

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

09/05/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	37.53	35.13	28.91	28.00	29.88	33.69	32.83	36.92	40.36	43.45	44.84	48.34	80.96	202.64	216.44	300.87	316.23	897.50	195.67	105.38	223.33	94.85	47.82	41.33
24138	1.98	1.81	1.52	1.39	1.44	1.63	1.68	1.75	2.15	2.58	2.94	3.55	5.90	13.25	16.53	24.89	28.37	77.78	16.55	8.17	15.93	6.55	3.55	2.25
	-0.02	0.00	0.00	0.00	0.00	0.00	-0.06	-5.75	-0.76	0.00	-0.13	-0.13	-1.08	-6.17	-1.57	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00
74TH STREET_GT_1	37.68	35.29	29.04	28.12	30.02	33.84	32.99	37.04	40.50	43.59	44.99	48.53	81.20	203.52	217.43	301.81	316.95	899.85	196.37	105.87	224.53	95.30	48.02	41.50
24260	2.13	1.97	1.65	1.51	1.57	1.78	1.84	1.86	2.29	2.72	3.09	3.75	6.15	14.12	17.52	25.82	29.09	80.13	17.25	8.65	17.13	7.00	3.74	2.41
	-0.02	0.00	0.00	0.00	0.00	0.00	-0.06	-5.74	-0.76	0.00	-0.13	-0.13	-1.08	-6.17	-1.57	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00
74TH STREET_GT_2	37.68	35.29	29.04	28.12	30.02	33.84	32.99	37.04	40.50	43.59	44.99	48.53	81.20	203.52	217.43	301.81	316.95	899.85	196.37	105.87	224.53	95.30	48.02	41.50
24261	2.13	1.97	1.65	1.51	1.57	1.78	1.84	1.86	2.29	2.72	3.09	3.75	6.15	14.12	17.52	25.82	29.09	80.13	17.25	8.65	17.13	7.00	3.74	2.41
	-0.02	0.00	0.00	0.00	0.00	0.00	-0.06	-5.74	-0.76	0.00	-0.13	-0.13	-1.08	-6.17	-1.57	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00
ADK HUDSON___FALLS	37.81	35.43	29.18	28.32	30.35	34.06	32.91	32.58	39.98	43.38	44.27	47.60	77.62	187.68	210.39	296.78	310.35	886.26	195.92	105.44	225.09	95.12	48.03	42.10
24011	2.31	2.11	1.79	1.71	1.89	2.00	1.89	1.86	2.36	2.51	2.67	3.10	4.95	11.91	13.95	20.80	22.49	66.55	16.80	8.22	17.69	6.93	3.76	3.02
	0.02	0.00	0.00	0.00	0.00	0.00	0.07	-1.29	-0.17	0.00	0.16	0.15	1.31	7.46	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
ADK RESOURCE___RCVRY	38.26	35.82	29.49	28.62	30.69	34.42	33.32	32.99	40.48	43.83	44.72	48.13	78.57	190.22	213.48	301.65	314.99	898.80	199.07	106.91	228.26	96.19	48.54	42.64
23798	2.76	2.51	2.10	2.00	2.24	2.36	2.29	2.26	2.86	2.96	3.12	3.63	5.89	14.37	17.02	25.67	27.13	79.08	19.95	9.70	20.86	8.00	4.27	3.56
	0.02	0.00	0.00	0.00	0.00	0.00	0.07	-1.29	-0.17	0.00	0.16	0.15	1.29	7.39	1.88	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
ADK S GLENS___FALLS	37.81	35.43	29.18	28.32	30.35	34.06	32.91	32.58	39.98	43.38	44.27	47.60	77.62	187.68	210.39	296.78	310.35	886.26	195.92	105.44	225.09	95.12	48.03	42.10
24028	2.31	2.11	1.79	1.71	1.89	2.00	1.89	1.86	2.36	2.51	2.67	3.10	4.95	11.91	13.95	20.80	22.49	66.55	16.80	8.22	17.69	6.93	3.76	3.02
	0.02	0.00	0.00	0.00	0.00	0.00	0.07	-1.29	-0.17	0.00	0.16	0.15	1.31	7.46	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
ADK_NYS___DAM	36.83	34.77	28.70	27.85	29.79	33.36	31.90	31.89	38.79	42.00	42.52	45.67	72.76	170.27	198.37	280.65	297.82	851.98	187.99	101.71	218.15	91.72	46.65	40.96
23527	1.36	1.45	1.30	1.24	1.34	1.30	0.94	0.98	1.14	1.13	1.09	1.32	1.44	2.17	3.87	4.66	9.96	32.27	8.87	4.50	10.75	3.60	2.38	1.88
	0.05	0.00	0.00	0.00	0.00	0.00	0.14	-1.47	-0.20	0.00	0.33	0.31	2.65	15.13	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00
AIR_PRODUCTS___DRP	35.69	33.58	27.75	26.92	28.77	32.28	31.12	30.91	37.68	40.86	41.65	44.60	72.43	175.00	196.00	275.74	290.44	828.22	182.01	98.41	210.13	88.99	45.14	39.57
24190	0.19	0.26	0.35	0.31	0.32	0.22	0.08	0.14	0.05	-0.02	0.03	0.07	-0.43	-1.86	-0.72	-0.24	2.59	8.50	2.89	1.19	2.73	0.79	0.87	0.49
	0.02	0.00	0.00	0.00	0.00	0.00	0.06	-1.34	-0.18	0.00	0.14	0.13	1.12	6.38	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
AKWESSNE_115KV_BK	35.01	32.84	26.93	26.18	27.99	31.58	30.69	29.05	36.97	40.10	40.67	42.98	240.03	178.27	192.47	267.06	277.47	791.22	172.34	93.56	199.57	84.97	42.46	37.96
355683	-0.52	-0.48	-0.46	-0.44	-0.46	-0.48	-0.41	-0.39	-0.48	-0.78	-1.09	-1.68	-2.72	-4.96	-5.87	-8.92	-10.38	-28.50	-6.78	-3.66	-7.83	-3.28	-1.81	-1.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-168.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	35.69	33.58	27.75	26.92	28.77	32.28	31.12	30.91	37.68	40.86	41.65	44.60	72.43	175.00	196.00	275.74	290.44	828.22	182.01	98.41	210.13	88.99	45.14	39.57
23571	0.19	0.26	0.35	0.31	0.32	0.22	0.08	0.14	0.05	-0.02	0.03	0.07	-0.43	-1.86	-0.72	-0.24	2.59	8.50	2.89	1.19	2.73	0.79	0.87	0.49
	0.02	0.00	0.00	0.00	0.00	0.00	0.06	-1.34	-0.18	0.00	0.14	0.13	1.12	6.38	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
ALBANY___2	35.69	33.58	27.75	26.92	28.77	32.28	31.12	30.91	37.68	40.86	41.65	44.60	72.43	175.00	196.00	275.74	290.44	828.22	182.01	98.41	210.13	88.99	45.14	39.57
23572	0.19	0.26	0.35	0.31	0.32	0.22	0.08	0.14	0.05	-0.02	0.03	0.07	-0.43	-1.86	-0.72	-0.24	2.59	8.50	2.89	1.19	2.73	0.79	0.87	0.49
	0.02	0.00	0.00	0.00	0.00	0.00	0.06	-1.34	-0.18	0.00	0.14	0.13	1.12	6.38	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
ALBANY___3	35.69	33.58	27.75	26.92	28.77	32.28	31.12	30.91	37.68	40.86	41.65	44.60	72.43	175.00	196.00	275.74	290.44	828.22	182.01	98.41	210.13	88.99	45.14	39.57
23573	0.19	0.26	0.35	0.31	0.32	0.22	0.08	0.14	0.05	-0.02	0.03	0.07	-0.43	-1.86	-0.72	-0.24	2.59	8.50	2.89	1.19	2.73	0.79	0.87	0.49
	0.02	0.00	0.00	0.00	0.00	0.00	0.06	-1.34	-0.18	0.00	0.14	0.13	1.12	6.38	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00

ALBANY___4 23574	35.69 0.19 0.02	33.58 0.26 0.00	27.75 0.35 0.00	26.92 0.31 0.00	28.77 0.32 0.00	32.28 0.22 0.00	31.12 0.08 0.06	30.91 0.14 -1.34	37.68 0.05 -0.18	40.86 -0.02 0.00	41.65 0.03 0.14	44.60 0.07 0.13	72.43 -0.43 1.12	175.00 -1.86 6.38	196.00 -0.72 1.62	275.74 -0.24 0.00	290.44 2.59 0.00	828.22 8.50 0.00	182.01 2.89 0.00	98.41 1.19 0.00	210.13 2.73 0.00	88.99 0.79 0.05	45.14 0.87 0.00	39.57 0.49 0.00
ALBANY___LFGE 323615	36.12 0.62 0.02	33.97 0.66 0.00	28.07 0.68 0.00	27.22 0.61 0.00	29.09 0.64 0.00	32.66 0.59 0.00	31.48 0.45 0.06	31.26 0.50 -1.33	38.15 0.52 -0.18	41.43 0.55 0.00	42.24 0.63 0.15	45.30 0.78 0.14	73.59 0.82 1.20	177.61 1.26 6.87	199.27 2.67 1.75	280.50 4.51 0.00	295.47 7.61 0.00	842.68 22.97 0.00	185.11 5.99 0.00	100.05 2.84 0.00	213.59 6.18 0.00	90.42 2.22 0.06	45.81 1.53 0.00	40.12 1.03 0.00
ALCOA_PA_115KV_PL-6C 55860	35.18 -0.35 0.00	32.96 -0.35 0.00	27.01 -0.38 0.00	26.24 -0.38 0.00	28.05 -0.40 0.00	31.65 -0.41 0.00	30.79 -0.30 0.00	29.12 -0.31 0.00	37.05 -0.39 0.00	40.14 -0.73 0.00	40.71 -1.05 0.00	42.72 -1.94 0.00	349.11 -3.40 -278.54	177.90 -5.33 0.00	192.21 -6.13 0.00	266.53 -9.46 0.00	277.01 -10.85 0.00	789.92 -29.79 0.00	172.20 -6.92 0.00	93.51 -3.70 0.00	198.50 -8.90 0.00	84.66 -3.59 0.00	42.37 -1.90 0.00	38.03 -1.05 0.00
ALCOA_RYNLDS___DRP 24188	35.18 -0.35 0.00	32.96 -0.35 0.00	27.01 -0.38 0.00	26.24 -0.38 0.00	28.05 -0.40 0.00	31.65 -0.41 0.00	30.79 -0.30 0.00	29.12 -0.31 0.00	37.05 -0.39 0.00	40.14 -0.73 0.00	40.71 -1.05 0.00	42.72 -1.94 0.00	349.11 -3.40 -278.54	177.90 -5.33 0.00	192.21 -6.13 0.00	266.53 -9.46 0.00	277.01 -10.85 0.00	789.92 -29.79 0.00	172.20 -6.92 0.00	93.51 -3.70 0.00	198.50 -8.90 0.00	84.66 -3.59 0.00	42.37 -1.90 0.00	38.03 -1.05 0.00
ALCOA___DSASP 323711	35.18 -0.35 0.00	32.96 -0.35 0.00	27.01 -0.38 0.00	26.24 -0.38 0.00	28.05 -0.40 0.00	31.65 -0.41 0.00	30.79 -0.30 0.00	29.12 -0.31 0.00	37.05 -0.39 0.00	40.15 -0.73 0.00	40.72 -1.05 0.00	42.72 -1.94 0.00	349.11 -3.40 -278.54	177.90 -5.33 0.00	192.21 -6.13 0.00	266.50 -9.48 0.00	277.01 -10.85 0.00	789.94 -29.78 0.00	172.20 -6.92 0.00	93.51 -3.70 0.00	198.51 -8.89 0.00	84.66 -3.59 0.00	42.37 -1.90 0.00	38.03 -1.06 0.00
ALLEGHENY___COGEN 23514	37.50 1.97 0.00	35.01 1.70 0.00	28.43 1.03 0.00	27.71 1.10 0.00	29.63 1.18 0.00	33.54 1.48 0.00	32.24 1.15 0.00	30.28 0.85 0.00	38.48 1.04 0.00	41.88 1.01 0.00	43.29 1.52 0.00	46.49 1.83 0.00	75.80 1.82 0.00	178.81 -4.42 0.00	192.18 -6.16 0.00	264.18 -11.80 0.00	272.56 -15.30 0.00	777.95 -41.77 0.00	174.33 -4.78 0.00	97.06 -0.15 0.00	207.65 0.25 0.00	95.59 7.34 0.00	47.82 3.55 0.00	41.90 2.81 0.00
ALTAMONT_115KV_TB 2 55880	36.19 0.68 0.02	34.03 0.72 0.00	28.11 0.72 0.00	27.28 0.67 0.00	29.15 0.69 0.00	32.73 0.67 0.00	31.59 0.54 0.04	31.28 0.55 -1.30	38.21 0.59 -0.17	41.50 0.63 0.00	42.35 0.68 0.10	45.38 0.82 0.09	74.06 0.88 0.79	180.04 1.34 4.53	199.83 2.64 1.15	280.41 4.43 0.00	294.86 7.00 0.00	840.64 20.92 0.00	184.51 5.39 0.00	99.87 2.66 0.00	213.24 5.84 0.00	90.46 2.25 0.04	45.78 1.51 0.00	40.11 1.03 0.00
ALTONA_WT_PWR 323606	35.63 0.11 0.00	33.40 0.08 0.00	27.38 -0.01 0.00	26.61 -0.01 0.00	28.52 0.07 0.00	32.11 0.06 0.00	31.26 0.16 0.00	29.52 0.09 0.00	37.58 0.13 0.00	40.63 -0.24 0.00	41.27 -0.49 0.00	43.76 -0.90 0.00	72.32 -1.66 0.00	180.37 -2.86 0.00	195.72 -2.61 0.00	271.38 -4.60 0.00	282.39 -5.47 0.00	804.93 -14.79 0.00	175.80 -3.32 0.00	95.20 -2.01 0.00	203.09 -4.31 0.00	86.13 -2.12 0.00	43.10 -1.17 0.00	38.19 -0.89 0.00
AMERICAN_REF_FUEL 24010	35.04 -0.49 0.00	32.77 -0.55 0.00	26.47 -0.92 0.00	25.86 -0.75 0.00	27.66 -0.79 0.00	31.46 -0.60 0.00	30.42 -0.68 0.00	28.44 -0.99 0.00	36.69 -0.76 0.00	40.76 -0.11 0.00	42.38 0.62 0.00	46.37 1.72 0.00	77.21 3.23 0.00	188.03 4.80 0.00	200.97 2.63 0.00	277.97 1.99 0.00	284.72 -3.36 -0.22	812.42 -7.30 0.00	177.68 -1.44 0.00	96.88 -0.33 0.00	205.86 -1.54 0.00	89.95 1.70 0.00	45.14 0.86 0.00	39.97 0.88 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.13 0.61 0.00	33.82 0.51 0.00	27.36 -0.03 0.00	26.72 0.10 0.00	28.60 0.15 0.00	32.62 0.55 0.00	31.79 0.69 0.00	29.95 0.51 0.00	38.74 1.29 0.00	43.21 2.33 0.00	44.88 3.12 0.00	49.13 4.47 0.00	82.29 8.32 0.00	200.16 16.93 0.00	214.08 15.74 0.00	296.72 20.74 0.00	303.53 15.39 -0.28	863.82 44.11 0.00	188.74 9.62 0.00	102.69 5.48 0.00	219.03 11.63 0.00	95.20 6.95 0.00	47.47 3.20 0.00	41.70 2.62 0.00
ARTHUR_KILL_GT_1 23520	32.97 1.78 4.33	34.97 1.72 0.07	28.87 1.48 0.00	27.96 1.35 0.00	29.85 1.41 0.00	33.64 1.58 0.00	32.76 1.61 -0.06	31.13 1.54 -0.16	3.23 1.87 36.09	3.15 2.22 39.94	36.16 2.47 8.08	36.13 3.14 11.66	51.18 5.02 27.81	160.04 10.25 33.44	174.93 13.42 36.83	281.29 20.01 14.70	224.75 22.58 85.68	878.00 61.29 3.01	192.29 13.21 0.03	97.10 6.39 6.51	203.14 12.48 16.74	93.65 5.35 -0.05	47.37 3.10 0.00	38.38 1.76 2.47
ARTHUR_KILL_2 23512	32.83 1.64 4.33	34.84 1.60 0.07	28.78 1.39 0.00	27.88 1.27 0.00	29.76 1.31 0.00	33.53 1.47 0.00	32.64 1.49 -0.06	31.03 1.44 -0.16	3.10 2.07 36.09	3.00 2.30 39.94	35.98 2.94 8.08	35.94 2.94 11.66	50.84 4.68 27.81	159.13 9.34 33.44	174.00 12.48 36.83	279.86 18.58 14.70	223.31 21.14 85.68	873.95 57.25 3.01	191.42 12.33 0.03	96.63 5.93 6.51	202.17 11.51 16.74	93.24 4.95 -0.05	47.18 2.91 0.00	38.21 1.60 2.47
ARTHUR_KILL_3 23513	32.74 1.52 4.30	34.65 1.41 0.07	28.58 1.19 0.00	27.68 1.07 0.00	29.55 1.11 0.00	33.31 1.24 0.00	32.43 1.29 -0.05	33.99 1.34 -3.22	36.58 1.56 2.43	36.72 1.91 6.07	37.68 2.25 6.34	37.81 2.82 9.67	50.98 4.62 27.61	159.97 10.37 33.63	177.64 13.51 34.21	281.56 20.27 14.69	225.60 23.43 85.68	879.23 63.85 4.33	192.80 13.72 0.04	97.39 6.70 6.52	203.15 12.95 17.20	93.58 5.29 -0.05	47.19 2.93 0.01	38.10 1.66 2.65
ARTHUR_KILL_COGEN 323718	32.97 1.78 4.33	34.97 1.72 0.07	28.87 1.48 0.00	27.96 1.35 0.00	29.85 1.41 0.00	33.64 1.58 0.00	32.76 1.61 -0.06	31.13 1.54 -0.16	3.23 1.87 36.09	3.15 2.22 39.94	36.16 2.47 8.08	36.13 3.14 11.66	51.18 5.02 27.81	160.04 10.25 33.44	174.93 13.42 36.83	281.29 20.01 14.70	224.75 22.58 85.68	878.00 61.29 3.01	192.29 13.21 0.03	97.10 6.39 6.51	203.14 12.48 16.74	93.65 5.35 -0.05	47.37 3.10 0.00	38.38 1.76 2.47
ASHOKAN____ 23654	36.51 0.99 0.00	34.19 0.88 0.00	28.21 0.82 0.00	27.36 0.75 0.00	29.22 0.77 0.00	32.84 0.78 0.00	31.93 0.83 0.00	30.70 1.26 0.00	38.89 1.44 0.00	42.24 1.36 0.00	43.21 1.44 0.00	46.19 1.53 0.00	76.85 2.88 0.00	190.53 7.30 0.00	207.68 9.34 0.00	288.92 12.94 0.00	305.11 17.26 0.00	873.18 53.47 0.00	192.50 13.38 0.00	104.47 7.26 0.00	222.43 15.03 0.00	94.14 5.89 0.00	47.42 3.15 0.00	41.32 2.23 0.00



ASTORIA_GT_10 24110	37.39 1.84 -0.02	35.00 1.69 0.00	28.81 1.42 0.00	27.89 1.28 0.00	29.78 1.33 0.00	33.54 1.48 0.00	32.69 1.54 -0.06	36.76 1.58 -5.74	40.14 1.93 -0.76	43.10 2.22 0.00	44.39 2.50 -0.13	47.87 3.09 -0.13	79.96 4.90 -1.08	200.18 10.78 -6.17	213.94 14.02 -1.57	296.71 20.73 0.00	311.41 23.55 0.00	884.43 64.71 0.00	193.00 13.89 0.00	102.36 6.83 1.68	209.29 13.32 11.42	93.69 5.39 -0.04	47.26 3.00 0.01	40.87 1.79 0.00
ASTORIA_GT_11 24225	37.39 1.84 -0.02	35.00 1.69 0.00	28.81 1.42 0.00	27.89 1.28 0.00	29.78 1.33 0.00	33.54 1.48 0.00	32.69 1.54 -0.06	36.76 1.58 -5.74	40.14 1.93 -0.76	43.10 2.22 0.00	44.39 2.50 -0.13	47.87 3.09 -0.13	79.96 4.90 -1.08	200.18 10.78 -6.17	213.94 14.02 -1.57	296.71 20.73 0.00	311.41 23.55 0.00	884.43 64.71 0.00	193.00 13.89 0.00	102.36 6.83 1.68	209.29 13.32 11.42	93.69 5.39 -0.04	47.26 3.00 0.01	40.87 1.79 0.00
ASTORIA_GT_12 24226	37.39 1.84 -0.02	35.00 1.69 0.00	28.81 1.42 0.00	27.89 1.28 0.00	29.78 1.33 0.00	33.54 1.48 0.00	32.69 1.54 -0.06	36.76 1.58 -5.74	40.14 1.93 -0.76	43.10 2.22 0.00	44.39 2.50 -0.13	47.87 3.09 -0.13	79.96 4.90 -1.08	200.18 10.78 -6.17	213.94 14.02 -1.57	296.71 20.73 0.00	311.41 23.55 0.00	884.43 64.71 0.00	193.00 13.89 0.00	102.36 6.83 1.68	209.29 13.32 11.42	93.69 5.39 -0.04	47.26 3.00 0.01	40.87 1.79 0.00
ASTORIA_GT_13 24227	37.39 1.84 -0.02	35.00 1.69 0.00	28.81 1.42 0.00	27.89 1.28 0.00	29.78 1.33 0.00	33.54 1.48 0.00	32.69 1.54 -0.06	36.76 1.58 -5.74	40.14 1.93 -0.76	43.10 2.22 0.00	44.39 2.50 -0.13	47.87 3.09 -0.13	79.96 4.90 -1.08	200.18 10.78 -6.17	213.94 14.02 -1.57	296.71 20.73 0.00	311.41 23.55 0.00	884.43 64.71 0.00	193.00 13.89 0.00	102.36 6.83 1.68	209.29 13.32 11.42	93.69 5.39 -0.04	47.26 3.00 0.01	40.87 1.79 0.00
ASTORIA_GT_5 24106	37.36 1.82 -0.02	34.96 1.65 0.00	28.78 1.39 0.00	27.87 1.26 0.00	29.75 1.30 0.00	33.53 1.47 0.00	32.71 1.56 -0.06	36.77 1.59 -5.74	40.16 1.95 -0.76	43.12 2.25 0.00	44.44 2.55 -0.13	47.92 3.14 -0.13	80.21 5.15 -1.08	201.09 11.70 -6.17	215.23 15.32 -1.57	298.36 22.38 0.00	313.05 25.19 0.00	889.29 69.57 0.00	193.96 14.84 0.00	104.65 7.43 0.00	222.30 14.91 0.01	94.26 5.97 -0.04	47.50 3.23 0.01	41.01 1.93 0.00
ASTORIA_GT_7 24107	37.36 1.82 -0.02	34.96 1.65 0.00	28.78 1.39 0.00	27.87 1.26 0.00	29.75 1.30 0.00	33.53 1.47 0.00	32.71 1.56 -0.06	36.77 1.59 -5.74	40.16 1.95 -0.76	43.12 2.25 0.00	44.44 2.55 -0.13	47.92 3.14 -0.13	80.21 5.15 -1.08	201.09 11.70 -6.17	215.23 15.32 -1.57	298.36 22.38 0.00	313.05 25.19 0.00	889.29 69.57 0.00	193.96 14.84 0.00	104.65 7.43 0.00	222.30 14.91 0.01	94.26 5.97 -0.04	47.50 3.23 0.01	41.01 1.93 0.00
ASTORIA_GT_8 24108	37.36 1.82 -0.02	34.96 1.65 0.00	28.78 1.39 0.00	27.87 1.26 0.00	29.75 1.30 0.00	33.53 1.47 0.00	32.71 1.56 -0.06	36.77 1.59 -5.74	40.16 1.95 -0.76	43.12 2.25 0.00	44.44 2.55 -0.13	47.92 3.14 -0.13	80.20 5.14 -1.08	201.08 11.68 -6.17	215.23 15.32 -1.57	298.37 22.38 0.00	313.04 25.18 0.00	889.30 69.58 0.00	193.96 14.84 0.00	104.65 7.44 0.00	222.37 14.97 0.01	94.27 5.97 -0.04	47.50 3.24 0.01	41.01 1.93 0.00
ASTORIA___2 24149	37.28 1.73 -0.02	34.88 1.56 0.00	28.72 1.33 0.00	27.81 1.20 0.00	29.69 1.24 0.00	33.46 1.39 0.00	32.64 1.49 -0.06	36.69 1.52 -5.74	40.05 1.84 -0.76	43.01 2.14 0.00	44.31 2.41 -0.13	47.77 2.99 -0.13	79.95 4.89 -1.08	200.45 11.05 -6.17	214.55 14.64 -1.57	297.52 21.54 0.00	312.15 24.29 0.00	886.83 67.11 0.00	193.42 14.30 0.00	104.34 7.12 0.00	221.64 14.25 0.01	94.00 5.71 -0.04	47.36 3.10 0.01	40.89 1.81 0.00
ASTORIA___3 23516	37.39 1.85 -0.02	35.00 1.69 0.00	28.81 1.42 0.00	27.89 1.28 0.00	29.78 1.33 0.00	33.54 1.48 0.00	32.69 1.54 -0.06	36.76 1.58 -5.74	40.14 1.93 -0.76	43.09 2.22 0.00	44.39 2.50 -0.13	47.87 3.09 -0.13	79.95 4.90 -1.08	200.20 10.80 -6.17	213.93 14.03 -1.57	296.71 20.73 0.00	311.41 23.55 0.00	884.50 64.78 0.00	193.00 13.89 0.00	102.36 6.83 1.68	209.29 13.31 11.42	93.69 5.40 -0.04	47.26 3.00 0.01	40.87 1.79 0.00
ASTORIA___4 23517	37.39 1.84 -0.02	35.00 1.69 0.00	28.81 1.42 0.00	27.89 1.28 0.00	29.78 1.33 0.00	33.54 1.48 0.00	32.69 1.54 -0.06	36.76 1.58 -5.74	40.14 1.93 -0.76	43.10 2.22 0.00	44.39 2.50 -0.13	47.87 3.09 -0.13	79.95 4.89 -1.08	200.18 10.78 -6.17	213.94 14.02 -1.57	296.71 20.73 0.00	311.41 23.55 0.00	884.43 64.71 0.00	193.00 13.89 0.00	102.36 6.83 1.68	209.29 13.32 11.42	93.69 5.39 -0.04	47.26 3.00 0.01	40.87 1.79 0.00
ASTORIA___5 23518	37.39 1.85 -0.02	35.00 1.69 0.00	28.81 1.42 0.00	27.89 1.28 0.00	29.78 1.33 0.00	33.54 1.48 0.00	32.69 1.54 -0.06	36.76 1.58 -5.74	40.14 1.93 -0.76	43.09 2.22 0.00	44.39 2.50 -0.13	47.87 3.09 -0.13	79.95 4.90 -1.08	200.20 10.80 -6.17	213.93 14.03 -1.57	296.71 20.73 0.00	311.41 23.55 0.00	884.50 64.78 0.00	193.00 13.89 0.00	102.36 6.83 1.68	209.29 13.31 11.42	93.69 5.40 -0.04	47.26 3.00 0.01	40.87 1.79 0.00
AST_ENERGY_2_CC3 323677	37.26 1.71 -0.02	34.89 1.58 0.00	28.73 1.34 0.00	27.83 1.22 0.00	29.70 1.25 0.00	33.46 1.40 0.00	32.60 1.45 -0.06	36.67 1.49 -5.74	39.99 1.78 -0.76	43.01 2.14 0.00	44.38 2.49 -0.13	47.85 3.07 -0.13	80.10 5.04 -1.08	200.77 11.38 -6.17	214.46 14.55 -1.57	297.75 21.76 0.00	312.80 24.95 0.00	888.27 68.55 0.00	193.84 14.72 0.00	104.44 7.23 0.00	221.52 14.12 0.00	94.04 5.74 -0.05	47.42 3.15 0.00	40.98 1.90 0.00
AST_ENERGY_2_CC4 323678	37.26 1.71 -0.02	34.89 1.58 0.00	28.73 1.34 0.00	27.83 1.22 0.00	29.70 1.25 0.00	33.46 1.40 0.00	32.60 1.45 -0.06	36.67 1.49 -5.74	39.99 1.78 -0.76	43.01 2.14 0.00	44.38 2.49 -0.13	47.85 3.07 -0.13	80.10 5.04 -1.08	200.77 11.38 -6.17	214.46 14.55 -1.57	297.75 21.76 0.00	312.80 24.95 0.00	888.27 68.55 0.00	193.84 14.72 0.00	104.44 7.23 0.00	221.52 14.12 0.00	94.04 5.74 -0.05	47.42 3.15 0.00	40.98 1.90 0.00
ATHENS_STG_1 23668	36.21 0.68 -0.01	34.02 0.70 0.00	28.13 0.74 0.00	27.30 0.69 0.00	29.17 0.72 0.00	32.73 0.67 0.00	31.66 0.55 -0.02	31.56 0.56 -1.57	38.28 0.62 -0.21	41.64 0.76 0.00	42.72 0.92 -0.04	45.86 1.16 -0.04	75.83 1.52 -0.34	187.82 2.68 -1.91	203.13 4.31 -0.48	282.88 6.90 0.00	297.25 9.39 0.00	845.75 26.03 0.00	185.40 6.28 0.00	100.26 3.05 0.00	213.80 6.40 0.00	90.85 2.58 -0.02	45.90 1.63 0.00	40.09 1.01 0.00
ATHENS_STG_2 23670	36.21 0.68 -0.01	34.02 0.70 0.00	28.13 0.74 0.00	27.30 0.69 0.00	29.17 0.72 0.00	32.73 0.67 0.00	31.66 0.55 -0.02	31.56 0.56 -1.57	38.28 0.62 -0.21	41.64 0.76 0.00	42.72 0.92 -0.04	45.86 1.16 -0.04	75.83 1.52 -0.34	187.82 2.68 -1.91	203.13 4.31 -0.48	282.88 6.90 0.00	297.25 9.39 0.00	845.75 26.03 0.00	185.40 6.28 0.00	100.26 3.05 0.00	213.80 6.40 0.00	90.85 2.58 -0.02	45.90 1.63 0.00	40.09 1.01 0.00

ATHENS_STG_3 23677	36.21 0.68 -0.01	34.02 0.70 0.00	28.13 0.74 0.00	27.30 0.69 0.00	29.17 0.72 0.00	32.73 0.67 0.00	31.66 0.55 -0.02	31.56 0.56 -1.57	38.28 0.62 -0.21	41.64 0.76 0.00	42.72 0.92 -0.04	45.86 1.16 -0.04	75.83 1.52 -0.34	187.82 2.68 -1.91	203.13 4.31 -0.48	282.88 6.90 0.00	297.25 9.39 0.00	845.75 26.03 0.00	185.40 6.28 0.00	100.26 3.05 0.00	213.80 6.40 0.00	90.85 2.58 -0.02	45.90 1.63 0.00	40.09 1.01 0.00
AUBURN____LFGE 323710	36.53 1.01 0.00	34.23 0.91 0.00	27.97 0.58 0.00	27.25 0.64 0.00	29.17 0.72 0.00	33.04 0.98 0.00	31.99 0.89 0.00	30.37 0.93 0.00	38.58 1.13 0.00	42.48 1.61 0.00	43.59 1.83 0.00	47.01 2.35 0.00	52.84 4.01 25.15	192.24 9.01 0.00	207.42 9.08 0.00	288.90 12.92 0.00	300.63 12.77 0.00	855.82 36.11 0.00	187.79 8.67 0.00	102.29 5.08 0.00	218.84 11.44 0.00	92.96 4.71 0.00	46.37 2.10 0.00	40.56 1.48 0.00
BABYLON_RES_REC 323704	38.56 2.86 -0.17	35.91 2.59 0.00	29.39 2.00 0.00	28.37 1.76 0.00	30.37 1.92 0.00	34.42 2.36 0.00	33.56 2.40 -0.06	37.19 2.06 -5.70	40.55 2.35 -0.76	43.50 2.50 -0.13	44.88 2.97 -0.14	48.86 3.33 -0.87	82.12 5.00 -3.15	217.85 11.26 -23.36	253.74 14.84 -40.56	364.15 22.78 -65.39	413.60 27.06 -98.68	1068.69 75.36 -173.62	414.48 16.60 -218.76	315.19 8.35 -209.63	237.76 16.34 -14.02	242.84 6.99 -147.60	51.14 3.90 -2.97	42.25 2.95 -0.21
BABYLON__69_KV_BK2 356345	39.04 3.35 -0.17	36.34 3.03 0.00	29.72 2.33 0.00	28.68 2.06 0.00	30.71 2.26 0.00	34.84 2.77 0.00	33.97 2.81 -0.06	37.57 2.44 -5.70	41.05 2.85 -0.76	44.23 3.23 -0.13	45.77 3.85 -0.16	51.54 4.39 -2.49	88.46 6.86 -7.63	230.70 15.73 -31.74	263.95 19.64 -45.97	370.99 29.62 -65.39	420.57 34.03 -98.68	1088.53 95.20 -173.62	418.75 20.88 -218.76	317.62 10.78 -209.63	243.69 21.55 -14.74	245.06 9.21 -147.60	51.97 4.78 -2.92	42.91 3.54 -0.29
BARON_WINDS____WT_PWR 323822	35.66 0.14 0.00	33.30 -0.02 0.00	27.08 -0.31 0.00	26.38 -0.23 0.00	28.19 -0.27 0.00	32.07 0.00 0.00	31.23 0.13 0.00	29.48 0.05 0.00	37.86 0.41 0.00	41.94 1.06 0.00	43.34 1.58 0.00	47.08 2.42 0.00	78.60 4.63 0.00	191.73 8.50 0.00	207.26 8.92 0.00	287.69 11.71 0.00	296.35 8.49 0.00	844.19 24.48 0.00	184.91 5.79 0.00	100.84 3.63 0.00	215.05 7.65 0.00	92.56 4.31 0.00	46.26 1.99 0.00	40.63 1.55 0.00
BARRETT_IC_1 23704	38.03 2.34 -0.17	35.44 2.12 0.00	29.06 1.67 0.00	28.10 1.48 0.00	30.04 1.60 0.00	34.00 1.94 0.00	33.09 1.94 -0.06	36.72 1.59 -5.70	39.88 1.68 -0.76	43.04 2.04 -0.13	44.54 2.64 -0.14	47.77 2.99 -0.13	79.70 4.64 -1.08	213.51 10.58 -19.71	250.56 13.68 -38.54	362.44 21.07 -65.39	411.44 24.90 -98.68	1062.23 68.90 -173.62	413.16 15.28 -218.76	314.34 7.50 -209.63	235.67 14.52 -13.75	242.16 6.31 -147.60	71.41 3.60 -23.54	41.72 2.45 -0.19
BARRETT_IC_10 23701	38.03 2.34 -0.17	35.44 2.12 0.00	29.06 1.67 0.00	28.10 1.48 0.00	30.04 1.60 0.00	34.00 1.94 0.00	33.09 1.94 -0.06	36.72 1.59 -5.70	39.88 1.68 -0.76	43.04 2.04 -0.13	44.54 2.64 -0.14	47.77 2.99 -0.13	79.70 4.64 -1.08	213.51 10.58 -19.71	250.56 13.68 -38.54	362.44 21.07 -65.39	411.44 24.90 -98.68	1062.23 68.90 -173.62	413.16 15.28 -218.76	314.34 7.50 -209.63	235.67 14.52 -13.75	242.16 6.31 -147.60	71.41 3.60 -23.54	41.72 2.45 -0.19
BARRETT_IC_11 23702	38.03 2.34 -0.17	35.44 2.12 0.00	29.06 1.67 0.00	28.10 1.48 0.00	30.04 1.60 0.00	34.00 1.94 0.00	33.09 1.94 -0.06	36.72 1.59 -5.70	39.88 1.68 -0.76	43.04 2.04 -0.13	44.54 2.64 -0.14	47.77 2.99 -0.13	79.70 4.64 -1.08	213.51 10.58 -19.71	250.56 13.68 -38.54	362.44 21.07 -65.39	411.44 24.90 -98.68	1062.23 68.90 -173.62	413.16 15.28 -218.76	314.34 7.50 -209.63	235.67 14.52 -13.75	242.16 6.31 -147.60	71.41 3.60 -23.54	41.72 2.45 -0.19
BARRETT_IC_12 23703	38.03 2.34 -0.17	35.44 2.12 0.00	29.06 1.67 0.00	28.10 1.48 0.00	30.04 1.60 0.00	34.00 1.94 0.00	33.09 1.94 -0.06	36.72 1.59 -5.70	39.88 1.68 -0.76	43.04 2.04 -0.13	44.54 2.64 -0.14	47.77 2.99 -0.13	79.70 4.64 -1.08	213.51 10.58 -19.71	250.56 13.68 -38.54	362.44 21.07 -65.39	411.44 24.90 -98.68	1062.23 68.90 -173.62	413.16 15.28 -218.76	314.34 7.50 -209.63	235.67 14.52 -13.75	242.16 6.31 -147.60	71.41 3.60 -23.54	41.72 2.45 -0.19
BARRETT_IC_2 23705	38.03 2.34 -0.17	35.44 2.12 0.00	29.06 1.67 0.00	28.10 1.48 0.00	30.04 1.60 0.00	34.00 1.94 0.00	33.09 1.94 -0.06	36.72 1.59 -5.70	39.88 1.68 -0.76	43.04 2.04 -0.13	44.54 2.64 -0.14	47.77 2.99 -0.13	79.70 4.64 -1.08	213.51 10.58 -19.71	250.56 13.68 -38.54	362.44 21.07 -65.39	411.44 24.90 -98.68	1062.23 68.90 -173.62	413.16 15.28 -218.76	314.34 7.50 -209.63	235.67 14.52 -13.75	242.16 6.31 -147.60	71.41 3.60 -23.54	41.72 2.45 -0.19
BARRETT_IC_3 23706	38.03 2.34 -0.17	35.44 2.12 0.00	29.06 1.67 0.00	28.10 1.48 0.00	30.04 1.60 0.00	34.00 1.94 0.00	33.09 1.94 -0.06	36.72 1.59 -5.70	39.88 1.68 -0.76	43.04 2.04 -0.13	44.54 2.64 -0.14	47.77 2.99 -0.13	79.70 4.64 -1.08	213.51 10.58 -19.71	250.56 13.68 -38.54	362.44 21.07 -65.39	411.44 24.90 -98.68	1062.23 68.90 -173.62	413.16 15.28 -218.76	314.34 7.50 -209.63	235.67 14.52 -13.75	242.16 6.31 -147.60	71.41 3.60 -23.54	41.72 2.45 -0.19
BARRETT_IC_4 23707	38.03 2.34 -0.17	35.44 2.12 0.00	29.06 1.67 0.00	28.10 1.48 0.00	30.04 1.60 0.00	34.00 1.94 0.00	33.09 1.94 -0.06	36.72 1.59 -5.70	39.88 1.68 -0.76	43.04 2.04 -0.13	44.54 2.64 -0.14	47.77 2.99 -0.13	79.70 4.64 -1.08	213.51 10.58 -19.71	250.56 13.68 -38.54	362.44 21.07 -65.39	411.44 24.90 -98.68	1062.23 68.90 -173.62	413.16 15.28 -218.76	314.34 7.50 -209.63	235.67 14.52 -13.75	242.16 6.31 -147.60	71.41 3.60 -23.54	41.72 2.45 -0.19
BARRETT_IC_5 23708	38.03 2.34 -0.17	35.44 2.12 0.00	29.06 1.67 0.00	28.10 1.48 0.00	30.04 1.60 0.00	34.00 1.94 0.00	33.09 1.94 -0.06	36.72 1.59 -5.70	39.88 1.68 -0.76	43.04 2.04 -0.13	44.54 2.64 -0.14	47.77 2.99 -0.13	79.70 4.64 -1.08	213.51 10.58 -19.71	250.56 13.68 -38.54	362.44 21.07 -65.39	411.44 24.90 -98.68	1062.23 68.90 -173.62	413.16 15.28 -218.76	314.34 7.50 -209.63	235.67 14.52 -13.75	242.16 6.31 -147.60	71.41 3.60 -23.54	41.72 2.45 -0.19
BARRETT_IC_6 23709	38.03 2.34 -0.17	35.44 2.12 0.00	29.06 1.67 0.00	28.10 1.48 0.00	30.04 1.60 0.00	34.00 1.94 0.00	33.09 1.94 -0.06	36.72 1.59 -5.70	39.88 1.68 -0.76	43.04 2.04 -0.13	44.54 2.64 -0.14	47.77 2.99 -0.13	79.70 4.64 -1.08	213.51 10.58 -19.71	250.56 13.68 -38.54	362.44 21.07 -65.39	411.44 24.90 -98.68	1062.23 68.90 -173.62	413.16 15.28 -218.76	314.34 7.50 -209.63	235.67 14.52 -13.75	242.16 6.31 -147.60	71.41 3.60 -23.54	41.72 2.45 -0.19
BARRETT_IC_7 23710	38.03 2.33 -0.17	35.44 2.12 0.00	29.06 1.67 0.00	28.10 1.48 0.00	30.05 1.60 0.00	34.00 1.94 0.00	33.09 1.94 -0.06	36.72 1.59 -5.70	39.88 1.67 -0.76	43.04 2.04 -0.13	44.54 2.65 -0.13	47.78 3.00 -0.13	79.70 4.64 -1.08	213.52 10.58 -19.71	250.56 13.69 -38.54	362.42 21.05 -65.39	411.44 24.90 -98.68	1062.17 68.84 -173.62	413.16 15.28 -218.76	314.34 7.50 -209.63	235.69 14.54 -13.74	242.15 6.31 -147.60	71.41 3.60 -23.54	41.73 2.47 -0.18

BARRETT_IC_8 23711	38.03 2.34 -0.17	35.44 2.12 0.00	29.06 1.67 0.00	28.10 1.48 0.00	30.04 1.60 0.00	34.00 1.94 0.00	33.09 1.94 -0.06	36.72 1.59 -5.70	39.88 1.68 -0.76	43.04 2.04 -0.13	44.54 2.64 -0.14	47.77 2.99 -0.13	79.70 4.64 -1.08	213.51 10.58 -19.71	250.56 13.68 -38.54	362.44 21.07 -65.39	411.44 24.90 -98.68	1062.23 68.90 -173.62	413.16 15.28 -218.76	314.34 7.50 -209.63	235.67 14.52 -13.75	242.16 6.31 -147.60	71.41 3.60 -23.54	41.72 2.45 -0.19
BARRETT_IC_9 23700	38.03 2.34 -0.17	35.44 2.12 0.00	29.06 1.67 0.00	28.10 1.48 0.00	30.04 1.60 0.00	34.00 1.94 0.00	33.09 1.94 -0.06	36.72 1.59 -5.70	39.88 1.68 -0.76	43.04 2.04 -0.13	44.54 2.64 -0.14	47.77 2.99 -0.13	79.70 4.64 -1.08	213.51 10.58 -19.71	250.56 13.68 -38.54	362.44 21.07 -65.39	411.44 24.90 -98.68	1062.23 68.90 -173.62	413.16 15.28 -218.76	314.34 7.50 -209.63	235.67 14.52 -13.75	242.16 6.31 -147.60	71.41 3.60 -23.54	41.72 2.45 -0.19
BARRETT___1 23545	38.03 2.34 -0.17	35.44 2.12 0.00	29.06 1.67 0.00	28.10 1.48 0.00	30.04 1.60 0.00	34.00 1.94 0.00	33.09 1.94 -0.06	36.72 1.59 -5.70	39.88 1.68 -0.76	43.04 2.04 -0.13	44.54 2.64 -0.14	47.77 2.99 -0.13	79.70 4.64 -1.08	213.51 10.58 -19.71	250.56 13.68 -38.54	362.44 21.07 -65.39	411.44 24.90 -98.68	1062.23 68.90 -173.62	413.16 15.28 -218.76	314.34 7.50 -209.63	235.67 14.52 -13.75	242.16 6.31 -147.60	71.41 3.60 -23.54	41.72 2.45 -0.19
BARRETT___2 23546	38.03 2.34 -0.17	35.44 2.12 0.00	29.06 1.67 0.00	28.10 1.48 0.00	30.04 1.60 0.00	34.00 1.94 0.00	33.09 1.94 -0.06	36.72 1.59 -5.70	39.88 1.68 -0.76	43.04 2.04 -0.13	44.54 2.64 -0.14	47.77 2.99 -0.13	79.70 4.64 -1.08	213.51 10.58 -19.71	250.56 13.68 -38.54	362.44 21.07 -65.39	411.44 24.90 -98.68	1062.23 68.90 -173.62	413.16 15.28 -218.76	314.34 7.50 -209.63	235.67 14.52 -13.75	242.16 6.31 -147.60	71.41 3.60 -23.54	41.72 2.45 -0.19
BATAVIA___115KV_TB1 55881	36.58 1.06 0.00	34.15 0.83 0.00	27.62 0.22 0.00	26.94 0.33 0.00	28.83 0.38 0.00	32.79 0.73 0.00	31.85 0.75 0.00	29.90 0.46 0.00	38.50 1.05 0.00	42.67 1.79 0.00	44.27 2.51 0.00	48.36 3.71 0.00	79.67 5.69 0.00	195.67 12.44 0.00	209.39 11.05 0.00	289.39 13.41 0.00	297.44 9.14 -0.44	850.46 30.74 0.00	186.76 7.64 0.00	101.85 4.64 0.00	216.18 8.77 0.00	94.01 5.76 0.00	47.47 3.20 0.00	41.71 2.63 0.00
BAYONEEC___CTG1 323682	37.26 1.71 -0.02	34.91 1.59 0.00	28.75 1.35 0.00	27.84 1.23 0.00	29.71 1.26 0.00	33.48 1.42 0.00	32.61 1.46 -0.06	36.67 1.50 -5.74	38.47 1.77 0.75	37.93 2.13 5.08	38.54 2.48 5.70	38.54 3.06 9.18	52.35 5.04 26.66	161.52 11.35 33.07	178.66 14.53 34.21	283.03 21.74 14.69	227.12 24.95 85.68	883.80 68.41 4.33	193.77 14.69 0.04	97.92 7.23 6.52	204.28 14.07 17.20	94.04 5.74 -0.05	47.42 3.15 0.00	40.97 1.89 0.01
BAYONEEC___CTG10 323750	37.26 1.71 -0.02	34.91 1.59 0.00	28.75 1.35 0.00	27.84 1.23 0.00	29.71 1.26 0.00	33.48 1.42 0.00	32.61 1.46 -0.06	36.67 1.50 -5.74	38.47 1.77 0.75	37.93 2.13 5.08	38.54 2.48 5.70	38.54 3.06 9.18	52.35 5.04 26.66	161.52 11.35 33.07	178.66 14.53 34.21	283.03 21.74 14.69	227.12 24.95 85.68	883.80 68.41 4.33	193.77 14.69 0.04	97.92 7.23 6.52	204.28 14.07 17.20	94.04 5.74 -0.05	47.42 3.15 0.00	40.97 1.89 0.01
BAYONEEC___CTG2 323683	37.26 1.71 -0.02	34.91 1.59 0.00	28.75 1.35 0.00	27.84 1.23 0.00	29.71 1.26 0.00	33.48 1.42 0.00	32.61 1.46 -0.06	36.67 1.50 -5.74	38.47 1.77 0.75	37.93 2.13 5.08	38.54 2.48 5.70	38.54 3.06 9.18	52.35 5.04 26.66	161.52 11.35 33.07	178.66 14.53 34.21	283.03 21.74 14.69	227.12 24.95 85.68	883.80 68.41 4.33	193.77 14.69 0.04	97.92 7.23 6.52	204.28 14.07 17.20	94.04 5.74 -0.05	47.42 3.15 0.00	40.97 1.89 0.01
BAYONEEC___CTG3 323684	37.26 1.71 -0.02	34.91 1.59 0.00	28.75 1.35 0.00	27.84 1.23 0.00	29.71 1.26 0.00	33.48 1.42 0.00	32.61 1.46 -0.06	36.67 1.50 -5.74	38.47 1.77 0.75	37.93 2.13 5.08	38.54 2.48 5.70	38.54 3.06 9.18	52.35 5.04 26.66	161.52 11.35 33.07	178.66 14.53 34.21	283.03 21.74 14.69	227.12 24.95 85.68	883.80 68.41 4.33	193.77 14.69 0.04	97.92 7.23 6.52	204.28 14.07 17.20	94.04 5.74 -0.05	47.42 3.15 0.00	40.97 1.89 0.01
BAYONEEC___CTG4 323685	37.26 1.71 -0.02	34.91 1.59 0.00	28.75 1.35 0.00	27.84 1.23 0.00	29.71 1.26 0.00	33.48 1.42 0.00	32.61 1.46 -0.06	36.67 1.50 -5.74	38.47 1.77 0.75	37.93 2.13 5.08	38.54 2.48 5.70	38.54 3.06 9.18	52.35 5.04 26.66	161.52 11.35 33.07	178.66 14.53 34.21	283.03 21.74 14.69	227.12 24.95 85.68	883.80 68.41 4.33	193.77 14.69 0.04	97.92 7.23 6.52	204.28 14.07 17.20	94.04 5.74 -0.05	47.42 3.15 0.00	40.97 1.89 0.01
BAYONEEC___CTG5 323686	37.26 1.71 -0.02	34.91 1.59 0.00	28.75 1.35 0.00	27.84 1.23 0.00	29.71 1.26 0.00	33.48 1.42 0.00	32.61 1.46 -0.06	36.67 1.50 -5.74	38.47 1.77 0.75	37.93 2.13 5.08	38.54 2.48 5.70	38.54 3.06 9.18	52.35 5.04 26.66	161.52 11.35 33.07	178.66 14.53 34.21	283.03 21.74 14.69	227.12 24.95 85.68	883.80 68.41 4.33	193.77 14.69 0.04	97.92 7.23 6.52	204.28 14.07 17.20	94.04 5.74 -0.05	47.42 3.15 0.00	40.97 1.89 0.01
BAYONEEC___CTG6 323687	37.26 1.71 -0.02	34.91 1.59 0.00	28.75 1.35 0.00	27.84 1.23 0.00	29.71 1.26 0.00	33.48 1.42 0.00	32.61 1.46 -0.06	36.67 1.50 -5.74	38.47 1.77 0.75	37.93 2.13 5.08	38.54 2.48 5.70	38.54 3.06 9.18	52.35 5.04 26.66	161.52 11.35 33.07	178.66 14.53 34.21	283.03 21.74 14.69	227.12 24.95 85.68	883.80 68.41 4.33	193.77 14.69 0.04	97.92 7.23 6.52	204.28 14.07 17.20	94.04 5.74 -0.05	47.42 3.15 0.00	40.97 1.89 0.01
BAYONEEC___CTG7 323688	37.26 1.71 -0.02	34.91 1.59 0.00	28.75 1.35 0.00	27.84 1.23 0.00	29.71 1.26 0.00	33.48 1.42 0.00	32.61 1.46 -0.06	36.67 1.50 -5.74	38.47 1.77 0.75	37.93 2.13 5.08	38.54 2.48 5.70	38.54 3.06 9.18	52.35 5.04 26.66	161.52 11.35 33.07	178.66 14.53 34.21	283.03 21.74 14.69	227.12 24.95 85.68	883.80 68.41 4.33	193.77 14.69 0.04	97.92 7.23 6.52	204.28 14.07 17.20	94.04 5.74 -0.05	47.42 3.15 0.00	40.97 1.89 0.01
BAYONEEC___CTG8 323689	37.26 1.71 -0.02	34.91 1.59 0.00	28.75 1.35 0.00	27.84 1.23 0.00	29.71 1.26 0.00	33.48 1.42 0.00	32.61 1.46 -0.06	36.67 1.50 -5.74	38.47 1.77 0.75	37.93 2.13 5.08	38.54 2.48 5.70	38.54 3.06 9.18	52.35 5.04 26.66	161.52 11.35 33.07	178.66 14.53 34.21	283.03 21.74 14.69	227.12 24.95 85.68	883.80 68.41 4.33	193.77 14.69 0.04	97.92 7.23 6.52	204.28 14.07 17.20	94.04 5.74 -0.05	47.42 3.15 0.00	40.97 1.89 0.01
BAYONEEC___CTG9 323749	37.26 1.71 -0.02	34.91 1.59 0.00	28.75 1.35 0.00	27.84 1.23 0.00	29.71 1.26 0.00	33.48 1.42 0.00	32.61 1.46 -0.06	36.67 1.50 -5.74	38.47 1.77 0.75	37.93 2.13 5.08	38.54 2.48 5.70	38.54 3.06 9.18	52.35 5.04 26.66	161.52 11.35 33.07	178.66 14.53 34.21	283.03 21.74 14.69	227.12 24.95 85.68	883.80 68.41 4.33	193.77 14.69 0.04	97.92 7.23 6.52	204.28 14.07 17.20	94.04 5.74 -0.05	47.42 3.15 0.00	40.97 1.89 0.01

BEACON___LESR 323632	36.17 0.67 0.02	34.04 0.72 0.00	28.08 0.69 0.00	27.23 0.62 0.00	29.14 0.69 0.00	32.73 0.67 0.00	31.60 0.57 0.06	31.44 0.67 -1.34	38.33 0.71 -0.18	41.59 0.72 0.00	42.34 0.73 0.15	45.40 0.88 0.14	73.71 0.91 1.18	177.56 1.04 6.71	199.19 2.56 1.71	280.41 4.43 0.00	295.70 7.84 0.00	843.63 23.92 0.00	185.41 6.29 0.00	100.20 2.99 0.00	213.99 6.59 0.00	90.49 2.30 0.05	45.86 1.60 0.00	40.18 1.10 0.00
BEAVER RIVER___HYD 24048	36.03 0.50 0.00	33.32 0.00 0.00	27.18 -0.21 0.00	26.62 0.00 0.00	28.58 0.13 0.00	32.38 0.32 0.00	31.54 0.44 0.00	29.82 0.39 0.00	37.93 0.48 0.00	41.31 0.43 0.00	41.87 0.10 0.00	44.23 -0.42 0.00	-399.04 -1.46 471.56	179.72 -3.51 0.00	198.05 -0.29 0.00	274.31 -1.67 0.00	287.46 -0.39 0.00	813.07 -6.64 0.00	178.12 -1.00 0.00	97.40 0.18 0.00	209.51 2.11 0.00	89.19 0.94 0.00	44.50 0.23 0.00	39.04 -0.05 0.00
BEEBEE_GT_13 23619	36.22 0.69 0.00	33.84 0.53 0.00	27.51 0.11 0.00	26.79 0.18 0.00	28.66 0.21 0.00	32.52 0.45 0.00	31.56 0.46 0.00	29.73 0.30 0.00	38.16 0.71 0.00	42.21 1.34 0.00	43.69 1.93 0.00	47.60 2.94 0.00	79.29 5.31 0.00	194.56 11.33 0.00	209.16 10.81 0.00	290.30 14.31 0.00	299.31 11.44 0.00	853.78 34.06 0.00	186.73 7.61 0.00	101.61 4.40 0.00	215.79 8.39 0.00	93.11 4.86 0.00	46.48 2.21 0.00	40.83 1.75 0.00
BENSHRST_27_KV_BENSHRST_1 355998	37.84 2.29 -0.02	35.44 2.12 0.00	29.15 1.76 0.00	28.22 1.61 0.00	30.13 1.68 0.00	33.96 1.89 0.00	33.10 1.95 -0.06	37.13 1.95 -5.74	40.65 2.44 -0.76	43.73 2.86 0.00	45.03 3.14 -0.13	48.67 3.88 -0.13	81.34 6.28 -1.09	202.71 13.31 -6.17	216.73 16.82 -1.57	300.61 24.63 0.00	315.23 27.37 0.00	894.41 74.69 0.00	195.19 16.08 0.00	103.53 7.99 1.68	211.89 15.91 11.42	94.88 6.58 -0.05	47.98 3.70 0.00	41.46 2.38 0.00
BETHLEHEM___GRP 23843	35.69 0.19 0.02	33.58 0.26 0.00	27.75 0.35 0.00	26.92 0.31 0.00	28.77 0.32 0.00	32.28 0.22 0.00	31.12 0.08 0.06	30.91 0.14 -1.34	37.68 0.05 -0.18	40.86 -0.02 0.00	41.65 0.03 0.14	44.60 0.07 0.13	72.43 -0.43 1.12	175.00 -1.86 6.38	196.00 -0.72 1.62	275.74 -0.24 0.00	290.44 2.59 0.00	828.22 8.50 0.00	182.01 2.89 0.00	98.41 1.19 0.00	210.13 2.73 0.00	88.99 0.79 0.05	45.14 0.87 0.00	39.57 0.49 0.00
BETHLEHEM___GS1 323560	35.70 0.19 0.02	33.58 0.27 0.00	27.75 0.36 0.00	26.92 0.31 0.00	28.77 0.32 0.00	32.28 0.22 0.00	31.12 0.08 0.06	30.91 0.14 -1.34	37.68 0.05 -0.18	40.85 -0.02 0.00	41.64 0.02 0.14	44.60 0.07 0.13	72.44 -0.42 1.12	175.00 -1.86 6.38	196.00 -0.72 1.62	275.74 -0.24 0.00	290.44 2.58 0.00	828.29 8.57 0.00	182.00 2.89 0.00	98.41 1.19 0.00	210.13 2.73 0.00	88.99 0.79 0.05	45.14 0.87 0.00	39.57 0.48 0.00
BETHLEHEM___GS2 323561	35.70 0.19 0.02	33.58 0.27 0.00	27.75 0.36 0.00	26.92 0.31 0.00	28.77 0.32 0.00	32.28 0.22 0.00	31.12 0.08 0.06	30.91 0.14 -1.34	37.68 0.05 -0.18	40.85 -0.02 0.00	41.64 0.02 0.14	44.60 0.07 0.13	72.44 -0.42 1.12	175.00 -1.86 6.38	196.00 -0.72 1.62	275.74 -0.24 0.00	290.44 2.58 0.00	828.29 8.57 0.00	182.00 2.89 0.00	98.41 1.19 0.00	210.13 2.73 0.00	88.99 0.79 0.05	45.14 0.87 0.00	39.57 0.48 0.00
BETHLEHEM___GS3 323562	35.70 0.19 0.02	33.58 0.27 0.00	27.75 0.36 0.00	26.92 0.31 0.00	28.77 0.32 0.00	32.28 0.22 0.00	31.12 0.08 0.06	30.91 0.14 -1.34	37.68 0.05 -0.18	40.85 -0.02 0.00	41.64 0.02 0.14	44.60 0.07 0.13	72.44 -0.42 1.12	175.00 -1.86 6.38	196.00 -0.72 1.62	275.74 -0.24 0.00	290.44 2.58 0.00	828.29 8.57 0.00	182.00 2.89 0.00	98.41 1.19 0.00	210.13 2.73 0.00	88.99 0.79 0.05	45.14 0.87 0.00	39.57 0.48 0.00
BETHLEHEM___STEEL 23779	36.01 0.48 0.00	33.65 0.33 0.00	27.21 -0.18 0.00	26.57 -0.05 0.00	28.43 -0.02 0.00	32.34 0.28 0.00	31.37 0.28 0.00	29.44 0.00 0.00	37.97 0.52 0.00	42.24 1.36 0.00	43.88 2.12 0.00	48.03 3.38 0.00	80.22 6.24 0.00	195.72 12.49 0.00	209.90 11.56 0.00	290.66 14.68 0.00	298.00 9.70 -0.44	848.93 29.21 0.00	185.17 6.05 0.00	100.84 3.63 0.00	214.65 7.25 0.00	93.23 4.98 0.00	46.57 2.30 0.00	41.00 1.92 0.00
BETHLHEM_115KV_TB1 79974	35.79 0.28 0.02	33.67 0.36 0.00	27.82 0.43 0.00	27.00 0.38 0.00	28.85 0.40 0.00	32.37 0.31 0.00	31.22 0.18 0.06	30.99 0.22 -1.33	37.78 0.15 -0.18	40.98 0.11 0.00	41.79 0.16 0.13	44.76 0.22 0.12	72.76 -0.15 1.06	175.89 -1.27 6.08	196.70 -0.10 1.55	276.60 0.62 0.00	291.31 3.45 0.00	830.39 10.68 0.00	182.40 3.28 0.00	98.67 1.46 0.00	210.72 3.32 0.00	89.26 1.06 0.05	45.28 1.00 0.00	39.68 0.59 0.00
BETHPAGE_CC_5 323564	38.33 2.63 -0.17	35.69 2.38 0.00	29.24 1.85 0.00	28.25 1.64 0.00	30.22 1.78 0.00	34.24 2.18 0.00	33.35 2.20 -0.06	36.94 1.80 -5.70	40.22 2.01 -0.76	43.36 2.36 -0.13	44.81 2.91 -0.14	48.33 3.34 -0.33	80.90 5.29 -1.64	215.76 12.09 -20.44	252.50 15.62 -38.54	365.19 23.82 -65.39	414.51 27.97 -98.68	1070.95 77.62 -173.62	414.89 17.01 -218.76	315.34 8.50 -209.63	237.77 16.62 -13.75	242.87 7.03 -147.60	51.48 3.75 -3.46	41.85 2.58 -0.19
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.11 0.58 0.00	33.73 0.42 0.00	27.27 -0.12 0.00	26.63 0.01 0.00	28.50 0.05 0.00	32.42 0.36 0.00	31.47 0.37 0.00	29.54 0.11 0.00	38.12 0.67 0.00	42.42 1.54 0.00	44.07 2.31 0.00	48.24 3.58 0.00	80.58 6.60 0.00	196.62 13.39 0.00	210.96 12.62 0.00	292.17 16.19 0.00	299.50 11.22 -0.42	853.09 33.38 0.00	186.05 6.93 0.00	101.30 4.08 0.00	215.64 8.24 0.00	93.58 5.33 0.00	46.72 2.45 0.00	41.10 2.02 0.00
BINGHAMTON___COGEN 23790	36.03 0.50 0.00	33.68 0.36 0.00	27.61 0.22 0.00	26.85 0.24 0.00	28.70 0.25 0.00	32.48 0.42 0.00	31.60 0.50 0.00	29.89 0.46 0.00	38.12 0.68 0.00	41.87 0.99 0.00	42.96 1.20 0.00	46.32 1.66 0.00	76.95 2.98 0.00	189.00 5.77 0.00	205.24 6.90 0.00	285.91 9.93 0.00	296.82 8.96 0.00	844.86 25.14 0.00	185.08 5.96 0.00	100.52 3.31 0.00	214.43 7.03 0.00	91.42 3.17 0.00	45.78 1.51 0.00	40.17 1.09 0.00
BIXINCNT_115KV_LOAD 355685	35.79 0.26 0.00	33.50 0.18 0.00	27.12 -0.27 0.00	26.47 -0.14 0.00	28.34 -0.11 0.00	32.29 0.23 0.00	31.46 0.37 0.00	29.66 0.22 0.00	38.32 0.87 0.00	42.83 1.96 0.00	44.31 2.55 0.00	48.44 3.78 0.00	80.88 6.90 0.00	197.09 13.86 0.00	211.58 13.24 0.00	293.20 17.22 0.00	299.75 11.55 -0.34	853.67 33.96 0.00	186.50 7.38 0.00	101.62 4.41 0.00	216.60 9.20 0.00	93.65 5.40 0.00	46.80 2.52 0.00	41.02 1.94 0.00
BLACK RIVER___HYD 24047	36.62 1.09 0.00	33.76 0.44 0.00	27.52 0.13 0.00	27.00 0.38 0.00	29.04 0.59 0.00	32.97 0.91 0.00	32.12 1.03 0.00	30.38 0.95 0.00	38.59 1.14 0.00	42.07 1.20 0.00	42.66 0.90 0.00	45.09 0.44 0.00	-255.41 0.03 329.41	182.57 -0.66 0.00	201.53 3.19 0.00	279.10 3.12 0.00	292.64 4.78 0.00	826.64 6.93 0.00	181.44 2.33 0.00	99.93 2.72 0.00	215.57 8.17 0.00	91.79 3.54 0.00	45.69 1.42 0.00	39.86 0.77 0.00

