

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										08/10/2025			
Generator Data																									
Name	PTID	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
59TH STREET_GT_1	24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
		41.07	33.85	32.09	31.25	33.34	37.33	33.30	33.93	31.18	35.75	46.13	53.32	119.99	58.32	59.94	81.86	95.70	298.57	627.06	369.71	81.28	93.14	89.28	57.91
		1.03	0.93	0.91	0.87	0.88	0.95	0.83	0.98	1.08	1.13	1.37	1.53	1.38	1.47	1.44	1.91	2.63	9.74	18.02	7.88	1.08	1.08	1.15	1.18
		-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	0.00	-0.45	0.00	-74.56	0.00	0.00	0.00	0.00	0.00	0.00	-8.10	0.00	0.00	0.00	0.00
74TH STREET_GT_1	24260	41.09	33.86	32.10	31.26	33.35	37.34	33.32	33.94	31.17	35.77	46.19	53.42	120.08	58.45	60.10	82.08	95.98	299.43	628.89	370.90	81.50	93.37	89.50	58.01
		1.04	0.94	0.92	0.88	0.90	0.96	0.86	0.99	1.08	1.16	1.45	1.63	1.46	1.60	1.60	2.14	2.91	10.61	19.85	9.07	1.29	1.30	1.37	1.28
		-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	0.00	-0.45	0.00	-74.57	0.00	0.00	0.00	0.00	0.00	0.00	-8.10	0.00	0.00	0.00	0.00
74TH STREET_GT_2	24261	41.09	33.86	32.10	31.26	33.35	37.34	33.32	33.94	31.17	35.77	46.19	53.42	120.08	58.45	60.10	82.08	95.98	299.43	628.89	370.90	81.50	93.37	89.50	58.01
		1.04	0.94	0.92	0.88	0.90	0.96	0.86	0.99	1.08	1.16	1.45	1.63	1.46	1.60	1.60	2.14	2.91	10.61	19.85	9.07	1.29	1.30	1.37	1.28
		-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	0.00	-0.45	0.00	-74.57	0.00	0.00	0.00	0.00	0.00	0.00	-8.10	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	24011	41.34	34.31	32.58	31.81	33.99	38.12	33.90	34.36	30.36	35.81	45.43	52.82	-21.23	58.39	60.14	82.48	97.20	306.21	652.95	461.46	84.90	97.17	92.37	59.37
		1.71	1.39	1.40	1.43	1.55	1.74	1.44	1.41	1.22	1.19	1.13	1.03	1.06	1.54	1.64	2.53	4.12	17.38	43.91	25.04	4.69	5.10	4.24	2.65
		0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.33	0.00	0.00	0.00	0.00	0.00	0.00	-82.69	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23798	41.59	34.50	32.76	31.96	34.17	38.30	34.03	34.47	30.51	36.00	45.71	53.09	-20.02	58.83	60.53	83.04	98.12	309.43	660.12	466.17	85.62	97.92	92.97	59.74
		1.96	1.58	1.59	1.59	1.72	1.91	1.56	1.53	1.37	1.39	1.40	1.30	1.34	1.98	2.03	3.10	5.04	20.60	51.08	29.29	5.42	5.85	4.84	3.01
		0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.40	0.00	0.00	0.00	0.00	0.00	0.00	-83.14	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	24028	41.34	34.31	32.58	31.81	33.99	38.12	33.90	34.36	30.36	35.81	45.43	52.82	-21.23	58.39	60.14	82.48	97.20	306.21	652.95	461.46	84.90	97.17	92.37	59.37
		1.71	1.39	1.40	1.43	1.55	1.74	1.44	1.41	1.22	1.19	1.13	1.03	1.06	1.54	1.64	2.53	4.12	17.38	43.91	25.04	4.69	5.10	4.24	2.65
		0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.33	0.00	0.00	0.00	0.00	0.00	0.00	-82.69	0.00	0.00	0.00	0.00
ADK_NYS___DAM	23527	39.85	33.41	32.06	31.40	33.60	37.70	33.61	34.05	30.14	35.12	44.49	51.50	-103.94	56.61	58.12	79.63	93.29	293.98	622.24	419.95	80.84	93.40	89.25	57.58
		0.45	0.50	0.88	1.03	1.15	1.31	1.14	1.10	0.84	0.50	0.11	-0.30	-0.28	-0.24	-0.38	-0.32	0.22	5.15	13.19	7.52	0.64	1.33	1.12	0.85
		0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	0.00	-0.08	0.00	147.72	0.00	0.00	0.00	0.00	0.00	0.00	-58.69	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	24190	39.92	33.24	31.63	30.92	33.09	37.08	33.06	33.50	29.56	34.84	44.40	51.76	-10.46	56.87	58.50	79.97	93.38	291.97	615.92	401.11	80.36	92.37	88.51	57.14
		0.25	0.32	0.46	0.55	0.63	0.69	0.60	0.55	0.42	0.22	0.09	-0.04	0.02	0.02	0.00	0.03	0.31	3.15	6.88	3.56	0.15	0.30	0.38	0.41
		0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.52	0.00	0.00	0.00	0.00	0.00	0.00	-43.80	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	355683	40.42	33.46	31.64	30.74	32.83	36.87	32.98	33.48	29.67	35.34	45.16	52.84	44.81	57.72	59.30	81.14	94.25	289.52	609.34	355.28	19.14	5.76	73.41	57.11
		0.59	0.54	0.46	0.36	0.39	0.48	0.51	0.53	0.53	0.73	0.86	1.04	0.76	0.87	0.80	1.20	1.18	0.70	0.30	1.54	1.24	1.30	1.02	0.58
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.31	87.61	15.74	0.20
ALBANY_1_SOLAR	323833	39.74	33.04	31.44	30.71	32.87	36.85	32.87	33.23	29.20	34.35	43.74	50.98	7.87	56.01	57.65	78.67	91.83	287.40	608.80	387.43	79.80	91.71	87.83	56.66
		0.02	0.12	0.26	0.34	0.42	0.47	0.40	0.29	0.07	-0.27	-0.56	-0.81	-0.59	-0.84	-0.85	-1.27	-1.25	-1.43	-0.24	0.29	-0.41	-0.35	-0.30	-0.07
		0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.58	0.00	0.00	0.00	0.00	0.00	0.00	-33.41	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	323834	39.73	33.03	31.42	30.71	32.86	36.84	32.86	33.22	29.19	34.33	43.72	50.96	7.85	55.97	57.63	78.63	91.78	287.30	608.49	387.34	79.74	91.65	87.80	56.64
		0.00	0.11	0.25	0.33	0.41	0.45	0.39	0.27	0.05	-0.29	-0.58	-0.83	-0.60	-0.88	-0.87	-1.31	-1.29	-1.53	-0.55	0.22	-0.46	-0.42	-0.33	-0.09
		0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.59	0.00	0.00	0.00	0.00	0.00	0.00	-33.39	0.00	0.00	0.00	0.00
ALBANY___1	23571	39.92	33.24	31.63	30.92	33.09	37.08	33.06	33.50	29.56	34.84	44.40	51.76	-10.46	56.87	58.50	79.97	93.38	291.97	615.92	401.11	80.36	92.37	88.51	57.14
		0.25	0.32	0.46	0.55	0.63	0.69	0.60	0.55	0.42	0.22	0.09	-0.04	0.02	0.02	0.00	0.03	0.31	3.15	6.88	3.56	0.15	0.30	0.38	0.41
		0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.52	0.00	0.00	0.00	0.00	0.00	0.00	-43.80	0.00	0.00	0.00	0.00

ALBANY___2 23572	39.92 0.25 0.16	33.24 0.32 0.00	31.63 0.46 0.00	30.92 0.55 0.00	33.09 0.63 0.00	37.08 0.69 0.00	33.06 0.60 0.00	33.50 0.55 0.00	29.56 0.42 0.00	34.84 0.22 0.00	44.40 0.09 0.00	51.76 -0.04 0.00	-10.46 0.02 54.52	56.87 0.02 0.00	58.50 0.00 0.00	79.97 0.03 0.00	93.38 0.31 0.00	291.97 3.15 0.00	615.92 6.88 0.00	401.11 3.56 -43.80	80.36 0.15 0.00	92.37 0.30 0.00	88.51 0.38 0.00	57.14 0.41 0.00
ALBANY___3 23573	39.92 0.25 0.16	33.24 0.32 0.00	31.63 0.46 0.00	30.92 0.55 0.00	33.09 0.63 0.00	37.08 0.69 0.00	33.06 0.60 0.00	33.50 0.55 0.00	29.56 0.42 0.00	34.84 0.22 0.00	44.40 0.09 0.00	51.76 -0.04 0.00	-10.46 0.02 54.52	56.87 0.02 0.00	58.50 0.00 0.00	79.97 0.03 0.00	93.38 0.31 0.00	291.97 3.15 0.00	615.92 6.88 0.00	401.11 3.56 -43.80	80.36 0.15 0.00	92.37 0.30 0.00	88.51 0.38 0.00	57.14 0.41 0.00
ALBANY___4 23574	39.92 0.25 0.16	33.24 0.32 0.00	31.63 0.46 0.00	30.92 0.55 0.00	33.09 0.63 0.00	37.08 0.69 0.00	33.06 0.60 0.00	33.50 0.55 0.00	29.56 0.42 0.00	34.84 0.22 0.00	44.40 0.09 0.00	51.76 -0.04 0.00	-10.46 0.02 54.52	56.87 0.02 0.00	58.50 0.00 0.00	79.97 0.03 0.00	93.38 0.31 0.00	291.97 3.15 0.00	615.92 6.88 0.00	401.11 3.56 -43.80	80.36 0.15 0.00	92.37 0.30 0.00	88.51 0.38 0.00	57.14 0.41 0.00
ALBANY___LFGE 323615	40.21 0.55 0.17	33.47 0.55 0.00	31.85 0.67 0.00	31.11 0.74 0.00	33.29 0.85 0.00	37.31 0.93 0.00	33.27 0.80 0.00	33.71 0.76 0.00	29.74 0.60 0.00	35.08 0.46 0.00	44.72 0.41 0.00	52.16 0.37 0.00	-15.18 0.40 59.62	57.39 0.54 0.00	59.08 0.58 0.00	80.79 0.84 0.00	94.37 1.30 0.00	295.34 6.51 0.00	622.97 13.93 0.00	416.58 7.54 -55.30	81.21 1.00 0.00	93.29 1.23 0.00	89.33 1.20 0.00	57.63 0.90 0.00
ALCOA_PA_115KV_PL-6C 55860	40.81 0.98 0.00	33.76 0.84 0.00	31.90 0.73 0.00	30.98 0.61 0.00	33.10 0.65 0.00	37.17 0.78 0.00	33.26 0.79 0.00	33.75 0.80 0.00	29.90 0.76 0.00	35.61 0.99 0.00	45.49 1.18 0.00	53.22 1.43 0.00	45.14 1.09 0.00	58.16 1.31 0.00	59.77 1.27 0.00	81.80 1.86 0.00	95.02 1.95 0.00	292.87 4.05 0.00	615.18 6.14 0.00	359.78 6.04 0.00	230.35 2.51 -147.63	281.03 2.78 -186.18	76.23 2.38 14.28	60.37 1.46 -2.18
ALCOA_RYNLDS___DRP 24188	40.81 0.98 0.00	33.76 0.84 0.00	31.90 0.73 0.00	30.98 0.61 0.00	33.10 0.65 0.00	37.17 0.78 0.00	33.26 0.79 0.00	33.75 0.80 0.00	29.90 0.76 0.00	35.61 0.99 0.00	45.49 1.18 0.00	53.22 1.43 0.00	45.14 1.09 0.00	58.16 1.31 0.00	59.77 1.27 0.00	81.80 1.86 0.00	95.02 1.95 0.00	292.87 4.05 0.00	615.18 6.14 0.00	359.78 6.04 0.00	230.35 2.51 -147.63	281.03 2.78 -186.18	76.23 2.38 14.28	60.37 1.46 -2.18
ALCOA___DSASP 323711	40.81 0.98 0.00	33.76 0.84 0.00	31.90 0.73 0.00	30.98 0.61 0.00	33.10 0.65 0.00	37.17 0.78 0.00	33.25 0.79 0.00	33.75 0.80 0.00	29.90 0.76 0.00	35.61 0.99 0.00	45.49 1.18 0.00	53.22 1.43 0.00	45.14 1.09 0.00	58.17 1.31 0.00	59.77 1.27 0.00	81.80 1.86 0.00	95.02 1.95 0.00	292.87 4.05 0.00	615.18 6.14 0.00	359.77 6.03 0.00	230.35 2.51 -147.63	281.03 2.78 -186.18	76.23 2.38 14.28	60.37 1.46 -2.18
ALLEGHENY___COGEN 23514	42.80 2.97 0.00	34.79 1.87 0.00	32.62 1.45 0.00	31.63 1.26 0.00	33.73 1.29 0.00	37.59 1.20 0.00	33.36 0.89 0.00	33.96 1.02 0.00	29.87 0.73 0.00	36.12 1.51 0.00	46.90 2.59 0.00	54.87 3.08 0.00	46.38 2.33 0.00	59.37 2.52 0.00	60.88 2.38 0.00	82.92 2.97 0.00	95.71 2.64 0.00	292.92 4.09 0.00	623.13 14.08 0.00	367.41 13.68 0.00	84.48 4.27 0.00	97.76 5.69 0.00	93.39 5.26 0.00	59.61 2.88 0.00
ALTAMONT_115KV_TB 2 55880	39.87 0.14 0.10	33.12 0.20 0.00	31.50 0.32 0.00	30.77 0.40 0.00	32.90 0.45 0.00	36.90 0.51 0.00	32.90 0.44 0.00	33.34 0.39 0.00	29.42 0.28 0.00	34.70 0.09 0.00	44.26 -0.04 0.00	51.61 -0.18 0.00	8.41 -0.10 35.54	56.69 -0.15 0.00	58.35 -0.15 0.00	79.73 -0.21 0.00	93.03 -0.04 0.00	290.45 1.62 0.00	613.15 4.11 0.00	391.07 1.98 -35.36	80.16 -0.05 0.00	92.10 0.03 0.00	88.26 0.13 0.00	56.96 0.23 0.00
ALTONA_WT_PWR 323606	40.26 0.44 0.00	33.30 0.38 0.00	31.57 0.39 0.00	30.62 0.25 0.00	32.70 0.25 0.00	36.74 0.35 0.00	32.86 0.40 0.00	33.37 0.41 0.00	29.53 0.40 0.00	35.24 0.63 0.00	45.10 0.79 0.00	52.91 1.12 0.00	44.81 0.77 0.00	57.68 0.83 0.00	59.25 0.75 0.00	81.00 1.06 0.00	94.51 1.44 0.00	291.53 2.71 0.00	616.51 7.46 0.00	358.63 4.90 0.00	-7.45 1.99 89.64	-36.62 2.18 130.86	54.91 1.10 34.32	57.42 0.59 -0.10
AMERICAN_REF_FUEL 24010	40.76 0.93 0.00	33.01 0.09 0.00	30.83 -0.34 0.00	29.87 -0.50 0.00	32.06 -0.39 0.00	35.59 -0.80 0.00	31.41 -1.05 0.00	32.31 -0.64 0.00	29.16 0.03 0.00	35.83 1.33 0.11	46.60 2.29 0.00	54.25 2.45 0.00	45.82 1.77 0.00	59.57 2.72 0.00	61.49 2.99 0.00	83.59 3.64 0.00	95.30 2.23 0.00	287.14 -1.68 0.00	600.57 -8.48 0.00	347.50 -6.23 0.00	79.45 -0.76 0.00	93.35 1.29 0.00	90.44 2.31 0.00	58.04 1.32 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	41.81 1.98 0.00	33.16 0.24 0.00	30.85 -0.32 0.00	29.89 -0.48 0.00	31.96 -0.49 0.00	35.53 -0.86 0.00	31.38 -1.08 0.00	32.37 -0.58 0.00	29.26 0.12 0.00	36.13 1.67 0.15	47.45 3.15 0.00	55.57 3.78 0.00	47.09 3.05 0.00	61.44 4.59 0.00	63.31 4.81 0.00	86.23 6.28 0.00	98.64 5.57 0.00	300.13 11.30 0.00	633.21 24.16 0.00	365.80 12.07 0.00	83.39 3.18 0.00	97.02 4.95 0.00	93.36 5.23 0.00	59.40 2.67 0.00
ARTHUR KILL_GT_1 23520	40.89 0.85 -0.21	33.54 0.62 0.00	31.76 0.59 0.00	30.93 0.56 0.00	32.97 0.52 0.00	36.93 0.54 0.00	32.93 0.47 0.00	33.54 0.59 0.00	30.80 0.70 -0.96	35.22 0.61 0.00	41.48 0.66 3.49	52.38 0.72 0.13	50.42 0.73 -5.64	52.41 0.46 4.89	54.25 0.44 4.69	78.66 0.59 1.87	94.26 1.19 0.00	294.85 6.03 0.00	618.69 9.64 0.00	365.08 3.25 -8.10	80.08 -0.13 0.00	89.69 -0.47 1.91	87.86 -0.27 0.00	57.17 0.44 0.00
ARTHUR_KILL_2 23512	40.75 0.71 -0.21	33.42 0.50 0.00	31.67 0.49 0.00	30.83 0.46 0.00	32.87 0.42 0.00	36.81 0.42 0.00	32.83 0.37 0.00	33.44 0.49 0.00	30.71 0.61 -0.96	35.11 0.50 0.00	41.34 0.52 3.49	52.21 0.55 0.13	50.28 0.59 -5.64	52.22 0.26 4.89	54.03 0.22 4.69	78.34 0.27 1.87	93.89 0.82 0.00	293.55 4.72 0.00	616.05 7.01 0.00	363.38 1.55 -8.10	79.71 -0.49 0.00	89.26 -0.90 1.91	87.45 -0.67 0.00	56.94 0.22 0.00
ARTHUR_KILL_3 23513	40.54 0.49 -0.21	33.41 0.49 0.00	31.67 0.49 0.00	30.83 0.46 0.00	32.91 0.46 0.00	36.85 0.46 0.00	32.87 0.40 0.00	33.48 0.53 0.00	30.75 0.66 -0.96	35.23 0.61 0.00	41.53 0.72 3.49	52.56 0.76 0.00	50.47 0.71 -5.71	52.52 0.56 4.89	54.32 0.50 4.68	78.71 0.64 1.87	94.26 1.19 0.00	294.41 5.58 0.00	617.93 8.88 0.00	364.58 2.75 -8.10	80.05 -0.16 0.00	89.76 -0.40 1.91	87.87 -0.26 0.00	57.04 0.31 0.00

