75 -0.52 0.00	82.78 -0.66 0.00	188.77 -1.35 0.00	173.86 -1.59 0.00	176.14 -1.65 0.00	392.66 -4.97 0.00	269.56 -4.11 0.00	203.55 -1.96 0.00	259.50 -2.25 0.00	80.11 -0.63 0.00	53.51 -0.49 0.00	50.77 -0.71 0.00
SITHE____BATAVIA 24024	42.83 1.88 0.00	40.64 1.20 0.00	39.90 0.70 0.00	38.79 0.28 0.00	39.25 0.39 0.00	41.30 0.81 0.00	69.15 1.38 -27.79	40.60 1.02 0.00	44.27 1.78 0.00	47.81 3.20 0.00	46.22 3.55 0.00	73.53 5.85 0.00	71.55 5.29 0.00	89.43 5.99 0.00	202.31 12.19 0.00	182.02 6.56 0.00	183.12 5.34 0.00	410.23 10.79 -1.80	293.04 8.50 -10.88	214.74 9.22 0.00	277.58 15.83 0.00	85.37 4.64 0.00	56.55 2.55 0.00	53.14 1.66 0.00
SITHE____INDEPEND 23800	40.54 -0.41 0.00	39.02 -0.41 0.00	38.70 -0.50 0.00	37.99 -0.53 0.00	38.35 -0.51 0.00	40.00 -0.48 0.00	39.47 -0.51 0.00	38.92 -0.66 0.00	41.84 -0.66 0.00	44.14 -0.47 0.00	42.37 -0.31 0.00	67.17 -0.52 0.00	65.75 -0.52 0.00	82.78 -0.66 0.00	188.75 -1.37 0.00	173.86 -1.59 0.00	176.15 -1.63 0.00	392.66 -4.97 0.00	269.54 -4.13 0.00	203.57 -1.94 0.00	259.50 -2.25 0.00	80.11 -0.63 0.00	53.50 -0.49 0.00	50.77 -0.71 0.00
SITHE____MASSENA 23902	39.98 -0.97 0.00	38.60 -0.83 0.00	38.43 -0.77 0.00	37.71 -0.80 0.00	38.13 -0.73 0.00	39.83 -0.66 0.00	39.38 -0.61 0.00	38.98 -0.60 0.00	41.81 -0.69 0.00	43.40 -1.21 0.00	40.87 -1.80 0.00	65.02 -2.67 0.00	63.47 -2.80 0.00	79.67 -3.77 0.00	180.79 -9.33 0.00	166.49 -8.96 0.00	168.22 -9.57 0.00	378.58 -19.05 0.00	261.57 -12.09 0.00	185.28 -10.06 10.16	243.15 -12.25 6.36	77.38 -3.36 0.00	51.62 -2.38 0.00	49.52 -1.96 0.00
SITHE____OGDNSBRG 24021	40.19 -0.75 0.00	38.78 -0.65 0.00	38.60 -0.61 0.00	37.88 -0.63 0.00	38.33 -0.53 0.00	40.08 -0.41 0.00	39.70 -0.28 0.00	39.29 -0.29 0.00	42.08 -0.41 0.00	43.46 -1.15 0.00	40.78 -1.89 0.00	64.92 -2.77 0.00	63.45 -2.81 0.00	79.67 -3.77 0.00	180.64 -9.48 0.00	166.30 -9.15 0.00	167.81 -9.98 0.00	378.71 -18.92 0.00	263.23 -10.43 0.00	179.03 -7.75 18.73	241.52 -8.51 11.71	78.63 -2.10 0.00	52.21 -1.79 0.00	49.93 -1.55 0.00
SITHE____STERLING 23777	42.40 1.45 0.00	40.75 1.31 0.00	40.41 1.21 0.00	39.67 1.15 0.00	40.09 1.23 0.00	41.89 1.40 0.00	41.43 1.45 0.00	40.94 1.37 0.00	44.04 1.55 0.00	46.42 1.81 0.00	44.48 1.81 0.00	70.68 2.99 0.00	69.31 3.04 0.00	87.48 4.04 0.00	199.64 9.52 0.00	183.24 7.79 0.00	185.02 7.24 0.00	414.65 17.02 0.00	286.04 12.37 0.00	220.06 10.26 -4.28	277.74 13.31 -2.68	84.50 3.76 0.00	56.15 2.15 0.00	53.11 1.63 0.00
SLEIGHT__34_KV_TB1 80719	42.63 1.68 0.00	40.91 1.48 0.00	40.35 1.14 0.00	39.60 1.09 0.00	40.02 1.16 0.00	41.74 1.25 0.00	41.43 1.46 0.00	41.06 1.48 0.00	44.29 1.79 0.00	47.02 2.41 0.00	45.40 2.73 0.00	72.03 4.34 0.00	70.49 4.22 0.00	88.85 5.41 0.00	202.82 12.70 0.00	186.26 10.81 0.00	188.82 11.04 0.00	421.14 22.90 -0.60	298.49 15.56 -9.27	220.82 14.00 -1.30	280.78 18.22 -0.82	86.13 5.40 0.00	57.12 3.12 0.00	53.76 2.28 0.00