BLACKRVR_115KV_TB2 79977	36.62 1.09 0.00	33.76 0.45 0.00	27.52 0.13 0.00	27.00 0.38 0.00	29.04 0.59 0.00	32.97 0.91 0.00	32.12 1.03 0.00	30.38 0.95 0.00	38.59 1.14 0.00	42.08 1.20 0.00	42.65 0.89 0.00	45.09 0.44 0.00	-255.41 0.03 329.41	182.57 -0.66 0.00	201.53 3.19 0.00	279.08 3.10 0.00	292.58 4.73 0.00	826.65 6.93 0.00	181.44 2.33 0.00	99.93 2.72 0.00	215.57 8.17 0.00	91.79 3.54 0.00	45.69 1.42 0.00	39.85 0.77 0.00
BLISS_WT_PWR 323608	35.69 0.16 0.00	33.43 0.11 0.00	27.06 -0.33 0.00	26.43 -0.19 0.00	28.28 -0.16 0.00	32.24 0.18 0.00	31.42 0.32 0.00	29.63 0.20 0.00	38.32 0.87 0.00	42.90 2.02 0.00	44.39 2.63 0.00	48.52 3.87 0.00	81.01 7.03 0.00	197.36 14.13 0.00	211.87 13.52 0.00	293.62 17.64 0.00	300.19 11.99 -0.34	854.80 35.08 0.00	186.73 7.61 0.00	101.77 4.56 0.00	217.01 9.61 0.00	93.77 5.52 0.00	46.85 2.58 0.00	41.08 1.99 0.00
BLUESTONE___WT_PWR 323821	37.58 2.05 0.00	35.11 1.80 0.00	28.80 1.41 0.00	28.01 1.40 0.00	29.96 1.51 0.00	33.96 1.90 0.00	33.06 1.96 0.00	31.35 1.91 0.00	39.93 2.48 0.00	43.72 2.85 0.00	44.75 2.99 0.00	48.16 3.50 0.00	80.19 6.21 0.00	197.23 14.00 0.00	214.59 16.25 0.00	300.39 24.41 0.00	312.09 24.23 0.00	893.27 73.56 0.00	196.65 17.53 0.00	106.85 9.63 0.00	227.43 20.03 0.00	96.56 8.31 0.00	48.11 3.84 0.00	42.10 3.02 0.00
BLUE_CIRC_CHEM_DRP 24182	36.25 0.74 0.02	34.12 0.80 0.00	28.20 0.81 0.00	27.37 0.76 0.00	29.25 0.80 0.00	32.84 0.77 0.00	31.68 0.63 0.04	31.27 0.61 -1.23	38.21 0.60 -0.16	41.39 0.52 0.00	42.10 0.44 0.10	44.58 0.02 0.09	72.31 -0.88 0.79	175.62 -3.13 4.48	195.06 -2.14 1.14	273.78 -2.20 0.00	288.38 0.52 0.00	822.46 2.74 0.00	180.76 1.65 0.00	97.86 0.64 0.00	209.12 1.72 0.00	88.82 0.61 0.04	45.07 0.80 0.00	39.54 0.46 0.00
BOC_GAS_DRP 24189	36.01 0.50 0.01	33.88 0.56 0.00	27.99 0.60 0.00	27.17 0.55 0.00	29.03 0.58 0.00	32.59 0.52 0.00	31.44 0.39 0.04	31.14 0.40 -1.30	38.03 0.40 -0.17	41.28 0.41 0.00	42.13 0.47 0.10	45.13 0.57 0.09	73.64 0.43 0.77	178.94 0.11 4.40	198.63 1.41 1.12	278.56 2.58 0.00	292.96 5.10 0.00	834.38 14.66 0.00	183.08 3.96 0.00	99.09 1.88 0.00	211.59 4.20 0.00	89.80 1.59 0.04	45.50 1.23 0.00	39.87 0.78 0.00
BOONVILLE_115KV_TB1 79983	36.37 0.85 0.00	33.87 0.55 0.00	27.75 0.36 0.00	27.05 0.44 0.00	28.99 0.54 0.00	32.79 0.73 0.00	31.90 0.80 0.00	30.18 0.74 0.00	38.40 0.95 0.00	41.95 1.08 0.00	42.79 1.03 0.00	45.62 0.97 0.00	-108.37 1.25 183.59	186.02 2.79 0.00	202.96 4.62 0.00	282.19 6.21 0.00	295.31 7.45 0.00	840.21 20.49 0.00	184.33 5.21 0.00	100.31 3.09 0.00	214.20 6.80 0.00	91.01 2.76 0.00	45.56 1.29 0.00	39.95 0.87 0.00
BORALEX_4TH_BRANCH 23824	36.83 1.36 0.05	34.77 1.45 0.00	28.70 1.30 0.00	27.85 1.24 0.00	29.79 1.34 0.00	33.36 1.30 0.00	31.90 0.94 0.14	31.89 0.98 -1.47	38.79 1.14 -0.20	42.00 1.13 0.00	42.52 1.09 0.33	45.67 1.32 0.31	72.76 1.44 2.65	170.27 2.17 15.13	198.37 3.87 3.85	280.65 4.66 0.00	297.82 9.96 0.00	851.98 32.27 0.00	187.99 8.87 0.00	101.71 4.50 0.00	218.15 10.75 0.00	91.72 3.60 0.12	46.65 2.38 0.00	40.96 1.88 0.00
BOWLINE___1 23526	36.79 1.24 -0.02	34.43 1.11 0.00	28.36 0.97 0.00	27.52 0.91 0.00	29.36 0.91 0.00	33.06 1.00 0.00	32.14 0.99 -0.05	22.26 1.03 8.20	37.54 1.18 1.09	42.36 1.49 0.00	43.69 1.80 -0.12	47.11 2.34 -0.12	78.82 3.84 -1.00	197.52 8.60 -5.69	210.89 11.10 -1.45	292.78 16.80 0.00	307.18 19.32 0.00	872.60 52.88 0.00	190.74 11.62 0.00	102.92 5.70 0.00	218.45 11.05 0.00	92.72 4.42 -0.05	46.75 2.48 0.00	40.50 1.41 0.00
BOWLINE___2 23595	36.85 1.31 -0.02	34.49 1.18 0.00	28.41 1.02 0.00	27.55 0.93 0.00	29.39 0.94 0.00	33.12 1.05 0.00	32.20 1.05 -0.05	22.31 1.08 8.20	37.61 1.25 1.09	42.44 1.57 0.00	43.77 1.88 -0.12	47.19 2.42 -0.12	78.97 3.99 -1.00	197.89 8.97 -5.70	211.28 11.49 -1.45	293.34 17.36 0.00	307.68 19.82 0.00	874.11 54.39 0.00	191.07 11.95 0.00	103.10 5.89 0.00	218.87 11.47 0.00	92.89 4.60 -0.05	46.83 2.56 0.00	40.57 1.49 0.00
BRADY___115KV_TB2 356060	35.46 -0.07 0.00	33.16 -0.16 0.00	27.12 -0.27 0.00	26.36 -0.25 0.00	28.18 -0.27 0.00	31.82 -0.25 0.00	31.00 -0.09 0.00	29.30 -0.13 0.00	37.22 -0.23 0.00	40.19 -0.69 0.00	40.70 -1.06 0.00	42.65 -2.01 0.00	-1553.67 -3.55 1624.10	177.88 -5.35 0.00	192.45 -5.89 0.00	266.65 -9.33 0.00	277.01 -10.85 0.00	791.06 -28.66 0.00	173.15 -5.97 0.00	94.33 -2.88 0.00	200.25 -7.15 0.00	85.31 -2.94 0.00	42.62 -1.65 0.00	38.23 -0.86 0.00
BRANSCOMB___SOLAR 323811	37.26 1.76 0.03	34.97 1.66 0.00	28.84 1.45 0.00	27.99 1.38 0.00	29.95 1.50 0.00	33.63 1.57 0.00	32.45 1.43 0.08	32.16 1.42 -1.31	39.38 1.75 -0.17	42.78 1.91 0.00	43.58 2.00 0.18	46.78 2.30 0.17	76.00 3.45 1.44	182.98 7.93 8.18	206.09 9.83 2.08	290.55 14.57 0.00	305.15 17.29 0.00	871.81 52.09 0.00	192.19 13.07 0.00	103.75 6.54 0.00	221.63 14.23 0.00	93.66 5.48 0.07	47.35 3.08 0.00	41.48 2.40 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	38.80 3.10 -0.17	36.12 2.81 0.00	29.54 2.15 0.00	28.50 1.88 0.00	30.52 2.07 0.00	34.65 2.59 0.00	33.75 2.60 -0.06	37.36 2.22 -5.70	40.72 2.52 -0.76	43.87 2.87 -0.13	45.32 3.40 -0.16	51.04 3.86 -2.52	87.29 5.59 -7.72	227.11 12.45 -31.44	259.50 16.13 -45.03	366.00 24.63 -65.39	415.41 28.87 -98.68	1073.63 80.30 -173.62	415.60 17.72 -218.76	315.92 9.08 -209.63	240.06 18.04 -14.62	243.62 7.77 -147.60	50.47 4.09 -2.11	42.44 3.07 -0.29
BRISTLHL_115KV_TB1 79998	35.60 0.07 0.00	33.32 0.00 0.00	27.34 -0.05 0.00	26.58 -0.03 0.00	28.42 -0.04 0.00	32.09 0.02 0.00	31.17 0.07 0.00	29.47 0.04 0.00	37.56 0.11 0.00	41.16 0.28 0.00	42.24 0.47 0.00	45.41 0.75 0.00	32.87 1.27 42.38	185.57 2.34 0.00	200.96 2.62 0.00	279.68 3.70 0.00	291.03 3.17 0.00	826.35 6.64 0.00	180.82 1.70 0.00	98.37 1.16 0.00	210.00 2.60 0.00	89.42 1.17 0.00	44.69 0.42 0.00	39.29 0.21 0.00
BROOKHAVEN___DRP 24191	38.96 3.26 -0.17	36.28 2.96 0.00	29.66 2.27 0.00	28.58 1.97 0.00	30.62 2.17 0.00	34.75 2.69 0.00	33.87 2.72 -0.06	37.44 2.31 -5.70	40.85 2.65 -0.76	43.88 2.88 -0.13	45.78 3.76 -0.25	60.39 4.20 -11.54	113.24 6.55 -32.72	274.98 13.79 -77.96	289.84 16.91 -74.59	367.24 25.87 -65.39	416.71 30.16 -98.68	1075.41 82.08 -173.62	415.61 17.73 -218.76	316.55 9.71 -209.63	246.20 20.22 -18.58	244.87 9.03 -147.60	50.93 4.70 -1.96	43.18 3.40 -0.69
BROOKLYN_NAVY_YARD 23515	37.26 1.71 -0.02	34.89 1.57 0.00	28.72 1.33 0.00	27.81 1.20 0.00	29.68 1.23 0.00	33.45 1.39 0.00	32.59 1.44 -0.06	36.66 1.48 -5.74	40.00 1.79 -0.76	43.01 2.14 0.00	44.37 2.48 -0.13	47.91 3.12 -0.13	80.22 5.16 -1.08	201.04 11.65 -6.17	214.85 14.94 -1.57	298.29 22.31 0.00	313.37 25.51 0.00	889.57 69.85 0.00	194.14 15.02 0.00	104.63 7.41 0.00	221.97 14.57 0.00	94.25 5.95 -0.05	47.54 3.27 0.00	41.06 1.98 0.00



BROOKLYN___ARMY_DRP 323595	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.48 0.00	33.73 1.67 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.64 2.74 -0.13	48.21 3.43 -0.13	80.54 5.48 -1.09	200.74 11.34 -6.17	214.55 14.64 -1.57	297.58 21.60 0.00	312.07 24.21 0.00	885.39 65.68 0.00	193.25 14.13 0.00	102.47 6.93 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.08 2.00 0.00
BROOKVLE_69_KV_TB1 55790	38.13 2.44 -0.17	35.54 2.23 0.00	29.17 1.78 0.00	28.22 1.61 0.00	30.16 1.71 0.00	34.09 2.03 0.00	33.20 2.05 -0.06	37.00 1.87 -5.70	40.43 2.22 -0.76	43.68 2.68 -0.13	45.03 3.14 -0.13	48.48 3.70 -0.13	81.14 6.08 -1.08	217.09 14.16 -19.71	254.78 17.90 -38.54	368.01 26.65 -65.39	416.95 30.41 -98.68	1077.79 84.46 -173.62	416.27 18.39 -218.76	316.01 9.17 -209.63	239.15 18.01 -13.74	243.23 7.38 -147.60	53.30 3.88 -5.15	42.00 2.73 -0.18
BROOME_2_LFGE 323671	36.03 0.50 0.00	33.68 0.36 0.00	27.61 0.22 0.00	26.85 0.24 0.00	28.70 0.25 0.00	32.49 0.42 0.00	31.60 0.50 0.00	29.89 0.46 0.00	38.12 0.67 0.00	41.87 0.99 0.00	42.96 1.20 0.00	46.32 1.66 0.00	76.95 2.97 0.00	189.00 5.77 0.00	205.28 6.94 0.00	285.92 9.94 0.00	296.81 8.96 0.00	844.77 25.06 0.00	185.08 5.96 0.00	100.52 3.31 0.00	214.44 7.04 0.00	91.42 3.16 0.00	45.78 1.51 0.00	40.17 1.09 0.00
BROOME___LFGE 323600	36.03 0.50 0.00	33.68 0.36 0.00	27.61 0.22 0.00	26.85 0.24 0.00	28.70 0.25 0.00	32.49 0.42 0.00	31.60 0.50 0.00	29.89 0.46 0.00	38.12 0.67 0.00	41.87 0.99 0.00	42.96 1.20 0.00	46.32 1.66 0.00	76.95 2.97 0.00	189.00 5.77 0.00	205.28 6.94 0.00	285.92 9.94 0.00	296.81 8.96 0.00	844.77 25.06 0.00	185.08 5.96 0.00	100.52 3.31 0.00	214.44 7.04 0.00	91.42 3.16 0.00	45.78 1.51 0.00	40.17 1.09 0.00
BROWNFLS_115KV_TB 3_5 80003	35.51 -0.02 0.00	32.94 -0.37 0.00	26.86 -0.53 0.00	26.20 -0.41 0.00	28.06 -0.39 0.00	31.73 -0.33 0.00	30.95 -0.14 0.00	29.25 -0.19 0.00	37.20 -0.24 0.00	40.36 -0.51 0.00	40.90 -0.86 0.00	42.97 -1.68 0.00	-772.76 -3.44 843.29	176.47 -6.76 0.00	193.26 -5.08 0.00	267.47 -8.51 0.00	279.40 -8.46 0.00	793.06 -26.65 0.00	173.48 -5.64 0.00	94.66 -2.55 0.00	202.43 -4.97 0.00	86.26 -1.99 0.00	43.07 -1.20 0.00	38.15 -0.93 0.00
BROWNSV1_27_KV_LOAD 356125	37.83 2.28 -0.02	35.43 2.11 0.00	29.14 1.75 0.00	28.22 1.60 0.00	30.12 1.67 0.00	33.95 1.89 0.00	33.08 1.93 -0.06	37.14 1.96 -5.74	40.62 2.41 -0.76	43.74 2.87 0.00	45.16 3.26 -0.13	48.72 3.94 -0.13	81.59 6.53 -1.08	204.54 15.14 -6.17	218.60 18.69 -1.57	303.54 27.56 0.00	318.79 30.93 0.00	904.98 85.26 0.00	197.47 18.35 0.00	106.45 9.24 0.00	225.87 18.47 0.00	95.88 7.58 -0.05	48.30 4.03 0.00	41.73 2.65 0.00
BURROWS___LYONSDAL 23803	36.27 0.75 0.00	33.71 0.39 0.00	27.59 0.20 0.00	26.94 0.33 0.00	28.89 0.44 0.00	32.69 0.62 0.00	31.80 0.70 0.00	30.08 0.65 0.00	38.28 0.83 0.00	41.80 0.93 0.00	42.58 0.82 0.00	45.30 0.64 0.00	-165.47 0.66 240.11	184.62 1.39 0.00	201.84 3.50 0.00	280.45 4.47 0.00	293.47 5.61 0.00	834.02 14.30 0.00	182.92 3.80 0.00	99.60 2.39 0.00	212.95 5.55 0.00	90.52 2.27 0.00	45.29 1.02 0.00	39.69 0.61 0.00
CAITHNESS_CC_1 323624	38.79 3.09 -0.17	36.12 2.81 0.00	29.54 2.15 0.00	28.47 1.86 0.00	30.49 2.04 0.00	34.61 2.55 0.00	33.73 2.58 -0.06	37.30 2.17 -5.70	40.67 2.46 -0.76	43.71 2.71 -0.13	45.55 3.53 -0.26	60.07 3.93 -11.47	112.63 6.11 -32.54	273.55 12.89 -77.43	288.30 16.00 -73.96	365.96 24.59 -65.39	415.35 28.80 -98.68	1071.76 78.42 -173.62	414.88 17.00 -218.76	316.08 9.24 -209.63	244.96 19.06 -18.50	244.30 8.45 -147.60	50.65 4.43 -1.95	42.93 3.16 -0.69
CALPINE BETH_PAGE_GT4 24209	38.22 2.53 -0.17	35.61 2.29 0.00	29.17 1.78 0.00	28.18 1.57 0.00	30.16 1.71 0.00	34.16 2.09 0.00	33.26 2.11 -0.06	36.84 1.71 -5.70	40.10 1.90 -0.76	43.27 2.27 -0.13	44.70 2.81 -0.14	48.21 3.27 -0.28	80.67 5.19 -1.50	215.40 11.92 -20.25	252.29 15.41 -38.54	364.90 23.53 -65.39	414.22 27.69 -98.68	1070.05 76.72 -173.62	414.71 16.83 -218.76	315.24 8.40 -209.63	237.56 16.41 -13.74	242.73 6.89 -147.60	52.04 3.66 -4.11	41.78 2.51 -0.19
CALPINE_BETH_PAGE_GT_4 323586	38.23 2.53 -0.17	35.61 2.29 0.00	29.17 1.78 0.00	28.18 1.57 0.00	30.16 1.71 0.00	34.16 2.09 0.00	33.26 2.11 -0.06	36.83 1.70 -5.70	40.10 1.89 -0.76	43.27 2.27 -0.13	44.70 2.80 -0.14	48.20 3.27 -0.28	80.67 5.19 -1.50	215.42 11.94 -20.25	252.29 15.41 -38.54	364.89 23.53 -65.39	414.23 27.69 -98.68	1070.11 76.78 -173.62	414.71 16.83 -218.76	315.24 8.40 -209.63	237.44 16.29 -13.75	242.75 6.90 -147.60	52.04 3.66 -4.11	41.75 2.49 -0.19
CALPINE_BP_GT1 23823	38.23 2.53 -0.17	35.61 2.29 0.00	29.17 1.78 0.00	28.18 1.57 0.00	30.16 1.71 0.00	34.16 2.09 0.00	33.26 2.11 -0.06	36.83 1.70 -5.70	40.10 1.89 -0.76	43.27 2.27 -0.13	44.70 2.80 -0.14	48.20 3.27 -0.28	80.67 5.19 -1.50	215.42 11.94 -20.25	252.29 15.41 -38.54	364.89 23.53 -65.39	414.23 27.69 -98.68	1070.11 76.78 -173.62	414.71 16.83 -218.76	315.24 8.40 -209.63	237.44 16.29 -13.75	242.75 6.90 -147.60	52.04 3.66 -4.11	41.75 2.49 -0.19
CALSPAN___DRP 24200	36.01 0.48 0.00	33.65 0.33 0.00	27.21 -0.18 0.00	26.57 -0.05 0.00	28.43 -0.02 0.00	32.34 0.28 0.00	31.37 0.28 0.00	29.44 0.00 0.00	37.97 0.52 0.00	42.24 1.36 0.00	43.88 2.12 0.00	48.03 3.38 0.00	80.22 6.24 0.00	195.72 12.49 0.00	209.90 11.56 0.00	290.66 14.68 0.00	298.00 9.70 -0.44	848.93 29.21 0.00	185.17 6.05 0.00	100.84 3.63 0.00	214.65 7.25 0.00	93.23 4.98 0.00	46.57 2.30 0.00	41.00 1.92 0.00
CALVERTON___SOLAR 323806	39.18 3.48 -0.17	36.48 3.17 0.00	29.81 2.42 0.00	28.73 2.11 0.00	30.77 2.32 0.00	34.92 2.86 0.00	34.06 2.90 -0.06	37.61 2.48 -5.70	41.08 2.88 -0.76	44.13 3.12 -0.13	46.06 4.05 -0.26	60.74 4.52 -11.57	113.89 7.12 -32.80	276.46 15.05 -78.18	291.38 18.21 -74.83	369.08 27.71 -65.39	418.56 32.02 -98.68	1080.63 87.29 -173.62	416.75 18.87 -218.76	317.18 10.33 -209.63	247.74 21.72 -18.62	245.60 9.75 -147.60	51.26 5.03 -1.96	43.42 3.65 -0.69
CANDIGU_WT_PWR 323617	35.66 0.14 0.00	33.30 -0.02 0.00	27.08 -0.31 0.00	26.38 -0.23 0.00	28.19 -0.27 0.00	32.07 0.00 0.00	31.23 0.13 0.00	29.48 0.05 0.00	37.86 0.41 0.00	41.94 1.06 0.00	43.34 1.58 0.00	47.08 2.42 0.00	78.60 4.63 0.00	191.73 8.50 0.00	207.26 8.92 0.00	287.69 11.71 0.00	296.35 8.49 0.00	844.19 24.48 0.00	184.91 5.79 0.00	100.84 3.63 0.00	215.05 7.65 0.00	92.56 4.31 0.00	46.26 1.99 0.00	40.63 1.55 0.00
CARR STREET_E_SYR 24060	35.73 0.20 0.00	33.43 0.12 0.00	27.42 0.03 0.00	26.65 0.04 0.00	28.50 0.05 0.00	32.18 0.12 0.00	31.18 0.08 0.00	29.45 0.01 0.00	37.54 0.10 0.00	41.18 0.30 0.00	42.28 0.51 0.00	45.49 0.83 0.00	40.69 1.50 34.78	186.12 2.89 0.00	201.59 3.24 0.00	280.61 4.63 0.00	291.93 4.07 0.00	829.76 10.04 0.00	181.55 2.43 0.00	98.69 1.48 0.00	210.43 3.03 0.00	89.62 1.37 0.00	44.82 0.55 0.00	39.40 0.31 0.00

CARTHAGE___PAPER 23857	36.48 0.95 0.00	33.68 0.37 0.00	27.47 0.08 0.00	26.91 0.30 0.00	28.93 0.48 0.00	32.81 0.75 0.00	31.98 0.88 0.00	30.24 0.80 0.00	38.42 0.97 0.00	41.79 0.92 0.00	42.24 0.48 0.00	44.54 -0.11 0.00	-311.93 -1.50 384.41	179.26 -3.97 0.00	199.76 1.42 0.00	275.85 -0.13 0.00	290.09 2.23 0.00	814.63 -5.08 0.00	178.16 -0.95 0.00	97.85 0.64 0.00	213.02 5.62 0.00	90.76 2.51 0.00	45.22 0.95 0.00	39.58 0.49 0.00
CASSADAGA_WT_PWR 323784	36.28 0.75 0.00	33.96 0.64 0.00	27.48 0.08 0.00	26.82 0.21 0.00	28.72 0.27 0.00	32.78 0.72 0.00	31.98 0.88 0.00	30.17 0.73 0.00	39.05 1.60 0.00	43.58 2.71 0.00	45.23 3.47 0.00	49.47 4.81 0.00	82.91 8.93 0.00	201.70 18.47 0.00	215.22 16.88 0.00	298.33 22.35 0.00	304.85 16.71 -0.28	867.30 47.58 0.00	189.45 10.33 0.00	103.08 5.87 0.00	219.85 12.45 0.00	95.72 7.48 0.00	47.71 3.44 0.00	41.87 2.78 0.00
CE_DUNWOOD___DRP 24194	37.14 1.60 -0.02	34.78 1.47 0.00	28.63 1.24 0.00	27.75 1.14 0.00	29.62 1.17 0.00	33.36 1.30 0.00	32.47 1.31 -0.06	36.87 1.34 -6.10	39.86 1.60 -0.81	42.80 1.93 0.00	44.16 2.26 -0.13	47.59 2.81 -0.13	79.62 4.57 -1.08	199.65 10.27 -6.15	213.09 13.18 -1.56	295.77 19.79 0.00	310.71 22.85 0.00	882.58 62.87 0.00	192.89 13.77 0.00	104.02 6.80 0.00	220.79 13.39 0.00	93.69 5.39 -0.05	47.22 2.95 0.00	40.92 1.83 0.00
CE_MILLWOOD___DRP 24193	37.05 1.50 -0.02	34.69 1.38 0.00	28.57 1.17 0.00	27.69 1.07 0.00	29.55 1.10 0.00	33.29 1.23 0.00	32.38 1.23 -0.06	37.05 1.25 -6.36	39.79 1.49 -0.84	42.68 1.81 0.00	44.03 2.14 -0.13	47.46 2.67 -0.13	79.38 4.34 -1.07	199.04 9.71 -6.10	212.38 12.49 -1.55	294.83 18.85 0.00	309.70 21.84 0.00	879.73 60.02 0.00	192.26 13.14 0.00	103.73 6.52 0.00	220.19 12.79 0.00	93.44 5.14 -0.05	47.09 2.82 0.00	40.82 1.73 0.00
CE_NYC2_DRP 24202	37.42 1.88 -0.02	35.04 1.72 0.00	28.84 1.45 0.00	27.92 1.31 0.00	29.81 1.36 0.00	33.57 1.51 0.00	32.72 1.57 -0.06	36.80 1.62 -5.74	40.18 1.97 -0.76	43.16 2.28 0.00	44.47 2.57 -0.13	47.95 3.17 -0.13	80.12 5.06 -1.08	200.55 11.15 -6.17	214.29 14.38 -1.57	297.23 21.25 0.00	311.95 24.09 0.00	885.89 66.18 0.00	193.32 14.20 0.00	102.49 6.96 1.68	209.52 13.55 11.42	93.77 5.48 -0.04	47.31 3.05 0.01	40.91 1.83 0.00
CE_NYC_DRP 24195	37.35 1.80 -0.02	34.97 1.65 0.00	28.79 1.40 0.00	27.88 1.27 0.00	29.76 1.31 0.00	33.54 1.48 0.00	32.68 1.53 -0.06	36.75 1.57 -5.74	40.10 1.89 -0.76	43.15 2.28 0.00	44.54 2.64 -0.13	48.02 3.24 -0.13	80.38 5.32 -1.08	201.46 12.07 -6.17	215.23 15.32 -1.57	298.83 22.85 0.00	313.99 26.13 0.00	891.21 71.49 0.00	194.45 15.33 0.00	104.79 7.58 0.00	222.27 14.87 0.00	94.34 6.04 -0.05	47.55 3.28 0.00	41.10 2.02 0.00
CHAFFEE___LFGE 323603	36.03 0.50 0.00	33.64 0.32 0.00	27.19 -0.20 0.00	26.56 -0.06 0.00	28.42 -0.03 0.00	32.34 0.28 0.00	31.39 0.30 0.00	29.46 0.02 0.00	38.00 0.55 0.00	42.27 1.39 0.00	43.88 2.12 0.00	48.01 3.36 0.00	80.25 6.27 0.00	195.86 12.63 0.00	210.59 12.24 0.00	291.65 15.67 0.00	298.83 10.58 -0.39	850.40 30.69 0.00	185.56 6.44 0.00	101.00 3.79 0.00	215.32 7.92 0.00	93.32 5.07 0.00	46.59 2.32 0.00	40.96 1.88 0.00
CHATEAUG_35_KV_LOAD 355732	35.46 -0.07 0.00	33.23 -0.09 0.00	27.24 -0.15 0.00	26.48 -0.14 0.00	28.36 -0.09 0.00	31.97 -0.09 0.00	31.11 0.01 0.00	29.43 0.00 0.00	37.48 0.03 0.00	40.54 -0.33 0.00	41.11 -0.65 0.00	43.52 -1.14 0.00	-49.29 -1.92 121.35	179.73 -3.50 0.00	194.85 -3.49 0.00	270.32 -5.66 0.00	281.01 -6.85 0.00	801.77 -17.95 0.00	175.02 -4.10 0.00	94.94 -2.27 0.00	202.63 -4.77 0.00	86.05 -2.20 0.00	42.99 -1.28 0.00	38.12 -0.96 0.00
CHATEAUG_WT_PWR 323614	35.44 -0.08 0.00	33.23 -0.09 0.00	27.25 -0.14 0.00	26.48 -0.14 0.00	28.37 -0.08 0.00	31.97 -0.09 0.00	31.11 0.02 0.00	29.40 -0.04 0.00	37.42 -0.03 0.00	40.49 -0.39 0.00	41.11 -0.65 0.00	43.56 -1.10 0.00	72.06 -1.92 0.00	179.76 -3.47 0.00	194.88 -3.46 0.00	270.27 -5.71 0.00	281.23 -6.63 0.00	801.56 -18.15 0.00	175.01 -4.11 0.00	94.83 -2.38 0.00	202.34 -5.06 0.00	85.89 -2.36 0.00	42.96 -1.31 0.00	38.09 -1.00 0.00
CHAT_HIGH_FALL_HYD 323578	35.46 -0.07 0.00	33.23 -0.09 0.00	27.25 -0.14 0.00	26.48 -0.14 0.00	28.36 -0.09 0.00	31.97 -0.09 0.00	31.11 0.01 0.00	29.43 0.00 0.00	37.48 0.03 0.00	40.54 -0.33 0.00	41.11 -0.65 0.00	43.52 -1.14 0.00	-49.29 -1.92 121.35	179.75 -3.48 0.00	194.85 -3.49 0.00	270.34 -5.64 0.00	281.04 -6.82 0.00	801.77 -17.95 0.00	175.02 -4.10 0.00	94.95 -2.26 0.00	202.63 -4.76 0.00	86.05 -2.20 0.00	42.99 -1.28 0.00	38.12 -0.96 0.00
CHAUTAUQUA___LFGE 323629	36.18 0.65 0.00	33.80 0.49 0.00	27.35 -0.04 0.00	26.71 0.09 0.00	28.58 0.13 0.00	32.60 0.54 0.00	31.74 0.64 0.00	29.89 0.45 0.00	38.56 1.12 0.00	42.92 2.05 0.00	44.56 2.80 0.00	48.75 4.09 0.00	81.63 7.66 0.00	198.59 15.36 0.00	212.91 14.57 0.00	295.10 19.12 0.00	302.16 14.01 -0.29	859.87 40.15 0.00	187.86 8.75 0.00	102.28 5.07 0.00	218.22 10.82 0.00	94.62 6.37 0.00	47.20 2.93 0.00	41.48 2.40 0.00
CHERRYST_13_KV_LD 356241	37.47 1.92 -0.02	35.09 1.78 0.00	28.88 1.49 0.00	27.98 1.37 0.00	29.86 1.42 0.00	33.67 1.61 0.00	32.80 1.65 -0.06	36.88 1.70 -5.74	40.29 2.08 -0.76	43.37 2.50 0.00	44.77 2.88 -0.13	48.29 3.51 -0.13	80.83 5.78 -1.08	202.58 13.19 -6.17	216.44 16.53 -1.57	300.52 24.54 0.00	315.75 27.89 0.00	896.07 76.35 0.00	195.45 16.33 0.00	105.28 8.07 0.00	223.22 15.82 0.00	94.76 6.46 -0.05	47.75 3.48 0.00	41.26 2.18 0.00
CHESTROR_138KV_BK263 355645	36.73 1.19 -0.02	34.40 1.08 0.00	28.33 0.94 0.00	27.47 0.86 0.00	29.32 0.87 0.00	33.04 0.98 0.00	32.10 0.96 -0.05	25.37 0.98 5.04	37.92 1.14 0.67	42.27 1.39 0.00	43.51 1.64 -0.11	46.86 2.10 -0.10	78.28 3.42 -0.88	195.93 7.67 -5.03	209.57 9.95 -1.28	291.06 15.09 0.00	305.38 17.52 0.00	867.90 48.19 0.00	189.86 10.74 0.00	102.57 5.36 0.00	217.97 10.57 0.00	92.54 4.25 -0.04	46.62 2.35 0.00	40.50 1.42 0.00
CH_MIDHUDSON___DRP 24192	37.00 1.46 -0.01	34.68 1.37 0.00	28.58 1.19 0.00	27.70 1.09 0.00	29.57 1.12 0.00	33.27 1.21 0.00	32.32 1.19 -0.04	32.44 1.27 -1.73	39.21 1.53 -0.23	42.71 1.84 0.00	43.97 2.12 -0.09	47.36 2.62 -0.08	78.78 4.07 -0.72	196.15 8.80 -4.12	210.86 11.47 -1.05	293.41 17.42 0.00	308.88 21.02 0.00	877.74 58.02 0.00	192.11 12.99 0.00	103.68 6.47 0.00	220.30 12.90 0.00	93.34 5.06 -0.03	47.04 2.76 0.00	40.84 1.76 0.00
CH_MISC_IPPS 23765	37.30 1.76 -0.02	34.93 1.61 0.00	28.76 1.37 0.00	27.88 1.26 0.00	29.77 1.32 0.00	33.52 1.46 0.00	32.61 1.47 -0.04	32.78 1.66 -1.69	39.74 2.07 -0.22	43.34 2.47 0.00	44.65 2.79 -0.10	48.05 3.30 -0.09	79.75 4.97 -0.80	197.97 10.15 -4.59	212.41 12.90 -1.17	295.68 19.70 0.00	311.12 23.26 0.00	884.23 64.51 0.00	193.49 14.36 0.00	104.42 7.21 0.00	221.54 14.13 0.00	93.89 5.60 -0.04	47.31 3.04 0.00	41.01 1.93 0.00

CH_RES_BVR_FALLS 23983	35.25 -0.28 0.00	32.99 -0.32 0.00	27.10 -0.29 0.00	26.37 -0.25 0.00	28.23 -0.22 0.00	31.84 -0.22 0.00	30.89 -0.21 0.00	29.22 -0.21 0.00	37.19 -0.26 0.00	40.50 -0.37 0.00	41.25 -0.50 0.00	43.83 -0.83 0.00	109.74 -1.49 -37.25	180.04 -3.19 0.00	194.27 -4.07 0.00	269.79 -6.19 0.00	280.96 -6.90 0.00	800.82 -18.90 0.00	174.90 -4.22 0.00	94.93 -2.28 0.00	203.36 -4.04 0.00	86.70 -1.55 0.00	43.45 -0.82 0.00	38.49 -0.59 0.00
CH_RES_NIAGARA 23895	35.09 -0.44 0.00	32.84 -0.48 0.00	26.52 -0.87 0.00	25.91 -0.71 0.00	27.73 -0.72 0.00	31.51 -0.55 0.00	30.47 -0.63 0.00	28.36 -1.07 0.00	36.55 -0.90 0.00	40.61 -0.27 0.00	42.23 0.47 0.00	46.19 1.53 0.00	76.94 2.97 0.00	187.47 4.24 0.00	200.40 2.06 0.00	277.02 1.04 0.00	281.22 -4.56 2.08	808.92 -10.80 0.00	176.90 -2.22 0.00	96.41 -0.80 0.00	204.74 -2.66 0.00	89.57 1.32 0.00	44.90 0.63 0.00	39.79 0.71 0.00
CH_RES_SYRACUSE 23985	35.91 0.39 0.00	33.64 0.32 0.00	27.58 0.19 0.00	26.80 0.19 0.00	28.65 0.20 0.00	32.36 0.30 0.00	31.41 0.32 0.00	29.73 0.30 0.00	37.86 0.41 0.00	41.48 0.60 0.00	42.48 0.72 0.00	45.59 0.93 0.00	44.38 1.59 31.19	186.33 3.10 0.00	201.65 3.30 0.00	280.84 4.86 0.00	292.68 4.83 0.00	832.02 12.31 0.00	182.20 3.08 0.00	99.06 1.85 0.00	211.56 4.16 0.00	90.11 1.86 0.00	45.13 0.87 0.00	39.72 0.64 0.00
CLINTON_WT_PWR 323605	35.44 -0.08 0.00	33.23 -0.09 0.00	27.25 -0.14 0.00	26.48 -0.14 0.00	28.37 -0.08 0.00	31.97 -0.09 0.00	31.11 0.02 0.00	29.40 -0.04 0.00	37.42 -0.03 0.00	40.49 -0.39 0.00	41.11 -0.65 0.00	43.56 -1.10 0.00	72.06 -1.92 0.00	179.76 -3.47 0.00	194.88 -3.46 0.00	270.27 -5.71 0.00	281.23 -6.63 0.00	801.56 -18.15 0.00	175.01 -4.11 0.00	94.83 -2.38 0.00	202.34 -5.06 0.00	85.89 -2.36 0.00	42.96 -1.31 0.00	38.09 -1.00 0.00
CLINTON___LFGE 323618	35.95 0.42 0.00	33.67 0.36 0.00	27.61 0.22 0.00	26.81 0.20 0.00	28.74 0.29 0.00	32.36 0.30 0.00	31.53 0.43 0.00	29.77 0.34 0.00	37.90 0.45 0.00	40.94 0.07 0.00	41.60 -0.16 0.00	44.13 -0.53 0.00	38.29 -1.07 34.62	181.92 -1.31 0.00	197.34 -1.00 0.00	273.68 -2.30 0.00	284.92 -2.94 0.00	813.21 -6.50 0.00	177.73 -1.38 0.00	96.26 -0.95 0.00	205.32 -2.08 0.00	87.02 -1.23 0.00	43.51 -0.76 0.00	38.48 -0.60 0.00
COBBLENY_34_KV_TB1 80064	36.03 0.51 0.00	33.64 0.32 0.00	27.20 -0.20 0.00	26.56 -0.05 0.00	28.42 -0.03 0.00	32.33 0.27 0.00	31.39 0.29 0.00	29.45 0.02 0.00	38.00 0.55 0.00	42.27 1.39 0.00	43.87 2.11 0.00	48.02 3.36 0.00	80.27 6.29 0.00	195.96 12.73 0.00	210.58 12.24 0.00	291.68 15.70 0.00	298.82 10.57 -0.39	850.64 30.92 0.00	185.57 6.45 0.00	101.00 3.79 0.00	215.21 7.81 0.00	93.33 5.08 0.00	46.59 2.32 0.00	40.94 1.85 0.00
COFFEEN___115KV_TB3 355620	36.92 1.39 0.00	34.04 0.72 0.00	27.74 0.35 0.00	27.20 0.58 0.00	29.26 0.81 0.00	33.23 1.18 0.00	32.40 1.31 0.00	30.66 1.23 0.00	38.92 1.47 0.00	42.42 1.55 0.00	43.00 1.24 0.00	45.43 0.77 0.00	-245.05 0.64 319.68	184.04 0.81 0.00	203.09 4.75 0.00	281.22 5.24 0.00	294.80 6.94 0.00	833.38 13.67 0.00	183.16 4.04 0.00	101.24 4.02 0.00	218.44 11.04 0.00	92.97 4.72 0.00	46.23 1.96 0.00	40.28 1.20 0.00
COLDSPRG_115KV_BK1 355956	36.68 1.16 0.00	34.22 0.91 0.00	27.70 0.31 0.00	27.05 0.43 0.00	28.96 0.51 0.00	33.09 1.02 0.00	32.26 1.17 0.00	30.43 0.99 0.00	39.22 1.77 0.00	43.70 2.83 0.00	45.20 3.44 0.00	49.39 4.73 0.00	82.63 8.66 0.00	201.21 17.98 0.00	214.72 16.37 0.00	297.63 21.64 0.00	303.78 15.65 -0.27	864.39 44.68 0.00	188.69 9.58 0.00	102.79 5.58 0.00	219.18 11.78 0.00	95.38 7.13 0.00	47.59 3.31 0.00	41.69 2.61 0.00
COLONIE_LFGE___ 323577	36.59 1.09 0.03	34.42 1.10 0.00	28.41 1.02 0.00	27.56 0.95 0.00	29.48 1.03 0.00	33.07 1.00 0.00	31.83 0.82 0.09	31.64 0.84 -1.36	38.63 1.00 -0.18	41.94 1.07 0.00	42.69 1.14 0.21	45.83 1.37 0.19	74.04 1.72 1.65	177.09 3.29 9.43	200.88 4.93 2.40	283.27 7.29 0.00	298.67 10.82 0.00	852.59 32.88 0.00	187.57 8.45 0.00	101.40 4.19 0.00	216.78 9.38 0.00	91.56 3.39 0.08	46.41 2.14 0.00	40.66 1.58 0.00
COOPERNY_115KV_TB1 80082	36.39 0.85 -0.01	34.09 0.78 0.00	28.08 0.69 0.00	27.25 0.64 0.00	29.09 0.64 0.00	32.77 0.71 0.00	31.84 0.71 -0.03	28.25 0.71 1.90	38.01 0.82 0.25	41.91 1.04 0.00	43.07 1.24 -0.06	46.32 1.60 -0.06	77.07 2.58 -0.52	191.66 5.49 -2.94	206.39 7.30 -0.75	287.03 11.05 0.00	300.65 12.79 0.00	854.82 35.11 0.00	187.07 7.95 0.00	101.16 3.94 0.00	215.24 7.84 0.00	91.46 3.19 -0.02	46.04 1.77 0.00	40.14 1.05 0.00
COPENHAGEN_WT_PWR 323753	36.50 0.98 0.00	33.60 0.29 0.00	27.38 -0.01 0.00	26.90 0.29 0.00	28.97 0.52 0.00	32.88 0.82 0.00	32.01 0.91 0.00	30.26 0.83 0.00	38.48 1.03 0.00	41.98 1.11 0.00	42.57 0.81 0.00	45.06 0.40 0.00	-228.35 0.08 302.41	182.47 -0.76 0.00	200.99 2.65 0.00	278.58 2.60 0.00	291.77 3.91 0.00	824.99 5.27 0.00	181.04 1.92 0.00	99.52 2.30 0.00	214.10 6.70 0.00	91.21 2.97 0.00	45.43 1.16 0.00	39.62 0.54 0.00
CORNELL____ 23752	36.61 1.08 0.00	34.23 0.91 0.00	28.03 0.64 0.00	27.27 0.66 0.00	29.16 0.71 0.00	33.00 0.94 0.00	32.07 0.98 0.00	30.40 0.97 0.00	38.71 1.26 0.00	42.39 1.52 0.00	43.44 1.68 0.00	46.75 2.09 0.00	77.66 3.68 0.00	191.28 8.06 0.00	207.57 9.23 0.00	289.34 13.36 0.00	301.33 13.47 0.00	859.44 39.72 0.00	188.80 9.68 0.00	102.85 5.64 0.00	219.47 12.07 0.00	93.34 5.09 0.00	46.58 2.31 0.00	40.79 1.71 0.00
CORONAAV_69_KV_TB1 355595	38.24 2.55 -0.17	35.61 2.30 0.00	29.20 1.81 0.00	28.25 1.64 0.00	30.20 1.75 0.00	34.17 2.11 0.00	33.26 2.11 -0.06	36.98 1.85 -5.70	40.30 2.10 -0.76	43.54 2.54 -0.13	45.05 3.15 -0.13	48.45 3.67 -0.13	80.96 5.90 -1.08	216.67 13.73 -19.71	253.73 16.85 -38.54	366.85 25.48 -65.39	416.18 29.64 -98.68	1076.00 82.67 -173.62	416.11 18.23 -218.76	315.98 9.15 -209.63	239.23 18.08 -13.74	243.38 7.54 -147.60	63.53 4.01 -15.25	42.01 2.75 -0.18
CORTLAND_115KV_TB3 80093	36.26 0.74 0.00	33.91 0.60 0.00	27.81 0.42 0.00	27.05 0.43 0.00	28.91 0.46 0.00	32.69 0.63 0.00	31.78 0.68 0.00	30.09 0.66 0.00	38.33 0.88 0.00	41.99 1.12 0.00	43.04 1.28 0.00	46.29 1.64 0.00	47.16 2.80 29.62	189.11 5.88 0.00	205.37 7.03 0.00	286.14 10.16 0.00	297.98 10.12 0.00	848.19 28.47 0.00	186.04 6.92 0.00	101.21 4.00 0.00	215.92 8.52 0.00	91.84 3.59 0.00	45.97 1.69 0.00	40.31 1.23 0.00
COXSACKIE___GT 23611	37.76 2.24 0.01	35.44 2.12 0.00	29.25 1.86 0.00	28.38 1.77 0.00	30.34 1.89 0.00	34.11 2.05 0.00	32.99 1.93 0.03	32.37 1.94 -1.00	39.66 2.08 -0.13	42.54 1.66 0.00	43.12 1.43 0.07	45.99 1.40 0.07	75.40 1.99 0.56	185.50 5.48 3.21	204.77 7.24 0.82	286.07 10.09 0.00	303.82 15.97 0.00	871.22 51.50 0.00	193.32 14.20 0.00	105.35 8.14 0.00	224.94 17.54 0.00	95.19 6.96 0.03	48.05 3.78 0.00	42.07 2.98 0.00

CPV_VALLEY___CC1 323721	36.44 0.91 -0.01	34.14 0.82 0.00	28.12 0.73 0.00	27.28 0.66 0.00	29.11 0.66 0.00	32.79 0.73 0.00	31.85 0.72 -0.04	27.16 0.75 3.02	37.90 0.85 0.40	41.95 1.08 0.00	43.17 1.31 -0.09	46.47 1.73 -0.09	77.52 2.78 -0.76	193.57 6.02 -4.31	207.47 8.03 -1.10	288.37 12.39 0.00	302.37 14.52 0.00	859.17 39.45 0.00	188.02 8.90 0.00	101.56 4.35 0.00	215.93 8.52 0.00	91.69 3.41 -0.04	46.20 1.93 0.00	40.16 1.08 0.00
CPV_VALLEY___CC2 323722	36.44 0.91 -0.01	34.14 0.82 0.00	28.12 0.73 0.00	27.28 0.66 0.00	29.11 0.66 0.00	32.79 0.73 0.00	31.85 0.72 -0.04	27.16 0.75 3.02	37.90 0.85 0.40	41.95 1.08 0.00	43.17 1.31 -0.09	46.47 1.73 -0.09	77.52 2.78 -0.76	193.57 6.02 -4.31	207.47 8.03 -1.10	288.37 12.39 0.00	302.37 14.52 0.00	859.17 39.45 0.00	188.02 8.90 0.00	101.56 4.35 0.00	215.93 8.52 0.00	91.69 3.41 -0.04	46.20 1.93 0.00	40.16 1.08 0.00
CRESCENT___HYD 24018	36.59 1.09 0.03	34.42 1.10 0.00	28.41 1.02 0.00	27.56 0.95 0.00	29.48 1.03 0.00	33.07 1.00 0.00	31.83 0.82 0.09	31.64 0.84 -1.36	38.63 1.00 -0.18	41.94 1.07 0.00	42.69 1.14 0.21	45.83 1.37 0.19	74.04 1.72 1.65	177.09 3.29 9.43	200.88 4.93 2.40	283.27 7.29 0.00	298.67 10.82 0.00	852.59 32.88 0.00	187.57 8.45 0.00	101.40 4.19 0.00	216.78 9.38 0.00	91.56 3.39 0.08	46.41 2.14 0.00	40.66 1.58 0.00
CRICKET___VALLEY_CC1 323756	36.07 0.85 0.31	34.17 0.86 0.00	28.17 0.78 0.00	27.33 0.72 0.00	29.19 0.74 0.00	32.79 0.72 0.00	30.89 0.65 0.86	32.71 0.71 -2.57	38.62 0.82 -0.35	41.89 1.02 0.00	40.92 1.21 2.04	44.33 1.60 1.93	59.90 2.39 16.47	94.21 4.89 93.91	181.55 7.08 23.88	287.28 11.30 0.00	303.28 15.42 0.00	862.81 43.09 0.00	189.05 9.93 0.00	101.98 4.76 0.00	216.78 9.38 0.00	90.84 3.36 0.76	46.24 1.97 0.00	40.25 1.17 0.00
CRICKET___VALLEY_CC2 323757	36.07 0.85 0.31	34.17 0.86 0.00	28.17 0.78 0.00	27.33 0.72 0.00	29.19 0.74 0.00	32.79 0.72 0.00	30.89 0.65 0.86	32.71 0.71 -2.57	38.62 0.82 -0.35	41.89 1.02 0.00	40.92 1.21 2.04	44.33 1.60 1.93	59.90 2.39 16.47	94.21 4.89 93.91	181.55 7.08 23.88	287.28 11.30 0.00	303.28 15.42 0.00	862.81 43.09 0.00	189.05 9.93 0.00	101.98 4.76 0.00	216.78 9.38 0.00	90.84 3.36 0.76	46.24 1.97 0.00	40.25 1.17 0.00
CRICKET___VALLEY_CC3 323758	36.07 0.85 0.31	34.17 0.86 0.00	28.17 0.78 0.00	27.33 0.72 0.00	29.19 0.74 0.00	32.79 0.72 0.00	30.89 0.65 0.86	32.71 0.71 -2.57	38.62 0.82 -0.35	41.89 1.02 0.00	40.92 1.21 2.04	44.33 1.60 1.93	59.90 2.39 16.47	94.21 4.89 93.91	181.55 7.08 23.88	287.28 11.30 0.00	303.28 15.42 0.00	862.81 43.09 0.00	189.05 9.93 0.00	101.98 4.76 0.00	216.78 9.38 0.00	90.84 3.36 0.76	46.24 1.97 0.00	40.25 1.17 0.00
CRUCIBLE_METL_DRP 24180	35.91 0.39 0.00	33.64 0.32 0.00	27.58 0.19 0.00	26.80 0.19 0.00	28.65 0.20 0.00	32.36 0.30 0.00	31.41 0.32 0.00	29.73 0.30 0.00	37.86 0.41 0.00	41.48 0.60 0.00	42.48 0.72 0.00	45.59 0.93 0.00	44.38 1.59 31.19	186.33 3.10 0.00	201.65 3.31 0.00	280.82 4.84 0.00	292.69 4.83 0.00	831.97 12.25 0.00	182.20 3.08 0.00	99.06 1.85 0.00	211.55 4.15 0.00	90.11 1.87 0.00	45.14 0.87 0.00	39.72 0.64 0.00
DAHOWA___HYDRO 323763	37.45 1.95 0.03	35.14 1.83 0.00	28.97 1.58 0.00	28.11 1.50 0.00	30.10 1.64 0.00	33.80 1.73 0.00	32.62 1.59 0.07	32.32 1.58 -1.31	39.58 1.96 -0.17	42.99 2.12 0.00	43.82 2.23 0.17	47.04 2.55 0.16	76.50 3.91 1.39	184.54 9.22 7.91	207.52 11.19 2.01	292.56 16.58 0.00	306.98 19.12 0.00	877.51 57.79 0.00	193.65 14.53 0.00	104.43 7.22 0.00	223.13 15.73 0.00	94.25 6.07 0.06	47.63 3.36 0.00	41.72 2.63 0.00
DANC___LFGE 323619	36.12 0.59 0.00	33.46 0.15 0.00	27.34 -0.05 0.00	26.74 0.13 0.00	28.72 0.27 0.00	32.55 0.48 0.00	31.66 0.56 0.00	29.94 0.50 0.00	38.09 0.64 0.00	41.62 0.75 0.00	42.40 0.64 0.00	45.15 0.49 0.00	-133.23 0.45 207.65	183.45 0.22 0.00	200.63 2.29 0.00	278.38 2.40 0.00	290.73 2.87 0.00	823.65 3.93 0.00	180.59 1.47 0.00	98.92 1.71 0.00	212.22 4.82 0.00	90.45 2.21 0.00	45.16 0.89 0.00	39.49 0.40 0.00
DANSKAMMER___1 23586	37.30 1.76 -0.02	34.93 1.61 0.00	28.76 1.37 0.00	27.88 1.26 0.00	29.77 1.32 0.00	33.52 1.46 0.00	32.61 1.47 -0.04	32.78 1.66 -1.69	39.74 2.07 -0.22	43.34 2.47 0.00	44.65 2.79 -0.10	48.05 3.30 -0.09	79.75 4.97 -0.80	197.97 10.15 -4.59	212.41 12.90 -1.17	295.68 19.70 0.00	311.12 23.26 0.00	884.23 64.51 0.00	193.49 14.36 0.00	104.42 7.21 0.00	221.54 14.13 0.00	93.89 5.60 -0.04	47.31 3.04 0.00	41.01 1.93 0.00
DANSKAMMER___2 23589	37.30 1.76 -0.02	34.93 1.61 0.00	28.76 1.37 0.00	27.88 1.26 0.00	29.77 1.32 0.00	33.52 1.46 0.00	32.61 1.47 -0.04	32.78 1.66 -1.69	39.74 2.07 -0.22	43.34 2.47 0.00	44.65 2.79 -0.10	48.05 3.30 -0.09	79.75 4.97 -0.80	197.97 10.15 -4.59	212.41 12.90 -1.17	295.68 19.70 0.00	311.12 23.26 0.00	884.23 64.51 0.00	193.49 14.36 0.00	104.42 7.21 0.00	221.54 14.13 0.00	93.89 5.60 -0.04	47.31 3.04 0.00	41.01 1.93 0.00
DANSKAMMER___3 23590	37.30 1.76 -0.02	34.93 1.61 0.00	28.76 1.37 0.00	27.88 1.26 0.00	29.77 1.32 0.00	33.52 1.46 0.00	32.61 1.47 -0.04	32.78 1.66 -1.69	39.74 2.07 -0.22	43.34 2.47 0.00	44.65 2.79 -0.10	48.05 3.30 -0.09	79.75 4.97 -0.80	197.97 10.15 -4.59	212.41 12.90 -1.17	295.68 19.70 0.00	311.12 23.26 0.00	884.23 64.51 0.00	193.49 14.36 0.00	104.42 7.21 0.00	221.54 14.13 0.00	93.89 5.60 -0.04	47.31 3.04 0.00	41.01 1.93 0.00
DANSKAMMER___4 23591	37.30 1.76 -0.02	34.93 1.61 0.00	28.76 1.37 0.00	27.88 1.26 0.00	29.77 1.32 0.00	33.52 1.46 0.00	32.61 1.47 -0.04	32.78 1.66 -1.69	39.74 2.07 -0.22	43.34 2.47 0.00	44.65 2.79 -0.10	48.05 3.30 -0.09	79.75 4.97 -0.80	197.97 10.15 -4.59	212.41 12.90 -1.17	295.68 19.70 0.00	311.12 23.26 0.00	884.23 64.51 0.00	193.49 14.36 0.00	104.42 7.21 0.00	221.54 14.13 0.00	93.89 5.60 -0.04	47.31 3.04 0.00	41.01 1.93 0.00
DANSKAMMER___DIESEL 23592	37.30 1.76 -0.02	34.93 1.61 0.00	28.76 1.37 0.00	27.88 1.26 0.00	29.77 1.32 0.00	33.52 1.46 0.00	32.60 1.47 -0.04	32.78 1.66 -1.69	39.75 2.07 -0.22	43.34 2.47 0.00	44.65 2.79 -0.10	48.05 3.30 -0.09	79.74 4.96 -0.80	197.96 10.14 -4.59	212.41 12.90 -1.17	295.65 19.67 0.00	311.18 23.32 0.00	884.22 64.50 0.00	193.49 14.37 0.00	104.42 7.21 0.00	221.62 14.22 0.00	93.89 5.60 -0.04	47.31 3.04 0.00	41.01 1.93 0.00
DARBY___SOLAR 323810	37.29 1.79 0.03	35.00 1.68 0.00	28.86 1.47 0.00	28.00 1.39 0.00	29.97 1.52 0.00	33.64 1.58 0.00	32.47 1.45 0.08	32.18 1.43 -1.31	39.39 1.77 -0.17	42.79 1.92 0.00	43.58 2.00 0.18	46.76 2.27 0.17	75.96 3.41 1.43	182.96 7.90 8.17	206.04 9.78 2.08	290.59 14.61 0.00	305.18 17.32 0.00	871.91 52.20 0.00	192.33 13.21 0.00	103.79 6.58 0.00	221.75 14.35 0.00	93.68 5.50 0.07	47.38 3.11 0.00	41.50 2.42 0.00

DASHVILLE___HYD 23610	36.60 1.06 -0.01	34.28 0.96 0.00	28.26 0.87 0.00	27.40 0.79 0.00	29.23 0.78 0.00	32.90 0.83 0.00	31.98 0.87 -0.02	30.45 1.01 0.00	38.68 1.23 0.00	42.42 1.54 0.00	43.70 1.89 -0.05	47.14 2.44 -0.04	78.38 4.03 -0.37	194.35 9.02 -2.10	210.38 11.51 -0.53	293.16 17.18 0.00	308.09 20.23 0.00	874.88 55.17 0.00	191.43 12.31 0.00	103.40 6.19 0.00	219.51 12.10 0.00	93.09 4.83 -0.02	46.89 2.62 0.00	40.65 1.56 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	40.26 4.56 -0.17	37.47 4.16 0.00	30.58 3.19 0.00	29.46 2.85 0.00	31.57 3.12 0.00	35.83 3.77 0.00	34.95 3.80 -0.06	38.50 3.37 -5.70	42.33 4.12 -0.76	45.59 4.59 -0.13	47.69 5.68 -0.26	62.59 6.33 -11.60	117.19 10.31 -32.90	283.63 21.91 -78.49	299.28 25.73 -75.21	379.66 38.29 -65.39	429.62 43.08 -98.68	1111.52 118.19 -173.62	423.06 25.18 -218.76	320.36 13.52 -209.63	255.48 29.42 -18.66	248.94 13.09 -147.60	52.83 6.60 -1.96	44.77 4.99 -0.70
DELAWARE___LFGE 323621	36.51 0.98 0.00	34.24 0.93 0.00	28.21 0.82 0.00	27.41 0.79 0.00	29.28 0.83 0.00	32.99 0.93 0.00	32.02 0.92 0.00	30.32 0.88 0.00	38.55 1.10 0.00	42.23 1.35 0.00	43.28 1.52 0.00	46.45 1.79 0.00	76.83 2.85 0.00	189.33 6.10 0.00	205.73 7.39 0.00	286.72 10.74 0.00	299.31 11.45 0.00	852.46 32.74 0.00	186.71 7.59 0.00	101.25 4.04 0.00	216.04 8.64 0.00	92.00 3.75 0.00	46.25 1.98 0.00	40.50 1.42 0.00
DERFIELD_115KV_TB7 355931	35.63 0.10 0.00	33.41 0.09 0.00	27.50 0.10 0.00	26.72 0.11 0.00	28.56 0.11 0.00	32.17 0.11 0.00	31.20 0.10 0.00	29.54 0.10 0.00	37.56 0.12 0.00	41.04 0.16 0.00	41.97 0.21 0.00	44.92 0.27 0.00	37.86 0.34 36.46	183.78 0.55 0.00	199.14 0.80 0.00	277.36 1.38 0.00	289.83 1.97 0.00	825.26 5.55 0.00	180.55 1.43 0.00	97.98 0.76 0.00	209.08 1.68 0.00	88.92 0.67 0.00	44.65 0.37 0.00	39.32 0.23 0.00
DOGLEVILLE___HYD 23807	35.24 -0.28 0.00	33.16 -0.15 0.00	27.45 0.06 0.00	26.63 0.01 0.00	28.45 0.00 0.00	31.96 -0.10 0.00	30.93 -0.16 0.00	29.39 -0.05 0.00	37.17 -0.28 0.00	40.42 -0.46 0.00	41.38 -0.38 0.00	44.50 -0.16 0.00	36.96 -0.56 36.46	181.02 -2.21 0.00	196.80 -1.55 0.00	274.64 -1.34 0.00	290.06 2.21 0.00	830.96 11.25 0.00	183.98 4.86 0.00	99.97 2.76 0.00	213.11 5.71 0.00	89.97 1.72 0.00	45.26 0.99 0.00	39.61 0.52 0.00
DUNKIRK___115KV_TB_200 55889	36.16 0.64 0.00	33.77 0.45 0.00	27.32 -0.07 0.00	26.67 0.06 0.00	28.55 0.10 0.00	32.55 0.49 0.00	31.70 0.61 0.00	29.83 0.40 0.00	38.48 1.04 0.00	42.82 1.94 0.00	44.44 2.68 0.00	48.61 3.96 0.00	81.42 7.45 0.00	198.15 14.92 0.00	212.41 14.07 0.00	294.53 18.55 0.00	301.54 13.39 -0.29	858.27 38.55 0.00	187.48 8.36 0.00	102.05 4.84 0.00	217.63 10.23 0.00	94.42 6.17 0.00	47.10 2.83 0.00	41.38 2.29 0.00
DUNKIRK___1 23563	36.16 0.64 0.00	33.77 0.45 0.00	27.32 -0.07 0.00	26.67 0.06 0.00	28.55 0.10 0.00	32.55 0.49 0.00	31.70 0.61 0.00	29.83 0.40 0.00	38.48 1.04 0.00	42.82 1.94 0.00	44.44 2.68 0.00	48.61 3.96 0.00	81.42 7.45 0.00	198.15 14.92 0.00	212.41 14.07 0.00	294.53 18.55 0.00	301.54 13.39 -0.29	858.27 38.55 0.00	187.48 8.36 0.00	102.05 4.84 0.00	217.63 10.23 0.00	94.42 6.17 0.00	47.10 2.83 0.00	41.38 2.29 0.00
DUNKIRK___2 23564	36.16 0.64 0.00	33.77 0.45 0.00	27.32 -0.07 0.00	26.67 0.06 0.00	28.55 0.10 0.00	32.55 0.49 0.00	31.70 0.61 0.00	29.83 0.40 0.00	38.48 1.04 0.00	42.82 1.94 0.00	44.44 2.68 0.00	48.61 3.96 0.00	81.42 7.45 0.00	198.15 14.92 0.00	212.41 14.07 0.00	294.53 18.55 0.00	301.54 13.39 -0.29	858.27 38.55 0.00	187.48 8.36 0.00	102.05 4.84 0.00	217.63 10.23 0.00	94.42 6.17 0.00	47.10 2.83 0.00	41.38 2.29 0.00
DUNKIRK___3 23565	36.03 0.50 0.00	33.64 0.33 0.00	27.21 -0.18 0.00	26.57 -0.04 0.00	28.44 -0.01 0.00	32.41 0.35 0.00	31.53 0.44 0.00	29.65 0.22 0.00	38.22 0.77 0.00	42.50 1.63 0.00	44.10 2.33 0.00	48.22 3.56 0.00	80.68 6.70 0.00	196.46 13.23 0.00	210.84 12.49 0.00	292.23 16.25 0.00	299.21 11.10 -0.26	852.05 32.33 0.00	186.06 6.94 0.00	101.33 4.11 0.00	215.94 8.54 0.00	93.62 5.37 0.00	46.75 2.48 0.00	41.10 2.01 0.00
DUNKIRK___4 23566	36.03 0.50 0.00	33.64 0.33 0.00	27.21 -0.18 0.00	26.57 -0.04 0.00	28.44 -0.01 0.00	32.41 0.35 0.00	31.53 0.44 0.00	29.65 0.22 0.00	38.22 0.77 0.00	42.50 1.63 0.00	44.10 2.33 0.00	48.22 3.56 0.00	80.68 6.70 0.00	196.46 13.23 0.00	210.84 12.49 0.00	292.23 16.25 0.00	299.21 11.10 -0.26	852.05 32.33 0.00	186.06 6.94 0.00	101.33 4.11 0.00	215.94 8.54 0.00	93.62 5.37 0.00	46.75 2.48 0.00	41.10 2.01 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.24 1.69 -0.02	34.88 1.56 0.00	28.70 1.31 0.00	27.81 1.20 0.00	29.68 1.23 0.00	33.44 1.38 0.00	32.55 1.40 -0.06	36.60 1.43 -5.74	39.92 1.71 -0.76	42.93 2.05 0.00	44.28 2.39 -0.13	47.73 2.94 -0.13	79.86 4.80 -1.08	200.22 10.82 -6.17	213.74 13.83 -1.57	296.67 20.69 0.00	311.78 23.89 0.00	885.26 65.55 0.00	193.45 14.33 0.00	104.31 7.10 0.00	221.35 13.95 0.00	93.94 5.64 -0.05	47.35 3.09 0.00	41.01 1.93 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.97 1.42 -0.02	34.60 1.29 0.00	28.49 1.10 0.00	27.63 1.01 0.00	29.49 1.04 0.00	33.22 1.16 0.00	32.28 1.14 -0.04	28.14 1.06 2.35	38.38 1.25 0.31	42.40 1.53 0.00	43.66 1.80 -0.10	47.03 2.27 -0.09	78.43 3.65 -0.80	196.02 8.21 -4.58	210.09 10.58 -1.17	292.09 16.11 0.00	306.59 18.73 0.00	871.32 51.61 0.00	190.71 11.59 0.00	103.00 5.79 0.00	218.85 11.45 0.00	92.86 4.57 -0.04	46.77 2.49 0.00	40.60 1.52 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	37.33 1.79 -0.02	34.95 1.64 0.00	28.78 1.39 0.00	27.87 1.25 0.00	29.75 1.30 0.00	33.52 1.46 0.00	32.68 1.53 -0.06	36.72 1.54 -5.74	40.08 1.87 -0.76	43.04 2.17 0.00	44.36 2.46 -0.13	47.84 3.06 -0.13	80.00 4.94 -1.08	200.54 11.14 -6.17	214.29 14.38 -1.57	297.08 21.10 0.00	311.78 23.92 0.00	885.81 66.09 0.00	193.34 14.22 0.00	104.30 7.09 0.00	221.64 14.24 0.01	94.00 5.71 -0.04	47.36 3.10 0.01	40.96 1.88 0.00
E179THST_13_KV_LOAD 356214	37.57 2.02 -0.02	35.16 1.84 0.00	28.93 1.54 0.00	28.02 1.40 0.00	29.91 1.46 0.00	33.70 1.64 0.00	32.86 1.71 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.31 2.44 0.00	44.65 2.76 -0.13	48.16 3.38 -0.13	80.57 5.51 -1.08	201.89 12.50 -6.17	215.88 15.97 -1.57	299.29 23.31 0.00	314.08 26.22 0.00	892.18 72.47 0.00	194.76 15.64 0.00	105.08 7.87 0.00	223.26 15.87 0.01	94.70 6.41 -0.04	47.71 3.44 0.01	41.24 2.16 0.00
EAST HAMPTON___GT 23717	40.94 5.24 -0.17	38.10 4.78 0.00	31.08 3.69 0.00	29.93 3.32 0.00	32.08 3.63 0.00	36.42 4.35 0.00	35.51 4.36 -0.06	39.07 3.94 -5.70	43.13 4.93 -0.76	46.46 5.46 -0.13	48.66 6.64 -0.26	63.57 7.30 -11.61	118.93 12.04 -32.91	286.38 24.64 -78.51	302.14 28.56 -75.24	383.80 42.43 -65.39	433.87 47.33 -98.68	1123.80 130.47 -173.62	425.57 27.69 -218.76	321.59 14.75 -209.63	259.58 33.50 -18.67	251.01 15.16 -147.60	53.79 7.56 -1.96	45.54 5.77 -0.70