ARTHUR_KILL_COGEN 323718	40.89 0.85 -0.21	33.54 0.62 0.00	31.76 0.59 0.00	30.93 0.55 0.00	32.97 0.52 0.00	36.93 0.54 0.00	32.93 0.47 0.00	33.54 0.59 0.00	30.80 0.70 -0.96	35.22 0.60 0.00	41.48 0.66 3.49	52.38 0.72 0.13	50.41 0.73 -5.64	52.42 0.46 4.89	54.25 0.44 4.69	78.65 0.58 1.87	94.26 1.19 0.00	294.84 6.01 0.00	618.69 9.64 0.00	365.08 3.25 -8.10	80.06 -0.14 0.00	89.69 -0.47 1.91	87.85 -0.28 0.00	57.17 0.44 0.00
ASHOKAN____ 23654	40.50 0.68 0.00	33.43 0.51 0.00	31.70 0.52 0.00	30.93 0.56 0.00	33.06 0.62 0.00	37.05 0.66 0.00	33.07 0.61 0.00	33.58 0.63 0.00	29.69 0.56 0.00	35.01 0.39 0.00	44.72 0.42 0.00	52.18 0.38 0.00	44.57 0.52 0.00	57.42 0.56 0.00	59.27 0.77 0.00	81.19 1.24 0.00	95.15 2.08 0.00	299.01 10.18 0.00	632.14 23.09 0.00	389.34 10.43 -25.18	82.39 2.18 0.00	94.23 2.16 0.00	89.98 1.85 0.00	57.92 1.19 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.78 0.73 -0.21	33.53 0.61 0.00	31.79 0.62 0.00	30.96 0.58 0.00	33.02 0.58 0.00	36.98 0.59 0.00	33.00 0.54 0.00	33.62 0.67 0.00	30.90 0.80 -0.96	35.37 0.76 0.00	45.61 0.86 -0.45	52.81 1.02 0.00	120.28 0.98 -75.26	57.61 0.76 0.00	59.25 0.75 0.00	80.80 0.86 0.00	94.62 1.55 0.00	297.18 6.82 -1.54	620.25 11.03 -0.17	366.03 4.20 -8.10	80.35 0.14 0.00	91.90 -0.17 0.00	88.21 0.08 0.00	57.57 0.84 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.78 0.73 -0.21	33.53 0.61 0.00	31.79 0.62 0.00	30.96 0.58 0.00	33.02 0.58 0.00	36.98 0.59 0.00	33.00 0.54 0.00	33.62 0.67 0.00	30.90 0.80 -0.96	35.37 0.76 0.00	45.61 0.86 -0.45	52.81 1.02 0.00	120.28 0.98 -75.26	57.61 0.76 0.00	59.25 0.75 0.00	80.80 0.86 0.00	94.62 1.55 0.00	297.18 6.82 -1.54	620.25 11.03 -0.17	366.03 4.20 -8.10	80.35 0.14 0.00	91.90 -0.17 0.00	88.21 0.08 0.00	57.57 0.84 0.00
ASTORIA_GT2_1 24094	40.79 0.75 -0.21	33.55 0.63 0.00	31.81 0.64 0.00	30.96 0.59 0.00	33.03 0.58 0.00	37.01 0.62 0.00	33.03 0.57 0.00	33.64 0.69 0.00	30.91 0.82 -0.96	35.39 0.77 0.00	45.65 0.89 -0.45	52.84 1.04 0.00	120.31 1.00 -75.26	57.64 0.79 0.00	59.28 0.79 0.00	80.83 0.89 0.00	94.67 1.60 0.00	297.43 7.07 -1.54	620.65 11.43 -0.17	366.26 4.43 -8.10	80.40 0.19 0.00	91.96 -0.11 0.00	88.29 0.16 0.00	57.61 0.88 0.00
ASTORIA_GT2_2 24095	40.79 0.75 -0.21	33.55 0.63 0.00	31.81 0.64 0.00	30.96 0.59 0.00	33.03 0.58 0.00	37.01 0.62 0.00	33.03 0.57 0.00	33.64 0.69 0.00	30.91 0.82 -0.96	35.39 0.77 0.00	45.65 0.89 -0.45	52.84 1.04 0.00	120.31 1.00 -75.26	57.64 0.79 0.00	59.28 0.79 0.00	80.83 0.89 0.00	94.67 1.60 0.00	297.43 7.07 -1.54	620.65 11.43 -0.17	366.26 4.43 -8.10	80.40 0.19 0.00	91.96 -0.11 0.00	88.29 0.16 0.00	57.61 0.88 0.00
ASTORIA_GT2_3 24096	40.79 0.75 -0.21	33.55 0.63 0.00	31.81 0.64 0.00	30.96 0.59 0.00	33.03 0.58 0.00	37.01 0.62 0.00	33.03 0.57 0.00	33.64 0.69 0.00	30.91 0.82 -0.96	35.39 0.77 0.00	45.65 0.89 -0.45	52.84 1.04 0.00	120.31 1.00 -75.26	57.64 0.79 0.00	59.28 0.79 0.00	80.83 0.89 0.00	94.67 1.60 0.00	297.43 7.07 -1.54	620.65 11.43 -0.17	366.26 4.43 -8.10	80.40 0.19 0.00	91.96 -0.11 0.00	88.29 0.16 0.00	57.61 0.88 0.00
ASTORIA_GT2_4 24097	40.79 0.75 -0.21	33.55 0.63 0.00	31.81 0.64 0.00	30.96 0.59 0.00	33.03 0.58 0.00	37.01 0.62 0.00	33.03 0.57 0.00	33.64 0.69 0.00	30.91 0.82 -0.96	35.39 0.77 0.00	45.65 0.89 -0.45	52.84 1.04 0.00	120.31 1.00 -75.26	57.64 0.79 0.00	59.28 0.79 0.00	80.83 0.89 0.00	94.67 1.60 0.00	297.43 7.07 -1.54	620.65 11.43 -0.17	366.26 4.43 -8.10	80.40 0.19 0.00	91.96 -0.11 0.00	88.29 0.16 0.00	57.61 0.88 0.00
ASTORIA_GT3_1 24098	40.79 0.75 -0.21	33.55 0.63 0.00	31.81 0.64 0.00	30.96 0.59 0.00	33.03 0.58 0.00	37.01 0.62 0.00	33.03 0.57 0.00	33.64 0.69 0.00	30.91 0.82 -0.96	35.39 0.77 0.00	45.65 0.89 -0.45	52.84 1.04 0.00	120.31 1.00 -75.26	57.64 0.79 0.00	59.28 0.79 0.00	80.83 0.89 0.00	94.67 1.60 0.00	297.43 7.07 -1.54	620.65 11.43 -0.17	366.26 4.43 -8.10	80.40 0.19 0.00	91.96 -0.11 0.00	88.29 0.16 0.00	57.61 0.88 0.00
ASTORIA_GT3_2 24099	40.79 0.75 -0.21	33.55 0.63 0.00	31.81 0.64 0.00	30.96 0.59 0.00	33.03 0.58 0.00	37.01 0.62 0.00	33.03 0.57 0.00	33.64 0.69 0.00	30.91 0.82 -0.96	35.39 0.77 0.00	45.65 0.89 -0.45	52.84 1.04 0.00	120.31 1.00 -75.26	57.64 0.79 0.00	59.28 0.79 0.00	80.83 0.89 0.00	94.67 1.60 0.00	297.43 7.07 -1.54	620.65 11.43 -0.17	366.26 4.43 -8.10	80.40 0.19 0.00	91.96 -0.11 0.00	88.29 0.16 0.00	57.61 0.88 0.00
ASTORIA_GT3_3 24100	40.79 0.75 -0.21	33.55 0.63 0.00	31.81 0.64 0.00	30.96 0.59 0.00	33.03 0.58 0.00	37.01 0.62 0.00	33.03 0.57 0.00	33.64 0.69 0.00	30.91 0.82 -0.96	35.39 0.77 0.00	45.65 0.89 -0.45	52.84 1.04 0.00	120.31 1.00 -75.26	57.64 0.79 0.00	59.28 0.79 0.00	80.83 0.89 0.00	94.67 1.60 0.00	297.43 7.07 -1.54	620.65 11.43 -0.17	366.26 4.43 -8.10	80.40 0.19 0.00	91.96 -0.11 0.00	88.29 0.16 0.00	57.61 0.88 0.00
ASTORIA_GT3_4 24101	40.79 0.75 -0.21	33.55 0.63 0.00	31.81 0.64 0.00	30.96 0.59 0.00	33.03 0.58 0.00	37.01 0.62 0.00	33.03 0.57 0.00	33.64 0.69 0.00	30.91 0.82 -0.96	35.39 0.77 0.00	45.65 0.89 -0.45	52.84 1.04 0.00	120.31 1.00 -75.26	57.64 0.79 0.00	59.28 0.79 0.00	80.83 0.89 0.00	94.67 1.60 0.00	297.43 7.07 -1.54	620.65 11.43 -0.17	366.26 4.43 -8.10	80.40 0.19 0.00	91.96 -0.11 0.00	88.29 0.16 0.00	57.61 0.88 0.00
ASTORIA_GT4_1 24102	40.79 0.75 -0.21	33.55 0.63 0.00	31.81 0.64 0.00	30.96 0.59 0.00	33.03 0.58 0.00	37.01 0.62 0.00	33.03 0.57 0.00	33.64 0.69 0.00	30.91 0.82 -0.96	35.39 0.77 0.00	45.65 0.89 -0.45	52.84 1.04 0.00	120.31 1.00 -75.26	57.64 0.79 0.00	59.28 0.79 0.00	80.83 0.89 0.00	94.67 1.60 0.00	297.43 7.07 -1.54	620.65 11.43 -0.17	366.26 4.43 -8.10	80.40 0.19 0.00	91.96 -0.11 0.00	88.29 0.16 0.00	57.61 0.88 0.00
ASTORIA_GT4_2 24103	40.79 0.75 -0.21	33.55 0.63 0.00	31.81 0.64 0.00	30.96 0.59 0.00	33.03 0.58 0.00	37.01 0.62 0.00	33.03 0.57 0.00	33.64 0.69 0.00	30.91 0.82 -0.96	35.39 0.77 0.00	45.65 0.89 -0.45	52.84 1.04 0.00	120.31 1.00 -75.26	57.64 0.79 0.00	59.28 0.79 0.00	80.83 0.89 0.00	94.67 1.60 0.00	297.43 7.07 -1.54	620.65 11.43 -0.17	366.26 4.43 -8.10	80.40 0.19 0.00	91.96 -0.11 0.00	88.29 0.16 0.00	57.61 0.88 0.00
ASTORIA_GT4_3 24104	40.79 0.75 -0.21	33.55 0.63 0.00	31.81 0.64 0.00	30.96 0.59 0.00	33.03 0.58 0.00	37.01 0.62 0.00	33.03 0.57 0.00	33.64 0.69 0.00	30.91 0.82 -0.96	35.39 0.77 0.00	45.65 0.89 -0.45	52.84 1.04 0.00	120.31 1.00 -75.26	57.64 0.79 0.00	59.28 0.79 0.00	80.83 0.89 0.00	94.67 1.60 0.00	297.43 7.07 -1.54	620.65 11.43 -0.17	366.26 4.43 -8.10	80.40 0.19 0.00	91.96 -0.11 0.00	88.29 0.16 0.00	57.61 0.88 0.00

ASTORIA_GT4_4 24105	40.79 0.75 -0.21	33.55 0.63 0.00	31.81 0.64 0.00	30.96 0.59 0.00	33.03 0.58 0.00	37.01 0.62 0.00	33.03 0.57 0.00	33.64 0.69 0.00	30.91 0.82 -0.96	35.39 0.77 0.00	45.65 0.89 -0.45	52.84 1.04 0.00	120.31 1.00 -75.26	57.64 0.79 0.00	59.28 0.79 0.00	80.83 0.89 0.00	94.67 1.60 0.00	297.43 7.07 -1.54	620.65 11.43 -0.17	366.26 4.43 -8.10	80.40 0.19 0.00	91.96 -0.11 0.00	88.29 0.16 0.00	57.61 0.88 0.00
ASTORIA_GT_1 23523	40.88 0.83 -0.21	33.61 0.70 0.00	31.87 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.06 0.67 0.00	33.08 0.62 0.00	33.71 0.76 0.00	30.97 0.87 -0.96	35.46 0.85 0.00	45.75 1.00 -0.45	52.97 1.18 0.00	120.41 1.11 -75.26	57.78 0.92 0.00	59.43 0.93 0.00	81.04 1.10 0.00	94.90 1.83 0.00	298.22 7.86 -1.54	622.16 12.94 -0.17	367.09 5.25 -8.10	80.59 0.38 0.00	92.18 0.11 0.00	88.48 0.35 0.00	57.74 1.01 0.00
ASTORIA_GT_10 24110	40.79 0.74 -0.21	33.59 0.67 0.00	31.86 0.68 0.00	31.01 0.65 0.00	33.09 0.64 0.00	37.06 0.68 0.00	33.07 0.61 0.00	33.69 0.74 0.00	30.95 0.86 -0.96	35.47 0.86 0.00	45.72 0.97 -0.45	52.91 1.12 0.00	119.68 1.05 -74.57	57.76 0.91 0.00	59.39 0.90 0.00	81.06 1.12 0.00	94.84 1.77 0.00	296.24 7.42 0.00	621.58 12.54 0.00	366.78 4.95 -8.10	80.45 0.25 0.00	92.04 -0.03 0.00	88.25 0.12 0.00	57.44 0.71 0.00
ASTORIA_GT_11 24225	40.79 0.74 -0.21	33.59 0.67 0.00	31.86 0.68 0.00	31.01 0.65 0.00	33.09 0.64 0.00	37.06 0.68 0.00	33.07 0.61 0.00	33.69 0.74 0.00	30.95 0.86 -0.96	35.47 0.86 0.00	45.72 0.97 -0.45	52.91 1.12 0.00	119.68 1.05 -74.57	57.76 0.91 0.00	59.39 0.90 0.00	81.06 1.12 0.00	94.84 1.77 0.00	296.24 7.42 0.00	621.58 12.54 0.00	366.78 4.95 -8.10	80.45 0.25 0.00	92.04 -0.03 0.00	88.25 0.12 0.00	57.44 0.71 0.00
ASTORIA_GT_12 24226	40.79 0.74 -0.21	33.59 0.67 0.00	31.86 0.68 0.00	31.01 0.65 0.00	33.09 0.64 0.00	37.06 0.68 0.00	33.07 0.61 0.00	33.69 0.74 0.00	30.95 0.86 -0.96	35.47 0.86 0.00	45.72 0.97 -0.45	52.91 1.12 0.00	119.68 1.05 -74.57	57.76 0.91 0.00	59.39 0.90 0.00	81.06 1.12 0.00	94.84 1.77 0.00	296.24 7.42 0.00	621.58 12.54 0.00	366.78 4.95 -8.10	80.45 0.25 0.00	92.04 -0.03 0.00	88.25 0.12 0.00	57.44 0.71 0.00
ASTORIA_GT_13 24227	40.79 0.74 -0.21	33.59 0.67 0.00	31.86 0.68 0.00	31.01 0.65 0.00	33.09 0.64 0.00	37.06 0.68 0.00	33.07 0.61 0.00	33.69 0.74 0.00	30.95 0.86 -0.96	35.47 0.86 0.00	45.72 0.97 -0.45	52.91 1.12 0.00	119.68 1.05 -74.57	57.76 0.91 0.00	59.39 0.90 0.00	81.06 1.12 0.00	94.84 1.77 0.00	296.24 7.42 0.00	621.58 12.54 0.00	366.78 4.95 -8.10	80.45 0.25 0.00	92.04 -0.03 0.00	88.25 0.12 0.00	57.44 0.71 0.00
ASTORIA_GT_5 24106	40.88 0.83 -0.21	33.61 0.70 0.00	31.87 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.06 0.67 0.00	33.08 0.62 0.00	33.71 0.76 0.00	30.97 0.87 -0.96	35.46 0.85 0.00	45.75 1.00 -0.45	52.97 1.18 0.00	120.41 1.11 -75.26	57.78 0.92 0.00	59.43 0.93 0.00	81.04 1.10 0.00	94.90 1.83 0.00	298.22 7.86 -1.54	622.16 12.94 -0.17	367.09 5.25 -8.10	80.59 0.38 0.00	92.18 0.11 0.00	88.48 0.35 0.00	57.74 1.01 0.00
ASTORIA_GT_7 24107	40.88 0.83 -0.21	33.61 0.70 0.00	31.87 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.06 0.67 0.00	33.08 0.62 0.00	33.71 0.76 0.00	30.97 0.87 -0.96	35.46 0.85 0.00	45.75 1.00 -0.45	52.97 1.18 0.00	120.41 1.11 -75.26	57.78 0.92 0.00	59.43 0.93 0.00	81.04 1.10 0.00	94.90 1.83 0.00	298.22 7.86 -1.54	622.16 12.94 -0.17	367.09 5.25 -8.10	80.59 0.38 0.00	92.18 0.11 0.00	88.48 0.35 0.00	57.74 1.01 0.00
ASTORIA_GT_8 24108	40.88 0.83 -0.21	33.61 0.70 0.00	31.87 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.06 0.67 0.00	33.08 0.62 0.00	33.71 0.76 0.00	30.97 0.87 -0.96	35.46 0.85 0.00	45.75 1.00 -0.45	52.97 1.18 0.00	120.41 1.11 -75.26	57.78 0.92 0.00	59.43 0.93 0.00	81.04 1.10 0.00	94.90 1.83 0.00	298.22 7.86 -1.54	622.16 12.94 -0.17	367.09 5.25 -8.10	80.59 0.38 0.00	92.18 0.11 0.00	88.48 0.35 0.00	57.74 1.01 0.00
ASTORIA___2 24149	40.80 0.75 -0.21	33.55 0.63 0.00	31.81 0.64 0.00	30.96 0.59 0.00	33.03 0.58 0.00	37.01 0.62 0.00	33.03 0.57 0.00	33.64 0.69 0.00	30.91 0.82 -0.96	35.38 0.77 0.00	45.64 0.89 -0.45	52.83 1.04 0.00	120.32 1.01 -75.26	57.65 0.80 0.00	59.28 0.78 0.00	80.84 0.89 0.00	94.66 1.59 0.00	297.42 7.05 -1.54	620.57 11.35 -0.17	366.21 4.37 -8.10	80.40 0.19 0.00	91.95 -0.12 0.00	88.27 0.14 0.00	57.61 0.88 0.00
ASTORIA___3 23516	40.80 0.75 -0.21	33.55 0.63 0.00	31.81 0.64 0.00	30.96 0.59 0.00	33.03 0.58 0.00	37.01 0.62 0.00	33.03 0.57 0.00	33.64 0.69 0.00	30.91 0.82 -0.96	35.38 0.77 0.00	45.64 0.89 -0.45	52.83 1.04 0.00	120.32 1.01 -75.26	57.65 0.80 0.00	59.28 0.78 0.00	80.84 0.89 0.00	94.66 1.59 0.00	297.38 7.02 -1.54	620.53 11.31 -0.17	366.14 4.31 -8.10	80.39 0.18 0.00	91.95 -0.12 0.00	88.25 0.12 0.00	57.60 0.87 0.00
ASTORIA___4 23517	40.79 0.75 -0.21	33.55 0.63 0.00	31.81 0.64 0.00	30.96 0.59 0.00	33.03 0.58 0.00	37.01 0.62 0.00	33.03 0.57 0.00	33.64 0.69 0.00	30.91 0.82 -0.96	35.39 0.77 0.00	45.65 0.89 -0.45	52.84 1.04 0.00	120.31 1.00 -75.26	57.64 0.79 0.00	59.28 0.79 0.00	80.83 0.89 0.00	94.67 1.60 0.00	297.42 7.06 -1.54	620.54 11.32 -0.17	366.20 4.36 -8.10	80.40 0.19 0.00	91.96 -0.11 0.00	88.29 0.16 0.00	57.60 0.87 0.00
ASTORIA___5 23518	40.79 0.75 -0.21	33.59 0.67 0.00	31.86 0.68 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.06 0.67 0.00	33.07 0.61 0.00	33.69 0.74 0.00	30.95 0.86 -0.96	35.47 0.86 0.00	45.72 0.97 -0.45	52.90 1.11 0.00	119.68 1.06 -74.57	57.75 0.90 0.00	59.39 0.89 0.00	81.06 1.11 0.00	94.83 1.76 0.00	296.24 7.41 0.00	621.44 12.39 0.00	366.68 4.85 -8.10	80.46 0.25 0.00	92.03 -0.03 0.00	88.25 0.12 0.00	57.44 0.71 0.00
AST_ENERGY_2_CC3 323677	40.64 0.59 -0.21	33.50 0.58 0.00	31.77 0.59 0.00	30.93 0.56 0.00	33.00 0.55 0.00	36.95 0.56 0.00	32.96 0.50 0.00	33.58 0.63 0.00	30.87 0.77 -0.96	35.35 0.74 0.00	45.63 0.88 -0.45	52.74 0.95 0.00	119.48 0.87 -74.57	57.65 0.80 0.00	59.27 0.77 0.00	80.95 1.01 0.00	94.67 1.60 0.00	295.47 6.64 0.00	620.36 11.32 0.00	366.07 4.23 -8.10	80.39 0.18 0.00	92.04 -0.03 0.00	88.22 0.09 0.00	57.25 0.52 0.00
AST_ENERGY_2_CC4 323678	40.64 0.59 -0.21	33.50 0.58 0.00	31.77 0.59 0.00	30.93 0.56 0.00	33.00 0.55 0.00	36.95 0.56 0.00	32.96 0.50 0.00	33.58 0.63 0.00	30.87 0.77 -0.96	35.35 0.74 0.00	45.63 0.88 -0.45	52.74 0.95 0.00	119.48 0.87 -74.57	57.65 0.80 0.00	59.27 0.77 0.00	80.95 1.01 0.00	94.67 1.60 0.00	295.47 6.64 0.00	620.36 11.32 0.00	366.07 4.23 -8.10	80.39 0.18 0.00	92.04 -0.03 0.00	88.22 0.09 0.00	57.25 0.52 0.00