SOUTH CAIRO____GT 23612	43.51 2.57 0.00	41.73 2.30 0.00	41.52 2.32 0.00	40.76 2.25 0.00	41.06 2.20 0.00	42.84 2.35 0.00	42.38 2.40 0.00	41.98 2.41 0.00	44.87 2.38 0.00	46.93 2.32 0.00	44.37 1.69 0.00	70.09 2.39 0.00	68.75 2.49 0.00	87.63 3.16 -1.03	198.77 8.65 0.00	186.70 9.65 -1.59	197.22 10.57 -8.86	450.97 27.31 -26.03	443.66 21.40 -148.60	222.75 17.23 0.00	283.68 21.93 0.00	86.63 5.90 0.00	58.02 4.02 0.00	55.16 3.69 0.00
SOUTH HAMPTN____IC 23720	45.18 3.94 -0.30	43.27 3.83 0.00	43.14 3.94 0.00	42.63 4.12 0.00	42.68 3.82 0.00	43.62 3.13 0.00	43.49 3.51 0.00	43.40 3.82 0.00	46.27 3.78 0.00	49.12 4.51 0.00	47.85 5.18 0.00	116.14 8.05 -40.40	378.84 8.17 -304.40	350.39 10.52 -256.44	338.82 23.63 -125.06	312.13 22.83 -113.84	347.80 23.82 -146.20	571.45 52.26 -121.56	394.74 33.14 -87.93	289.35 23.19 -60.64	288.49 26.09 -0.65	108.90 9.46 -18.71	58.02 6.81 2.78	56.93 5.46 0.00
SOUTHDOW_115KV_TB1 355954	42.88 1.92 0.00	40.80 1.36 0.00	39.95 0.75 0.00	38.87 0.36 0.00	39.33 0.47 0.00	41.32 0.83 0.00	41.09 1.11 0.00	40.93 1.35 0.00	44.87 2.37 0.00	48.71 4.10 0.00	47.00 4.33 0.00	74.70 7.01 0.00	72.65 6.39 0.00	89.91 6.47 0.00	203.46 13.34 0.00	183.61 8.15 0.00	185.06 7.27 0.00	412.13 12.76 -1.73	296.77 8.44 -14.66	214.17 8.66 0.00	277.33 15.58 0.00	84.14 3.40 0.00	56.37 2.37 0.00	53.60 2.12 0.00

STEUBEN_REC_LFGE 323667	42.48 1.53 0.00	40.54 1.10 0.00	39.97 0.77 0.00	39.05 0.54 0.00	39.52 0.66 0.00	41.33 0.83 0.00	40.74 0.76 0.00	40.31 0.73 0.00	43.94 1.44 0.00	47.45 2.84 0.00	45.55 2.88 0.00	72.47 4.78 0.00	70.61 4.34 0.00	88.38 4.94 0.00	201.28 11.16 0.00	182.90 7.45 0.00	185.01 7.23 0.00	410.89 12.08 -1.18	300.18 8.40 -18.11	214.38 8.87 0.00	275.61 13.86 0.00	83.96 3.22 0.00	55.79 1.79 0.00	52.72 1.25 0.00
STONY__BROOK 24151	44.11 2.79 -0.37	42.21 2.77 0.00	42.12 2.92 0.00	41.63 3.12 0.00	41.68 2.81 0.00	42.56 2.07 0.00	42.41 2.43 0.00	42.31 2.73 0.00	44.95 2.46 0.00	47.45 2.84 0.00	46.41 3.73 0.00	127.13 5.54 -53.90	477.97 5.65 -406.06	480.14 7.66 -389.04	434.38 17.60 -226.66	425.53 17.27 -232.80	451.99 18.27 -255.93	594.76 39.91 -157.21	394.71 25.60 -95.46	386.66 17.72 -163.44	282.26 19.42 -1.09	118.77 6.46 -31.58	56.07 4.78 2.70	55.29 3.82 0.00
STURGEON_POOL_HYD 23609	42.18 1.23 0.00	40.56 1.12 0.00	40.36 1.15 0.00	39.79 1.28 0.00	40.00 1.14 0.00	41.40 0.91 0.00	41.13 1.15 0.00	42.00 2.42 0.00	45.20 2.71 0.00	48.03 3.42 0.00	46.38 3.70 0.00	73.51 5.82 0.00	72.25 5.99 0.00	91.71 8.27 0.00	209.35 19.23 0.00	194.68 19.22 0.00	198.97 21.19 0.00	452.00 47.90 -6.47	404.95 32.00 -99.29	228.23 22.71 0.00	277.82 16.07 0.00	85.72 4.98 0.00	57.60 3.61 0.00	54.26 2.79 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.04 1.10 0.00	40.43 0.99 0.00	40.18 0.98 0.00	39.61 1.10 0.00	39.84 0.98 0.00	41.27 0.78 0.00	40.92 0.94 0.00	40.81 1.23 0.00	43.90 1.41 0.00	46.54 1.93 0.00	44.88 2.21 0.00	71.04 3.35 0.00	69.69 3.43 0.00	82.30 4.72 5.86	201.14 11.02 0.00	177.65 11.29 9.09	139.57 12.34 50.55	336.87 27.37 88.14	369.77 18.24 -77.86	218.21 12.70 0.00	276.52 14.77 0.00	85.15 4.41 0.00	57.14 3.14 0.00	53.83 2.36 0.00