EAST RIVER___6 23660	37.42 1.87 -0.02	35.02 1.71 0.00	28.82 1.43 0.00	27.92 1.30 0.00	29.79 1.34 0.00	33.60 1.54 0.00	32.73 1.58 -0.06	36.82 1.64 -5.74	40.22 2.01 -0.76	43.30 2.43 0.00	44.70 2.81 -0.13	48.22 3.43 -0.13	80.75 5.69 -1.08	202.33 12.93 -6.17	216.19 16.28 -1.57	300.15 24.17 0.00	315.31 27.45 0.00	894.90 75.18 0.00	195.24 16.12 0.00	105.18 7.96 0.00	223.09 15.69 0.00	94.73 6.43 -0.05	47.71 3.44 0.00	41.20 2.12 0.00
EAST RIVER___7 23524	37.42 1.87 -0.02	35.02 1.71 0.00	28.82 1.43 0.00	27.92 1.30 0.00	29.79 1.34 0.00	33.60 1.54 0.00	32.73 1.58 -0.06	36.82 1.64 -5.74	40.22 2.01 -0.76	43.30 2.43 0.00	44.70 2.81 -0.13	48.22 3.43 -0.13	80.75 5.69 -1.08	202.33 12.93 -6.17	216.19 16.28 -1.57	300.15 24.17 0.00	315.31 27.45 0.00	894.90 75.18 0.00	195.24 16.12 0.00	105.18 7.96 0.00	223.09 15.69 0.00	94.73 6.43 -0.05	47.71 3.44 0.00	41.20 2.12 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.14 1.60 -0.02	34.78 1.47 0.00	28.63 1.24 0.00	27.75 1.14 0.00	29.62 1.17 0.00	33.36 1.30 0.00	32.47 1.31 -0.06	36.87 1.34 -6.10	39.86 1.60 -0.81	42.80 1.93 0.00	44.16 2.26 -0.13	47.59 2.81 -0.13	79.62 4.57 -1.08	199.65 10.27 -6.15	213.09 13.18 -1.56	295.77 19.79 0.00	310.71 22.85 0.00	882.58 62.87 0.00	192.89 13.77 0.00	104.02 6.80 0.00	220.79 13.39 0.00	93.69 5.39 -0.05	47.22 2.95 0.00	40.92 1.83 0.00
EAST_HAMPTON___DIESEL 23722	40.95 5.26 -0.17	38.10 4.79 0.00	31.08 3.69 0.00	29.94 3.33 0.00	32.09 3.64 0.00	36.43 4.36 0.00	35.52 4.36 -0.06	39.07 3.94 -5.70	43.14 4.93 -0.76	46.48 5.48 -0.13	48.67 6.65 -0.26	63.58 7.32 -11.61	118.95 12.07 -32.91	286.49 24.75 -78.51	302.30 28.72 -75.24	383.95 42.58 -65.39	434.10 47.56 -98.68	1124.48 131.15 -173.62	425.69 27.81 -218.76	321.65 14.81 -209.63	259.61 33.54 -18.67	251.05 15.20 -147.60	53.80 7.57 -1.96	45.55 5.78 -0.70
EAST_PULASKI___ESR 323781	35.79 0.26 0.00	33.37 0.05 0.00	27.33 -0.06 0.00	26.63 0.02 0.00	28.52 0.07 0.00	32.25 0.19 0.00	31.34 0.24 0.00	29.65 0.21 0.00	37.75 0.30 0.00	41.32 0.44 0.00	42.27 0.51 0.00	45.26 0.60 0.00	-37.37 0.85 112.20	184.56 1.33 0.00	200.49 2.15 0.00	278.57 2.59 0.00	290.21 2.35 0.00	823.47 3.76 0.00	180.39 1.27 0.00	98.48 1.26 0.00	210.79 3.39 0.00	89.80 1.55 0.00	44.89 0.62 0.00	39.36 0.28 0.00
EAST_RIVER___1 323558	37.35 1.80 -0.02	34.96 1.65 0.00	28.78 1.39 0.00	27.88 1.27 0.00	29.76 1.31 0.00	33.54 1.48 0.00	32.67 1.52 -0.06	36.75 1.57 -5.74	40.10 1.89 -0.76	43.15 2.28 0.00	44.54 2.64 -0.13	48.02 3.24 -0.13	80.38 5.32 -1.08	201.48 12.08 -6.17	215.23 15.32 -1.57	298.82 22.84 0.00	313.96 26.10 0.00	891.22 71.50 0.00	194.45 15.33 0.00	104.79 7.58 0.00	222.20 14.80 0.00	94.35 6.05 -0.05	47.55 3.28 0.00	41.09 2.01 0.00
EAST_RIVER___2 323559	37.42 1.87 -0.02	35.02 1.71 0.00	28.82 1.43 0.00	27.92 1.30 0.00	29.79 1.34 0.00	33.60 1.54 0.00	32.73 1.58 -0.06	36.82 1.64 -5.74	40.22 2.01 -0.76	43.30 2.43 0.00	44.70 2.81 -0.13	48.22 3.43 -0.13	80.75 5.69 -1.08	202.33 12.93 -6.17	216.19 16.28 -1.57	300.15 24.17 0.00	315.31 27.45 0.00	894.90 75.18 0.00	195.24 16.12 0.00	105.18 7.96 0.00	223.09 15.69 0.00	94.73 6.43 -0.05	47.71 3.44 0.00	41.20 2.12 0.00
EAST___DELAWARE_HYD 23607	36.55 1.02 -0.01	34.20 0.88 0.00	28.14 0.75 0.00	27.29 0.67 0.00	29.12 0.67 0.00	32.82 0.76 0.00	31.93 0.81 -0.03	29.32 0.85 0.96	38.32 1.00 0.13	42.17 1.29 0.00	43.36 1.53 -0.06	46.51 1.79 -0.06	76.09 1.60 -0.52	188.89 2.70 -2.96	204.05 4.95 -0.75	284.35 8.37 0.00	299.18 11.32 0.00	851.09 31.38 0.00	186.21 7.09 0.00	100.70 3.49 0.00	213.75 6.35 0.00	90.69 2.41 -0.02	45.49 1.22 0.00	39.55 0.47 0.00
EIGHT_POINT___WT_PWR 323820	35.57 0.05 0.00	33.23 -0.08 0.00	27.07 -0.32 0.00	26.36 -0.25 0.00	28.18 -0.27 0.00	32.08 0.02 0.00	31.23 0.13 0.00	29.48 0.04 0.00	37.95 0.50 0.00	42.23 1.35 0.00	43.81 2.04 0.00	47.67 3.01 0.00	79.76 5.78 0.00	194.59 11.36 0.00	210.05 11.71 0.00	291.26 15.28 0.00	300.02 12.05 -0.11	855.97 36.26 0.00	187.42 8.30 0.00	102.34 5.13 0.00	217.86 10.46 0.00	94.17 5.92 0.00	46.98 2.70 0.00	41.21 2.12 0.00
ELBRIDGE_115KV_TB2 80188	35.78 0.25 0.00	33.51 0.20 0.00	27.46 0.06 0.00	26.71 0.09 0.00	28.56 0.11 0.00	32.27 0.21 0.00	31.30 0.21 0.00	29.67 0.23 0.00	37.75 0.30 0.00	41.42 0.55 0.00	42.50 0.74 0.00	45.71 1.06 26.97	48.83 1.82 0.00	186.86 3.63 0.00	202.11 3.77 0.00	281.31 5.33 0.00	292.78 4.92 0.00	832.41 12.69 0.00	182.20 3.08 0.00	99.14 1.93 0.00	211.85 4.45 0.00	90.17 1.92 0.00	45.07 0.80 0.00	39.59 0.50 0.00
ELEC_TRO_TEK 24086	37.98 2.28 -0.17	35.40 2.09 0.00	29.03 1.64 0.00	28.08 1.47 0.00	30.03 1.57 0.00	33.97 1.91 0.00	33.06 1.91 -0.06	36.79 1.66 -5.70	40.09 1.89 -0.76	43.27 2.27 -0.13	44.71 2.82 -0.13	48.04 3.25 -0.13	80.24 5.18 -1.08	214.74 11.80 -19.71	252.12 15.24 -38.54	364.51 23.14 -65.39	413.43 26.89 -98.68	1067.73 74.40 -173.62	414.27 16.40 -218.76	315.03 8.20 -209.63	237.26 16.12 -13.74	242.59 6.75 -147.60	55.49 3.60 -7.62	41.70 2.43 -0.18
ELLENBURG_WT_PWR 323604	35.44 -0.08 0.00	33.23 -0.09 0.00	27.25 -0.14 0.00	26.48 -0.14 0.00	28.37 -0.08 0.00	31.97 -0.09 0.00	31.11 0.02 0.00	29.40 -0.04 0.00	37.42 -0.03 0.00	40.49 -0.39 0.00	41.11 -0.65 0.00	43.56 -1.10 0.00	72.06 -1.92 0.00	179.76 -3.47 0.00	194.88 -3.46 0.00	270.27 -5.71 0.00	281.23 -6.63 0.00	801.56 -18.15 0.00	175.01 -4.11 0.00	94.83 -2.38 0.00	202.34 -5.06 0.00	85.89 -2.36 0.00	42.96 -1.31 0.00	38.09 -1.00 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.82 0.29 0.00	33.49 0.17 0.00	27.07 -0.32 0.00	26.44 -0.18 0.00	28.29 -0.16 0.00	32.18 0.12 0.00	31.21 0.12 0.00	29.26 -0.17 0.00	37.74 0.29 0.00	41.97 1.10 0.00	43.59 1.83 0.00	47.70 3.04 0.00	79.63 5.64 0.00	194.18 10.95 0.00	208.08 9.74 0.00	288.11 12.13 0.00	295.00 7.00 -0.14	841.44 21.72 0.00	183.61 4.50 0.00	99.99 2.78 0.00	212.76 5.36 0.00	92.55 4.30 0.00	46.26 1.99 0.00	40.76 1.68 0.00
EMPIRE_CC_1 323656	35.88 0.40 0.04	33.80 0.49 0.00	27.92 0.53 0.00	27.10 0.48 0.00	28.96 0.51 0.00	32.47 0.41 0.00	31.21 0.23 0.11	31.33 0.29 -1.60	37.92 0.25 -0.21	41.13 0.26 0.00	41.79 0.30 0.27	44.85 0.45 0.25	71.94 0.12 2.16	170.22 -0.71 12.30	195.85 0.64 3.13	277.27 1.29 0.00	292.49 4.64 0.00	834.13 14.42 0.00	183.38 4.26 0.00	99.12 1.91 0.00	211.97 4.57 0.00	89.48 1.33 0.10	45.46 1.19 0.00	39.81 0.73 0.00
EMPIRE_CC_2 323658	35.88 0.40 0.04	33.80 0.49 0.00	27.92 0.53 0.00	27.10 0.48 0.00	28.96 0.51 0.00	32.47 0.41 0.00	31.21 0.23 0.11	31.33 0.29 -1.60	37.92 0.25 -0.21	41.13 0.26 0.00	41.79 0.30 0.27	44.85 0.45 0.25	71.94 0.12 2.16	170.22 -0.71 12.30	195.85 0.64 3.13	277.27 1.29 0.00	292.49 4.64 0.00	834.13 14.42 0.00	183.38 4.26 0.00	99.12 1.91 0.00	211.97 4.57 0.00	89.48 1.33 0.10	45.46 1.19 0.00	39.81 0.73 0.00

ENORWICH_115KV_TB1 80156	38.21 2.68 0.00	35.68 2.36 0.00	29.24 1.85 0.00	28.44 1.83 0.00	30.44 1.99 0.00	34.55 2.49 0.00	33.64 2.54 0.00	31.91 2.48 0.00	40.66 3.21 0.00	44.39 3.52 0.00	45.33 3.57 0.00	48.73 4.08 0.00	81.28 7.30 0.00	200.31 17.08 0.00	217.64 19.30 0.00	304.61 28.63 0.00	316.69 28.83 0.00	912.15 92.44 0.00	201.32 22.20 0.00	109.65 12.43 0.00	233.27 25.87 0.00	99.01 10.76 0.00	49.10 4.82 0.00	42.90 3.82 0.00
ERIE_ST__34_KV_TB1-2 80199	36.28 0.76 0.00	33.85 0.54 0.00	27.38 -0.01 0.00	26.72 0.11 0.00	28.60 0.14 0.00	32.55 0.49 0.00	31.60 0.51 0.00	29.71 0.28 0.00	38.34 0.89 0.00	42.65 1.78 0.00	44.29 2.53 0.00	48.47 3.81 0.00	81.00 7.02 0.00	197.70 14.47 0.00	212.26 13.92 0.00	294.07 18.09 0.00	301.19 12.96 -0.38	857.38 37.66 0.00	186.99 7.87 0.00	101.74 4.52 0.00	216.56 9.16 0.00	93.89 5.64 0.00	46.85 2.58 0.00	41.19 2.11 0.00
ERIE_WT_PWR 323693	36.03 0.51 0.00	33.67 0.35 0.00	27.22 -0.17 0.00	26.58 -0.03 0.00	28.45 0.00 0.00	32.37 0.31 0.00	31.40 0.30 0.00	29.47 0.03 0.00	38.01 0.56 0.00	42.27 1.39 0.00	43.92 2.16 0.00	48.06 3.40 0.00	80.22 6.24 0.00	195.73 12.50 0.00	210.08 11.74 0.00	290.88 14.90 0.00	298.35 10.04 -0.44	849.43 29.72 0.00	185.21 6.09 0.00	100.94 3.73 0.00	215.03 7.63 0.00	93.31 5.06 0.00	46.59 2.32 0.00	41.05 1.97 0.00
ESPRGFLD_115KV_TB1 80157	37.93 2.41 0.01	35.46 2.15 0.00	29.07 1.68 0.00	28.25 1.64 0.00	30.20 1.76 0.00	34.20 2.14 0.00	33.34 2.27 0.03	31.62 2.19 0.00	40.20 2.75 0.00	44.06 3.19 0.00	45.05 3.36 0.07	48.17 3.58 0.07	79.59 6.17 0.56	195.20 15.19 3.22	214.11 16.59 0.82	299.04 23.05 0.00	309.79 21.94 0.00	883.68 63.97 0.00	193.63 14.51 0.00	105.30 8.09 0.00	224.79 17.39 0.00	95.84 7.61 0.03	47.78 3.51 0.00	41.86 2.78 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.56 1.03 0.00	34.18 0.87 0.00	28.00 0.61 0.00	27.24 0.62 0.00	29.13 0.68 0.00	32.96 0.90 0.00	32.03 0.94 0.00	30.36 0.92 0.00	38.65 1.21 0.00	42.33 1.46 0.00	43.37 1.61 0.00	46.66 2.01 0.00	77.51 3.54 0.00	190.92 7.69 0.00	207.14 8.80 0.00	288.71 12.73 0.00	300.70 12.84 0.00	857.65 37.94 0.00	188.38 9.26 0.00	102.59 5.37 0.00	218.90 11.50 0.00	93.11 4.86 0.00	46.47 2.20 0.00	40.72 1.64 0.00
ETNA____115KV_TB2 80207	36.56 1.03 0.00	34.18 0.87 0.00	28.00 0.61 0.00	27.24 0.62 0.00	29.13 0.68 0.00	32.96 0.90 0.00	32.03 0.94 0.00	30.36 0.92 0.00	38.65 1.21 0.00	42.33 1.46 0.00	43.37 1.61 0.00	46.66 2.01 0.00	77.51 3.54 0.00	190.92 7.69 0.00	207.14 8.80 0.00	288.71 12.73 0.00	300.70 12.84 0.00	857.65 37.94 0.00	188.38 9.26 0.00	102.59 5.37 0.00	218.90 11.50 0.00	93.11 4.86 0.00	46.47 2.20 0.00	40.72 1.64 0.00
EUCLID__115KV_TB2 356179	35.53 0.00 0.00	33.25 -0.06 0.00	27.28 -0.11 0.00	26.51 -0.10 0.00	28.35 -0.10 0.00	32.01 -0.06 0.00	31.06 -0.03 0.00	29.37 -0.06 0.00	37.45 0.00 0.00	41.05 0.17 0.00	42.13 0.37 0.00	45.31 0.66 0.00	39.85 1.18 35.30	185.39 2.16 0.00	200.75 2.42 0.00	279.36 3.38 0.00	290.65 2.79 0.00	826.09 6.38 0.00	180.73 1.61 0.00	98.23 1.02 0.00	209.53 2.13 0.00	89.26 1.01 0.00	44.66 0.38 0.00	39.27 0.19 0.00
E_CANADA_CAP_HY 24051	38.52 3.01 0.02	36.00 2.69 0.00	29.52 2.13 0.00	28.70 2.09 0.00	30.68 2.23 0.00	34.72 2.66 0.00	33.80 2.74 0.04	33.03 2.68 -0.92	40.87 3.30 -0.12	44.55 3.68 0.00	45.43 3.76 0.10	48.38 3.81 0.09	79.61 6.42 0.79	194.96 16.21 4.48	214.85 17.65 1.14	300.53 24.54 0.00	311.46 23.60 0.00	891.10 71.38 0.00	195.74 16.62 0.00	106.52 9.31 0.00	228.17 20.77 0.00	97.20 8.99 0.04	48.33 4.06 0.00	42.39 3.30 0.00
E_CANADA_MHWK_HY 24050	35.24 -0.28 0.00	33.16 -0.15 0.00	27.45 0.06 0.00	26.63 0.01 0.00	28.45 0.00 0.00	31.96 -0.10 0.00	30.93 -0.16 0.00	29.39 -0.05 0.00	37.17 -0.28 0.00	40.42 -0.46 0.00	41.38 -0.38 0.00	44.50 -0.16 0.00	36.96 -0.56 36.46	181.02 -2.21 0.00	196.80 -1.55 0.00	274.64 -1.34 0.00	290.06 2.21 0.00	830.96 11.25 0.00	183.98 4.86 0.00	99.97 2.76 0.00	213.11 5.71 0.00	89.97 1.72 0.00	45.26 0.99 0.00	39.61 0.52 0.00
E_FISHKILL__LBMP 23776	36.81 1.26 -0.02	34.50 1.18 0.00	28.44 1.05 0.00	27.57 0.96 0.00	29.43 0.98 0.00	33.12 1.06 0.00	32.18 1.03 -0.06	32.77 1.06 -2.28	38.99 1.24 -0.30	42.37 1.50 0.00	43.66 1.76 -0.14	47.00 2.21 -0.13	78.54 3.44 -1.12	197.11 7.51 -6.36	209.89 9.93 -1.62	291.10 15.12 0.00	306.15 18.29 0.00	869.78 50.07 0.00	190.43 11.31 0.00	102.78 5.57 0.00	218.44 11.03 0.00	92.67 4.37 -0.05	46.74 2.47 0.00	40.60 1.52 0.00
FALCON__SEABRD_CC1 323796	35.72 0.19 0.00	33.52 0.20 0.00	27.48 0.09 0.00	26.70 0.09 0.00	28.63 0.18 0.00	32.21 0.15 0.00	31.35 0.25 0.00	29.55 0.12 0.00	37.62 0.17 0.00	40.61 -0.26 0.00	41.26 -0.50 0.00	43.78 -0.88 0.00	72.29 -1.68 0.00	180.25 -2.99 0.00	195.76 -2.58 0.00	271.32 -4.66 0.00	282.47 -5.39 0.00	805.10 -14.62 0.00	175.93 -3.19 0.00	95.21 -2.00 0.00	203.10 -4.30 0.00	86.07 -2.18 0.00	43.10 -1.17 0.00	38.14 -0.94 0.00
FALCON__SEABRD_CC2 323797	35.72 0.19 0.00	33.52 0.20 0.00	27.48 0.09 0.00	26.70 0.09 0.00	28.63 0.18 0.00	32.21 0.15 0.00	31.35 0.25 0.00	29.55 0.12 0.00	37.62 0.17 0.00	40.61 -0.26 0.00	41.26 -0.50 0.00	43.78 -0.88 0.00	72.29 -1.68 0.00	180.25 -2.99 0.00	195.76 -2.58 0.00	271.32 -4.66 0.00	282.47 -5.39 0.00	805.10 -14.62 0.00	175.93 -3.19 0.00	95.21 -2.00 0.00	203.10 -4.30 0.00	86.07 -2.18 0.00	43.10 -1.17 0.00	38.14 -0.94 0.00
FAR ROCKAWAY__4 23548	38.60 2.91 -0.17	35.95 2.64 0.00	29.46 2.07 0.00	28.49 1.88 0.00	30.45 2.00 0.00	34.48 2.42 0.00	33.59 2.44 -0.06	37.28 2.14 -5.70	40.57 2.37 -0.76	43.90 2.90 -0.13	45.45 3.55 -0.13	49.01 4.22 -0.13	81.91 6.85 -1.08	219.04 16.11 -19.71	255.37 18.49 -38.54	369.31 27.94 -65.39	419.44 32.90 -98.68	1085.69 92.35 -173.62	418.10 20.22 -218.76	316.98 10.14 -209.63	241.16 20.02 -13.74	244.17 8.33 -147.60	64.71 4.35 -16.09	42.22 2.96 -0.18
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.37 1.82 -0.02	35.00 1.68 0.00	28.81 1.42 0.00	27.90 1.29 0.00	29.79 1.34 0.00	33.57 1.51 0.00	32.70 1.55 -0.06	36.77 1.59 -5.74	40.12 1.91 -0.76	43.17 2.30 0.00	44.55 2.66 -0.13	48.05 3.27 -0.13	80.40 5.34 -1.08	201.50 12.11 -6.17	215.25 15.34 -1.57	298.85 22.87 0.00	314.01 26.15 0.00	891.43 71.72 0.00	194.55 15.44 0.00	104.83 7.62 0.00	222.39 14.99 0.00	94.37 6.08 -0.05	47.58 3.31 0.00	41.12 2.03 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.41 1.87 -0.02	35.03 1.72 0.00	28.84 1.45 0.00	27.93 1.32 0.00	29.82 1.36 0.00	33.61 1.54 0.00	32.74 1.58 -0.06	36.80 1.62 -5.74	40.15 1.94 -0.76	43.20 2.32 0.00	44.58 2.69 -0.13	48.08 3.30 -0.13	80.47 5.41 -1.08	201.69 12.29 -6.17	215.47 15.56 -1.57	299.16 23.18 0.00	314.35 26.49 0.00	892.40 72.68 0.00	194.77 15.65 0.00	104.96 7.74 0.00	222.70 15.30 0.00	94.52 6.22 -0.05	47.64 3.37 0.00	41.18 2.10 0.00

FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.35 1.81 -0.02	34.98 1.66 0.00	28.80 1.41 0.00	27.89 1.28 0.00	29.77 1.32 0.00	33.56 1.49 0.00	32.69 1.54 -0.06	36.75 1.58 -5.74	40.11 1.90 -0.76	43.15 2.28 0.00	44.52 2.63 -0.13	48.01 3.23 -0.13	80.37 5.31 -1.08	201.39 11.99 -6.17	215.15 15.23 -1.57	298.61 22.63 0.00	313.79 25.93 0.00	890.76 71.04 0.00	194.39 15.27 0.00	104.74 7.53 0.00	222.18 14.78 0.00	94.29 5.99 -0.05	47.55 3.28 0.00	41.10 2.01 0.00
FARRAGUT____LBMP 323566	37.32 1.77 -0.02	34.94 1.63 0.00	28.77 1.38 0.00	27.87 1.25 0.00	29.74 1.29 0.00	33.51 1.45 0.00	32.64 1.50 -0.06	36.72 1.54 -5.74	40.05 1.84 -0.76	43.08 2.21 0.00	44.46 2.56 -0.13	47.93 3.15 -0.13	80.23 5.17 -1.08	201.09 11.70 -6.17	214.81 14.90 -1.57	298.15 22.16 0.00	313.35 25.49 0.00	889.36 69.65 0.00	194.12 15.00 0.00	104.59 7.38 0.00	221.93 14.53 0.00	94.20 5.89 -0.05	47.50 3.23 0.00	41.05 1.96 0.00
FENNER____WINDPWR 24204	36.43 0.90 0.00	34.05 0.74 0.00	27.94 0.56 0.00	27.17 0.56 0.00	29.07 0.62 0.00	32.85 0.79 0.00	31.94 0.84 0.00	30.23 0.79 0.00	38.52 1.07 0.00	42.17 1.30 0.00	43.15 1.39 0.00	46.25 1.59 0.00	24.01 2.43 52.41	188.70 5.47 0.00	204.94 6.60 0.00	285.35 9.37 0.00	297.71 9.85 0.00	848.07 28.35 0.00	186.03 6.91 0.00	101.21 4.00 0.00	215.77 8.37 0.00	91.73 3.48 0.00	46.00 1.73 0.00	40.38 1.29 0.00
FIBERTEK____ENERGY 23856	35.91 0.39 0.00	33.64 0.32 0.00	27.58 0.19 0.00	26.80 0.19 0.00	28.65 0.20 0.00	32.36 0.30 0.00	31.41 0.32 0.00	29.73 0.30 0.00	37.86 0.41 0.00	41.48 0.60 0.00	42.48 0.72 0.00	45.59 0.93 0.00	44.38 1.59 31.19	186.33 3.10 0.00	201.65 3.31 0.00	280.82 4.84 0.00	292.69 4.83 0.00	831.97 12.25 0.00	182.20 3.08 0.00	99.06 1.85 0.00	211.55 4.15 0.00	90.11 1.87 0.00	45.14 0.87 0.00	39.72 0.64 0.00
FITZPATRICK____ 23598	35.02 -0.51 0.00	32.79 -0.52 0.00	26.91 -0.47 0.00	26.16 -0.45 0.00	27.97 -0.47 0.00	31.57 -0.49 0.00	30.64 -0.45 0.00	28.98 -0.45 0.00	36.92 -0.53 0.00	40.43 -0.44 0.00	41.45 -0.30 0.00	44.51 -0.15 0.00	73.74 -0.24 0.00	182.09 -1.14 0.00	197.04 -1.30 0.00	274.10 -1.88 0.00	285.27 -2.60 0.00	810.93 -8.79 0.00	177.39 -1.74 0.00	96.42 -0.79 0.00	205.83 -1.57 0.00	87.69 -0.56 0.00	43.89 -0.38 0.00	38.64 -0.44 0.00
FLOWRFLD_69_KV_BK1 356044	38.98 3.28 -0.17	36.30 2.98 0.00	29.67 2.28 0.00	28.61 2.00 0.00	30.64 2.19 0.00	34.77 2.72 0.00	33.90 2.75 -0.06	37.50 2.37 -5.70	40.94 2.74 -0.76	44.15 3.15 -0.13	46.01 3.95 -0.30	65.29 4.31 -16.32	126.64 6.68 -45.98	307.94 14.91 -109.81	322.76 18.60 -105.82	369.36 27.98 -65.39	418.78 32.24 -98.69	1082.53 89.20 -173.62	417.29 19.41 -218.76	317.12 10.28 -209.63	250.84 20.67 -22.77	244.73 8.88 -147.60	50.90 4.63 -2.00	43.46 3.47 -0.90
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.38 1.84 -0.02	34.99 1.68 0.00	28.81 1.42 0.00	27.93 1.32 0.00	29.83 1.37 0.00	33.58 1.52 0.00	32.66 1.53 -0.04	32.89 1.69 -1.77	39.79 2.11 -0.23	43.37 2.50 0.00	44.70 2.84 -0.10	48.12 3.37 -0.10	79.99 5.19 -0.82	198.91 10.98 -4.70	213.36 13.83 -1.20	296.91 20.93 0.00	312.42 24.56 0.00	887.70 67.99 0.00	194.21 15.09 0.00	104.82 7.60 0.00	222.46 15.06 0.00	94.23 5.94 -0.04	47.47 3.20 0.00	41.14 2.06 0.00
FORT ORANGE____ 23900	36.11 0.60 0.02	33.96 0.65 0.00	28.05 0.66 0.00	27.21 0.59 0.00	29.08 0.63 0.00	32.64 0.58 0.00	31.47 0.43 0.06	31.20 0.45 -1.31	37.97 0.35 -0.17	40.98 0.10 0.00	41.72 0.09 0.14	44.65 0.12 0.13	72.50 -0.37 1.11	175.07 -1.83 6.34	196.15 -0.58 1.61	275.97 -0.01 0.00	290.92 3.06 0.00	830.31 10.59 0.00	182.74 3.62 0.00	98.93 1.71 0.00	211.34 3.94 0.00	89.57 1.37 0.05	45.43 1.16 0.00	39.81 0.73 0.00
FORT_DRUM_COGEN 23780	36.58 1.06 0.00	33.73 0.41 0.00	27.50 0.11 0.00	26.97 0.35 0.00	29.01 0.56 0.00	32.93 0.86 0.00	32.08 0.98 0.00	30.34 0.91 0.00	38.55 1.10 0.00	42.03 1.15 0.00	42.60 0.83 0.00	45.03 0.37 0.00	-265.80 -0.08 339.70	182.36 -0.87 0.00	201.29 2.95 0.00	278.71 2.73 0.00	292.24 4.38 0.00	825.61 5.89 0.00	181.20 2.08 0.00	99.75 2.53 0.00	215.14 7.74 0.00	91.60 3.36 0.00	45.60 1.33 0.00	39.79 0.70 0.00
FPL_FAR_ROCK_GT1 24212	38.61 2.91 -0.17	35.95 2.64 0.00	29.46 2.07 0.00	28.49 1.88 0.00	30.45 2.00 0.00	34.48 2.42 0.00	33.59 2.43 -0.06	37.28 2.15 -5.70	40.57 2.37 -0.76	43.90 2.90 -0.13	45.45 3.55 -0.14	49.00 4.22 -0.13	81.91 6.86 -1.08	219.06 16.12 -19.71	255.37 18.49 -38.54	369.34 27.97 -65.39	419.43 32.89 -98.68	1085.74 92.41 -173.62	418.09 20.21 -218.76	316.99 10.15 -209.63	241.17 20.02 -13.75	244.18 8.33 -147.60	64.71 4.34 -16.09	42.21 2.94 -0.18
FPL_FAR_ROCK_GT2 23815	38.61 2.91 -0.17	35.95 2.64 0.00	29.46 2.07 0.00	28.49 1.88 0.00	30.45 2.00 0.00	34.48 2.42 0.00	33.59 2.43 -0.06	37.28 2.15 -5.70	40.57 2.37 -0.76	43.90 2.90 -0.13	45.45 3.55 -0.14	49.00 4.22 -0.13	81.91 6.86 -1.08	219.06 16.12 -19.71	255.37 18.49 -38.54	369.34 27.97 -65.39	419.43 32.89 -98.68	1085.74 92.41 -173.62	418.09 20.21 -218.76	316.99 10.15 -209.63	241.17 20.02 -13.75	244.18 8.33 -147.60	64.71 4.34 -16.09	42.21 2.94 -0.18
FRANKLIN_FALL_HYD 24054	35.55 0.02 0.00	33.24 -0.07 0.00	27.20 -0.19 0.00	26.44 -0.17 0.00	28.30 -0.15 0.00	31.93 -0.13 0.00	31.12 0.03 0.00	29.45 0.01 0.00	37.51 0.06 0.00	40.56 -0.32 0.00	41.14 -0.63 0.00	43.41 -1.25 0.00	-332.16 -2.09 404.05	179.83 -3.40 0.00	195.07 -3.27 0.00	270.24 -5.73 0.00	281.18 -6.68 0.00	801.95 -17.77 0.00	175.18 -3.93 0.00	95.13 -2.08 0.00	202.83 -4.57 0.00	86.14 -2.11 0.00	42.99 -1.28 0.00	38.17 -0.91 0.00
FREEPORT_EQUS_GT1 23764	38.28 2.58 -0.17	35.71 2.40 0.00	29.29 1.90 0.00	28.31 1.70 0.00	30.28 1.83 0.00	34.28 2.22 0.00	33.38 2.22 -0.06	37.01 1.88 -5.70	40.27 2.06 -0.76	43.47 2.47 -0.13	44.84 2.94 -0.14	48.23 3.44 -0.13	80.58 5.52 -1.08	215.72 12.79 -19.71	253.21 16.33 -38.54	366.20 24.83 -65.39	415.40 28.86 -98.68	1074.29 80.96 -173.62	415.65 17.77 -218.76	315.65 8.81 -209.63	238.42 17.27 -13.75	243.33 7.49 -147.60	54.90 4.00 -6.63	41.98 2.72 -0.18
FREEPORT____CT2 23818	38.28 2.58 -0.17	35.71 2.40 0.00	29.29 1.90 0.00	28.31 1.70 0.00	30.28 1.83 0.00	34.28 2.22 0.00	33.38 2.22 -0.06	37.01 1.88 -5.70	40.27 2.06 -0.76	43.47 2.47 -0.13	44.84 2.94 -0.14	48.23 3.44 -0.13	80.58 5.52 -1.08	215.72 12.79 -19.71	253.21 16.33 -38.54	366.20 24.83 -65.39	415.40 28.86 -98.68	1074.29 80.96 -173.62	415.65 17.77 -218.76	315.65 8.81 -209.63	238.42 17.27 -13.75	243.33 7.49 -147.60	54.90 4.00 -6.63	41.98 2.72 -0.18
FRESHKLS_33_KV_LOAD 356253	32.97 1.77 4.33	34.97 1.72 0.07	28.87 1.48 0.00	27.96 1.35 0.00	29.85 1.41 0.00	33.65 1.59 0.00	32.76 1.61 -0.06	31.14 1.55 -0.16	3.24 1.88 36.09	3.16 2.23 39.94	36.16 2.47 8.08	36.13 3.14 11.66	51.17 5.00 27.81	160.05 10.26 33.44	174.95 13.44 36.83	281.29 20.01 14.70	224.80 22.63 85.68	877.92 61.22 3.01	192.29 13.21 0.03	97.10 6.40 6.51	203.21 12.54 16.74	93.63 5.33 -0.05	47.37 3.10 0.00	38.38 1.77 2.47



FULTON COGEN____ 23766	35.60 0.07 0.00	33.32 0.00 0.00	27.34 -0.05 0.00	26.58 -0.03 0.00	28.42 -0.04 0.00	32.09 0.02 0.00	31.17 0.07 0.00	29.47 0.04 0.00	37.56 0.11 0.00	41.16 0.28 0.00	42.24 0.47 0.00	45.41 0.75 0.00	32.87 1.27 42.38	185.57 2.34 0.00	200.96 2.62 0.00	279.68 3.70 0.00	291.03 3.17 0.00	826.35 6.64 0.00	180.82 1.70 0.00	98.37 1.16 0.00	210.00 2.60 0.00	89.42 1.17 0.00	44.69 0.42 0.00	39.29 0.21 0.00
FULTON____LFGE 323630	39.21 3.70 0.02	36.64 3.33 0.00	30.06 2.67 0.00	29.18 2.57 0.00	31.20 2.75 0.00	35.29 3.23 0.00	34.33 3.28 0.05	33.45 2.98 -1.04	40.53 2.94 -0.14	43.71 2.84 0.00	44.26 2.61 0.11	46.87 2.32 0.10	78.38 5.28 0.88	190.09 11.88 5.02	209.00 11.94 1.28	294.64 18.66 0.00	308.10 20.24 0.00	909.11 89.39 0.00	204.97 25.85 0.00	111.75 14.54 0.00	238.70 31.30 0.00	101.10 12.89 0.04	49.64 5.37 0.00	43.27 4.19 0.00
G.F.CEMENT____DRP 24184	37.81 2.31 0.02	35.43 2.11 0.00	29.18 1.79 0.00	28.32 1.71 0.00	30.35 1.89 0.00	34.06 2.00 0.00	32.91 1.89 0.07	32.58 1.86 -1.29	39.98 2.36 -0.17	43.38 2.51 0.00	44.27 2.67 0.16	47.60 3.10 0.15	77.62 4.95 1.31	187.68 11.91 7.46	210.39 13.95 1.90	296.78 20.80 0.00	310.35 22.49 0.00	886.26 66.55 0.00	195.92 16.80 0.00	105.44 8.22 0.00	225.09 17.69 0.00	95.12 6.93 0.06	48.03 3.76 0.00	42.10 3.02 0.00
GARDENVILLE____LBMP 24039	35.90 0.37 0.00	33.55 0.23 0.00	27.13 -0.26 0.00	26.49 -0.12 0.00	28.35 -0.10 0.00	32.26 0.19 0.00	31.30 0.20 0.00	29.36 -0.07 0.00	37.87 0.42 0.00	42.12 1.24 0.00	43.74 1.98 0.00	47.86 3.21 0.00	79.91 5.93 0.00	194.91 11.68 0.00	208.96 10.62 0.00	289.41 13.43 0.00	296.52 8.40 -0.26	845.14 25.43 0.00	184.40 5.28 0.00	100.45 3.24 0.00	213.78 6.38 0.00	92.91 4.66 0.00	46.41 2.14 0.00	40.88 1.79 0.00
GARDNVLA_35_KV_LD 355827	36.08 0.56 0.00	33.72 0.40 0.00	27.27 -0.12 0.00	26.63 0.01 0.00	28.50 0.05 0.00	32.41 0.35 0.00	31.45 0.36 0.00	29.51 0.08 0.00	38.08 0.63 0.00	42.36 1.49 0.00	44.03 2.27 0.00	48.21 3.56 0.00	80.55 6.57 0.00	196.51 13.28 0.00	210.69 12.35 0.00	291.81 15.83 0.00	299.33 10.96 -0.51	852.87 33.16 0.00	186.00 6.88 0.00	101.27 4.06 0.00	215.54 8.14 0.00	93.58 5.33 0.00	46.72 2.45 0.00	41.12 2.04 0.00
GELCKHM____115KV_LOAD 80723	35.67 0.15 0.00	33.40 0.08 0.00	27.39 0.00 0.00	26.62 0.01 0.00	28.47 0.02 0.00	32.14 0.08 0.00	31.20 0.10 0.00	29.51 0.08 0.00	37.61 0.16 0.00	41.22 0.35 0.00	42.40 0.64 0.00	45.57 0.92 0.00	42.17 1.59 33.40	186.49 3.26 0.00	201.80 3.46 0.00	280.91 4.93 0.00	291.40 3.54 0.00	828.48 8.77 0.00	181.27 2.15 0.00	98.52 1.31 0.00	210.28 2.88 0.00	89.59 1.34 0.00	44.83 0.56 0.00	39.44 0.36 0.00
GENERAL____MILLS 23808	36.01 0.48 0.00	33.65 0.33 0.00	27.21 -0.18 0.00	26.57 -0.05 0.00	28.43 -0.02 0.00	32.34 0.28 0.00	31.37 0.28 0.00	29.44 0.00 0.00	37.97 0.52 0.00	42.24 1.36 0.00	43.88 2.12 0.00	48.03 3.38 0.00	80.22 6.24 0.00	195.72 12.49 0.00	209.90 11.56 0.00	290.66 14.68 0.00	298.00 9.70 -0.44	848.93 29.21 0.00	185.17 6.05 0.00	100.84 3.63 0.00	214.65 7.25 0.00	93.23 4.98 0.00	46.57 2.30 0.00	41.00 1.92 0.00
GE_PLASTICS____DRP 24183	36.03 0.52 0.02	33.89 0.58 0.00	28.00 0.61 0.00	27.18 0.56 0.00	29.04 0.59 0.00	32.60 0.54 0.00	31.45 0.40 0.05	31.15 0.42 -1.30	37.97 0.35 -0.17	41.09 0.22 0.00	41.83 0.18 0.11	44.71 0.15 0.11	72.76 -0.31 0.91	176.42 -1.65 5.17	196.50 -0.52 1.31	276.01 0.03 0.00	290.54 2.69 0.00	828.12 8.41 0.00	181.86 2.74 0.00	98.41 1.20 0.00	210.17 2.77 0.00	89.28 1.07 0.04	45.44 1.16 0.00	39.87 0.79 0.00
GILBOA____1 23756	36.18 0.65 0.00	34.07 0.76 0.00	28.28 0.88 0.00	27.45 0.84 0.00	29.32 0.87 0.00	32.86 0.80 0.00	31.71 0.62 0.00	30.80 0.53 -0.83	38.17 0.61 -0.11	41.62 0.74 0.00	42.63 0.87 0.00	45.66 1.00 0.00	74.97 0.99 0.00	184.16 0.93 0.00	200.46 2.12 0.00	279.55 3.57 0.00	293.20 5.34 0.00	834.70 14.98 0.00	183.00 3.89 0.00	99.22 2.00 0.00	212.48 5.08 0.00	90.70 2.45 0.00	45.93 1.66 0.00	40.29 1.21 0.00
GILBOA____2 23757	36.18 0.65 0.00	34.07 0.76 0.00	28.28 0.88 0.00	27.45 0.84 0.00	29.32 0.87 0.00	32.86 0.80 0.00	31.71 0.62 0.00	30.80 0.53 -0.83	38.17 0.61 -0.11	41.62 0.74 0.00	42.63 0.87 0.00	45.66 1.00 0.00	74.97 0.99 0.00	184.16 0.93 0.00	200.46 2.12 0.00	279.55 3.57 0.00	293.20 5.34 0.00	834.70 14.98 0.00	183.00 3.89 0.00	99.22 2.00 0.00	212.48 5.08 0.00	90.70 2.45 0.00	45.93 1.66 0.00	40.29 1.21 0.00
GILBOA____3 23758	36.18 0.65 0.00	34.07 0.76 0.00	28.28 0.88 0.00	27.45 0.84 0.00	29.32 0.87 0.00	32.86 0.80 0.00	31.71 0.62 0.00	30.80 0.53 -0.83	38.17 0.61 -0.11	41.62 0.74 0.00	42.63 0.87 0.00	45.66 1.00 0.00	74.97 0.99 0.00	184.16 0.93 0.00	200.46 2.12 0.00	279.55 3.57 0.00	293.20 5.34 0.00	834.70 14.98 0.00	183.00 3.89 0.00	99.22 2.00 0.00	212.48 5.08 0.00	90.70 2.45 0.00	45.93 1.66 0.00	40.29 1.21 0.00
GILBOA____4 23759	36.18 0.65 0.00	34.07 0.76 0.00	28.28 0.88 0.00	27.45 0.84 0.00	29.32 0.87 0.00	32.86 0.80 0.00	31.71 0.62 0.00	30.80 0.53 -0.83	38.17 0.61 -0.11	41.62 0.74 0.00	42.63 0.87 0.00	45.66 1.00 0.00	74.97 0.99 0.00	184.16 0.93 0.00	200.46 2.12 0.00	279.55 3.57 0.00	293.20 5.34 0.00	834.70 14.98 0.00	183.00 3.89 0.00	99.22 2.00 0.00	212.48 5.08 0.00	90.70 2.45 0.00	45.93 1.66 0.00	40.29 1.21 0.00
GILBOA____ 23599	36.18 0.65 0.00	34.08 0.76 0.00	28.28 0.89 0.00	27.45 0.84 0.00	29.32 0.87 0.00	32.86 0.80 0.00	31.71 0.62 0.00	30.80 0.53 -0.83	38.17 0.61 -0.11	41.62 0.74 0.00	42.63 0.87 0.00	45.66 1.00 0.00	74.96 0.98 0.00	184.16 0.92 0.00	200.46 2.12 0.00	279.55 3.57 0.00	293.20 5.34 0.00	834.78 15.06 0.00	183.00 3.88 0.00	99.22 2.01 0.00	212.48 5.08 0.00	90.70 2.46 0.00	45.93 1.66 0.00	40.30 1.22 0.00
GINNA____ 23603	34.52 -1.01 0.00	32.28 -1.04 0.00	26.28 -1.11 0.00	25.58 -1.04 0.00	27.36 -1.09 0.00	31.01 -1.05 0.00	30.14 -0.95 0.00	28.44 -0.99 0.00	36.42 -1.03 0.00	40.24 -0.63 0.00	41.61 -0.15 0.00	45.24 0.58 0.00	75.33 1.35 0.00	185.20 1.97 0.00	199.54 1.20 0.00	277.17 1.19 0.00	286.71 -1.15 0.00	817.06 -2.66 0.00	178.74 -0.38 0.00	97.16 -0.05 0.00	206.30 -1.10 0.00	88.56 0.31 0.00	44.18 -0.08 0.00	38.79 -0.29 0.00
GLEN PARK____ 23778	36.84 1.31 0.00	33.96 0.65 0.00	27.68 0.29 0.00	27.14 0.53 0.00	29.20 0.75 0.00	33.17 1.11 0.00	32.33 1.24 0.00	30.59 1.15 0.00	38.83 1.38 0.00	42.33 1.46 0.00	42.91 1.15 0.00	45.34 0.68 0.00	-247.76 0.49 322.22	183.66 0.43 0.00	202.69 4.34 0.00	280.67 4.69 0.00	294.20 6.34 0.00	831.74 12.02 0.00	182.71 3.59 0.00	100.92 3.70 0.00	217.66 10.26 0.00	92.67 4.42 0.00	46.09 1.82 0.00	40.17 1.09 0.00

GLENDALE_27_KV_LOAD 356172	37.64 2.10 -0.02	35.23 1.92 0.00	28.99 1.60 0.00	28.06 1.45 0.00	29.96 1.51 0.00	33.76 1.70 0.00	32.91 1.75 -0.06	36.98 1.80 -5.74	40.44 2.23 -0.76	43.44 2.57 0.00	44.77 2.87 -0.13	48.31 3.52 -0.13	80.73 5.67 -1.08	202.06 12.66 -6.17	216.01 16.10 -1.57	299.55 23.57 0.00	314.30 26.45 0.00	892.63 72.91 0.00	194.81 15.69 0.00	103.34 7.80 1.68	211.30 15.31 11.41	94.52 6.22 -0.04	47.66 3.39 0.01	41.19 2.11 0.00
GLENWOOD_IC_1_G5 23712	37.93 2.24 -0.17	35.36 2.05 0.00	29.03 1.64 0.00	28.10 1.49 0.00	30.03 1.58 0.00	33.92 1.86 0.00	33.02 1.87 -0.06	36.86 1.73 -5.70	40.26 2.05 -0.76	43.46 2.46 -0.13	44.64 2.74 -0.13	48.06 3.28 -0.13	80.40 5.34 -1.08	215.26 12.33 -19.71	252.64 15.76 -38.54	365.02 23.65 -65.39	413.77 27.23 -98.68	1068.70 75.37 -173.62	414.30 16.42 -218.76	314.98 8.14 -209.63	237.00 15.86 -13.74	242.32 6.48 -147.60	52.74 3.45 -5.02	41.75 2.49 -0.18
GLENWOOD_IC_2_G1 23688	37.68 1.98 -0.17	35.13 1.82 0.00	28.87 1.48 0.00	27.95 1.34 0.00	29.87 1.42 0.00	33.70 1.64 0.00	32.80 1.65 -0.06	36.70 1.56 -5.70	40.05 1.85 -0.76	43.22 2.22 -0.13	44.56 2.66 -0.14	47.97 3.19 -0.13	80.22 5.16 -1.08	214.74 11.81 -19.71	251.85 14.97 -38.54	363.85 22.48 -65.39	412.43 25.89 -98.68	1064.88 71.55 -173.62	413.51 15.63 -218.76	314.62 7.78 -209.63	236.46 15.31 -13.75	242.14 6.29 -147.60	51.08 3.35 -3.46	41.45 2.19 -0.18
GLENWOOD_IC_3_G1 23689	37.68 1.98 -0.17	35.13 1.82 0.00	28.87 1.48 0.00	27.95 1.34 0.00	29.87 1.42 0.00	33.70 1.64 0.00	32.80 1.65 -0.06	36.70 1.56 -5.70	40.05 1.85 -0.76	43.22 2.22 -0.13	44.56 2.66 -0.14	47.97 3.19 -0.13	80.22 5.16 -1.08	214.74 11.81 -19.71	251.85 14.97 -38.54	363.85 22.48 -65.39	412.43 25.89 -98.68	1064.88 71.55 -173.62	413.51 15.63 -218.76	314.62 7.78 -209.63	236.46 15.31 -13.75	242.14 6.29 -147.60	51.08 3.35 -3.46	41.45 2.19 -0.18
GLENWOOD___4 23550	37.93 2.24 -0.17	35.36 2.05 0.00	29.03 1.64 0.00	28.10 1.49 0.00	30.03 1.58 0.00	33.92 1.86 0.00	33.02 1.87 -0.06	36.86 1.73 -5.70	40.26 2.05 -0.76	43.47 2.47 -0.13	44.74 2.85 -0.13	48.17 3.39 -0.13	80.60 5.53 -1.08	215.73 12.80 -19.71	253.14 16.26 -38.54	365.68 24.31 -65.39	414.48 27.94 -98.68	1070.56 77.23 -173.62	414.75 16.87 -218.76	315.22 8.38 -209.63	237.59 16.45 -13.74	242.56 6.71 -147.60	52.84 3.55 -5.02	41.75 2.49 -0.18
GLENWOOD___5 23614	37.93 2.24 -0.17	35.36 2.05 0.00	29.03 1.64 0.00	28.10 1.49 0.00	30.03 1.58 0.00	33.92 1.86 0.00	33.02 1.87 -0.06	36.86 1.73 -5.70	40.26 2.05 -0.76	43.47 2.47 -0.13	44.74 2.85 -0.13	48.17 3.39 -0.13	80.60 5.53 -1.08	215.73 12.80 -19.71	253.14 16.26 -38.54	365.68 24.31 -65.39	414.48 27.94 -98.68	1070.56 77.23 -173.62	414.75 16.87 -218.76	315.22 8.38 -209.63	237.59 16.45 -13.74	242.56 6.71 -147.60	52.84 3.55 -5.02	41.75 2.49 -0.18
GLOBAL GREEN_PORT_GT1 23814	40.75 5.05 -0.17	37.91 4.59 0.00	30.92 3.53 0.00	29.79 3.17 0.00	31.91 3.46 0.00	36.24 4.18 0.00	35.36 4.20 -0.06	38.90 3.77 -5.70	42.92 4.71 -0.76	46.26 5.25 -0.13	48.40 6.39 -0.26	63.36 7.09 -11.61	118.58 11.68 -32.92	283.99 22.22 -78.54	299.32 25.70 -75.28	379.91 38.55 -65.39	429.91 43.37 -98.68	1113.02 119.69 -173.62	423.18 25.30 -218.76	320.29 13.45 -209.63	258.10 32.02 -18.68	250.61 14.76 -147.60	53.58 7.34 -1.96	45.35 5.57 -0.70
GLOBE___DSASP 323697	35.01 -0.51 0.00	32.76 -0.55 0.00	26.47 -0.92 0.00	25.86 -0.76 0.00	27.67 -0.78 0.00	31.43 -0.63 0.00	30.39 -0.71 0.00	28.28 -1.16 0.00	36.45 -1.00 0.00	40.49 -0.38 0.00	42.10 0.33 0.00	46.05 1.40 0.00	76.72 2.74 0.00	187.03 3.80 0.00	199.77 1.43 0.00	276.04 0.06 0.00	280.41 -5.56 1.89	806.24 -13.48 0.00	176.36 -2.76 0.00	96.13 -1.09 0.00	204.01 -3.39 0.00	89.32 1.07 0.00	44.77 0.50 0.00	39.66 0.58 0.00
GOETHSLN___LBMP 323567	32.74 1.51 4.30	34.65 1.41 0.07	28.58 1.19 0.00	27.68 1.07 0.00	29.54 1.09 0.00	33.31 1.25 0.00	32.43 1.28 -0.05	33.98 1.33 -3.22	36.59 1.56 2.43	36.71 1.91 6.07	37.68 2.25 6.34	37.81 2.82 9.67	50.98 4.62 27.61	159.96 10.35 33.63	177.66 13.53 34.21	281.63 20.34 14.69	225.66 23.49 85.68	879.30 63.91 4.33	192.81 13.72 0.04	97.40 6.70 6.52	203.31 13.11 17.20	93.59 5.29 -0.05	47.18 2.92 0.01	38.11 1.67 2.65
GOLAH___69_KV_TB 1_2 80279	36.39 0.87 0.00	34.02 0.71 0.00	27.62 0.23 0.00	26.92 0.31 0.00	28.81 0.36 0.00	32.71 0.64 0.00	31.74 0.65 0.00	29.87 0.43 0.00	38.42 0.97 0.00	42.46 1.59 0.00	43.94 2.18 0.00	47.83 3.18 0.00	79.66 5.68 0.00	195.41 12.18 0.00	209.55 11.21 0.00	290.91 14.93 0.00	299.34 11.48 0.00	855.19 35.48 0.00	187.28 8.15 0.00	102.03 4.81 0.00	216.94 9.53 0.00	93.70 5.45 0.00	46.90 2.62 0.00	41.15 2.07 0.00
GOODYEAR_LAKE_HYD 323669	37.07 1.54 0.00	34.72 1.41 0.00	28.55 1.16 0.00	27.73 1.12 0.00	29.64 1.19 0.00	33.46 1.40 0.00	32.56 1.47 0.00	30.84 1.41 0.00	39.23 1.78 0.00	43.01 2.14 0.00	44.08 2.32 0.00	47.30 2.64 0.00	78.43 4.45 0.00	193.51 10.28 0.00	210.12 11.78 0.00	292.74 16.75 0.00	304.71 16.85 0.00	868.10 48.39 0.00	190.19 11.07 0.00	103.24 6.03 0.00	220.10 12.70 0.00	93.73 5.48 0.00	46.96 2.69 0.00	41.10 2.02 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.01 0.48 0.00	33.66 0.34 0.00	27.58 0.19 0.00	26.83 0.22 0.00	28.68 0.23 0.00	32.47 0.40 0.00	31.59 0.49 0.00	29.89 0.45 0.00	38.12 0.67 0.00	41.86 0.99 0.00	42.94 1.18 0.00	46.30 1.65 0.00	76.94 2.97 0.00	188.84 5.61 0.00	205.13 6.79 0.00	285.69 9.71 0.00	296.50 8.65 0.00	843.88 24.16 0.00	184.85 5.74 0.00	100.42 3.21 0.00	214.23 6.83 0.00	91.33 3.08 0.00	45.76 1.49 0.00	40.17 1.08 0.00
GOUDEY___7 23579	36.05 0.52 0.00	33.69 0.37 0.00	27.61 0.22 0.00	26.86 0.24 0.00	28.71 0.26 0.00	32.49 0.43 0.00	31.62 0.52 0.00	29.92 0.49 0.00	38.16 0.71 0.00	41.91 1.04 0.00	43.01 1.25 0.00	46.36 1.71 0.00	77.06 3.08 0.00	189.17 5.94 0.00	205.46 7.12 0.00	286.19 10.20 0.00	297.07 9.21 0.00	845.27 25.55 0.00	185.19 6.07 0.00	100.59 3.38 0.00	214.56 7.16 0.00	91.47 3.22 0.00	45.82 1.55 0.00	40.21 1.13 0.00
GOUDEY___8 23580	36.01 0.48 0.00	33.66 0.34 0.00	27.58 0.19 0.00	26.83 0.22 0.00	28.68 0.23 0.00	32.47 0.40 0.00	31.59 0.49 0.00	29.89 0.45 0.00	38.12 0.67 0.00	41.86 0.99 0.00	42.94 1.18 0.00	46.30 1.65 0.00	76.94 2.97 0.00	188.84 5.61 0.00	205.13 6.79 0.00	285.69 9.71 0.00	296.50 8.65 0.00	843.88 24.16 0.00	184.85 5.74 0.00	100.42 3.21 0.00	214.23 6.83 0.00	91.33 3.08 0.00	45.76 1.49 0.00	40.17 1.08 0.00
GOWANUS_GT1_1 24077	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.92 1.47 0.00	33.70 1.64 0.00	32.84 1.69 -0.06	36.88 1.71 -5.74	40.31 2.10 -0.76	43.33 2.46 0.00	44.61 2.72 -0.13	48.18 3.40 -0.13	80.49 5.43 -1.09	200.58 11.18 -6.17	214.41 14.50 -1.57	297.47 21.48 0.00	311.98 24.12 0.00	885.11 65.39 0.00	193.18 14.06 0.00	102.89 6.86 1.19	211.14 13.60 9.86	93.94 5.64 -0.05	47.54 3.26 0.00	41.08 2.00 0.00

GOWANUS_GT1_2 24078	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.92 1.47 0.00	33.70 1.64 0.00	32.84 1.69 -0.06	36.88 1.71 -5.74	40.31 2.10 -0.76	43.33 2.46 0.00	44.61 2.72 -0.13	48.18 3.40 -0.13	80.49 5.43 -1.09	200.58 11.18 -6.17	214.41 14.50 -1.57	297.47 21.48 0.00	311.98 24.12 0.00	885.11 65.39 0.00	193.18 14.06 0.00	102.89 6.86 1.19	211.14 13.60 9.86	93.94 5.64 -0.05	47.54 3.26 0.00	41.08 2.00 0.00
GOWANUS_GT1_3 24079	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.92 1.47 0.00	33.70 1.64 0.00	32.84 1.69 -0.06	36.88 1.71 -5.74	40.31 2.10 -0.76	43.33 2.46 0.00	44.61 2.72 -0.13	48.18 3.40 -0.13	80.49 5.43 -1.09	200.58 11.18 -6.17	214.41 14.50 -1.57	297.47 21.48 0.00	311.98 24.12 0.00	885.11 65.39 0.00	193.18 14.06 0.00	102.89 6.86 1.19	211.14 13.60 9.86	93.94 5.64 -0.05	47.54 3.26 0.00	41.08 2.00 0.00
GOWANUS_GT1_4 24080	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.92 1.47 0.00	33.70 1.64 0.00	32.84 1.69 -0.06	36.88 1.71 -5.74	40.31 2.10 -0.76	43.33 2.46 0.00	44.61 2.72 -0.13	48.18 3.40 -0.13	80.49 5.43 -1.09	200.58 11.18 -6.17	214.41 14.50 -1.57	297.47 21.48 0.00	311.98 24.12 0.00	885.11 65.39 0.00	193.18 14.06 0.00	102.89 6.86 1.19	211.14 13.60 9.86	93.94 5.64 -0.05	47.54 3.26 0.00	41.08 2.00 0.00
GOWANUS_GT1_5 24084	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.92 1.47 0.00	33.70 1.64 0.00	32.84 1.69 -0.06	36.88 1.71 -5.74	40.31 2.10 -0.76	43.33 2.46 0.00	44.61 2.72 -0.13	48.18 3.40 -0.13	80.49 5.43 -1.09	200.58 11.18 -6.17	214.41 14.50 -1.57	297.47 21.48 0.00	311.98 24.12 0.00	885.11 65.39 0.00	193.18 14.06 0.00	102.89 6.86 1.19	211.14 13.60 9.86	93.94 5.64 -0.05	47.54 3.26 0.00	41.08 2.00 0.00
GOWANUS_GT1_6 24111	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.92 1.47 0.00	33.70 1.64 0.00	32.84 1.69 -0.06	36.88 1.71 -5.74	40.31 2.10 -0.76	43.33 2.46 0.00	44.61 2.72 -0.13	48.18 3.40 -0.13	80.49 5.43 -1.09	200.58 11.18 -6.17	214.41 14.50 -1.57	297.47 21.48 0.00	311.98 24.12 0.00	885.11 65.39 0.00	193.18 14.06 0.00	102.89 6.86 1.19	211.14 13.60 9.86	93.94 5.64 -0.05	47.54 3.26 0.00	41.08 2.00 0.00
GOWANUS_GT1_7 24112	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.92 1.47 0.00	33.70 1.64 0.00	32.84 1.69 -0.06	36.88 1.71 -5.74	40.31 2.10 -0.76	43.33 2.46 0.00	44.61 2.72 -0.13	48.18 3.40 -0.13	80.49 5.43 -1.09	200.58 11.18 -6.17	214.41 14.50 -1.57	297.47 21.48 0.00	311.98 24.12 0.00	885.11 65.39 0.00	193.18 14.06 0.00	102.89 6.86 1.19	211.14 13.60 9.86	93.94 5.64 -0.05	47.54 3.26 0.00	41.08 2.00 0.00
GOWANUS_GT1_8 24113	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.92 1.47 0.00	33.70 1.64 0.00	32.84 1.69 -0.06	36.88 1.71 -5.74	40.31 2.10 -0.76	43.33 2.46 0.00	44.61 2.72 -0.13	48.18 3.40 -0.13	80.49 5.43 -1.09	200.58 11.18 -6.17	214.41 14.50 -1.57	297.47 21.48 0.00	311.98 24.12 0.00	885.11 65.39 0.00	193.18 14.06 0.00	102.89 6.86 1.19	211.14 13.60 9.86	93.94 5.64 -0.05	47.54 3.26 0.00	41.08 2.00 0.00
GOWANUS_GT2_1 24114	37.55 2.00 -0.02	35.18 1.86 0.0																						