ATHENS_STG_1 23668	39.86 -0.06 -0.09	32.98 0.07 0.00	31.38 0.20 0.00	30.65 0.27 0.00	32.75 0.31 0.00	36.72 0.33 0.00	32.78 0.32 0.00	33.24 0.29 0.00	29.56 0.24 -0.18	34.63 0.02 0.00	44.30 -0.08 -0.08	51.61 -0.19 0.00	74.30 -0.12 -30.37	56.62 -0.23 0.00	58.25 -0.25 0.00	79.51 -0.44 0.00	92.73 -0.34 0.00	289.27 0.44 0.00	609.36 0.32 0.00	359.08 -0.93 -6.28	79.44 -0.76 0.00	91.22 -0.85 0.00	87.52 -0.61 0.00	56.60 -0.13 0.00
ATHENS_STG_2 23670	39.86 -0.06 -0.09	32.98 0.07 0.00	31.38 0.20 0.00	30.65 0.27 0.00	32.75 0.31 0.00	36.72 0.33 0.00	32.78 0.32 0.00	33.24 0.29 0.00	29.56 0.24 -0.18	34.63 0.02 0.00	44.30 -0.08 -0.08	51.61 -0.19 0.00	74.30 -0.12 -30.37	56.62 -0.23 0.00	58.25 -0.25 0.00	79.51 -0.44 0.00	92.73 -0.34 0.00	289.27 0.44 0.00	609.36 0.32 0.00	359.08 -0.93 -6.28	79.44 -0.76 0.00	91.22 -0.85 0.00	87.52 -0.61 0.00	56.60 -0.13 0.00
ATHENS_STG_3 23677	39.86 -0.06 -0.09	32.98 0.07 0.00	31.38 0.20 0.00	30.65 0.27 0.00	32.75 0.31 0.00	36.72 0.33 0.00	32.78 0.32 0.00	33.24 0.29 0.00	29.56 0.24 -0.18	34.63 0.02 0.00	44.30 -0.08 -0.08	51.61 -0.19 0.00	74.30 -0.12 -30.37	56.62 -0.23 0.00	58.25 -0.25 0.00	79.51 -0.44 0.00	92.73 -0.34 0.00	289.27 0.44 0.00	609.36 0.32 0.00	359.08 -0.93 -6.28	79.44 -0.76 0.00	91.22 -0.85 0.00	87.52 -0.61 0.00	56.60 -0.13 0.00
AUBURN___LFGE 323710	40.47 0.64 0.00	33.27 0.35 0.00	31.28 0.10 0.00	30.52 0.15 0.00	32.55 0.10 0.00	36.48 0.10 0.00	32.33 -0.13 0.00	32.84 -0.11 0.00	29.02 -0.12 0.00	34.71 0.10 0.00	44.83 0.52 0.00	52.50 0.71 0.00	44.67 0.62 0.00	57.68 0.77 -0.06	60.08 1.10 -0.48	83.03 1.55 -1.54	99.10 1.68 -4.34	301.34 5.29 -7.22	630.87 10.13 -11.70	371.40 8.18 -9.49	82.35 1.91 -0.23	95.30 1.92 -1.31	91.92 1.96 -1.83	57.67 0.94 0.00
BABYLON_RES_REC 323704	40.91 0.87 -0.21	33.92 1.00 0.00	32.15 0.97 0.00	31.21 0.84 0.00	33.21 0.76 0.00	37.24 0.85 0.00	33.12 0.66 0.00	33.75 0.80 0.00	31.09 0.99 -0.95	35.49 0.88 0.00	48.71 2.03 -2.37	53.92 2.13 0.00	118.65 1.67 -72.93	58.22 1.37 0.00	59.34 0.96 0.12	80.96 1.03 0.01	91.78 1.34 2.63	285.01 4.43 8.25	254.68 6.37 360.73	231.25 1.75 124.24	63.31 -0.10 16.80	74.89 -0.04 17.14	60.82 -0.18 27.14	57.30 0.57 0.00
BALL_HILL_WT_PWR 323825	41.34 1.52 0.00	33.35 0.43 0.00	31.15 -0.03 0.00	30.20 -0.17 0.00	32.30 -0.15 0.00	35.93 -0.46 0.00	31.75 -0.72 0.00	32.60 -0.35 0.00	29.30 0.16 0.00	35.95 1.48 0.14	47.04 2.73 0.00	55.02 3.23 0.00	46.59 2.54 0.00	60.72 3.87 0.00	62.56 4.06 0.00	85.12 5.17 0.00	97.40 4.33 0.00	295.32 6.50 0.00	621.91 12.86 0.00	359.70 5.97 0.00	81.93 1.72 0.00	95.52 3.46 0.00	92.14 4.01 0.00	58.85 2.13 0.00
BARON_WINDS___WT_PWR 323822	40.19 0.36 0.00	32.86 -0.06 0.00	30.89 -0.28 0.00	30.01 -0.36 0.00	31.94 -0.50 0.00	35.77 -0.62 0.00	31.72 -0.75 0.00	32.31 -0.63 0.00	28.66 -0.48 0.00	34.87 0.19 -0.07	45.14 0.83 0.00	52.77 0.97 0.00	44.75 0.70 0.00	58.09 1.23 -0.02	59.89 1.26 -0.13	81.84 1.47 -0.42	95.05 0.78 -1.19	289.56 -1.25 -1.98	614.10 1.85 -3.21	360.13 1.58 -4.83	80.85 0.57 -0.06	93.24 0.81 -0.36	89.91 1.27 -0.50	57.30 0.57 0.00
BARRETT_IC_1 23704	40.64 0.60 -0.21	33.61 0.69 0.00	31.85 0.68 0.00	30.95 0.58 0.00	32.96 0.51 0.00	36.96 0.57 0.00	32.89 0.43 0.00	33.51 0.56 0.00	30.84 0.75 -0.95	35.27 0.65 0.00	48.22 1.55 -2.37	53.40 1.61 0.00	123.43 1.18 -78.20	57.72 0.87 0.00	59.06 0.56 0.00	80.55 0.61 0.00	93.84 0.77 0.00	248.43 2.10 42.50	540.29 1.07 69.83	333.48 -1.52 18.73	81.15 -0.71 -1.66	93.10 -0.55 -1.58	90.60 -0.40 -2.88	57.15 0.42 0.00
BARRETT_IC_10 23701	40.64 0.60 -0.21	33.61 0.69 0.00	31.85 0.68 0.00	30.95 0.58 0.00	32.96 0.51 0.00	36.96 0.57 0.00	32.89 0.43 0.00	33.51 0.56 0.00	30.84 0.75 -0.95	35.27 0.65 0.00	48.22 1.55 -2.37	53.40 1.61 0.00	75.27 1.18 -30.04	57.72 0.87 0.00	59.06 0.56 0.00	80.55 0.61 0.00	93.84 0.77 0.00	140.22 2.10 150.71	154.79 1.07 455.33	213.86 -1.52 138.35	81.15 -0.71 -1.66	93.10 -0.55 -1.58	90.60 -0.40 -2.88	57.15 0.42 0.00
BARRETT_IC_11 23702	40.64 0.60 -0.21	33.61 0.69 0.00	31.85 0.68 0.00	30.95 0.58 0.00	32.96 0.51 0.00	36.96 0.57 0.00	32.89 0.43 0.00	33.51 0.56 0.00	30.84 0.75 -0.95	35.27 0.65 0.00	48.22 1.55 -2.37	53.40 1.61 0.00	75.27 1.18 -30.04	57.72 0.87 0.00	59.06 0.56 0.00	80.55 0.61 0.00	93.84 0.77 0.00	140.22 2.10 150.71	154.79 1.07 455.33	213.86 -1.52 138.35	81.15 -0.71 -1.66	93.10 -0.55 -1.58	90.60 -0.40 -2.88	57.15 0.42 0.00
BARRETT_IC_12 23703	40.64 0.60 -0.21	33.61 0.69 0.00	31.85 0.68 0.00	30.95 0.58 0.00	32.96 0.51 0.00	36.96 0.57 0.00	32.89 0.43 0.00	33.51 0.56 0.00	30.84 0.75 -0.95	35.27 0.65 0.00	48.22 1.55 -2.37	53.40 1.61 0.00	75.27 1.18 -30.04	57.72 0.87 0.00	59.06 0.56 0.00	80.55 0.61 0.00	93.84 0.77 0.00	140.22 2.10 150.71	154.79 1.07 455.33	213.86 -1.52 138.35	81.15 -0.71 -1.66	93.10 -0.55 -1.58	90.60 -0.40 -2.88	57.15 0.42 0.00
BARRETT_IC_2 23705	40.64 0.60 -0.21	33.61 0.69 0.00	31.85 0.68 0.00	30.95 0.58 0.00	32.96 0.51 0.00	36.96 0.57 0.00	32.89 0.43 0.00	33.51 0.56 0.00	30.84 0.75 -0.95	35.27 0.65 0.00	48.22 1.55 -2.37	53.40 1.61 0.00	123.43 1.18 -78.20	57.72 0.87 0.00	59.06 0.56 0.00	80.55 0.61 0.00	93.84 0.77 0.00	248.43 2.10 42.50	540.29 1.07 69.83	333.48 -1.52 18.73	81.15 -0.71 -1.66	93.10 -0.55 -1.58	90.60 -0.40 -2.88	57.15 0.42 0.00
BARRETT_IC_3 23706	40.64 0.60 -0.21	33.61 0.69 0.00	31.85 0.68 0.00	30.95 0.58 0.00	32.96 0.51 0.00	36.96 0.57 0.00	32.89 0.43 0.00	33.51 0.56 0.00	30.84 0.75 -0.95	35.27 0.65 0.00	48.22 1.55 -2.37	53.40 1.61 0.00	123.43 1.18 -78.20	57.72 0.87 0.00	59.06 0.56 0.00	80.55 0.61 0.00	93.84 0.77 0.00	248.43 2.10 42.50	540.29 1.07 69.83	333.48 -1.52 18.73	81.15 -0.71 -1.66	93.10 -0.55 -1.58	90.60 -0.40 -2.88	57.15 0.42 0.00
BARRETT_IC_4 23707	40.64 0.60 -0.21	33.61 0.69 0.00	31.85 0.68 0.00	30.95 0.58 0.00	32.96 0.51 0.00	36.96 0.57 0.00	32.89 0.43 0.00	33.51 0.56 0.00	30.84 0.75 -0.95	35.27 0.65 0.00	48.22 1.55 -2.37	53.40 1.61 0.00	123.43 1.18 -78.20	57.72 0.87 0.00	59.06 0.56 0.00	80.55 0.61 0.00	93.84 0.77 0.00	248.43 2.10 42.50	540.29 1.07 69.83	333.48 -1.52 18.73	81.15 -0.71 -1.66	93.10 -0.55 -1.58	90.60 -0.40 -2.88	57.15 0.42 0.00
BARRETT_IC_5 23708	40.64 0.60 -0.21	33.61 0.69 0.00	31.85 0.68 0.00	30.95 0.58 0.00	32.96 0.51 0.00	36.96 0.57 0.00	32.89 0.43 0.00	33.51 0.56 0.00	30.84 0.75 -0.95	35.27 0.65 0.00	48.22 1.55 -2.37	53.40 1.61 0.00	123.43 1.18 -78.20	57.72 0.87 0.00	59.06 0.56 0.00	80.55 0.61 0.00	93.84 0.77 0.00	248.43 2.10 42.50	540.29 1.07 69.83	333.48 -1.52 18.73	81.15 -0.71 -1.66	93.10 -0.55 -1.58	90.60 -0.40 -2.88	57.15 0.42 0.00

BARRETT_IC_6 23709	40.64 0.60 -0.21	33.61 0.69 0.00	31.85 0.68 0.00	30.95 0.58 0.00	32.96 0.51 0.00	36.96 0.57 0.00	32.89 0.43 0.00	33.51 0.56 0.00	30.84 0.75 -0.95	35.27 0.65 0.00	48.22 1.55 -2.37	53.40 1.61 0.00	123.43 1.18 -78.20	57.72 0.87 0.00	59.06 0.56 0.00	80.55 0.61 0.00	93.84 0.77 0.00	248.43 2.10 42.50	540.29 1.07 69.83	333.48 -1.52 18.73	81.15 -0.71 -1.66	93.10 -0.55 -1.58	90.60 -0.40 -2.88	57.15 0.42 0.00
BARRETT_IC_7 23710	40.64 0.60 -0.21	33.61 0.69 0.00	31.85 0.68 0.00	30.95 0.58 0.00	32.96 0.51 0.00	36.96 0.57 0.00	32.90 0.43 0.00	33.51 0.56 0.00	30.84 0.75 -0.95	35.27 0.65 0.00	48.21 1.54 -2.37	53.40 1.61 0.00	123.45 1.20 -78.20	57.73 0.88 0.00	59.06 0.56 0.00	80.54 0.60 0.00	93.84 0.77 0.00	248.46 2.13 42.50	540.42 1.20 69.83	333.48 -1.52 18.73	81.17 -0.70 -1.66	93.08 -0.56 -1.58	90.70 -0.31 -2.88	57.15 0.42 0.00
BARRETT_IC_8 23711	40.64 0.60 -0.21	33.61 0.69 0.00	31.85 0.68 0.00	30.95 0.58 0.00	32.96 0.51 0.00	36.96 0.57 0.00	32.89 0.43 0.00	33.51 0.56 0.00	30.84 0.75 -0.95	35.27 0.65 0.00	48.22 1.55 -2.37	53.40 1.61 0.00	123.43 1.18 -78.20	57.72 0.87 0.00	59.06 0.56 0.00	80.55 0.61 0.00	93.84 0.77 0.00	248.43 2.10 42.50	540.29 1.07 69.83	333.48 -1.52 18.73	81.15 -0.71 -1.66	93.10 -0.55 -1.58	90.60 -0.40 -2.88	57.15 0.42 0.00
BARRETT_IC_9 23700	40.64 0.60 -0.21	33.61 0.69 0.00	31.85 0.68 0.00	30.95 0.58 0.00	32.96 0.51 0.00	36.96 0.57 0.00	32.89 0.43 0.00	33.51 0.56 0.00	30.84 0.75 -0.95	35.27 0.65 0.00	48.22 1.55 -2.37	53.40 1.61 0.00	75.27 1.18 -30.04	57.72 0.87 0.00	59.06 0.56 0.00	80.55 0.61 0.00	93.84 0.77 0.00	140.22 2.10 150.71	154.79 1.07 455.33	213.86 -1.52 138.35	81.15 -0.71 -1.66	93.10 -0.55 -1.58	90.60 -0.40 -2.88	57.15 0.42 0.00
BARRETT___1 23545	40.64 0.60 -0.21	33.61 0.69 0.00	31.85 0.68 0.00	30.95 0.58 0.00	32.96 0.51 0.00	36.96 0.57 0.00	32.89 0.43 0.00	33.51 0.56 0.00	30.84 0.75 -0.95	35.27 0.65 0.00	48.22 1.55 -2.37	53.40 1.61 0.00	123.43 1.18 -78.20	57.72 0.87 0.00	59.06 0.56 0.00	80.55 0.61 0.00	93.84 0.77 0.00	248.43 2.10 42.50	549.17 1.07 60.95	336.34 -1.52 15.87	81.15 -0.71 -1.66	93.10 -0.55 -1.58	90.60 -0.40 -2.88	57.15 0.42 0.00
BARRETT___2 23546	40.64 0.60 -0.21	33.61 0.69 0.00	31.85 0.68 0.00	30.95 0.58 0.00	32.96 0.51 0.00	36.96 0.57 0.00	32.89 0.43 0.00	33.51 0.56 0.00	30.84 0.75 -0.95	35.27 0.65 0.00	48.22 1.55 -2.37	53.40 1.61 0.00	75.27 1.18 -30.04	57.72 0.87 0.00	59.06 0.56 0.00	80.55 0.61 0.00	93.84 0.77 0.00	140.22 2.10 150.71	154.79 1.07 455.33	213.86 -1.52 138.35	81.15 -0.71 -1.66	93.10 -0.55 -1.58	90.60 -0.40 -2.88	57.15 0.42 0.00
BATAVIA__115KV_TB1 55881	42.33 2.51 0.00	34.30 1.38 0.00	32.05 0.87 0.00	31.04 0.67 0.00	33.22 0.77 0.00	36.92 0.54 0.00	32.62 0.16 0.00	33.44 0.49 0.00	29.97 0.83 0.00	36.65 2.04 0.00	47.51 3.21 0.00	55.54 3.75 0.00	47.08 3.04 0.00	61.32 4.47 0.00	63.35 4.85 0.00	86.71 6.77 0.00	99.36 6.29 0.00	302.69 13.87 0.00	636.40 27.35 0.00	369.78 16.04 0.00	84.42 4.22 0.00	98.55 6.48 0.00	94.64 6.50 0.00	60.49 3.76 0.00
BAYONEEC___CTG1 323682	40.73 0.68 -0.21	33.57 0.65 0.00	31.83 0.65 0.00	30.99 0.62 0.00	33.06 0.61 0.00	37.02 0.64 0.00	33.03 0.56 0.00	33.63 0.69 0.00	30.90 0.80 -0.96	35.41 0.79 0.00	45.72 0.97 -0.45	52.84 1.05 0.00	119.57 0.95 -74.57	57.75 0.90 0.00	59.36 0.86 0.00	81.06 1.12 0.00	94.78 1.71 0.00	295.92 7.09 0.00	621.46 12.41 0.00	366.56 4.72 -8.10	80.53 0.32 0.00	92.22 0.15 0.00	88.40 0.27 0.00	57.36 0.63 0.00
BAYONEEC___CTG10 323750	40.73 0.68 -0.21	33.57 0.65 0.00	31.83 0.65 0.00	30.99 0.62 0.00	33.06 0.61 0.00	37.02 0.64 0.00	33.03 0.56 0.00	33.63 0.69 0.00	30.90 0.80 -0.96	35.41 0.79 0.00	45.72 0.97 -0.45	52.84 1.05 0.00	119.57 0.95 -74.57	57.75 0.90 0.00	59.36 0.86 0.00	81.06 1.12 0.00	94.78 1.71 0.00	295.92 7.09 0.00	621.46 12.41 0.00	366.56 4.72 -8.10	80.53 0.32 0.00	92.22 0.15 0.00	88.40 0.27 0.00	57.36 0.63 0.00
BAYONEEC___CTG2 323683	40.73 0.68 -0.21	33.57 0.65 0.00	31.83 0.65 0.00	30.99 0.62 0.00	33.06 0.61 0.00	37.02 0.64 0.00	33.03 0.56 0.00	33.63 0.69 0.00	30.90 0.80 -0.96	35.41 0.79 0.00	45.72 0.97 -0.45	52.84 1.05 0.00	119.57 0.95 -74.57	57.75 0.90 0.00	59.36 0.86 0.00	81.06 1.12 0.00	94.78 1.71 0.00	295.92 7.09 0.00	621.46 12.41 0.00	366.56 4.72 -8.10	80.53 0.32 0.00	92.22 0.15 0.00	88.40 0.27 0.00	57.36 0.63 0.00
BAYONEEC___CTG3 323684	40.73 0.68 -0.21	33.57 0.65 0.00	31.83 0.65 0.00	30.99 0.62 0.00	33.06 0.61 0.00	37.02 0.64 0.00	33.03 0.56 0.00	33.63 0.69 0.00	30.90 0.80 -0.96	35.41 0.79 0.00	45.72 0.97 -0.45	52.84 1.05 0.00	119.57 0.95 -74.57	57.75 0.90 0.00	59.36 0.86 0.00	81.06 1.12 0.00	94.78 1.71 0.00	295.92 7.09 0.00	621.46 12.41 0.00	366.56 4.72 -8.10	80.53 0.32 0.00	92.22 0.15 0.00	88.40 0.27 0.00	57.36 0.63 0.00
BAYONEEC___CTG4 323685	40.73 0.68 -0.21	33.57 0.65 0.00	31.83 0.65 0.00	30.99 0.62 0.00	33.06 0.61 0.00	37.02 0.64 0.00	33.03 0.56 0.00	33.63 0.69 0.00	30.90 0.80 -0.96	35.41 0.79 0.00	45.72 0.97 -0.45	52.84 1.05 0.00	119.57 0.95 -74.57	57.75 0.90 0.00	59.36 0.86 0.00	81.06 1.12 0.00	94.78 1.71 0.00	295.92 7.09 0.00	621.46 12.41 0.00	366.56 4.72 -8.10	80.53 0.32 0.00	92.22 0.15 0.00	88.40 0.27 0.00	57.36 0.63 0.00
BAYONEEC___CTG5 323686	40.73 0.68 -0.21	33.57 0.65 0.00	31.83 0.65 0.00	30.99 0.62 0.00	33.06 0.61 0.00	37.02 0.64 0.00	33.03 0.56 0.00	33.63 0.69 0.00	30.90 0.80 -0.96	35.41 0.79 0.00	45.72 0.97 -0.45	52.84 1.05 0.00	119.57 0.95 -74.57	57.75 0.90 0.00	59.36 0.86 0.00	81.06 1.12 0.00	94.78 1.71 0.00	295.92 7.09 0.00	621.46 12.41 0.00	366.56 4.72 -8.10	80.53 0.32 0.00	92.22 0.15 0.00	88.40 0.27 0.00	57.36 0.63 0.00
BAYONEEC___CTG6 323687	40.73 0.68 -0.21	33.57 0.65 0.00	31.83 0.65 0.00	30.99 0.62 0.00	33.06 0.61 0.00	37.02 0.64 0.00	33.03 0.56 0.00	33.63 0.69 0.00	30.90 0.80 -0.96	35.41 0.79 0.00	45.72 0.97 -0.45	52.84 1.05 0.00	119.57 0.95 -74.57	57.75 0.90 0.00	59.36 0.86 0.00	81.06 1.12 0.00	94.78 1.71 0.00	295.92 7.09 0.00	621.46 12.41 0.00	366.56 4.72 -8.10	80.53 0.32 0.00	92.22 0.15 0.00	88.40 0.27 0.00	57.36 0.63 0.00
BAYONEEC___CTG7 323688	40.73 0.68 -0.21	33.57 0.65 0.00	31.83 0.65 0.00	30.99 0.62 0.00	33.06 0.61 0.00	37.02 0.64 0.00	33.03 0.56 0.00	33.63 0.69 0.00	30.90 0.80 -0.96	35.41 0.79 0.00	45.72 0.97 -0.45	52.84 1.05 0.00	119.57 0.95 -74.57	57.75 0.90 0.00	59.36 0.86 0.00	81.06 1.12 0.00	94.78 1.71 0.00	295.92 7.09 0.00	621.46 12.41 0.00	366.56 4.72 -8.10	80.53 0.32 0.00	92.22 0.15 0.00	88.40 0.27 0.00	57.36 0.63 0.00