SWANROAD_115KV_TB1 355699	41.02 0.07 0.00	38.91 -0.53 0.00	38.18 -1.03 0.00	37.07 -1.44 0.00	37.54 -1.32 0.00	39.41 -1.08 0.00	38.98 -1.00 0.00	38.51 -1.07 0.00	42.02 -0.47 0.00	45.60 0.99 0.00	44.09 1.41 0.00	70.13 2.44 0.00	67.75 1.48 0.00	84.35 0.91 0.00	190.50 0.38 0.00	172.60 -2.85 0.00	174.76 -3.03 0.00	388.36 -10.97 -1.70	278.54 -7.28 -12.16	203.41 -2.10 0.00	264.48 2.73 0.00	81.66 0.92 0.00	54.29 0.30 0.00	51.11 -0.37 0.00
SYNERGY__BIOGAS 323694	42.83 1.88 0.00	40.64 1.20 0.00	39.90 0.70 0.00	38.79 0.28 0.00	39.25 0.39 0.00	41.30 0.81 0.00	69.15 1.38 -27.79	40.60 1.02 0.00	44.27 1.78 0.00	47.81 3.20 0.00	46.22 3.55 0.00	73.53 5.85 0.00	71.55 5.29 0.00	89.43 5.99 0.00	202.31 12.19 0.00	182.02 6.56 0.00	183.12 5.34 0.00	410.23 10.79 -1.80	293.04 8.50 -10.88	214.74 9.22 0.00	277.58 15.83 0.00	85.37 4.64 0.00	56.55 2.55 0.00	53.14 1.66 0.00
SYRACUSE__ENERGY_ST1 323597	41.55 0.61 0.00	40.01 0.57 0.00	39.63 0.42 0.00	38.91 0.39 0.00	39.30 0.43 0.00	40.99 0.50 0.00	40.49 0.51 0.00	39.99 0.41 0.00	42.99 0.49 0.00	45.34 0.73 0.00	43.47 0.79 0.00	68.84 1.15 0.00	67.44 1.18 0.00	85.05 1.62 0.00	195.75 5.63 0.00	180.22 4.77 0.00	182.31 4.53 0.00	403.60 5.97 0.00	276.94 3.28 0.00	211.11 3.83 -1.76	267.88 5.03 -1.10	82.29 1.55 0.00	54.90 0.89 0.00	51.97 0.50 0.00
SYRACUSE__ENERGY_ST2 323598	41.55 0.61 0.00	40.01 0.57 0.00	39.63 0.42 0.00	38.91 0.39 0.00	39.30 0.43 0.00	40.99 0.50 0.00	40.49 0.51 0.00	39.99 0.41 0.00	42.99 0.49 0.00	45.34 0.73 0.00	43.47 0.79 0.00	68.84 1.15 0.00	67.44 1.18 0.00	85.05 1.62 0.00	195.75 5.63 0.00	180.22 4.77 0.00	182.31 4.53 0.00	403.60 5.97 0.00	276.94 3.28 0.00	211.11 3.83 -1.76	267.88 5.03 -1.10	82.29 1.55 0.00	54.90 0.89 0.00	51.97 0.50 0.00
SYRACUSE__POWER 24017	41.52 0.58 0.00	39.94 0.51 0.00	39.60 0.40 0.00	38.84 0.33 0.00	39.22 0.36 0.00	40.93 0.43 0.00	40.43 0.45 0.00	39.94 0.36 0.00	42.98 0.49 0.00	45.43 0.82 0.00	43.59 0.92 0.00	69.16 1.47 0.00	67.78 1.52 0.00	85.45 2.02 0.00	195.48 5.36 0.00	179.93 4.48 0.00	182.32 4.54 0.00	406.24 8.10 -0.51	286.31 4.87 -7.78	212.26 4.92 -1.82	269.45 6.57 -1.14	82.67 1.93 0.00	55.14 1.14 0.00	52.23 0.76 0.00
TALLMAN__138KV_BK151 55660	42.14 1.20 0.00	40.54 1.10 0.00	40.27 1.06 0.00	39.74 1.22 0.00	39.95 1.09 0.00	41.34 0.85 0.00	41.04 1.06 0.00	40.97 1.39 0.00	44.09 1.59 0.00	46.81 2.20 0.00	45.22 2.55 0.00	71.59 3.89 0.00	70.23 3.97 0.00	80.86 5.47 8.06	202.81 12.69 0.00	175.85 12.88 12.49	122.20 13.89 69.47	305.41 30.63 122.85	374.65 20.37 -80.62	219.56 14.04 0.00	278.02 16.27 0.00	85.72 4.99 0.00	57.51 3.51 0.00	54.05 2.58 0.00