GOWANUS_GT3_1 24122	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.92 1.47 0.00	33.69 1.63 0.00	32.85 1.69 -0.06	36.88 1.70 -5.74	40.31 2.10 -0.76	43.33 2.46 0.00	44.61 2.72 -0.13	48.18 3.40 -0.13	80.50 5.44 -1.09	200.58 11.18 -6.17	214.41 14.51 -1.57	297.47 21.49 0.00	311.92 24.06 0.00	885.19 65.47 0.00	193.18 14.07 0.00	102.88 6.86 1.19	211.13 13.59 9.86	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
GOWANUS_GT3_2 24123	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.92 1.47 0.00	33.69 1.63 0.00	32.85 1.69 -0.06	36.88 1.70 -5.74	40.31 2.10 -0.76	43.33 2.46 0.00	44.61 2.72 -0.13	48.18 3.40 -0.13	80.50 5.44 -1.09	200.58 11.18 -6.17	214.41 14.51 -1.57	297.47 21.49 0.00	311.92 24.06 0.00	885.19 65.47 0.00	193.18 14.07 0.00	102.88 6.86 1.19	211.13 13.59 9.86	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
GOWANUS_GT3_3 24124	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.92 1.47 0.00	33.69 1.63 0.00	32.85 1.69 -0.06	36.88 1.70 -5.74	40.31 2.10 -0.76	43.33 2.46 0.00	44.61 2.72 -0.13	48.18 3.40 -0.13	80.50 5.44 -1.09	200.58 11.18 -6.17	214.41 14.51 -1.57	297.47 21.49 0.00	311.92 24.06 0.00	885.19 65.47 0.00	193.18 14.07 0.00	102.88 6.86 1.19	211.13 13.59 9.86	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
GOWANUS_GT3_4 24125	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.92 1.47 0.00	33.69 1.63 0.00	32.85 1.69 -0.06	36.88 1.70 -5.74	40.31 2.10 -0.76	43.33 2.46 0.00	44.61 2.72 -0.13	48.18 3.40 -0.13	80.50 5.44 -1.09	200.58 11.18 -6.17	214.41 14.51 -1.57	297.47 21.49 0.00	311.92 24.06 0.00	885.19 65.47 0.00	193.18 14.07 0.00	102.88 6.86 1.19	211.13 13.59 9.86	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
GOWANUS_GT3_5 24126	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.92 1.47 0.00	33.69 1.63 0.00	32.85 1.69 -0.06	36.88 1.70 -5.74	40.31 2.10 -0.76	43.33 2.46 0.00	44.61 2.72 -0.13	48.18 3.40 -0.13	80.50 5.44 -1.09	200.58 11.18 -6.17	214.41 14.51 -1.57	297.47 21.49 0.00	311.92 24.06 0.00	885.19 65.47 0.00	193.18 14.07 0.00	102.88 6.86 1.19	211.13 13.59 9.86	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
GOWANUS_GT3_6 24127	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.92 1.47 0.00	33.69 1.63 0.00	32.85 1.69 -0.06	36.88 1.70 -5.74	40.31 2.10 -0.76	43.33 2.46 0.00	44.61 2.72 -0.13	48.18 3.40 -0.13	80.50 5.44 -1.09	200.58 11.18 -6.17	214.41 14.51 -1.57	297.47 21.49 0.00	311.92 24.06 0.00	885.19 65.47 0.00	193.18 14.07 0.00	102.88 6.86 1.19	211.13 13.59 9.86	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
GOWANUS_GT3_7 24128	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.92 1.47 0.00	33.69 1.63 0.00	32.85 1.69 -0.06	36.88 1.70 -5.74	40.31 2.10 -0.76	43.33 2.46 0.00	44.61 2.72 -0.13	48.18 3.40 -0.13	80.50 5.44 -1.09	200.58 11.18 -6.17	214.41 14.51 -1.57	297.47 21.49 0.00	311.92 24.06 0.00	885.19 65.47 0.00	193.18 14.07 0.00	102.88 6.86 1.19	211.13 13.59 9.86	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
GOWANUS_GT3_8 24129	37.55 2.00 -0.02	35.18 1.86 0.0																						

GOWANUS_GT4_8 24137	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.48 0.00	33.73 1.67 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.64 2.74 -0.13	48.21 3.43 -0.13	80.54 5.48 -1.09	200.70 11.30 -6.17	214.42 14.51 -1.57	297.47 21.48 0.00	312.00 24.14 0.00	885.18 65.47 0.00	193.19 14.08 0.00	102.43 6.90 1.68	209.57 13.59 11.42	93.92 5.63 -0.05	47.54 3.26 0.00	41.08 2.00 0.00
GREENBSH_115KV_TB3 55895	35.87 0.36 0.02	33.74 0.43 0.00	27.88 0.49 0.00	27.05 0.44 0.00	28.91 0.46 0.00	32.44 0.38 0.00	31.26 0.23 0.06	31.06 0.28 -1.34	37.83 0.21 -0.18	41.02 0.14 0.00	41.77 0.15 0.15	44.72 0.20 0.14	72.57 -0.23 1.18	175.04 -1.48 6.71	196.43 -0.21 1.71	276.29 0.31 0.00	291.20 3.35 0.00	830.32 10.61 0.00	182.52 3.40 0.00	98.69 1.48 0.00	210.77 3.37 0.00	89.26 1.06 0.05	45.31 1.04 0.00	39.75 0.66 0.00
GREENDGE_115KV_TB5 80291	36.02 0.49 0.00	33.76 0.44 0.00	27.60 0.21 0.00	26.89 0.28 0.00	28.73 0.27 0.00	32.60 0.54 0.00	31.77 0.67 0.00	30.05 0.62 0.00	38.20 0.76 0.00	42.11 1.24 0.00	43.41 1.65 0.00	47.04 2.38 0.00	78.42 4.44 0.00	192.49 9.26 0.00	208.28 9.94 0.00	289.79 13.81 0.00	299.98 12.12 0.00	856.52 36.81 0.00	187.98 8.87 0.00	102.43 5.21 0.00	217.98 10.58 0.00	93.15 4.90 0.00	46.40 2.13 0.00	40.65 1.57 0.00
GREENIDGE___3 23582	36.02 0.49 0.00	33.76 0.44 0.00	27.60 0.21 0.00	26.89 0.28 0.00	28.73 0.27 0.00	32.60 0.54 0.00	31.77 0.67 0.00	30.05 0.62 0.00	38.20 0.76 0.00	42.11 1.24 0.00	43.41 1.65 0.00	47.04 2.38 0.00	78.42 4.44 0.00	192.49 9.26 0.00	208.28 9.94 0.00	289.79 13.81 0.00	299.98 12.12 0.00	856.52 36.81 0.00	187.98 8.87 0.00	102.43 5.21 0.00	217.98 10.58 0.00	93.15 4.90 0.00	46.40 2.13 0.00	40.65 1.57 0.00
GREENIDGE___4 23583	36.01 0.48 0.00	33.75 0.44 0.00	27.60 0.21 0.00	26.89 0.28 0.00	28.73 0.28 0.00	32.61 0.54 0.00	31.77 0.67 0.00	30.05 0.62 0.00	38.20 0.75 0.00	42.11 1.24 0.00	43.42 1.66 0.00	47.04 2.38 0.00	78.41 4.43 0.00	192.45 9.22 0.00	208.28 9.93 0.00	289.79 13.81 0.00	300.03 12.18 0.00	856.37 36.66 0.00	187.97 8.85 0.00	102.42 5.21 0.00	218.00 10.59 0.00	93.14 4.90 0.00	46.40 2.13 0.00	40.66 1.58 0.00
GREENLWN_69_KV_BK 3 55738	38.12 2.42 -0.17	35.55 2.23 0.00	29.09 1.70 0.00	28.08 1.47 0.00	30.05 1.60 0.00	34.08 2.01 0.00	33.20 2.05 -0.06	36.84 1.71 -5.70	40.08 1.88 -0.76	43.31 2.31 -0.13	44.82 2.95 -0.11	45.57 3.33 2.42	73.17 5.17 5.98	197.72 11.88 -2.61	235.36 15.43 -21.60	364.78 23.41 -65.39	413.96 27.42 -98.68	1069.77 76.44 -173.62	414.77 16.89 -218.76	315.23 8.40 -209.63	235.50 16.63 -11.48	242.88 7.04 -147.60	50.03 3.65 -2.11	41.60 2.45 -0.07
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.48 0.00	33.73 1.67 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.64 2.74 -0.13	48.21 3.43 -0.13	80.54 5.48 -1.09	200.74 11.34 -6.17	214.55 14.64 -1.57	297.58 21.60 0.00	312.07 24.21 0.00	885.39 65.68 0.00	193.25 14.13 0.00	102.47 6.93 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.08 2.00 0.00
GRISSOM___SOLAR 323813	39.21 3.70 0.02	36.64 3.33 0.00	30.06 2.67 0.00	29.18 2.57 0.00	31.20 2.75 0.00	35.29 3.23 0.00	34.33 3.28 0.05	33.45 2.98 -1.04	40.53 2.94 -0.14	43.71 2.84 0.00	44.26 2.61 0.11	46.87 2.32 0.10	78.38 5.28 0.88	190.09 11.88 5.02	209.00 11.94 1.28	294.64 18.66 0.00	308.10 20.24 0.00	909.11 89.39 0.00	204.97 25.85 0.00	111.75 14.54 0.00	238.70 31.30 0.00	101.10 12.89 0.04	49.64 5.37 0.00	43.27 4.19 0.00
GROVEVILLE___HYD 323602	37.38 1.84 -0.02	34.99 1.68 0.00	28.81 1.42 0.00	27.93 1.32 0.00	29.83 1.37 0.00	33.58 1.52 0.00	32.66 1.53 -0.04	32.89 1.69 -1.77	39.79 2.11 -0.23	43.37 2.50 0.00	44.70 2.84 -0.10	48.12 3.37 -0.10	79.99 5.19 -0.82	198.91 10.98 -4.70	213.36 13.83 -1.20	296.91 20.93 0.00	312.42 24.56 0.00	887.70 67.99 0.00	194.21 15.09 0.00	104.82 7.60 0.00	222.46 15.06 0.00	94.23 5.94 -0.04	47.47 3.20 0.00	41.14 2.06 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.91 0.39 0.00	33.64 0.32 0.00	27.58 0.19 0.00	26.80 0.19 0.00	28.65 0.20 0.00	32.36 0.30 0.00	31.41 0.32 0.00	29.73 0.30 0.00	37.86 0.41 0.00	41.48 0.60 0.00	42.48 0.72 0.00	45.59 0.93 0.00	44.38 1.59 31.19	186.33 3.10 0.00	201.65 3.31 0.00	280.82 4.84 0.00	292.69 4.83 0.00	831.97 12.25 0.00	182.20 3.08 0.00	99.06 1.85 0.00	211.55 4.15 0.00	90.11 1.87 0.00	45.14 0.87 0.00	39.72 0.64 0.00
HAMLTNNY_34_KV_TB 80303	35.99 0.47 0.00	33.71 0.39 0.00	27.60 0.21 0.00	26.86 0.24 0.00	28.71 0.26 0.00	32.45 0.39 0.00	31.51 0.41 0.00	29.86 0.42 0.00	38.05 0.60 0.00	41.77 0.89 0.00	42.88 1.12 0.00	46.18 1.53 0.00	49.93 2.64 26.68	188.90 5.67 0.00	204.32 5.97 0.00	284.48 8.50 0.00	296.11 8.25 0.00	841.82 22.10 0.00	184.29 5.17 0.00	100.22 3.00 0.00	214.03 6.63 0.00	91.10 2.85 0.00	45.47 1.20 0.00	39.93 0.84 0.00
HAMPSHIRE___PAPER_HYD 323593	35.51 -0.02 0.00	32.94 -0.37 0.00	26.86 -0.53 0.00	26.20 -0.41 0.00	28.06 -0.39 0.00	31.73 -0.33 0.00	30.96 -0.14 0.00	29.25 -0.19 0.00	37.20 -0.24 0.00	40.37 -0.51 0.00	40.90 -0.87 0.00	42.97 -1.68 0.00	-772.76 -3.44 843.29	176.47 -6.76 0.00	193.25 -5.09 0.00	267.47 -8.51 0.00	279.39 -8.46 0.00	793.05 -26.67 0.00	173.48 -5.64 0.00	94.66 -2.55 0.00	202.43 -4.97 0.00	86.26 -1.99 0.00	43.07 -1.20 0.00	38.15 -0.93 0.00
HARDSCRABBLE_WT_PWR 323673	35.33 -0.20 0.00	33.24 -0.08 0.00	27.50 0.11 0.00	26.68 0.07 0.00	28.52 0.07 0.00	32.07 0.01 0.00	31.06 -0.04 0.00	29.48 0.05 0.00	37.34 -0.11 0.00	40.66 -0.22 0.00	41.64 -0.12 0.00	44.74 0.08 0.00	37.40 -0.13 36.46	182.21 -1.02 0.00	197.91 -0.44 0.00	275.80 -0.18 0.00	290.35 2.49 0.00	830.62 10.90 0.00	183.31 4.19 0.00	99.46 2.25 0.00	211.77 4.37 0.00	89.52 1.27 0.00	45.09 0.82 0.00	39.55 0.46 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.05 1.50 -0.02	34.66 1.34 0.00	28.52 1.13 0.00	27.65 1.04 0.00	29.51 1.06 0.00	33.26 1.20 0.00	32.34 1.20 -0.05	24.89 1.22 5.77	38.15 1.47 0.77	42.70 1.83 0.00	44.02 2.15 -0.11	47.51 2.75 -0.11	79.48 4.60 -0.91	199.10 10.67 -5.19	213.13 13.47 -1.32	296.31 20.33 0.00	310.88 23.02 0.00	883.12 63.40 0.00	192.94 13.82 0.00	104.13 6.92 0.00	220.94 13.54 0.00	93.69 5.40 -0.04	47.15 2.88 0.00	40.87 1.78 0.00
HARSNRAD_115KV_TB1 81005	35.39 -0.14 0.00	33.09 -0.22 0.00	26.73 -0.67 0.00	26.10 -0.52 0.00	27.92 -0.53 0.00	31.76 -0.31 0.00	30.75 -0.35 0.00	28.73 -0.70 0.00	37.03 -0.42 0.00	41.16 0.29 0.00	42.79 1.03 0.00	46.85 2.19 0.00	77.93 3.96 0.00	190.20 6.97 0.00	203.20 4.86 0.00	281.10 5.12 0.00	288.22 -0.14 -0.50	821.95 2.24 0.00	179.66 0.54 0.00	97.93 0.72 0.00	208.26 0.85 0.00	90.96 2.71 0.00	45.57 1.30 0.00	40.23 1.15 0.00

HARZA MOOSE___RIVER 24016	36.27 0.75 0.00	33.71 0.39 0.00	27.59 0.20 0.00	26.94 0.33 0.00	28.89 0.44 0.00	32.69 0.62 0.00	31.80 0.70 0.00	30.08 0.65 0.00	38.28 0.83 0.00	41.80 0.93 0.00	42.58 0.82 0.00	45.30 0.64 0.00	-165.47 0.66 240.11	184.62 1.39 0.00	201.84 3.50 0.00	280.45 4.47 0.00	293.47 5.61 0.00	834.02 14.30 0.00	182.92 3.80 0.00	99.60 2.39 0.00	212.95 5.55 0.00	90.52 2.27 0.00	45.29 1.02 0.00	39.69 0.61 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.71 0.18 0.00	33.42 0.11 0.00	27.42 0.03 0.00	26.65 0.03 0.00	28.49 0.04 0.00	32.18 0.11 0.00	31.22 0.12 0.00	29.51 0.07 0.00	37.62 0.17 0.00	41.26 0.39 0.00	42.37 0.61 0.00	45.58 0.93 0.00	41.60 1.66 34.03	186.49 3.26 0.00	201.99 3.65 0.00	281.21 5.23 0.00	292.48 4.62 0.00	831.84 12.12 0.00	181.90 2.79 0.00	98.89 1.67 0.00	210.90 3.50 0.00	89.81 1.56 0.00	44.91 0.64 0.00	39.48 0.40 0.00
HELLGATE_13_KV_LD 55870	37.40 1.85 -0.02	35.02 1.71 0.00	28.82 1.43 0.00	27.90 1.29 0.00	29.79 1.34 0.00	33.56 1.50 0.00	32.71 1.56 -0.06	36.77 1.60 -5.74	40.16 1.95 -0.76	43.12 2.25 0.00	44.42 2.53 -0.13	47.90 3.11 -0.13	80.02 4.96 -1.08	200.36 10.96 -6.17	214.11 14.20 -1.57	296.96 20.97 0.00	311.66 23.80 0.00	885.14 65.42 0.00	193.15 14.03 0.00	103.10 6.93 1.04	213.85 13.52 7.07	93.77 5.48 -0.04	47.30 3.04 0.01	40.90 1.82 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.40 1.85 -0.02	35.02 1.71 0.00	28.82 1.43 0.00	27.90 1.29 0.00	29.79 1.34 0.00	33.56 1.50 0.00	32.71 1.56 -0.06	36.77 1.60 -5.74	40.16 1.95 -0.76	43.12 2.25 0.00	44.42 2.53 -0.13	47.90 3.11 -0.13	80.02 4.96 -1.08	200.36 10.96 -6.17	214.11 14.20 -1.57	296.96 20.97 0.00	311.66 23.80 0.00	885.14 65.42 0.00	193.15 14.03 0.00	103.10 6.93 1.04	213.85 13.52 7.07	93.77 5.48 -0.04	47.30 3.04 0.01	40.90 1.82 0.00
HEMPSTEAD____ 23647	38.00 2.30 -0.17	35.42 2.11 0.00	29.06 1.67 0.00	28.10 1.48 0.00	30.05 1.60 0.00	33.99 1.93 0.00	33.11 1.95 -0.06	36.82 1.69 -5.70	40.13 1.93 -0.76	43.32 2.32 -0.13	44.70 2.80 -0.14	48.08 3.30 -0.13	80.37 5.31 -1.08	215.10 12.17 -19.71	252.49 15.61 -38.54	365.05 23.69 -65.39	414.00 27.46 -98.68	1069.59 76.26 -173.62	414.56 16.69 -218.76	315.14 8.30 -209.63	237.17 16.02 -13.75	242.58 6.74 -147.60	53.20 3.57 -5.35	41.69 2.42 -0.18
HEWLETT__69_KV_BK3 55828	38.40 2.70 -0.17	35.76 2.45 0.00	29.31 1.92 0.00	28.34 1.73 0.00	30.31 1.86 0.00	34.30 2.24 0.00	33.41 2.25 -0.06	37.10 1.97 -5.70	40.41 2.21 -0.76	43.68 2.68 -0.13	45.23 3.34 -0.13	48.68 3.90 -0.13	81.35 6.29 -1.08	217.65 14.72 -19.71	254.45 17.57 -38.54	368.03 26.66 -65.39	417.69 31.15 -98.68	1080.24 86.91 -173.62	416.97 19.09 -218.76	316.40 9.56 -209.63	240.09 18.95 -13.74	243.73 7.88 -147.60	64.53 4.17 -16.09	42.12 2.85 -0.18
HICKLING___1 23621	36.12 0.59 0.00	33.68 0.37 0.00	27.46 0.07 0.00	26.74 0.13 0.00	28.57 0.12 0.00	32.50 0.44 0.00	31.72 0.62 0.00	29.99 0.56 0.00	38.37 0.92 0.00	42.34 1.46 0.00	43.63 1.87 0.00	47.32 2.66 0.00	79.08 5.10 0.00	193.34 10.11 0.00	209.71 11.37 0.00	291.79 15.81 0.00	300.82 12.96 0.00	856.77 37.05 0.00	187.85 8.73 0.00	102.21 5.00 0.00	217.85 10.45 0.00	93.13 4.88 0.00	46.55 2.28 0.00	40.86 1.78 0.00
HICKLING___2 23622	36.12 0.59 0.00	33.68 0.37 0.00	27.46 0.07 0.00	26.74 0.13 0.00	28.57 0.12 0.00	32.50 0.44 0.00	31.72 0.62 0.00	29.99 0.56 0.00	38.37 0.92 0.00	42.34 1.46 0.00	43.63 1.87 0.00	47.32 2.66 0.00	79.08 5.10 0.00	193.34 10.11 0.00	209.71 11.37 0.00	291.79 15.81 0.00	300.82 12.96 0.00	856.77 37.05 0.00	187.85 8.73 0.00	102.21 5.00 0.00	217.85 10.45 0.00	93.13 4.88 0.00	46.55 2.28 0.00	40.86 1.78 0.00
HIGH FALLS___HY 23754	37.09 1.55 -0.01	34.68 1.37 0.00	28.55 1.15 0.00	27.68 1.06 0.00	29.53 1.08 0.00	33.28 1.21 0.00	32.36 1.25 -0.02	30.70 1.26 0.00	39.01 1.56 0.00	42.77 1.90 0.00	44.05 2.23 -0.05	47.50 2.79 -0.05	78.84 4.42 -0.45	195.44 9.67 -2.54	211.63 12.65 -0.65	295.49 19.50 0.00	310.56 22.70 0.00	882.35 62.63 0.00	192.88 13.76 0.00	104.29 7.08 0.00	221.25 13.85 0.00	93.82 5.55 -0.02	47.06 2.79 0.00	40.78 1.70 0.00
HILLBURN___GT 23639	36.84 1.30 -0.02	34.48 1.16 0.00	28.38 0.99 0.00	27.52 0.91 0.00	29.36 0.91 0.00	33.09 1.03 0.00	32.18 1.04 -0.05	23.78 1.08 6.73	37.81 1.25 0.90	42.44 1.57 0.00	43.77 1.89 -0.12	47.25 2.48 -0.11	79.06 4.13 -0.95	198.04 9.41 -5.40	211.69 11.97 -1.37	294.06 18.08 0.00	308.26 20.40 0.00	875.73 56.01 0.00	191.24 12.12 0.00	103.18 5.97 0.00	218.90 11.50 0.00	92.91 4.62 -0.04	46.83 2.56 0.00	40.55 1.47 0.00
HILLSIDE_115KV_TB1 80332	35.51 -0.01 0.00	33.10 -0.21 0.00	27.02 -0.36 0.00	26.33 -0.28 0.00	28.14 -0.31 0.00	31.99 -0.07 0.00	31.22 0.12 0.00	29.53 0.10 0.00	37.75 0.30 0.00	41.61 0.73 0.00	42.82 1.06 0.00	46.36 1.70 0.00	77.39 3.41 0.00	188.89 5.66 0.00	205.32 6.98 0.00	285.77 9.79 0.00	294.86 7.00 0.00	838.60 18.89 0.00	183.78 4.66 0.00	99.89 2.68 0.00	213.17 5.77 0.00	91.00 2.75 0.00	45.54 1.26 0.00	39.98 0.90 0.00
HISHELDN_WT_PWR 323625	35.59 0.07 0.00	33.32 0.00 0.00	27.01 -0.38 0.00	26.34 -0.27 0.00	28.18 -0.27 0.00	32.08 0.01 0.00	31.14 0.05 0.00	29.24 -0.19 0.00	37.69 0.24 0.00	41.92 1.05 0.00	43.48 1.72 0.00	47.50 2.84 0.00	79.25 5.27 0.00	193.12 9.89 0.00	207.45 9.11 0.00	287.34 11.36 0.00	294.84 6.82 -0.16	840.89 21.18 0.00	183.70 4.58 0.00	100.17 2.96 0.00	213.27 5.87 0.00	92.50 4.25 0.00	46.24 1.97 0.00	40.70 1.62 0.00
HOLTSVILLE_IC_1 23690	38.66 2.96 -0.17	36.01 2.69 0.00	29.45 2.06 0.00	28.39 1.78 0.00	30.41 1.96 0.00	34.51 2.45 0.00	33.63 2.48 -0.06	37.21 2.09 -5.70	40.54 2.34 -0.76	43.61 2.61 -0.13	45.39 3.37 -0.26	59.78 3.75 -11.38	112.02 5.77 -32.27	272.07 12.22 -76.62	286.75 15.45 -72.96	365.09 23.72 -65.39	414.40 27.86 -98.68	1069.51 76.18 -173.62	414.42 16.54 -218.76	315.73 8.89 -209.63	243.88 18.12 -18.37	243.79 7.95 -147.60	50.42 4.20 -1.95	42.74 2.97 -0.69
HOLTSVILLE_IC_10 23699	38.98 3.29 -0.17	36.30 2.99 0.00	29.68 2.29 0.00	28.61 2.00 0.00	30.64 2.19 0.00	34.78 2.73 0.00	33.91 2.76 -0.06	37.50 2.37 -5.70	40.93 2.73 -0.76	44.06 3.06 -0.13	45.90 3.87 -0.26	61.19 4.29 -12.24	115.37 6.73 -34.67	281.44 14.11 -84.11	298.07 17.37 -82.37	367.75 26.38 -65.39	417.24 30.69 -98.69	1077.38 84.05 -173.62	415.77 17.89 -218.76	316.89 10.05 -209.63	247.70 20.67 -19.63	244.87 9.03 -147.60	51.00 4.72 -2.01	43.23 3.42 -0.72
HOLTSVILLE_IC_2 23691	38.66 2.96 -0.17	36.01 2.69 0.00	29.45 2.06 0.00	28.39 1.78 0.00	30.41 1.96 0.00	34.51 2.45 0.00	33.63 2.48 -0.06	37.21 2.09 -5.70	40.54 2.34 -0.76	43.61 2.61 -0.13	45.39 3.37 -0.26	59.78 3.75 -11.38	112.02 5.77 -32.27	272.07 12.22 -76.62	286.75 15.45 -72.96	365.09 23.72 -65.39	414.40 27.86 -98.68	1069.51 76.18 -173.62	414.42 16.54 -218.76	315.73 8.89 -209.63	243.88 18.12 -18.37	243.79 7.95 -147.60	50.42 4.20 -1.95	42.74 2.97 -0.69

HOLTSVILLE_IC_3 23692	38.66 2.96 -0.17	36.01 2.69 0.00	29.45 2.06 0.00	28.39 1.78 0.00	30.41 1.96 0.00	34.51 2.45 0.00	33.63 2.48 -0.06	37.21 2.09 -5.70	40.54 2.34 -0.76	43.61 2.61 -0.13	45.39 3.37 -0.26	59.78 3.75 -11.38	112.02 5.77 -32.27	272.07 12.22 -76.62	286.75 15.45 -72.96	365.09 23.72 -65.39	414.40 27.86 -98.68	1069.51 76.18 -173.62	414.42 16.54 -218.76	315.73 8.89 -209.63	243.88 18.12 -18.37	243.79 7.95 -147.60	50.42 4.20 -1.95	42.74 2.97 -0.69
HOLTSVILLE_IC_4 23693	38.66 2.96 -0.17	36.01 2.69 0.00	29.45 2.06 0.00	28.39 1.78 0.00	30.41 1.96 0.00	34.51 2.45 0.00	33.63 2.48 -0.06	37.21 2.09 -5.70	40.54 2.34 -0.76	43.61 2.61 -0.13	45.39 3.37 -0.26	59.78 3.75 -11.38	112.02 5.77 -32.27	272.07 12.22 -76.62	286.75 15.45 -72.96	365.09 23.72 -65.39	414.40 27.86 -98.68	1069.51 76.18 -173.62	414.42 16.54 -218.76	315.73 8.89 -209.63	243.88 18.12 -18.37	243.79 7.95 -147.60	50.42 4.20 -1.95	42.74 2.97 -0.69
HOLTSVILLE_IC_5 23694	38.66 2.96 -0.17	36.01 2.69 0.00	29.45 2.06 0.00	28.39 1.78 0.00	30.41 1.96 0.00	34.51 2.45 0.00	33.63 2.48 -0.06	37.21 2.09 -5.70	40.54 2.34 -0.76	43.61 2.61 -0.13	45.39 3.37 -0.26	59.78 3.75 -11.38	112.02 5.77 -32.27	272.07 12.22 -76.62	286.75 15.45 -72.96	365.09 23.72 -65.39	414.40 27.86 -98.68	1069.51 76.18 -173.62	414.42 16.54 -218.76	315.73 8.89 -209.63	243.88 18.12 -18.37	243.79 7.95 -147.60	50.42 4.20 -1.95	42.74 2.97 -0.69
HOLTSVILLE_IC_6 23695	38.98 3.29 -0.17	36.30 2.99 0.00	29.68 2.29 0.00	28.61 2.00 0.00	30.64 2.19 0.00	34.78 2.73 0.00	33.91 2.76 -0.06	37.50 2.37 -5.70	40.93 2.73 -0.76	44.06 3.06 -0.13	45.90 3.87 -0.26	61.19 4.29 -12.24	115.37 6.73 -34.67	281.44 14.11 -84.11	298.07 17.37 -82.37	367.75 26.38 -65.39	417.24 30.69 -98.69	1077.38 84.05 -173.62	415.77 17.89 -218.76	316.89 10.05 -209.63	247.70 20.67 -19.63	244.87 9.03 -147.60	51.00 4.72 -2.01	43.23 3.42 -0.72
HOLTSVILLE_IC_7 23696	38.98 3.29 -0.17	36.30 2.99 0.00	29.68 2.29 0.00	28.61 2.00 0.00	30.64 2.19 0.00	34.78 2.73 0.00	33.91 2.76 -0.06	37.50 2.37 -5.70	40.93 2.73 -0.76	44.06 3.06 -0.13	45.90 3.87 -0.26	61.19 4.29 -12.24	115.37 6.73 -34.67	281.44 14.11 -84.11	298.07 17.37 -82.37	367.75 26.38 -65.39	417.24 30.69 -98.69	1077.38 84.05 -173.62	415.77 17.89 -218.76	316.89 10.05 -209.63	247.70 20.67 -19.63	244.87 9.03 -147.60	51.00 4.72 -2.01	43.23 3.42 -0.72
HOLTSVILLE_IC_8 23697	38.98 3.29 -0.17	36.30 2.99 0.00	29.68 2.29 0.00	28.61 2.00 0.00	30.64 2.19 0.00	34.78 2.73 0.00	33.91 2.76 -0.06	37.50 2.37 -5.70	40.93 2.73 -0.76	44.06 3.06 -0.13	45.90 3.87 -0.26	61.19 4.29 -12.24	115.37 6.73 -34.67	281.44 14.11 -84.11	298.07 17.37 -82.37	367.75 26.38 -65.39	417.24 30.69 -98.69	1077.38 84.05 -173.62	415.77 17.89 -218.76	316.89 10.05 -209.63	247.70 20.67 -19.63	244.87 9.03 -147.60	51.00 4.72 -2.01	43.23 3.42 -0.72
HOLTSVILLE_IC_9 23698	38.98 3.29 -0.17	36.30 2.99 0.00	29.68 2.29 0.00	28.61 2.00 0.00	30.64 2.19 0.00	34.78 2.73 0.00	33.91 2.76 -0.06	37.50 2.37 -5.70	40.93 2.73 -0.76	44.06 3.06 -0.13	45.90 3.87 -0.26	61.19 4.29 -12.24	115.37 6.73 -34.67	281.44 14.11 -84.11	298.07 17.37 -82.37	367.75 26.38 -65.39	417.24 30.69 -98.69	1077.38 84.05 -173.62	415.77 17.89 -218.76	316.89 10.05 -209.63	247.70 20.67 -19.63	244.87 9.03 -147.60	51.00 4.72 -2.01	43.23 3.42 -0.72
HOMER_HL_115KV_TB2 355744	35.95 0.42 0.00	33.51 0.20 0.00	27.17 -0.22 0.00	26.54 -0.08 0.00	28.42 -0.03 0.00	32.45 0.38 0.00	31.57 0.48 0.00	29.70 0.27 0.00	38.15 0.70 0.00	42.39 1.51 0.00	43.56 1.80 0.00	47.48 2.82 0.00	79.05 5.07 0.00	192.67 9.44 0.00	207.29 8.95 0.00	287.59 11.60 0.00	292.80 4.68 -0.25	833.16 13.44 0.00	181.83 2.71 0.00	99.25 2.04 0.00	211.70 4.30 0.00	91.41 3.16 0.00	45.80 1.53 0.00	40.17 1.09 0.00
HOWARD_WT_PWR 323690	35.61 0.08 0.00	33.28 -0.04 0.00	27.11 -0.28 0.00	26.39 -0.22 0.00	28.22 -0.23 0.00	32.12 0.06 0.00	31.28 0.18 0.00	29.53 0.09 0.00	38.01 0.56 0.00	42.30 1.43 0.00	43.88 2.12 0.00	47.76 3.10 0.00	79.93 5.95 0.00	195.06 11.83 0.00	210.50 12.17 0.00	291.84 15.85 0.00	300.60 12.63 -0.11	857.71 37.99 0.00	187.80 8.68 0.00	102.60 5.38 0.00	218.27 10.87 0.00	94.34 6.09 0.00	47.05 2.77 0.00	41.26 2.17 0.00
HQ_GEN_CEDARS 23644	35.13 -0.40 0.00	32.89 -0.42 0.00	26.93 -0.46 0.00	26.18 -0.44 0.00	27.98 -0.47 0.00	31.56 -0.50 0.00	30.71 -0.38 0.00	29.05 -0.39 0.00	36.96 -0.49 0.00	40.03 -0.85 0.00	40.57 -1.19 0.00	42.36 -2.30 0.00	-1669.49 -4.11 1739.36	177.19 -6.04 0.00	191.55 -6.79 0.00	265.55 -10.43 0.00	276.00 -11.86 0.00	787.05 -32.67 0.00	171.58 -7.54 0.00	93.19 -4.02 0.00	197.07 -10.33 0.00	84.04 -4.21 0.00	42.11 -2.17 0.00	37.90 -1.19 0.00
HQ_GEN_CEDARS_PROXY 323590	35.13 -0.40 0.00	32.89 -0.42 0.00	26.46 -0.46 0.46	26.17 -0.44 0.00	27.98 -0.47 0.00	31.56 -0.50 0.00	30.71 -0.38 0.00	29.05 -0.39 0.00	36.96 -0.49 0.00	40.02 -0.85 0.00	40.57 -1.19 0.00	42.36 -2.30 0.00	-1668.52 -4.11 1738.39	177.19 -6.03 0.00	191.56 -6.79 0.00	265.55 -10.43 0.00	276.03 -11.83 0.00	786.95 -32.77 0.00	171.58 -7.53 0.00	93.19 -4.02 0.00	197.08 -10.32 0.00	84.04 -4.21 0.00	42.11 -2.17 0.00	37.90 -1.19 0.00
HQ_GEN_IMPORT 323601	35.13 -0.40 0.00	33.57 -0.36 -0.62	26.82 -0.34 0.24	26.29 -0.32 0.00	28.12 -0.33 0.00	31.69 -0.37 0.00	30.77 -0.32 0.00	29.13 -0.31 0.00	37.06 -0.39 0.00	40.25 -0.62 0.00	40.91 -0.85 0.00	42.81 -1.27 0.59	132.68 -1.91 -60.61	176.48 -3.37 3.38	193.89 -4.45 0.00	269.25 -6.73 0.00	280.11 -7.75 0.00	763.65 -20.97 35.08	173.98 -5.14 0.00	94.47 -2.74 0.00	201.48 -5.92 0.00	85.74 -2.51 0.00	42.90 -1.37 0.00	41.29 -0.83 -3.03
HQ_GEN_WHEEL 23651	35.13 -0.40 0.00	33.57 -0.36 -0.62	26.82 -0.34 0.24	26.29 -0.32 0.00	28.12 -0.33 0.00	31.69 -0.37 0.00	30.77 -0.32 0.00	29.13 -0.31 0.00	37.06 -0.39 0.00	40.25 -0.62 0.00	40.91 -0.85 0.00	42.81 -1.27 0.59	132.68 -1.91 -60.61	176.48 -3.37 3.38	193.89 -4.45 0.00	269.25 -6.73 0.00	280.11 -7.75 0.00	763.65 -20.97 35.08	173.98 -5.14 0.00	94.47 -2.74 0.00	201.48 -5.92 0.00	85.74 -2.51 0.00	42.90 -1.37 0.00	41.29 -0.83 -3.03
HUDSON_AVE_GT_3 23810	37.43 1.88 -0.02	35.06 1.74 0.00	28.86 1.46 0.00	27.95 1.33 0.00	29.83 1.37 0.00	33.62 1.56 0.00	32.74 1.59 -0.06	36.80 1.63 -5.74	40.15 1.94 -0.76	43.20 2.32 0.00	44.58 2.69 -0.13	48.09 3.31 -0.13	80.52 5.46 -1.08	201.74 12.34 -6.17	215.59 15.67 -1.57	299.23 23.25 0.00	314.38 26.52 0.00	892.54 72.82 0.00	194.77 15.65 0.00	104.97 7.76 0.00	222.70 15.30 0.00	94.52 6.22 -0.05	47.65 3.38 0.00	41.18 2.10 0.00
HUDSON_AVE_GT_4 23540	37.43 1.88 -0.02	35.06 1.74 0.00	28.86 1.46 0.00	27.95 1.33 0.00	29.83 1.37 0.00	33.62 1.56 0.00	32.74 1.59 -0.06	36.80 1.63 -5.74	40.15 1.94 -0.76	43.20 2.32 0.00	44.58 2.69 -0.13	48.09 3.31 -0.13	80.52 5.46 -1.08	201.74 12.34 -6.17	215.59 15.67 -1.57	299.23 23.25 0.00	314.38 26.52 0.00	892.54 72.82 0.00	194.77 15.65 0.00	104.97 7.76 0.00	222.70 15.30 0.00	94.52 6.22 -0.05	47.65 3.38 0.00	41.18 2.10 0.00

HUDSON_AVE_GT_5 23657	37.43 1.88 -0.02	35.06 1.74 0.00	28.86 1.46 0.00	27.95 1.33 0.00	29.83 1.37 0.00	33.62 1.56 0.00	32.74 1.59 -0.06	36.80 1.63 -5.74	40.15 1.94 -0.76	43.20 2.32 0.00	44.58 2.69 -0.13	48.09 3.31 -0.13	80.52 5.46 -1.08	201.74 12.34 -6.17	215.59 15.67 -1.57	299.23 23.25 0.00	314.38 26.52 0.00	892.54 72.82 0.00	194.77 15.65 0.00	104.97 7.76 0.00	222.70 15.30 0.00	94.52 6.22 -0.05	47.65 3.38 0.00	41.18 2.10 0.00
HUDSON_AVE_10 24168	37.25 1.70 -0.02	34.89 1.57 0.00	28.72 1.33 0.00	27.81 1.20 0.00	29.68 1.23 0.00	33.45 1.39 0.00	32.59 1.44 -0.06	36.66 1.48 -5.74	40.00 1.79 -0.76	43.01 2.14 0.00	44.38 2.48 -0.13	47.90 3.12 -0.13	80.21 5.15 -1.08	201.05 11.65 -6.17	214.85 14.93 -1.57	298.30 22.32 0.00	313.39 25.54 0.00	889.43 69.72 0.00	194.14 15.02 0.00	104.63 7.41 0.00	222.07 14.67 0.00	94.25 5.95 -0.05	47.53 3.26 0.00	41.07 1.99 0.00
HUDSON___115KV_TB 4 355613	36.71 1.20 0.02	34.50 1.19 0.00	28.49 1.10 0.00	27.63 1.02 0.00	29.54 1.09 0.00	33.17 1.11 0.00	32.04 0.99 0.04	31.65 1.04 -1.17	38.66 1.06 -0.16	41.69 0.82 0.00	42.41 0.75 0.10	45.31 0.75 0.10	73.92 0.78 0.84	179.85 1.39 4.77	200.21 3.08 1.21	280.97 4.99 0.00	296.61 8.75 0.00	848.55 28.84 0.00	187.20 8.08 0.00	101.55 4.33 0.00	216.88 9.48 0.00	91.92 3.71 0.04	46.52 2.25 0.00	40.73 1.65 0.00
HUNTER MOUNT___DRP 323613	36.99 1.47 0.01	34.75 1.43 0.00	28.70 1.31 0.00	27.85 1.23 0.00	29.77 1.32 0.00	33.43 1.37 0.00	32.31 1.24 0.03	31.72 1.29 -1.00	38.91 1.33 -0.13	41.91 1.04 0.00	42.60 0.91 0.07	45.42 0.83 0.07	74.35 0.94 0.56	182.20 2.18 3.21	201.29 3.76 0.82	281.54 5.56 0.00	297.84 9.98 0.00	853.25 33.53 0.00	188.62 9.50 0.00	102.43 5.22 0.00	218.92 11.52 0.00	92.76 4.54 0.03	46.95 2.68 0.00	41.16 2.08 0.00
HUNTINGTON_RES_REC 323705	38.58 2.88 -0.17	35.95 2.63 0.00	29.39 2.00 0.00	28.35 1.73 0.00	30.35 1.90 0.00	34.43 2.37 0.00	33.55 2.40 -0.06	37.17 2.04 -5.70	40.51 2.31 -0.76	43.73 2.73 -0.13	45.64 3.45 -0.43	77.81 3.85 -29.30	162.01 6.03 -82.00	390.38 13.71 -193.44	400.27 17.44 -184.49	367.77 26.39 -65.40	417.12 30.57 -98.69	1078.75 85.42 -173.62	416.63 18.75 -218.76	316.49 9.64 -209.64	260.01 19.28 -33.32	244.07 8.22 -147.60	50.51 4.23 -2.01	43.52 2.96 -1.48
HUNTLEY___63 23557	35.96 0.44 0.00	33.61 0.30 0.00	27.14 -0.25 0.00	26.50 -0.11 0.00	28.36 -0.09 0.00	32.25 0.19 0.00	31.26 0.16 0.00	29.20 -0.24 0.00	37.68 0.23 0.00	41.92 1.05 0.00	43.67 1.91 0.00	47.77 3.11 0.00	79.50 5.52 0.00	194.76 11.54 0.00	208.72 10.38 0.00	288.61 12.63 0.00	297.67 7.49 -2.33	843.15 23.43 0.00	184.26 5.14 0.00	100.24 3.02 0.00	212.99 5.59 0.00	92.86 4.61 0.00	46.43 2.16 0.00	40.92 1.84 0.00
HUNTLEY___64 23558	35.96 0.44 0.00	33.61 0.30 0.00	27.14 -0.25 0.00	26.50 -0.11 0.00	28.36 -0.09 0.00	32.25 0.19 0.00	31.26 0.16 0.00	29.20 -0.24 0.00	37.68 0.23 0.00	41.92 1.05 0.00	43.67 1.91 0.00	47.77 3.11 0.00	79.50 5.52 0.00	194.76 11.54 0.00	208.72 10.38 0.00	288.61 12.63 0.00	297.67 7.49 -2.33	843.15 23.43 0.00	184.26 5.14 0.00	100.24 3.02 0.00	212.99 5.59 0.00	92.86 4.61 0.00	46.43 2.16 0.00	40.92 1.84 0.00
HUNTLEY___65 23559	35.96 0.44 0.00	33.61 0.30 0.00	27.14 -0.25 0.00	26.50 -0.11 0.00	28.36 -0.09 0.00	32.25 0.19 0.00	31.26 0.16 0.00	29.20 -0.24 0.00	37.68 0.23 0.00	41.92 1.05 0.00	43.67 1.91 0.00	47.77 3.11 0.00	79.50 5.52 0.00	194.76 11.54 0.00	208.72 10.38 0.00	288.61 12.63 0.00	297.67 7.49 -2.33	843.15 23.43 0.00	184.26 5.14 0.00	100.24 3.02 0.00	212.99 5.59 0.00	92.86 4.61 0.00	46.43 2.16 0.00	40.92 1.84 0.00
HUNTLEY___66 23560	35.96 0.44 0.00	33.61 0.30 0.00	27.14 -0.25 0.00	26.50 -0.11 0.00	28.36 -0.09 0.00	32.25 0.19 0.00	31.26 0.16 0.00	29.20 -0.24 0.00	37.68 0.23 0.00	41.92 1.05 0.00	43.67 1.91 0.00	47.77 3.11 0.00	79.50 5.52 0.00	194.76 11.54 0.00	208.72 10.38 0.00	288.61 12.63 0.00	297.67 7.49 -2.33	843.15 23.43 0.00	184.26 5.14 0.00	100.24 3.02 0.00	212.99 5.59 0.00	92.86 4.61 0.00	46.43 2.16 0.00	40.92 1.84 0.00
HUNTLEY___67 23561	35.58 0.05 0.00	33.28 -0.04 0.00	26.90 -0.49 0.00	26.27 -0.34 0.00	28.11 -0.34 0.00	31.96 -0.10 0.00	30.97 -0.12 0.00	29.01 -0.43 0.00	37.41 -0.04 0.00	41.58 0.71 0.00	43.19 1.43 0.00	47.26 2.61 0.00	78.86 4.89 0.00	192.33 9.10 0.00	205.90 7.56 0.00	285.05 9.06 0.00	291.77 3.91 0.00	832.80 13.08 0.00	181.70 2.58 0.00	99.01 1.79 0.00	210.56 3.16 0.00	91.71 3.46 0.00	45.89 1.61 0.00	40.46 1.38 0.00
HUNTLEY___68 23562	35.58 0.05 0.00	33.28 -0.04 0.00	26.90 -0.49 0.00	26.27 -0.34 0.00	28.11 -0.34 0.00	31.96 -0.10 0.00	30.97 -0.12 0.00	29.01 -0.43 0.00	37.41 -0.04 0.00	41.58 0.71 0.00	43.19 1.43 0.00	47.26 2.61 0.00	78.86 4.89 0.00	192.33 9.10 0.00	205.90 7.56 0.00	285.05 9.06 0.00	291.77 3.91 0.00	832.80 13.08 0.00	181.70 2.58 0.00	99.01 1.79 0.00	210.56 3.16 0.00	91.71 3.46 0.00	45.89 1.61 0.00	40.46 1.38 0.00
HYLAND___LFGE 323620	37.70 2.18 0.00	35.19 1.88 0.00	28.57 1.18 0.00	27.86 1.25 0.00	29.78 1.33 0.00	33.72 1.66 0.00	32.43 1.34 0.00	30.46 1.02 0.00	38.64 1.19 0.00	41.90 1.02 0.00	43.29 1.52 0.00	46.48 1.82 0.00	75.80 1.82 0.00	178.82 -4.41 0.00	192.29 -6.05 0.00	263.96 -12.02 0.00	272.30 -15.56 0.00	777.42 -42.29 0.00	174.66 -4.46 0.00	97.65 0.44 0.00	209.13 1.73 0.00	96.32 8.07 0.00	48.14 3.87 0.00	42.15 3.06 0.00
INDECK___CORINTH 23802	37.29 1.79 0.02	34.95 1.63 0.00	28.81 1.42 0.00	27.95 1.34 0.00	29.94 1.49 0.00	33.61 1.55 0.00	32.47 1.44 0.07	32.15 1.44 -1.28	39.44 1.82 -0.17	42.81 1.94 0.00	43.70 2.10 0.16	47.00 2.49 0.15	76.65 3.93 1.26	185.49 9.47 7.21	207.33 10.82 1.83	292.26 16.28 0.00	305.10 17.24 0.00	871.23 51.52 0.00	192.52 13.41 0.00	103.59 6.37 0.00	221.25 13.85 0.00	93.70 5.51 0.06	47.35 3.08 0.00	41.48 2.39 0.00
INDECK___ILION 23567	35.55 0.03 0.00	33.37 0.06 0.00	27.52 0.13 0.00	26.73 0.11 0.00	28.56 0.11 0.00	32.15 0.09 0.00	31.16 0.07 0.00	29.54 0.10 0.00	37.49 0.04 0.00	40.88 0.01 0.00	41.83 0.07 0.00	44.87 0.22 0.00	37.71 0.19 36.46	183.16 -0.07 0.00	198.84 0.50 0.00	277.09 1.11 0.00	290.74 2.88 0.00	829.98 10.26 0.00	182.47 3.35 0.00	99.03 1.82 0.00	211.26 3.86 0.00	89.57 1.32 0.00	45.00 0.73 0.00	39.51 0.43 0.00
INDECK___OLEAN 23982	35.95 0.42 0.00	33.51 0.20 0.00	27.17 -0.22 0.00	26.54 -0.08 0.00	28.42 -0.03 0.00	32.46 0.40 0.00	31.57 0.48 0.00	29.70 0.27 0.00	38.14 0.70 0.00	42.39 1.51 0.00	43.57 1.81 0.00	47.47 2.82 0.00	79.04 5.06 0.00	192.59 9.36 0.00	207.30 8.96 0.00	287.62 11.64 0.00	292.95 4.83 -0.25	832.78 13.07 0.00	181.83 2.71 0.00	99.26 2.05 0.00	211.80 4.40 0.00	91.40 3.15 0.00	45.80 1.53 0.00	40.20 1.12 0.00



INDECK___OSWEGO 23783	35.34 -0.18 0.00	33.07 -0.24 0.00	27.14 -0.25 0.00	26.39 -0.22 0.00	28.22 -0.23 0.00	31.87 -0.18 0.00	30.95 -0.15 0.00	29.27 -0.16 0.00	37.28 -0.17 0.00	40.84 -0.03 0.00	41.87 0.11 0.00	44.95 0.29 0.00	18.56 0.43 55.86	183.47 0.24 0.00	198.76 0.43 0.00	276.57 0.59 0.00	287.97 0.11 0.00	816.72 -3.00 0.00	178.64 -0.48 0.00	97.29 0.08 0.00	207.98 0.58 0.00	88.54 0.29 0.00	44.25 -0.02 0.00	38.91 -0.17 0.00
INDECK___YERKES 23781	36.00 0.48 0.00	33.65 0.34 0.00	27.18 -0.22 0.00	26.53 -0.08 0.00	28.40 -0.05 0.00	32.30 0.24 0.00	31.30 0.21 0.00	29.24 -0.19 0.00	37.73 0.28 0.00	41.99 1.11 0.00	43.72 1.96 0.00	47.82 3.16 0.00	79.51 5.53 0.00	194.93 11.70 0.00	209.08 10.74 0.00	288.98 13.00 0.00	298.22 8.03 -2.33	844.49 24.78 0.00	184.58 5.46 0.00	100.37 3.16 0.00	213.35 5.96 0.00	93.00 4.75 0.00	46.50 2.23 0.00	41.00 1.92 0.00
INDIAN POINT_GT_1 24139	37.01 1.46 -0.02	34.65 1.34 0.00	28.53 1.14 0.00	27.65 1.04 0.00	29.51 1.06 0.00	33.25 1.19 0.00	32.34 1.19 -0.06	37.33 1.22 -6.67	39.79 1.45 -0.89	42.64 1.77 0.00	43.98 2.09 -0.13	47.41 2.63 -0.12	79.33 4.30 -1.06	198.95 9.69 -6.03	212.27 12.40 -1.53	294.67 18.69 0.00	309.44 21.59 0.00	878.95 59.23 0.00	192.12 13.00 0.00	103.65 6.43 0.00	220.04 12.64 0.00	93.38 5.08 -0.05	47.06 2.79 0.00	40.78 1.69 0.00
INDIAN POINT_GT_2 23659	37.01 1.46 -0.02	34.65 1.34 0.00	28.53 1.14 0.00	27.65 1.04 0.00	29.51 1.06 0.00	33.25 1.19 0.00	32.34 1.19 -0.06	37.33 1.22 -6.67	39.79 1.45 -0.89	42.64 1.77 0.00	43.98 2.09 -0.13	47.41 2.63 -0.12	79.33 4.30 -1.06	198.95 9.69 -6.03	212.27 12.40 -1.53	294.67 18.69 0.00	309.44 21.59 0.00	878.95 59.23 0.00	192.12 13.00 0.00	103.65 6.43 0.00	220.04 12.64 0.00	93.38 5.08 -0.05	47.06 2.79 0.00	40.78 1.69 0.00
INDIAN POINT_GT_3 24019	37.01 1.46 -0.02	34.65 1.34 0.00	28.53 1.14 0.00	27.65 1.04 0.00	29.51 1.06 0.00	33.25 1.19 0.00	32.34 1.19 -0.06	37.33 1.22 -6.67	39.79 1.45 -0.89	42.64 1.77 0.00	43.98 2.09 -0.13	47.41 2.63 -0.12	79.33 4.30 -1.06	198.95 9.69 -6.03	212.27 12.40 -1.53	294.67 18.69 0.00	309.44 21.59 0.00	878.95 59.23 0.00	192.12 13.00 0.00	103.65 6.43 0.00	220.04 12.64 0.00	93.38 5.08 -0.05	47.06 2.79 0.00	40.78 1.69 0.00
INDIAN POINT___2 23530	36.97 1.42 -0.02	34.60 1.28 0.00	28.49 1.10 0.00	27.61 1.00 0.00	29.47 1.02 0.00	33.21 1.15 0.00	32.30 1.15 -0.05	39.45 1.18 -8.84	40.00 1.38 -1.17	42.57 1.69 0.00	43.91 2.02 -0.13	47.33 2.56 -0.12	79.19 4.20 -1.02	198.49 9.47 -5.79	211.91 12.09 -1.47	294.16 18.17 0.00	308.78 20.93 0.00	876.98 57.26 0.00	191.71 12.59 0.00	103.41 6.20 0.00	219.49 12.09 0.00	93.17 4.87 -0.05	46.97 2.70 0.00	40.69 1.61 0.00
INDIAN POINT___3 23531	36.94 1.40 -0.02	34.59 1.28 0.00	28.49 1.10 0.00	27.62 1.01 0.00	29.47 1.02 0.00	33.20 1.14 0.00	32.29 1.14 -0.06	37.43 1.17 -6.83	39.73 1.38 -0.91	42.56 1.69 0.00	43.89 2.00 -0.13	47.30 2.52 -0.12	79.14 4.11 -1.06	198.43 9.16 -6.04	211.77 11.90 -1.54	293.84 17.86 0.00	308.54 20.69 0.00	876.49 56.77 0.00	191.60 12.48 0.00	103.37 6.16 0.00	219.48 12.08 0.00	93.14 4.84 -0.05	46.96 2.69 0.00	40.70 1.61 0.00
INGHAM_C_115KV_TB7 356103	35.24 -0.28 0.00	33.16 -0.15 0.00	27.45 0.06 0.00	26.63 0.01 0.00	28.45 0.00 0.00	31.96 -0.10 0.00	30.93 -0.16 0.00	29.39 -0.05 0.00	37.17 -0.28 0.00	40.41 -0.46 0.00	41.38 -0.37 0.00	44.50 -0.16 0.00	36.96 -0.56 36.46	181.02 -2.21 0.00	196.83 -1.51 0.00	274.61 -1.37 0.00	290.06 2.20 0.00	830.89 11.18 0.00	183.98 4.86 0.00	99.97 2.76 0.00	213.12 5.72 0.00	89.97 1.72 0.00	45.26 0.99 0.00	39.61 0.52 0.00
IP CORINTH___1 23988	37.49 1.99 0.02	35.14 1.82 0.00	28.96 1.57 0.00	28.10 1.48 0.00	30.09 1.64 0.00	33.79 1.73 0.00	32.65 1.62 0.07	32.32 1.61 -1.28	39.65 2.03 -0.17	43.05 2.18 0.00	43.95 2.35 0.16	47.27 2.76 0.15	77.10 4.39 1.26	186.57 10.55 7.21	208.52 12.01 1.83	293.92 17.94 0.00	306.85 18.99 0.00	876.08 56.37 0.00	193.60 14.48 0.00	104.17 6.96 0.00	222.45 15.05 0.00	94.21 6.02 0.06	47.62 3.34 0.00	41.70 2.62 0.00
IP___TICONDEROGA 23804	40.03 4.53 0.02	37.37 4.05 0.00	30.72 3.33 0.00	29.82 3.21 0.00	32.04 3.59 0.00	35.96 3.90 0.00	34.91 3.88 0.07	34.54 3.82 -1.29	42.46 4.84 -0.17	45.69 4.81 0.00	46.69 5.09 0.16	50.38 5.88 0.15	82.44 9.76 1.29	200.62 24.78 7.39	226.06 29.60 1.88	318.24 42.26 0.00	331.01 43.15 0.00	942.57 122.85 0.00	209.26 30.14 0.00	112.04 14.83 0.00	239.00 31.60 0.00	99.93 11.74 0.06	50.42 6.15 0.00	44.61 5.52 0.00
ISLIP_RES_REC 323679	39.23 3.53 -0.17	36.51 3.20 0.00	29.85 2.46 0.00	28.77 2.15 0.00	30.81 2.36 0.00	34.99 2.93 0.00	34.12 2.97 -0.06	37.72 2.59 -5.70	41.24 3.03 -0.76	44.41 3.41 -0.13	46.30 4.29 -0.25	60.59 4.77 -11.16	113.23 7.59 -31.66	277.82 16.36 -78.24	296.48 19.93 -78.21	371.44 30.07 -65.39	421.02 34.47 -98.69	1088.15 94.82 -173.62	418.04 20.16 -218.76	318.01 11.17 -209.63	249.31 22.84 -19.07	245.75 9.90 -147.60	51.44 5.11 -2.06	43.51 3.75 -0.67
JAMAICA___27_KV_LOAD 355505	37.58 2.04 -0.02	35.14 1.83 0.00	28.92 1.53 0.00	28.00 1.39 0.00	29.88 1.43 0.00	33.68 1.62 0.00	32.80 1.65 -0.06	36.84 1.67 -5.74	40.22 2.01 -0.76	43.21 2.33 0.00	44.53 2.64 -0.13	48.23 3.44 -0.13	80.83 5.78 -1.08	202.64 13.25 -6.17	216.96 17.05 -1.57	301.32 25.33 0.00	316.22 28.36 0.00	897.75 78.03 0.00	195.94 16.82 0.00	105.61 8.40 0.00	224.40 17.00 0.00	95.26 6.96 -0.05	48.10 3.83 0.00	41.52 2.43 0.00
JANIS___SOLAR 323808	37.43 1.91 0.00	34.98 1.66 0.00	28.64 1.25 0.00	27.86 1.25 0.00	29.80 1.36 0.00	33.81 1.74 0.00	32.89 1.80 0.00	31.19 1.76 0.00	39.66 2.21 0.00	43.18 2.31 0.00	44.02 2.26 0.00	47.29 2.64 0.00	78.87 4.89 0.00	194.13 10.90 0.00	211.11 12.77 0.00	295.10 19.11 0.00	307.11 19.25 0.00	881.83 62.11 0.00	194.86 15.74 0.00	106.37 9.16 0.00	226.74 19.33 0.00	96.28 8.04 0.00	47.87 3.60 0.00	41.88 2.80 0.00
JARVIS____ 23743	35.63 0.11 0.00	33.41 0.09 0.00	27.50 0.10 0.00	26.72 0.11 0.00	28.56 0.11 0.00	32.17 0.11 0.00	31.20 0.10 0.00	29.54 0.10 0.00	37.56 0.12 0.00	41.04 0.16 0.00	41.97 0.21 0.00	44.93 0.27 0.00	37.86 0.34 36.46	183.78 0.55 0.00	199.15 0.81 0.00	277.37 1.39 0.00	289.79 1.93 0.00	825.30 5.58 0.00	180.55 1.43 0.00	97.97 0.76 0.00	209.08 1.68 0.00	88.92 0.67 0.00	44.65 0.37 0.00	39.32 0.24 0.00
JENNISON___1 23625	37.41 1.88 0.00	34.96 1.65 0.00	28.68 1.29 0.00	27.89 1.28 0.00	29.83 1.38 0.00	33.80 1.74 0.00	32.90 1.81 0.00	31.19 1.75 0.00	39.72 2.27 0.00	43.49 2.62 0.00	44.50 2.74 0.00	47.88 3.22 0.00	79.68 5.70 0.00	196.00 12.77 0.00	213.22 14.88 0.00	298.24 22.26 0.00	309.92 22.06 0.00	887.53 67.82 0.00	195.28 16.16 0.00	106.12 8.91 0.00	225.94 18.54 0.00	95.97 7.71 0.00	47.83 3.57 0.00	41.87 2.79 0.00