BAYONEEC___CTG8 323689	40.73 0.68 -0.21	33.57 0.65 0.00	31.83 0.65 0.00	30.99 0.62 0.00	33.06 0.61 0.00	37.02 0.64 0.00	33.03 0.56 0.00	33.63 0.69 0.00	30.90 0.80 -0.96	35.41 0.79 0.00	45.72 0.97 -0.45	52.84 1.05 0.00	119.57 0.95 -74.57	57.75 0.90 0.00	59.36 0.86 0.00	81.06 1.12 0.00	94.78 1.71 0.00	295.92 7.09 0.00	621.46 12.41 0.00	366.56 4.72 -8.10	80.53 0.32 0.00	92.22 0.15 0.00	88.40 0.27 0.00	57.36 0.63 0.00
BAYONEEC___CTG9 323749	40.73 0.68 -0.21	33.57 0.65 0.00	31.83 0.65 0.00	30.99 0.62 0.00	33.06 0.61 0.00	37.02 0.64 0.00	33.03 0.56 0.00	33.63 0.69 0.00	30.90 0.80 -0.96	35.41 0.79 0.00	45.72 0.97 -0.45	52.84 1.05 0.00	119.57 0.95 -74.57	57.75 0.90 0.00	59.36 0.86 0.00	81.06 1.12 0.00	94.78 1.71 0.00	295.92 7.09 0.00	621.46 12.41 0.00	366.56 4.72 -8.10	80.53 0.32 0.00	92.22 0.15 0.00	88.40 0.27 0.00	57.36 0.63 0.00
BEACON___LESR 323632	40.09 0.43 0.17	33.34 0.42 0.00	31.73 0.56 0.00	30.97 0.60 0.00	33.19 0.74 0.00	37.25 0.86 0.00	33.14 0.68 0.00	33.64 0.69 0.00	29.67 0.54 0.00	35.05 0.43 0.00	44.68 0.38 0.00	52.02 0.23 0.00	-13.71 0.27 58.03	57.28 0.43 0.00	58.92 0.42 0.00	80.59 0.65 0.00	94.13 1.06 0.00	294.71 5.89 0.00	622.01 12.97 0.00	405.48 7.04 -44.71	81.03 0.83 0.00	92.95 0.88 0.00	88.99 0.86 0.00	57.37 0.64 0.00
BEAVER RIVER___HYD 24048	42.29 2.47 0.00	34.62 1.70 0.00	31.97 0.79 0.00	30.75 0.38 0.00	32.81 0.36 0.00	36.99 0.60 0.00	33.29 0.83 0.00	33.92 0.97 0.00	29.93 0.80 0.00	35.65 1.03 0.00	45.65 1.34 0.00	53.34 1.55 0.00	45.35 1.30 0.00	58.70 1.82 -0.03	60.72 1.96 -0.26	83.58 2.80 -0.83	99.02 3.59 -2.35	306.17 13.43 -3.92	651.58 36.19 -6.34	385.65 26.77 -5.14	348.79 6.87 -261.71	472.06 7.93 -372.06	170.33 6.45 -75.75	60.28 2.99 -0.56
BEEBEE_GT_13 23619	41.24 1.41 0.00	33.61 0.69 0.00	31.53 0.35 0.00	30.59 0.22 0.00	32.70 0.25 0.00	36.43 0.04 0.00	32.28 -0.18 0.00	32.98 0.03 0.00	29.48 0.35 0.00	35.88 1.27 0.00	46.57 2.26 0.00	54.63 2.84 0.00	46.43 2.38 0.00	60.35 3.50 0.00	62.31 3.82 0.00	85.01 5.07 0.00	98.05 4.98 0.00	299.26 10.43 0.00	627.11 18.06 0.00	363.05 9.31 0.00	82.61 2.40 0.00	95.87 3.80 0.00	91.86 3.73 0.00	58.81 2.08 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.17 1.13 -0.21	33.83 0.91 0.00	32.04 0.86 0.00	31.19 0.82 0.00	33.26 0.81 0.00	37.26 0.87 0.00	33.23 0.77 0.00	33.86 0.91 0.00	31.11 1.02 -0.96	35.65 1.04 0.00	46.03 1.27 -0.45	53.28 1.49 0.00	120.03 1.41 -74.57	58.21 1.35 0.00	59.87 1.37 0.00	81.76 1.81 0.00	95.66 2.59 0.00	298.67 9.84 0.00	626.65 17.60 0.00	369.58 7.74 -8.10	81.15 0.94 0.00	92.89 0.82 0.00	89.11 0.98 0.00	57.97 1.24 0.00
BETHLEHEM___GRP 23843	39.92 0.25 0.16	33.24 0.32 0.00	31.63 0.46 0.00	30.92 0.55 0.00	33.09 0.63 0.00	37.08 0.69 0.00	33.06 0.60 0.00	33.50 0.55 0.00	29.56 0.42 0.00	34.84 0.22 0.00	44.40 0.09 0.00	51.76 -0.04 0.00	-10.46 0.02 54.52	56.87 0.02 0.00	58.50 0.00 0.00	79.97 0.03 0.00	93.38 0.31 0.00	291.97 3.15 0.00	615.92 6.88 0.00	401.11 3.56 -43.80	80.36 0.15 0.00	92.37 0.30 0.00	88.51 0.38 0.00	57.14 0.41 0.00
BETHLEHEM___GS1 323560	39.92 0.25 0.16	33.24 0.32 0.00	31.63 0.46 0.00	30.92 0.55 0.00	33.09 0.63 0.00	37.08 0.69 0.00	33.06 0.60 0.00	33.50 0.55 0.00	29.56 0.42 0.00	34.84 0.23 0.00	44.40 0.09 0.00	51.76 -0.04 0.00	-10.45 0.02 54.52	56.87 0.02 0.00	58.50 0.00 0.00	79.97 0.03 0.00	93.38 0.31 0.00	291.97 3.15 0.00	615.93 6.88 0.00	401.11 3.57 -43.80	80.36 0.15 0.00	92.37 0.30 0.00	88.50 0.37 0.00	57.14 0.41 0.00
BETHLEHEM___GS2 323561	39.92 0.25 0.16	33.24 0.32 0.00	31.63 0.46 0.00	30.92 0.55 0.00	33.09 0.63 0.00	37.08 0.69 0.00	33.06 0.60 0.00	33.50 0.55 0.00	29.56 0.42 0.00	34.84 0.23 0.00	44.40 0.09 0.00	51.76 -0.04 0.00	-10.45 0.02 54.52	56.87 0.02 0.00	58.50 0.00 0.00	79.97 0.03 0.00	93.38 0.31 0.00	291.97 3.15 0.00	615.93 6.88 0.00	401.11 3.57 -43.80	80.36 0.15 0.00	92.37 0.30 0.00	88.50 0.37 0.00	57.14 0.41 0.00
BETHLEHEM___GS3 323562	39.92 0.25 0.16	33.24 0.32 0.00	31.63 0.46 0.00	30.92 0.55 0.00	33.09 0.63 0.00	37.08 0.69 0.00	33.06 0.60 0.00	33.50 0.55 0.00	29.56 0.42 0.00	34.84 0.23 0.00	44.40 0.09 0.00	51.76 -0.04 0.00	-10.45 0.02 54.52	56.87 0.02 0.00	58.50 0.00 0.00	79.97 0.03 0.00	93.38 0.31 0.00	291.97 3.15 0.00	615.93 6.88 0.00	401.11 3.57 -43.80	80.36 0.15 0.00	92.37 0.30 0.00	88.50 0.37 0.00	57.14 0.41 0.00
BETHLEHEM___STEEL 23779	41.47 1.65 0.00	33.57 0.65 0.00	31.35 0.18 0.00	30.39 0.01 0.00	32.52 0.07 0.00	36.13 -0.26 0.00	31.93 -0.54 0.00	32.75 -0.19 0.00	29.47 0.33 0.00	36.31 1.70 0.00	47.31 3.01 0.00	55.38 3.59 0.00	46.89 2.84 0.00	61.05 4.20 0.00	62.95 4.45 0.00	85.61 5.67 0.00	97.99 4.91 0.00	296.37 7.54 0.00	622.70 13.66 0.00	360.17 6.44 0.00	82.01 1.80 0.00	95.84 3.77 0.00	92.38 4.26 0.00	59.16 2.43 0.00
BETHLHEM_115KV_TB1 79974	39.88 0.20 0.15	33.20 0.28 0.00	31.59 0.41 0.00	30.87 0.49 0.00	33.03 0.58 0.00	37.02 0.63 0.00	33.02 0.56 0.00	33.46 0.51 0.00	29.52 0.38 0.00	34.80 0.18 0.00	44.37 0.06 0.00	51.72 -0.08 0.00	-7.40 -0.01 51.43	56.83 -0.03 0.00	58.46 -0.04 0.00	79.89 -0.06 0.00	93.27 0.19 0.00	291.60 2.78 0.00	614.78 5.74 0.00	398.43 2.94 -41.76	80.24 0.03 0.00	92.23 0.16 0.00	88.38 0.25 0.00	57.06 0.33 0.00
BETHPAGE_CC_5 323564	40.74 0.70 -0.21	33.74 0.83 0.00	32.02 0.84 0.00	31.12 0.75 0.00	33.12 0.67 0.00	37.14 0.75 0.00	33.04 0.58 0.00	33.67 0.72 0.00	30.99 0.91 -0.95	35.39 0.77 0.00	48.43 1.76 -2.37	53.58 1.79 0.00	118.55 1.36 -73.15	57.90 1.05 0.00	59.10 0.69 0.09	80.23 0.71 0.42	91.98 0.88 1.97	284.22 3.01 7.61	282.43 3.13 329.74	240.23 -0.27 113.23	64.48 -0.60 15.12	76.21 -0.61 15.24	62.69 -0.71 24.74	56.93 0.20 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.53 1.70 0.00	33.63 0.71 0.00	31.40 0.23 0.00	30.43 0.06 0.00	32.56 0.11 0.00	36.18 -0.21 0.00	31.98 -0.49 0.00	32.80 -0.15 0.00	29.52 0.38 0.00	36.38 1.77 0.00	47.41 3.11 0.00	55.52 3.72 0.00	47.02 2.97 0.00	61.25 4.40 0.00	63.14 4.64 0.00	85.89 5.94 0.00	98.33 5.26 0.00	297.59 8.76 0.00	625.53 16.49 0.00	361.67 7.93 0.00	82.30 2.09 0.00	96.10 4.03 0.00	92.60 4.47 0.00	59.26 2.53 0.00
BINGHAMTON___COGEN 23790	40.05 0.22 0.00	32.99 0.07 0.00	31.17 -0.01 0.00	30.38 0.01 0.00	32.42 -0.03 0.00	36.31 -0.08 0.00	32.31 -0.16 0.00	32.83 -0.12 0.00	29.04 -0.10 0.00	34.72 0.10 0.00	44.68 0.37 0.00	52.21 0.41 0.00	44.41 0.36 0.00	57.60 0.72 -0.03	59.53 0.80 -0.23	81.61 0.94 -0.73	95.91 0.78 -2.06	293.73 1.48 -3.43	619.84 5.25 -5.55	364.20 2.41 -8.05	80.77 0.45 -0.11	93.37 0.68 -0.62	89.81 0.81 -0.86	57.02 0.29 0.00