TEALLAVE_115KV_TB7 355573	41.32 0.37 0.00	39.74 0.30 0.00	39.40 0.20 0.00	38.64 0.13 0.00	39.01 0.15 0.00	40.71 0.22 0.00	40.21 0.23 0.00	39.71 0.13 0.00	42.75 0.25 0.00	45.21 0.60 0.00	43.43 0.75 0.00	68.92 1.23 0.00	67.52 1.26 0.00	85.10 1.66 0.00	194.40 4.28 0.00	178.91 3.46 0.00	181.27 3.48 0.00	403.63 6.00 0.00	277.02 3.36 0.00	211.33 3.75 -2.07	268.02 4.97 -1.29	82.23 1.50 0.00	54.85 0.85 0.00	51.96 0.49 0.00
TELGRAPH_34_KV_EAST 80808	41.88 0.93 0.00	39.74 0.30 0.00	39.00 -0.20 0.00	37.89 -0.62 0.00	38.35 -0.51 0.00	40.26 -0.23 0.00	39.87 -0.11 0.00	39.51 -0.07 0.00	43.15 0.66 0.00	46.74 2.13 0.00	45.18 2.51 0.00	71.91 4.21 0.00	69.65 3.39 0.00	86.90 3.47 0.00	196.46 6.34 0.00	177.97 2.52 -0.01	179.95 2.17 0.00	401.57 1.72 -2.22	286.82 1.69 -11.47	209.99 4.47 0.00	272.24 10.49 0.00	83.87 3.14 0.00	55.66 1.66 0.00	52.32 0.85 0.00
TEMPLE__115KV_TB 2 55572	41.36 0.41 0.00	39.77 0.33 0.00	39.43 0.23 0.00	38.67 0.16 0.00	39.05 0.19 0.00	40.74 0.26 0.00	40.25 0.27 0.00	39.75 0.17 0.00	42.79 0.29 0.00	45.27 0.66 0.00	43.47 0.80 0.00	69.00 1.31 0.00	67.59 1.32 0.00	85.21 1.78 0.00	194.61 4.49 0.00	179.09 3.64 0.00	181.45 3.66 0.00	404.07 6.44 0.00	277.31 3.66 0.00	211.49 3.95 -2.02	268.27 5.26 -1.26	82.31 1.58 0.00	54.91 0.91 0.00	52.01 0.54 0.00
TIANA____69_KV_BK 1 55817	44.92 3.67 -0.30	43.04 3.60 0.00	42.92 3.72 0.00	42.41 3.90 0.00	42.48 3.62 0.00	43.43 2.94 0.00	43.24 3.26 0.00	43.15 3.57 0.00	45.96 3.46 0.00	48.76 4.15 0.00	47.51 4.84 0.00	115.60 7.49 -40.42	378.44 7.63 -304.54	350.06 9.91 -256.71	337.73 22.30 -125.30	311.12 21.56 -114.11	346.76 22.56 -146.41	568.71 49.45 -121.63	393.03 31.42 -87.95	288.38 22.00 -60.86	287.02 24.62 -0.65	108.39 8.92 -18.74	57.64 6.43 2.78	56.58 5.10 0.00
TILDEN__115KV_TB1 80814	41.52 0.58 0.00	39.94 0.51 0.00	39.60 0.40 0.00	38.84 0.33 0.00	39.22 0.36 0.00	40.93 0.43 0.00	40.43 0.45 0.00	39.94 0.36 0.00	42.98 0.49 0.00	45.43 0.82 0.00	43.59 0.92 0.00	69.16 1.47 0.00	67.78 1.52 0.00	85.45 2.02 0.00	195.48 5.36 0.00	179.93 4.48 0.00	182.32 4.54 0.00	406.24 8.10 -0.51	286.31 4.87 -7.78	212.26 4.92 -1.82	269.45 6.57 -1.14	82.67 1.93 0.00	55.14 1.14 0.00	52.23 0.76 0.00

V_XM10_SYNC_DSASP 323789	40.13 -0.82 0.00	38.79 -0.65 0.00	38.91 -0.29 0.00	38.21 -0.30 0.00	38.59 -0.27 0.00	40.22 -0.27 0.00	39.85 -0.13 0.00	39.43 -0.15 0.00	42.19 -0.30 0.00	43.87 -0.74 0.00	41.58 -1.09 0.00	66.08 -1.61 0.00	64.74 -1.53 0.00	81.53 -1.91 0.00	185.73 -4.39 0.00	171.10 -4.35 0.00	173.08 -4.70 0.00	389.42 -8.22 0.00	269.99 -3.67 0.00	194.35 -4.02 7.15	251.08 -6.20 4.47	78.29 -2.44 0.00	52.33 -1.67 0.00	49.90 -1.58 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.30 1.35 0.00	40.67 1.23 