JENNISON____2 23626	37.41 1.88 0.00	34.96 1.65 0.00	28.68 1.29 0.00	27.89 1.28 0.00	29.83 1.38 0.00	33.80 1.74 0.00	32.90 1.81 0.00	31.19 1.75 0.00	39.72 2.27 0.00	43.49 2.62 0.00	44.50 2.74 0.00	47.88 3.22 0.00	79.68 5.70 0.00	196.00 12.77 0.00	213.22 14.88 0.00	298.24 22.26 0.00	309.92 22.06 0.00	887.53 67.82 0.00	195.28 16.16 0.00	106.12 8.91 0.00	225.94 18.54 0.00	95.97 7.71 0.00	47.83 3.57 0.00	41.87 2.79 0.00
JERICHO_RISE_WT_PWR 323719	35.32 -0.20 0.00	33.12 -0.19 0.00	27.15 -0.24 0.00	26.39 -0.22 0.00	28.27 -0.18 0.00	31.88 -0.18 0.00	31.02 -0.08 0.00	29.32 -0.11 0.00	37.33 -0.12 0.00	40.41 -0.47 0.00	40.99 -0.77 0.00	43.40 -1.26 0.00	-51.80 -2.13 123.66	179.21 -4.02 0.00	194.25 -4.09 0.00	269.43 -6.55 0.00	280.18 -7.68 0.00	798.83 -20.88 0.00	174.30 -4.82 0.00	94.51 -2.71 0.00	201.71 -5.69 0.00	85.64 -2.61 0.00	42.81 -1.46 0.00	37.99 -1.10 0.00
KATONAH____115KV_46KV_TB4 355592	37.30 1.76 -0.02	34.93 1.61 0.00	28.75 1.36 0.00	27.86 1.25 0.00	29.74 1.29 0.00	33.51 1.45 0.00	32.62 1.47 -0.06	34.71 1.49 -3.79	39.76 1.80 -0.50	43.06 2.19 0.00	44.44 2.55 -0.13	47.94 3.15 -0.13	80.22 5.16 -1.07	201.19 11.85 -6.10	214.67 14.78 -1.55	298.14 22.16 0.00	313.44 25.58 0.00	890.29 70.57 0.00	194.59 15.47 0.00	104.95 7.74 0.00	222.66 15.25 0.00	94.40 6.10 -0.05	47.53 3.26 0.00	41.16 2.08 0.00
KCE_NY_1 323755	37.35 1.85 0.03	35.01 1.69 0.00	28.88 1.49 0.00	28.03 1.41 0.00	29.99 1.54 0.00	33.69 1.63 0.00	32.54 1.51 0.07	32.23 1.50 -1.30	39.52 1.90 -0.17	42.99 2.11 0.00	43.82 2.23 0.17	47.09 2.59 0.15	76.66 4.01 1.33	184.71 9.05 7.57	207.38 10.96 1.92	292.19 16.21 0.00	306.69 18.83 0.00	875.60 55.88 0.00	192.75 13.63 0.00	104.16 6.95 0.00	222.36 14.96 0.00	94.02 5.83 0.06	47.47 3.19 0.00	41.60 2.52 0.00
KCE_NY_6_ESR 323823	36.03 0.51 0.00	33.67 0.35 0.00	27.22 -0.17 0.00	26.58 -0.03 0.00	28.45 0.00 0.00	32.37 0.31 0.00	31.40 0.30 0.00	29.47 0.03 0.00	38.01 0.56 0.00	42.27 1.39 0.00	43.92 2.16 0.00	48.06 3.40 0.00	80.22 6.24 0.00	195.73 12.50 0.00	210.08 11.74 0.00	290.88 14.90 0.00	298.35 10.04 -0.44	849.43 29.72 0.00	185.21 6.09 0.00	100.94 3.73 0.00	215.03 7.63 0.00	93.31 5.06 0.00	46.59 2.32 0.00	41.05 1.97 0.00
KEDC_PORT_JEFF_GT2 24210	38.81 3.11 -0.17	36.13 2.82 0.00	29.54 2.15 0.00	28.48 1.87 0.00	30.51 2.06 0.00	34.63 2.56 0.00	33.75 2.60 -0.06	37.34 2.21 -5.70	40.71 2.50 -0.76	43.82 2.82 -0.13	45.65 3.61 -0.28	62.16 3.80 -13.69	118.33 5.65 -38.70	287.84 11.96 -92.65	302.87 15.13 -89.40	364.42 23.05 -65.39	413.79 27.24 -98.69	1067.24 73.91 -173.62	413.85 15.97 -218.76	315.47 8.63 -209.63	245.37 17.40 -20.57	243.50 7.65 -147.60	50.42 4.16 -1.99	43.06 3.19 -0.79
KEDC_PORT_JEFF_GT3 24211	38.81 3.11 -0.17	36.13 2.82 0.00	29.54 2.15 0.00	28.48 1.87 0.00	30.51 2.06 0.00	34.63 2.56 0.00	33.75 2.60 -0.06	37.34 2.21 -5.70	40.71 2.50 -0.76	43.82 2.82 -0.13	45.65 3.61 -0.28	62.16 3.80 -13.69	118.33 5.65 -38.70	287.84 11.96 -92.65	302.87 15.13 -89.40	364.43 23.05 -65.39	413.79 27.24 -98.69	1067.24 73.91 -173.62	413.85 15.97 -218.76	315.47 8.63 -209.63	245.37 17.40 -20.57	243.50 7.65 -147.60	50.42 4.16 -1.99	43.06 3.19 -0.79
KEDC_GLWD_GT4 24219	37.94 2.24 -0.17	35.37 2.05 0.00	29.03 1.64 0.00	28.10 1.49 0.00	30.03 1.58 0.00	33.91 1.85 0.00	33.02 1.87 -0.06	36.86 1.73 -5.70	40.26 2.05 -0.76	43.46 2.46 -0.13	44.63 2.74 -0.14	48.07 3.28 -0.13	80.41 5.35 -1.08	215.26 12.33 -19.71	252.64 15.76 -38.54	365.01 23.65 -65.39	413.77 27.23 -98.68	1068.84 75.50 -173.62	414.30 16.42 -218.76	314.98 8.14 -209.63	237.01 15.86 -13.75	242.33 6.48 -147.60	52.74 3.45 -5.02	41.74 2.48 -0.18
KEDC_GLWD_GT5 24220	37.94 2.24 -0.17	35.37 2.05 0.00	29.03 1.64 0.00	28.10 1.49 0.00	30.03 1.58 0.00	33.91 1.85 0.00	33.02 1.87 -0.06	36.86 1.73 -5.70	40.26 2.05 -0.76	43.46 2.46 -0.13	44.63 2.74 -0.14	48.07 3.28 -0.13	80.41 5.35 -1.08	215.26 12.33 -19.71	252.64 15.76 -38.54	365.01 23.65 -65.39	413.77 27.23 -98.68	1068.84 75.50 -173.62	414.30 16.42 -218.76	314.98 8.14 -209.63	237.01 15.86 -13.75	242.33 6.48 -147.60	52.74 3.45 -5.02	41.74 2.48 -0.18
KENSICO____ 23655	37.14 1.60 -0.02	34.78 1.47 0.00	28.63 1.24 0.00	27.75 1.14 0.00	29.62 1.17 0.00	33.36 1.30 0.00	32.47 1.31 -0.06	36.87 1.34 -6.10	39.86 1.60 -0.81	42.80 1.93 0.00	44.16 2.26 -0.13	47.59 2.81 -0.13	79.62 4.57 -1.08	199.65 10.27 -6.15	213.09 13.18 -1.56	295.77 19.79 0.00	310.71 22.85 0.00	882.58 62.87 0.00	192.89 13.77 0.00	104.02 6.80 0.00	220.79 13.39 0.00	93.69 5.39 -0.05	47.22 2.95 0.00	40.92 1.83 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.15 1.62 -0.01	34.75 1.44 0.00	28.60 1.21 0.00	27.73 1.12 0.00	29.59 1.15 0.00	33.33 1.27 0.00	32.43 1.30 -0.03	30.73 1.30 0.00	39.03 1.58 0.00	42.76 1.88 0.00	44.00 2.18 -0.06	47.38 2.66 -0.06	78.54 4.04 -0.52	195.01 8.82 -2.96	210.84 11.74 -0.75	294.12 18.14 0.00	309.42 21.56 0.00	879.67 59.95 0.00	192.48 13.36 0.00	104.07 6.86 0.00	220.89 13.49 0.00	93.63 5.36 -0.02	47.00 2.73 0.00	40.77 1.68 0.00
KIAC_JFK_GT1 23816	37.32 1.78 -0.02	34.93 1.62 0.00	28.75 1.36 0.00	27.84 1.23 0.00	29.71 1.25 0.00	33.48 1.42 0.00	32.57 1.42 -0.06	36.55 1.37 -5.74	39.83 1.62 -0.76	42.78 1.91 0.00	44.08 2.18 -0.13	47.76 2.97 -0.13	80.14 5.08 -1.08	201.18 11.78 -6.17	215.29 15.38 -1.57	298.86 22.88 0.00	313.05 25.19 0.00	888.73 69.01 0.00	193.97 14.85 0.00	104.55 7.33 0.00	222.05 14.65 0.00	94.24 5.94 -0.05	47.58 3.31 0.00	41.08 1.99 0.00
KIAC_JFK_GT2 23817	37.32 1.78 -0.02	34.93 1.62 0.00	28.75 1.36 0.00	27.84 1.23 0.00	29.71 1.25 0.00	33.48 1.42 0.00	32.57 1.42 -0.06	36.55 1.37 -5.74	39.83 1.62 -0.76	42.78 1.91 0.00	44.08 2.18 -0.13	47.76 2.97 -0.13	80.14 5.08 -1.08	201.18 11.78 -6.17	215.29 15.38 -1.57	298.86 22.88 0.00	313.05 25.19 0.00	888.73 69.01 0.00	193.97 14.85 0.00	104.55 7.33 0.00	222.05 14.65 0.00	94.24 5.94 -0.05	47.58 3.31 0.00	41.08 1.99 0.00
KIAC_JFK____ 323774	37.32 1.77 -0.02	34.93 1.62 0.00	28.75 1.36 0.00	27.84 1.23 0.00	29.70 1.25 0.00	33.47 1.41 0.00	32.57 1.42 -0.06	36.55 1.37 -5.74	39.83 1.62 -0.76	42.78 1.91 0.00	44.07 2.18 -0.13	47.75 2.97 -0.13	80.14 5.08 -1.08	201.18 11.79 -6.17	215.29 15.38 -1.57	298.86 22.87 0.00	313.05 25.19 0.00	888.78 69.07 0.00	193.97 14.85 0.00	104.55 7.33 0.00	221.96 14.56 0.00	94.24 5.94 -0.05	47.58 3.31 0.00	41.07 1.99 0.00
KINTIGH____ 23543	35.40 -0.12 0.00	33.12 -0.19 0.00	26.83 -0.56 0.00	26.18 -0.44 0.00	28.02 -0.43 0.00	31.83 -0.24 0.00	30.84 -0.25 0.00	28.94 -0.49 0.00	37.23 -0.22 0.00	41.29 0.41 0.00	42.76 1.00 0.00	46.69 2.03 0.00	77.80 3.81 0.00	190.05 6.82 0.00	203.79 5.45 0.00	282.27 6.28 0.00	289.35 1.65 0.15	826.51 6.79 0.00	180.49 1.37 0.00	98.32 1.11 0.00	208.87 1.47 0.00	90.85 2.60 0.00	45.48 1.21 0.00	40.08 1.00 0.00

KNTFSRNC_46_KV_46KV_LOAD 80397	35.95 0.42 0.00	33.67 0.36 0.00	27.61 0.22 0.00	26.81 0.20 0.00	28.74 0.29 0.00	32.36 0.30 0.00	31.53 0.43 0.00	29.77 0.34 0.00	37.90 0.45 0.00	40.94 0.07 0.00	41.60 -0.16 0.00	44.13 -0.53 0.00	38.29 -1.07 34.62	181.92 -1.31 0.00	197.33 -1.01 0.00	273.66 -2.32 0.00	284.92 -2.94 0.00	813.21 -6.50 0.00	177.73 -1.39 0.00	96.27 -0.95 0.00	205.33 -2.07 0.00	87.02 -1.23 0.00	43.51 -0.76 0.00	38.48 -0.60 0.00
LACHUTE___HYDRO 323717	40.03 4.53 0.02	37.36 4.05 0.00	30.72 3.33 0.00	29.82 3.21 0.00	32.04 3.59 0.00	35.96 3.90 0.00	34.91 3.88 0.07	34.54 3.81 -1.29	42.46 4.84 -0.17	45.69 4.81 0.00	46.69 5.09 0.16	50.38 5.88 0.15	82.44 9.76 1.29	200.62 24.78 7.39	226.06 29.60 1.88	318.23 42.25 0.00	331.00 43.14 0.00	942.55 122.83 0.00	209.26 30.14 0.00	112.04 14.82 0.00	238.99 31.59 0.00	99.94 11.75 0.06	50.42 6.15 0.00	44.61 5.52 0.00
LAWRNCALV_115KV_TB1 80681	34.94 -0.59 0.00	32.59 -0.73 0.00	26.57 -0.82 0.00	25.82 -0.79 0.00	27.58 -0.87 0.00	31.11 -0.95 0.00	30.38 -0.72 0.00	28.68 -0.76 0.00	36.50 -0.95 0.00	39.44 -1.43 0.00	39.93 -1.83 0.00	41.67 -2.99 0.00	-1291.97 -5.32 1360.63	173.92 -9.31 0.00	188.82 -9.53 0.00	261.17 -14.81 0.00	271.74 -16.11 0.00	774.29 -45.42 0.00	169.10 -10.02 0.00	91.96 -5.26 0.00	194.99 -12.41 0.00	83.05 -5.19 0.00	41.52 -2.75 0.00	37.27 -1.81 0.00
LEDERLE___ 23769	37.05 1.51 -0.02	34.67 1.36 0.00	28.54 1.15 0.00	27.68 1.07 0.00	29.53 1.08 0.00	33.28 1.22 0.00	32.37 1.23 -0.05	23.13 1.26 7.57	37.95 1.50 1.01	42.73 1.86 0.00	44.09 2.21 -0.12	47.57 2.80 -0.11	79.64 4.68 -0.98	199.53 10.73 -5.57	213.24 13.48 -1.42	296.12 20.14 0.00	310.54 22.68 0.00	882.23 62.51 0.00	192.79 13.66 0.00	103.99 6.78 0.00	220.70 13.30 0.00	93.62 5.33 -0.05	47.16 2.89 0.00	40.83 1.75 0.00
LIGHTHSE_115KV_TB6 355974	35.88 0.35 0.00	33.41 0.09 0.00	27.35 -0.04 0.00	26.67 0.06 0.00	28.58 0.13 0.00	32.33 0.27 0.00	31.42 0.33 0.00	29.72 0.29 0.00	37.85 0.40 0.00	41.41 0.54 0.00	42.33 0.57 0.00	45.27 0.61 0.00	-58.75 0.86 133.59	184.55 1.32 0.00	200.66 2.32 0.00	278.65 2.67 0.00	290.40 2.54 0.00	823.65 3.94 0.00	180.50 1.38 0.00	98.61 1.40 0.00	211.09 3.69 0.00	89.99 1.74 0.00	45.01 0.74 0.00	39.45 0.36 0.00
LINDEN COGEN___ 23786	32.72 1.49 4.30	34.63 1.39 0.07	28.57 1.17 0.00	27.66 1.05 0.00	29.53 1.08 0.00	33.29 1.23 0.00	32.41 1.26 -0.05	33.97 1.31 -3.22	36.56 1.54 2.43	36.68 1.87 6.07	37.65 2.23 6.34	37.78 2.79 9.67	50.94 4.58 27.61	159.83 10.23 33.63	177.56 13.43 34.21	281.46 20.17 14.69	225.54 23.36 85.68	879.13 63.75 4.33	192.73 13.65 0.04	97.36 6.66 6.52	203.14 12.94 17.20	93.55 5.25 -0.05	47.16 2.91 0.01	38.07 1.63 2.65
LINDHRST_69_KV_BK1 356055	38.79 3.10 -0.17	36.12 2.80 0.00	29.56 2.17 0.00	28.53 1.92 0.00	30.54 2.09 0.00	34.63 2.57 0.00	33.75 2.60 -0.06	37.37 2.24 -5.70	40.79 2.59 -0.76	43.98 2.98 -0.13	45.49 3.58 -0.14	49.88 4.10 -1.12	84.30 6.47 -3.84	222.92 14.93 -24.76	258.75 18.78 -41.62	369.61 28.24 -65.39	419.10 32.56 -98.68	1084.29 90.95 -173.62	417.88 20.01 -218.76	317.08 10.24 -209.63	241.92 20.36 -14.16	244.54 8.69 -147.60	51.86 4.53 -3.06	42.57 3.26 -0.23
LIPA_MISC_IPP 23656	38.96 3.26 -0.17	36.28 2.96 0.00	29.66 2.27 0.00	28.58 1.97 0.00	30.62 2.17 0.00	34.75 2.69 0.00	33.87 2.72 -0.06	37.44 2.31 -5.70	40.85 2.65 -0.76	43.88 2.88 -0.13	45.78 3.76 -0.25	60.39 4.20 -11.54	113.24 6.55 -32.72	274.98 13.79 -77.96	289.84 16.91 -74.59	367.24 25.87 -65.39	416.71 30.16 -98.68	1075.41 82.08 -173.62	415.61 17.73 -218.76	316.55 9.71 -209.63	246.20 20.22 -18.58	244.87 9.03 -147.60	50.93 4.70 -1.96	43.18 3.40 -0.69
LISF___SOLAR 323691	39.03 3.33 -0.17	36.32 3.01 0.00	29.69 2.30 0.00	28.61 2.00 0.00	30.65 2.20 0.00	34.80 2.74 0.00	33.92 2.76 -0.06	37.48 2.35 -5.70	40.90 2.70 -0.76	43.94 2.94 -0.13	45.85 3.83 -0.26	60.61 4.25 -11.70	113.82 6.67 -33.16	276.75 14.17 -79.35	292.07 17.40 -76.33	368.05 26.68 -65.39	417.66 31.12 -98.69	1078.30 84.97 -173.62	416.27 18.39 -218.76	316.86 10.02 -209.63	247.03 20.81 -18.82	245.16 9.31 -147.60	51.06 4.82 -1.97	43.24 3.46 -0.70
LITTLE FALLS___HYD 24013	35.24 -0.28 0.00	33.16 -0.15 0.00	27.45 0.06 0.00	26.63 0.01 0.00	28.45 0.00 0.00	31.96 -0.10 0.00	30.93 -0.16 0.00	29.39 -0.05 0.00	37.17 -0.28 0.00	40.41 -0.46 0.00	41.38 -0.37 0.00	44.50 -0.16 0.00	36.96 -0.56 36.46	181.02 -2.21 0.00	196.83 -1.51 0.00	274.61 -1.37 0.00	290.06 2.20 0.00	830.89 11.18 0.00	183.98 4.86 0.00	99.97 2.76 0.00	213.12 5.72 0.00	89.97 1.72 0.00	45.26 0.99 0.00	39.61 0.52 0.00
LITTLRIV_115KV_TB1 356100	35.29 -0.23 0.00	32.90 -0.42 0.00	26.83 -0.57 0.00	26.08 -0.54 0.00	27.84 -0.61 0.00	31.45 -0.62 0.00	30.74 -0.36 0.00	29.02 -0.41 0.00	36.88 -0.56 0.00	39.78 -1.09 0.00	40.26 -1.50 0.00	42.06 -2.60 0.00	-1229.18 -4.62 1298.54	175.62 -7.61 0.00	190.62 -7.72 0.00	263.64 -12.34 0.00	274.04 -13.82 0.00	781.52 -38.20 0.00	171.13 -7.98 0.00	93.27 -3.94 0.00	197.94 -9.45 0.00	84.26 -3.99 0.00	42.06 -2.21 0.00	37.71 -1.38 0.00
LI_NEWBRDGE___DRP 323616	37.91 2.21 -0.17	35.33 2.02 0.00	28.96 1.57 0.00	27.99 1.38 0.00	29.94 1.49 0.00	33.90 1.84 0.00	33.00 1.85 -0.06	36.71 1.57 -5.70	39.95 1.75 -0.76	43.10 2.10 -0.13	44.54 2.65 -0.13	47.85 3.07 -0.13	79.84 4.78 -1.08	213.68 10.75 -19.71	250.86 13.98 -38.54	362.83 21.46 -65.39	411.76 25.22 -98.68	1062.92 69.59 -173.62	413.30 15.42 -218.76	314.52 7.68 -209.63	236.25 15.11 -13.74	242.20 6.36 -147.60	49.02 3.43 -1.33	41.55 2.29 -0.18
LOCKPORT_115KV_TB60_63_64 80432	35.50 -0.03 0.00	33.18 -0.13 0.00	26.80 -0.59 0.00	26.17 -0.45 0.00	27.99 -0.45 0.00	31.84 -0.23 0.00	30.82 -0.27 0.00	28.82 -0.61 0.00	37.18 -0.27 0.00	41.32 0.45 0.00	42.96 1.20 0.00	47.03 2.37 0.00	78.22 4.24 0.00	190.98 7.75 0.00	204.07 5.73 0.00	282.33 6.35 0.00	289.57 1.11 -0.60	825.83 6.12 0.00	180.62 1.50 0.00	98.45 1.24 0.00	209.16 1.76 0.00	91.34 3.09 0.00	45.77 1.50 0.00	40.41 1.33 0.00
LOCKPORT___CC1 323769	35.39 -0.14 0.00	33.09 -0.22 0.00	26.72 -0.67 0.00	26.10 -0.52 0.00	27.92 -0.53 0.00	31.76 -0.30 0.00	30.75 -0.35 0.00	28.74 -0.70 0.00	37.03 -0.42 0.00	41.16 0.29 0.00	42.80 1.04 0.00	46.84 2.18 0.00	77.92 3.94 0.00	190.08 6.85 0.00	203.17 4.83 0.00	281.02 5.04 0.00	288.23 -0.13 -0.50	821.66 1.94 0.00	179.69 0.57 0.00	97.93 0.72 0.00	208.34 0.94 0.00	90.95 2.70 0.00	45.57 1.30 0.00	40.25 1.17 0.00
LOCKPORT___CC2 323770	35.39 -0.14 0.00	33.09 -0.22 0.00	26.72 -0.67 0.00	26.10 -0.52 0.00	27.92 -0.53 0.00	31.76 -0.30 0.00	30.75 -0.35 0.00	28.74 -0.70 0.00	37.03 -0.42 0.00	41.16 0.29 0.00	42.80 1.04 0.00	46.84 2.18 0.00	77.92 3.94 0.00	190.08 6.85 0.00	203.17 4.83 0.00	281.02 5.04 0.00	288.23 -0.13 -0.50	821.66 1.94 0.00	179.69 0.57 0.00	97.93 0.72 0.00	208.34 0.94 0.00	90.95 2.70 0.00	45.57 1.30 0.00	40.25 1.17 0.00

LOCKPORT___CC3 323771	35.39 -0.14 0.00	33.09 -0.22 0.00	26.72 -0.67 0.00	26.10 -0.52 0.00	27.92 -0.53 0.00	31.76 -0.30 0.00	30.75 -0.35 0.00	28.74 -0.70 0.00	37.03 -0.42 0.00	41.16 0.29 0.00	42.80 1.04 0.00	46.84 2.18 0.00	77.92 3.94 0.00	190.08 6.85 0.00	203.17 4.83 0.00	281.02 5.04 0.00	288.23 -0.13 -0.50	821.66 1.94 0.00	179.69 0.57 0.00	97.93 0.72 0.00	208.34 0.94 0.00	90.95 2.70 0.00	45.57 1.30 0.00	40.25 1.17 0.00
LONG_LAKE_PHOENIX 24014	35.60 0.07 0.00	33.32 0.00 0.00	27.34 -0.05 0.00	26.58 -0.03 0.00	28.42 -0.04 0.00	32.09 0.02 0.00	31.17 0.07 0.00	29.47 0.04 0.00	37.56 0.11 0.00	41.16 0.28 0.00	42.24 0.47 0.00	45.41 0.75 0.00	32.87 1.27 42.38	185.57 2.34 0.00	200.96 2.62 0.00	279.68 3.70 0.00	291.03 3.17 0.00	826.35 6.64 0.00	180.82 1.70 0.00	98.37 1.16 0.00	210.00 2.60 0.00	89.42 1.17 0.00	44.69 0.42 0.00	39.29 0.21 0.00
LOVETT___3 23632	36.85 1.30 -0.02	34.49 1.17 0.00	28.40 1.01 0.00	27.55 0.93 0.00	29.39 0.94 0.00	33.10 1.04 0.00	32.19 1.04 -0.05	22.63 1.08 7.88	37.66 1.26 1.05	42.44 1.57 0.00	43.78 1.89 -0.12	47.21 2.44 -0.12	79.01 4.04 -0.99	197.98 9.12 -5.63	211.47 11.70 -1.43	293.57 17.59 0.00	307.95 20.09 0.00	874.79 55.07 0.00	191.20 12.08 0.00	103.14 5.93 0.00	218.92 11.52 0.00	92.92 4.62 -0.05	46.84 2.57 0.00	40.57 1.49 0.00
LOVETT___4 23642	36.85 1.30 -0.02	34.49 1.17 0.00	28.40 1.01 0.00	27.55 0.93 0.00	29.39 0.94 0.00	33.10 1.04 0.00	32.19 1.04 -0.05	22.63 1.08 7.88	37.66 1.26 1.05	42.44 1.57 0.00	43.78 1.89 -0.12	47.21 2.44 -0.12	79.01 4.04 -0.99	197.98 9.12 -5.63	211.47 11.70 -1.43	293.57 17.59 0.00	307.95 20.09 0.00	874.79 55.07 0.00	191.20 12.08 0.00	103.14 5.93 0.00	218.92 11.52 0.00	92.92 4.62 -0.05	46.84 2.57 0.00	40.57 1.49 0.00
LOVETT___5 23593	36.85 1.30 -0.02	34.49 1.17 0.00	28.40 1.01 0.00	27.55 0.93 0.00	29.39 0.94 0.00	33.10 1.04 0.00	32.19 1.04 -0.05	22.63 1.08 7.88	37.66 1.26 1.05	42.44 1.57 0.00	43.78 1.89 -0.12	47.21 2.44 -0.12	79.01 4.04 -0.99	197.98 9.12 -5.63	211.47 11.70 -1.43	293.57 17.59 0.00	307.95 20.09 0.00	874.79 55.07 0.00	191.20 12.08 0.00	103.14 5.93 0.00	218.92 11.52 0.00	92.92 4.62 -0.05	46.84 2.57 0.00	40.57 1.49 0.00
LOWER RAQUET___HYD 24057	34.88 -0.64 0.00	32.48 -0.83 0.00	26.46 -0.93 0.00	25.71 -0.91 0.00	27.45 -1.00 0.00	30.96 -1.10 0.00	30.26 -0.83 0.00	28.55 -0.88 0.00	36.34 -1.11 0.00	39.24 -1.63 0.00	39.72 -2.04 0.00	41.44 -3.22 0.00	-1171.89 -5.71 1240.16	172.84 -10.39 0.00	187.90 -10.44 0.00	259.76 -16.23 0.00	270.33 -17.53 0.00	770.18 -49.54 0.00	168.29 -10.83 0.00	91.57 -5.64 0.00	194.31 -13.10 0.00	82.73 -5.51 0.00	41.34 -2.93 0.00	37.07 -2.02 0.00
LOWER___HUDSON 24059	36.59 1.09 0.03	34.42 1.10 0.00	28.41 1.02 0.00	27.56 0.95 0.00	29.48 1.03 0.00	33.07 1.00 0.00	31.83 0.82 0.09	31.64 0.84 -1.36	38.63 1.00 -0.18	41.94 1.07 0.00	42.69 1.14 0.21	45.83 1.37 0.19	74.04 1.72 1.65	177.09 3.29 9.43	200.88 4.93 2.40	283.27 7.29 0.00	298.67 10.82 0.00	852.59 32.88 0.00	187.57 8.45 0.00	101.40 4.19 0.00	216.78 9.38 0.00	91.56 3.39 0.08	46.41 2.14 0.00	40.66 1.58 0.00
LOWVILLE_115KV_TB2 356335	36.15 0.63 0.00	33.46 0.14 0.00	27.33 -0.06 0.00	26.76 0.14 0.00	28.73 0.28 0.00	32.55 0.49 0.00	31.67 0.58 0.00	29.95 0.52 0.00	38.12 0.67 0.00	41.57 0.70 0.00	42.23 0.47 0.00	44.74 0.08 0.00	-284.61 -0.42 358.16	182.04 -1.19 0.00	199.90 1.56 0.00	277.37 1.39 0.00	290.46 2.60 0.00	823.57 3.85 0.00	180.52 1.40 0.00	98.39 1.18 0.00	210.88 3.48 0.00	89.66 1.41 0.00	44.81 0.54 0.00	39.27 0.18 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.33 1.83 0.03	35.02 1.71 0.00	28.89 1.50 0.00	28.03 1.42 0.00	29.99 1.54 0.00	33.69 1.63 0.00	32.52 1.50 0.07	32.20 1.47 -1.30	39.47 1.85 -0.17	42.91 2.04 0.00	43.76 2.17 0.17	47.01 2.51 0.15	76.50 3.85 1.33	184.49 8.84 7.57	207.15 10.73 1.92	291.78 15.80 0.00	306.22 18.36 0.00	874.22 54.51 0.00	192.46 13.34 0.00	104.01 6.79 0.00	222.08 14.68 0.00	93.94 5.75 0.06	47.45 3.18 0.00	41.55 2.47 0.00
LUTHERNY_35_KV_BK2 355980	37.36 1.85 0.03	35.01 1.69 0.00	28.88 1.49 0.00	28.03 1.41 0.00	29.99 1.55 0.00	33.69 1.63 0.00	32.54 1.51 0.07	32.23 1.50 -1.30	39.52 1.90 -0.17	42.99 2.11 0.00	43.83 2.23 0.17	47.09 2.59 0.15	76.66 4.02 1.33	184.71 9.05 7.57	207.39 10.97 1.92	292.19 16.21 0.00	306.69 18.83 0.00	875.59 55.87 0.00	192.74 13.62 0.00	104.16 6.95 0.00	222.38 14.98 0.00	94.02 5.83 0.06	47.47 3.20 0.00	41.60 2.52 0.00
LWR___OSWEGATCHIE_HYD 23850	35.51 -0.02 0.00	32.94 -0.37 0.00	26.86 -0.53 0.00	26.20 -0.41 0.00	28.06 -0.39 0.00	31.73 -0.33 0.00	30.95 -0.14 0.00	29.25 -0.19 0.00	37.20 -0.24 0.00	40.36 -0.51 0.00	40.90 -0.86 0.00	42.97 -1.68 0.00	-772.76 -3.44 843.29	176.47 -6.76 0.00	193.26 -5.08 0.00	267.47 -8.51 0.00	279.40 -8.46 0.00	793.06 -26.65 0.00	173.48 -5.64 0.00	94.66 -2.55 0.00	202.43 -4.97 0.00	86.26 -1.99 0.00	43.07 -1.20 0.00	38.15 -0.93 0.00
LYONS_FALL_HYD 23570	36.27 0.75 0.00	33.71 0.39 0.00	27.59 0.20 0.00	26.94 0.33 0.00	28.89 0.44 0.00	32.69 0.62 0.00	31.80 0.70 0.00	30.08 0.65 0.00	38.28 0.84 0.00	41.80 0.93 0.00	42.58 0.82 0.00	45.30 0.64 0.00	-165.47 0.66 240.11	184.62 1.39 0.00	201.83 3.49 0.00	280.45 4.47 0.00	293.45 5.59 0.00	834.15 14.44 0.00	182.92 3.80 0.00	99.60 2.39 0.00	212.95 5.55 0.00	90.51 2.27 0.00	45.29 1.01 0.00	39.69 0.61 0.00
MADISON___COUNTY_LFGE 323628	36.66 1.13 0.00	34.26 0.94 0.00	28.11 0.72 0.00	27.33 0.72 0.00	29.24 0.78 0.00	33.06 0.99 0.00	32.15 1.05 0.00	30.42 0.98 0.00	38.75 1.30 0.00	42.42 1.54 0.00	43.38 1.62 0.00	46.46 1.81 0.00	0.79 2.61 75.80	189.26 6.03 0.00	205.70 7.36 0.00	286.39 10.41 0.00	299.09 11.23 0.00	852.07 32.36 0.00	187.01 7.89 0.00	101.80 4.59 0.00	216.90 9.50 0.00	92.16 3.92 0.00	46.33 2.06 0.00	40.64 1.56 0.00
MALONE___115KV_TB1 356076	35.55 0.02 0.00	33.24 -0.07 0.00	27.20 -0.19 0.00	26.44 -0.17 0.00	28.30 -0.15 0.00	31.93 -0.13 0.00	31.12 0.03 0.00	29.45 0.01 0.00	37.51 0.06 0.00	40.56 -0.32 0.00	41.14 -0.63 0.00	43.41 -1.25 0.00	-332.16 -2.09 404.05	179.83 -3.40 0.00	195.07 -3.27 0.00	270.24 -5.73 0.00	281.18 -6.68 0.00	801.95 -17.77 0.00	175.18 -3.93 0.00	95.13 -2.08 0.00	202.83 -4.57 0.00	86.14 -2.11 0.00	42.99 -1.28 0.00	38.17 -0.91 0.00
MAPLEWOD_115KV_TB3 80458	36.40 0.90 0.02	34.24 0.92 0.00	28.27 0.88 0.00	27.42 0.81 0.00	29.31 0.86 0.00	32.90 0.84 0.00	31.69 0.67 0.07	31.50 0.71 -1.35	38.43 0.80 -0.18	41.75 0.88 0.00	42.55 0.95 0.16	45.66 1.15 0.15	74.10 1.42 1.30	178.54 2.72 7.41	200.82 4.37 1.88	282.71 6.73 0.00	298.01 10.15 0.00	850.14 30.42 0.00	186.89 7.77 0.00	101.03 3.81 0.00	215.79 8.39 0.00	91.26 3.07 0.06	46.24 1.97 0.00	40.48 1.39 0.00

MAPLE RIDGE_WT_1 323574	35.32 -0.21 0.00	33.00 -0.31 0.00	27.11 -0.28 0.00	26.41 -0.20 0.00	28.28 -0.17 0.00	31.90 -0.16 0.00	30.94 -0.16 0.00	29.26 -0.17 0.00	37.25 -0.20 0.00	40.62 -0.26 0.00	41.38 -0.38 0.00	44.05 -0.61 0.00	101.01 -1.08 -28.12	180.98 -2.25 0.00	195.69 -2.65 0.00	272.09 -3.89 0.00	283.54 -4.32 0.00	807.89 -11.82 0.00	176.49 -2.62 0.00	95.67 -1.54 0.00	204.32 -3.08 0.00	87.02 -1.23 0.00	43.65 -0.62 0.00	38.57 -0.51 0.00
MAPLE RIDGE_WT_2 323611	35.32 -0.21 0.00	33.00 -0.31 0.00	27.11 -0.28 0.00	26.41 -0.20 0.00	28.28 -0.17 0.00	31.90 -0.16 0.00	30.94 -0.16 0.00	29.26 -0.17 0.00	37.25 -0.20 0.00	40.62 -0.26 0.00	41.38 -0.38 0.00	44.05 -0.61 0.00	101.01 -1.08 -28.12	180.98 -2.25 0.00	195.69 -2.65 0.00	272.09 -3.89 0.00	283.54 -4.32 0.00	807.89 -11.82 0.00	176.49 -2.62 0.00	95.67 -1.54 0.00	204.32 -3.08 0.00	87.02 -1.23 0.00	43.65 -0.62 0.00	38.57 -0.51 0.00
MARBLE RIVER_WT_PWR 323696	35.44 -0.09 0.00	33.21 -0.10 0.00	27.24 -0.15 0.00	26.46 -0.15 0.00	28.36 -0.09 0.00	31.97 -0.09 0.00	31.11 0.01 0.00	29.39 -0.04 0.00	37.41 -0.04 0.00	40.49 -0.39 0.00	41.11 -0.65 0.00	43.56 -1.10 0.00	72.06 -1.92 0.00	179.76 -3.47 0.00	194.88 -3.46 0.00	270.27 -5.71 0.00	281.23 -6.63 0.00	801.56 -18.15 0.00	175.01 -4.11 0.00	94.83 -2.38 0.00	202.34 -5.06 0.00	85.84 -2.41 0.00	42.94 -1.33 0.00	38.07 -1.02 0.00
MARSHVLE_115KV_TB1 80742	38.55 3.04 0.02	36.05 2.73 0.00	29.56 2.17 0.00	28.74 2.13 0.00	30.71 2.26 0.00	34.76 2.70 0.00	33.82 2.76 0.04	33.10 2.72 -0.94	40.92 3.35 -0.12	44.59 3.71 0.00	45.43 3.77 0.10	48.40 3.84 0.09	79.68 6.51 0.80	195.01 16.34 4.57	215.08 17.90 1.16	300.99 25.01 0.00	312.27 24.41 0.00	894.16 74.45 0.00	196.67 17.55 0.00	107.06 9.85 0.00	229.34 21.94 0.00	97.61 9.39 0.04	48.47 4.20 0.00	42.50 3.41 0.00
MARSH_HILL_WT_PWR 323713	35.57 0.05 0.00	33.23 -0.08 0.00	27.07 -0.32 0.00	26.36 -0.25 0.00	28.18 -0.27 0.00	32.08 0.02 0.00	31.23 0.13 0.00	29.48 0.04 0.00	37.95 0.50 0.00	42.23 1.35 0.00	43.81 2.04 0.00	47.67 3.01 0.00	79.76 5.78 0.00	194.59 11.36 0.00	210.05 11.71 0.00	291.26 15.28 0.00	300.02 12.05 -0.11	855.97 36.26 0.00	187.42 8.30 0.00	102.34 5.13 0.00	217.86 10.46 0.00	94.17 5.92 0.00	46.98 2.70 0.00	41.21 2.12 0.00
MCINTYRE_115KV_TB2 80467	35.61 0.08 0.00	33.25 -0.06 0.00	27.15 -0.24 0.00	26.40 -0.21 0.00	28.19 -0.26 0.00	31.87 -0.20 0.00	31.12 0.02 0.00	29.40 -0.03 0.00	37.31 -0.14 0.00	40.19 -0.68 0.00	40.65 -1.11 0.00	42.52 -2.14 0.00	-1322.18 -3.79 1392.38	177.73 -5.50 0.00	192.42 -5.92 0.00	266.36 -9.62 0.00	276.64 -11.22 0.00	789.77 -29.94 0.00	173.28 -5.84 0.00	94.57 -2.64 0.00	200.66 -6.74 0.00	85.48 -2.77 0.00	42.64 -1.63 0.00	38.27 -0.81 0.00
MECO____69_KV_BK1 80468	39.21 3.70 0.02	36.64 3.33 0.00	30.06 2.67 0.00	29.18 2.57 0.00	31.21 2.75 0.00	35.29 3.23 0.00	34.33 3.28 0.05	33.45 2.98 -1.04	40.53 2.94 -0.14	43.71 2.84 0.11	44.26 2.60 0.00	46.87 2.32 0.10	78.38 5.29 0.88	190.04 11.82 5.02	209.01 11.94 1.28	294.65 18.66 0.00	308.10 20.24 0.00	909.15 89.43 0.00	204.97 25.85 0.00	111.75 14.54 0.00	238.70 31.30 0.00	101.10 12.89 0.04	49.64 5.37 0.00	43.27 4.19 0.00
MENANDS__115KV_TB5 355628	36.13 0.63 0.02	34.00 0.68 0.00	28.08 0.69 0.00	27.24 0.63 0.00	29.11 0.66 0.00	32.68 0.62 0.00	31.47 0.44 0.07	31.28 0.50 -1.35	38.15 0.52 -0.18	41.42 0.55 0.00	42.22 0.61 0.16	45.27 0.76 0.15	73.41 0.73 1.29	176.75 0.91 7.39	198.84 2.38 1.88	279.93 3.95 0.00	295.08 7.22 0.00	841.33 21.61 0.00	184.88 5.76 0.00	99.95 2.74 0.00	213.50 6.10 0.00	90.30 2.12 0.06	45.81 1.53 0.00	40.12 1.04 0.00
MG INDUSTRY____DRP 24185	36.25 0.74 0.02	34.12 0.80 0.00	28.20 0.81 0.00	27.37 0.76 0.00	29.25 0.80 0.00	32.84 0.77 0.00	31.68 0.63 0.04	31.27 0.61 -1.23	38.21 0.60 -0.16	41.39 0.52 0.00	42.10 0.44 0.10	44.58 0.02 0.09	72.31 -0.88 0.79	175.62 -3.13 4.48	195.06 -2.14 1.14	273.78 -2.20 0.00	288.38 0.52 0.00	822.46 2.74 0.00	180.76 1.65 0.00	97.86 0.64 0.00	209.12 1.72 0.00	88.82 0.61 0.04	45.07 0.80 0.00	39.54 0.46 0.00
MID____OSWEGATCHIE_HYD 23849	35.51 -0.02 0.00	32.94 -0.37 0.00	26.86 -0.53 0.00	26.20 -0.41 0.00	28.06 -0.39 0.00	31.73 -0.33 0.00	30.95 -0.14 0.00	29.25 -0.19 0.00	37.20 -0.24 0.00	40.36 -0.51 0.00	40.90 -0.86 0.00	42.97 -1.68 0.00	-772.76 -3.44 843.29	176.47 -6.76 0.00	193.26 -5.08 0.00	267.47 -8.51 0.00	279.40 -8.46 0.00	793.06 -26.65 0.00	173.48 -5.64 0.00	94.66 -2.55 0.00	202.43 -4.97 0.00	86.26 -1.99 0.00	43.07 -1.20 0.00	38.15 -0.93 0.00
MID____RAQUETTE_HYD 23851	34.88 -0.64 0.00	32.48 -0.83 0.00	26.46 -0.93 0.00	25.71 -0.91 0.00	27.45 -1.00 0.00	30.96 -1.10 0.00	30.26 -0.83 0.00	28.55 -0.88 0.00	36.34 -1.11 0.00	39.24 -1.63 0.00	39.72 -2.04 0.00	41.44 -3.22 0.00	-1171.89 -5.72 1240.16	172.84 -10.39 0.00	187.92 -10.42 0.00	259.77 -16.21 0.00	270.33 -17.52 0.00	770.19 -49.52 0.00	168.29 -10.83 0.00	91.57 -5.64 0.00	194.27 -13.13 0.00	82.74 -5.51 0.00	41.34 -2.93 0.00	37.07 -2.01 0.00
MILLIKEN____1 23584	36.60 1.08 0.00	34.23 0.91 0.00	28.02 0.63 0.00	27.27 0.66 0.00	29.17 0.72 0.00	33.01 0.95 0.00	32.05 0.96 0.00	30.40 0.97 0.00	38.69 1.24 0.00	42.40 1.53 0.00	43.46 1.70 0.00	46.78 2.13 0.00	56.05 3.69 21.61	191.34 8.11 0.00	207.35 9.01 0.00	288.94 12.96 0.00	300.94 13.08 0.00	858.18 38.46 0.00	188.51 9.39 0.00	102.74 5.52 0.00	219.28 11.88 0.00	93.23 4.98 0.00	46.53 2.26 0.00	40.74 1.65 0.00
MILLIKEN____2 23585	36.60 1.08 0.00	34.23 0.91 0.00	28.02 0.63 0.00	27.27 0.66 0.00	29.17 0.72 0.00	33.01 0.95 0.00	32.05 0.96 0.00	30.40 0.97 0.00	38.69 1.24 0.00	42.40 1.53 0.00	43.46 1.70 0.00	46.78 2.13 0.00	56.05 3.69 21.61	191.34 8.11 0.00	207.35 9.01 0.00	288.94 12.96 0.00	300.94 13.08 0.00	858.18 38.46 0.00	188.51 9.39 0.00	102.74 5.52 0.00	219.28 11.88 0.00	93.23 4.98 0.00	46.53 2.26 0.00	40.74 1.65 0.00
MILLIKEN____DIESEL 23629	36.60 1.08 0.00	34.23 0.91 0.00	28.02 0.63 0.00	27.27 0.66 0.00	29.17 0.72 0.00	33.01 0.95 0.00	32.05 0.96 0.00	30.40 0.97 0.00	38.69 1.24 0.00	42.40 1.53 0.00	43.46 1.70 0.00	46.78 2.13 0.00	56.05 3.69 21.61	191.34 8.11 0.00	207.35 9.01 0.00	288.94 12.96 0.00	300.94 13.08 0.00	858.18 38.46 0.00	188.51 9.39 0.00	102.74 5.52 0.00	219.28 11.88 0.00	93.23 4.98 0.00	46.53 2.26 0.00	40.74 1.65 0.00
MILLSEAT____LFGE 323607	36.23 0.70 0.00	33.84 0.53 0.00	27.36 -0.04 0.00	26.69 0.07 0.00	28.56 0.11 0.00	32.50 0.44 0.00	31.53 0.43 0.00	29.57 0.13 0.00	38.09 0.64 0.00	42.26 1.38 0.00	43.87 2.11 0.00	47.94 3.28 0.00	79.23 5.25 0.00	194.16 10.92 0.00	207.78 9.44 0.00	287.25 11.27 0.00	295.07 6.72 -0.49	842.53 22.81 0.00	184.86 5.74 0.00	100.80 3.59 0.00	214.15 6.74 0.00	93.19 4.94 0.00	46.94 2.67 0.00	41.33 2.25 0.00

MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.05 1.50 -0.02	34.69 1.38 0.00	28.57 1.17 0.00	27.69 1.07 0.00	29.55 1.10 0.00	33.29 1.23 0.00	32.38 1.23 -0.06	37.05 1.25 -6.36	39.79 1.49 -0.84	42.68 1.81 0.00	44.03 2.14 -0.13	47.46 2.67 -0.13	79.38 4.34 -1.07	199.04 9.71 -6.10	212.38 12.49 -1.55	294.83 18.85 0.00	309.70 21.84 0.00	879.73 60.02 0.00	192.26 13.14 0.00	103.73 6.52 0.00	220.19 12.79 0.00	93.44 5.14 -0.05	47.09 2.82 0.00	40.82 1.73 0.00
MILLWOOD_13_KV_LOAD 356217	37.19 1.64 -0.02	34.82 1.51 0.00	28.66 1.28 0.00	27.78 1.17 0.00	29.65 1.20 0.00	33.41 1.35 0.00	32.50 1.35 -0.06	37.17 1.37 -6.36	39.94 1.65 -0.84	42.87 2.00 0.00	44.24 2.34 -0.13	47.71 2.93 -0.13	79.82 4.77 -1.07	200.15 10.82 -6.10	213.70 13.81 -1.55	296.67 20.69 0.00	311.68 23.82 0.00	885.12 65.40 0.00	193.44 14.32 0.00	104.35 7.13 0.00	221.43 14.03 0.00	93.95 5.65 -0.05	47.32 3.05 0.00	41.00 1.92 0.00
MODEL_CITY_ENERGY 24167	35.15 -0.37 0.00	32.87 -0.45 0.00	26.55 -0.84 0.00	25.93 -0.68 0.00	27.73 -0.72 0.00	31.56 -0.50 0.00	30.52 -0.58 0.00	28.53 -0.90 0.00	36.81 -0.64 0.00	40.91 0.04 0.00	42.52 0.76 0.00	46.54 1.88 0.00	77.43 3.45 0.00	188.76 5.53 0.00	201.75 3.41 0.00	279.03 3.05 0.00	286.01 -2.21 -0.37	815.85 -3.86 0.00	178.48 -0.63 0.00	97.31 0.10 0.00	206.78 -0.62 0.00	90.32 2.07 0.00	45.31 1.04 0.00	40.09 1.00 0.00
MODERN_LFGE_ 323580	35.15 -0.37 0.00	32.87 -0.45 0.00	26.55 -0.84 0.00	25.93 -0.68 0.00	27.73 -0.72 0.00	31.56 -0.50 0.00	30.52 -0.58 0.00	28.53 -0.90 0.00	36.81 -0.64 0.00	40.91 0.04 0.00	42.52 0.76 0.00	46.54 1.88 0.00	77.43 3.45 0.00	188.76 5.53 0.00	201.75 3.41 0.00	279.03 3.05 0.00	286.01 -2.21 -0.37	815.85 -3.86 0.00	178.48 -0.63 0.00	97.31 0.10 0.00	206.78 -0.62 0.00	90.32 2.07 0.00	45.31 1.04 0.00	40.09 1.00 0.00
MOHAWK_PAPER___DRP 24187	36.40 0.90 0.02	34.24 0.92 0.00	28.27 0.88 0.00	27.42 0.81 0.00	29.31 0.86 0.00	32.90 0.84 0.00	31.69 0.67 0.07	31.50 0.71 -1.35	38.43 0.80 -0.18	41.75 0.88 0.00	42.55 0.95 0.16	45.66 1.15 0.15	74.10 1.42 1.30	178.54 2.72 7.41	200.82 4.37 1.88	282.71 6.73 0.00	298.01 10.15 0.00	850.14 30.42 0.00	186.89 7.77 0.00	101.03 3.81 0.00	215.79 8.39 0.00	91.26 3.07 0.06	46.24 1.97 0.00	40.48 1.39 0.00
MOHICAN__35_KV_115KV_LD 80490	37.81 2.31 0.02	35.43 2.11 0.00	29.18 1.79 0.00	28.32 1.71 0.00	30.35 1.89 0.00	34.06 2.00 0.00	32.91 1.89 0.07	32.58 1.86 -1.29	39.98 2.36 -0.17	43.38 2.51 0.00	44.27 2.67 0.16	47.60 3.10 0.15	77.62 4.95 1.31	187.68 11.91 7.46	210.39 13.95 1.90	296.78 20.80 0.00	310.35 22.49 0.00	886.26 66.55 0.00	195.92 16.80 0.00	105.44 8.22 0.00	225.09 17.69 0.00	95.12 6.93 0.06	48.03 3.76 0.00	42.10 3.02 0.00
MONGAUP___HYD 23641	36.94 1.40 -0.02	34.53 1.21 0.00	28.41 1.02 0.00	27.54 0.93 0.00	29.40 0.95 0.00	33.13 1.06 0.00	32.20 1.06 -0.05	25.81 0.94 4.56	37.78 0.94 0.61	41.89 1.02 0.00	42.74 0.88 -0.11	45.98 1.23 -0.10	77.01 2.19 -0.85	192.87 4.78 -4.85	206.18 6.60 -1.23	287.28 11.30 0.00	301.79 13.93 0.00	860.43 40.71 0.00	188.63 9.51 0.00	102.08 4.86 0.00	217.02 9.62 0.00	92.14 3.86 -0.04	46.67 2.40 0.00	40.71 1.62 0.00
MONTAUK___DIESEL 23721	40.94 5.24 -0.17	38.10 4.78 0.00	31.08 3.69 0.00	29.93 3.32 0.00	32.08 3.63 0.00	36.42 4.36 0.00	35.51 4.36 -0.06	39.07 3.94 -5.70	43.13 4.93 -0.76	46.46 5.46 -0.13	48.65 6.63 -0.26	63.58 7.31 -11.61	118.93 12.04 -32.91	286.38 24.64 -78.51	302.14 28.56 -75.24	383.78 42.41 -65.39	433.87 47.32 -98.68	1123.74 130.41 -173.62	425.56 27.68 -218.76	321.59 14.74 -209.63	259.59 33.52 -18.67	251.00 15.15 -147.60	53.79 7.56 -1.96	45.58 5.80 -0.70
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.28 0.75 0.00	33.96 0.65 0.00	27.48 0.08 0.00	26.82 0.21 0.00	28.72 0.27 0.00	32.77 0.71 0.00	31.98 0.88 0.00	30.17 0.73 0.00	39.05 1.60 0.00	43.58 2.71 0.00	45.22 3.46 0.00	49.47 4.81 0.00	82.92 8.95 0.00	201.75 18.52 0.00	215.22 16.88 0.00	298.36 22.37 0.00	304.80 16.66 -0.28	867.52 47.80 0.00	189.46 10.34 0.00	103.08 5.86 0.00	219.76 12.36 0.00	95.73 7.48 0.00	47.70 3.43 0.00	41.84 2.76 0.00
MORTIMER_115KV_TB3 55949	36.15 0.63 0.00	33.80 0.48 0.00	27.47 0.08 0.00	26.75 0.14 0.00	28.62 0.17 0.00	32.46 0.40 0.00	31.51 0.41 0.00	29.68 0.25 0.00	38.09 0.64 0.00	42.14 1.26 0.00	43.60 1.84 0.00	47.49 2.83 0.00	79.10 5.12 0.00	194.11 10.88 0.00	208.68 10.33 0.00	289.59 13.61 0.00	298.47 10.61 0.00	851.66 31.95 0.00	186.28 7.16 0.00	101.39 4.18 0.00	215.30 7.90 0.00	92.93 4.68 0.00	46.41 2.14 0.00	40.77 1.69 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.35 1.80 -0.02	34.98 1.67 0.00	28.79 1.40 0.00	27.89 1.28 0.00	29.77 1.31 0.00	33.54 1.48 0.00	32.67 1.52 -0.06	36.72 1.55 -5.74	40.07 1.86 -0.76	43.09 2.22 0.00	44.46 2.56 -0.13	47.93 3.15 -0.13	80.18 5.12 -1.08	200.95 11.56 -6.17	214.64 14.73 -1.57	297.90 21.92 0.00	312.92 25.07 0.00	888.68 68.96 0.00	194.04 14.92 0.00	104.59 7.38 0.00	221.97 14.57 0.00	94.20 5.89 -0.05	47.49 3.22 0.00	41.08 2.00 0.00
MUNSVILLE_WIND_PWR 323609	38.41 2.88 0.00	35.86 2.55 0.00	29.38 1.99 0.00	28.59 1.98 0.00	30.60 2.15 0.00	34.75 2.69 0.00	33.84 2.74 0.00	32.11 2.68 0.00	40.93 3.48 0.00	44.72 3.85 0.00	45.68 3.92 0.00	49.13 4.47 0.00	81.93 7.96 0.00	201.91 18.68 0.00	219.39 21.04 0.00	306.91 30.93 0.00	319.26 31.41 0.00	919.82 100.10 0.00	202.99 23.87 0.00	110.51 13.30 0.00	235.04 27.64 0.00	99.73 11.48 0.00	49.42 5.15 0.00	43.18 4.10 0.00
N SALMON___HYD 24042	35.55 0.03 0.00	33.24 -0.07 0.00	27.20 -0.18 0.00	26.44 -0.17 0.00	28.30 -0.15 0.00	31.93 -0.13 0.00	31.12 0.03 0.00	29.45 0.01 0.00	37.51 0.06 0.00	40.56 -0.32 0.00	41.14 -0.63 0.00	43.41 -1.25 0.00	-332.16 -2.09 404.05	179.83 -3.40 0.00	195.07 -3.27 0.00	270.22 -5.76 0.00	281.20 -6.66 0.00	802.09 -17.62 0.00	175.18 -3.93 0.00	95.13 -2.08 0.00	202.83 -4.57 0.00	86.14 -2.11 0.00	42.99 -1.28 0.00	38.18 -0.91 0.00
N.AKRON__115KV_KNAPP 355671	36.04 0.52 0.00	33.67 0.35 0.00	27.20 -0.19 0.00	26.54 -0.07 0.00	28.40 -0.05 0.00	32.30 0.24 0.00	31.33 0.23 0.00	29.35 -0.09 0.00	37.83 0.38 0.00	42.00 1.13 0.00	43.64 1.88 0.00	47.74 3.08 0.00	79.17 5.19 0.00	193.78 10.55 0.00	207.17 8.82 0.00	286.50 10.52 0.00	294.00 5.61 -0.53	839.32 19.60 0.00	183.94 4.82 0.00	100.31 3.09 0.00	212.96 5.55 0.00	92.83 4.58 0.00	46.64 2.37 0.00	41.09 2.01 0.00
N.BELMOR_69_KV_BK1 55787	38.24 2.55 -0.17	35.65 2.33 0.00	29.23 1.84 0.00	28.26 1.64 0.00	30.22 1.78 0.00	34.21 2.15 0.00	33.31 2.16 -0.06	36.97 1.84 -5.70	40.27 2.07 -0.76	43.47 2.47 -0.13	44.87 2.97 -0.13	48.25 3.47 -0.13	80.64 5.58 -1.08	215.84 12.90 -19.71	253.36 16.48 -38.54	366.42 25.05 -65.39	415.58 29.04 -98.68	1074.60 81.27 -173.62	415.74 17.86 -218.76	315.72 8.88 -209.63	238.60 17.46 -13.74	243.27 7.43 -147.60	54.04 3.93 -5.84	41.97 2.70 -0.18

N.E_GEN_SANDY PD 24062	36.22 0.86 0.17	34.85 0.92 -0.62	28.01 0.86 0.24	27.41 0.79 0.00	29.29 0.84 0.00	32.73 0.79 0.12	31.26 0.63 0.46	32.16 0.68 -2.04	38.50 0.77 -0.28	41.75 0.88 0.00	41.65 0.98 1.10	44.31 1.27 1.62	70.00 1.59 5.57	132.27 2.77 53.73	190.16 4.62 12.80	259.05 7.11 24.04	250.88 11.41 48.39	773.05 33.12 79.78	268.24 8.18 -80.93	101.14 3.92 0.00	230.24 8.44 -14.40	86.51 2.88 4.61	46.18 1.91 0.00	42.58 1.25 -2.25
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.93 1.39 -0.02	34.56 1.24 0.00	28.45 1.06 0.00	27.60 0.99 0.00	29.44 0.99 0.00	33.17 1.11 0.00	32.25 1.11 -0.05	22.85 1.14 7.72	37.76 1.34 1.03	42.55 1.68 0.00	43.91 2.02 -0.12	47.37 2.60 -0.11	79.29 4.33 -0.98	198.68 9.85 -5.60	212.26 12.49 -1.42	294.83 18.85 0.00	309.28 21.42 0.00	878.34 58.62 0.00	191.93 12.81 0.00	103.53 6.32 0.00	219.74 12.34 0.00	93.24 4.95 -0.05	46.98 2.71 0.00	40.69 1.60 0.00
N.QUEENS_27_KV_LOAD 356247	37.36 1.82 -0.02	34.96 1.65 0.00	28.78 1.39 0.00	27.87 1.26 0.00	29.75 1.30 0.00	33.53 1.47 0.00	32.71 1.56 -0.06	36.77 1.59 -5.74	40.16 1.95 -0.76	43.12 2.25 0.00	44.44 2.55 -0.13	47.92 3.14 -0.13	80.20 5.14 -1.08	201.08 11.68 -6.17	215.23 15.32 -1.57	298.37 22.38 0.00	313.04 25.18 0.00	889.30 69.58 0.00	193.96 14.84 0.00	104.65 7.44 0.00	222.37 14.97 0.01	94.27 5.97 -0.04	47.50 3.24 0.01	41.01 1.93 0.00
N.TROY____115KV_TB1 355778	36.58 1.09 0.03	34.42 1.10 0.00	28.41 1.02 0.00	27.57 0.95 0.00	29.49 1.03 0.00	33.07 1.01 0.00	31.83 0.82 0.09	31.64 0.85 -1.36	38.63 1.00 -0.18	41.94 1.07 0.00	42.69 1.14 0.21	45.83 1.37 0.19	74.04 1.72 1.65	177.08 3.28 9.43	200.88 4.94 2.40	283.28 7.30 0.00	298.68 10.82 0.00	852.60 32.88 0.00	187.57 8.45 0.00	101.40 4.19 0.00	216.82 9.42 0.00	91.56 3.39 0.08	46.41 2.14 0.00	40.67 1.58 0.00
NARROWS_GT1_1 24228	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.63 2.73 -0.13	48.21 3.42 -0.13	80.55 5.49 -1.09	200.76 11.36 -6.17	214.52 14.61 -1.57	297.58 21.60 0.00	312.06 24.21 0.00	885.48 65.76 0.00	193.24 14.12 0.00	102.46 6.92 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
NARROWS_GT1_2 24229	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.63 2.73 -0.13	48.21 3.42 -0.13	80.55 5.49 -1.09	200.76 11.36 -6.17	214.52 14.61 -1.57	297.58 21.60 0.00	312.06 24.21 0.00	885.48 65.76 0.00	193.24 14.12 0.00	102.46 6.92 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
NARROWS_GT1_3 24230	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.63 2.73 -0.13	48.21 3.42 -0.13	80.55 5.49 -1.09	200.76 11.36 -6.17	214.52 14.61 -1.57	297.58 21.60 0.00	312.06 24.21 0.00	885.48 65.76 0.00	193.24 14.12 0.00	102.46 6.92 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
NARROWS_GT1_4 24231	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.63 2.73 -0.13	48.21 3.42 -0.13	80.55 5.49 -1.09	200.76 11.36 -6.17	214.52 14.61 -1.57	297.58 21.60 0.00	312.06 24.21 0.00	885.48 65.76 0.00	193.24 14.12 0.00	102.46 6.92 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
NARROWS_GT1_5 24232	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.63 2.73 -0.13	48.21 3.42 -0.13	80.55 5.49 -1.09	200.76 11.36 -6.17	214.52 14.61 -1.57	297.58 21.60 0.00	312.06 24.21 0.00	885.48 65.76 0.00	193.24 14.12 0.00	102.46 6.92 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
NARROWS_GT1_6 24233	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.63 2.73 -0.13	48.21 3.42 -0.13	80.55 5.49 -1.09	200.76 11.36 -6.17	214.52 14.61 -1.57	297.58 21.60 0.00	312.06 24.21 0.00	885.48 65.76 0.00	193.24 14.12 0.00	102.46 6.92 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
NARROWS_GT1_7 24234	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.63 2.73 -0.13	48.21 3.42 -0.13	80.55 5.49 -1.09	200.76 11.36 -6.17	214.52 14.61 -1.57	297.58 21.60 0.00	312.06 24.21 0.00	885.48 65.76 0.00	193.24 14.12 0.00	102.46 6.92 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
NARROWS_GT1_8 24235	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.63 2.73 -0.13	48.21 3.42 -0.13	80.55 5.49 -1.09	200.76 11.36 -6.17	214.52 14.61 -1.57	297.58 21.60 0.00	312.06 24.21 0.00	885.48 65.76 0.00	193.24 14.12 0.00	102.46 6.92 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
NARROWS_GT2_1 24236	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.63 2.73 -0.13	48.21 3.42 -0.13	80.55 5.49 -1.09	200.76 11.36 -6.17	214.52 14.61 -1.57	297.58 21.60 0.00	312.06 24.21 0.00	885.48 65.76 0.00	193.24 14.12 0.00	102.46 6.92 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
NARROWS_GT2_2 24237	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.63 2.73 -0.13	48.21 3.42 -0.13	80.55 5.49 -1.09	200.76 11.36 -6.17	214.52 14.61 -1.57	297.58 21.60 0.00	312.06 24.21 0.00	885.48 65.76 0.00	193.24 14.12 0.00	102.46 6.92 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
NARROWS_GT2_3 24238	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.63 2.73 -0.13	48.21 3.42 -0.13	80.55 5.49 -1.09	200.76 11.36 -6.17	214.52 14.61 -1.57	297.58 21.60 0.00	312.06 24.21 0.00	885.48 65.76 0.00	193.24 14.12 0.00	102.46 6.92 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00

NARROWS_GT2_4 24239	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.63 2.73 -0.13	48.21 3.42 -0.13	80.55 5.49 -1.09	200.76 11.36 -6.17	214.52 14.61 -1.57	297.58 21.60 0.00	312.06 24.21 0.00	885.48 65.76 0.00	193.24 14.12 0.00	102.46 6.92 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
NARROWS_GT2_5 24240	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.63 2.73 -0.13	48.21 3.42 -0.13	80.55 5.49 -1.09	200.76 11.36 -6.17	214.52 14.61 -1.57	297.58 21.60 0.00	312.06 24.21 0.00	885.48 65.76 0.00	193.24 14.12 0.00	102.46 6.92 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
NARROWS_GT2_6 24241	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.63 2.73 -0.13	48.21 3.42 -0.13	80.55 5.49 -1.09	200.76 11.36 -6.17	214.52 14.61 -1.57	297.58 21.60 0.00	312.06 24.21 0.00	885.48 65.76 0.00	193.24 14.12 0.00	102.46 6.92 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
NARROWS_GT2_7 24242	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.63 2.73 -0.13	48.21 3.42 -0.13	80.55 5.49 -1.09	200.76 11.36 -6.17	214.52 14.61 -1.57	297.58 21.60 0.00	312.06 24.21 0.00	885.48 65.76 0.00	193.24 14.12 0.00	102.46 6.92 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
NARROWS_GT2_8 24243	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.63 2.73 -0.13	48.21 3.42 -0.13	80.55 5.49 -1.09	200.76 11.36 -6.17	214.52 14.61 -1.57	297.58 21.60 0.00	312.06 24.21 0.00	885.48 65.76 0.00	193.24 14.12 0.00	102.46 6.92 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.07 1.99 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.99 1.47 0.01	34.75 1.43 0.00	28.70 1.31 0.00	27.85 1.23 0.00	29.77 1.32 0.00	33.43 1.37 0.00	32.31 1.24 0.03	31.72 1.29 -1.00	38.91 1.33 -0.13	41.91 1.04 0.00	42.60 0.91 0.07	45.42 0.83 0.07	74.35 0.94 0.56	182.20 2.18 3.21	201.29 3.76 0.82	281.54 5.56 0.00	297.84 9.98 0.00	853.25 33.53 0.00	188.62 9.50 0.00	102.43 5.22 0.00	218.92 11.52 0.00	92.76 4.54 0.03	46.95 2.68 0.00	41.16 2.08 0.00
NCHELSEA_115KV_TR2 355582	37.32 1.78 -0.02	34.95 1.63 0.00	28.77 1.38 0.00	27.89 1.27 0.00	29.78 1.32 0.00	33.53 1.47 0.00	32.61 1.48 -0.04	32.81 1.66 -1.72	39.74 2.06 -0.23	43.32 2.45 0.00	44.64 2.78 -0.10	48.06 3.31 -0.09	79.81 5.02 -0.81	198.27 10.43 -4.61	212.73 13.22 -1.17	296.07 20.08 0.00	311.55 23.70 0.00	885.25 65.53 0.00	193.69 14.57 0.00	104.54 7.32 0.00	221.87 14.47 0.00	93.99 5.70 -0.04	47.36 3.09 0.00	41.05 1.97 0.00
NEG CAPITAL___MECHNVIL 23645	37.26 1.76 0.03	34.96 1.65 0.00	28.84 1.45 0.00	27.98 1.37 0.00	29.93 1.48 0.00	33.62 1.56 0.00	32.48 1.46 0.08	32.17 1.42 -1.32	39.40 1.77 -0.18	42.83 1.96 0.00	43.67 2.09 0.18	46.94 2.45 0.17	76.28 3.74 1.45	183.66 8.68 8.24	206.84 10.60 2.09	291.69 15.71 0.00	306.54 18.69 0.00	875.52 55.81 0.00	192.68 13.57 0.00	104.10 6.89 0.00	222.17 14.77 0.00	93.88 5.69 0.07	47.42 3.15 0.00	41.51 2.43 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.53 0.01 0.00	33.22 -0.09 0.00	27.05 -0.34 0.00	26.34 -0.28 0.00	28.18 -0.28 0.00	31.95 -0.12 0.00	31.07 -0.03 0.00	29.33 -0.10 0.00	37.58 0.14 0.00	41.53 0.65 0.00	42.90 1.14 0.00	46.64 1.98 0.00	77.65 3.67 0.00	190.86 7.63 0.00	205.64 7.30 0.00	285.73 9.75 0.00	295.66 7.81 0.00	842.92 23.20 0.00	184.47 5.35 0.00	100.29 3.07 0.00	213.12 5.72 0.00	91.45 3.20 0.00	45.57 1.30 0.00	39.99 0.90 0.00
NEG CENTRAL___DRP 24199	36.10 0.57 0.00	33.77 0.46 0.00	27.62 0.23 0.00	26.88 0.27 0.00	28.74 0.29 0.00	32.57 0.51 0.00	31.69 0.60 0.00	30.00 0.57 0.00	38.19 0.74 0.00	42.03 1.16 0.00	43.27 1.51 0.00	46.74 2.08 0.00	54.84 3.75 22.88	191.23 8.01 0.00	206.88 8.54 0.00	288.00 12.02 0.00	298.90 11.04 0.00	851.37 31.66 0.00	186.82 7.70 0.00	101.73 4.51 0.00	216.73 9.33 0.00	92.42 4.17 0.00	46.11 1.84 0.00	40.40 1.32 0.00
NEG CENTRAL___INDECK 23768	37.11 1.58 0.00	34.65 1.34 0.00	28.14 0.76 0.00	27.44 0.82 0.00	29.33 0.88 0.00	33.19 1.13 0.00	31.88 0.79 0.00	29.93 0.50 0.00	38.18 0.73 0.00	41.82 0.95 0.00	43.27 1.51 0.00	46.80 2.14 0.00	77.30 3.32 0.00	185.44 2.21 0.00	199.53 1.19 0.00	275.30 -0.68 0.00	283.98 -3.88 0.00	810.38 -9.34 0.00	180.09 0.97 0.00	99.39 2.18 0.00	211.92 4.52 0.00	94.54 6.29 0.00	47.21 2.94 0.00	41.40 2.31 0.00
NEG CENTRAL___SENECA 23627	36.17 0.65 0.00	33.85 0.54 0.00	27.64 0.25 0.00	26.92 0.30 0.00	28.78 0.33 0.00	32.65 0.58 0.00	31.82 0.72 0.00	30.10 0.66 0.00	38.35 0.90 0.00	42.26 1.39 0.00	43.59 1.83 0.00	47.19 2.53 0.00	78.59 4.61 0.00	192.99 9.75 0.00	208.83 10.48 0.00	290.68 14.70 0.00	301.14 13.28 0.00	858.97 39.26 0.00	188.55 9.43 0.00	102.69 5.47 0.00	218.51 11.11 0.00	93.37 5.12 0.00	46.50 2.23 0.00	40.74 1.65 0.00
NEG CENTRAL___STATE_STREET 24147	36.53 1.01 0.00	34.23 0.91 0.00	27.97 0.58 0.00	27.25 0.64 0.00	29.17 0.72 0.00	33.04 0.98 0.00	31.99 0.89 0.00	30.37 0.93 0.00	38.58 1.13 0.00	42.48 1.61 0.00	43.59 1.83 0.00	47.01 2.35 0.00	52.84 4.01 25.15	192.24 9.01 0.00	207.42 9.08 0.00	288.90 12.92 0.00	300.63 12.77 0.00	855.82 36.11 0.00	187.79 8.67 0.00	102.29 5.08 0.00	218.84 11.44 0.00	92.96 4.71 0.00	46.37 2.10 0.00	40.56 1.48 0.00
NEG MILLWOOD___DRP 24198	37.44 1.90 -0.02	35.05 1.74 0.00	28.85 1.46 0.00	27.96 1.35 0.00	29.84 1.40 0.00	33.62 1.56 0.00	32.72 1.58 -0.05	33.70 1.65 -2.62	39.83 2.04 -0.35	43.31 2.44 0.00	44.67 2.79 -0.11	48.18 3.42 -0.11	80.42 5.51 -0.93	200.98 12.46 -5.29	215.19 15.50 -1.34	299.36 23.38 0.00	314.80 26.94 0.00	894.67 74.95 0.00	195.55 16.43 0.00	105.54 8.32 0.00	223.86 16.46 0.00	94.84 6.55 -0.04	47.72 3.45 0.00	41.33 2.25 0.00
NEG NORTH_FLCN_SEA 23793	35.72 0.19 0.00	33.52 0.20 0.00	27.48 0.09 0.00	26.70 0.09 0.00	28.62 0.18 0.00	32.21 0.15 0.00	31.35 0.25 0.00	29.55 0.12 0.00	37.62 0.17 0.00	40.61 -0.26 0.00	41.26 -0.50 0.00	43.78 -0.88 0.00	72.30 -1.68 0.00	180.24 -2.99 0.00	195.76 -2.59 0.00	271.32 -4.66 0.00	282.44 -5.41 0.00	805.10 -14.62 0.00	175.93 -3.19 0.00	95.21 -2.00 0.00	203.10 -4.30 0.00	86.07 -2.18 0.00	43.10 -1.17 0.00	38.14 -0.94 0.00