BIXINCNT_115KV_LOAD 355685	41.39 1.56 0.00	33.45 0.53 0.00	31.28 0.10 0.00	30.29 -0.09 0.00	32.35 -0.09 0.00	35.92 -0.47 0.00	31.89 -0.57 0.00	32.63 -0.32 0.00	29.41 0.28 0.00	36.37 1.75 0.00	47.39 3.08 0.00	55.38 3.58 0.00	46.86 2.81 0.00	61.03 4.18 0.00	62.84 4.35 0.00	85.38 5.44 0.00	97.81 4.74 0.00	296.70 7.87 0.00	625.35 16.31 0.00	362.24 8.50 0.00	82.34 2.13 0.00	95.94 3.87 0.00	92.31 4.17 0.00	58.77 2.04 0.00
BLACK RIVER___HYD 24047	43.01 3.18 0.00	35.05 2.13 0.00	32.26 1.08 0.00	31.01 0.63 0.00	33.05 0.61 0.00	37.29 0.90 0.00	33.54 1.08 0.00	34.19 1.24 0.00	30.21 1.07 0.00	35.84 1.22 0.00	45.94 1.63 0.00	53.67 1.88 0.00	45.70 1.65 0.00	59.29 2.39 -0.05	61.56 2.62 -0.44	85.10 3.75 -1.41	101.95 4.91 -3.98	313.53 18.10 -6.61	669.32 49.57 -10.71	398.65 36.24 -8.68	269.82 9.05 -180.57	359.60 10.31 -257.23	149.71 8.36 -53.22	60.96 3.84 -0.39
BLACKRVR_115KV_TB2 79977	43.01 3.18 0.00	35.05 2.13 0.00	32.26 1.09 0.00	31.01 0.63 0.00	33.05 0.61 0.00	37.29 0.90 0.00	33.54 1.08 0.00	34.19 1.24 0.00	30.21 1.07 0.00	35.84 1.22 0.00	45.94 1.63 0.00	53.67 1.88 0.00	45.71 1.66 0.00	59.29 2.39 -0.05	61.56 2.62 -0.44	85.10 3.75 -1.41	101.96 4.91 -3.98	313.52 18.08 -6.61	669.32 49.57 -10.71	398.65 36.24 -8.68	269.82 9.05 -180.57	359.60 10.31 -257.23	149.70 8.35 -53.22	60.96 3.85 -0.39
BLDWN_LI_69_KV_BK4 356085	40.99 0.95 -0.21	33.90 0.98 0.00	32.11 0.93 0.00	31.19 0.82 0.00	33.21 0.76 0.00	37.24 0.85 0.00	33.14 0.67 0.00	33.77 0.82 0.00	31.09 1.00 -0.95	35.56 0.95 0.00	48.62 1.95 -2.37	53.90 2.11 0.00	120.18 1.68 -74.45	58.43 1.58 0.00	59.82 1.32 0.00	81.44 1.50 0.00	94.64 1.57 0.00	281.50 5.21 12.53	406.92 7.93 210.05	285.76 2.25 70.23	72.36 0.12 7.97	85.07 0.57 7.57	74.91 0.59 13.81	57.64 0.91 0.00
BLISS_WT_PWR 323608	41.34 1.51 0.00	33.37 0.45 0.00	31.20 0.03 0.00	30.20 -0.17 0.00	32.25 -0.20 0.00	35.78 -0.61 0.00	31.80 -0.66 0.00	32.54 -0.41 0.00	29.37 0.23 0.00	36.21 1.75 0.16	47.40 3.10 0.00	55.40 3.61 0.00	46.87 2.82 0.00	61.05 4.20 0.00	62.87 4.37 0.00	85.44 5.49 0.00	97.87 4.80 0.00	296.73 7.90 0.00	625.56 16.52 0.00	362.45 8.71 0.00	82.37 2.16 0.00	95.96 3.89 0.00	92.34 4.21 0.00	58.68 1.95 0.00
BLUESTONE___WT_PWR 323821	41.59 1.76 0.00	34.22 1.31 0.00	32.39 1.22 0.00	31.56 1.19 0.00	33.72 1.27 0.00	37.76 1.37 0.00	33.54 1.08 0.00	33.88 0.93 0.00	30.01 0.88 0.00	35.91 1.26 -0.03	46.14 1.84 0.00	53.96 2.17 0.00	45.91 1.87 0.00	59.43 2.56 -0.02	61.39 2.70 -0.20	84.37 3.79 -0.63	99.73 4.87 -1.79	306.97 15.17 -2.98	651.62 37.75 -4.82	386.43 22.23 -10.46	85.30 5.00 -0.10	98.03 5.43 -0.54	92.94 4.05 -0.75	57.96 1.23 0.00
BLUE_CIRC_CHEM_DRP 24182	39.27 -0.45 0.10	32.66 -0.26 0.00	31.09 -0.09 0.00	30.38 0.01 0.00	32.50 0.06 0.00	36.45 0.06 0.00	32.51 0.05 0.00	32.90 -0.05 0.00	28.96 -0.17 0.00	34.11 -0.51 0.00	43.45 -0.86 0.00	50.65 -1.15 0.00	7.40 -0.90 35.74	55.61 -1.24 0.00	57.21 -1.29 0.00	78.08 -1.86 0.00	91.11 -1.96 0.00	284.76 -4.06 0.00	601.60 -7.44 0.00	382.57 -4.25 -33.09	78.75 -1.46 0.00	90.52 -1.55 0.00	86.77 -1.36 0.00	56.02 -0.72 0.00
BOC_GAS_DRP 24189	39.67 -0.06 0.10	32.97 0.05 0.00	31.37 0.20 0.00	30.65 0.28 0.00	32.77 0.33 0.00	36.75 0.36 0.00	32.79 0.33 0.00	33.23 0.28 0.00	29.32 0.18 0.00	34.60 -0.02 0.00	44.14 -0.17 0.00	51.50 -0.29 0.00	9.58 -0.22 34.24	56.52 -0.33 0.00	58.13 -0.37 0.00	79.39 -0.55 0.00	92.57 -0.50 0.00	288.76 -0.07 0.00	608.69 -0.35 0.00	383.34 -0.77 -30.38	79.55 -0.66 0.00	91.42 -0.65 0.00	87.67 -0.46 0.00	56.62 -0.11 0.00
BOONVILLE_115KV_TB1 79983	41.44 1.61 0.00	34.07 1.15 0.00	31.85 0.67 0.00	30.84 0.47 0.00	32.92 0.47 0.00	36.99 0.60 0.00	33.15 0.68 0.00	33.70 0.75 0.00	29.73 0.60 0.00	35.40 0.78 0.00	45.35 1.04 0.00	53.02 1.23 0.00	45.15 1.11 0.00	58.41 1.55 -0.02	60.34 1.72 -0.13	82.77 2.41 -0.41	97.32 3.10 -1.15	302.37 11.63 -1.92	641.38 29.23 -3.11	375.77 19.52 -2.52	183.59 4.59 -98.80	237.82 5.23 -140.52	121.18 4.34 -28.70	59.09 2.15 -0.21
BORALEX_4TH_BRANCH 23824	39.85 0.45 0.43	33.41 0.50 0.00	32.06 0.88 0.00	31.40 1.03 0.00	33.60 1.15 0.00	37.70 1.31 0.00	33.61 1.14 0.00	34.05 1.10 0.00	30.14 0.84 -0.17	35.12 0.50 0.00	44.49 0.10 -0.08	51.49 -0.30 0.00	-103.95 -0.28 147.72	56.61 -0.24 0.00	58.11 -0.39 0.00	79.63 -0.31 0.00	93.29 0.22 0.00	293.98 5.16 0.00	622.23 13.19 0.00	419.95 7.52 -58.69	80.84 0.63 0.00	93.41 1.34 0.00	89.26 1.13 0.00	57.58 0.85 0.00
BOWLINE___1 23526	40.36 0.33 -0.20	33.29 0.37 0.00	31.60 0.43 0.00	30.81 0.43 0.00	32.88 0.44 0.00	36.80 0.41 0.00	32.84 0.38 0.00	33.40 0.46 0.00	28.00 0.54 1.68	35.09 0.47 0.00	44.02 0.50 0.78	52.31 0.52 0.00	114.54 0.47 -70.02	57.26 0.40 0.00	58.93 0.43 0.00	80.50 0.55 0.00	94.13 1.06 0.00	293.92 5.10 0.00	617.43 8.39 0.00	364.16 2.59 -7.84	80.06 -0.15 0.00	91.71 -0.36 0.00	87.94 -0.20 0.00	56.95 0.22 0.00
BOWLINE___2 23595	40.41 0.38 -0.20	33.32 0.40 0.00	31.62 0.44 0.00	30.81 0.44 0.00	32.89 0.45 0.00	36.83 0.44 0.00	32.85 0.38 0.00	33.41 0.46 0.00	28.00 0.55 1.68	35.10 0.48 0.00	44.08 0.55 0.78	52.38 0.58 0.00	114.60 0.53 -70.02	57.34 0.49 0.00	59.01 0.52 0.00	80.60 0.66 0.00	94.24 1.17 0.00	294.32 5.49 0.00	618.30 9.25 0.00	364.66 3.08 -7.84	80.17 -0.04 0.00	91.83 -0.24 0.00	88.05 -0.08 0.00	57.04 0.31 0.00
BRADY___115KV_TB2 356060	41.57 1.74 0.00	34.37 1.45 0.00	32.43 1.26 0.00	31.46 1.10 0.00	33.61 1.17 0.00	37.75 1.36 0.00	33.79 1.33 0.00	34.23 1.29 0.00	30.25 1.12 0.00	35.88 1.27 0.00	45.69 1.39 0.00	53.44 1.65 0.00	45.31 1.26 0.00	58.38 1.53 0.00	60.01 1.50 0.00	82.17 2.22 0.00	95.47 2.40 0.00	294.87 6.05 0.00	621.63 12.58 0.00	366.56 12.82 0.00	821.72 4.51 -737.01	1138.75 5.05 -1041.64	291.91 4.34 -199.44	61.27 2.59 -1.95
BRANSCOMB___SOLAR 323811	40.83 1.22 0.21	33.94 1.02 0.00	32.29 1.12 0.00	31.53 1.16 0.00	33.72 1.27 0.00	37.81 1.43 0.00	33.68 1.22 0.00	34.11 1.16 0.00	30.06 0.92 0.00	35.38 0.77 0.00	44.95 0.64 0.00	52.28 0.49 0.00	-29.54 0.59 74.17	57.67 0.82 0.00	59.37 0.87 0.00	81.36 1.41 0.00	95.59 2.52 0.00	300.69 11.87 0.00	638.93 29.89 0.00	449.95 17.36 -78.85	83.31 3.11 0.00	95.57 3.50 0.00	91.15 3.02 0.00	58.66 1.93 0.00
BRDGHMPT_69_KV_BK1 55812	42.14 2.10 -0.21	35.16 2.24 0.00	33.39 2.22 0.00	32.38 2.00 0.00	34.36 1.91 0.00	38.66 2.28 0.00	34.38 1.92 0.00	35.12 2.17 0.00	32.46 2.37 -0.96	37.23 2.61 0.00	51.34 4.66 -2.37	56.71 4.92 0.00	120.30 3.61 -72.64	60.09 3.24 0.00	61.79 3.55 0.25	97.43 4.61 -12.88	94.95 5.00 3.12	294.07 13.73 8.49	221.99 21.72 408.77	223.88 11.48 141.34	62.59 1.66 19.28	74.54 2.30 19.83	58.93 1.69 30.88	58.22 1.49 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	41.03 0.98 -0.21	34.12 1.20 0.00	32.33 1.16 0.00	31.39 1.02 0.00	33.37 0.92 0.00	37.45 1.06 0.00	33.28 0.82 0.00	33.92 0.98 0.00	31.27 1.18 -0.95	35.73 1.12 0.00	49.15 2.47 -2.37	54.41 2.61 0.00	118.83 2.07 -72.71	58.61 1.76 0.00	59.39 1.21 0.32	81.52 0.99 -0.59	89.53 0.70 4.23	281.59 2.08 9.32	208.34 0.68 401.38	213.57 -1.22 138.95	60.50 -0.39 19.32	71.56 -0.25 20.26	57.81 -0.05 30.28	57.40 0.67 0.00
BRISTLHL_115KV_TB1 79998	39.38 -0.45 0.00	32.41 -0.51 0.00	30.61 -0.57 0.00	29.80 -0.58 0.00	31.81 -0.63 0.00	35.64 -0.75 0.00	31.74 -0.73 0.00	32.24 -0.71 0.00	28.52 -0.61 0.00	34.03 -0.58 0.00	43.70 -0.60 0.00	51.16 -0.63 0.00	43.57 -0.48 0.00	56.53 -0.45 -0.13	59.15 -0.39 -1.04	82.78 -0.49 -3.33	101.86 -0.61 -9.40	302.60 -1.86 -15.63	630.84 -3.53 -25.33	372.21 -2.06 -20.53	98.73 -0.52 -19.05	121.15 -0.57 -29.65	97.89 -0.69 -10.45	56.18 -0.55 0.00
BROOKHAVEN___DRP 24191	40.85 0.81 -0.21	34.13 1.21 0.00	32.42 1.24 0.00	31.46 1.09 0.00	33.40 0.96 0.00	37.58 1.20 0.00	33.43 0.96 0.00	34.08 1.13 0.00	31.44 1.35 -0.96	35.88 1.27 0.00	49.38 2.71 -2.37	54.37 2.58 0.00	118.53 1.84 -72.64	57.98 1.12 0.00	59.33 1.08 0.25	93.89 1.13 -12.82	91.17 1.16 3.07	283.54 3.14 8.43	201.02 0.91 408.93	212.08 -0.28 141.38	60.25 -0.68 19.27	71.60 -0.68 19.79	56.34 -0.89 30.90	56.71 -0.02 0.00
BROOKLYN_NAVY_YARD 23515	40.68 0.63 -0.21	33.52 0.60 0.00	31.78 0.61 0.00	30.95 0.58 0.00	33.01 0.57 0.00	36.98 0.59 0.00	32.98 0.51 0.00	33.60 0.65 0.00	30.86 0.76 -0.96	35.38 0.76 0.00	45.63 0.88 -0.45	52.75 0.95 0.00	120.52 0.88 -75.59	57.66 0.81 0.00	59.28 0.78 0.00	80.93 0.99 0.00	94.64 1.57 0.00	297.81 6.67 -2.31	620.94 11.63 -0.26	366.18 4.34 -8.10	80.38 0.17 0.00	92.05 -0.02 0.00	88.24 0.11 0.00	57.29 0.56 0.00
BROOKLYN___ARMY_DRP 323595	40.91 0.87 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.44 0.82 0.00	45.73 0.98 -0.45	52.90 1.10 0.00	119.69 1.07 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.88 1.81 0.00	296.30 7.47 0.00	621.66 12.62 0.00	366.75 4.91 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.41 0.27 0.00	57.54 0.81 0.00
BROOME_2_LFGE 323671	40.06 0.23 0.00	32.99 0.07 0.00	31.17 -0.01 0.00	30.38 0.01 0.00	32.42 -0.03 0.00	36.31 -0.07 0.00	32.31 -0.15 0.00	32.83 -0.12 0.00	29.04 -0.10 0.00	34.75 0.10 -0.04	44.68 0.37 0.00	52.21 0.42 0.00	44.41 0.36 0.00	57.60 0.72 -0.03	59.53 0.80 -0.23	81.62 0.95 -0.73	95.92 0.79 -2.06	293.73 1.48 -3.43	619.85 5.25 -5.55	364.20 2.41 -8.05	80.77 0.45 -0.11	93.37 0.68 -0.62	89.81 0.82 -0.86	57.02 0.28 0.00
BROOME___LFGE 323600	40.06 0.23 0.00	32.99 0.07 0.00	31.17 -0.01 0.00	30.38 0.01 0.00	32.42 -0.03 0.00	36.31 -0.07 0.00	32.31 -0.15 0.00	32.83 -0.12 0.00	29.04 -0.10 0.00	34.75 0.10 -0.04	44.68 0.37 0.00	52.21 0.42 0.00	44.41 0.36 0.00	57.60 0.72 -0.03	59.53 0.80 -0.23	81.62 0.95 -0.73	95.92 0.79 -2.06	293.73 1.48 -3.43	619.85 5.25 -5.55	364.20 2.41 -8.05	80.77 0.45 -0.11	93.37 0.68 -0.62	89.81 0.82 -0.86	57.02 0.28 0.00
BROWNFLS_115KV_TB_3_5 80003	41.79 1.97 0.00	34.36 1.44 0.00	32.01 0.84 0.00	30.90 0.53 0.00	32.98 0.53 0.00	37.13 0.74 0.00	33.35 0.89 0.00	33.91 0.96 0.00	29.97 0.83 0.00	35.68 1.06 0.00	45.61 1.30 0.00	53.31 1.51 0.00	45.28 1.23 0.00	58.48 1.61 -0.02	60.36 1.68 -0.18	82.96 2.44 -0.57	97.65 2.97 -1.60	301.28 9.79 -2.67	638.01 24.64 -4.32	376.69 19.45 -3.50	558.49 5.52 -472.77	769.87 6.29 -671.51	229.03 5.13 -135.77	60.30 2.55 -1.01
BROWNSV1_27_KV_LOAD 356125	41.16 1.12 -0.21	33.91 0.99 0.00	32.14 0.96 0.00	31.29 0.91 0.00	33.38 0.92 0.00	37.37 0.98 0.00	33.33 0.86 0.00	33.95 1.01 0.00	31.20 1.10 -0.96	35.79 1.18 0.00	46.25 1.49 -0.45	53.48 1.69 0.00	120.14 1.52 -74.57	58.54 1.68 0.00	60.20 1.70 0.00	82.24 2.30 0.00	96.17 3.10 0.00	299.98 11.15 0.00	630.11 21.06 0.00	371.49 9.66 -8.10	81.64 1.44 0.00	93.52 1.45 0.00	89.65 1.52 0.00	58.10 1.37 0.00
BURROWS___LYONSDAL 23803	41.63 1.81 0.00	34.18 1.27 0.00	31.81 0.64 0.00	30.74 0.36 0.00	32.80 0.36 0.00	36.91 0.52 0.00	33.13 0.66 0.00	33.71 0.76 0.00	29.75 0.61 0.00	35.45 0.83 0.00	45.39 1.09 0.00	53.07 1.28 0.00	45.18 1.14 0.00	58.46 1.59 -0.02	60.40 1.75 -0.15	82.89 2.45 -0.49	97.62 3.16 -1.39	303.14 12.00 -2.31	643.65 30.86 -3.74	377.93 21.16 -3.03	216.10 5.12 -130.77	283.87 5.85 -185.96	130.88 4.81 -37.94	59.30 2.29 -0.28
CAITHNESS_CC_1 323624	40.77 0.73 -0.21	34.04 1.12 0.00	32.32 1.14 0.00	31.37 0.99 0.00	33.31 0.87 0.00	37.46 1.07 0.00	33.31 0.85 0.00	33.96 1.01 0.00	31.32 1.23 -0.96	35.75 1.13 0.00	49.18 2.50 -2.37	54.20 2.41 0.00	118.40 1.72 -72.64	57.89 1.04 0.00	59.15 0.89 0.24	93.57 0.87 -12.76	90.94 0.89 3.02	282.73 2.27 8.37	199.60 -0.36 409.09	211.09 -1.22 141.42	60.10 -0.85 19.25	71.44 -0.88 19.75	56.03 -1.19 30.92	56.65 -0.08 0.00
CALPINE BETH_PAGE_GT4 24209	40.73 0.69 -0.21	33.74 0.82 0.00	32.06 0.89 0.00	31.16 0.79 0.00	33.18 0.73 0.00	37.20 0.81 0.00	33.10 0.63 0.00	33.73 0.78 0.00	31.05 0.96 -0.95	35.42 0.81 0.00	48.44 1.77 -2.37	53.59 1.79 0.00	118.75 1.30 -73.39	57.85 1.00 0.00	59.16 0.66 0.00	80.79 0.66 -0.18	92.73 0.84 1.19	285.01 3.01 6.82	317.97 3.37 294.44	252.75 -0.30 100.68	66.37 -0.63 13.21	78.36 -0.64 13.07	65.51 -0.62 22.00	56.91 0.18 0.00
CALPINE_BETH_PAGE_GT_4 323586	40.73 0.69 -0.21	33.74 0.82 0.00	32.06 0.89 0.00	31.16 0.79 0.00	33.18 0.73 0.00	37.20 0.81 0.00	33.10 0.63 0.00	33.73 0.79 0.00	31.05 0.96 -0.95	35.42 0.81 0.00	48.44 1.77 -2.37	53.59 1.79 0.00	118.74 1.30 -73.39	57.85 1.00 0.00	59.16 0.66 0.00	80.78 0.66 -0.18	92.73 0.84 1.19	284.98 2.97 6.82	317.68 3.08 294.44	252.73 -0.33 100.68	66.37 -0.63 13.21	78.36 -0.64 13.07	65.42 -0.71 22.00	56.91 0.18 0.00
CALPINE_BP_GT1 23823	40.73 0.69 -0.21	33.74 0.82 0.00	32.06 0.89 0.00	31.16 0.79 0.00	33.18 0.73 0.00	37.20 0.81 0.00	33.10 0.63 0.00	33.73 0.79 0.00	31.05 0.96 -0.95	35.42 0.81 0.00	48.44 1.77 -2.37	53.59 1.79 0.00	118.74 1.30 -73.39	57.85 1.00 0.00	59.16 0.66 0.00	80.78 0.66 -0.18	92.73 0.84 1.19	284.98 2.97 6.82	317.68 3.08 294.44	252.73 -0.33 100.68	66.37 -0.63 13.21	78.36 -0.64 13.07	65.42 -0.71 22.00	56.91 0.18 0.00
CALSPAN___DRP 24200	41.47 1.65 0.00	33.57 0.65 0.00	31.35 0.18 0.00	30.39 0.01 0.00	32.52 0.07 0.00	36.13 -0.26 0.00	31.93 -0.54 0.00	32.75 -0.19 0.00	29.47 0.33 0.00	36.31 1.70 0.00	47.31 3.01 0.00	55.38 3.59 0.00	46.89 2.84 0.00	61.05 4.20 0.00	62.95 4.45 0.00	85.61 5.67 0.00	97.99 4.91 0.00	296.37 7.54 0.00	622.70 13.66 0.00	360.17 6.44 0.00	82.01 1.80 0.00	95.84 3.77 0.00	92.38 4.26 0.00	59.16 2.43 0.00

CALVERTON___SOLAR 323806	41.00 0.96 -0.21	34.27 1.35 0.00	32.55 1.38 0.00	31.59 1.22 0.00	33.53 1.09 0.00	37.76 1.37 0.00	33.57 1.11 0.00	34.24 1.29 0.00	31.58 1.49 -0.96	36.05 1.44 0.00	49.65 2.96 -2.37	54.64 2.85 0.00	118.71 2.02 -72.64	58.13 1.28 0.00	59.62 1.37 0.25	94.33 1.54 -12.84	91.59 1.61 3.09	284.76 4.39 8.45	203.42 3.26 408.88	213.44 1.08 141.37	60.52 -0.41 19.27	71.94 -0.32 19.80	56.47 -0.76 30.90	56.86 0.13 0.00
CANDIGU_WT_PWR 323617	40.19 0.36 0.00	32.86 -0.06 0.00	30.89 -0.28 0.00	30.01 -0.36 0.00	31.94 -0.50 0.00	35.77 -0.62 0.00	31.72 -0.75 0.00	32.31 -0.63 0.00	28.66 -0.48 0.00	34.87 0.19 -0.07	45.14 0.83 0.00	52.77 0.97 0.00	44.75 0.70 0.00	58.09 1.23 -0.02	59.89 1.26 -0.13	81.84 1.47 -0.42	95.05 0.78 -1.19	289.56 -1.25 -1.98	614.10 1.85 -3.21	360.13 1.58 -4.83	80.85 0.57 -0.06	93.24 0.81 -0.36	89.91 1.27 -0.50	57.30 0.57 0.00
CARR STREET_E_SYR 24060	39.43 -0.40 0.00	32.45 -0.47 0.00	30.66 -0.51 0.00	29.91 -0.46 0.00	31.93 -0.51 0.00	35.77 -0.62 0.00	31.84 -0.63 0.00	32.35 -0.60 0.00	28.63 -0.51 0.00	34.19 -0.42 0.00	43.97 -0.33 0.00	51.48 -0.31 0.00	43.84 -0.20 0.00	56.80 -0.09 -0.04	58.84 0.03 -0.31	80.94 0.00 -1.00	95.68 -0.23 -2.84	292.66 -0.89 -4.72	615.19 -1.51 -7.65	358.81 -1.12 -6.20	95.58 -0.35 -15.72	115.10 -0.35 -23.37	94.35 -0.43 -6.65	56.28 -0.45 0.00
CARTHAGE___PAPER 23857	42.88 3.05 0.00	35.02 2.11 0.00	32.30 1.13 0.00	31.06 0.68 0.00	33.12 0.68 0.00	37.36 0.97 0.00	33.62 1.16 0.00	34.25 1.30 0.00	30.22 1.08 0.00	35.88 1.27 0.00	45.93 1.62 0.00	53.65 1.86 0.00	45.64 1.59 0.00	59.13 2.24 -0.05	61.30 2.42 -0.37	84.65 3.52 -1.19	100.99 4.57 -3.35	311.59 17.20 -5.57	664.13 46.06 -9.02	394.71 33.67 -7.31	300.66 8.50 -211.96	403.46 9.73 -301.65	158.02 7.95 -61.94	60.94 3.76 -0.46
CASSADAGA_WT_PWR 323784	42.04 2.21 0.00	33.23 0.31 0.00	31.01 -0.16 0.00	30.05 -0.32 0.00	32.13 -0.32 0.00	35.69 -0.70 0.00	31.60 -0.87 0.00	32.54 -0.40 0.00	29.45 0.31 0.00	36.36 1.89 0.15	47.73 3.42 0.00	55.87 4.08 0.00	47.36 3.31 0.00	61.81 4.96 0.00	63.65 5.15 0.00	86.64 6.70 0.00	99.24 6.17 0.00	302.17 13.35 0.00	638.40 29.36 0.00	368.55 14.81 0.00	83.97 3.76 0.00	97.63 5.56 0.00	93.87 5.73 0.00	59.68 2.94 0.00
CE_DUNWOOD___DRP 24194	40.63 0.59 -0.21	33.51 0.59 0.00	31.78 0.61 0.00	30.97 0.60 0.00	33.05 0.60 0.00	37.02 0.63 0.00	33.02 0.55 0.00	33.59 0.64 0.00	30.89 0.72 -1.03	35.31 0.69 0.00	45.66 0.88 -0.48	52.74 0.95 0.00	119.29 0.86 -74.38	57.72 0.87 0.00	59.35 0.86 0.00	81.06 1.12 0.00	94.78 1.71 0.00	295.85 7.03 0.00	621.76 12.71 0.00	366.97 5.15 -8.08	80.62 0.41 0.00	92.39 0.32 0.00	88.56 0.43 0.00	57.38 0.65 0.00
CE_MILLWOOD___DRP 24193	40.56 0.52 -0.21	33.44 0.52 0.00	31.73 0.56 0.00	30.92 0.55 0.00	33.01 0.56 0.00	36.97 0.58 0.00	32.97 0.51 0.00	33.54 0.60 0.00	30.88 0.67 -1.08	35.23 0.62 0.00	45.56 0.76 -0.50	52.62 0.83 0.00	118.70 0.75 -73.91	57.59 0.74 0.00	59.24 0.74 0.00	80.90 0.96 0.00	94.59 1.52 0.00	295.35 6.53 0.00	620.66 11.62 0.00	366.35 4.56 -8.06	80.50 0.29 0.00	92.23 0.16 0.00	88.44 0.31 0.00	57.28 0.55 0.00
CE_NYC2_DRP 24202	40.81 0.77 -0.21	33.61 0.69 0.00	31.87 0.69 0.00	31.03 0.66 0.00	33.10 0.65 0.00	37.08 0.69 0.00	33.08 0.62 0.00	33.71 0.76 0.00	30.96 0.87 -0.96	35.49 0.87 0.00	45.76 1.01 -0.45	52.95 1.16 0.00	119.72 1.10 -74.57	57.81 0.96 0.00	59.45 0.95 0.00	81.15 1.21 0.00	94.94 1.87 0.00	296.53 7.71 0.00	622.12 13.07 0.00	367.14 5.30 -8.10	80.54 0.33 0.00	92.14 0.07 0.00	88.35 0.22 0.00	57.49 0.75 0.00
CE_NYC_DRP 24195	40.81 0.76 -0.21	33.64 0.72 0.00	31.89 0.72 0.00	31.06 0.69 0.00	33.13 0.68 0.00	37.10 0.71 0.00	33.09 0.63 0.00	33.71 0.76 0.00	30.97 0.87 -0.96	35.49 0.88 0.00	45.84 1.09 -0.45	53.00 1.20 0.00	119.71 1.09 -74.57	57.95 1.10 0.00	59.59 1.09 0.00	81.37 1.43 0.00	95.15 2.08 0.00	296.96 8.14 0.00	623.46 14.42 0.00	367.83 6.00 -8.10	80.79 0.58 0.00	92.53 0.46 0.00	88.70 0.57 0.00	57.51 0.78 0.00
CHAFFEE___LFGE 323603	41.49 1.66 0.00	33.60 0.68 0.00	31.37 0.20 0.00	30.41 0.03 0.00	32.53 0.09 0.00	36.16 -0.23 0.00	31.96 -0.50 0.00	32.78 -0.17 0.00	29.49 0.35 0.00	36.18 1.70 0.14	47.32 3.02 0.00	55.41 3.62 0.00	46.95 2.90 0.00	61.19 4.34 0.00	63.06 4.56 0.00	85.81 5.87 0.00	98.31 5.24 0.00	297.58 8.76 0.00	626.01 16.96 0.00	361.98 8.24 0.00	82.35 2.14 0.00	96.15 4.08 0.00	92.69 4.56 0.00	59.25 2.53 0.00
CHATEAUG_35_KV_LOAD 355732	40.23 0.40 0.00	33.28 0.36 0.00	31.52 0.35 0.00	30.56 0.19 0.00	32.63 0.19 0.00	36.69 0.30 0.00	32.86 0.39 0.00	33.35 0.40 0.00	29.54 0.40 0.00	35.24 0.63 0.00	45.08 0.77 0.00	52.81 1.02 0.00	44.75 0.70 0.00	57.64 0.79 0.00	59.22 0.72 0.00	80.99 1.04 0.00	94.31 1.24 0.00	290.86 2.03 0.00	614.56 5.52 0.00	358.57 4.84 0.00	-59.63 2.07 141.90	-113.74 2.28 208.09	32.82 1.27 56.57	57.67 0.72 -0.22
CHATEAUG_WT_PWR 323614	40.16 0.33 0.00	33.21 0.29 0.00	31.47 0.29 0.00	30.51 0.14 0.00	32.60 0.15 0.00	36.63 0.24 0.00	32.78 0.32 0.00	33.28 0.34 0.00	29.47 0.34 0.00	35.15 0.54 0.00	44.99 0.69 0.00	52.77 0.97 0.00	44.72 0.67 0.00	57.59 0.75 0.00	59.17 0.67 0.00	80.93 0.98 0.00	94.28 1.21 0.00	290.87 2.04 0.00	614.40 5.36 0.00	357.58 3.85 0.00	-5.61 1.72 87.53	-33.81 1.87 127.75	55.63 0.93 33.43	57.35 0.53 -0.09
CHAT_HIGH_FALL_HYD 323578	40.23 0.40 0.00	33.28 0.36 0.00	31.52 0.35 0.00	30.56 0.19 0.00	32.63 0.19 0.00	36.69 0.30 0.00	32.86 0.39 0.00	33.35 0.40 0.00	29.54 0.40 0.00	35.24 0.63 0.00	45.08 0.77 0.00	52.81 1.02 0.00	44.75 0.70 0.00	57.64 0.79 0.00	59.22 0.72 0.00	80.99 1.04 0.00	94.31 1.24 0.00	290.86 2.03 0.00	614.56 5.52 0.00	358.57 4.84 0.00	-59.63 2.07 141.90	-113.74 2.28 208.09	32.82 1.27 56.57	57.67 0.72 -0.22
CHAUTAUQUA___LFGE 323629	41.61 1.78 0.00	33.35 0.43 0.00	31.10 -0.07 0.00	30.16 -0.21 0.00	32.24 -0.20 0.00	35.87 -0.52 0.00	31.69 -0.78 0.00	32.59 -0.36 0.00	29.31 0.18 0.00	36.03 1.56 0.14	47.22 2.91 0.00	55.27 3.47 0.00	46.82 2.77 0.00	61.06 4.21 0.00	62.90 4.40 0.00	85.65 5.71 0.00	98.00 4.93 0.00	297.87 9.04 0.00	628.27 19.22 0.00	363.39 9.65 0.00	82.81 2.60 0.00	96.38 4.32 0.00	92.87 4.74 0.00	59.18 2.46 0.00
CHERRYST_13_KV_LD 356241	40.93 0.88 -0.21	33.73 0.81 0.00	31.98 0.81 0.00	31.14 0.77 0.00	33.22 0.77 0.00	37.19 0.80 0.00	33.18 0.72 0.00	33.81 0.86 0.00	31.06 0.96 -0.96	35.61 1.00 0.00	45.99 1.24 -0.45	53.19 1.40 0.00	119.88 1.26 -74.57	58.18 1.33 0.00	59.81 1.31 0.00	81.69 1.74 0.00	95.52 2.45 0.00	298.11 9.29 0.00	625.84 16.80 0.00	369.10 7.26 -8.10	81.09 0.88 0.00	92.86 0.79 0.00	89.00 0.87 0.00	57.70 0.97 0.00