0.00	40.41 1.21 0.00	39.85 1.34 0.00	40.07 1.20 0.00	41.49 1.00 0.00	41.18 1.20 0.00	41.12 1.53 0.00	44.25 1.76 0.00	46.99 2.38 0.00	45.38 2.71 0.00	71.84 4.15 0.00	70.50 4.23 0.00	80.64 5.82 8.62	203.61 13.49 0.00	175.75 13.65 13.36	118.21 14.74 74.31	298.42 32.52 131.73	376.50 21.60 -81.24	220.48 14.97 0.00	279.26 17.51 0.00	86.04 5.30 0.00	57.71 3.71 0.00	54.25 2.78 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.58 1.63 0.00	40.96 1.52 0.00	40.74 1.53 0.00	40.23 1.71 0.00	40.42 1.56 0.00	41.78 1.29 0.00	41.53 1.54 0.00	41.50 1.92 0.00	44.68 2.19 0.00	47.46 2.85 0.00	45.82 3.14 0.00	72.47 4.78 0.00	71.21 4.94 0.00	96.53 6.71 -6.38	205.40 15.28 0.00	200.83 15.48 -9.89	249.54 16.72 -55.03	541.82 37.16 -107.03	383.07 24.25 -85.15	222.25 16.74 0.00	281.47 19.72 0.00	86.71 5.97 0.00	58.22 4.22 0.00	54.68 3.21 0.00
W50THST__13_KV_LOAD 356117	42.84 1.90 0.00	41.26 1.83 0.00	41.04 1.84 0.00	40.52 2.00 0.00	40.72 1.86 0.00	42.10 1.62 0.00	41.88 1.90 0.00	41.87 2.29 0.00	45.07 2.57 0.00	47.90 3.29 0.00	46.22 3.54 0.00	73.13 5.45 0.00	71.89 5.63 0.00	97.40 7.58 -6.38	207.34 17.22 0.00	202.60 17.25 -9.89	251.40 18.58 -55.03	545.78 41.12 -107.03	385.57 26.75 -85.15	223.92 18.40 0.00	283.50 21.75 0.00	87.29 6.56 0.00	58.62 4.62 0.00	55.01 3.54 0.00
WADING RIVER_IC_1 23522	44.43 3.18 -0.30	42.58 3.15 0.00	42.48 3.28 0.00	41.98 3.47 0.00	42.03 3.17 0.00	42.94 2.45 0.00	42.78 2.80 0.00	42.66 3.08 0.00	45.38 2.89 0.00	48.05 3.44 0.00	46.82 4.15 0.00	114.28 6.29 -40.30	376.24 6.33 -303.65	346.39 8.20 -254.75	331.79 18.13 -123.54	305.10 17.49 -112.16	340.87 18.32 -144.76	558.87 40.14 -121.09	386.63 25.13 -87.84	282.48 17.73 -59.24	282.04 19.65 -0.64	106.81 7.56 -18.51	56.84 5.64 2.79	55.91 4.43 0.00
WADING RIVER_IC_2 23547	44.43 3.18 -0.30	42.58 3.15 0.00	42.48 3.28 0.00	41.98 3.47 0.00	42.03 3.17 0.00	42.94 2.45 0.00	42.78 2.80 0.00	42.66 3.08 0.00	45.38 2.89 0.00	48.05 3.44 0.00	46.82 4.15 0.00	114.28 6.29 -40.30	376.24 6.33 -303.65	346.39 8.20 -254.75	331.79 18.13 -123.54	305.10 17.49 -112.16	340.87 18.32 -144.76	558.87 40.14 -121.09	386.63 25.13 -87.84	282.48 17.73 -59.24	282.04 19.65 -0.64	106.81 7.56 -18.51	56.84 5.64 2.79	55.91 4.43 0.00
WADING RIVER_IC_3 23601	44.43 3.18 -0.30	42.58 3.15 0.00	42.48 3.28 0.00	41.98 3.47 0.00	42.03 3.17 0.00	42.94 2.45 0.00	42.78 2.80 0.00	42.66 3.08 0.00	45.38 2.89 0.00	48.05 3.44 0.00	46.82 4.15 0.00	114.28 6.29 -40.30	376.24 6.33 -303.65	346.39 8.20 -254.75	331.79 18.13 -123.54	305.10 17.49 -112.16	340.87 18.32 -144.76	558.87 40.14 -121.09	386.63 25.13 -87.84	282.48 17.73 -59.24	282.04 19.65 -0.64	106.81 7.56 -18.51	56.84 5.64 2.79	55.91 4.43 0.00