NEG NORTH_KES_CHATEGAY 23792	35.46 -0.07 0.00	33.23 -0.09 0.00	27.24 -0.15 0.00	26.48 -0.14 0.00	28.36 -0.09 0.00	31.97 -0.09 0.00	31.11 0.01 0.00	29.43 0.00 0.00	37.48 0.03 0.00	40.54 -0.33 0.00	41.11 -0.65 0.00	43.52 -1.14 0.00	-49.29 -1.92 121.35	179.73 -3.50 0.00	194.85 -3.49 0.00	270.32 -5.66 0.00	281.01 -6.85 0.00	801.77 -17.95 0.00	175.02 -4.10 0.00	94.94 -2.27 0.00	202.63 -4.77 0.00	86.05 -2.20 0.00	42.99 -1.28 0.00	38.12 -0.96 0.00
NEG NORTH___ALICE_FALLS 23915	35.95 0.42 0.00	33.67 0.36 0.00	27.61 0.22 0.00	26.81 0.20 0.00	28.74 0.29 0.00	32.36 0.30 0.00	31.53 0.43 0.00	29.77 0.34 0.00	37.90 0.45 0.00	40.94 0.07 0.00	41.60 -0.16 0.00	44.13 -0.53 0.00	38.29 -1.07 34.62	181.92 -1.31 0.00	197.33 -1.01 0.00	273.66 -2.32 0.00	284.92 -2.94 0.00	813.21 -6.50 0.00	177.73 -1.39 0.00	96.27 -0.95 0.00	205.33 -2.07 0.00	87.02 -1.23 0.00	43.51 -0.76 0.00	38.48 -0.60 0.00
NEG NORTH___LWR_SARANAC 23913	35.95 0.42 0.00	33.67 0.36 0.00	27.61 0.22 0.00	26.81 0.20 0.00	28.74 0.29 0.00	32.36 0.30 0.00	31.53 0.43 0.00	29.77 0.34 0.00	37.90 0.45 0.00	40.94 0.07 0.00	41.60 -0.16 0.00	44.13 -0.53 0.00	38.29 -1.07 34.62	181.92 -1.31 0.00	197.33 -1.01 0.00	273.66 -2.32 0.00	284.92 -2.94 0.00	813.21 -6.50 0.00	177.73 -1.39 0.00	96.27 -0.95 0.00	205.33 -2.07 0.00	87.02 -1.23 0.00	43.51 -0.76 0.00	38.48 -0.60 0.00
NEG NORTH___PLATTSBURG 23628	35.95 0.42 0.00	33.67 0.36 0.00	27.61 0.22 0.00	26.81 0.20 0.00	28.74 0.29 0.00	32.36 0.30 0.00	31.53 0.43 0.00	29.77 0.34 0.00	37.90 0.45 0.00	40.94 0.07 0.00	41.60 -0.16 0.00	44.13 -0.53 0.00	38.29 -1.07 34.62	181.92 -1.31 0.00	197.34 -1.00 0.00	273.68 -2.30 0.00	284.92 -2.94 0.00	813.21 -6.50 0.00	177.73 -1.38 0.00	96.26 -0.95 0.00	205.32 -2.08 0.00	87.02 -1.23 0.00	43.51 -0.76 0.00	38.48 -0.60 0.00
NEG WEST_LEA_LOCKPORT 23791	35.39 -0.14 0.00	33.09 -0.22 0.00	26.73 -0.67 0.00	26.10 -0.52 0.00	27.92 -0.53 0.00	31.76 -0.31 0.00	30.75 -0.35 0.00	28.73 -0.70 0.00	37.03 -0.42 0.00	41.16 0.29 0.00	42.79 1.03 0.00	46.85 2.19 0.00	77.93 3.96 0.00	190.20 6.97 0.00	203.20 4.86 0.00	281.10 5.12 0.00	288.22 -0.14 -0.50	821.95 2.24 0.00	179.66 0.54 0.00	97.93 0.72 0.00	208.26 0.85 0.00	90.96 2.71 0.00	45.57 1.30 0.00	40.23 1.15 0.00
NEG WEST___LANCASTR 23811	36.01 0.48 0.00	33.61 0.30 0.00	27.22 -0.17 0.00	26.58 -0.04 0.00	28.44 -0.01 0.00	32.35 0.29 0.00	31.41 0.32 0.00	29.55 0.11 0.00	38.05 0.60 0.00	42.27 1.40 0.00	43.79 2.03 0.00	47.84 3.18 0.00	79.89 5.91 0.00	194.82 11.59 0.00	209.30 10.96 0.00	290.06 14.08 0.00	296.42 8.21 -0.35	843.48 23.76 0.00	184.01 4.89 0.00	100.21 3.00 0.00	213.49 6.09 0.00	92.47 4.22 0.00	46.20 1.93 0.00	40.65 1.56 0.00
NEG_PENN_ALLEGHNY 23528	36.12 0.59 0.00	33.76 0.45 0.00	27.67 0.28 0.00	26.92 0.30 0.00	28.76 0.31 0.00	32.56 0.50 0.00	31.68 0.59 0.00	29.98 0.55 0.00	38.23 0.78 0.00	41.99 1.12 0.00	43.10 1.34 0.00	46.47 1.82 0.00	77.24 3.26 0.00	189.73 6.50 0.00	206.12 7.78 0.00	287.10 11.11 0.00	298.14 10.28 0.00	848.41 28.69 0.00	185.85 6.73 0.00	100.94 3.72 0.00	215.25 7.85 0.00	91.70 3.45 0.00	45.94 1.67 0.00	40.32 1.23 0.00
NEG___GEN_MONROE 24207	36.39 0.87 0.00	34.02 0.71 0.00	27.62 0.23 0.00	26.92 0.31 0.00	28.81 0.36 0.00	32.71 0.64 0.00	31.74 0.65 0.00	29.87 0.43 0.00	38.42 0.97 0.00	42.46 1.59 0.00	43.94 2.18 0.00	47.83 3.18 0.00	79.66 5.68 0.00	195.41 12.18 0.00	209.55 11.21 0.00	290.91 14.93 0.00	299.34 11.48 0.00	855.19 35.48 0.00	187.28 8.15 0.00	102.03 4.81 0.00	216.94 9.53 0.00	93.70 5.45 0.00	46.90 2.62 0.00	41.15 2.07 0.00
NEPA___ENERGY 23901	35.86 0.33 0.00	33.41 0.09 0.00	27.05 -0.34 0.00	26.41 -0.20 0.00	28.27 -0.19 0.00	32.27 0.21 0.00	31.45 0.36 0.00	29.63 0.19 0.00	38.09 0.64 0.00	42.29 1.42 0.00	43.79 2.03 0.00	47.83 3.17 0.00	80.11 6.14 0.00	194.82 11.59 0.00	209.79 11.44 0.00	291.17 15.19 0.00	297.93 9.85 -0.22	847.38 27.67 0.00	185.18 6.06 0.00	100.80 3.58 0.00	215.10 7.70 0.00	92.87 4.62 0.00	46.39 2.12 0.00	40.77 1.69 0.00
NEVERSINK___HYD 23608	36.68 1.14 -0.01	34.30 0.99 0.00	28.22 0.83 0.00	27.38 0.76 0.00	29.21 0.76 0.00	32.92 0.86 0.00	32.04 0.91 -0.03	29.40 0.95 0.99	38.45 1.14 0.13	42.33 1.45 0.00	43.52 1.69 -0.06	46.66 1.94 -0.06	76.16 1.66 -0.52	189.04 2.85 -2.96	204.17 5.08 -0.75	284.43 8.45 0.00	299.18 11.32 0.00	851.23 31.52 0.00	186.25 7.13 0.00	100.73 3.52 0.00	213.82 6.42 0.00	90.75 2.48 -0.02	45.52 1.25 0.00	39.59 0.51 0.00
NEWKRMKL_115KV_TB1 55635	36.00 0.50 0.02	33.86 0.55 0.00	27.97 0.58 0.00	27.13 0.52 0.00	29.00 0.55 0.00	32.55 0.49 0.00	31.37 0.34 0.06	31.15 0.39 -1.33	38.01 0.39 -0.18	41.26 0.39 0.00	42.06 0.45 0.15	45.09 0.57 0.14	73.25 0.45 1.18	176.87 0.34 6.70	198.30 1.66 1.70	279.05 3.07 0.00	294.02 6.16 0.00	838.37 18.66 0.00	184.19 5.07 0.00	99.56 2.35 0.00	212.62 5.22 0.00	90.01 1.81 0.05	45.62 1.35 0.00	39.96 0.87 0.00
NEWTON___FALLS_HYD 23847	35.51 -0.02 0.00	32.94 -0.37 0.00	26.86 -0.53 0.00	26.20 -0.41 0.00	28.06 -0.39 0.00	31.73 -0.33 0.00	30.95 -0.14 0.00	29.25 -0.19 0.00	37.20 -0.24 0.00	40.36 -0.51 0.00	40.90 -0.86 0.00	42.97 -1.68 0.00	-772.76 -3.44 843.29	176.47 -6.76 0.00	193.26 -5.08 0.00	267.47 -8.51 0.00	279.40 -8.46 0.00	793.06 -26.65 0.00	173.48 -5.64 0.00	94.66 -2.55 0.00	202.43 -4.97 0.00	86.26 -1.99 0.00	43.07 -1.20 0.00	38.15 -0.93 0.00
NGRID_A1_DSASP 323792	35.09 -0.44 0.00	32.84 -0.48 0.00	26.52 -0.87 0.00	25.91 -0.71 0.00	27.73 -0.72 0.00	31.51 -0.55 0.00	30.47 -0.63 0.00	28.36 -1.07 0.00	36.55 -0.90 0.00	40.61 -0.27 0.00	42.23 0.47 0.00	46.19 1.53 0.00	76.94 2.97 0.00	187.47 4.24 0.00	200.40 2.06 0.00	277.02 1.04 0.00	281.22 -4.56 2.08	808.92 -10.80 0.00	176.90 -2.22 0.00	96.41 -0.80 0.00	204.74 -2.66 0.00	89.57 1.32 0.00	44.90 0.63 0.00	39.79 0.71 0.00
NGRID_A2_DSASP 323793	35.09 -0.44 0.00	32.84 -0.48 0.00	26.52 -0.87 0.00	25.91 -0.71 0.00	27.73 -0.72 0.00	31.51 -0.55 0.00	30.47 -0.63 0.00	28.36 -1.07 0.00	36.55 -0.90 0.00	40.61 -0.27 0.00	42.23 0.47 0.00	46.19 1.53 0.00	76.94 2.97 0.00	187.47 4.24 0.00	200.40 2.06 0.00	277.02 1.04 0.00	281.22 -4.56 2.08	808.92 -10.80 0.00	176.90 -2.22 0.00	96.41 -0.80 0.00	204.74 -2.66 0.00	89.57 1.32 0.00	44.90 0.63 0.00	39.79 0.71 0.00
NGRID_A4_DSASP 323807	35.09 -0.44 0.00	32.83 -0.48 0.00	26.52 -0.87 0.00	25.91 -0.71 0.00	27.73 -0.72 0.00	31.50 -0.56 0.00	30.46 -0.63 0.00	28.36 -1.08 0.00	36.55 -0.90 0.00	40.61 -0.27 0.00	42.22 0.46 0.00	46.19 1.53 0.00	76.96 2.98 0.00	187.62 4.39 0.00	200.40 2.06 0.00	276.93 0.95 0.00	281.14 -4.64 2.08	808.99 -10.72 0.00	176.90 -2.23 0.00	96.41 -0.80 0.00	204.63 -2.77 0.00	89.59 1.34 0.00	44.90 0.63 0.00	39.76 0.68 0.00

NIAGARA_115E_LBMP 323715	34.98 -0.55 0.00	32.70 -0.61 0.00	26.42 -0.97 0.00	25.81 -0.80 0.00	27.60 -0.86 0.00	31.40 -0.66 0.00	30.35 -0.74 0.00	28.38 -1.06 0.00	36.62 -0.83 0.00	40.68 -0.19 0.00	42.29 0.53 0.00	46.28 1.62 0.00	77.04 3.06 0.00	187.60 4.37 0.00	200.47 2.13 0.00	277.25 1.26 0.00	283.99 -4.12 -0.25	810.22 -9.49 0.00	177.32 -1.80 0.00	96.69 -0.52 0.00	205.38 -2.02 0.00	89.77 1.53 0.00	45.06 0.79 0.00	39.91 0.83 0.00
NIAGARA_115W_LBMP 323714	35.01 -0.52 0.00	32.76 -0.55 0.00	26.46 -0.92 0.00	25.86 -0.76 0.00	27.67 -0.78 0.00	31.44 -0.62 0.00	30.39 -0.71 0.00	28.28 -1.15 0.00	36.45 -1.00 0.00	40.49 -0.39 0.00	42.10 0.34 0.00	46.06 1.40 0.00	76.69 2.71 0.00	186.88 3.64 0.00	199.78 1.44 0.00	276.14 0.16 0.00	280.48 -5.49 1.89	806.23 -13.48 0.00	176.36 -2.76 0.00	96.14 -1.08 0.00	204.10 -3.30 0.00	89.30 1.05 0.00	44.77 0.51 0.00	39.68 0.60 0.00
NIAGARA_230_LBMP 323716	35.18 -0.35 0.00	32.92 -0.39 0.00	26.60 -0.79 0.00	25.99 -0.63 0.00	27.82 -0.63 0.00	31.60 -0.46 0.00	30.57 -0.52 0.00	28.59 -0.84 0.00	36.85 -0.59 0.00	40.94 0.06 0.00	42.50 0.73 0.00	46.49 1.84 0.00	77.50 3.53 0.00	188.89 5.66 0.00	202.11 3.77 0.00	279.61 3.63 0.00	286.08 -1.53 0.25	817.31 -2.41 0.00	178.43 -0.69 0.00	97.27 0.06 0.00	206.74 -0.66 0.00	90.20 1.95 0.00	45.19 0.92 0.00	39.95 0.86 0.00
NIAGARA__115KV_198_GIBSON 55903	35.01 -0.51 0.00	32.76 -0.55 0.00	26.47 -0.92 0.00	25.86 -0.76 0.00	27.67 -0.78 0.00	31.43 -0.63 0.00	30.39 -0.71 0.00	28.28 -1.16 0.00	36.45 -1.00 0.00	40.49 -0.38 0.00	42.10 0.33 0.00	46.05 1.40 0.00	76.72 2.74 0.00	187.03 3.80 0.00	199.77 1.43 0.00	276.04 0.06 0.00	280.41 -5.56 1.89	806.24 -13.48 0.00	176.36 -2.76 0.00	96.13 -1.09 0.00	204.01 -3.39 0.00	89.32 1.07 0.00	44.77 0.50 0.00	39.66 0.58 0.00
NIAGARA____ 23760	35.18 -0.35 0.00	32.92 -0.39 0.00	26.60 -0.79 0.00	25.99 -0.63 0.00	27.82 -0.63 0.00	31.60 -0.46 0.00	30.57 -0.52 0.00	28.59 -0.84 0.00	36.85 -0.59 0.00	40.94 0.06 0.00	42.50 0.73 0.00	46.49 1.84 0.00	77.50 3.53 0.00	188.89 5.66 0.00	202.11 3.77 0.00	279.61 3.63 0.00	285.80 -1.53 0.53	817.31 -2.41 0.00	178.43 -0.69 0.00	97.27 0.06 0.00	206.74 -0.66 0.00	90.20 1.95 0.00	45.19 0.92 0.00	39.95 0.86 0.00
NINE_MILE_1 23575	35.02 -0.51 0.00	32.80 -0.52 0.00	26.91 -0.47 0.00	26.16 -0.45 0.00	27.97 -0.47 0.00	31.58 -0.48 0.00	30.64 -0.45 0.00	28.99 -0.45 0.00	36.92 -0.53 0.00	40.43 -0.44 0.00	41.45 -0.30 0.00	44.52 -0.14 0.00	73.76 -0.22 0.00	182.11 -1.12 0.00	197.07 -1.27 0.00	274.21 -1.77 0.00	285.35 -2.51 0.00	811.00 -8.72 0.00	177.40 -1.72 0.00	96.42 -0.79 0.00	205.84 -1.56 0.00	87.69 -0.56 0.00	43.89 -0.38 0.00	38.65 -0.43 0.00
NINE_MILE_2 23744	35.02 -0.50 0.00	32.80 -0.51 0.00	26.92 -0.47 0.00	26.16 -0.45 0.00	27.98 -0.47 0.00	31.58 -0.48 0.00	30.64 -0.45 0.00	28.99 -0.44 0.00	36.92 -0.53 0.00	40.44 -0.43 0.00	41.45 -0.30 0.00	44.52 -0.13 0.00	73.77 -0.21 0.00	182.13 -1.10 0.00	197.09 -1.25 0.00	274.21 -1.77 0.00	285.40 -2.46 0.00	811.13 -8.58 0.00	177.40 -1.72 0.00	96.43 -0.78 0.00	205.86 -1.54 0.00	87.69 -0.56 0.00	43.89 -0.38 0.00	38.66 -0.43 0.00
NM_CAPITAL____DRP 24208	36.03 0.53 0.02	33.91 0.60 0.00	28.01 0.62 0.00	27.18 0.56 0.00	29.05 0.60 0.00	32.59 0.53 0.00	31.39 0.37 0.07	31.21 0.42 -1.35	38.05 0.42 -0.18	41.30 0.43 0.00	42.09 0.49 0.16	45.12 0.61 0.15	73.16 0.46 1.29	176.22 0.31 7.33	198.14 1.66 1.86	278.96 2.98 0.00	294.05 6.19 0.00	838.44 18.73 0.00	184.28 5.16 0.00	99.61 2.40 0.00	212.75 5.35 0.00	90.01 1.82 0.06	45.66 1.39 0.00	40.00 0.91 0.00
NM_CENTRAL____DRP 24181	35.75 0.22 0.00	33.46 0.15 0.00	27.45 0.05 0.00	26.67 0.06 0.00	28.52 0.07 0.00	32.21 0.15 0.00	31.25 0.16 0.00	29.54 0.11 0.00	37.68 0.23 0.00	41.32 0.45 0.00	42.42 0.66 0.00	45.65 0.99 0.00	39.09 1.76 36.65	186.83 3.59 0.00	202.35 4.01 0.00	281.72 5.74 0.00	293.00 5.15 0.00	832.65 12.94 0.00	182.21 3.10 0.00	99.04 1.83 0.00	211.16 3.76 0.00	89.93 1.68 0.00	44.98 0.71 0.00	39.52 0.44 0.00
NM_FRONTIER____DRP 24179	35.01 -0.51 0.00	32.76 -0.55 0.00	26.47 -0.92 0.00	25.86 -0.76 0.00	27.67 -0.78 0.00	31.43 -0.63 0.00	30.39 -0.71 0.00	28.28 -1.16 0.00	36.45 -1.00 0.00	40.49 -0.38 0.00	42.10 0.33 0.00	46.05 1.40 0.00	76.72 2.74 0.00	187.03 3.80 0.00	199.77 1.43 0.00	276.04 0.06 0.00	280.41 -5.56 1.89	806.24 -13.48 0.00	176.36 -2.76 0.00	96.13 -1.09 0.00	204.01 -3.39 0.00	89.32 1.07 0.00	44.77 0.50 0.00	39.66 0.58 0.00
NM_ST_REGIS____HYD 24053	35.09 -0.44 0.00	32.71 -0.61 0.00	26.67 -0.72 0.00	25.92 -0.70 0.00	27.69 -0.76 0.00	31.24 -0.83 0.00	30.50 -0.59 0.00	28.81 -0.63 0.00	36.67 -0.78 0.00	39.61 -1.26 0.00	40.12 -1.64 0.00	41.97 -2.69 0.00	-998.81 -4.75 1068.04	174.74 -8.49 0.00	189.84 -8.50 0.00	262.63 -13.35 0.00	273.26 -14.60 0.00	778.99 -40.73 0.00	170.17 -8.95 0.00	92.54 -4.68 0.00	196.65 -10.76 0.00	83.65 -4.60 0.00	41.79 -2.49 0.00	37.37 -1.71 0.00
NORTHPORT____1 23551	38.12 2.42 -0.17	35.54 2.23 0.00	29.07 1.68 0.00	28.04 1.42 0.00	30.05 1.60 0.00	34.11 2.04 0.00	33.20 2.05 -0.06	36.76 1.63 -5.70	39.89 1.68 -0.76	42.92 1.92 -0.13	44.34 2.45 -0.13	46.65 2.79 0.80	76.47 4.23 1.74	205.30 9.19 -12.89	242.61 12.47 -31.80	360.76 19.39 -65.39	409.88 23.33 -98.68	1058.68 65.34 -173.62	412.59 14.71 -218.76	314.18 7.34 -209.63	235.85 14.34 -14.11	242.18 6.34 -147.60	49.47 3.37 -1.83	41.34 2.09 -0.17
NORTHPORT____2 23552	38.12 2.42 -0.17	35.54 2.23 0.00	29.07 1.68 0.00	28.04 1.42 0.00	30.05 1.60 0.00	34.11 2.04 0.00	33.20 2.05 -0.06	36.76 1.63 -5.70	39.89 1.68 -0.76	42.92 1.92 -0.13	44.34 2.45 -0.13	46.65 2.79 0.80	76.47 4.23 1.74	205.30 9.19 -12.89	242.61 12.47 -31.80	360.76 19.39 -65.39	409.88 23.33 -98.68	1058.68 65.34 -173.62	412.59 14.71 -218.76	314.18 7.34 -209.63	235.85 14.34 -14.11	242.18 6.34 -147.60	49.47 3.37 -1.83	41.34 2.09 -0.17
NORTHPORT____3 23553	38.04 2.35 -0.17	35.50 2.18 0.00	29.05 1.66 0.00	28.03 1.42 0.00	30.02 1.57 0.00	34.02 1.96 0.00	33.15 2.00 -0.06	36.78 1.64 -5.70	39.97 1.77 -0.76	43.15 2.15 -0.13	44.64 2.76 -0.13	46.86 3.09 0.89	76.90 4.67 1.74	206.57 10.46 -12.88	243.93 13.80 -31.79	362.57 21.20 -65.39	411.67 25.13 -98.68	1063.43 70.10 -173.62	413.47 15.59 -218.76	314.60 7.76 -209.63	235.60 15.35 -12.84	242.48 6.63 -147.60	49.55 3.47 -1.81	41.50 2.28 -0.13
NORTHPORT____4 23650	38.04 2.35 -0.17	35.50 2.18 0.00	29.05 1.66 0.00	28.03 1.42 0.00	30.02 1.57 0.00	34.02 1.96 0.00	33.15 2.00 -0.06	36.78 1.64 -5.70	39.97 1.77 -0.76	43.15 2.15 -0.13	44.64 2.76 -0.13	46.86 3.09 0.89	76.90 4.67 1.74	206.57 10.46 -12.88	243.93 13.80 -31.79	362.57 21.20 -65.39	411.67 25.13 -98.68	1063.43 70.10 -173.62	413.47 15.59 -218.76	314.60 7.76 -209.63	235.60 15.35 -12.84	242.48 6.63 -147.60	49.55 3.47 -1.81	41.50 2.28 -0.13

NORTHPORT___IC 23718	38.12 2.42 -0.17	35.54 2.23 0.00	29.07 1.68 0.00	28.04 1.42 0.00	30.05 1.60 0.00	34.11 2.04 0.00	33.20 2.05 -0.06	36.76 1.63 -5.70	39.89 1.68 -0.76	42.92 1.92 -0.13	44.34 2.45 -0.13	46.65 2.79 0.80	76.47 4.23 1.74	205.30 9.19 -12.89	242.61 12.47 -31.80	360.76 19.39 -65.39	409.88 23.33 -98.68	1058.68 65.34 -173.62	412.59 14.71 -218.76	314.18 7.34 -209.63	235.85 14.34 -14.11	242.18 6.34 -147.60	49.47 3.37 -1.83	41.34 2.09 -0.17
NORTH___COUNTRY_ESR 323785	35.32 -0.20 0.00	33.12 -0.19 0.00	27.15 -0.24 0.00	26.39 -0.22 0.00	28.27 -0.18 0.00	31.88 -0.18 0.00	31.02 -0.08 0.00	29.32 -0.11 0.00	37.33 -0.12 0.00	40.41 -0.47 0.00	40.99 -0.77 0.00	43.40 -1.26 0.00	-51.80 -2.13 123.66	179.21 -4.02 0.00	194.25 -4.09 0.00	269.43 -6.55 0.00	280.18 -7.68 0.00	798.83 -20.88 0.00	174.30 -4.82 0.00	94.51 -2.71 0.00	201.71 -5.69 0.00	85.64 -2.61 0.00	42.81 -1.46 0.00	37.99 -1.10 0.00
NPX_GEN_1385_PROXY 323591	37.36 1.67 -0.17	34.84 1.52 0.00	27.78 0.85 0.46	27.11 0.50 0.00	29.33 0.88 0.00	33.63 1.57 0.00	32.63 1.48 -0.06	35.92 0.78 -5.70	38.87 0.67 -0.76	41.67 0.67 -0.13	43.09 1.20 -0.13	45.35 1.50 0.80	67.10 1.48 8.36	67.51 2.60 118.32	10.72 5.90 193.52	206.74 9.57 78.81	-84.26 13.64 385.76	1041.74 48.41 -173.62	411.88 14.00 -218.76	312.67 5.83 -209.63	232.84 11.32 -14.11	241.54 5.69 -147.60	48.88 2.77 -1.83	40.63 1.38 -0.17
NPX_GEN_CSC 323557	39.23 3.53 -0.17	36.52 3.20 0.00	29.38 2.45 0.46	28.75 2.14 0.00	30.80 2.35 0.00	34.95 2.90 0.00	34.08 2.93 -0.06	37.64 2.51 -5.70	41.12 2.92 -0.76	44.11 3.11 -0.13	46.12 4.10 -0.26	60.81 4.57 -11.58	114.96 7.17 -33.81	276.48 14.99 -78.26	291.05 17.81 -74.89	368.43 27.06 -65.39	417.85 31.31 -98.68	1077.34 84.01 -173.62	416.03 18.16 -218.76	316.96 10.12 -209.63	247.43 21.41 -18.62	245.65 9.80 -147.60	51.31 5.08 -1.96	43.47 3.69 -0.70
NSINS_S_GLNS_FALLS 23858	37.74 2.24 0.02	35.36 2.05 0.00	29.14 1.75 0.00	28.27 1.66 0.00	30.29 1.84 0.00	34.00 1.94 0.00	32.86 1.83 0.07	32.53 1.81 -1.29	39.90 2.28 -0.17	43.32 2.45 0.00	44.21 2.61 0.16	47.54 3.04 0.15	77.55 4.87 1.29	187.60 11.73 7.36	210.04 13.57 1.87	296.21 20.23 0.00	309.49 21.63 0.00	883.73 64.02 0.00	195.34 16.22 0.00	105.09 7.88 0.00	224.45 17.04 0.00	94.93 6.74 0.06	47.93 3.66 0.00	42.01 2.93 0.00
NUCOR_STEEL___DRP 24197	36.31 0.79 0.00	34.01 0.70 0.00	27.77 0.38 0.00	27.06 0.45 0.00	28.97 0.52 0.00	32.81 0.75 0.00	31.73 0.64 0.00	30.14 0.71 0.00	38.28 0.83 0.00	42.13 1.25 0.00	43.28 1.52 0.00	46.63 1.97 0.00	51.47 3.36 25.87	190.66 7.43 0.00	205.59 7.25 0.00	286.16 10.18 0.00	297.95 10.09 0.00	847.97 28.25 0.00	185.93 6.81 0.00	101.30 4.08 0.00	216.83 9.43 0.00	92.14 3.89 0.00	45.99 1.72 0.00	40.23 1.15 0.00
NUMBER_THREE_WT_PWR 323818	36.14 0.61 0.00	33.42 0.11 0.00	27.29 -0.10 0.00	26.73 0.12 0.00	28.72 0.27 0.00	32.53 0.47 0.00	31.66 0.57 0.00	29.94 0.51 0.00	38.09 0.65 0.00	41.55 0.67 0.00	42.19 0.43 0.00	44.68 0.03 0.00	-296.97 -0.54 370.41	181.70 -1.53 0.00	199.66 1.32 0.00	276.94 0.95 0.00	290.12 2.26 0.00	822.15 2.44 0.00	180.24 1.13 0.00	98.27 1.05 0.00	210.61 3.21 0.00	89.57 1.32 0.00	44.76 0.48 0.00	39.21 0.13 0.00
NYISO_LBMP_REFERENCE 24008	35.53 0.00 0.00	33.31 0.00 0.00	27.39 0.00 0.00	26.61 0.00 0.00	28.45 0.00 0.00	32.06 0.00 0.00	31.09 0.00 0.00	29.44 0.00 0.00	37.45 0.00 0.00	40.87 0.00 0.00	41.76 0.00 0.00	44.66 0.00 0.00	73.98 0.00 0.00	183.23 0.00 0.00	198.34 0.00 0.00	275.98 0.00 0.00	287.86 0.00 0.00	819.71 0.00 0.00	179.12 0.00 0.00	97.21 0.00 0.00	207.40 0.00 0.00	88.25 0.00 0.00	44.27 0.00 0.00	39.08 0.00 0.00
NYPA_BRENTWD___GT 24164	38.80 3.10 -0.17	36.13 2.81 0.00	29.54 2.15 0.00	28.50 1.88 0.00	30.52 2.07 0.00	34.64 2.58 0.00	33.76 2.60 -0.06	37.36 2.22 -5.70	40.72 2.51 -0.76	43.87 2.87 -0.13	45.33 3.40 -0.16	51.04 3.86 -2.52	87.30 5.60 -7.72	227.13 12.46 -31.44	259.51 16.13 -45.03	366.02 24.65 -65.39	415.39 28.85 -98.68	1073.65 80.32 -173.62	415.61 17.73 -218.76	315.93 9.09 -209.63	240.03 18.01 -14.62	243.63 7.79 -147.60	50.47 4.09 -2.11	42.41 3.04 -0.29
NYPA_GOWANUS___GT5 24156	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.62 2.72 -0.13	48.19 3.40 -0.13	80.52 5.46 -1.09	200.64 11.25 -6.17	214.48 14.58 -1.57	297.52 21.54 0.00	312.01 24.15 0.00	885.33 65.61 0.00	193.23 14.11 0.00	102.43 6.90 1.68	209.54 13.56 11.42	93.92 5.62 -0.05	47.53 3.25 0.00	41.07 1.99 0.00
NYPA_GOWANUS___GT6 24157	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.47 0.00	33.73 1.66 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.62 2.72 -0.13	48.19 3.40 -0.13	80.52 5.46 -1.09	200.64 11.25 -6.17	214.48 14.58 -1.57	297.52 21.54 0.00	312.01 24.15 0.00	885.33 65.61 0.00	193.23 14.11 0.00	102.43 6.90 1.68	209.54 13.56 11.42	93.92 5.62 -0.05	47.53 3.25 0.00	41.07 1.99 0.00
NYPA_HARLEM__RVR_GT1 24160	37.30 1.75 -0.02	34.90 1.59 0.00	28.74 1.35 0.00	27.83 1.22 0.00	29.71 1.26 0.00	33.48 1.41 0.00	32.66 1.50 -0.06	36.70 1.53 -5.74	40.07 1.86 -0.76	43.00 2.13 0.00	44.31 2.42 -0.13	47.78 3.00 -0.13	79.94 4.88 -1.08	200.43 11.03 -6.17	214.45 14.54 -1.57	297.28 21.30 0.00	312.06 24.20 0.00	886.30 66.58 0.00	193.36 14.24 0.00	104.30 7.08 0.00	221.59 14.19 0.01	93.97 5.68 -0.04	47.35 3.09 0.01	40.90 1.82 0.00
NYPA_HARLEM__RVR_GT2 24161	37.30 1.75 -0.02	34.90 1.59 0.00	28.74 1.35 0.00	27.83 1.22 0.00	29.71 1.26 0.00	33.48 1.41 0.00	32.66 1.50 -0.06	36.70 1.53 -5.74	40.07 1.86 -0.76	43.00 2.13 0.00	44.31 2.42 -0.13	47.78 3.00 -0.13	79.94 4.88 -1.08	200.43 11.03 -6.17	214.45 14.54 -1.57	297.28 21.30 0.00	312.06 24.20 0.00	886.30 66.58 0.00	193.36 14.24 0.00	104.30 7.08 0.00	221.59 14.19 0.01	93.97 5.68 -0.04	47.35 3.09 0.01	40.90 1.82 0.00
NYPA_KENT___GT 24152	37.51 1.96 -0.02	35.13 1.81 0.00	28.91 1.52 0.00	27.99 1.38 0.00	29.88 1.43 0.00	33.66 1.60 0.00	32.81 1.66 -0.06	36.86 1.68 -5.74	40.28 2.07 -0.76	43.28 2.40 0.00	44.56 2.66 -0.13	48.07 3.29 -0.13	80.33 5.27 -1.08	200.62 11.22 -6.17	214.38 14.47 -1.57	297.32 21.34 0.00	311.91 24.05 0.00	885.55 65.83 0.00	193.23 14.11 0.00	102.59 6.94 1.56	210.35 13.56 10.61	93.88 5.58 -0.05	47.42 3.15 0.00	40.99 1.91 0.00
NYPA_POUCH1___GT 24155	37.16 1.89 0.25	35.11 1.79 0.00	28.91 1.52 0.00	27.99 1.38 0.00	29.88 1.44 0.00	33.67 1.61 0.00	32.80 1.65 -0.06	36.45 1.62 -5.39	37.90 1.99 1.54	40.45 2.35 2.78	36.80 2.56 7.51	37.03 3.23 10.85	53.31 5.17 25.83	163.09 10.59 30.73	177.96 13.82 34.20	282.78 20.49 13.69	231.13 23.09 79.81	879.56 62.65 2.81	192.61 13.52 0.03	97.61 6.57 6.18	203.85 12.83 16.37	93.71 5.41 -0.05	47.41 3.13 0.00	39.25 1.86 1.69

NYPA_VERNON____GT2 24162	37.47 1.92 -0.02	35.08 1.76 0.00	28.87 1.47 0.00	27.94 1.33 0.00	29.82 1.37 0.00	33.60 1.54 0.00	32.75 1.60 -0.06	36.81 1.63 -5.74	40.22 2.01 -0.76	43.19 2.31 0.00	44.50 2.60 -0.13	47.99 3.20 -0.13	80.18 5.12 -1.08	200.69 11.29 -6.17	214.44 14.53 -1.57	297.52 21.53 0.00	312.15 24.29 0.00	886.56 66.85 0.00	193.45 14.33 0.00	102.81 7.04 1.44	211.31 13.71 9.81	93.87 5.58 -0.05	47.35 3.08 0.00	40.94 1.85 0.00
NYPA_VERNON____GT3 24163	37.47 1.92 -0.02	35.08 1.76 0.00	28.87 1.47 0.00	27.94 1.33 0.00	29.82 1.37 0.00	33.60 1.54 0.00	32.75 1.60 -0.06	36.81 1.63 -5.74	40.22 2.01 -0.76	43.19 2.31 0.00	44.50 2.60 -0.13	47.99 3.20 -0.13	80.18 5.12 -1.08	200.69 11.29 -6.17	214.44 14.53 -1.57	297.52 21.53 0.00	312.15 24.29 0.00	886.56 66.85 0.00	193.45 14.33 0.00	102.81 7.04 1.44	211.31 13.71 9.81	93.87 5.58 -0.05	47.35 3.08 0.00	40.94 1.85 0.00
NYPA____ASTORIA_CC1 323568	37.39 1.85 -0.02	35.00 1.69 0.00	28.81 1.42 0.00	27.89 1.28 0.00	29.78 1.33 0.00	33.54 1.48 0.00	32.69 1.54 -0.06	36.76 1.58 -5.74	40.14 1.93 -0.76	43.09 2.22 0.00	44.39 2.50 -0.13	47.87 3.09 -0.13	79.96 4.91 -1.08	200.20 10.80 -6.17	213.93 14.03 -1.57	296.71 20.73 0.00	311.41 23.55 0.00	884.50 64.78 0.00	193.00 13.89 0.00	102.36 6.83 1.68	209.29 13.31 11.42	93.69 5.40 -0.04	47.26 3.00 0.01	40.87 1.79 0.00
NYPA____ASTORIA_CC2 323569	37.39 1.85 -0.02	35.00 1.69 0.00	28.81 1.42 0.00	27.89 1.28 0.00	29.78 1.33 0.00	33.54 1.48 0.00	32.69 1.54 -0.06	36.76 1.58 -5.74	40.14 1.93 -0.76	43.09 2.22 0.00	44.39 2.50 -0.13	47.87 3.09 -0.13	79.96 4.91 -1.08	200.20 10.80 -6.17	213.93 14.03 -1.57	296.71 20.73 0.00	311.41 23.55 0.00	884.50 64.78 0.00	193.00 13.89 0.00	102.36 6.83 1.68	209.29 13.31 11.42	93.69 5.40 -0.04	47.26 3.00 0.01	40.87 1.79 0.00
NYPA____HOLTSVILL 23794	38.63 2.94 -0.17	35.99 2.68 0.00	29.44 2.05 0.00	28.38 1.77 0.00	30.40 1.95 0.00	34.50 2.44 0.00	33.63 2.47 -0.06	37.21 2.08 -5.70	40.53 2.32 -0.76	43.59 2.59 -0.13	45.38 3.37 -0.26	59.76 3.72 -11.38	111.99 5.74 -32.27	272.05 12.20 -76.62	286.68 15.37 -72.96	364.95 23.58 -65.39	414.32 27.77 -98.68	1069.37 76.04 -173.62	414.35 16.47 -218.76	315.72 8.87 -209.63	243.74 17.98 -18.37	243.75 7.90 -147.60	50.41 4.19 -1.95	42.74 2.97 -0.69
NYPA____HELLGATE_GT1 24158	37.29 1.74 -0.02	34.90 1.59 0.00	28.74 1.35 0.00	27.83 1.22 0.00	29.71 1.26 0.00	33.48 1.41 0.00	32.66 1.50 -0.06	36.70 1.53 -5.74	40.04 1.83 -0.76	43.00 2.13 0.00	44.31 2.42 -0.13	47.78 3.00 -0.13	79.94 4.88 -1.08	200.43 11.03 -6.17	214.45 14.54 -1.57	297.28 21.30 0.00	311.99 24.13 0.00	886.30 66.58 0.00	193.36 14.24 0.00	104.30 7.08 0.00	221.59 14.19 0.01	93.97 5.68 -0.04	47.35 3.09 0.01	40.90 1.82 0.00
NYPA____HELLGATE_GT2 24159	37.29 1.74 -0.02	34.90 1.59 0.00	28.74 1.35 0.00	27.83 1.22 0.00	29.71 1.26 0.00	33.48 1.41 0.00	32.66 1.50 -0.06	36.70 1.53 -5.74	40.04 1.83 -0.76	43.00 2.13 0.00	44.31 2.42 -0.13	47.78 3.00 -0.13	79.94 4.88 -1.08	200.43 11.03 -6.17	214.45 14.54 -1.57	297.28 21.30 0.00	311.99 24.13 0.00	886.30 66.58 0.00	193.36 14.24 0.00	104.30 7.08 0.00	221.59 14.19 0.01	93.97 5.68 -0.04	47.35 3.09 0.01	40.90 1.82 0.00
NYS_BARGE____HYD 23848	35.49 -0.03 0.00	33.18 -0.13 0.00	26.80 -0.59 0.00	26.17 -0.45 0.00	28.00 -0.46 0.00	31.85 -0.21 0.00	30.82 -0.27 0.00	28.83 -0.60 0.00	37.18 -0.27 0.00	41.33 0.45 0.00	42.96 1.20 0.00	47.03 2.37 0.00	78.19 4.22 0.00	190.86 7.64 0.00	204.07 5.73 0.00	282.32 6.34 0.00	289.59 1.14 -0.60	825.68 5.96 0.00	180.62 1.50 0.00	98.46 1.25 0.00	209.27 1.87 0.00	91.32 3.07 0.00	45.77 1.50 0.00	40.44 1.36 0.00
OAK ORCHARD____HYD 24046	36.15 0.62 0.00	33.80 0.48 0.00	27.47 0.08 0.00	26.75 0.13 0.00	28.62 0.17 0.00	32.47 0.40 0.00	31.51 0.41 0.00	29.69 0.26 0.00	38.09 0.65 0.00	42.13 1.26 0.00	43.61 1.85 0.00	47.49 2.83 0.00	79.09 5.11 0.00	194.03 10.80 0.00	208.67 10.33 0.00	289.61 13.62 0.00	298.52 10.66 0.00	851.51 31.79 0.00	186.28 7.16 0.00	101.39 4.18 0.00	215.38 7.98 0.00	92.92 4.67 0.00	46.41 2.14 0.00	40.79 1.71 0.00
OAKDALE__35_KV_LOAD 356122	35.96 0.43 0.00	33.63 0.31 0.00	27.56 0.17 0.00	26.81 0.20 0.00	28.66 0.21 0.00	32.43 0.37 0.00	31.54 0.45 0.00	29.85 0.42 0.00	38.05 0.60 0.00	41.79 0.91 0.00	42.88 1.12 0.00	46.23 1.57 0.00	76.79 2.81 0.00	188.58 5.35 0.00	204.77 6.42 0.00	285.18 9.20 0.00	296.05 8.19 0.00	842.55 22.84 0.00	184.55 5.43 0.00	100.23 3.01 0.00	213.82 6.42 0.00	91.16 2.91 0.00	45.68 1.41 0.00	40.09 1.01 0.00
OCC_CHEM____DRP 24175	35.09 -0.44 0.00	32.83 -0.48 0.00	26.52 -0.87 0.00	25.91 -0.71 0.00	27.73 -0.72 0.00	31.50 -0.56 0.00	30.46 -0.63 0.00	28.36 -1.08 0.00	36.55 -0.90 0.00	40.61 -0.27 0.00	42.22 0.46 0.00	46.19 1.53 0.00	76.96 2.98 0.00	187.62 4.39 0.00	200.40 2.06 0.00	276.93 0.95 0.00	281.14 -4.64 2.08	808.99 -10.72 0.00	176.90 -2.23 0.00	96.41 -0.80 0.00	204.63 -2.77 0.00	89.59 1.34 0.00	44.90 0.63 0.00	39.76 0.68 0.00
OH_GEN_PROXY 24063	35.18 -0.34 0.00	32.93 -0.39 0.00	26.15 -0.77 0.46	25.99 -0.62 0.00	27.83 -0.62 0.00	31.62 -0.44 0.00	30.60 -0.49 0.00	28.66 -0.77 0.00	36.92 -0.53 0.00	41.01 0.14 0.00	42.56 0.80 0.00	46.54 1.88 0.00	78.58 3.63 -0.97	189.14 5.91 0.00	202.48 4.14 0.00	521.09 4.19 -240.92	286.78 -0.86 0.21	819.01 -0.70 0.00	178.76 -0.36 0.00	97.42 0.21 0.00	207.12 -0.28 0.00	90.32 2.07 0.00	45.23 0.96 0.00	39.96 0.88 0.00
OLIN_CORP_DRP 24177	35.04 -0.48 0.00	32.77 -0.54 0.00	26.48 -0.92 0.00	25.86 -0.75 0.00	27.66 -0.79 0.00	31.45 -0.61 0.00	30.41 -0.68 0.00	28.43 -1.00 0.00	36.69 -0.76 0.00	40.76 -0.11 0.00	42.37 0.61 0.00	46.37 1.71 0.00	77.22 3.24 0.00	188.15 4.92 0.00	200.98 2.64 0.00	278.04 2.06 0.00	284.62 -3.45 -0.22	812.72 -7.00 0.00	177.69 -1.43 0.00	96.88 -0.33 0.00	205.72 -1.68 0.00	89.96 1.71 0.00	45.13 0.86 0.00	39.94 0.86 0.00
OLIN_CORP_DSASP 323712	35.09 -0.44 0.00	32.84 -0.48 0.00	26.52 -0.87 0.00	25.91 -0.71 0.00	27.73 -0.72 0.00	31.51 -0.55 0.00	30.47 -0.63 0.00	28.36 -1.07 0.00	36.55 -0.90 0.00	40.61 -0.27 0.00	42.23 0.47 0.00	46.19 1.53 0.00	76.94 2.97 0.00	187.47 4.24 0.00	200.40 2.06 0.00	277.02 1.04 0.00	281.22 -4.56 2.08	808.92 -10.80 0.00	176.90 -2.22 0.00	96.41 -0.80 0.00	204.74 -2.66 0.00	89.57 1.32 0.00	44.90 0.63 0.00	39.79 0.71 0.00
ONEIDA_HERK_LFGE 323681	36.33 0.81 0.00	33.85 0.54 0.00	27.74 0.35 0.00	27.05 0.43 0.00	28.97 0.52 0.00	32.77 0.70 0.00	31.86 0.77 0.00	30.15 0.71 0.00	38.36 0.92 0.00	41.91 1.04 0.00	42.76 1.00 0.00	45.59 0.94 0.00	-99.20 1.22 174.39	185.99 2.76 0.00	202.81 4.47 0.00	282.07 6.09 0.00	295.02 7.17 0.00	839.53 19.82 0.00	184.18 5.07 0.00	100.20 2.99 0.00	213.98 6.58 0.00	90.92 2.67 0.00	45.52 1.24 0.00	39.91 0.83 0.00

ONEIDA___115KV_TB4 55905	36.66 1.13 0.00	34.26 0.94 0.00	28.11 0.72 0.00	27.33 0.72 0.00	29.24 0.78 0.00	33.06 0.99 0.00	32.15 1.05 0.00	30.42 0.98 0.00	38.75 1.30 0.00	42.42 1.54 0.00	43.38 1.62 0.00	46.46 1.81 0.00	0.79 2.61 75.80	189.26 6.03 0.00	205.70 7.36 0.00	286.39 10.41 0.00	299.09 11.23 0.00	852.07 32.36 0.00	187.01 7.89 0.00	101.80 4.59 0.00	216.90 9.50 0.00	92.16 3.92 0.00	46.33 2.06 0.00	40.64 1.56 0.00
ONONDAGA_REF_OCCRA 23987	35.96 0.43 0.00	33.65 0.34 0.00	27.60 0.21 0.00	26.83 0.21 0.00	28.67 0.22 0.00	32.39 0.33 0.00	31.44 0.35 0.00	29.74 0.31 0.00	37.92 0.47 0.00	41.56 0.69 0.00	42.63 0.87 0.00	45.85 1.19 0.00	43.94 2.10 32.14	187.60 4.37 0.00	203.35 5.02 0.00	283.18 7.20 0.00	294.76 6.90 0.00	838.31 18.60 0.00	183.58 4.46 0.00	99.78 2.57 0.00	212.79 5.39 0.00	90.59 2.34 0.00	45.30 1.03 0.00	39.80 0.72 0.00
ONONDAGA___COGEN 23986	35.91 0.39 0.00	33.64 0.32 0.00	27.58 0.19 0.00	26.80 0.19 0.00	28.65 0.20 0.00	32.36 0.30 0.00	31.41 0.32 0.00	29.73 0.30 0.00	37.86 0.41 0.00	41.48 0.60 0.00	42.48 0.72 0.00	45.59 0.93 0.00	44.38 1.59 31.19	186.33 3.10 0.00	201.65 3.31 0.00	280.82 4.84 0.00	292.69 4.83 0.00	831.97 12.25 0.00	182.20 3.08 0.00	99.06 1.85 0.00	211.55 4.15 0.00	90.11 1.87 0.00	45.14 0.87 0.00	39.72 0.64 0.00
ONTARIO___LFGE 23819	36.16 0.64 0.00	33.85 0.54 0.00	27.64 0.25 0.00	26.92 0.30 0.00	28.78 0.33 0.00	32.65 0.59 0.00	31.82 0.72 0.00	30.10 0.66 0.00	38.35 0.90 0.00	42.26 1.39 0.00	43.58 1.82 0.00	47.19 2.53 0.00	78.58 4.60 0.00	192.97 9.74 0.00	208.82 10.48 0.00	290.67 14.69 0.00	301.17 13.31 0.00	858.90 39.19 0.00	188.54 9.42 0.00	102.68 5.47 0.00	218.55 11.15 0.00	93.36 5.11 0.00	46.50 2.23 0.00	40.75 1.66 0.00
ORANGEVILLE_WT_PWR 323706	35.54 0.01 0.00	33.28 -0.03 0.00	27.00 -0.39 0.00	26.33 -0.28 0.00	28.17 -0.28 0.00	32.06 -0.01 0.00	31.13 0.03 0.00	29.27 -0.16 0.00	37.71 0.26 0.00	41.93 1.06 0.00	43.48 1.72 0.00	47.44 2.79 0.00	79.18 5.21 0.00	192.92 9.69 0.00	207.43 9.09 0.00	287.40 11.41 0.00	295.12 7.11 -0.15	841.69 21.97 0.00	183.91 4.79 0.00	100.32 3.11 0.00	213.64 6.24 0.00	92.56 4.31 0.00	46.27 2.00 0.00	40.70 1.62 0.00
ORANGEVILLE___ESR 323794	35.54 0.01 0.00	33.28 -0.03 0.00	27.00 -0.39 0.00	26.33 -0.28 0.00	28.17 -0.28 0.00	32.06 -0.01 0.00	31.13 0.03 0.00	29.27 -0.16 0.00	37.71 0.26 0.00	41.93 1.06 0.00	43.48 1.72 0.00	47.44 2.79 0.00	79.18 5.21 0.00	192.92 9.69 0.00	207.43 9.09 0.00	287.40 11.41 0.00	295.12 7.11 -0.15	841.69 21.97 0.00	183.91 4.79 0.00	100.32 3.11 0.00	213.64 6.24 0.00	92.56 4.31 0.00	46.27 2.00 0.00	40.70 1.62 0.00
OSWEGATCHIE___HYD 24044	35.51 -0.02 0.00	32.94 -0.37 0.00	26.86 -0.53 0.00	26.20 -0.41 0.00	28.06 -0.39 0.00	31.73 -0.33 0.00	30.96 -0.14 0.00	29.25 -0.19 0.00	37.20 -0.24 0.00	40.37 -0.51 0.00	40.90 -0.87 0.00	42.97 -1.68 0.00	-772.76 -3.44 843.29	176.47 -6.76 0.00	193.25 -5.09 0.00	267.47 -8.51 0.00	279.39 -8.46 0.00	793.05 -26.67 0.00	173.48 -5.64 0.00	94.66 -2.55 0.00	202.43 -4.97 0.00	86.26 -1.99 0.00	43.07 -1.20 0.00	38.15 -0.93 0.00
OSWEGO___5 23606	35.24 -0.29 0.00	33.01 -0.30 0.00	27.09 -0.30 0.00	26.33 -0.28 0.00	28.15 -0.30 0.00	31.78 -0.28 0.00	30.84 -0.25 0.00	29.18 -0.25 0.00	37.17 -0.28 0.00	40.71 -0.16 0.00	41.74 -0.02 0.00	44.84 0.18 0.00	74.27 0.29 0.00	183.24 0.01 0.00	198.29 -0.05 0.00	275.91 -0.07 0.00	287.09 -0.76 0.00	814.92 -4.79 0.00	178.18 -0.94 0.00	96.94 -0.27 0.00	207.11 -0.29 0.00	88.20 -0.05 0.00	44.10 -0.17 0.00	38.82 -0.26 0.00
OSWEGO___6 23613	35.24 -0.29 0.00	33.01 -0.30 0.00	27.09 -0.30 0.00	26.33 -0.28 0.00	28.15 -0.30 0.00	31.78 -0.28 0.00	30.84 -0.25 0.00	29.18 -0.25 0.00	37.17 -0.28 0.00	40.71 -0.16 0.00	41.74 -0.02 0.00	44.84 0.18 0.00	74.27 0.29 0.00	183.24 0.01 0.00	198.29 -0.05 0.00	275.91 -0.07 0.00	287.09 -0.76 0.00	814.92 -4.79 0.00	178.18 -0.94 0.00	96.94 -0.27 0.00	207.11 -0.29 0.00	88.20 -0.05 0.00	44.10 -0.17 0.00	38.82 -0.26 0.00
OUTOKUMPU-AB___DRP 24206	35.96 0.44 0.00	33.61 0.30 0.00	27.14 -0.25 0.00	26.50 -0.11 0.00	28.36 -0.09 0.00	32.25 0.19 0.00	31.26 0.16 0.00	29.20 -0.24 0.00	37.68 0.23 0.00	41.92 1.05 0.00	43.67 1.91 0.00	47.77 3.11 0.00	79.50 5.52 0.00	194.76 11.54 0.00	208.72 10.38 0.00	288.61 12.63 0.00	297.67 7.49 -2.33	843.15 23.43 0.00	184.26 5.14 0.00	100.24 3.02 0.00	212.99 5.59 0.00	92.86 4.61 0.00	46.43 2.16 0.00	40.92 1.84 0.00
OXBOW___ 24026	35.64 0.11 0.00	33.33 0.01 0.00	26.91 -0.48 0.00	26.28 -0.33 0.00	28.13 -0.32 0.00	31.99 -0.07 0.00	30.97 -0.13 0.00	28.82 -0.61 0.00	37.15 -0.29 0.00	41.29 0.41 0.00	43.06 1.31 0.00	47.12 2.46 0.00	78.51 4.54 0.00	191.94 8.71 0.00	205.54 7.20 0.00	284.12 8.14 0.00	292.94 2.76 -2.32	829.02 9.30 0.00	181.23 2.12 0.00	98.66 1.45 0.00	209.63 2.23 0.00	91.57 3.33 0.00	45.85 1.58 0.00	40.53 1.45 0.00
OXY_CHEM_DSASP 323612	35.09 -0.44 0.00	32.83 -0.48 0.00	26.52 -0.87 0.00	25.91 -0.71 0.00	27.73 -0.72 0.00	31.50 -0.56 0.00	30.46 -0.63 0.00	28.36 -1.08 0.00	36.55 -0.90 0.00	40.61 -0.27 0.00	42.22 0.46 0.00	46.19 1.53 0.00	76.96 2.98 0.00	187.62 4.39 0.00	200.40 2.06 0.00	276.93 0.95 0.00	281.14 -4.64 2.08	808.99 -10.72 0.00	176.90 -2.23 0.00	96.41 -0.80 0.00	204.63 -2.77 0.00	89.59 1.34 0.00	44.90 0.63 0.00	39.76 0.68 0.00
OZONE_PARK_ESR 323760	37.84 2.30 -0.02	35.43 2.12 0.00	29.15 1.77 0.00	28.22 1.61 0.00	30.13 1.68 0.00	33.96 1.90 0.00	33.11 1.96 -0.06	37.14 1.97 -5.74	40.62 2.41 -0.76	43.73 2.86 0.00	45.16 3.26 -0.13	48.72 3.93 -0.13	81.57 6.51 -1.08	204.50 15.10 -6.17	218.62 18.71 -1.57	303.61 27.63 0.00	318.96 31.10 0.00	905.65 85.93 0.00	197.68 18.56 0.00	106.55 9.33 0.00	226.10 18.69 0.00	95.97 7.67 -0.05	48.33 4.06 0.00	41.76 2.67 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.09 -0.44 0.00	32.83 -0.48 0.00	26.52 -0.87 0.00	25.91 -0.71 0.00	27.73 -0.72 0.00	31.50 -0.56 0.00	30.46 -0.63 0.00	28.36 -1.08 0.00	36.55 -0.90 0.00	40.61 -0.27 0.00	42.22 0.46 0.00	46.19 1.53 0.00	76.96 2.98 0.00	187.62 4.39 0.00	200.40 2.06 0.00	276.93 0.95 0.00	281.14 -4.64 2.08	808.99 -10.72 0.00	176.90 -2.23 0.00	96.41 -0.80 0.00	204.63 -2.77 0.00	89.59 1.34 0.00	44.90 0.63 0.00	39.76 0.68 0.00
PACKARD___115KV_DUPONT_184 80571	35.09 -0.44 0.00	32.83 -0.48 0.00	26.52 -0.87 0.00	25.91 -0.71 0.00	27.73 -0.72 0.00	31.50 -0.56 0.00	30.46 -0.63 0.00	28.36 -1.08 0.00	36.55 -0.90 0.00	40.61 -0.27 0.00	42.22 0.46 0.00	46.19 1.53 0.00	76.96 2.98 0.00	187.62 4.39 0.00	200.40 2.06 0.00	276.93 0.95 0.00	281.14 -4.64 2.08	808.99 -10.72 0.00	176.90 -2.23 0.00	96.41 -0.80 0.00	204.63 -2.77 0.00	89.59 1.34 0.00	44.90 0.63 0.00	39.76 0.68 0.00

PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.33 1.79 -0.02	34.95 1.64 0.00	28.78 1.39 0.00	27.87 1.25 0.00	29.75 1.30 0.00	33.52 1.46 0.00	32.68 1.53 -0.06	36.72 1.54 -5.74	40.08 1.87 -0.76	43.03 2.16 0.00	44.35 2.46 -0.13	47.83 3.04 -0.13	79.98 4.92 -1.08	200.43 11.03 -6.17	214.23 14.32 -1.57	297.00 21.02 0.00	311.73 23.87 0.00	885.66 65.94 0.00	193.31 14.19 0.00	104.29 7.08 0.00	221.60 14.21 0.01	94.00 5.71 -0.04	47.36 3.10 0.01	40.96 1.88 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.66 2.11 -0.02	35.29 1.98 0.00	29.05 1.66 0.00	28.15 1.54 0.00	30.06 1.61 0.00	33.87 1.81 0.00	32.98 1.83 -0.06	36.98 1.80 -5.74	40.40 2.18 -0.76	43.37 2.49 0.00	44.71 2.81 -0.13	48.25 3.46 -0.13	80.79 5.73 -1.08	202.51 13.12 -6.17	216.47 16.56 -1.57	300.27 24.29 0.00	314.93 27.08 0.00	895.31 75.60 0.00	195.60 16.48 0.00	105.42 8.21 0.00	223.99 16.59 0.01	95.12 6.82 -0.04	47.88 3.62 0.01	41.45 2.37 0.00
PATROON__115KV_TB1 80586	36.12 0.62 0.02	33.97 0.66 0.00	28.07 0.68 0.00	27.22 0.61 0.00	29.09 0.64 0.00	32.66 0.59 0.00	31.48 0.45 0.06	31.26 0.50 -1.33	38.15 0.52 -0.18	41.43 0.55 0.00	42.24 0.63 0.15	45.30 0.78 0.14	73.59 0.82 1.20	177.61 1.26 6.87	199.24 2.65 1.75	280.50 4.52 0.00	295.48 7.62 0.00	842.61 22.90 0.00	185.11 5.99 0.00	100.05 2.83 0.00	213.66 6.26 0.00	90.43 2.23 0.06	45.81 1.53 0.00	40.12 1.03 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.13 0.61 0.00	33.72 0.41 0.00	27.28 -0.10 0.00	26.64 0.02 0.00	28.51 0.06 0.00	32.43 0.37 0.00	31.49 0.40 0.00	29.59 0.16 0.00	38.16 0.72 0.00	42.43 1.56 0.00	44.03 2.27 0.00	48.17 3.51 0.00	80.46 6.49 0.00	196.30 13.07 0.00	210.78 12.44 0.00	292.10 16.11 0.00	298.90 10.67 -0.37	850.89 31.17 0.00	185.56 6.44 0.00	101.00 3.79 0.00	215.06 7.66 0.00	93.23 4.98 0.00	46.55 2.28 0.00	40.95 1.87 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.44 1.90 -0.02	35.05 1.74 0.00	28.85 1.46 0.00	27.96 1.35 0.00	29.84 1.40 0.00	33.62 1.56 0.00	32.72 1.58 -0.05	33.70 1.65 -2.62	39.83 2.04 -0.35	43.31 2.44 0.00	44.67 2.79 -0.11	48.18 3.42 -0.11	80.42 5.51 -0.93	200.98 12.46 -5.29	215.19 15.50 -1.34	299.36 23.38 0.00	314.80 26.94 0.00	894.67 74.95 0.00	195.55 16.43 0.00	105.54 8.32 0.00	223.86 16.46 0.00	94.84 6.55 -0.04	47.72 3.45 0.00	41.33 2.25 0.00
PEEKSKILL____ 23653	37.01 1.46 -0.02	34.65 1.34 0.00	28.53 1.14 0.00	27.65 1.04 0.00	29.51 1.06 0.00	33.24 1.18 0.00	32.34 1.19 -0.06	37.33 1.22 -6.67	39.79 1.45 -0.89	42.64 1.77 0.00	43.98 2.09 -0.13	47.41 2.63 -0.12	79.34 4.30 -1.06	198.95 9.69 -6.03	212.28 12.41 -1.53	294.68 18.69 0.00	309.44 21.58 0.00	879.02 59.30 0.00	192.12 13.00 0.00	103.65 6.43 0.00	219.98 12.58 0.00	93.38 5.08 -0.05	47.06 2.79 0.00	40.77 1.69 0.00
PGE MADISON__WINDPWR 24146	38.41 2.88 0.00	35.86 2.55 0.00	29.38 1.99 0.00	28.59 1.98 0.00	30.60 2.15 0.00	34.75 2.69 0.00	33.84 2.74 0.00	32.11 2.68 0.00	40.93 3.48 0.00	44.72 3.85 0.00	45.68 3.92 0.00	49.13 4.47 0.00	81.93 7.96 0.00	201.91 18.68 0.00	219.39 21.04 0.00	306.91 30.93 0.00	319.26 31.41 0.00	919.82 100.10 0.00	202.99 23.87 0.00	110.51 13.30 0.00	235.04 27.64 0.00	99.73 11.48 0.00	49.42 5.15 0.00	43.18 4.10 0.00
PIERCEFIELD__HYD 23852	34.88 -0.64 0.00	32.48 -0.83 0.00	26.46 -0.93 0.00	25.71 -0.91 0.00	27.45 -1.00 0.00	30.96 -1.10 0.00	30.26 -0.83 0.00	28.55 -0.88 0.00	36.34 -1.11 0.00	39.24 -1.63 0.00	39.72 -2.04 0.00	41.44 -3.22 0.00	-1171.89 -5.72 1240.16	172.84 -10.39 0.00	187.92 -10.42 0.00	259.77 -16.21 0.00	270.33 -17.52 0.00	770.19 -49.52 0.00	168.29 -10.83 0.00	91.57 -5.64 0.00	194.27 -13.13 0.00	82.74 -5.51 0.00	41.34 -2.93 0.00	37.07 -2.01 0.00
PINELAWN_CC_1 323563	38.56 2.86 -0.17	35.91 2.59 0.00	29.39 2.00 0.00	28.37 1.76 0.00	30.37 1.92 0.00	34.42 2.36 0.00	33.56 2.40 -0.06	37.19 2.06 -5.70	40.55 2.35 -0.76	43.50 2.50 -0.13	44.88 2.97 -0.14	48.86 3.33 -0.87	82.12 5.00 -3.15	217.85 11.26 -23.36	253.74 14.84 -40.56	364.15 22.78 -65.39	413.60 27.06 -98.68	1068.69 75.36 -173.62	414.48 16.60 -218.76	315.19 8.35 -209.63	237.76 16.34 -14.02	242.84 6.99 -147.60	51.14 3.90 -2.97	42.25 2.95 -0.21
PJM_GEN_HTP_PROXY 323702	37.25 1.71 -0.02	35.51 1.58 -0.62	28.48 1.33 0.24	27.82 1.21 0.00	29.70 1.25 0.00	33.46 1.40 0.00	32.59 1.44 -0.06	36.66 1.48 -5.75	40.00 1.79 -0.76	43.03 2.15 0.00	44.40 2.51 -0.13	47.28 3.08 0.46	83.40 5.09 -4.34	197.40 11.39 -2.78	214.48 14.57 -1.57	297.83 21.84 0.00	313.09 25.23 0.00	853.49 68.86 35.08	193.87 14.75 0.00	104.49 7.28 0.00	221.60 14.19 0.00	94.08 5.79 -0.05	47.44 3.17 0.00	44.02 1.91 -3.03
PJM_GEN_KEystone 24065	35.72 0.48 0.29	34.26 0.34 -0.61	27.29 0.14 0.24	26.76 0.15 0.00	28.60 0.15 0.00	32.41 0.35 0.00	31.52 0.40 -0.03	21.42 0.37 8.38	36.67 0.54 1.31	41.43 0.98 0.43	42.71 1.33 0.38	45.48 2.03 1.21	79.40 3.61 -1.81	187.17 6.94 2.99	204.82 8.18 1.70	312.94 11.83 -25.12	255.00 10.61 43.47	752.50 28.77 95.99	185.47 6.36 0.00	100.05 3.29 0.46	212.53 6.33 1.20	91.37 3.09 -0.03	45.93 1.66 0.00	42.91 0.98 -2.85
PJM_GEN_NEPTUNE_PROXY 323594	37.88 2.18 -0.17	35.92 1.99 -0.62	28.71 1.56 0.24	27.97 1.36 0.00	29.93 1.48 0.00	33.87 1.81 0.00	32.98 1.82 -0.06	36.67 1.54 -5.70	39.93 1.72 -0.76	43.07 2.07 -0.13	44.51 2.62 -0.14	47.21 3.01 0.46	83.04 4.72 -4.34	210.16 10.61 -16.32	250.72 13.84 -38.54	362.58 21.21 -65.39	411.49 24.95 -98.68	1027.42 69.18 -138.53	413.14 15.26 -218.76	314.46 7.62 -209.63	236.04 14.90 -13.75	242.15 6.31 -147.60	48.97 3.38 -1.33	44.53 2.23 -3.21
PJM_GEN_VFT_PROXY 323633	32.72 1.49 4.30	35.25 1.39 -0.55	28.33 1.17 0.24	27.66 1.05 0.00	29.53 1.08 0.00	33.29 1.23 0.00	32.41 1.26 -0.05	33.97 1.31 -3.22	36.56 1.54 2.43	36.68 1.87 6.07	37.65 2.23 6.34	37.19 2.79 10.25	54.20 4.58 24.36	156.45 10.23 37.01	177.56 13.43 34.21	281.46 20.17 14.69	225.54 23.36 85.68	844.04 63.75 39.42	192.73 13.65 0.04	97.36 6.66 6.52	203.14 12.94 17.20	93.55 5.25 -0.05	47.16 2.91 0.01	41.10 1.63 -0.38
PLATSBURG_115KV_PMLD1 355749	35.80 0.28 0.00	33.57 0.25 0.00	27.52 0.13 0.00	26.74 0.12 0.00	28.66 0.21 0.00	32.25 0.18 0.00	31.39 0.30 0.00	29.64 0.20 0.00	37.71 0.27 0.00	40.74 -0.13 0.00	41.39 -0.37 0.00	43.92 -0.73 0.00	72.52 -1.46 0.00	180.79 -2.44 0.00	196.39 -1.95 0.00	272.24 -3.74 0.00	283.38 -4.48 0.00	807.52 -12.19 0.00	176.47 -2.65 0.00	95.50 -1.71 0.00	203.74 -3.66 0.00	86.36 -1.89 0.00	43.24 -1.03 0.00	38.28 -0.81 0.00
PLEASANTVLY__LBMP 24000	36.75 1.20 -0.02	34.46 1.14 0.00	28.40 1.01 0.00	27.54 0.93 0.00	29.40 0.95 0.00	33.08 1.02 0.00	32.13 0.97 -0.07	33.15 1.01 -2.71	38.99 1.19 -0.36	42.31 1.44 0.00	43.59 1.67 -0.15	46.91 2.11 -0.15	78.49 3.28 -1.24	197.40 7.10 -7.08	209.64 9.49 -1.80	290.45 14.47 0.00	305.63 17.77 0.00	868.57 48.86 0.00	190.15 11.04 0.00	102.62 5.41 0.00	218.18 10.78 0.00	92.51 4.20 -0.06	46.67 2.40 0.00	40.55 1.47 0.00

PLSNTVLE_13_KV_13.8KVDIST 80602	37.16 1.62 -0.02	34.79 1.48 0.00	28.66 1.27 0.00	27.77 1.16 0.00	29.65 1.20 0.00	33.40 1.33 0.00	32.50 1.35 -0.06	35.34 1.39 -4.52	39.68 1.64 -0.60	42.84 1.97 0.00	44.20 2.30 -0.14	47.63 2.85 -0.13	79.70 4.63 -1.09	199.91 10.44 -6.23	213.24 13.31 -1.59	296.03 20.05 0.00	311.13 23.26 0.00	883.76 64.04 0.00	193.17 14.05 0.00	104.14 6.93 0.00	221.14 13.74 0.00	93.77 5.47 -0.05	47.26 2.99 0.00	40.95 1.86 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.16 1.62 -0.02	34.79 1.48 0.00	28.66 1.27 0.00	27.77 1.16 0.00	29.65 1.20 0.00	33.40 1.33 0.00	32.50 1.35 -0.06	35.34 1.39 -4.52	39.68 1.64 0.00	42.84 1.97 0.00	44.20 2.30 -0.14	47.63 2.85 -0.13	79.70 4.63 -1.09	199.91 10.44 -6.23	213.24 13.31 -1.59	296.03 20.05 0.00	311.13 23.26 0.00	883.76 64.04 0.00	193.17 14.05 0.00	104.14 6.93 0.00	221.14 13.74 0.00	93.77 5.47 -0.05	47.26 2.99 0.00	40.95 1.86 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.07 1.55 0.01	34.75 1.44 0.00	28.63 1.24 0.00	27.76 1.15 0.00	29.63 1.18 0.00	33.33 1.27 0.00	32.35 1.27 0.02	32.58 1.35 -1.80	39.31 1.62 -0.24	42.81 1.94 0.00	43.94 2.22 0.04	47.36 2.74 0.04	77.95 4.29 0.32	190.90 9.49 1.82	210.03 12.15 0.46	294.72 18.74 0.00	310.35 22.49 0.00	882.37 62.65 0.00	193.12 14.00 0.00	104.21 7.00 0.00	221.25 13.85 0.00	93.68 5.44 0.02	47.19 2.92 0.00	40.97 1.89 0.00
POLETTI____ 23519	37.26 1.71 -0.02	34.89 1.58 0.00	28.74 1.35 0.00	27.83 1.22 0.00	29.71 1.25 0.00	33.47 1.41 0.00	32.61 1.45 -0.06	36.67 1.49 -5.74	40.00 1.79 -0.76	43.02 2.15 0.00	44.38 2.49 -0.13	47.87 3.08 -0.13	80.10 5.04 -1.08	200.77 11.37 -6.17	214.46 14.55 -1.57	297.75 21.76 0.00	312.87 25.02 0.00	888.08 68.36 0.00	193.84 14.72 0.00	104.46 7.24 0.00	221.56 14.16 0.00	94.05 5.75 -0.05	47.42 3.15 0.00	40.99 1.91 0.00
POMONA____ESR 323819	36.94 1.39 -0.02	34.56 1.24 0.00	28.45 1.06 0.00	27.60 0.99 0.00	29.44 0.99 0.00	33.17 1.10 0.00	32.25 1.11 -0.05	22.85 1.14 7.72	37.76 1.33 1.03	42.55 1.68 0.00	43.90 2.02 -0.12	47.37 2.60 -0.11	79.29 4.33 -0.98	198.68 9.84 -5.60	212.26 12.49 -1.42	294.83 18.85 0.00	309.23 21.37 0.00	878.49 58.77 0.00	191.93 12.81 0.00	103.53 6.32 0.00	219.70 12.30 0.00	93.23 4.94 -0.05	46.98 2.71 0.00	40.68 1.59 0.00
PORT_JEFF_3 23555	38.68 2.98 -0.17	36.03 2.71 0.00	29.46 2.07 0.00	28.40 1.79 0.00	30.42 1.97 0.00	34.52 2.46 0.00	33.65 2.49 -0.06	37.24 2.11 -5.70	40.56 2.35 -0.76	43.61 2.61 -0.13	45.42 3.40 -0.26	60.17 3.65 -11.87	113.03 5.42 -33.63	274.57 11.25 -80.09	289.24 14.31 -76.59	363.13 21.75 -65.39	412.33 25.78 -98.69	1063.00 69.67 -173.62	413.03 15.15 -218.76	315.07 8.23 -209.63	242.95 16.69 -18.85	243.23 7.38 -147.60	50.28 4.06 -1.96	42.79 3.00 -0.71
PORT_JEFF_4 23616	38.68 2.98 -0.17	36.03 2.71 0.00	29.46 2.07 0.00	28.40 1.79 0.00	30.42 1.97 0.00	34.52 2.46 0.00	33.65 2.49 -0.06	37.24 2.11 -5.70	40.56 2.35 -0.76	43.61 2.61 -0.13	45.42 3.40 -0.26	60.17 3.65 -11.87	113.03 5.42 -33.63	274.57 11.25 -80.09	289.24 14.31 -76.59	363.13 21.75 -65.39	412.33 25.78 -98.69	1063.00 69.67 -173.62	413.03 15.15 -218.76	315.07 8.23 -209.63	242.95 16.69 -18.85	243.23 7.38 -147.60	50.28 4.06 -1.96	42.79 3.00 -0.71
PORT_JEFF_IC 23713	38.81 3.11 -0.17	36.13 2.82 0.00	29.54 2.15 0.00	28.48 1.87 0.00	30.51 2.06 0.00	34.63 2.56 0.00	33.75 2.60 -0.06	37.34 2.21 -5.70	40.71 2.50 -0.76	43.82 2.82 -0.13	45.65 3.61 -0.28	62.16 3.80 -13.69	118.33 5.65 -38.70	287.84 11.96 -92.65	302.87 15.13 -89.40	364.42 23.05 -65.39	413.79 27.24 -98.69	1067.24 73.91 -173.62	413.85 15.97 -218.76	315.47 8.63 -209.63	245.37 17.40 -20.57	243.50 7.65 -147.60	50.42 4.16 -1.99	43.06 3.19 -0.79
PPL PILGRIM_ST_GT1 24216	38.80 3.10 -0.17	36.13 2.81 0.00	29.54 2.15 0.00	28.50 1.88 0.00	30.52 2.07 0.00	34.64 2.58 0.00	33.76 2.60 -0.06	37.36 2.22 -5.70	40.72 2.51 -0.76	43.87 2.87 -0.13	45.33 3.40 -0.16	51.04 3.86 -2.52	87.30 5.60 -7.72	227.13 12.46 -31.44	259.51 16.13 -45.03	366.02 24.65 -65.39	415.39 28.85 -98.68	1073.65 80.32 -173.62	415.61 17.73 -218.76	315.93 9.09 -209.63	240.03 18.01 -14.62	243.63 7.79 -147.60	50.47 4.09 -2.11	42.41 3.04 -0.29
PPL PILGRIM_ST_GT2 24217	38.80 3.10 -0.17	36.13 2.81 0.00	29.54 2.15 0.00	28.50 1.88 0.00	30.52 2.07 0.00	34.64 2.58 0.00	33.76 2.60 -0.06	37.36 2.22 -5.70	40.72 2.51 -0.76	43.87 2.87 -0.13	45.33 3.40 -0.16	51.04 3.86 -2.52	87.30 5.60 -7.72	227.13 12.46 -31.44	259.51 16.13 -45.03	366.02 24.65 -65.39	415.39 28.85 -98.68	1073.65 80.32 -173.62	415.61 17.73 -218.76	315.93 9.09 -209.63	240.03 18.01 -14.62	243.63 7.79 -147.60	50.47 4.09 -2.11	42.41 3.04 -0.29
PPL_SHRM_GT3 24213	39.21 3.51 -0.17	36.50 3.19 0.00	29.83 2.44 0.00	28.74 2.12 0.00	30.78 2.32 0.00	34.94 2.88 0.00	34.06 2.90 -0.06	37.62 2.49 -5.70	41.05 2.84 -0.76	43.51 2.51 -0.13	46.07 4.05 -0.26	61.31 4.54 -12.12	115.29 6.99 -34.32	278.00 12.67 -82.10	291.88 14.54 -78.99	363.95 22.58 -65.39	413.26 26.72 -98.69	1064.67 71.34 -173.62	413.28 15.40 -218.76	316.83 9.99 -209.63	248.19 21.62 -19.17	245.69 9.84 -147.60	51.34 5.10 -1.97	43.48 3.68 -0.72
PPL_SHRM_GT4 24214	39.21 3.51 -0.17	36.50 3.19 0.00	29.83 2.44 0.00	28.74 2.12 0.00	30.78 2.32 0.00	34.94 2.88 0.00	34.06 2.90 -0.06	37.62 2.49 -5.70	41.05 2.84 -0.76	43.51 2.51 -0.13	46.07 4.05 -0.26	61.31 4.54 -12.12	115.29 6.99 -34.32	278.00 12.67 -82.10	291.88 14.54 -78.99	363.95 22.58 -65.39	413.26 26.72 -98.69	1064.67 71.34 -173.62	413.28 15.40 -218.76	316.83 9.99 -209.63	248.19 21.62 -19.17	245.69 9.84 -147.60	51.34 5.10 -1.97	43.48 3.68 -0.72
PROJECT____ORANGE 1 24174	35.78 0.25 0.00	33.49 0.17 0.00	27.47 0.07 0.00	26.70 0.08 0.00	28.53 0.09 0.00	32.23 0.17 0.00	31.28 0.18 0.00	29.56 0.13 0.00	37.71 0.26 0.00	41.36 0.49 0.00	42.47 0.71 0.00	45.70 1.04 0.00	40.12 1.87 35.72	187.04 3.81 0.00	202.58 4.24 0.00	282.00 6.01 0.00	293.29 5.43 0.00	833.70 13.99 0.00	182.40 3.28 0.00	99.14 1.93 0.00	211.36 3.97 0.00	90.03 1.78 0.00	45.01 0.74 0.00	39.56 0.48 0.00
PROJECT____ORANGE 2 24166	35.78 0.25 0.00	33.49 0.17 0.00	27.47 0.07 0.00	26.70 0.08 0.00	28.53 0.09 0.00	32.23 0.17 0.00	31.28 0.18 0.00	29.56 0.13 0.00	37.71 0.26 0.00	41.36 0.49 0.00	42.47 0.71 0.00	45.70 1.04 0.00	40.12 1.87 35.72	187.04 3.81 0.00	202.58 4.24 0.00	282.00 6.01 0.00	293.29 5.43 0.00	833.70 13.99 0.00	182.40 3.28 0.00	99.14 1.93 0.00	211.36 3.97 0.00	90.03 1.78 0.00	45.01 0.74 0.00	39.56 0.48 0.00
PUCKETT____SOLAR 323809	36.54 1.01 0.00	34.15 0.84 0.00	28.00 0.61 0.00	27.23 0.62 0.00	29.12 0.67 0.00	32.98 0.91 0.00	32.09 0.99 0.00	30.38 0.94 0.00	38.69 1.24 0.00	42.38 1.50 0.00	43.28 1.52 0.00	46.56 1.90 0.00	77.40 3.43 0.00	190.57 7.34 0.00	206.94 8.60 0.00	288.97 12.99 0.00	299.95 12.09 0.00	857.28 37.57 0.00	188.67 9.54 0.00	102.65 5.43 0.00	218.81 11.41 0.00	93.15 4.90 0.00	46.57 2.30 0.00	40.82 1.74 0.00

PYRITES___HYD 24023	35.45 -0.08 0.00	33.06 -0.26 0.00	26.96 -0.44 0.00	26.22 -0.40 0.00	28.00 -0.45 0.00	31.63 -0.43 0.00	30.92 -0.18 0.00	29.20 -0.24 0.00	37.10 -0.35 0.00	39.99 -0.89 0.00	40.46 -1.30 0.00	42.28 -2.38 0.00	-1245.96 -4.21 1315.72	176.65 -6.58 0.00	191.58 -6.76 0.00	265.04 -10.94 0.00	275.22 -12.63 0.00	785.39 -34.32 0.00	172.12 -7.00 0.00	93.86 -3.35 0.00	199.19 -8.21 0.00	84.83 -3.42 0.00	42.31 -1.96 0.00	37.94 -1.14 0.00
QUAKERRD_115KV_BK1 80622	35.19 -0.33 0.00	32.92 -0.39 0.00	26.81 -0.58 0.00	26.10 -0.52 0.00	27.92 -0.53 0.00	31.64 -0.43 0.00	30.74 -0.36 0.00	28.98 -0.46 0.00	37.12 -0.33 0.00	40.99 0.11 0.00	42.35 0.59 0.00	46.00 1.34 0.00	76.57 2.59 0.00	188.14 4.91 0.00	202.68 4.34 0.00	281.49 5.51 0.00	291.01 3.15 0.00	829.49 9.78 0.00	181.38 2.26 0.00	98.63 1.42 0.00	209.56 2.16 0.00	90.09 1.84 0.00	44.97 0.70 0.00	39.51 0.42 0.00
QUENSBRY_115KV_TB8 356137	38.07 2.56 0.02	35.65 2.34 0.00	29.35 1.96 0.00	28.48 1.87 0.00	30.53 2.08 0.00	34.26 2.20 0.00	33.14 2.11 0.07	32.81 2.08 -1.29	40.27 2.65 -0.17	43.67 2.80 0.00	44.59 2.99 0.16	47.98 3.47 0.15	78.31 5.62 1.28	189.63 13.72 7.32	212.38 15.90 1.86	299.76 23.78 0.00	313.04 25.19 0.00	893.53 73.82 0.00	197.68 18.56 0.00	106.24 9.03 0.00	226.81 19.41 0.00	95.80 7.61 0.06	48.35 4.07 0.00	42.41 3.32 0.00
RAMAPO___LBMP 323565	36.82 1.27 -0.02	34.46 1.14 0.00	28.37 0.98 0.00	27.51 0.90 0.00	29.36 0.91 0.00	33.08 1.03 0.00	32.16 1.01 -0.05	23.08 1.05 7.41	37.68 1.22 0.99	42.39 1.52 0.00	43.71 1.83 -0.12	47.14 2.37 -0.11	78.85 3.91 -0.97	197.55 8.77 -5.55	211.03 11.28 -1.41	292.95 16.97 0.00	307.21 19.35 0.00	872.67 52.96 0.00	190.79 11.67 0.00	102.95 5.74 0.00	218.60 11.20 0.00	92.79 4.49 -0.05	46.77 2.49 0.00	40.53 1.45 0.00
RANKINE____ 23646	36.01 0.48 0.00	33.65 0.33 0.00	27.21 -0.18 0.00	26.57 -0.05 0.00	28.43 -0.02 0.00	32.34 0.28 0.00	31.37 0.28 0.00	29.44 0.00 0.00	37.97 0.52 0.00	42.24 1.36 0.00	43.88 2.12 0.00	48.03 3.38 0.00	80.22 6.24 0.00	195.72 12.49 0.00	209.90 11.56 0.00	290.66 14.68 0.00	298.00 9.70 -0.44	848.93 29.21 0.00	185.17 6.05 0.00	100.84 3.63 0.00	214.65 7.25 0.00	93.23 4.98 0.00	46.57 2.30 0.00	41.00 1.92 0.00
RAVENSWOOD_GT2_1 24244	37.35 1.80 -0.02	34.97 1.66 0.00	28.79 1.40 0.00	27.88 1.27 0.00	29.76 1.31 0.00	33.54 1.48 0.00	32.66 1.51 -0.06	36.73 1.55 -5.74	40.07 1.86 -0.76	43.09 2.22 0.00	44.46 2.56 -0.13	47.93 3.15 -0.13	80.22 5.16 -1.08	200.95 11.56 -6.17	214.66 14.75 -1.57	298.02 22.04 0.00	313.02 25.16 0.00	888.75 69.03 0.00	194.03 14.91 0.00	104.58 7.37 0.00	221.89 14.48 0.00	94.17 5.87 -0.05	47.48 3.20 0.00	41.05 1.97 0.00
RAVENSWOOD_GT2_2 24245	37.35 1.80 -0.02	34.97 1.66 0.00	28.79 1.40 0.00	27.88 1.27 0.00	29.76 1.31 0.00	33.54 1.48 0.00	32.66 1.51 -0.06	36.73 1.55 -5.74	40.07 1.86 -0.76	43.09 2.22 0.00	44.46 2.56 -0.13	47.93 3.15 -0.13	80.22 5.16 -1.08	200.95 11.56 -6.17	214.66 14.75 -1.57	298.02 22.04 0.00	313.02 25.16 0.00	888.75 69.03 0.00	194.03 14.91 0.00	104.58 7.37 0.00	221.89 14.48 0.00	94.17 5.87 -0.05	47.48 3.20 0.00	41.05 1.97 0.00
RAVENSWOOD_GT2_3 24246	37.36 1.81 -0.02	34.99 1.68 0.00	28.80 1.41 0.00	27.90 1.28 0.00	29.78 1.33 0.00	33.56 1.50 0.00	32.69 1.54 -0.06	36.75 1.57 -5.74	40.10 1.89 -0.76	43.13 2.25 0.00	44.50 2.60 -0.13	47.98 3.19 -0.13	80.29 5.23 -1.08	201.14 11.74 -6.17	214.86 14.94 -1.57	298.26 22.28 0.00	313.24 25.38 0.00	889.57 69.85 0.00	194.17 15.05 0.00	104.66 7.45 0.00	222.03 14.63 0.00	94.26 5.96 -0.05	47.51 3.24 0.00	41.08 2.00 0.00
RAVENSWOOD_GT2_4 24247	37.36 1.81 -0.02	34.99 1.68 0.00	28.80 1.41 0.00	27.90 1.28 0.00	29.78 1.33 0.00	33.56 1.50 0.00	32.69 1.54 -0.06	36.75 1.57 -5.74	40.10 1.89 -0.76	43.13 2.25 0.00	44.50 2.60 -0.13	47.98 3.19 -0.13	80.29 5.23 -1.08	201.14 11.74 -6.17	214.86 14.94 -1.57	298.26 22.28 0.00	313.24 25.38 0.00	889.57 69.85 0.00	194.17 15.05 0.00	104.66 7.45 0.00	222.03 14.63 0.00	94.26 5.96 -0.05	47.51 3.24 0.00	41.08 2.00 0.00
RAVENSWOOD_GT3_1 24248	37.35 1.80 -0.02	34.97 1.66 0.00	28.79 1.40 0.00	27.88 1.27 0.00	29.76 1.31 0.00	33.53 1.47 0.00	32.66 1.51 -0.06	36.73 1.55 -5.74	40.07 1.86 -0.76	43.10 2.22 0.00	44.46 2.56 -0.13	47.93 3.15 -0.13	80.22 5.16 -1.08	200.98 11.58 -6.17	214.66 14.75 -1.57	298.02 22.04 0.00	313.07 25.21 0.00	888.75 69.03 0.00	194.03 14.91 0.00	104.58 7.37 0.00	221.89 14.48 0.00	94.17 5.87 -0.05	47.48 3.21 0.00	41.05 1.97 0.00
RAVENSWOOD_GT3_2 24249	37.35 1.80 -0.02	34.97 1.66 0.00	28.79 1.40 0.00	27.88 1.27 0.00	29.76 1.31 0.00	33.53 1.47 0.00	32.66 1.51 -0.06	36.73 1.55 -5.74	40.07 1.86 -0.76	43.10 2.22 0.00	44.46 2.56 -0.13	47.93 3.15 -0.13	80.22 5.16 -1.08	200.98 11.58 -6.17	214.66 14.75 -1.57	298.02 22.04 0.00	313.07 25.21 0.00	888.75 69.03 0.00	194.03 14.91 0.00	104.58 7.37 0.00	221.89 14.48 0.00	94.17 5.87 -0.05	47.48 3.21 0.00	41.05 1.97 0.00
RAVENSWOOD_GT3_3 24250	37.42 1.88 -0.02	35.04 1.73 0.00	28.84 1.45 0.00	27.93 1.32 0.00	29.82 1.37 0.00	33.61 1.54 0.00	32.74 1.59 -0.06	36.80 1.62 -5.74	40.17 1.96 -0.76	43.20 2.32 0.00	44.58 2.69 -0.13	48.07 3.28 -0.13	80.44 5.38 -1.08	201.54 12.14 -6.17	215.27 15.36 -1.57	298.85 22.87 0.00	313.88 26.03 0.00	891.21 71.49 0.00	194.56 15.45 0.00	104.87 7.65 0.00	222.45 15.04 0.00	94.43 6.13 -0.05	47.59 3.32 0.00	41.15 2.07 0.00
RAVENSWOOD_GT3_4 24251	37.42 1.88 -0.02	35.04 1.73 0.00	28.84 1.45 0.00	27.93 1.32 0.00	29.82 1.37 0.00	33.61 1.54 0.00	32.74 1.59 -0.06	36.80 1.62 -5.74	40.17 1.96 -0.76	43.20 2.32 0.00	44.58 2.69 -0.13	48.07 3.28 -0.13	80.44 5.38 -1.08	201.54 12.14 -6.17	215.27 15.36 -1.57	298.85 22.87 0.00	313.88 26.03 0.00	891.21 71.49 0.00	194.56 15.45 0.00	104.87 7.65 0.00	222.45 15.04 0.00	94.43 6.13 -0.05	47.59 3.32 0.00	41.15 2.07 0.00
RAVENSWOOD_GT_1 23729	37.47 1.92 -0.02	35.08 1.76 0.00	28.87 1.47 0.00	27.94 1.33 0.00	29.82 1.37 0.00	33.60 1.54 0.00	32.75 1.60 -0.06	36.81 1.63 -5.74	40.22 2.01 -0.76	43.19 2.31 0.00	44.50 2.60 -0.13	47.99 3.20 -0.13	80.18 5.12 -1.08	200.69 11.29 -6.17	214.44 14.53 -1.57	297.52 21.53 0.00	312.15 24.29 0.00	886.56 66.85 0.00	193.45 14.33 0.00	102.81 7.04 1.44	211.31 13.71 9.81	93.87 5.58 -0.05	47.35 3.08 0.00	40.94 1.85 0.00
RAVENSWOOD_GT_10 24258	37.35 1.80 -0.02	34.97 1.65 0.00	28.78 1.39 0.00	27.88 1.27 0.00	29.76 1.31 0.00	33.54 1.48 0.00	32.66 1.51 -0.06	36.72 1.54 -5.74	40.07 1.86 -0.76	43.10 2.22 0.00	44.46 2.56 -0.13	47.93 3.15 -0.13	80.22 5.16 -1.08	201.08 11.68 -6.17	214.68 14.77 -1.57	298.04 22.06 0.00	313.10 25.24 0.00	888.97 69.25 0.00	194.07 14.95 0.00	104.43 7.38 0.17	220.80 14.53 1.13	94.20 5.89 -0.05	47.49 3.22 0.00	41.07 1.99 0.00



RAVENSWOOD_GT_11 24259	37.35 1.80 -0.02	34.97 1.65 0.00	28.78 1.39 0.00	27.88 1.27 0.00	29.76 1.31 0.00	33.53 1.47 0.00	32.66 1.51 -0.06	36.72 1.54 -5.74	40.07 1.86 -0.76	43.09 2.22 0.00	44.46 2.56 -0.13	47.94 3.15 -0.13	80.22 5.16 -1.08	201.08 11.69 -6.17	214.68 14.77 -1.57	298.05 22.06 0.00	313.09 25.23 0.00	889.02 69.31 0.00	194.07 14.95 0.00	104.43 7.38 0.17	220.74 14.46 1.13	94.20 5.90 -0.05	47.49 3.22 0.00	41.06 1.98 0.00
RAVENSWOOD_GT_4 24252	37.33 1.79 -0.02	34.97 1.65 0.00	28.78 1.39 0.00	27.88 1.26 0.00	29.76 1.31 0.00	33.54 1.48 0.00	32.65 1.50 -0.06	36.72 1.54 -5.74	40.06 1.85 -0.76	43.09 2.21 0.00	44.46 2.56 -0.13	47.94 3.15 -0.13	80.23 5.17 -1.08	201.14 11.74 -6.17	214.81 14.90 -1.57	298.22 22.24 0.00	313.38 25.53 0.00	889.57 69.85 0.00	194.23 15.11 0.00	103.59 7.48 1.10	214.72 14.78 7.47	94.29 5.99 -0.05	47.53 3.26 0.00	41.11 2.02 0.00
RAVENSWOOD_GT_5 24254	37.33 1.79 -0.02	34.97 1.65 0.00	28.78 1.39 0.00	27.88 1.26 0.00	29.76 1.31 0.00	33.54 1.48 0.00	32.65 1.50 -0.06	36.72 1.54 -5.74	40.06 1.85 -0.76	43.09 2.21 0.00	44.46 2.56 -0.13	47.94 3.15 -0.13	80.23 5.17 -1.08	201.14 11.74 -6.17	214.81 14.90 -1.57	298.22 22.24 0.00	313.38 25.53 0.00	889.57 69.85 0.00	194.23 15.11 0.00	103.59 7.48 1.10	214.72 14.78 7.47	94.29 5.99 -0.05	47.53 3.26 0.00	41.11 2.02 0.00
RAVENSWOOD_GT_6 24253	37.33 1.79 -0.02	34.97 1.65 0.00	28.78 1.39 0.00	27.88 1.26 0.00	29.76 1.31 0.00	33.54 1.48 0.00	32.65 1.50 -0.06	36.72 1.54 -5.74	40.06 1.85 -0.76	43.09 2.21 0.00	44.46 2.56 -0.13	47.94 3.15 -0.13	80.23 5.17 -1.08	201.14 11.74 -6.17	214.81 14.90 -1.57	298.22 22.24 0.00	313.38 25.53 0.00	889.57 69.85 0.00	194.23 15.11 0.00	103.59 7.48 1.10	214.72 14.78 7.47	94.29 5.99 -0.05	47.53 3.26 0.00	41.11 2.02 0.00
RAVENSWOOD_GT_7 24255	37.33 1.79 -0.02	34.97 1.65 0.00	28.78 1.39 0.00	27.88 1.26 0.00	29.76 1.31 0.00	33.54 1.48 0.00	32.65 1.50 -0.06	36.72 1.54 -5.74	40.06 1.85 -0.76	43.09 2.21 0.00	44.46 2.56 -0.13	47.94 3.15 -0.13	80.23 5.17 -1.08	201.14 11.74 -6.17	214.81 14.90 -1.57	298.22 22.24 0.00	313.38 25.53 0.00	889.57 69.85 0.00	194.23 15.11 0.00	103.59 7.48 1.10	214.72 14.78 7.47	94.29 5.99 -0.05	47.53 3.26 0.00	41.11 2.02 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.35 1.80 -0.02	34.97 1.65 0.00	28.78 1.39 0.00	27.88 1.27 0.00	29.76 1.31 0.00	33.54 1.48 0.00	32.66 1.51 -0.06	36.72 1.54 -5.74	40.07 1.86 -0.76	43.10 2.22 0.00	44.46 2.56 -0.13	47.93 3.15 -0.13	80.22 5.16 -1.08	201.08 11.68 -6.17	214.68 14.77 -1.57	298.04 22.06 0.00	313.10 25.24 0.00	888.97 69.25 0.00	194.07 14.95 0.00	104.43 7.38 0.17	220.80 14.53 1.13	94.20 5.89 -0.05	47.49 3.22 0.00	41.07 1.99 0.00
RAVENSWOOD_GT_9 24257	37.35 1.80 -0.02	34.97 1.65 0.00	28.78 1.39 0.00	27.88 1.27 0.00	29.76 1.31 0.00	33.54 1.48 0.00	32.66 1.51 -0.06	36.72 1.54 -5.74	40.07 1.86 -0.76	43.10 2.22 0.00	44.46 2.56 -0.13	47.93 3.15 -0.13	80.22 5.16 -1.08	201.08 11.68 -6.17	214.68 14.77 -1.57	298.04 22.06 0.00	313.10 25.24 0.00	888.97 69.25 0.00	194.07 14.95 0.00	104.43 7.38 0.17	220.80 14.53 1.13	94.20 5.89 -0.05	47.49 3.22 0.00	41.07 1.99 0.00
RAVENSWOOD___1 23533	37.40 1.85 -0.02	35.02 1.71 0.00	28.84 1.45 0.00	27.92 1.31 0.00	29.81 1.36 0.00	33.58 1.52 0.00	32.74 1.58 -0.06	36.80 1.62 -5.74	40.19 1.98 -0.76	43.16 2.29 0.00	44.48 2.58 -0.13	47.96 3.18 -0.13	80.15 5.09 -1.08	200.65 11.25 -6.17	214.39 14.48 -1.57	297.32 21.34 0.00	312.00 24.14 0.00	886.20 66.49 0.00	193.37 14.25 0.00	102.55 7.01 1.68	209.56 13.57 11.41	93.83 5.54 -0.04	47.32 3.05 0.01	40.91 1.83 0.00
RAVENSWOOD___2 23534	37.40 1.85 -0.02	35.02 1.71 0.00	28.82 1.43 0.00	27.91 1.30 0.00	29.79 1.34 0.00	33.56 1.51 0.00	32.71 1.56 -0.06	36.77 1.60 -5.74	40.16 1.95 -0.76	43.15 2.27 0.00	44.46 2.57 -0.13	47.95 3.17 -0.13	80.13 5.07 -1.08	200.58 11.18 -6.17	214.30 14.39 -1.57	296.83 20.85 0.00	311.15 23.29 0.00	883.69 63.98 0.00	192.83 13.71 0.00	102.16 6.63 1.68	208.00 12.05 11.45	93.03 4.74 -0.04	46.92 2.66 0.01	40.56 1.48 0.00
RAVENSWOOD___3 23535	37.35 1.80 -0.02	34.97 1.66 0.00	28.79 1.40 0.00	27.88 1.27 0.00	29.76 1.31 0.00	33.54 1.48 0.00	32.67 1.52 -0.06	36.73 1.55 -5.74	40.07 1.86 -0.76	43.10 2.23 0.00	44.46 2.56 -0.13	47.94 3.15 -0.13	80.22 5.16 -1.08	201.03 11.63 -6.17	214.65 14.74 -1.57	298.02 22.04 0.00	313.07 25.21 0.00	889.02 69.31 0.00	194.04 14.92 0.00	104.59 7.38 0.00	221.81 14.41 0.00	94.18 5.88 -0.05	47.49 3.22 0.00	41.05 1.97 0.00
RAVENSWOOD___4 23820	37.40 1.85 -0.02	35.02 1.71 0.00	28.82 1.43 0.00	27.91 1.30 0.00	29.79 1.34 0.00	33.56 1.51 0.00	32.71 1.56 -0.06	36.77 1.60 -5.74	40.16 1.95 -0.76	43.15 2.27 0.00	44.46 2.57 -0.13	47.95 3.17 -0.13	80.13 5.07 -1.08	200.58 11.18 -6.17	214.32 14.41 -1.57	297.23 21.25 0.00	311.88 24.03 0.00	885.82 66.11 0.00	193.32 14.20 0.00	102.24 6.94 1.92	207.80 13.44 13.04	93.76 5.47 -0.04	47.29 3.03 0.01	40.88 1.80 0.00
RCPI_TRUST___DRP 24196	37.31 1.76 -0.02	34.93 1.61 0.00	28.75 1.36 0.00	27.85 1.24 0.00	29.73 1.28 0.00	33.51 1.45 0.00	32.64 1.49 -0.06	36.71 1.53 -5.75	40.07 1.86 -0.76	43.10 2.23 0.00	44.48 2.59 -0.13	47.96 3.18 -0.13	80.29 5.23 -1.08	201.15 11.75 -6.17	214.86 14.94 -1.57	298.42 22.44 0.00	313.70 25.84 0.00	890.22 70.51 0.00	194.22 15.10 0.00	104.64 7.42 0.00	221.97 14.57 0.00	94.21 5.91 -0.05	47.50 3.23 0.00	41.07 1.98 0.00
RED___ROCHESTER 323720	36.46 0.93 0.00	34.06 0.74 0.00	27.67 0.28 0.00	26.94 0.33 0.00	28.82 0.37 0.00	32.71 0.65 0.00	31.75 0.65 0.00	29.92 0.48 0.00	38.40 0.96 0.00	42.52 1.64 0.00	44.02 2.26 0.00	47.98 3.32 0.00	79.93 5.96 0.00	196.15 12.92 0.00	210.95 12.61 0.00	292.91 16.92 0.00	301.94 14.08 0.00	861.47 41.76 0.00	188.47 9.35 0.00	102.54 5.33 0.00	217.75 10.34 0.00	93.89 5.64 0.00	46.85 2.58 0.00	41.15 2.06 0.00
REGAN___SOLAR 323812	39.21 3.70 0.02	36.64 3.33 0.00	30.06 2.67 0.00	29.18 2.57 0.00	31.20 2.75 0.00	35.29 3.23 0.00	34.33 3.28 0.05	33.45 2.98 -1.04	40.53 2.94 -0.14	43.71 2.84 0.00	44.26 2.61 0.11	46.87 2.32 0.10	78.38 5.28 0.88	190.09 11.88 5.02	209.00 11.94 1.28	294.64 18.66 0.00	308.10 20.24 0.00	909.11 89.39 0.00	204.97 25.85 0.00	111.75 14.54 0.00	238.70 31.30 0.00	101.10 12.89 0.04	49.64 5.37 0.00	43.27 4.19 0.00
RENSSELAER___COGEN 23796	35.87 0.36 0.02	33.74 0.43 0.00	27.88 0.49 0.00	27.05 0.44 0.00	28.91 0.46 0.00	32.43 0.37 0.00	31.27 0.23 0.06	31.05 0.28 -1.34	37.84 0.21 -0.18	41.02 0.14 0.00	41.77 0.15 0.15	44.72 0.20 0.14	72.57 -0.23 1.18	175.05 -1.46 6.71	196.43 -0.21 1.71	276.29 0.31 0.00	291.21 3.35 0.00	830.39 10.67 0.00	182.52 3.40 0.00	98.69 1.48 0.00	210.76 3.36 0.00	89.25 1.05 0.05	45.31 1.04 0.00	39.74 0.66 0.00

REPUBLIC_115KV_BARTNBRK 55605	40.36 4.86 0.02	37.61 4.29 0.00	30.94 3.55 0.00	30.04 3.43 0.00	32.25 3.80 0.00	36.26 4.20 0.00	35.20 4.17 0.07	34.84 4.12 -1.29	42.85 5.23 -0.17	46.06 5.18 0.00	47.16 5.56 0.16	50.86 6.35 0.15	83.22 10.54 1.29	202.83 26.99 7.39	228.48 32.02 1.88	320.45 44.47 0.00	333.07 45.22 0.00	948.98 129.26 0.00	210.47 31.36 0.00	112.73 15.52 0.00	240.27 32.87 0.00	100.44 12.25 0.06	50.68 6.41 0.00	44.88 5.80 0.00
REVERE_CPPR_DRP 24186	36.87 1.35 0.00	34.40 1.08 0.00	28.21 0.82 0.00	27.45 0.84 0.00	29.37 0.92 0.00	33.24 1.18 0.00	32.35 1.26 0.00	30.60 1.17 0.00	38.98 1.54 0.00	42.68 1.81 0.00	43.63 1.87 0.00	46.66 2.01 0.00	-34.51 3.04 111.53	190.39 7.16 0.00	207.35 9.01 0.00	288.60 12.62 0.00	301.63 13.77 0.00	860.11 40.40 0.00	189.05 9.93 0.00	102.91 5.70 0.00	219.16 11.76 0.00	93.05 4.80 0.00	46.64 2.37 0.00	40.84 1.75 0.00
REYNOLDS_115KV_TB3 80639	36.10 0.60 0.03	33.98 0.67 0.00	28.07 0.68 0.00	27.24 0.62 0.00	29.11 0.66 0.00	32.66 0.59 0.00	31.44 0.42 0.07	31.27 0.47 -1.37	38.11 0.48 -0.18	41.35 0.48 0.00	42.13 0.54 0.17	45.19 0.69 0.16	73.13 0.54 1.38	175.71 0.38 7.89	198.14 1.81 2.01	279.08 3.10 0.00	294.28 6.42 0.00	839.19 19.48 0.00	184.46 5.34 0.00	99.71 2.50 0.00	213.11 5.71 0.00	90.10 1.92 0.06	45.74 1.47 0.00	40.07 0.99 0.00
RIVERBAY____ 323610	37.66 2.11 -0.02	35.29 1.98 0.00	29.05 1.66 0.00	28.15 1.54 0.00	30.06 1.61 0.00	33.87 1.81 0.00	32.98 1.83 -0.06	36.98 1.80 -5.74	40.40 2.18 -0.76	43.37 2.49 0.00	44.71 2.81 -0.13	48.25 3.46 -0.13	80.79 5.73 -1.08	202.51 13.12 -6.17	216.47 16.56 -1.57	300.27 24.29 0.00	314.93 27.08 0.00	895.31 75.60 0.00	195.60 16.48 0.00	105.42 8.21 0.00	223.99 16.59 0.01	95.12 6.82 -0.04	47.88 3.62 0.01	41.45 2.37 0.00
RIVERSDE_115KV_TB3 55908	36.03 0.53 0.02	33.91 0.60 0.00	28.01 0.62 0.00	27.18 0.56 0.00	29.05 0.60 0.00	32.59 0.53 0.00	31.39 0.37 0.07	31.21 0.42 -1.35	38.05 0.42 -0.18	41.30 0.43 0.00	42.09 0.49 0.16	45.12 0.61 0.15	73.16 0.46 1.29	176.22 0.31 7.33	198.14 1.66 1.86	278.96 2.98 0.00	294.05 6.19 0.00	838.44 18.73 0.00	184.28 5.16 0.00	99.61 2.40 0.00	212.75 5.35 0.00	90.01 1.82 0.06	45.66 1.39 0.00	40.00 0.91 0.00
ROARING__BROOK_WT_PWR 323790	35.32 -0.21 0.00	33.00 -0.31 0.00	27.11 -0.28 0.00	26.41 -0.20 0.00	28.28 -0.17 0.00	31.90 -0.16 0.00	30.94 -0.16 0.00	29.26 -0.17 0.00	37.25 -0.20 0.00	40.62 -0.26 0.00	41.38 -0.38 0.00	44.05 -0.61 0.00	101.01 -1.08 -28.12	180.98 -2.25 0.00	195.69 -2.65 0.00	272.09 -3.89 0.00	283.54 -4.32 0.00	807.89 -11.82 0.00	176.49 -2.62 0.00	95.67 -1.54 0.00	204.32 -3.08 0.00	87.02 -1.23 0.00	43.65 -0.62 0.00	38.57 -0.51 0.00
ROCHESRG_115KV_T4 355643	35.94 0.41 0.00	33.60 0.29 0.00	27.31 -0.08 0.00	26.61 0.00 0.00	28.47 0.01 0.00	32.29 0.23 0.00	31.32 0.23 0.00	29.51 0.07 0.00	37.86 0.41 0.00	41.86 0.99 0.00	43.30 1.54 0.00	47.13 2.47 0.00	78.50 4.52 0.00	192.56 9.33 0.00	207.01 8.67 0.00	287.34 11.36 0.00	296.16 8.30 0.00	844.91 25.19 0.00	184.77 5.66 0.00	100.55 3.33 0.00	213.64 6.24 0.00	92.22 3.97 0.00	46.06 1.79 0.00	40.48 1.40 0.00
ROCHESTER_9_IC 23652	36.22 0.69 0.00	33.84 0.53 0.00	27.51 0.11 0.00	26.79 0.18 0.00	28.66 0.21 0.00	32.52 0.45 0.00	31.56 0.46 0.00	29.73 0.30 0.00	38.16 0.71 0.00	42.21 1.34 0.00	43.69 1.93 0.00	47.60 2.94 0.00	79.29 5.31 0.00	194.56 11.33 0.00	209.16 10.81 0.00	290.30 14.31 0.00	299.31 11.44 0.00	853.78 34.06 0.00	186.73 7.61 0.00	101.61 4.40 0.00	215.79 8.39 0.00	93.11 4.86 0.00	46.48 2.21 0.00	40.83 1.75 0.00
ROCKVIEW_13_KV_LD 356306	37.35 1.80 -0.02	34.98 1.66 0.00	28.78 1.39 0.00	27.88 1.27 0.00	29.76 1.31 0.00	33.54 1.48 0.00	32.65 1.50 -0.06	36.69 1.52 -5.74	40.06 1.85 -0.76	43.09 2.21 0.00	44.47 2.57 -0.13	47.93 3.15 -0.13	80.23 5.17 -1.08	201.22 11.82 -6.17	214.83 14.92 -1.57	298.24 22.26 0.00	313.41 25.55 0.00	890.11 70.39 0.00	194.41 15.29 0.00	104.86 7.65 0.00	222.51 15.10 0.00	94.41 6.11 -0.05	47.57 3.30 0.00	41.18 2.10 0.00
ROME____115KV_TB2 80656	36.87 1.35 0.00	34.40 1.08 0.00	28.21 0.82 0.00	27.45 0.84 0.00	29.37 0.92 0.00	33.24 1.18 0.00	32.35 1.26 0.00	30.60 1.17 0.00	38.98 1.54 0.00	42.68 1.81 0.00	43.63 1.87 0.00	46.66 2.01 0.00	-34.51 3.04 111.53	190.39 7.16 0.00	207.35 9.01 0.00	288.60 12.62 0.00	301.63 13.77 0.00	860.11 40.40 0.00	189.05 9.93 0.00	102.91 5.70 0.00	219.16 11.76 0.00	93.05 4.80 0.00	46.64 2.37 0.00	40.84 1.75 0.00
ROSETON__1 23587	36.74 1.19 -0.02	34.43 1.12 0.00	28.38 0.99 0.00	27.52 0.91 0.00	29.38 0.93 0.00	33.06 1.00 0.00	32.11 0.96 -0.05	30.43 0.99 0.00	38.61 1.17 0.00	42.28 1.41 0.00	43.52 1.64 -0.12	46.83 2.06 -0.11	78.13 3.17 -0.98	195.63 6.81 -5.59	208.91 9.15 -1.42	289.88 13.90 0.00	304.60 16.74 0.00	864.98 45.26 0.00	189.55 10.43 0.00	102.33 5.12 0.00	217.53 10.13 0.00	92.40 4.10 -0.05	46.62 2.35 0.00	40.49 1.41 0.00
ROSETON__2 23588	36.74 1.19 -0.02	34.43 1.12 0.00	28.38 0.99 0.00	27.52 0.91 0.00	29.38 0.93 0.00	33.06 1.00 0.00	32.11 0.96 -0.05	30.43 0.99 0.00	38.61 1.17 0.00	42.28 1.41 0.00	43.52 1.64 -0.12	46.83 2.06 -0.11	78.13 3.17 -0.98	195.63 6.81 -5.59	208.91 9.15 -1.42	289.88 13.90 0.00	304.60 16.74 0.00	864.98 45.26 0.00	189.55 10.43 0.00	102.33 5.12 0.00	217.53 10.13 0.00	92.40 4.10 -0.05	46.62 2.35 0.00	40.49 1.41 0.00
ROTTRDAM_115KV_TB3 80664	36.64 1.13 0.02	34.41 1.10 0.00	28.39 1.00 0.00	27.56 0.94 0.00	29.45 1.00 0.00	33.09 1.03 0.00	31.97 0.94 0.05	31.59 0.91 -1.24	38.72 1.10 -0.17	42.11 1.24 0.00	42.99 1.36 0.13	46.13 1.60 0.12	75.29 2.35 1.04	182.46 5.16 5.93	203.47 6.64 1.51	285.99 10.01 0.00	300.18 12.32 0.00	856.08 36.36 0.00	188.04 8.93 0.00	101.75 4.54 0.00	217.18 9.78 0.00	92.06 3.86 0.05	46.47 2.20 0.00	40.70 1.61 0.00
RUSSELL__1 23602	36.46 0.93 0.00	34.06 0.74 0.00	27.67 0.28 0.00	26.94 0.33 0.00	28.82 0.37 0.00	32.71 0.64 0.00	31.75 0.65 0.00	29.92 0.48 0.00	38.41 0.96 0.00	42.51 1.64 0.00	44.02 2.26 0.00	47.98 3.32 0.00	79.94 5.97 0.00	196.21 12.98 0.00	210.97 12.63 0.00	292.90 16.92 0.00	301.90 14.04 0.00	861.57 41.86 0.00	188.47 9.36 0.00	102.55 5.33 0.00	217.69 10.29 0.00	93.90 5.65 0.00	46.85 2.58 0.00	41.13 2.04 0.00
RUSSELL__2 23532	36.46 0.93 0.00	34.06 0.74 0.00	27.67 0.28 0.00	26.94 0.33 0.00	28.82 0.37 0.00	32.71 0.64 0.00	31.75 0.65 0.00	29.92 0.48 0.00	38.41 0.96 0.00	42.51 1.64 0.00	44.02 2.26 0.00	47.98 3.32 0.00	79.94 5.97 0.00	196.21 12.98 0.00	210.97 12.63 0.00	292.90 16.92 0.00	301.90 14.04 0.00	861.57 41.86 0.00	188.47 9.36 0.00	102.55 5.33 0.00	217.69 10.29 0.00	93.90 5.65 0.00	46.85 2.58 0.00	41.13 2.04 0.00

RUSSELL___3 23549	36.46 0.93 0.00	34.06 0.74 0.00	27.67 0.28 0.00	26.94 0.33 0.00	28.82 0.37 0.00	32.71 0.64 0.00	31.75 0.65 0.00	29.92 0.48 0.00	38.41 0.96 0.00	42.51 1.64 0.00	44.02 2.26 0.00	47.98 3.32 0.00	79.94 5.97 0.00	196.21 12.98 0.00	210.97 12.63 0.00	292.90 16.92 0.00	301.90 14.04 0.00	861.57 41.86 0.00	188.47 9.36 0.00	102.55 5.33 0.00	217.69 10.29 0.00	93.90 5.65 0.00	46.85 2.58 0.00	41.13 2.04 0.00
RUSSELL___4 23556	36.46 0.93 0.00	34.06 0.74 0.00	27.67 0.28 0.00	26.94 0.33 0.00	28.82 0.37 0.00	32.71 0.64 0.00	31.75 0.65 0.00	29.92 0.48 0.00	38.41 0.96 0.00	42.51 1.64 0.00	44.02 2.26 0.00	47.98 3.32 0.00	79.94 5.97 0.00	196.21 12.98 0.00	210.97 12.63 0.00	292.90 16.92 0.00	301.90 14.04 0.00	861.57 41.86 0.00	188.47 9.36 0.00	102.55 5.33 0.00	217.69 10.29 0.00	93.90 5.65 0.00	46.85 2.58 0.00	41.13 2.04 0.00
RUSSELL___STATION 23914	36.46 0.93 0.00	34.06 0.74 0.00	27.67 0.28 0.00	26.94 0.33 0.00	28.82 0.37 0.00	32.71 0.64 0.00	31.75 0.65 0.00	29.92 0.48 0.00	38.41 0.96 0.00	42.51 1.64 0.00	44.02 2.26 0.00	47.98 3.32 0.00	79.94 5.97 0.00	196.21 12.98 0.00	210.97 12.63 0.00	292.90 16.92 0.00	301.90 14.04 0.00	861.57 41.86 0.00	188.47 9.36 0.00	102.55 5.33 0.00	217.69 10.29 0.00	93.90 5.65 0.00	46.85 2.58 0.00	41.13 2.04 0.00
S SALMON___HYD 24043	35.88 0.35 0.00	33.41 0.09 0.00	27.35 -0.04 0.00	26.67 0.06 0.00	28.58 0.13 0.00	32.33 0.27 0.00	31.42 0.33 0.00	29.73 0.29 0.00	37.85 0.40 0.00	41.41 0.54 0.00	42.33 0.57 0.00	45.27 0.61 0.00	-58.75 0.85 133.59	184.55 1.32 0.00	200.66 2.32 0.00	278.65 2.67 0.00	290.35 2.49 0.00	823.67 3.96 0.00	180.50 1.38 0.00	98.61 1.39 0.00	211.12 3.72 0.00	89.98 1.74 0.00	45.01 0.74 0.00	39.45 0.36 0.00
S.PERRY___115KV_TB1 80734	37.11 1.58 0.00	34.65 1.34 0.00	28.14 0.76 0.00	27.44 0.82 0.00	29.33 0.88 0.00	33.18 1.12 0.00	31.88 0.78 0.00	29.93 0.50 0.00	38.18 0.73 0.00	41.83 0.95 0.00	43.27 1.51 0.00	46.80 2.15 0.00	77.31 3.33 0.00	185.53 2.30 0.00	199.52 1.18 0.00	275.32 -0.66 0.00	283.95 -3.91 0.00	810.43 -9.29 0.00	180.09 0.97 0.00	99.39 2.18 0.00	211.88 4.48 0.00	94.55 6.30 0.00	47.22 2.95 0.00	41.38 2.29 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.70 0.18 0.00	33.38 0.07 0.00	26.98 -0.41 0.00	26.35 -0.27 0.00	28.20 -0.25 0.00	32.06 0.00 0.00	31.07 -0.03 0.00	29.10 -0.33 0.00	37.53 0.08 0.00	41.73 0.86 0.00	43.35 1.59 0.00	47.45 2.79 0.00	79.20 5.22 0.00	193.16 9.93 0.00	206.80 8.46 0.00	286.26 10.28 0.00	293.05 5.19 0.00	836.49 16.78 0.00	182.58 3.46 0.00	99.48 2.26 0.00	211.48 4.08 0.00	92.13 3.87 0.00	46.07 1.80 0.00	40.62 1.53 0.00
SAWYER___23_KV_LOAD 55526	35.70 0.18 0.00	33.38 0.07 0.00	26.98 -0.41 0.00	26.35 -0.27 0.00	28.20 -0.25 0.00	32.06 0.00 0.00	31.07 -0.03 0.00	29.10 -0.33 0.00	37.53 0.08 0.00	41.73 0.86 0.00	43.35 1.59 0.00	47.45 2.79 0.00	79.20 5.22 0.00	193.16 9.93 0.00	206.80 8.46 0.00	286.26 10.28 0.00	293.05 5.19 0.00	836.49 16.78 0.00	182.58 3.46 0.00	99.48 2.26 0.00	211.48 4.08 0.00	92.13 3.87 0.00	46.07 1.80 0.00	40.62 1.53 0.00
SELKIRK___I 23801	36.25 0.74 0.02	34.12 0.80 0.00	28.20 0.81 0.00	27.37 0.76 0.00	29.25 0.81 0.00	32.83 0.77 0.00	31.68 0.63 0.04	31.27 0.61 -1.23	38.21 0.60 -0.16	41.39 0.52 0.00	42.10 0.44 0.10	44.58 0.01 0.09	72.31 -0.88 0.79	175.62 -3.13 4.48	195.06 -2.14 1.14	273.78 -2.20 0.00	288.33 0.47 0.00	822.39 2.68 0.00	180.76 1.65 0.00	97.86 0.64 0.00	209.12 1.72 0.00	88.83 0.61 0.04	45.07 0.79 0.00	39.54 0.46 0.00
SELKIRK___II 23799	36.03 0.52 0.02	33.90 0.58 0.00	28.00 0.61 0.00	27.18 0.56 0.00	29.04 0.59 0.00	32.60 0.54 0.00	31.45 0.40 0.05	31.15 0.42 -1.30	37.97 0.34 -0.17	41.10 0.22 0.00	41.83 0.18 0.11	44.71 0.15 0.11	72.76 -0.31 0.91	176.43 -1.63 5.17	196.51 -0.52 1.31	276.01 0.03 0.00	290.51 2.65 0.00	828.12 8.40 0.00	181.86 2.74 0.00	98.41 1.20 0.00	210.16 2.76 0.00	89.28 1.07 0.04	45.43 1.16 0.00	39.87 0.79 0.00
SENECA OSWGO___HYD 24041	35.60 0.07 0.00	33.32 0.00 0.00	27.34 -0.05 0.00	26.58 -0.03 0.00	28.42 -0.04 0.00	32.09 0.03 0.00	31.17 0.07 0.00	29.47 0.04 0.00	37.56 0.11 0.00	41.16 0.29 0.00	42.24 0.48 0.00	45.41 0.75 0.00	32.87 1.27 42.38	185.57 2.34 0.00	200.94 2.60 0.00	279.69 3.71 0.00	291.02 3.16 0.00	826.41 6.69 0.00	180.81 1.70 0.00	98.37 1.16 0.00	210.04 2.64 0.00	89.42 1.17 0.00	44.69 0.42 0.00	39.30 0.21 0.00
SENECA___115KV_TB3 355854	36.07 0.55 0.00	33.71 0.40 0.00	27.25 -0.14 0.00	26.61 -0.01 0.00	28.47 0.02 0.00	32.39 0.33 0.00	31.43 0.34 0.00	29.49 0.05 0.00	38.04 0.60 0.00	42.32 1.45 0.00	43.96 2.21 0.00	48.14 3.48 0.00	80.40 6.42 0.00	196.14 12.91 0.00	210.42 12.08 0.00	291.42 15.44 0.00	298.72 10.41 -0.44	850.86 31.14 0.00	185.55 6.43 0.00	101.04 3.82 0.00	215.15 7.75 0.00	93.44 5.19 0.00	46.66 2.39 0.00	41.07 1.99 0.00
SENECA___ENERGY 23797	35.90 0.38 0.00	33.57 0.26 0.00	27.45 0.06 0.00	26.72 0.10 0.00	28.56 0.11 0.00	32.37 0.31 0.00	31.50 0.40 0.00	29.84 0.40 0.00	37.95 0.50 0.00	41.77 0.89 0.00	43.07 1.31 0.00	46.54 1.88 0.00	53.49 3.42 23.90	190.49 7.26 0.00	205.98 7.64 0.00	286.83 10.85 0.00	297.29 9.43 0.00	846.38 26.67 0.00	185.85 6.73 0.00	101.21 4.00 0.00	215.53 8.13 0.00	91.93 3.68 0.00	45.89 1.62 0.00	40.20 1.12 0.00
SHOEMAKER___GT 23640	36.70 1.16 -0.02	34.39 1.07 0.00	28.32 0.93 0.00	27.46 0.85 0.00	29.32 0.87 0.00	33.03 0.97 0.00	32.10 0.95 -0.05	25.82 0.95 4.56	37.94 1.10 0.61	42.19 1.31 0.00	43.36 1.50 -0.11	46.66 1.90 -0.10	77.92 3.09 -0.85	194.97 6.89 -4.85	208.50 8.92 -1.23	289.51 13.53 0.00	303.81 15.95 0.00	864.13 44.42 0.00	189.23 10.11 0.00	102.28 5.07 0.00	217.54 10.14 0.00	92.42 4.13 -0.04	46.54 2.27 0.00	40.51 1.42 0.00
SHOEMAKR_138KV_BK 111 55601	36.67 1.13 -0.02	34.36 1.04 0.00	28.29 0.90 0.00	27.44 0.82 0.00	29.29 0.84 0.00	33.00 0.94 0.00	32.06 0.92 -0.04	26.03 0.92 4.33	37.95 1.07 0.57	42.17 1.30 0.00	43.37 1.50 -0.10	46.66 1.91 -0.10	77.91 3.09 -0.84	194.91 6.90 -4.78	208.53 8.97 -1.22	289.62 13.64 0.00	303.87 16.01 0.00	864.02 44.31 0.00	189.11 9.99 0.00	102.22 5.01 0.00	217.42 10.02 0.00	92.33 4.04 -0.04	46.50 2.23 0.00	40.46 1.37 0.00
SHOREHAM_IC_1 23715	39.21 3.51 -0.17	36.50 3.19 0.00	29.83 2.44 0.00	28.74 2.12 0.00	30.78 2.32 0.00	34.94 2.88 0.00	34.06 2.90 -0.06	37.62 2.49 -5.70	41.05 2.84 -0.76	43.51 2.51 -0.13	46.07 4.05 -0.26	61.31 4.54 -12.12	115.29 6.99 -34.32	278.00 12.67 -82.10	291.88 14.54 -78.99	363.95 22.58 -65.39	413.26 26.72 -98.69	1064.67 71.34 -173.62	413.28 15.40 -218.76	316.83 9.99 -209.63	248.19 21.62 -19.17	245.69 9.84 -147.60	51.34 5.10 -1.97	43.48 3.68 -0.72