CHESTROR_138KV_BK263 355645	40.38 0.37 -0.18	33.30 0.38 0.00	31.59 0.41 0.00	30.78 0.41 0.00	32.87 0.42 0.00	36.82 0.43 0.00	32.84 0.38 0.00	33.38 0.43 0.00	28.53 0.46 1.07	35.01 0.39 0.00	44.26 0.45 0.50	52.27 0.47 0.00	108.06 0.45 -63.55	57.29 0.44 0.00	58.98 0.48 0.00	80.57 0.62 0.00	94.21 1.14 0.00	294.15 5.33 0.00	618.88 9.84 0.00	365.02 3.78 -7.50	80.39 0.18 0.00	92.13 0.06 0.00	88.34 0.21 0.00	57.11 0.38 0.00
CH_MIDHUDSON___DRP 24192	40.53 0.54 -0.15	33.46 0.54 0.00	31.76 0.58 0.00	30.97 0.59 0.00	33.06 0.61 0.00	37.05 0.66 0.00	33.06 0.60 0.00	33.61 0.66 0.00	29.82 0.68 0.00	35.21 0.60 0.00	45.04 0.73 0.00	52.57 0.78 0.00	98.49 0.74 -53.70	57.69 0.84 0.00	59.38 0.88 0.00	81.13 1.19 0.00	94.95 1.88 0.00	296.87 8.05 0.00	624.67 15.63 0.00	369.28 6.96 -8.59	81.02 0.82 0.00	92.82 0.75 0.00	88.90 0.77 0.00	57.47 0.74 0.00
CH_MISC_IPPS 23765	40.82 0.83 -0.17	33.69 0.77 0.00	31.95 0.78 0.00	31.14 0.77 0.00	33.25 0.80 0.00	37.24 0.85 0.00	33.22 0.76 0.00	33.78 0.84 0.00	29.98 0.85 0.00	35.45 0.83 0.00	45.36 1.05 0.00	53.02 1.22 0.00	104.02 1.15 -58.82	58.24 1.39 0.00	59.95 1.45 0.00	81.97 2.02 0.00	95.97 2.90 0.00	299.89 11.07 0.00	630.88 21.83 0.00	372.64 10.51 -8.40	81.81 1.60 0.00	93.70 1.64 0.00	89.66 1.53 0.00	57.94 1.21 0.00
CH_RES_BVR_FALLS 23983	39.91 0.08 0.00	32.96 0.04 0.00	31.10 -0.08 0.00	30.24 -0.13 0.00	32.30 -0.15 0.00	36.25 -0.13 0.00	32.43 -0.03 0.00	32.96 0.01 0.00	29.15 0.01 0.00	34.73 0.12 0.00	44.47 0.17 0.00	52.00 0.21 0.00	44.19 0.14 0.00	56.99 0.14 0.00	58.62 0.12 0.00	80.12 0.18 0.00	93.26 0.18 0.00	288.82 0.00 0.00	608.97 -0.07 0.00	354.16 0.43 0.00	62.11 0.39 18.50	65.72 0.40 26.76	81.81 0.16 6.49	56.68 -0.04 0.00
CH_RES_NIAGARA 23895	40.63 0.80 0.00	32.92 0.00 0.00	30.76 -0.41 0.00	29.81 -0.57 0.00	31.93 -0.51 0.00	35.44 -0.95 0.00	31.27 -1.19 0.00	32.11 -0.84 0.00	28.96 -0.18 0.00	35.72 1.11 0.00	46.53 2.22 0.00	54.41 2.61 0.00	45.99 1.94 0.00	59.80 2.95 0.00	61.66 3.16 0.00	83.80 3.85 0.00	95.52 2.45 0.00	287.12 -1.70 0.00	597.40 -11.64 0.00	345.45 -8.28 0.00	79.06 -1.15 0.00	93.27 1.20 0.00	90.10 1.97 0.00	58.10 1.37 0.00
CH_RES_SYRACUSE 23985	39.86 0.04 0.00	32.80 -0.12 0.00	30.97 -0.20 0.00	30.17 -0.20 0.00	32.20 -0.25 0.00	36.07 -0.32 0.00	32.10 -0.37 0.00	32.59 -0.36 0.00	28.83 -0.31 0.00	34.43 -0.18 0.00	44.30 -0.01 0.00	51.88 0.09 0.00	44.19 0.14 0.00	57.25 0.32 -0.07	59.55 0.48 -0.57	82.48 0.70 -1.83	99.00 0.76 -5.17	299.70 2.29 -8.59	628.05 5.09 -13.92	368.03 3.01 -11.28	94.65 0.61 -13.83	113.89 0.66 -21.16	95.61 0.56 -6.92	56.90 0.17 0.00
CLINTON_WT_PWR 323605	40.16 0.33 0.00	33.21 0.29 0.00	31.47 0.29 0.00	30.51 0.14 0.00	32.60 0.15 0.00	36.63 0.24 0.00	32.78 0.32 0.00	33.28 0.34 0.00	29.47 0.34 0.00	35.15 0.54 0.00	44.99 0.69 0.00	52.77 0.97 0.00	44.72 0.67 0.00	57.59 0.75 0.00	59.17 0.67 0.00	80.93 0.98 0.00	94.28 1.21 0.00	290.87 2.04 0.00	614.40 5.36 0.00	357.58 3.85 0.00	-5.61 1.72 87.53	-33.81 1.87 127.75	55.63 0.93 33.43	57.35 0.53 -0.09
CLINTON___LFGE 323618	40.62 0.79 0.00	33.58 0.66 0.00	31.82 0.64 0.00	30.85 0.48 0.00	32.93 0.49 0.00	37.01 0.62 0.00	33.11 0.64 0.00	33.59 0.64 0.00	29.71 0.58 0.00	35.51 0.89 0.00	45.44 1.14 0.00	53.26 1.47 0.00	45.03 0.98 0.00	57.96 1.10 0.00	59.57 1.07 0.00	81.44 1.50 0.00	95.10 2.03 0.00	293.41 4.59 0.00	622.12 13.08 0.00	362.18 8.44 0.00	-18.79 -2.86 101.86	-53.65 3.21 148.92	50.61 2.00 39.53	58.01 1.15 -0.13
COBBLENY_34_KV_TB1 80064	41.49 1.66 0.00	33.60 0.68 0.00	31.37 0.20 0.00	30.41 0.04 0.00	32.54 0.09 0.00	36.16 -0.23 0.00	31.96 -0.50 0.00	32.78 -0.17 0.00	29.49 0.35 0.00	36.32 1.71 0.00	47.32 3.02 0.00	55.41 3.62 0.00	46.96 2.91 0.00	61.19 4.34 0.00	63.06 4.57 0.00	85.81 5.86 0.00	98.31 5.24 0.00	297.60 8.77 0.00	626.01 16.97 0.00	361.96 8.23 0.00	82.36 2.15 0.00	96.16 4.09 0.00	92.63 4.50 0.00	59.26 2.53 0.00
COFFEEN___115KV_TB3 355620	43.36 3.53 0.00	35.32 2.40 0.00	32.54 1.37 0.00	31.30 0.92 0.00	33.36 0.91 0.00	37.62 1.24 0.00	33.80 1.34 0.00	34.43 1.48 0.00	30.38 1.24 0.00	35.98 1.36 0.00	46.10 1.79 0.00	53.83 2.04 0.00	45.86 1.81 -0.06	59.52 2.61 -0.45	61.82 2.87 -1.45	85.51 4.12 -1.45	102.57 5.41 -4.08	315.45 19.83 -6.79	674.95 54.90 -11.00	402.86 40.20 -8.92	265.22 10.00 -175.01	352.80 11.37 -249.36	149.10 9.30 -51.67	61.56 4.45 -0.37
COLDSPRG_115KV_BK1 355956	42.05 2.23 0.00	33.81 0.89 0.00	31.61 0.43 0.00	30.67 0.30 0.00	32.76 0.31 0.00	36.45 0.06 0.00	32.25 -0.21 0.00	33.11 0.16 0.00	29.78 0.64 0.00	36.68 2.06 0.00	47.82 3.51 0.00	55.86 4.07 0.00	47.27 3.22 0.00	61.66 4.81 0.00	63.39 4.89 0.00	86.09 6.15 0.00	98.73 5.66 0.00	300.62 11.80 0.00	636.36 27.32 0.00	369.25 15.51 0.00	83.79 3.58 0.00	97.20 5.14 0.00	93.55 5.41 0.00	59.62 2.89 0.00
COLONIE_LFGE___ 323577	40.14 0.56 0.25	33.47 0.55 0.00	31.90 0.73 0.00	31.19 0.82 0.00	33.36 0.91 0.00	37.41 1.01 0.00	33.34 0.88 0.00	33.78 0.83 0.00	29.79 0.65 0.00	35.06 0.44 0.00	44.57 0.26 0.00	51.90 0.11 0.00	-43.21 0.15 87.41	57.12 0.28 0.00	58.73 0.23 0.00	80.40 0.45 0.00	94.17 1.10 0.00	295.29 6.46 0.00	624.29 15.24 0.00	431.19 8.65 -68.80	81.33 1.13 0.00	93.56 1.49 0.00	89.47 1.34 0.00	57.70 0.97 0.00
COOPERNY_115KV_TB1 80082	40.21 0.26 -0.13	33.19 0.27 0.00	31.47 0.30 0.00	30.69 0.31 0.00	32.75 0.31 0.00	36.70 0.32 0.00	32.73 0.27 0.00	33.25 0.30 0.00	28.96 0.32 0.50	34.90 0.28 0.00	44.40 0.33 0.23	52.14 0.34 0.00	88.20 0.35 -43.81	57.20 0.35 0.00	58.86 0.36 0.00	80.39 0.44 0.00	93.87 0.80 0.00	292.48 3.65 0.00	615.91 6.87 0.00	362.40 2.46 -6.20	80.28 0.07 0.00	92.04 -0.03 0.00	88.26 0.12 0.00	56.98 0.25 0.00
COPENHAGEN_WT_PWR 323753	42.64 2.82 0.00	34.71 1.80 0.00	31.84 0.67 0.00	30.55 0.19 0.00	32.57 0.12 0.00	36.78 0.39 0.00	33.12 0.66 0.00	33.83 0.88 0.00	29.95 0.81 0.00	35.62 1.01 0.00	45.71 1.41 0.00	53.42 1.63 0.00	45.49 1.44 0.00	58.99 2.08 -0.06	61.27 2.29 -0.47	84.71 3.25 -1.52	101.63 4.27 -4.28	311.73 15.79 -7.12	664.69 44.11 -11.54	395.47 32.39 -9.35	253.49 8.13 -165.15	336.75 9.27 -235.41	144.42 7.35 -48.93	60.16 3.08 -0.35
CORNELL_____ 23752	40.70 0.87 0.00	33.47 0.55 0.00	31.58 0.40 0.00	30.75 0.38 0.00	32.81 0.37 0.00	36.75 0.36 0.00	32.68 0.22 0.00	33.16 0.21 0.00	29.24 0.10 0.00	34.84 0.22 0.00	44.74 0.43 0.00	52.30 0.50 0.00	44.51 0.46 0.00	57.67 0.78 -0.04	59.79 0.98 -0.31	82.32 1.38 -1.00	97.51 1.61 -2.83	298.78 5.25 -4.70	632.72 16.06 -7.62	373.50 11.11 -8.65	82.91 2.55 -0.15	95.78 2.86 -0.85	91.89 2.57 -1.19	58.06 1.33 0.00

CORONA__69_KV_TB1 355595	41.01 0.97 -0.21	33.89 0.97 0.00	32.11 0.94 0.00	31.21 0.83 0.00	33.24 0.79 0.00	37.26 0.87 0.00	33.17 0.71 0.00	33.80 0.85 0.00	31.10 1.01 -0.95	35.60 0.99 0.00	48.57 1.90 -2.37	53.85 2.05 0.00	122.27 1.69 -76.53	58.45 1.60 0.00	59.91 1.41 0.00	81.77 1.83 0.00	95.42 2.35 0.00	300.28 7.38 -4.08	607.80 12.57 13.81	352.62 5.04 6.15	80.85 0.64 0.00	92.87 0.80 0.00	88.91 0.78 0.00	57.77 1.04 0.00
CORTLAND__115KV_TB3 80093	40.26 0.43 0.00	33.15 0.23 0.00	31.31 0.13 0.00	30.50 0.13 0.00	32.56 0.11 0.00	36.46 0.07 0.00	32.46 0.00 0.00	32.96 0.01 0.00	29.10 -0.04 0.00	34.67 0.06 0.00	44.53 0.23 0.00	52.08 0.29 0.00	44.34 0.29 0.00	57.46 0.57 -0.04	59.53 0.71 -0.33	81.94 0.95 -1.05	97.10 1.08 -2.95	297.28 3.54 -4.91	627.23 10.23 -7.95	366.69 6.50 -6.45	81.83 1.46 -0.16	94.61 1.65 -0.89	90.83 1.46 -1.24	57.43 0.70 0.00
COXSACKIE__GT 23611	41.55 1.79 0.07	34.37 1.46 0.00	32.65 1.48 0.00	31.87 1.50 0.00	34.10 1.65 0.00	38.23 1.84 0.00	34.09 1.63 0.00	34.53 1.58 0.00	30.28 1.15 0.00	35.38 0.76 0.00	45.03 0.73 0.00	52.48 0.69 0.00	20.16 0.71 24.60	57.84 0.99 0.00	59.67 1.17 0.00	81.71 1.77 0.00	95.72 2.64 0.00	302.02 13.20 0.00	644.74 35.70 0.00	407.84 22.71 -31.40	85.00 4.79 0.00	97.46 5.40 0.00	92.88 4.74 0.00	59.58 2.85 0.00
CPV_VALLEY__CC1 323721	40.10 0.11 -0.16	33.11 0.19 0.00	31.40 0.23 0.00	30.61 0.24 0.00	32.69 0.24 0.00	36.62 0.23 0.00	32.66 0.20 0.00	33.19 0.25 0.00	28.74 0.30 0.70	34.83 0.21 0.00	44.17 0.19 0.33	51.97 0.18 0.00	100.86 0.19 -56.62	56.95 0.10 0.00	58.60 0.10 0.00	80.03 0.09 0.00	93.51 0.44 0.00	291.83 3.01 0.00	613.86 4.82 0.00	361.65 0.96 -6.96	79.81 -0.40 0.00	91.47 -0.60 0.00	87.73 -0.40 0.00	56.73 0.00 0.00
CPV_VALLEY__CC2 323722	40.10 0.11 -0.16	33.11 0.19 0.00	31.40 0.23 0.00	30.61 0.24 0.00	32.69 0.24 0.00	36.62 0.23 0.00	32.66 0.20 0.00	33.19 0.25 0.00	28.74 0.30 0.70	34.83 0.21 0.00	44.17 0.19 0.33	51.97 0.18 0.00	100.86 0.19 -56.62	56.95 0.10 0.00	58.60 0.10 0.00	80.03 0.09 0.00	93.51 0.44 0.00	291.83 3.01 0.00	613.86 4.82 0.00	361.65 0.96 -6.96	79.81 -0.40 0.00	91.47 -0.60 0.00	87.73 -0.40 0.00	56.73 0.00 0.00
CRESCENT__HYD 24018	40.14 0.56 0.25	33.47 0.55 0.00	31.90 0.73 0.00	31.19 0.82 0.00	33.36 0.91 0.00	37.41 1.01 0.00	33.34 0.88 0.00	33.78 0.83 0.00	29.79 0.65 0.00	35.06 0.44 0.00	44.57 0.26 0.00	51.90 0.11 0.00	-43.21 0.15 87.41	57.12 0.28 0.00	58.73 0.23 0.00	80.40 0.45 0.00	94.17 1.10 0.00	295.29 6.46 0.00	624.29 15.24 0.00	431.19 8.65 -68.80	81.33 1.13 0.00	93.56 1.49 0.00	89.47 1.34 0.00	57.70 0.97 0.00
CRICKET__VALLEY_CC1 323756	36.97 -0.12 2.74	32.96 0.05 0.00	31.33 0.15 0.00	30.57 0.20 0.00	32.65 0.21 0.00	36.62 0.23 0.00	32.70 0.24 0.00	33.23 0.29 0.00	29.83 0.33 -0.37	34.71 0.10 0.00	44.48 0.00 -0.17	51.60 -0.19 0.00	-907.24 -0.17 951.12	56.56 -0.29 0.00	58.18 -0.32 0.00	79.46 -0.48 0.00	93.13 0.06 0.00	291.69 2.87 0.00	614.89 5.85 0.00	364.92 1.37 -9.82	79.65 -0.56 0.00	91.26 -0.81 0.00	87.38 -0.75 0.00	56.55 -0.18 0.00
CRICKET__VALLEY_CC2 323757	36.97 -0.12 2.74	32.96 0.05 0.00	31.33 0.15 0.00	30.57 0.20 0.00	32.65 0.21 0.00	36.62 0.23 0.00	32.70 0.24 0.00	33.23 0.29 0.00	29.83 0.33 -0.37	34.71 0.10 0.00	44.48 0.00 -0.17	51.60 -0.19 0.00	-907.24 -0.17 951.12	56.56 -0.29 0.00	58.18 -0.32 0.00	79.46 -0.48 0.00	93.13 0.06 0.00	291.69 2.87 0.00	614.89 5.85 0.00	364.92 1.37 -9.82	79.65 -0.56 0.00	91.26 -0.81 0.00	87.38 -0.75 0.00	56.55 -0.18 0.00
CRICKET__VALLEY_CC3 323758	36.97 -0.12 2.74	32.96 0.05 0.00	31.33 0.15 0.00	30.57 0.20 0.00	32.65 0.21 0.00	36.62 0.23 0.00	32.70 0.24 0.00	33.23 0.29 0.00	29.83 0.33 -0.37	34.71 0.10 0.00	44.48 0.00 -0.17	51.60 -0.19 0.00	-907.24 -0.17 951.12	56.56 -0.29 0.00	58.18 -0.32 0.00	79.46 -0.48 0.00	93.13 0.06 0.00	291.69 2.87 0.00	614.89 5.85 0.00	364.92 1.37 -9.82	79.65 -0.56 0.00	91.26 -0.81 0.00	87.38 -0.75 0.00	56.55 -0.18 0.00
CRUCIBLE__METL_DRP 24180	39.86 0.03 0.00	32.80 -0.12 0.00	30.97 -0.20 0.00	30.17 -0.21 0.00	32.20 -0.25 0.00	36.07 -0.32 0.00	32.10 -0.37 0.00	32.59 -0.35 0.00	28.83 -0.31 0.00	34.43 -0.18 0.00	44.30 -0.01 0.00	51.88 0.09 0.00	44.19 0.14 0.00	57.24 0.32 -0.07	59.55 0.48 -0.57	82.48 0.71 -1.83	99.00 0.76 -5.17	299.70 2.28 -8.59	628.06 5.10 -13.92	368.03 3.01 -11.28	94.66 0.62 -13.83	113.89 0.66 -21.16	95.61 0.56 -6.92	56.90 0.17 0.00
DAHOWA__HYDRO 323763	41.05 1.43 0.20	34.11 1.19 0.00	32.43 1.26 0.00	31.67 1.30 0.00	33.86 1.41 0.00	37.98 1.59 0.00	33.81 1.35 0.00	34.25 1.30 0.00	30.20 1.06 0.00	35.57 0.95 0.00	45.15 0.84 0.00	52.49 0.70 0.00	-26.35 0.79 71.18	57.97 1.12 0.00	59.69 1.18 0.00	81.83 1.89 0.00	96.28 3.20 0.00	302.98 14.15 0.00	644.62 35.58 0.00	454.63 20.58 -80.31	83.98 3.78 0.00	96.29 4.22 0.00	91.69 3.55 0.00	58.98 2.25 0.00
DANC__LFGE 323619	41.43 1.60 0.00	33.85 0.93 0.00	31.40 0.22 0.00	30.29 -0.08 0.00	32.31 -0.14 0.00	36.38 -0.01 0.00	32.62 0.16 0.00	33.24 0.29 0.00	29.41 0.28 0.00	35.01 0.40 0.00	44.93 0.63 0.00	52.53 0.74 0.00	44.74 0.69 0.00	58.00 1.08 -0.07	60.31 1.22 -0.59	83.62 1.78 -1.90	100.72 2.29 -5.36	306.33 8.59 -8.92	648.39 24.91 -14.44	384.32 18.88 -11.71	196.11 4.85 -111.05	256.49 5.56 -158.86	126.36 4.31 -33.91	58.69 1.72 -0.24
DANSKAMMER__1 23586	40.82 0.83 -0.17	33.69 0.77 0.00	31.95 0.78 0.00	31.14 0.77 0.00	33.25 0.80 0.00	37.24 0.85 0.00	33.22 0.76 0.00	33.78 0.84 0.00	29.98 0.85 0.00	35.45 0.83 0.00	45.36 1.05 0.00	53.02 1.22 0.00	104.02 1.15 -58.82	58.24 1.39 0.00	59.95 1.45 0.00	81.97 2.02 0.00	95.97 2.90 0.00	299.89 11.07 0.00	630.88 21.83 0.00	372.64 10.51 -8.40	81.81 1.60 0.00	93.70 1.64 0.00	89.66 1.53 0.00	57.94 1.21 0.00
DANSKAMMER__2 23589	40.82 0.83 -0.17	33.69 0.77 0.00	31.95 0.78 0.00	31.14 0.77 0.00	33.25 0.80 0.00	37.24 0.85 0.00	33.22 0.76 0.00	33.78 0.84 0.00	29.98 0.85 0.00	35.45 0.83 0.00	45.36 1.05 0.00	53.02 1.22 0.00	104.02 1.15 -58.82	58.24 1.39 0.00	59.95 1.45 0.00	81.97 2.02 0.00	95.97 2.90 0.00	299.89 11.07 0.00	630.88 21.83 0.00	372.64 10.51 -8.40	81.81 1.60 0.00	93.70 1.64 0.00	89.66 1.53 0.00	57.94 1.21 0.00
DANSKAMMER__3 23590	40.82 0.83 -0.17	33.69 0.77 0.00	31.95 0.78 0.00	31.14 0.77 0.00	33.25 0.80 0.00	37.24 0.85 0.00	33.22 0.76 0.00	33.78 0.84 0.00	29.98 0.85 0.00	35.45 0.83 0.00	45.36 1.05 0.00	53.02 1.22 0.00	104.02 1.15 -58.82	58.24 1.39 0.00	59.95 1.45 0.00	81.97 2.02 0.00	95.97 2.90 0.00	299.89 11.07 0.00	630.88 21.83 0.00	372.64 10.51 -8.40	81.81 1.60 0.00	93.70 1.64 0.00	89.66 1.53 0.00	57.94 1.21 0.00