WALDENNY_12_KV_BK2 80841	42.06 1.11 0.00	39.97 0.54 0.00	39.21 0.01 0.00	38.12 -0.39 0.00	38.62 -0.24 0.00	40.49 0.00 0.00	40.12 0.14 0.00	39.71 0.13 0.00	43.39 0.89 0.00	47.07 2.46 0.00	45.50 2.83 0.00	72.40 4.71 0.00	70.23 3.96 0.00	87.73 4.30 0.00	198.77 8.65 0.00	180.33 4.87 -0.01	182.39 4.60 0.00	405.82 6.13 -2.06	290.48 3.54 -13.29	210.79 5.27 0.00	274.00 12.25 0.00	84.11 3.38 0.00	55.86 1.87 0.00	52.58 1.11 0.00
WALDEN__HYDRO 24148	42.48 1.53 0.00	40.80 1.36 0.00	40.54 1.34 0.00	39.95 1.44 0.00	40.18 1.32 0.00	41.65 1.17 0.00	41.31 1.33 0.00	41.31 1.73 0.00	44.39 1.89 0.00	46.96 2.35 0.00	45.25 2.58 0.00	71.62 3.93 0.00	70.42 4.16 0.00	87.63 5.73 1.53	203.58 13.46 0.00	186.91 13.84 2.38	179.80 15.25 13.24	413.13 34.51 19.00	380.31 23.77 -82.88	222.64 17.13 0.00	281.01 19.26 0.00	86.40 5.66 0.00	57.93 3.93 0.00	54.55 3.08 0.00
WARRENSBURG____ 23737	43.59 2.64 0.00	41.81 2.37 0.00	41.45 2.25 0.00	40.76 2.24 0.00	41.07 2.21 0.00	42.84 2.35 0.00	42.47 2.49 0.00	42.16 2.59 0.00	45.10 2.60 0.00	47.37 2.76 0.00	45.42 2.75 0.00	72.09 4.40 0.00	70.95 4.69 0.00	90.82 5.98 -1.41	202.74 12.61 0.00	190.91 13.28 -2.18	202.57 12.67 -12.11	469.25 31.42 -40.19	570.18 22.45 -274.07	221.68 16.17 0.00	281.24 19.49 0.00	86.64 5.91 0.00	58.13 4.14 0.00	55.19 3.71 0.00
WATERSIDE____6 8 9 23538	42.41 1.47 0.00	40.83 1.40 0.00	40.64 1.44 0.00	40.16 1.64 0.00	40.32 1.46 0.00	41.64 1.15 0.00	41.44 1.46 0.00	41.36 1.78 0.00	44.00 2.03 0.52	47.30 2.69 0.00	45.10 2.97 0.54	71.82 4.58 0.45	68.74 4.59 2.12	96.11 6.29 -6.38	204.24 14.12 0.00	194.58 14.37 -4.76	248.62 15.83 -55.00	539.61 35.01 -106.97	381.72 22.90 -85.15	218.34 15.62 2.80	276.57 18.45 3.63	87.61 5.70 -1.18	55.56 4.06 2.51	56.15 3.01 -1.66
WATKINRD_115KV_LN8_ILLION 55919	41.25 0.30 0.00	39.63 0.20 0.00	39.44 0.24 0.00	38.82 0.30 0.00	39.12 0.26 0.00	40.73 0.25 0.00	40.22 0.24 0.00	39.94 0.36 0.00	42.77 0.28 0.00	44.96 0.35 0.00	43.05 0.38 0.00	68.27 0.58 0.00	66.90 0.63 0.00	84.35 0.91 0.00	192.29 2.17 0.00	178.20 2.74 0.00	180.72 2.94 0.00	405.74 8.11 0.00	279.69 6.03 0.00	212.33 4.75 -2.06	269.14 6.10 -1.29	82.41 1.68 0.00	55.13 1.14 0.00	52.42 0.94 0.00
WATSON__69_KV_BK 1 55734	44.28 3.11 -0.22	42.49 3.05 0.00	42.39 3.19 0.00	41.89 3.37 0.00	41.93 3.07 0.00	42.91 2.42 0.00	42.73 2.74 0.00	42.68 3.10 0.00	45.41 2.92 0.00	48.16 3.54 -0.01	46.80 4.13 0.00	94.19 6.20 -20.30	225.55 6.31 -152.97	227.23 8.66 -135.13	276.39 20.11 -66.16	261.91 19.93 -66.53	324.23 21.03 -125.42	559.14 46.43 -115.08	390.48 30.00 -86.82	260.24 20.88 -33.85	285.73 23.64 -0.34	98.20 7.68 -9.79	57.44 5.43 1.99	55.73 4.26 0.00
WDELAWARE__HYD 323627	41.89 0.94 0.00	40.26 0.82 0.00	40.01 0.80 0.00	39.41 0.90 0.00	39.64 0.78 0.00	41.08 0.59 0.00	40.80 0.82 0.00	40.99 1.41 0.00	44.03 1.54 0.00	46.50 1.89 0.00	43.71 1.04 0.00	69.48 1.79 0.00	68.18 1.92 0.00	85.41 3.00 1.03	197.63 7.51 0.00	182.10 8.25 1.60	178.64 9.76 8.91	409.16 22.83 11.30	368.06 15.68 -78.72	216.37 10.85 0.00	270.79 9.04 0.00	83.56 2.83 0.00	57.07 3.07 0.00	53.78 2.31 0.00