SHOREHAM_IC_2 23716	39.21 3.51 -0.17	36.50 3.19 0.00	29.83 2.44 0.00	28.74 2.12 0.00	30.78 2.32 0.00	34.94 2.88 0.00	34.06 2.90 -0.06	37.62 2.49 -5.70	41.05 2.84 -0.76	43.51 2.51 -0.13	46.07 4.05 -0.26	61.31 4.54 -12.12	115.29 6.99 -34.32	278.00 12.67 -82.10	291.88 14.54 -78.99	363.95 22.58 -65.39	413.26 26.72 -98.69	1064.67 71.34 -173.62	413.28 15.40 -218.76	316.83 9.99 -209.63	248.19 21.62 -19.17	245.69 9.84 -147.60	51.34 5.10 -1.97	43.48 3.68 -0.72
SISSONVILLE____ 23735	34.88 -0.64 0.00	32.48 -0.83 0.00	26.46 -0.93 0.00	25.71 -0.91 0.00	27.45 -1.00 0.00	30.96 -1.10 0.00	30.26 -0.83 0.00	28.55 -0.88 0.00	36.34 -1.11 0.00	39.24 -1.63 0.00	39.72 -2.04 0.00	41.44 -3.22 0.00	-1171.89 -5.72 1240.16	172.84 -10.39 0.00	187.92 -10.42 0.00	259.77 -16.21 0.00	270.33 -17.52 0.00	770.19 -49.52 0.00	168.29 -10.83 0.00	91.57 -5.64 0.00	194.27 -13.13 0.00	82.74 -5.51 0.00	41.34 -2.93 0.00	37.07 -2.01 0.00
SITHE_IND_GS1 24169	34.99 -0.54 0.00	32.77 -0.55 0.00	26.90 -0.49 0.00	26.14 -0.48 0.00	27.95 -0.50 0.00	31.55 -0.51 0.00	30.62 -0.48 0.00	28.97 -0.47 0.00	36.89 -0.55 0.00	40.40 -0.47 0.00	41.42 -0.34 0.00	44.49 -0.16 0.00	73.72 -0.26 0.00	181.95 -1.28 0.00	196.89 -1.46 0.00	273.97 -2.01 0.00	285.12 -2.74 0.00	810.45 -9.27 0.00	177.27 -1.85 0.00	96.35 -0.87 0.00	205.73 -1.67 0.00	87.64 -0.61 0.00	43.86 -0.41 0.00	38.64 -0.45 0.00
SITHE_IND_GS2 24170	34.99 -0.54 0.00	32.77 -0.55 0.00	26.90 -0.49 0.00	26.14 -0.48 0.00	27.95 -0.50 0.00	31.55 -0.51 0.00	30.62 -0.48 0.00	28.97 -0.47 0.00	36.89 -0.55 0.00	40.40 -0.47 0.00	41.42 -0.34 0.00	44.49 -0.16 0.00	73.72 -0.26 0.00	181.95 -1.28 0.00	196.89 -1.46 0.00	273.97 -2.01 0.00	285.12 -2.74 0.00	810.45 -9.27 0.00	177.27 -1.85 0.00	96.35 -0.87 0.00	205.73 -1.67 0.00	87.64 -0.61 0.00	43.86 -0.41 0.00	38.64 -0.45 0.00
SITHE_IND_GS3 24171	34.99 -0.54 0.00	32.77 -0.55 0.00	26.90 -0.49 0.00	26.14 -0.48 0.00	27.95 -0.50 0.00	31.55 -0.51 0.00	30.62 -0.48 0.00	28.97 -0.47 0.00	36.89 -0.55 0.00	40.40 -0.47 0.00	41.42 -0.34 0.00	44.49 -0.16 0.00	73.72 -0.26 0.00	181.95 -1.28 0.00	196.89 -1.46 0.00	273.97 -2.01 0.00	285.12 -2.74 0.00	810.45 -9.27 0.00	177.27 -1.85 0.00	96.35 -0.87 0.00	205.73 -1.67 0.00	87.64 -0.61 0.00	43.86 -0.41 0.00	38.64 -0.45 0.00
SITHE_IND_GS4 24172	34.99 -0.54 0.00	32.77 -0.55 0.00	26.90 -0.49 0.00	26.14 -0.48 0.00	27.95 -0.50 0.00	31.55 -0.51 0.00	30.62 -0.48 0.00	28.97 -0.47 0.00	36.89 -0.55 0.00	40.40 -0.47 0.00	41.42 -0.34 0.00	44.49 -0.16 0.00	73.72 -0.26 0.00	181.95 -1.28 0.00	196.89 -1.46 0.00	273.97 -2.01 0.00	285.12 -2.74 0.00	810.45 -9.27 0.00	177.27 -1.85 0.00	96.35 -0.87 0.00	205.73 -1.67 0.00	87.64 -0.61 0.00	43.86 -0.41 0.00	38.64 -0.45 0.00
SITHE____BATAVIA 24024	36.63 1.10 0.00	34.19 0.88 0.00	27.66 0.27 0.00	26.97 0.36 0.00	28.87 0.42 0.00	32.85 0.78 0.00	31.90 0.80 0.00	29.95 0.52 0.00	38.57 1.12 0.00	42.74 1.86 0.00	44.34 2.58 0.00	48.40 3.74 0.00	79.61 5.64 0.00	195.51 12.28 0.00	209.36 11.02 0.00	289.38 13.39 0.00	297.53 9.26 -0.41	850.28 30.57 0.00	186.79 7.67 0.00	101.88 4.66 0.00	216.30 8.90 0.00	94.00 5.75 0.00	47.54 3.27 0.00	41.79 2.70 0.00
SITHE____INDEPEND 23800	34.99 -0.54 0.00	32.77 -0.55 0.00	26.90 -0.49 0.00	26.14 -0.48 0.00	27.95 -0.50 0.00	31.55 -0.51 0.00	30.62 -0.48 0.00	28.97 -0.47 0.00	36.89 -0.55 0.00	40.40 -0.47 0.00	41.42 -0.34 0.00	44.49 -0.17 0.00	73.72 -0.26 0.00	181.94 -1.29 0.00	196.88 -1.46 0.00	273.96 -2.02 0.00	285.15 -2.71 0.00	810.45 -9.27 0.00	177.26 -1.86 0.00	96.35 -0.86 0.00	205.73 -1.67 0.00	87.64 -0.61 0.00	43.85 -0.42 0.00	38.63 -0.46 0.00
SITHE____MASSENA 23902	35.17 -0.35 0.00	32.95 -0.36 0.00	27.00 -0.40 0.00	26.23 -0.38 0.00	28.05 -0.40 0.00	31.65 -0.42 0.00	30.78 -0.32 0.00	29.12 -0.32 0.00	37.04 -0.41 0.00	40.14 -0.74 0.00	40.70 -1.07 0.00	42.69 -1.97 0.00	-1740.58 -3.47 1811.09	177.84 -5.39 0.00	192.13 -6.21 0.00	266.42 -9.56 0.00	276.91 -10.95 0.00	789.73 -29.99 0.00	172.09 -7.03 0.00	93.45 -3.76 0.00	198.40 -9.00 0.00	84.60 -3.65 0.00	42.35 -1.92 0.00	38.02 -1.07 0.00
SITHE____OGDNSBRG 24021	35.56 0.03 0.00	33.21 -0.10 0.00	27.14 -0.25 0.00	26.38 -0.23 0.00	28.19 -0.26 0.00	31.86 -0.21 0.00	31.09 -0.01 0.00	29.37 -0.06 0.00	37.28 -0.17 0.00	40.19 -0.68 0.00	40.67 -1.09 0.00	42.56 -2.10 0.00	-1391.64 -3.72 1461.90	177.74 -5.49 0.00	192.43 -5.91 0.00	266.43 -9.55 0.00	276.72 -11.14 0.00	790.24 -29.48 0.00	173.25 -5.87 0.00	94.50 -2.71 0.00	200.58 -6.83 0.00	85.43 -2.82 0.00	42.63 -1.64 0.00	38.26 -0.82 0.00
SITHE____STERLING 23777	36.66 1.14 0.00	34.26 0.94 0.00	28.11 0.72 0.00	27.33 0.72 0.00	29.24 0.79 0.00	33.06 1.00 0.00	32.14 1.05 0.00	30.42 0.98 0.00	38.75 1.30 0.00	42.42 1.55 0.00	43.38 1.62 0.00	46.46 1.81 0.00	0.79 2.61 75.80	189.23 6.00 0.00	205.70 7.36 0.00	286.39 10.41 0.00	299.09 11.23 0.00	852.08 32.36 0.00	187.01 7.89 0.00	101.80 4.59 0.00	216.91 9.51 0.00	92.16 3.91 0.00	46.33 2.06 0.00	40.65 1.56 0.00
SLEIGHT__34_KV_TB1 80719	36.70 1.18 0.00	34.33 1.02 0.00	28.02 0.63 0.00	27.25 0.63 0.00	29.18 0.73 0.00	33.09 1.03 0.00	32.16 1.07 0.00	30.51 1.07 0.00	38.88 1.43 0.00	42.90 2.03 0.00	44.19 2.42 0.00	47.81 3.16 0.00	56.41 5.54 23.10	195.86 12.63 0.00	211.34 13.00 0.00	294.07 18.09 0.00	305.76 17.90 0.00	871.24 51.53 0.00	191.02 11.90 0.00	103.79 6.58 0.00	221.26 13.86 0.00	94.16 5.91 0.00	46.89 2.62 0.00	40.97 1.89 0.00
SOUTH CAIRO____GT 23612	37.46 1.94 0.01	35.17 1.86 0.00	29.03 1.64 0.00	28.17 1.55 0.00	30.12 1.66 0.00	33.84 1.77 0.00	32.72 1.65 0.03	32.10 1.66 -1.00	39.36 1.78 -0.13	42.29 1.41 0.00	42.92 1.23 0.07	45.76 1.17 0.07	75.03 1.62 0.56	184.23 4.21 3.21	203.52 6.00 0.82	284.42 8.44 0.00	301.27 13.41 0.00	864.05 44.33 0.00	191.46 12.34 0.00	104.22 7.01 0.00	222.71 15.31 0.00	94.32 6.10 0.03	47.65 3.38 0.00	41.72 2.64 0.00
SOUTH HAMPTN____IC 23720	39.87 4.17 -0.17	37.11 3.80 0.00	30.30 2.91 0.00	29.19 2.58 0.00	31.28 2.83 0.00	35.50 3.44 0.00	34.62 3.47 -0.06	38.18 3.05 -5.70	41.89 3.69 -0.76	45.09 4.09 -0.13	47.14 5.13 -0.26	61.99 5.73 -11.60	116.16 9.28 -32.90	281.59 19.87 -78.49	296.98 23.43 -75.21	376.50 35.13 -65.39	426.24 39.70 -98.68	1101.86 108.53 -173.62	421.08 23.21 -218.76	319.37 12.52 -209.63	252.79 26.72 -18.67	247.80 11.95 -147.60	52.28 6.05 -1.96	44.28 4.50 -0.70
SOUTHDOW_115KV_TB1 355954	36.79 1.27 0.00	34.35 1.03 0.00	27.79 0.40 0.00	27.12 0.51 0.00	29.04 0.59 0.00	33.18 1.11 0.00	32.37 1.27 0.00	30.55 1.11 0.00	39.44 1.99 0.00	44.00 3.13 0.00	45.62 3.86 0.00	49.90 5.24 0.00	83.61 9.63 0.00	203.58 20.35 0.00	216.36 18.02 0.00	299.75 23.77 0.00	306.29 18.15 -0.27	871.05 51.34 0.00	190.16 11.04 0.00	103.49 6.28 0.00	220.62 13.22 0.00	96.39 8.15 0.00	48.04 3.76 0.00	42.07 2.98 0.00

SOUTHOLD_69_KV_BK 2 55809	40.75 5.05 -0.17	37.91 4.59 0.00	30.92 3.53 0.00	29.79 3.17 0.00	31.92 3.47 0.00	36.24 4.18 0.00	35.35 4.20 -0.06	38.90 3.77 -5.70	42.92 4.72 -0.76	46.25 5.25 -0.13	48.40 6.39 -0.26	63.36 7.10 -11.61	118.57 11.68 -32.92	283.98 22.21 -78.54	299.32 25.70 -75.28	379.90 38.53 -65.39	429.98 43.44 -98.68	1113.01 119.68 -173.62	423.18 25.30 -218.76	320.28 13.44 -209.63	258.10 32.03 -18.67	250.59 14.74 -147.60	53.57 7.34 -1.96	45.37 5.60 -0.70
SOUTHOLD____IC 23719	40.75 5.05 -0.17	37.91 4.59 0.00	30.92 3.53 0.00	29.79 3.17 0.00	31.91 3.46 0.00	36.24 4.18 0.00	35.36 4.20 -0.06	38.90 3.77 -5.70	42.92 4.71 -0.76	46.26 5.25 -0.13	48.40 6.39 -0.26	63.36 7.09 -11.61	118.58 11.68 -32.92	283.99 22.22 -78.54	299.32 25.70 -75.28	379.91 38.55 -65.39	429.91 43.37 -98.68	1113.02 119.69 -173.62	423.18 25.30 -218.76	320.29 13.45 -209.63	258.10 32.02 -18.68	250.61 14.76 -147.60	53.58 7.34 -1.96	45.35 5.57 -0.70
SPIERFLS_115KV_TB 1 80737	37.49 1.99 0.02	35.14 1.82 0.00	28.96 1.57 0.00	28.10 1.48 0.00	30.09 1.64 0.00	33.79 1.73 0.00	32.65 1.62 0.07	32.32 1.61 -1.28	39.65 2.03 -0.17	43.05 2.18 0.00	43.95 2.35 0.16	47.27 2.76 0.15	77.10 4.39 1.26	186.57 10.55 7.21	208.52 12.01 1.83	293.92 17.94 0.00	306.85 18.99 0.00	876.08 56.37 0.00	193.60 14.48 0.00	104.17 6.96 0.00	222.45 15.05 0.00	94.21 6.02 0.06	47.62 3.34 0.00	41.70 2.62 0.00
ST LAWRENCE____ 23600	34.83 -0.70 0.00	32.68 -0.64 0.00	26.79 -0.60 0.00	26.04 -0.57 0.00	27.86 -0.59 0.00	31.41 -0.66 0.00	30.52 -0.58 0.00	28.89 -0.55 0.00	36.76 -0.68 0.00	39.87 -1.01 0.00	40.43 -1.33 0.00	42.71 -1.95 0.00	239.59 -3.17 -168.77	177.22 -6.01 0.00	191.29 -7.05 0.00	265.40 -10.58 0.00	275.81 -12.04 0.00	786.62 -33.09 0.00	171.37 -7.75 0.00	93.01 -4.20 0.00	198.48 -8.92 0.00	84.47 -3.78 0.00	42.21 -2.06 0.00	37.75 -1.33 0.00
STATE_CA_115KV_115_LB 55624	36.13 0.62 0.02	33.97 0.66 0.00	28.07 0.68 0.00	27.22 0.61 0.00	29.09 0.64 0.00	32.66 0.60 0.00	31.48 0.45 0.06	31.26 0.50 -1.33	38.16 0.53 -0.18	41.43 0.55 0.00	42.24 0.63 0.15	45.31 0.79 0.14	73.59 0.82 1.21	177.60 1.26 6.88	199.34 2.74 1.75	280.54 4.56 0.00	295.52 7.66 0.00	842.76 23.04 0.00	185.19 6.07 0.00	100.08 2.87 0.00	213.67 6.27 0.00	90.45 2.25 0.06	45.81 1.54 0.00	40.12 1.04 0.00
STATE_ST_34_KV_LOAD 55959	36.53 1.01 0.00	34.23 0.91 0.00	27.97 0.58 0.00	27.25 0.64 0.00	29.17 0.72 0.00	33.04 0.98 0.00	31.99 0.89 0.00	30.37 0.93 0.00	38.58 1.13 0.00	42.48 1.61 0.00	43.59 1.83 0.00	47.01 2.35 0.00	52.84 4.01 25.15	192.24 9.01 0.00	207.42 9.08 0.00	288.90 12.92 0.00	300.63 12.77 0.00	855.82 36.11 0.00	187.79 8.67 0.00	102.29 5.08 0.00	218.84 11.44 0.00	92.96 4.71 0.00	46.37 2.10 0.00	40.56 1.48 0.00
STATION 5_MISC_HYD 23604	36.21 0.69 0.00	33.84 0.53 0.00	27.51 0.11 0.00	26.79 0.18 0.00	28.66 0.21 0.00	32.52 0.46 0.00	31.56 0.47 0.00	29.74 0.31 0.00	38.16 0.71 0.00	42.21 1.34 0.00	43.69 1.93 0.00	47.60 2.94 0.00	79.29 5.31 0.00	194.50 11.27 0.00	209.13 10.79 0.00	290.29 14.31 0.00	299.30 11.44 0.00	853.69 33.98 0.00	186.73 7.61 0.00	101.61 4.40 0.00	215.85 8.45 0.00	93.11 4.86 0.00	46.49 2.22 0.00	40.85 1.76 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.24 0.71 0.00	33.88 0.57 0.00	27.60 0.21 0.00	26.87 0.26 0.00	28.75 0.30 0.00	32.60 0.54 0.00	31.72 0.62 0.00	29.97 0.53 0.00	38.35 0.90 0.00	42.35 1.47 0.00	43.75 1.99 0.00	47.49 2.84 0.00	79.07 5.09 0.00	194.27 11.04 0.00	209.60 11.26 0.00	291.46 15.47 0.00	301.63 13.77 0.00	859.86 40.14 0.00	188.30 9.18 0.00	102.41 5.19 0.00	217.63 10.23 0.00	93.30 5.05 0.00	46.50 2.23 0.00	40.78 1.70 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.00 0.47 0.00	33.64 0.33 0.00	27.36 -0.03 0.00	26.64 0.03 0.00	28.49 0.04 0.00	32.33 0.26 0.00	31.39 0.29 0.00	29.59 0.15 0.00	37.95 0.50 0.00	41.98 1.11 0.00	43.44 1.68 0.00	47.31 2.65 0.00	78.82 4.84 0.00	193.55 10.32 0.00	208.28 9.94 0.00	289.14 13.16 0.00	298.41 10.55 0.00	850.95 31.24 0.00	186.11 6.99 0.00	101.20 3.98 0.00	214.86 7.46 0.00	92.52 4.27 0.00	46.17 1.90 0.00	40.54 1.46 0.00
STA_56____34_KV_BUS2 355983	36.00 0.47 0.00	33.64 0.33 0.00	27.36 -0.03 0.00	26.64 0.03 0.00	28.49 0.04 0.00	32.33 0.26 0.00	31.39 0.29 0.00	29.59 0.15 0.00	37.95 0.50 0.00	41.98 1.11 0.00	43.44 1.68 0.00	47.31 2.65 0.00	78.82 4.84 0.00	193.55 10.32 0.00	208.28 9.94 0.00	289.14 13.16 0.00	298.41 10.55 0.00	850.95 31.24 0.00	186.11 6.99 0.00	101.20 3.98 0.00	214.86 7.46 0.00	92.52 4.27 0.00	46.17 1.90 0.00	40.54 1.46 0.00
STA_67____115KV_BK2 355882	36.11 0.58 0.00	33.76 0.44 0.00	27.44 0.05 0.00	26.72 0.11 0.00	28.58 0.13 0.00	32.43 0.36 0.00	31.47 0.38 0.00	29.65 0.22 0.00	38.05 0.60 0.00	42.07 1.20 0.00	43.55 1.79 0.00	47.43 2.77 0.00	78.99 5.02 0.00	193.83 10.60 0.00	208.35 10.01 0.00	289.19 13.21 0.00	298.15 10.30 0.00	850.35 30.64 0.00	186.02 6.90 0.00	101.23 4.01 0.00	215.01 7.61 0.00	92.77 4.52 0.00	46.33 2.06 0.00	40.71 1.62 0.00
STA_7____115KV_9TRANS 80674	36.46 0.93 0.00	34.06 0.74 0.00	27.67 0.28 0.00	26.94 0.33 0.00	28.82 0.37 0.00	32.71 0.64 0.00	31.75 0.65 0.00	29.92 0.48 0.00	38.41 0.96 0.00	42.51 1.64 0.00	44.02 2.26 0.00	47.98 3.32 0.00	79.94 5.97 0.00	196.21 12.98 0.00	210.97 12.63 0.00	292.90 16.92 0.00	301.90 14.04 0.00	861.57 41.86 0.00	188.47 9.36 0.00	102.55 5.33 0.00	217.69 10.29 0.00	93.90 5.65 0.00	46.85 2.58 0.00	41.13 2.04 0.00
STA_82____115KV_TB1 80780	36.14 0.61 0.00	33.78 0.46 0.00	27.45 0.06 0.00	26.74 0.13 0.00	28.61 0.16 0.00	32.45 0.39 0.00	31.50 0.40 0.00	29.67 0.24 0.00	38.07 0.62 0.00	42.11 1.24 0.00	43.58 1.82 0.00	47.47 2.81 0.00	79.07 5.09 0.00	194.01 10.78 0.00	208.51 10.17 0.00	289.42 13.43 0.00	298.41 10.55 0.00	850.99 31.28 0.00	186.17 7.05 0.00	101.33 4.11 0.00	215.20 7.80 0.00	92.87 4.62 0.00	46.38 2.11 0.00	40.74 1.66 0.00
STEEL____WIND 323596	36.03 0.51 0.00	33.67 0.35 0.00	27.22 -0.17 0.00	26.58 -0.03 0.00	28.45 0.00 0.00	32.37 0.31 0.00	31.40 0.30 0.00	29.47 0.03 0.00	38.01 0.56 0.00	42.27 1.39 0.00	43.92 2.16 0.00	48.06 3.40 0.00	80.22 6.24 0.00	195.73 12.50 0.00	210.08 11.74 0.00	290.88 14.90 0.00	298.35 10.04 -0.44	849.43 29.72 0.00	185.21 6.09 0.00	100.94 3.73 0.00	215.03 7.63 0.00	93.31 5.06 0.00	46.59 2.32 0.00	41.05 1.97 0.00
STEPHTWN_115KV_BK_2 55603	36.18 0.67 0.02	34.04 0.72 0.00	28.08 0.69 0.00	27.23 0.62 0.00	29.14 0.69 0.00	32.73 0.67 0.00	31.60 0.57 0.06	31.45 0.67 -1.34	38.34 0.71 -0.18	41.59 0.72 0.00	42.34 0.73 0.15	45.40 0.88 0.14	73.71 0.91 1.18	177.57 1.06 6.71	199.20 2.56 1.71	280.41 4.43 0.00	295.71 7.85 0.00	843.64 23.92 0.00	185.41 6.29 0.00	100.21 2.99 0.00	213.99 6.59 0.00	90.49 2.29 0.05	45.87 1.59 0.00	40.19 1.10 0.00

STEUBEN_REC_LFGE 323667	35.90 0.37 0.00	33.56 0.25 0.00	27.31 -0.08 0.00	26.60 -0.01 0.00	28.45 0.00 0.00	32.40 0.33 0.00	31.56 0.46 0.00	29.79 0.35 0.00	38.32 0.87 0.00	42.59 1.72 0.00	44.14 2.38 0.00	48.04 3.38 0.00	80.40 6.43 0.00	196.48 13.25 0.00	211.83 13.50 0.00	293.76 17.77 0.00	302.27 14.41 0.00	863.58 43.87 0.00	189.12 10.01 0.00	103.34 6.13 0.00	219.75 12.35 0.00	94.89 6.64 0.00	47.27 3.00 0.00	41.42 2.34 0.00
STONY__BROOK 24151	38.93 3.23 -0.17	36.25 2.93 0.00	29.63 2.24 0.00	28.57 1.96 0.00	30.60 2.14 0.00	34.73 2.66 0.00	33.85 2.70 -0.06	37.45 2.32 -5.70	40.88 2.67 -0.76	44.06 3.05 -0.13	45.91 3.85 -0.30	64.27 4.17 -15.44	123.91 6.41 -43.53	301.36 14.11 -104.02	316.28 17.66 -100.28	368.06 26.68 -65.39	417.42 30.88 -98.69	1078.37 85.04 -173.62	416.35 18.47 -218.76	316.67 9.82 -209.63	249.21 19.78 -22.03	244.39 8.54 -147.60	50.75 4.49 -1.99	43.31 3.36 -0.86
STURGEON_POOL_HYD 23609	36.75 1.22 -0.01	34.42 1.10 0.00	28.37 0.97 0.00	27.50 0.89 0.00	29.35 0.90 0.00	33.03 0.96 0.00	32.09 0.97 -0.02	30.51 1.07 0.00	38.76 1.31 0.00	42.54 1.66 0.00	43.83 2.02 -0.05	47.31 2.61 -0.05	78.64 4.26 -0.40	194.99 9.48 -2.28	211.02 12.10 -0.58	294.24 18.26 0.00	309.12 21.26 0.00	877.42 57.70 0.00	191.84 12.73 0.00	103.59 6.38 0.00	219.90 12.50 0.00	93.25 4.98 -0.02	46.94 2.67 0.00	40.69 1.60 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.75 1.21 -0.02	34.40 1.08 0.00	28.33 0.94 0.00	27.47 0.85 0.00	29.32 0.87 0.00	33.03 0.97 0.00	32.11 0.96 -0.05	25.07 0.98 5.35	37.89 1.15 0.71	42.30 1.43 0.00	43.57 1.70 -0.11	46.97 2.20 -0.10	78.48 3.61 -0.89	196.43 8.10 -5.10	210.14 10.51 -1.30	291.98 16.00 0.00	306.31 18.45 0.00	870.29 50.57 0.00	190.32 11.20 0.00	102.77 5.56 0.00	218.29 10.89 0.00	92.63 4.34 -0.04	46.66 2.39 0.00	40.50 1.42 0.00
SWANROAD_115KV_TB1 355699	35.07 -0.46 0.00	32.79 -0.53 0.00	26.48 -0.91 0.00	25.87 -0.74 0.00	27.66 -0.79 0.00	31.47 -0.59 0.00	30.42 -0.67 0.00	28.44 -0.99 0.00	36.71 -0.74 0.00	40.79 -0.08 0.00	42.41 0.65 0.00	46.41 1.75 0.00	77.26 3.29 0.00	188.31 5.08 0.00	201.09 2.74 0.00	278.22 2.24 0.00	284.89 -3.29 0.00	813.04 -6.67 0.00	177.86 -1.26 0.00	97.00 -0.21 0.00	205.99 -1.41 0.00	90.05 1.81 0.00	45.19 0.91 0.00	39.98 0.90 0.00
SYNERGY__BIOGAS 323694	36.63 1.10 0.00	34.19 0.88 0.00	27.66 0.27 0.00	26.97 0.36 0.00	28.87 0.42 0.00	32.85 0.78 0.00	31.90 0.80 0.00	29.95 0.52 0.00	38.57 1.12 0.00	42.74 1.86 0.00	44.34 2.58 0.00	48.40 3.74 0.00	79.61 5.64 0.00	195.51 12.28 0.00	209.36 11.02 0.00	289.38 13.39 0.00	297.53 9.26 -0.41	850.28 30.57 0.00	186.79 7.67 0.00	101.88 4.66 0.00	216.30 8.90 0.00	94.00 5.75 0.00	47.54 3.27 0.00	41.79 2.70 0.00
SYRACUSE__ENERGY_ST1 323597	35.91 0.39 0.00	33.64 0.32 0.00	27.58 0.19 0.00	26.80 0.19 0.00	28.65 0.20 0.00	32.36 0.30 0.00	31.41 0.32 0.00	29.73 0.30 0.00	37.86 0.41 0.00	41.48 0.60 0.00	42.48 0.72 0.00	45.59 0.93 0.00	44.38 1.59 31.19	186.33 3.10 0.00	201.65 3.31 0.00	280.82 4.84 0.00	292.69 4.83 0.00	831.97 12.25 0.00	182.20 3.08 0.00	99.06 1.85 0.00	211.55 4.15 0.00	90.11 1.87 0.00	45.14 0.87 0.00	39.72 0.64 0.00
SYRACUSE__ENERGY_ST2 323598	35.91 0.39 0.00	33.64 0.32 0.00	27.58 0.19 0.00	26.80 0.19 0.00	28.65 0.20 0.00	32.36 0.30 0.00	31.41 0.32 0.00	29.73 0.30 0.00	37.86 0.41 0.00	41.48 0.60 0.00	42.48 0.72 0.00	45.59 0.93 0.00	44.38 1.59 31.19	186.33 3.10 0.00	201.65 3.31 0.00	280.82 4.84 0.00	292.69 4.83 0.00	831.97 12.25 0.00	182.20 3.08 0.00	99.06 1.85 0.00	211.55 4.15 0.00	90.11 1.87 0.00	45.14 0.87 0.00	39.72 0.64 0.00
SYRACUSE__POWER 24017	35.92 0.40 0.00	33.61 0.30 0.00	27.57 0.18 0.00	26.80 0.19 0.00	28.64 0.19 0.00	32.36 0.30 0.00	31.41 0.31 0.00	29.71 0.27 0.00	37.87 0.42 0.00	41.51 0.63 0.00	42.58 0.82 0.00	45.79 1.14 0.00	43.73 2.02 32.26	187.39 4.16 0.00	203.09 4.75 0.00	282.80 6.82 0.00	294.42 6.56 0.00	836.95 17.23 0.00	183.27 4.15 0.00	99.62 2.41 0.00	212.48 5.07 0.00	90.45 2.20 0.00	45.23 0.96 0.00	39.75 0.67 0.00
TALLMAN__138KV_BK151 55660	36.91 1.36 -0.02	34.55 1.24 0.00	28.44 1.05 0.00	27.58 0.96 0.00	29.42 0.97 0.00	33.16 1.09 0.00	32.25 1.10 -0.05	23.31 1.13 7.25	37.81 1.33 0.96	42.54 1.67 0.00	43.89 2.01 -0.12	47.35 2.58 -0.11	79.24 4.30 -0.97	198.51 9.77 -5.51	212.08 12.34 -1.40	294.59 18.61 0.00	308.92 21.06 0.00	877.38 57.66 0.00	191.76 12.64 0.00	103.44 6.22 0.00	219.53 12.13 0.00	93.16 4.86 -0.05	46.95 2.68 0.00	40.65 1.57 0.00
TEALLAVE_115KV_TB7 355573	35.75 0.22 0.00	33.46 0.15 0.00	27.45 0.05 0.00	26.67 0.06 0.00	28.52 0.07 0.00	32.21 0.15 0.00	31.25 0.16 0.00	29.54 0.11 0.00	37.68 0.23 0.00	41.32 0.45 0.00	42.42 0.66 0.00	45.65 0.99 0.00	39.09 1.76 36.65	186.83 3.59 0.00	202.35 4.01 0.00	281.72 5.74 0.00	293.00 5.15 0.00	832.65 12.94 0.00	182.21 3.10 0.00	99.04 1.83 0.00	211.16 3.76 0.00	89.93 1.68 0.00	44.98 0.71 0.00	39.52 0.44 0.00
TELGRAPH_34_KV_EAST 80808	35.87 0.34 0.00	33.51 0.20 0.00	27.08 -0.31 0.00	26.43 -0.18 0.00	28.28 -0.17 0.00	32.15 0.09 0.00	31.17 0.07 0.00	29.19 -0.24 0.00	37.63 0.18 0.00	41.78 0.91 0.00	43.42 1.66 0.00	47.51 2.85 0.00	78.95 4.97 0.00	193.12 9.89 0.00	206.49 8.15 0.00	285.73 9.75 0.00	293.29 4.91 -0.52	836.86 17.15 0.00	183.19 4.07 0.00	99.85 2.64 0.00	212.09 4.69 0.00	92.43 4.18 0.00	46.32 2.05 0.00	40.84 1.76 0.00
TEMPLE__115KV_TB 2 55572	35.78 0.25 0.00	33.49 0.17 0.00	27.47 0.07 0.00	26.70 0.08 0.00	28.53 0.09 0.00	32.23 0.17 0.00	31.28 0.18 0.00	29.56 0.13 0.00	37.71 0.26 0.00	41.36 0.49 0.00	42.47 0.71 0.00	45.70 1.04 0.00	40.12 1.87 35.72	187.04 3.81 0.00	202.58 4.24 0.00	282.00 6.01 0.00	293.29 5.43 0.00	833.70 13.99 0.00	182.40 3.28 0.00	99.14 1.93 0.00	211.36 3.97 0.00	90.03 1.78 0.00	45.01 0.74 0.00	39.56 0.48 0.00
TIANA____69_KV_BK 1 55817	39.67 3.98 -0.17	36.93 3.62 0.00	30.15 2.76 0.00	29.04 2.42 0.00	31.11 2.66 0.00	35.31 3.25 0.00	34.43 3.28 -0.06	37.99 2.86 -5.70	41.63 3.43 -0.76	44.79 3.78 -0.13	46.80 4.79 -0.26	61.68 5.42 -11.61	115.59 8.69 -32.91	280.46 18.70 -78.53	295.76 22.15 -75.27	374.66 33.29 -65.39	424.33 37.79 -98.68	1096.69 103.36 -173.62	420.08 22.20 -218.76	318.89 12.05 -209.63	251.51 25.44 -18.67	247.17 11.32 -147.60	52.01 5.77 -1.96	44.06 4.28 -0.70
TILDEN__115KV_TB1 80814	35.92 0.40 0.00	33.61 0.30 0.00	27.57 0.18 0.00	26.80 0.19 0.00	28.64 0.19 0.00	32.36 0.30 0.00	31.41 0.31 0.00	29.71 0.27 0.00	37.87 0.42 0.00	41.51 0.63 0.00	42.58 0.82 0.00	45.79 1.14 0.00	43.73 2.02 32.26	187.39 4.16 0.00	203.09 4.75 0.00	282.80 6.82 0.00	294.42 6.56 0.00	836.95 17.23 0.00	183.27 4.15 0.00	99.62 2.41 0.00	212.48 5.07 0.00	90.45 2.20 0.00	45.23 0.96 0.00	39.75 0.67 0.00

TRIGEN___CC 323695	37.98 2.28 -0.17	35.40 2.09 0.00	29.03 1.64 0.00	28.08 1.47 0.00	30.03 1.57 0.00	33.97 1.91 0.00	33.06 1.91 -0.06	36.79 1.66 -5.70	40.09 1.89 -0.76	43.27 2.27 -0.13	44.71 2.82 -0.13	48.04 3.25 -0.13	80.24 5.18 -1.08	214.74 11.80 -19.71	252.12 15.24 -38.54	364.51 23.14 -65.39	413.43 26.89 -98.68	1067.73 74.40 -173.62	414.27 16.40 -218.76	315.03 8.20 -209.63	237.26 16.12 -13.74	242.59 6.75 -147.60	55.49 3.60 -7.62	41.70 2.43 -0.18
TRINITY___115KV___4 BK 55933	35.94 0.43 0.02	33.81 0.50 0.00	27.94 0.55 0.00	27.10 0.49 0.00	28.97 0.52 0.00	32.50 0.44 0.00	31.32 0.29 0.06	31.12 0.34 -1.34	37.94 0.32 -0.18	41.18 0.30 0.00	41.96 0.34 0.15	44.98 0.46 0.14	73.01 0.21 1.19	176.10 -0.38 6.76	197.63 1.00 1.72	278.01 2.03 0.00	292.94 5.08 0.00	835.31 15.59 0.00	183.61 4.49 0.00	99.26 2.04 0.00	212.01 4.61 0.00	89.72 1.53 0.06	45.51 1.24 0.00	39.87 0.79 0.00
UNION___PROCESSING_DRP 323587	36.15 0.63 0.00	33.80 0.48 0.00	27.47 0.08 0.00	26.75 0.14 0.00	28.62 0.17 0.00	32.46 0.40 0.00	31.51 0.41 0.00	29.68 0.25 0.00	38.09 0.64 0.00	42.14 1.26 0.00	43.60 1.84 0.00	47.49 2.83 0.00	79.10 5.12 0.00	194.11 10.88 0.00	208.68 10.33 0.00	289.59 13.61 0.00	298.47 10.61 0.00	851.66 31.95 0.00	186.28 7.16 0.00	101.39 4.18 0.00	215.30 7.90 0.00	92.93 4.68 0.00	46.41 2.14 0.00	40.77 1.69 0.00
UPPER HUDSON___HYD 24058	37.49 1.99 0.02	35.14 1.82 0.00	28.96 1.57 0.00	28.10 1.48 0.00	30.09 1.64 0.00	33.79 1.73 0.00	32.64 1.62 0.07	32.32 1.61 -1.28	39.65 2.02 -0.17	43.05 2.18 0.00	43.95 2.35 0.16	47.27 2.76 0.15	77.10 4.38 1.26	186.59 10.57 7.21	208.52 12.02 1.83	293.92 17.94 0.00	306.83 18.97 0.00	876.15 56.43 0.00	193.60 14.48 0.00	104.17 6.96 0.00	222.45 15.05 0.00	94.21 6.02 0.06	47.62 3.34 0.00	41.70 2.62 0.00
UPPER RAQUET___HYD 24056	34.88 -0.64 0.00	32.48 -0.83 0.00	26.46 -0.93 0.00	25.71 -0.91 0.00	27.45 -1.00 0.00	30.96 -1.10 0.00	30.26 -0.83 0.00	28.55 -0.88 0.00	36.34 -1.11 0.00	39.24 -1.63 0.00	39.72 -2.04 0.00	41.44 -3.22 0.00	-1171.89 -5.71 1240.16	172.84 -10.39 0.00	187.90 -10.44 0.00	259.76 -16.23 0.00	270.33 -17.53 0.00	770.18 -49.54 0.00	168.29 -10.83 0.00	91.57 -5.64 0.00	194.31 -13.10 0.00	82.73 -5.51 0.00	41.34 -2.93 0.00	37.07 -2.02 0.00
VALLEY44_115KV_TB2 355964	35.94 0.42 0.00	33.52 0.20 0.00	27.16 -0.23 0.00	26.54 -0.08 0.00	28.41 -0.04 0.00	32.42 0.36 0.00	31.56 0.46 0.00	29.72 0.28 0.00	38.19 0.74 0.00	42.43 1.55 0.00	43.64 1.88 0.00	47.57 2.92 0.00	79.23 5.26 0.00	193.10 9.87 0.00	207.83 9.48 0.00	288.39 12.41 0.00	293.92 5.78 -0.28	836.29 16.58 0.00	182.48 3.36 0.00	99.57 2.36 0.00	212.31 4.91 0.00	91.66 3.41 0.00	45.92 1.64 0.00	40.31 1.22 0.00
VALLEY___115KV_TB 1-4 80826	35.50 -0.03 0.00	33.36 0.04 0.00	27.56 0.17 0.00	26.75 0.13 0.00	28.59 0.14 0.00	32.17 0.11 0.00	31.17 0.07 0.00	29.57 0.13 0.00	37.49 0.05 0.00	40.87 0.00 0.00	41.86 0.10 0.00	44.95 0.29 0.00	37.76 0.24 36.46	183.27 0.04 0.00	198.97 0.62 0.00	277.20 1.22 0.00	291.36 3.50 0.00	832.50 12.79 0.00	183.39 4.27 0.00	99.49 2.27 0.00	211.82 4.42 0.00	89.71 1.46 0.00	45.12 0.85 0.00	39.61 0.52 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.77 1.24 0.00	34.49 1.18 0.00	28.40 1.01 0.00	27.58 0.97 0.00	29.47 1.02 0.00	33.17 1.11 0.00	32.23 1.14 0.00	30.53 1.10 0.00	38.84 1.39 0.00	42.56 1.69 0.00	43.65 1.89 0.00	46.90 2.24 0.00	77.57 3.59 0.00	191.17 7.94 0.00	207.59 9.25 0.00	289.38 13.40 0.00	302.27 14.42 0.00	861.03 41.32 0.00	188.57 9.45 0.00	102.21 5.00 0.00	217.97 10.57 0.00	92.78 4.54 0.00	46.63 2.35 0.00	40.81 1.73 0.00
VISCHER___FERRY HYD 24020	36.59 1.09 0.03	34.42 1.10 0.00	28.41 1.02 0.00	27.56 0.95 0.00	29.48 1.03 0.00	33.07 1.00 0.00	31.83 0.82 0.09	31.64 0.84 -1.36	38.63 1.00 -0.18	41.94 1.07 0.00	42.69 1.14 0.21	45.83 1.37 0.19	74.04 1.72 1.65	177.09 3.29 9.43	200.88 4.93 2.40	283.27 7.29 0.00	298.67 10.82 0.00	852.59 32.88 0.00	187.57 8.45 0.00	101.40 4.19 0.00	216.78 9.38 0.00	91.56 3.39 0.08	46.41 2.14 0.00	40.66 1.58 0.00
V_A_10_SYNC_DSASP 323832	35.40 -0.12 0.00	33.12 -0.19 0.00	26.83 -0.56 0.00	26.18 -0.44 0.00	28.02 -0.43 0.00	31.83 -0.23 0.00	30.84 -0.25 0.00	28.94 -0.49 0.00	37.23 -0.22 0.00	41.29 0.41 0.00	42.77 1.01 0.00	46.68 2.03 0.00	77.78 3.81 0.00	189.95 6.72 0.00	203.77 5.43 0.00	282.28 6.30 0.00	289.38 1.67 0.15	826.27 6.55 0.00	180.50 1.38 0.00	98.32 1.11 0.00	208.97 1.57 0.00	90.84 2.59 0.00	45.48 1.21 0.00	40.10 1.02 0.00
V_CMM_10_SYNC_DSASP 323787	34.98 -0.55 0.00	32.81 -0.51 0.00	26.90 -0.49 0.00	26.15 -0.46 0.00	27.97 -0.48 0.00	31.54 -0.52 0.00	30.66 -0.44 0.00	29.02 -0.42 0.00	36.93 -0.52 0.00	40.06 -0.82 0.00	40.62 -1.14 0.00	42.92 -1.74 0.00	239.95 -2.80 -168.77	178.09 -5.14 0.00	192.22 -6.12 0.00	266.67 -9.31 0.00	277.14 -10.72 0.00	790.12 -29.60 0.00	172.13 -6.99 0.00	93.46 -3.75 0.00	199.37 -8.03 0.00	84.86 -3.39 0.00	42.41 -1.86 0.00	37.92 -1.16 0.00
V_CMP_10_SYNC_DSASP 323788	35.80 0.28 0.00	33.57 0.25 0.00	27.52 0.13 0.00	26.74 0.12 0.00	28.66 0.21 0.00	32.25 0.19 0.00	31.39 0.30 0.00	29.63 0.20 0.00	37.71 0.27 0.00	40.74 -0.13 0.00	41.39 -0.37 0.00	43.92 -0.73 0.00	72.52 -1.46 0.00	180.79 -2.44 0.00	196.39 -1.95 0.00	272.23 -3.75 0.00	283.40 -4.46 0.00	807.52 -12.19 0.00	176.47 -2.65 0.00	95.50 -1.71 0.00	203.74 -3.66 0.00	86.36 -1.89 0.00	43.24 -1.03 0.00	38.28 -0.81 0.00
V_E_10_SYNC_DSASP 323830	38.41 2.88 0.00	35.86 2.55 0.00	29.38 1.99 0.00	28.59 1.98 0.00	30.60 2.15 0.00	34.75 2.69 0.00	33.84 2.74 0.00	32.11 2.68 0.00	40.93 3.48 0.00	44.72 3.85 0.00	45.68 3.92 0.00	49.13 4.47 0.00	81.93 7.96 0.00	201.91 18.68 0.00	219.39 21.04 0.00	306.91 30.93 0.00	319.26 31.41 0.00	919.82 100.10 0.00	202.99 23.87 0.00	110.51 13.30 0.00	235.04 27.64 0.00	99.73 11.48 0.00	49.42 5.15 0.00	43.18 4.10 0.00
V_F_30_NSYNC___DSASP 323816	37.33 1.83 0.03	35.03 1.71 0.00	28.89 1.50 0.00	28.03 1.42 0.00	29.99 1.54 0.00	33.69 1.63 0.00	32.52 1.50 0.07	32.20 1.47 -1.30	39.46 1.84 -0.17	42.91 2.04 0.00	43.76 2.16 0.17	47.01 2.51 0.15	76.50 3.85 1.33	184.49 8.84 7.57	207.14 10.72 1.92	291.77 15.79 0.00	306.22 18.36 0.00	874.16 54.45 0.00	192.45 13.33 0.00	104.01 6.79 0.00	222.06 14.66 0.00	93.93 5.74 0.06	47.45 3.17 0.00	41.55 2.46 0.00
V_F_30_SYNC_DSASP 323786	36.12 0.62 0.02	33.97 0.66 0.00	28.07 0.68 0.00	27.22 0.61 0.00	29.09 0.64 0.00	32.66 0.59 0.00	31.48 0.45 0.06	31.26 0.50 -1.33	38.15 0.52 -0.18	41.43 0.55 0.00	42.24 0.63 0.15	45.30 0.78 0.14	73.59 0.82 1.20	177.61 1.26 6.87	199.24 2.65 1.75	280.50 4.52 0.00	295.48 7.62 0.00	842.61 22.90 0.00	185.11 5.99 0.00	100.05 2.83 0.00	213.66 6.26 0.00	90.43 2.23 0.06	45.81 1.53 0.00	40.12 1.03 0.00

V_XM10_SYNC_DSASP 323789	35.80 0.28 0.00	33.57 0.25 0.00	27.52 0.13 0.00	26.74 0.12 0.00	28.66 0.21 0.00	32.25 0.19 0.00	31.39 0.30 0.00	29.63 0.20 0.00	37.71 0.27 0.00	40.74 -0.13 0.00	41.39 -0.37 0.00	43.92 -0.73 0.00	72.52 -1.46 0.00	180.79 -2.44 0.00	196.39 -1.95 0.00	272.23 -3.75 0.00	283.40 -4.46 0.00	807.52 -12.19 0.00	176.47 -2.65 0.00	95.50 -1.71 0.00	203.74 -3.66 0.00	86.36 -1.89 0.00	43.24 -1.03 0.00	38.28 -0.81 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.02 1.48 -0.02	34.65 1.34 0.00	28.52 1.13 0.00	27.66 1.05 0.00	29.51 1.06 0.00	33.25 1.19 0.00	32.35 1.20 -0.05	22.92 1.23 7.75	37.89 1.47 1.03	42.69 1.82 0.00	44.04 2.16 -0.12	47.52 2.75 -0.11	79.54 4.58 -0.98	199.30 10.46 -5.61	212.97 13.20 -1.42	295.78 19.80 0.00	310.23 22.38 0.00	881.35 61.63 0.00	192.59 13.47 0.00	103.89 6.67 0.00	220.49 13.09 0.00	93.53 5.24 -0.05	47.11 2.84 0.00	40.80 1.71 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.32 1.77 -0.02	34.94 1.62 0.00	28.76 1.37 0.00	27.85 1.24 0.00	29.73 1.28 0.00	33.51 1.45 0.00	32.64 1.49 -0.06	36.72 1.54 -5.75	40.07 1.86 -0.76	43.11 2.24 0.00	44.51 2.61 -0.13	47.97 3.19 -0.13	80.31 5.25 -1.08	201.18 11.79 -6.17	214.99 15.08 -1.57	298.53 22.55 0.00	313.78 25.93 0.00	890.46 70.75 0.00	194.32 15.20 0.00	104.68 7.47 0.00	221.97 14.57 0.00	94.24 5.94 -0.05	47.51 3.24 0.00	41.07 1.99 0.00
W50THST__13_KV_LOAD 356117	37.53 1.98 -0.02	35.14 1.82 0.00	28.92 1.52 0.00	28.01 1.40 0.00	29.90 1.45 0.00	33.71 1.65 0.00	32.86 1.71 -0.06	36.94 1.76 -5.75	40.40 2.19 -0.76	43.47 2.60 0.00	44.87 2.98 -0.13	48.38 3.60 -0.13	81.04 5.98 -1.08	202.95 13.56 -6.17	216.82 16.91 -1.57	301.27 25.29 0.00	316.64 28.78 0.00	898.42 78.71 0.00	195.86 16.74 0.00	105.45 8.24 0.00	223.50 16.10 0.00	94.88 6.58 -0.05	47.82 3.55 0.00	41.34 2.26 0.00
WADING RIVER_IC_1 23522	39.25 3.56 -0.17	36.55 3.23 0.00	29.86 2.47 0.00	28.77 2.16 0.00	30.82 2.37 0.00	34.99 2.93 0.00	34.10 2.95 -0.06	37.66 2.53 -5.70	41.15 2.95 -0.76	44.14 3.14 -0.13	46.15 4.14 -0.26	60.85 4.61 -11.58	114.05 7.24 -32.82	276.58 15.14 -78.21	291.10 17.92 -74.84	368.61 27.24 -65.39	417.97 31.42 -98.68	1077.48 84.15 -173.62	416.03 18.16 -218.76	316.97 10.13 -209.63	247.51 21.50 -18.62	245.74 9.90 -147.60	51.35 5.12 -1.96	43.51 3.73 -0.70
WADING RIVER_IC_2 23547	39.25 3.56 -0.17	36.55 3.23 0.00	29.86 2.47 0.00	28.77 2.16 0.00	30.82 2.37 0.00	34.99 2.93 0.00	34.10 2.95 -0.06	37.66 2.53 -5.70	41.15 2.95 -0.76	44.14 3.14 -0.13	46.15 4.14 -0.26	60.85 4.61 -11.58	114.05 7.24 -32.82	276.58 15.14 -78.21	291.10 17.92 -74.84	368.61 27.24 -65.39	417.97 31.42 -98.68	1077.48 84.15 -173.62	416.03 18.16 -218.76	316.97 10.13 -209.63	247.51 21.50 -18.62	245.74 9.90 -147.60	51.35 5.12 -1.96	43.51 3.73 -0.70
WADING RIVER_IC_3 23601	39.25 3.56 -0.17	36.55 3.23 0.00	29.86 2.47 0.00	28.77 2.16 0.00	30.82 2.37 0.00	34.99 2.93 0.00	34.10 2.95 -0.06	37.66 2.53 -5.70	41.15 2.95 -0.76	44.14 3.14 -0.13	46.15 4.14 -0.26	60.85 4.61 -11.58	114.05 7.24 -32.82	276.58 15.14 -78.21	291.10 17.92 -74.84	368.61 27.24 -65.39	417.97 31.42 -98.68	1077.48 84.15 -173.62	416.03 18.16 -218.76	316.97 10.13 -209.63	247.51 21.50 -18.62	245.74 9.90 -147.60	51.35 5.12 -1.96	43.51 3.73 -0.70
WALDENNY_12_KV_BK2 80841	36.07 0.54 0.00	33.70 0.38 0.00	27.24 -0.15 0.00	26.59 -0.02 0.00	28.45 0.01 0.00	32.37 0.31 0.00	31.40 0.31 0.00	29.46 0.02 0.00	38.03 0.58 0.00	42.33 1.45 0.00	44.00 2.24 0.00	48.17 3.51 0.00	80.43 6.45 0.00	196.30 13.08 0.00	210.49 12.15 0.00	291.49 15.51 0.00	298.95 10.67 -0.42	851.24 31.52 0.00	185.66 6.54 0.00	101.13 3.91 0.00	215.21 7.81 0.00	93.45 5.20 0.00	46.68 2.41 0.00	41.10 2.01 0.00
WALDEN__HYDRO 24148	37.18 1.64 -0.02	34.79 1.47 0.00	28.63 1.24 0.00	27.75 1.14 0.00	29.63 1.18 0.00	33.37 1.32 0.00	32.44 1.31 -0.04	28.29 1.21 2.35	38.60 1.47 0.31	42.60 1.72 0.00	43.84 1.98 -0.10	47.24 2.49 -0.09	78.80 4.02 -0.80	197.24 9.43 -4.58	211.62 12.12 -1.17	294.40 18.42 0.00	309.28 21.43 0.00	880.58 60.87 0.00	192.74 13.63 0.00	104.19 6.97 0.00	221.19 13.79 0.00	93.85 5.56 -0.04	47.20 2.93 0.00	40.94 1.85 0.00
WARRENSBURG____ 23737	37.49 1.99 0.02	35.14 1.82 0.00	28.96 1.57 0.00	28.10 1.48 0.00	30.09 1.64 0.00	33.79 1.73 0.00	32.64 1.62 0.07	32.32 1.61 -1.28	39.65 2.02 -0.17	43.05 2.18 0.00	43.95 2.35 0.16	47.27 2.76 0.15	77.10 4.38 1.26	186.59 10.57 7.21	208.52 12.02 1.83	293.92 17.94 0.00	306.83 18.97 0.00	876.15 56.43 0.00	193.60 14.48 0.00	104.17 6.96 0.00	222.45 15.05 0.00	94.21 6.02 0.06	47.62 3.34 0.00	41.70 2.62 0.00
WATERSIDE____6 8 9 23538	37.39 1.85 -0.02	35.02 1.71 0.00	28.82 1.44 0.00	27.91 1.30 0.00	29.79 1.34 0.00	33.57 1.51 0.00	32.71 1.56 -0.06	36.77 1.60 -5.74	40.16 1.96 -0.76	43.15 2.27 0.00	44.47 2.57 -0.13	47.95 3.17 -0.13	80.12 5.06 -1.08	200.58 11.18 -6.17	214.32 14.41 -1.57	297.23 21.25 0.00	311.95 24.09 0.00	885.89 66.18 0.00	193.32 14.20 0.00	102.24 6.95 1.92	207.86 13.49 13.04	93.75 5.46 -0.05	47.30 3.03 0.00	40.89 1.80 0.00
WATKINRD_115KV_LN8_ILLION 55919	35.55 0.03 0.00	33.37 0.06 0.00	27.52 0.13 0.00	26.73 0.11 0.00	28.56 0.11 0.00	32.15 0.09 0.00	31.16 0.07 0.00	29.54 0.10 0.00	37.49 0.04 0.00	40.88 0.01 0.00	41.83 0.07 0.00	44.87 0.22 0.00	37.71 0.19 36.46	183.16 -0.07 0.00	198.84 0.50 0.00	277.09 1.11 0.00	290.74 2.88 0.00	829.98 10.26 0.00	182.47 3.35 0.00	99.03 1.82 0.00	211.26 3.86 0.00	89.57 1.32 0.00	45.00 0.73 0.00	39.51 0.43 0.00
WATSON__69_KV_BK 1 55734	39.17 3.48 -0.17	36.46 3.14 0.00	29.80 2.41 0.00	28.74 2.13 0.00	30.79 2.33 0.00	34.95 2.89 0.00	34.08 2.93 -0.06	37.67 2.54 -5.70	41.18 2.97 -0.76	44.39 3.39 -0.13	46.04 4.08 -0.19	55.17 4.62 -5.89	98.30 7.25 -17.07	249.27 16.41 -49.63	276.53 20.38 -57.80	372.16 30.79 -65.39	421.78 35.24 -98.68	1091.77 98.44 -173.62	419.34 21.47 -218.76	318.12 11.29 -209.63	246.33 22.60 -16.33	245.49 9.64 -147.60	51.50 4.96 -2.27	43.21 3.69 -0.44
WDELAWARE__HYD 323627	36.57 1.04 -0.01	34.21 0.90 0.00	28.16 0.77 0.00	27.30 0.69 0.00	29.14 0.69 0.00	32.84 0.78 0.00	31.95 0.83 -0.03	29.34 0.87 0.97	38.34 1.02 0.13	42.19 1.32 0.00	43.38 1.56 -0.06	46.53 1.82 -0.06	76.10 1.60 -0.52	188.90 2.72 -2.96	204.05 4.95 -0.75	284.35 8.37 0.00	299.18 11.32 0.00	851.09 31.38 0.00	186.22 7.10 0.00	100.71 3.50 0.00	213.79 6.39 0.00	90.69 2.42 -0.02	45.49 1.22 0.00	39.56 0.48 0.00
WEST BABYLON__IC 23714	38.96 3.27 -0.17	36.27 2.96 0.00	29.67 2.28 0.00	28.62 2.01 0.00	30.65 2.20 0.00	34.76 2.70 0.00	33.89 2.74 -0.06	37.50 2.37 -5.70	40.96 2.76 -0.76	44.12 3.12 -0.13	45.65 3.74 -0.15	50.43 4.26 -1.52	85.57 6.66 -4.93	225.24 15.28 -26.73	260.32 19.19 -42.79	370.20 28.83 -65.39	419.86 33.32 -98.68	1086.22 92.89 -173.62	418.25 20.37 -218.76	317.33 10.49 -209.63	242.71 20.99 -14.31	244.80 8.96 -147.60	51.94 4.67 -2.99	42.77 3.44 -0.24



WEST CANADA___HYD 24049	35.63 0.11 0.00	33.41 0.09 0.00	27.50 0.10 0.00	26.72 0.11 0.00	28.56 0.11 0.00	32.17 0.11 0.00	31.20 0.10 0.00	29.54 0.10 0.00	37.56 0.12 0.00	41.04 0.16 0.00	41.97 0.21 0.00	44.93 0.27 0.00	37.86 0.34 36.46	183.78 0.55 0.00	199.15 0.81 0.00	277.37 1.39 0.00	289.79 1.93 0.00	825.30 5.58 0.00	180.55 1.43 0.00	97.97 0.76 0.00	209.08 1.68 0.00	88.92 0.67 0.00	44.65 0.37 0.00	39.32 0.24 0.00
WESTERN_NY_WIND 24143	36.57 1.05 0.00	34.14 0.83 0.00	27.62 0.22 0.00	26.94 0.33 0.00	28.83 0.38 0.00	32.80 0.73 0.00	31.85 0.75 0.00	29.90 0.47 0.00	38.50 1.05 0.00	42.67 1.80 0.00	44.28 2.52 0.00	48.36 3.70 0.00	79.66 5.68 0.00	195.59 12.36 0.00	209.38 11.04 0.00	289.38 13.39 0.00	297.49 9.19 -0.44	850.28 30.57 0.00	186.77 7.65 0.00	101.84 4.63 0.00	216.27 8.87 0.00	94.02 5.77 0.00	47.47 3.20 0.00	41.74 2.65 0.00
WESTOVER___LESR 323668	36.05 0.52 0.00	33.69 0.37 0.00	27.61 0.22 0.00	26.86 0.24 0.00	28.71 0.26 0.00	32.49 0.43 0.00	31.62 0.52 0.00	29.92 0.49 0.00	38.16 0.71 0.00	41.91 1.04 0.00	43.01 1.25 0.00	46.36 1.71 0.00	77.06 3.08 0.00	189.17 5.94 0.00	205.46 7.12 0.00	286.19 10.20 0.00	297.07 9.21 0.00	845.27 25.55 0.00	185.19 6.07 0.00	100.59 3.38 0.00	214.56 7.16 0.00	91.47 3.22 0.00	45.82 1.55 0.00	40.21 1.13 0.00
WETHRSFD_WT_PWR 323626	35.54 0.02 0.00	33.28 -0.04 0.00	27.00 -0.39 0.00	26.33 -0.28 0.00	28.17 -0.28 0.00	32.05 -0.01 0.00	31.13 0.04 0.00	29.28 -0.15 0.00	37.71 0.26 0.00	41.94 1.07 0.00	43.48 1.72 0.00	47.43 2.78 0.00	79.17 5.19 0.00	192.88 9.65 0.00	207.44 9.10 0.00	287.45 11.46 0.00	295.20 7.20 -0.15	841.90 22.18 0.00	183.96 4.84 0.00	100.37 3.16 0.00	213.77 6.37 0.00	92.57 4.32 0.00	46.29 2.01 0.00	40.70 1.62 0.00
WHAVSTOR_138KV_BK127 55557	36.83 1.29 -0.02	34.48 1.17 0.00	28.39 1.00 0.00	27.55 0.93 0.00	29.39 0.94 0.00	33.09 1.03 0.00	32.18 1.03 -0.05	22.66 1.07 7.84	37.65 1.25 1.04	42.43 1.56 0.00	43.77 1.88 -0.12	47.20 2.43 -0.12	79.00 4.04 -0.99	197.92 9.06 -5.63	211.38 11.60 -1.43	293.53 17.55 0.00	307.93 20.07 0.00	874.57 54.85 0.00	191.17 12.05 0.00	103.13 5.92 0.00	218.91 11.51 0.00	92.89 4.60 -0.05	46.83 2.56 0.00	40.55 1.47 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.83 1.29 -0.02	34.48 1.17 0.00	28.39 1.00 0.00	27.55 0.93 0.00	29.39 0.94 0.00	33.09 1.03 0.00	32.18 1.03 -0.05	22.66 1.07 7.84	37.65 1.25 1.04	42.43 1.56 0.00	43.77 1.88 -0.12	47.20 2.43 -0.12	79.00 4.04 -0.99	197.92 9.06 -5.63	211.38 11.60 -1.43	293.53 17.55 0.00	307.93 20.07 0.00	874.57 54.85 0.00	191.17 12.05 0.00	103.13 5.92 0.00	218.91 11.51 0.00	92.89 4.60 -0.05	46.83 2.56 0.00	40.55 1.47 0.00
WHITEHAL_115KV_TB1 80871	39.06 3.56 0.02	36.55 3.23 0.00	30.05 2.66 0.00	29.17 2.55 0.00	31.35 2.91 0.00	35.08 3.02 0.00	34.06 3.03 0.07	33.71 2.98 -1.29	41.36 3.74 -0.17	44.45 3.58 0.00	45.28 3.68 0.16	48.79 4.29 0.15	79.67 6.98 1.29	193.20 17.36 7.39	218.13 21.67 1.88	309.14 33.16 0.00	322.26 34.40 0.00	917.65 97.94 0.00	204.14 25.02 0.00	109.31 12.09 0.00	233.34 25.93 0.00	97.70 9.51 0.06	49.30 5.03 0.00	43.60 4.51 0.00
WHITEPLN_13_KV_LOAD 356215	37.39 1.85 -0.02	34.99 1.68 0.00	28.80 1.41 0.00	27.91 1.29 0.00	29.78 1.33 0.00	33.57 1.51 0.00	32.68 1.53 -0.06	37.10 1.57 -6.10	40.16 1.91 -0.81	43.18 2.31 0.00	44.55 2.66 -0.13	48.05 3.27 -0.13	80.45 5.40 -1.08	201.80 12.42 -6.15	215.41 15.51 -1.56	299.06 23.08 0.00	314.20 26.34 0.00	892.57 72.85 0.00	194.93 15.82 0.00	105.13 7.92 0.00	222.93 15.53 0.00	94.56 6.26 -0.05	47.62 3.35 0.00	41.22 2.14 0.00
WM_FLOYD_69_KV_BK2 356380	39.10 3.41 -0.17	36.39 3.08 0.00	29.75 2.36 0.00	28.66 2.05 0.00	30.70 2.26 0.00	34.86 2.80 0.00	33.98 2.83 -0.06	37.55 2.42 -5.70	41.00 2.80 -0.76	44.05 3.05 -0.13	45.96 3.94 -0.26	60.84 4.38 -11.80	114.32 6.90 -33.44	278.23 14.79 -80.20	293.77 18.03 -77.40	369.00 27.63 -65.39	418.72 32.18 -98.68	1081.37 88.04 -173.62	416.95 19.07 -218.76	317.21 10.37 -209.63	247.88 21.52 -18.96	245.42 9.57 -147.60	51.20 4.95 -1.98	43.38 3.60 -0.70
WOODARD__115KV_TB2 355635	35.65 0.12 0.00	33.38 0.06 0.00	27.37 -0.02 0.00	26.61 0.00 0.00	28.44 -0.01 0.00	32.12 0.06 0.00	31.17 0.08 0.00	29.48 0.05 0.00	37.59 0.14 0.00	41.21 0.33 0.00	42.29 0.53 0.00	45.48 0.83 0.00	40.71 1.46 34.73	186.12 2.89 0.00	201.58 3.24 0.00	280.56 4.58 0.00	291.87 4.02 0.00	829.76 10.04 0.00	181.55 2.43 0.00	98.68 1.47 0.00	210.52 3.13 0.00	89.63 1.38 0.00	44.82 0.55 0.00	39.40 0.32 0.00
YORK___WARBASSE 23770	37.55 2.00 -0.02	35.18 1.86 0.00	28.96 1.57 0.00	28.03 1.42 0.00	29.93 1.48 0.00	33.73 1.67 0.00	32.87 1.72 -0.06	36.90 1.72 -5.74	40.33 2.12 -0.76	43.36 2.49 0.00	44.64 2.74 -0.13	48.21 3.43 -0.13	80.54 5.48 -1.09	200.74 11.34 -6.17	214.55 14.64 -1.57	297.58 21.60 0.00	312.07 24.21 0.00	885.39 65.68 0.00	193.25 14.13 0.00	102.47 6.93 1.68	209.64 13.66 11.42	93.94 5.64 -0.05	47.54 3.26 0.00	41.08 2.00 0.00