WEST BABYLON__IC 23714	43.90 2.88 -0.07	42.27 2.83 0.00	42.14 2.94 0.00	41.65 3.14 0.00	41.70 2.84 0.00	42.69 2.20 0.00	42.50 2.52 0.00	42.47 2.89 0.00	45.16 2.67 0.00	47.87 3.26 0.00	46.48 3.81 0.00	78.27 5.69 -4.89	108.92 5.83 -36.82	127.11 8.03 -35.64	221.15 18.74 -12.29	212.92 18.80 -18.66	295.36 20.01 -97.56	547.98 44.19 -106.16	387.42 28.58 -85.18	227.28 19.71 -2.06	284.07 22.24 -0.08	90.04 7.19 -2.11	58.98 5.08 0.09	55.54 4.07 0.00

WEST CANADA___HYD 24049	41.15 0.21 0.00	39.64 0.20 0.00	39.39 0.19 0.00	38.71 0.19 0.00	39.06 0.20 0.00	40.70 0.21 0.00	40.18 0.20 0.00	39.78 0.20 0.00	42.69 0.19 0.00	44.88 0.27 0.00	43.01 0.33 0.00	68.17 0.48 0.00	66.76 0.50 0.00	84.05 0.62 0.00	191.48 1.36 0.00	176.85 1.40 0.00	179.28 1.49 0.00	401.15 3.51 0.00	276.14 2.48 0.00	209.59 2.02 -2.06	265.60 2.56 -1.29	81.50 0.77 0.00	54.52 0.52 0.00	51.88 0.41 0.00
WESTERN_NY_WIND 24143	42.76 1.81 0.00	40.59 1.15 0.00	39.84 0.64 0.00	38.73 0.22 0.00	39.19 0.33 0.00	41.24 0.76 0.00	69.12 1.35 -27.79	40.53 0.96 0.00	44.21 1.72 0.00	47.76 3.15 0.00	46.18 3.51 0.00	73.46 5.77 0.00	71.45 5.19 0.00	89.27 5.84 0.00	201.98 11.86 0.00	181.88 6.43 0.00	183.10 5.31 0.00	410.33 10.79 -1.91	293.11 8.42 -11.03	214.72 9.21 0.00	277.67 15.92 0.00	85.39 4.66 0.00	56.56 2.57 0.00	53.16 1.68 0.00
WESTOVER___LESR 323668	41.65 0.71 0.00	40.07 0.63 0.00	39.71 0.50 0.00	38.98 0.47 0.00	39.38 0.52 0.00	41.03 0.54 0.00	40.52 0.54 0.00	40.15 0.57 0.00	43.36 0.87 0.00	46.03 1.42 0.00	44.12 1.45 0.00	69.87 2.18 0.00	68.47 2.21 0.00	86.32 2.89 0.00	196.88 6.76 0.00	180.62 5.16 0.00	183.06 5.27 0.00	410.18 10.72 -1.83	308.02 6.24 -28.11	211.53 6.02 0.00	270.58 8.83 0.00	83.17 2.43 0.00	55.59 1.59 0.00	52.79 1.32 0.00
WETHRSFD_WT_PWR 323626	41.65 0.70 0.00	39.72 0.28 0.00	39.12 -0.09 0.00	38.14 -0.37 0.00	38.59 -0.27 0.00	40.32 -0.17 0.00	39.82 -0.16 0.00	39.48 -0.10 0.00	43.11 0.61 0.00	46.62 2.01 0.00	44.89 2.22 0.00	71.34 3.65 0.00	69.26 2.99 0.00	86.60 3.16 0.00	196.60 6.48 0.00	178.48 3.03 0.00	180.38 2.60 0.00	400.26 1.22 -1.41	289.37 0.53 -15.18	208.49 2.97 0.00	270.35 8.60 0.00	82.95 2.21 0.00	55.28 1.28 0.00	52.08 0.61 0.00
WHAVSTOR_138KV_BK127 55557	42.06 1.12 0.00	40.46 1.02 0.00	40.21 1.01 0.00	39.67 1.15 0.00	39.87 1.01 0.00	41.27 0.79 0.00	40.97 0.99 0.00	40.89 1.31 0.00	44.00 1.50 0.00	46.70 2.09 0.00	45.09 2.42 0.00	71.35 3.66 0.00	70.02 3.76 0.00	79.89 5.18 8.73	202.09 11.97 0.00	174.17 12.25 13.53	115.79 13.26 75.27	293.49 29.33 133.48	374.51 19.49 -81.36	218.89 13.37 0.00	277.24 15.49 0.00	85.47 4.74 0.00	57.36 3.36 0.00	53.95 2.48 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.06 1.12 0.00	40.46 1.02 0.00	40.21 1.01 0.00	39.67 1.15 0.00	39.87 1.01 0.00	41.27 0.79 0.00	40.97 0.99 0.00	40.89 1.31 0.00	44.00 1.50 0.00	46.70 2.09 0.00	45.09 2.42 0.00	71.35 3.66 0.00	70.02 3.76 0.00	79.89 5.18 8.73	202.09 11.97 0.00	174.17 12.25 13.53	115.79 13.26 75.27	293.49 29.33 133.48	374.51 19.49 -81.36	218.89 13.37 0.00	277.24 15.49 0.00	85.47 4.74 0.00	57.36 3.36 0.00	53.95 2.48 0.00
WHITEHAL_115KV_TB1 80871	45.60 4.66 0.00	43.69 4.25 0.00	42.98 3.78 0.00	42.20 3.69 0.00	42.59 3.73 0.00	44.60 4.11 0.00	44.39 4.41 0.00	44.13 4.55 0.00	46.78 4.29 0.00	48.69 4.08 0.00	46.68 4.01 0.00	74.40 6.70 0.00	73.24 6.97 0.00	93.82 8.98 -1.41	209.91 19.79 0.00	198.15 20.51 -2.19	211.66 21.71 -12.16	490.83 53.03 -40.16	582.46 36.64 -272.16	232.20 0.00 0.00	292.96 31.21 0.00	89.47 8.73 0.00	60.12 6.12 0.00	57.48 6.01 0.00
WHITEPLN_13_KV_LOAD 356215	42.73 1.78 0.00	41.08 1.65 0.00	40.84 1.64 0.00	40.29 1.78 0.00	40.50 1.64 0.00	41.91 1.42 0.00	41.64 1.65 0.00	41.59 2.01 0.00	44.76 2.27 0.00	47.52 2.91 0.00	45.89 3.21 0.00	72.62 4.93 0.00	71.30 5.03 0.00	97.01 6.80 -6.78	205.84 15.72 0.00	201.82 15.86 -10.51	253.28 17.02 -58.47	548.89 37.91 -113.35	383.66 25.07 -84.92	222.97 17.46 0.00	282.34 20.59 0.00	86.92 6.19 0.00	58.30 4.31 0.00	54.82 3.35 0.00
WM_FLOYD_69_KV_BK2 356380	44.27 3.02 -0.30	42.42 2.98 0.00	42.33 3.12 0.00	41.83 3.32 0.00	41.89 3.03 0.00	42.82 2.33 0.00	42.63 2.65 0.00	42.51 2.92 0.00	45.19 2.70 0.00	47.84 3.23 0.00	46.60 3.92 0.00	114.72 5.94 -41.09	381.84 6.02 -309.55	358.06 7.98 -266.64	342.45 18.27 -134.05	317.04 18.06 -123.53	350.89 18.98 -154.12	563.49 41.70 -124.15	388.62 26.52 -88.44	292.74 18.62 -68.61	283.29 20.85 -0.69	108.01 7.44 -19.83	56.70 5.45 2.74	55.68 4.21 0.00
WOODARD___115KV_TB2 355635	41.22 0.28 0.00	39.66 0.23 0.00	39.33 0.12 0.00	38.57 0.06 0.00	38.95 0.09 0.00	40.64 0.15 0.00	40.13 0.15 0.00	39.63 0.05 0.00	42.64 0.15 0.00	45.06 0.45 0.00	43.28 0.60 0.00	68.66 0.97 0.00	67.26 1.00 0.00	84.77 1.33 0.00	193.67 3.55 0.00	178.28 2.83 0.00	180.68 2.89 0.00	402.22 4.59 0.00	276.01 2.34 0.00	210.48 3.01 -1.96	267.06 4.08 -1.23	81.97 1.23 0.00	54.68 0.68 0.00	51.81 0.33 0.00
YORK___WARBASSE 23770	42.64 1.69 0.00	41.01 1.57 0.00	40.77 1.57 0.00	40.28 1.77 0.00	40.45 1.58 0.00	41.75 1.26 0.00	41.65 1.67 0.00	41.60 2.03 0.00	49.78 2.29 -5.00	47.58 2.97 0.00	49.59 3.24 -3.67	75.69 4.97 -3.03	85.38 4.87 -14.24	96.57 6.74 -6.39	204.72 14.60 0.00	195.64 14.79 -5.39	249.40 16.61 -55.00	541.34 36.74 -106.97	382.68 23.87 -85.15	219.36 16.30 2.45	277.93 19.36 3.18	97.68 6.08 -10.86	75.22 4.37 -16.85	63.48 3.28 -8.72
BALL_HILL_WT_PWR 323825	71.79 3.61 0.00	87.58 4.15 0.00	198.54 8.42 0.00	179.72 4.26 0.00	181.61 3.82 0.00	404.03 4.77 0.00	289.99 2.61 -1.63	210.20 4.69 -13.72	272.78 11.03 0.00	83.49 2.75 0.00	55.54 1.54 0.00	52.50 1.03 0.00												