DANSKAMMER___4 23591	40.82 0.83 -0.17	33.69 0.77 0.00	31.95 0.78 0.00	31.14 0.77 0.00	33.25 0.80 0.00	37.24 0.85 0.00	33.22 0.76 0.00	33.78 0.84 0.00	29.98 0.85 0.00	35.45 0.83 0.00	45.36 1.05 0.00	53.02 1.22 0.00	104.02 1.15 -58.82	58.24 1.39 0.00	59.95 1.45 0.00	81.97 2.02 0.00	95.97 2.90 0.00	299.89 11.07 0.00	630.88 21.83 0.00	372.64 10.51 -8.40	81.81 1.60 0.00	93.70 1.64 0.00	89.66 1.53 0.00	57.94 1.21 0.00
DANSKAMMER___DIESEL 23592	40.83 0.83 -0.17	33.69 0.77 0.00	31.95 0.78 0.00	31.14 0.77 0.00	33.25 0.80 0.00	37.24 0.85 0.00	33.22 0.76 0.00	33.78 0.84 0.00	29.98 0.85 0.00	35.45 0.83 0.00	45.37 1.06 0.00	53.02 1.22 0.00	104.01 1.14 -58.82	58.24 1.39 0.00	59.95 1.45 0.00	81.97 2.03 0.00	95.97 2.90 0.00	299.89 11.07 0.00	631.02 21.98 0.00	372.64 10.51 -8.40	81.81 1.60 0.00	93.71 1.64 0.00	89.70 1.57 0.00	57.94 1.21 0.00
DARBY___SOLAR 323810	40.83 1.22 0.21	33.95 1.03 0.00	32.29 1.12 0.00	31.53 1.16 0.00	33.72 1.27 0.00	37.81 1.42 0.00	33.67 1.21 0.00	34.10 1.15 0.00	30.07 0.93 0.00	35.39 0.78 0.00	44.95 0.64 0.00	52.28 0.49 0.00	-29.39 0.59 74.02	57.67 0.82 0.00	59.39 0.89 0.00	81.40 1.46 0.00	95.67 2.60 0.00	300.99 12.16 0.00	639.55 30.51 0.00	450.30 17.65 -78.92	83.36 3.15 0.00	95.61 3.55 0.00	91.16 3.02 0.00	58.68 1.95 0.00
DASHVILLE___HYD 23610	40.26 0.33 -0.10	33.26 0.34 0.00	31.56 0.39 0.00	30.78 0.41 0.00	32.87 0.42 0.00	36.83 0.44 0.00	32.87 0.40 0.00	33.41 0.46 0.00	29.63 0.49 0.00	35.00 0.39 0.00	44.76 0.46 0.00	52.28 0.49 0.00	80.22 0.49 -35.68	57.33 0.48 0.00	59.00 0.50 0.00	80.63 0.68 0.00	94.27 1.20 0.00	294.68 5.86 0.00	620.08 11.04 0.00	370.50 3.66 -13.10	80.56 0.35 0.00	92.27 0.20 0.00	88.44 0.31 0.00	57.18 0.45 0.00
DELAWARE___LFGE 323621	40.38 0.56 0.00	33.39 0.47 0.00	31.66 0.49 0.00	30.88 0.51 0.00	32.98 0.53 0.00	37.00 0.61 0.00	32.98 0.51 0.00	33.43 0.49 0.00	29.53 0.39 0.00	35.07 0.46 0.00	44.97 0.67 0.00	52.56 0.77 0.00	44.74 0.69 0.00	57.76 0.90 -0.01	59.58 0.97 -0.11	81.48 1.19 -0.35	95.44 1.37 -0.99	294.80 4.32 -1.65	621.14 9.43 -2.68	372.15 4.72 -13.69	81.11 0.85 -0.05	93.32 0.95 -0.30	89.60 1.05 -0.42	57.41 0.68 0.00
DERFIELD_115KV_TB7 355931	39.80 -0.03 0.00	32.89 -0.03 0.00	31.17 0.00 0.00	30.38 0.01 0.00	32.45 0.00 0.00	36.41 0.02 0.00	32.46 0.00 0.00	32.95 0.00 0.00	29.10 -0.04 0.00	34.51 -0.11 0.00	44.15 -0.16 0.00	51.58 -0.21 0.00	43.91 -0.14 0.00	56.68 -0.17 0.00	58.32 -0.18 0.00	79.71 -0.23 0.00	92.88 -0.19 0.00	288.96 0.14 0.00	609.83 0.79 0.00	354.06 0.32 0.00	80.12 -0.09 0.00	91.98 -0.09 0.00	88.04 -0.09 0.00	56.67 -0.06 0.00
DOGLEVILLE___HYD 23807	40.40 0.57 0.00	33.47 0.55 0.00	31.94 0.77 0.00	31.26 0.89 0.00	33.39 0.94 0.00	37.46 1.07 0.00	33.33 0.87 0.00	33.51 0.56 0.00	29.10 -0.04 0.00	33.93 -0.68 0.00	43.08 -1.22 0.00	50.19 -1.61 0.00	43.35 -0.70 0.00	55.54 -1.31 0.00	57.33 -1.17 0.00	78.62 -1.32 0.00	92.57 -0.50 0.00	292.73 3.91 0.00	628.15 19.10 0.00	367.23 13.50 0.00	82.56 2.35 0.00	94.77 2.70 0.00	90.27 2.14 0.00	57.89 1.16 0.00
DUNKIRK___115KV_TB_200 55889	41.54 1.71 0.00	33.35 0.43 0.00	31.11 -0.06 0.00	30.18 -0.19 0.00	32.27 -0.18 0.00	35.90 -0.49 0.00	31.72 -0.74 0.00	32.59 -0.36 0.00	29.30 0.16 0.00	36.13 1.51 0.00	47.14 2.84 0.00	55.17 3.38 0.00	46.75 2.70 0.00	60.95 4.10 0.00	62.80 4.30 0.00	85.48 5.53 0.00	97.83 4.76 0.00	297.24 8.42 0.00	626.81 17.77 0.00	362.53 8.79 0.00	82.59 2.38 0.00	96.18 4.11 0.00	92.66 4.53 0.00	59.08 2.35 0.00
DUNKIRK___1 23563	41.54 1.71 0.00	33.35 0.43 0.00	31.11 -0.06 0.00	30.18 -0.19 0.00	32.27 -0.18 0.00	35.90 -0.49 0.00	31.72 -0.74 0.00	32.59 -0.36 0.00	29.30 0.16 0.00	36.13 1.51 0.00	47.14 2.84 0.00	55.17 3.38 0.00	46.75 2.70 0.00	60.95 4.10 0.00	62.80 4.30 0.00	85.48 5.53 0.00	97.83 4.76 0.00	297.24 8.42 0.00	626.81 17.77 0.00	362.53 8.79 0.00	82.59 2.38 0.00	96.18 4.11 0.00	92.66 4.53 0.00	59.08 2.35 0.00
DUNKIRK___2 23564	41.54 1.71 0.00	33.35 0.43 0.00	31.11 -0.06 0.00	30.18 -0.19 0.00	32.27 -0.18 0.00	35.90 -0.49 0.00	31.72 -0.74 0.00	32.59 -0.36 0.00	29.30 0.16 0.00	36.13 1.51 0.00	47.14 2.84 0.00	55.17 3.38 0.00	46.75 2.70 0.00	60.95 4.10 0.00	62.80 4.30 0.00	85.48 5.53 0.00	97.83 4.76 0.00	297.24 8.42 0.00	626.81 17.77 0.00	362.53 8.79 0.00	82.59 2.38 0.00	96.18 4.11 0.00	92.66 4.53 0.00	59.08 2.35 0.00
DUNKIRK___3 23565	41.35 1.53 0.00	33.33 0.41 0.00	31.13 -0.05 0.00	30.20 -0.18 0.00	32.28 -0.16 0.00	35.92 -0.46 0.00	31.75 -0.72 0.00	32.58 -0.37 0.00	29.28 0.14 0.00	36.05 1.44 0.00	46.99 2.69 0.00	54.98 3.19 0.00	46.56 2.51 0.00	60.68 3.83 0.00	62.51 4.02 0.00	85.06 5.11 0.00	97.37 4.30 0.00	295.43 6.61 0.00	622.65 13.60 0.00	360.05 6.32 0.00	82.00 1.79 0.00	95.55 3.48 0.00	92.12 3.98 0.00	58.83 2.10 0.00
DUNKIRK___4 23566	41.35 1.53 0.00	33.33 0.41 0.00	31.13 -0.05 0.00	30.20 -0.18 0.00	32.28 -0.16 0.00	35.92 -0.46 0.00	31.75 -0.72 0.00	32.58 -0.37 0.00	29.28 0.14 0.00	36.05 1.44 0.00	46.99 2.69 0.00	54.98 3.19 0.00	46.56 2.51 0.00	60.68 3.83 0.00	62.51 4.02 0.00	85.06 5.11 0.00	97.37 4.30 0.00	295.43 6.61 0.00	622.65 13.60 0.00	360.05 6.32 0.00	82.00 1.79 0.00	95.55 3.48 0.00	92.12 3.98 0.00	58.83 2.10 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.72 0.68 -0.21	33.58 0.66 0.00	31.85 0.68 0.00	31.02 0.65 0.00	33.11 0.66 0.00	37.08 0.70 0.00	33.07 0.61 0.00	33.66 0.71 0.00	30.88 0.79 -0.96	35.39 0.78 0.00	45.75 0.99 -0.45	52.89 1.09 0.00	119.59 0.97 -74.57	57.85 1.00 0.00	59.47 0.97 0.00	81.20 1.25 0.00	94.92 1.85 0.00	296.33 7.51 0.00	622.57 13.53 0.00	367.45 5.62 -8.10	80.77 0.56 0.00	92.55 0.48 0.00	88.72 0.59 0.00	57.49 0.76 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.57 0.57 -0.17	33.47 0.55 0.00	31.74 0.56 0.00	30.94 0.56 0.00	33.02 0.57 0.00	37.00 0.61 0.00	33.00 0.53 0.00	33.55 0.60 0.00	29.40 0.63 0.37	35.20 0.59 0.00	44.84 0.71 0.17	52.57 0.78 0.00	103.53 0.74 -58.74	57.68 0.83 0.00	59.38 0.89 0.00	81.15 1.20 0.00	94.96 1.89 0.00	296.69 7.86 0.00	624.17 15.13 0.00	368.49 6.62 -8.13	81.04 0.83 0.00	92.82 0.75 0.00	88.93 0.80 0.00	57.48 0.75 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.81 0.76 -0.21	33.57 0.65 0.00	31.83 0.65 0.00	30.99 0.62 0.00	33.06 0.61 0.00	37.03 0.64 0.00	33.04 0.58 0.00	33.66 0.72 0.00	30.92 0.83 -0.96	35.41 0.79 0.00	45.71 0.96 -0.45	52.92 1.12 0.00	119.70 1.07 -74.57	57.78 0.92 0.00	59.46 0.96 0.00	81.12 1.17 0.00	94.98 1.91 0.00	296.75 7.93 0.00	622.51 13.47 0.00	367.44 5.61 -8.10	80.60 0.39 0.00	92.16 0.10 0.00	88.43 0.30 0.00	57.59 0.86 0.00

E179THST_13_KV_LOAD 356214	41.04 1.00 -0.21	33.75 0.83 0.00	31.99 0.82 0.00	31.15 0.77 0.00	33.22 0.77 0.00	37.21 0.82 0.00	33.20 0.74 0.00	33.83 0.88 0.00	31.08 0.98 -0.96	35.60 0.98 0.00	45.98 1.23 -0.45	53.24 1.45 0.00	119.98 1.36 -74.57	58.17 1.32 0.00	59.83 1.33 0.00	81.62 1.68 0.00	95.58 2.51 0.00	298.61 9.78 0.00	626.45 17.41 0.00	369.68 7.85 -8.10	81.12 0.92 0.00	92.77 0.70 0.00	89.02 0.88 0.00	57.96 1.23 0.00
EAST HAMPTON___GT 23717	42.86 2.82 -0.21	35.71 2.80 0.00	33.91 2.73 0.00	32.86 2.48 0.00	34.87 2.42 0.00	39.24 2.85 0.00	34.88 2.42 0.00	35.66 2.72 0.00	32.99 2.90 -0.96	37.91 3.29 0.00	52.29 5.61 -2.37	57.90 6.11 0.00	121.03 4.34 -72.64	60.87 4.02 0.00	62.65 4.41 0.25	98.66 5.84 -12.88	96.25 6.30 3.12	296.32 15.98 8.49	226.70 26.42 408.77	226.68 14.28 141.34	63.08 2.16 19.28	75.67 3.43 19.83	59.77 2.52 30.88	58.85 2.12 0.00
EAST RIVER___6 23660	40.88 0.84 -0.21	33.69 0.77 0.00	31.96 0.79 0.00	31.14 0.77 0.00	33.17 0.73 0.00	37.12 0.73 0.00	33.11 0.65 0.00	33.77 0.82 0.00	31.03 0.93 -0.96	35.55 0.93 0.00	45.90 1.15 -0.45	53.10 1.31 0.00	119.82 1.20 -74.57	58.11 1.26 0.00	59.74 1.24 0.00	81.60 1.66 0.00	95.41 2.34 0.00	297.70 8.88 0.00	624.58 15.54 0.00	368.47 6.63 -8.10	80.94 0.73 0.00	92.60 0.54 0.00	88.75 0.62 0.00	57.53 0.80 0.00
EAST RIVER___7 23524	40.88 0.84 -0.21	33.69 0.77 0.00	31.96 0.79 0.00	31.14 0.77 0.00	33.17 0.73 0.00	37.12 0.73 0.00	33.11 0.65 0.00	33.77 0.82 0.00	31.03 0.93 -0.96	35.55 0.93 0.00	45.90 1.15 -0.45	53.10 1.31 0.00	119.82 1.20 -74.57	58.11 1.26 0.00	59.74 1.24 0.00	81.60 1.66 0.00	95.41 2.34 0.00	297.70 8.88 0.00	624.58 15.54 0.00	368.47 6.63 -8.10	80.94 0.73 0.00	92.60 0.54 0.00	88.75 0.62 0.00	57.53 0.80 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.63 0.59 -0.21	33.51 0.59 0.00	31.78 0.61 0.00	30.97 0.60 0.00	33.05 0.60 0.00	37.02 0.63 0.00	33.02 0.55 0.00	33.59 0.64 0.00	30.89 0.72 -1.03	35.31 0.69 0.00	45.66 0.88 -0.48	52.74 0.95 0.00	119.29 0.86 -74.38	57.72 0.87 0.00	59.35 0.86 0.00	81.06 1.12 0.00	94.78 1.71 0.00	295.85 7.03 0.00	621.76 12.71 0.00	366.97 5.15 -8.08	80.62 0.41 0.00	92.39 0.32 0.00	88.56 0.43 0.00	57.38 0.65 0.00
EAST_HAMPTON___DIESEL 23722	42.87 2.83 -0.21	35.73 2.81 0.00	33.92 2.75 0.00	32.88 2.51 0.00	34.88 2.44 0.00	39.25 2.86 0.00	34.89 2.43 0.00	35.68 2.73 0.00	33.00 2.91 -0.96	37.92 3.31 0.00	52.31 5.63 -2.37	57.94 6.14 0.00	121.05 4.36 -72.64	60.92 4.07 0.00	62.70 4.45 0.25	98.70 5.87 -12.88	96.28 6.33 3.12	296.14 15.80 8.49	226.48 26.20 408.77	226.65 14.25 141.34	63.06 2.14 19.28	75.58 3.35 19.83	59.71 2.47 30.88	58.83 2.10 0.00
EAST_POINT___SOLAR 323840	42.04 2.33 0.12	34.68 1.76 0.00	32.65 1.47 0.00	31.71 1.34 0.00	33.86 1.42 0.00	37.98 1.59 0.00	33.83 1.37 0.00	33.48 0.53 0.00	28.75 -0.39 0.00	34.03 -0.59 0.00	43.67 -0.64 0.00	51.12 -0.67 0.00	2.02 0.22 42.25	56.37 -0.48 0.00	58.45 -0.05 0.00	79.86 -0.08 0.00	93.84 0.77 0.00	292.85 4.03 0.00	631.28 22.24 0.00	457.60 23.66 -80.21	86.31 6.11 0.00	98.72 6.65 0.00	94.11 5.97 0.00	60.31 3.58 0.00
EAST_PULASKI___ESR 323781	40.24 0.41 0.00	33.04 0.12 0.00	30.98 -0.20 0.00	30.04 -0.33 0.00	32.06 -0.39 0.00	35.99 -0.40 0.00	32.14 -0.32 0.00	32.68 -0.27 0.00	28.89 -0.24 0.00	34.42 -0.19 0.00	44.19 -0.11 0.00	51.69 -0.10 0.00	44.01 -0.03 0.00	57.07 0.11 -0.11	59.55 0.18 -0.87	83.09 0.36 -2.79	101.38 0.41 -7.90	303.74 1.78 -13.13	636.52 6.21 -21.27	376.39 5.41 -17.25	139.82 1.51 -58.09	178.11 1.80 -84.24	109.15 1.22 -19.80	57.23 0.38 -0.12
EAST_RIVER___1 323558	40.81 0.76 -0.21	33.64 0.72 0.00	31.90 0.72 0.00	31.05 0.69 0.00	33.13 0.68 0.00	37.10 0.71 0.00	33.09 0.63 0.00	33.71 0.76 0.00	30.97 0.87 -0.96	35.49 0.88 0.00	45.84 1.09 -0.45	53.00 1.21 0.00	119.71 1.09 -74.57	57.95 1.10 0.00	59.58 1.08 0.00	81.37 1.43 0.00	95.15 2.08 0.00	296.96 8.14 0.00	623.40 14.36 0.00	367.82 5.99 -8.10	80.79 0.58 0.00	92.53 0.46 0.00	88.66 0.53 0.00	57.51 0.78 0.00
EAST_RIVER___2 323559	40.88 0.84 -0.21	33.69 0.77 0.00	31.96 0.79 0.00	31.14 0.77 0.00	33.17 0.73 0.00	37.12 0.73 0.00	33.11 0.65 0.00	33.77 0.82 0.00	31.03 0.93 -0.96	35.55 0.93 0.00	45.90 1.15 -0.45	53.10 1.31 0.00	119.82 1.20 -74.57	58.11 1.26 0.00	59.74 1.24 0.00	81.60 1.66 0.00	95.41 2.34 0.00	297.70 8.88 0.00	624.58 15.54 0.00	368.47 6.63 -8.10	80.94 0.73 0.00	92.60 0.54 0.00	88.75 0.62 0.00	57.53 0.80 0.00
EAST___DELAWARE_HYD 23607	40.05 0.09 -0.13	33.01 0.09 0.00	31.28 0.10 0.00	30.45 0.08 0.00	32.49 0.04 0.00	36.40 0.01 0.00	32.46 0.00 0.00	33.00 0.06 0.00	28.97 0.12 0.29	34.60 -0.01 0.00	44.11 -0.05 0.13	51.72 -0.07 0.00	91.00 0.06 -46.90	56.60 -0.25 0.00	56.98 -1.52 0.00	78.05 -1.89 0.00	91.59 -1.48 0.00	287.12 -1.70 0.00	605.60 -3.44 0.00	358.68 -3.78 -8.72	80.66 0.45 0.00	92.25 0.18 0.00	88.21 0.08 0.00	56.88 0.15 0.00
EIGHT_POINT___WT_PWR 323820	40.35 0.52 0.00	32.97 0.05 0.00	31.00 -0.18 0.00	30.16 -0.21 0.00	32.06 -0.39 0.00	35.85 -0.54 0.00	31.78 -0.68 0.00	32.49 -0.46 0.00	28.80 -0.34 0.00	35.10 0.49 0.00	45.62 1.32 0.00	53.37 1.57 0.00	45.28 1.23 0.00	58.74 1.88 -0.02	60.52 1.88 -0.13	82.80 2.43 -0.42	96.19 1.92 -1.20	293.10 2.28 -2.00	623.05 10.78 -3.23	365.53 7.09 -4.71	82.17 1.90 -0.06	94.41 1.98 -0.36	90.57 1.93 -0.50	57.57 0.84 0.00
ELBRIDGE_115KV_TB2 80188	39.71 -0.11 0.00	32.68 -0.23 0.00	30.83 -0.34 0.00	30.05 -0.33 0.00	32.07 -0.38 0.00	35.93 -0.46 0.00	31.94 -0.52 0.00	32.44 -0.51 0.00	28.69 -0.44 0.00	34.28 -0.33 0.00	44.13 -0.17 0.00	51.67 -0.12 0.00	43.98 -0.07 0.00	56.92 0.00 -0.07	59.26 0.16 -0.60	82.11 0.23 -1.93	98.67 0.13 -5.46	298.05 0.15 -9.08	623.76 0.01 -14.70	366.17 0.52 -11.92	80.61 0.11 -0.30	93.77 0.06 -1.64	90.53 0.11 -2.29	56.61 -0.11 0.00
ELEC_TRO_TEK 24086	40.75 0.71 -0.21	33.70 0.78 0.00	31.93 0.76 0.00	31.04 0.67 0.00	33.08 0.63 0.00	37.08 0.69 0.00	33.01 0.54 0.00	33.64 0.69 0.00	30.94 0.85 -0.95	35.40 0.78 0.00	48.27 1.60 -2.37	53.45 1.65 0.00	119.85 1.34 -74.46	57.99 1.14 0.00	59.39 0.89 0.00	81.00 1.06 0.00	94.48 1.41 0.00	292.33 4.97 1.47	541.18 7.60 75.47	329.59 2.13 26.27	77.30 -0.10 2.80	89.34 -0.07 2.66	83.24 -0.03 4.85	57.26 0.53 0.00
ELLENBURG_WT_PWR 323604	40.16 0.33 0.00	33.21 0.29 0.00	31.47 0.29 0.00	30.51 0.14 0.00	32.60 0.15 0.00	36.63 0.24 0.00	32.78 0.32 0.00	33.28 0.34 0.00	29.47 0.34 0.00	35.15 0.54 0.00	44.99 0.69 0.00	52.77 0.97 0.00	44.72 0.67 0.00	57.59 0.75 0.00	59.17 0.67 0.00	80.93 0.98 0.00	94.28 1.21 0.00	290.87 2.04 0.00	614.40 5.36 0.00	357.58 3.85 0.00	-5.61 1.72 87.53	-33.81 1.87 127.75	55.63 0.93 33.43	57.35 0.53 -0.09

ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.32 1.49 0.00	33.46 0.54 0.00	31.25 0.08 0.00	30.29 -0.08 0.00	32.42 -0.02 0.00	36.02 -0.37 0.00	31.82 -0.64 0.00	32.66 -0.29 0.00	29.40 0.26 0.00	36.22 1.61 0.00	47.18 2.88 0.00	55.18 3.39 0.00	46.70 2.65 0.00	60.78 3.93 0.00	62.66 4.16 0.00	85.21 5.27 0.00	97.47 4.40 0.00	294.61 5.78 0.00	617.99 8.95 0.00	357.44 3.71 0.00	81.46 1.25 0.00	95.32 3.25 0.00	91.94 3.81 0.00	58.92 2.19 0.00
EMPIRE_CC_1 323656	39.25 -0.25 0.32	32.92 0.00 0.00	31.36 0.19 0.00	30.69 0.32 0.00	32.92 0.48 0.00	36.85 0.46 0.00	32.85 0.38 0.00	33.25 0.30 0.00	29.52 0.20 -0.19	34.50 -0.12 0.00	43.90 -0.49 -0.09	50.98 -0.81 0.00	-69.32 -0.59 112.78	56.01 -0.84 0.00	57.55 -0.95 0.00	78.64 -1.31 0.00	91.96 -1.11 0.00	288.19 -0.63 0.00	607.58 -1.46 0.00	375.01 -1.04 -22.32	79.14 -1.07 0.00	91.11 -0.96 0.00	87.28 -0.85 0.00	56.44 -0.29 0.00
EMPIRE_CC_2 323658	39.25 -0.25 0.32	32.92 0.00 0.00	31.36 0.19 0.00	30.69 0.32 0.00	32.92 0.48 0.00	36.85 0.46 0.00	32.85 0.38 0.00	33.25 0.30 0.00	29.52 0.20 -0.19	34.50 -0.12 0.00	43.90 -0.49 -0.09	50.98 -0.81 0.00	-69.32 -0.59 112.78	56.01 -0.84 0.00	57.55 -0.95 0.00	78.64 -1.31 0.00	91.96 -1.11 0.00	288.19 -0.63 0.00	607.58 -1.46 0.00	375.01 -1.04 -22.32	79.14 -1.07 0.00	91.11 -0.96 0.00	87.28 -0.85 0.00	56.44 -0.29 0.00
ENORWICH_115KV_TB1 80156	42.23 2.40 0.00	34.73 1.81 0.00	32.80 1.63 0.00	31.95 1.58 0.00	34.17 1.72 0.00	38.25 1.86 0.00	33.95 1.49 0.00	34.43 1.48 0.00	30.33 1.20 0.00	36.19 1.57 0.00	46.56 2.25 0.00	54.48 2.69 0.00	46.37 2.32 0.00	60.11 3.23 -0.03	62.24 3.50 -0.24	85.62 4.92 -0.76	101.51 6.29 -2.14	312.76 20.37 -3.56	666.26 51.45 -5.77	395.66 31.96 -9.97	87.36 7.04 -0.12	100.13 7.41 -0.64	95.14 6.11 -0.90	59.83 3.10 0.00
ERIE_ST__34_KV_TB1-2 80199	41.57 1.75 0.00	33.69 0.77 0.00	31.47 0.29 0.00	30.49 0.12 0.00	32.61 0.17 0.00	36.24 -0.15 0.00	32.02 -0.44 0.00	32.84 -0.11 0.00	29.53 0.39 0.00	36.36 1.75 0.00	47.40 3.10 0.00	55.54 3.75 0.00	47.07 3.02 0.00	61.40 4.55 0.00	63.32 4.82 0.00	86.14 6.20 0.00	98.76 5.69 0.00	299.41 10.58 0.00	630.45 21.41 0.00	364.06 10.33 0.00	82.67 2.46 0.00	96.44 4.37 0.00	92.83 4.70 0.00	59.35 2.63 0.00
ERIE_WT_PWR 323693	41.50 1.67 0.00	33.59 0.68 0.00	31.37 0.20 0.00	30.40 0.02 0.00	32.54 0.09 0.00	36.16 -0.23 0.00	31.94 -0.52 0.00	32.77 -0.17 0.00	29.49 0.35 0.00	36.21 1.72 0.13	47.33 3.03 0.00	55.40 3.61 0.00	46.90 2.86 0.00	61.08 4.23 0.00	62.95 4.46 0.00	85.61 5.67 0.00	97.99 4.92 0.00	296.37 7.54 0.00	622.84 13.80 0.00	360.43 6.70 0.00	82.09 1.88 0.00	95.88 3.82 0.00	92.50 4.37 0.00	59.20 2.47 0.00
ESPRGFLD_115KV_TB1 80157	41.40 1.64 0.07	34.11 1.20 0.00	32.10 0.93 0.00	31.16 0.79 0.00	33.28 0.83 0.00	37.31 0.92 0.00	33.27 0.80 0.00	33.65 0.70 0.00	29.69 0.55 0.00	35.51 0.89 0.00	45.82 1.52 0.00	53.75 1.96 0.00	20.20 1.72 25.57	59.07 2.22 0.00	60.86 2.36 0.00	83.05 3.11 0.00	96.61 3.54 0.00	298.95 10.12 0.00	631.16 22.12 0.00	426.21 14.95 -57.52	83.98 3.77 0.00	96.08 4.01 0.00	91.94 3.80 0.00	58.99 2.26 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.61 0.79 0.00	33.41 0.49 0.00	31.53 0.35 0.00	30.70 0.33 0.00	32.77 0.33 0.00	36.70 0.31 0.00	32.64 0.18 0.00	33.12 0.17 0.00	29.20 0.07 0.00	34.80 0.18 0.00	44.71 0.40 0.00	52.25 0.46 0.00	44.47 0.42 0.00	57.62 0.73 -0.04	59.74 0.92 -0.32	82.26 1.29 -1.04	97.49 1.50 -2.93	298.63 4.94 -4.87	631.64 14.72 -7.88	372.68 10.07 -8.87	82.69 2.33 -0.16	95.54 2.59 -0.88	91.70 2.34 -1.23	57.92 1.19 0.00
ETNA____115KV_TB2 80207	40.61 0.79 0.00	33.41 0.49 0.00	31.53 0.35 0.00	30.70 0.33 0.00	32.77 0.33 0.00	36.70 0.31 0.00	32.64 0.18 0.00	33.12 0.17 0.00	29.20 0.07 0.00	34.80 0.18 0.00	44.71 0.40 0.00	52.25 0.46 0.00	44.47 0.42 0.00	57.62 0.73 -0.04	59.74 0.92 -0.32	82.26 1.29 -1.04	97.49 1.50 -2.93	298.63 4.94 -4.87	631.64 14.72 -7.88	372.68 10.07 -8.87	82.69 2.33 -0.16	95.54 2.59 -0.88	91.70 2.34 -1.23	57.92 1.19 0.00
EUCLID____115KV_TB2 356179	39.38 -0.45 0.00	32.41 -0.51 0.00	30.63 -0.54 0.00	29.84 -0.54 0.00	31.87 -0.58 0.00	35.69 -0.70 0.00	31.77 -0.69 0.00	32.28 -0.67 0.00	28.57 -0.57 0.00	34.11 -0.50 0.00	43.84 -0.47 0.00	51.32 -0.47 0.00	43.71 -0.34 0.00	56.57 -0.32 -0.03	58.57 -0.20 -0.27	80.50 -0.30 -0.85	95.02 -0.47 -2.42	291.08 -1.76 -4.02	612.16 -3.39 -6.51	356.83 -2.19 -5.28	95.90 -0.54 -16.23	115.50 -0.58 -24.01	94.17 -0.62 -6.66	56.18 -0.55 0.00
E_CANADA_CAP_HY 24051	41.69 1.97 0.11	34.38 1.46 0.00	32.30 1.12 0.00	31.34 0.96 0.00	33.48 1.03 0.00	37.53 1.14 0.00	33.48 1.02 0.00	33.71 0.76 0.00	29.53 0.39 0.00	35.21 0.59 0.00	45.32 1.01 0.00	53.14 1.35 0.00	7.27 1.32 38.10	58.39 1.54 0.00	60.18 1.69 0.00	82.24 2.30 0.00	95.86 2.79 0.00	297.63 8.80 0.00	631.02 21.98 0.00	446.15 17.85 -74.56	84.87 4.67 0.00	97.13 5.06 0.00	92.82 4.69 0.00	59.61 2.88 0.00
E_CANADA_MHWK_HY 24050	40.40 0.57 0.00	33.47 0.55 0.00	31.94 0.77 0.00	31.26 0.88 0.00	33.39 0.95 0.00	37.46 1.07 0.00	33.33 0.87 0.00	33.51 0.56 0.00	29.10 -0.04 0.00	33.93 -0.68 0.00	43.08 -1.22 0.00	50.19 -1.61 0.00	43.35 -0.70 0.00	55.54 -1.31 0.00	57.33 -1.17 0.00	78.62 -1.32 0.00	92.57 -0.50 0.00	292.73 3.91 0.00	628.13 19.09 0.00	367.23 13.50 0.00	82.56 2.35 0.00	94.77 2.70 0.00	90.27 2.14 0.00	57.89 1.16 0.00
E_FISHKILL___LBMP 23776	40.37 0.32 -0.22	33.30 0.38 0.00	31.61 0.43 0.00	30.83 0.45 0.00	32.91 0.47 0.00	36.88 0.49 0.00	32.90 0.43 0.00	33.45 0.50 0.00	29.98 0.55 -0.30	35.06 0.44 0.00	44.96 0.51 -0.14	52.29 0.49 0.00	120.95 0.46 -76.45	57.27 0.41 0.00	58.88 0.38 0.00	80.38 0.44 0.00	93.96 0.89 0.00	293.57 4.74 0.00	617.49 8.45 0.00	364.99 3.02 -8.24	80.17 -0.04 0.00	91.92 -0.15 0.00	88.12 -0.01 0.00	57.04 0.31 0.00
FALCON___SEABRD_CC1 323796	40.36 0.54 0.00	33.38 0.46 0.00	31.66 0.48 0.00	30.70 0.33 0.00	32.77 0.32 0.00	36.82 0.43 0.00	32.93 0.47 0.00	33.43 0.49 0.00	29.57 0.43 0.00	35.29 0.67 0.00	45.15 0.85 0.00	52.94 1.15 0.00	44.74 0.70 0.00	57.57 0.72 0.00	59.16 0.66 0.00	80.86 0.91 0.00	94.42 1.36 0.00	291.40 2.57 0.00	616.46 7.42 0.00	358.31 4.57 0.00	-12.16 1.94 94.31	-43.54 2.15 137.76	52.85 1.03 36.31	57.39 0.55 -0.11
FALCON___SEABRD_CC2 323797	40.36 0.54 0.00	33.38 0.46 0.00	31.66 0.48 0.00	30.70 0.33 0.00	32.77 0.32 0.00	36.82 0.43 0.00	32.93 0.47 0.00	33.43 0.49 0.00	29.57 0.43 0.00	35.29 0.67 0.00	45.15 0.85 0.00	52.94 1.15 0.00	44.74 0.70 0.00	57.57 0.72 0.00	59.16 0.66 0.00	80.86 0.91 0.00	94.42 1.36 0.00	291.40 2.57 0.00	616.46 7.42 0.00	358.31 4.57 0.00	-12.16 1.94 94.31	-43.54 2.15 137.76	52.85 1.03 36.31	57.39 0.55 -0.11

FAR ROCKAWAY___4 23548	41.36 1.32 -0.21	34.16 1.24 0.00	32.36 1.18 0.00	31.44 1.07 0.00	33.48 1.03 0.00	37.53 1.15 0.00	33.41 0.94 0.00	34.05 1.10 0.00	31.34 1.25 -0.95	35.92 1.30 0.00	49.06 2.39 -2.37	54.42 2.63 0.00	122.94 2.20 -76.70	59.12 2.27 0.00	60.59 2.09 0.00	82.74 2.79 0.00	96.52 3.45 0.00	303.87 9.95 -5.09	612.29 17.40 14.15	354.63 7.72 6.83	81.70 1.49 0.00	93.84 1.77 0.00	89.81 1.68 0.00	58.32 1.60 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.82 0.78 -0.21	33.64 0.73 0.00	31.89 0.72 0.00	31.06 0.69 0.00	33.14 0.69 0.00	37.11 0.72 0.00	33.10 0.64 0.00	33.71 0.76 0.00	30.97 0.87 -0.96	35.50 0.89 0.00	45.85 1.10 -0.45	53.00 1.20 0.00	119.71 1.09 -74.57	57.95 1.10 0.00	59.59 1.09 0.00	81.36 1.42 0.00	95.15 2.08 0.00	296.96 8.14 0.00	623.70 14.66 0.00	367.94 6.11 -8.10	80.80 0.59 0.00	92.54 0.47 0.00	88.71 0.58 0.00	57.53 0.80 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.83 0.79 -0.21	33.65 0.73 0.00	31.90 0.73 0.00	31.07 0.70 0.00	33.14 0.69 0.00	37.12 0.73 0.00	33.10 0.64 0.00	33.72 0.77 0.00	30.97 0.88 -0.96	35.51 0.89 0.00	45.85 1.10 -0.45	53.00 1.21 0.00	119.71 1.10 -74.57	57.96 1.11 0.00	59.59 1.09 0.00	81.38 1.44 0.00	95.15 2.08 0.00	297.06 8.23 0.00	623.77 14.73 0.00	367.96 6.12 -8.10	80.83 0.63 0.00	92.59 0.52 0.00	88.75 0.62 0.00	57.56 0.83 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.79 0.75 -0.21	33.61 0.69 0.00	31.87 0.70 0.00	31.04 0.67 0.00	33.12 0.67 0.00	37.08 0.69 0.00	33.08 0.62 0.00	33.70 0.75 0.00	30.95 0.85 -0.96	35.48 0.86 0.00	45.81 1.06 -0.45	52.95 1.16 0.00	119.67 1.05 -74.57	57.90 1.05 0.00	59.53 1.03 0.00	81.28 1.34 0.00	95.06 1.98 0.00	296.68 7.85 0.00	622.99 13.95 0.00	367.56 5.72 -8.10	80.72 0.51 0.00	92.46 0.39 0.00	88.65 0.52 0.00	57.49 0.76 0.00
FARRAGUT___LBMP 323566	40.76 0.72 -0.21	33.59 0.67 0.00	31.85 0.68 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.06 0.67 0.00	33.06 0.60 0.00	33.67 0.72 0.00	30.93 0.83 -0.96	35.44 0.83 0.00	45.76 1.01 -0.45	52.90 1.11 0.00	119.63 1.01 -74.57	57.84 0.99 0.00	59.47 0.97 0.00	81.20 1.26 0.00	94.96 1.89 0.00	296.39 7.56 0.00	622.53 13.49 0.00	367.23 5.40 -8.10	80.66 0.45 0.00	92.38 0.31 0.00	88.57 0.44 0.00	57.44 0.71 0.00
FENNER___WINDPWR 24204	40.68 0.85 0.00	33.51 0.59 0.00	31.60 0.42 0.00	30.77 0.40 0.00	32.87 0.42 0.00	36.81 0.42 0.00	32.82 0.36 0.00	33.32 0.37 0.00	29.38 0.25 0.00	34.97 0.35 0.00	44.86 0.56 0.00	52.50 0.71 0.00	44.73 0.68 0.00	57.93 1.05 -0.03	59.97 1.22 -0.25	82.47 1.73 -0.80	97.50 2.17 -2.26	300.35 7.76 -3.76	634.60 12.43 -6.09	371.10 12.43 -4.94	110.69 2.78 -27.71	134.96 3.05 -39.84	99.51 2.54 -8.83	58.14 1.35 -0.06
FIBERTEK___ENERGY 23856	39.86 0.03 0.00	32.80 -0.12 0.00	30.97 -0.20 0.00	30.17 -0.21 0.00	32.20 -0.25 0.00	36.07 -0.32 0.00	32.10 -0.37 0.00	32.59 -0.35 0.00	28.83 -0.31 0.00	34.43 -0.18 0.00	44.30 -0.01 0.00	51.88 0.09 0.00	44.19 0.14 0.00	57.24 0.32 -0.07	59.55 0.48 -0.57	82.48 0.71 -1.83	99.00 0.76 -5.17	299.70 2.28 -8.59	628.06 5.10 -13.92	368.03 3.01 -11.28	94.66 0.62 -13.83	113.89 0.66 -21.16	95.61 0.56 -6.92	56.90 0.17 0.00
FITZPATRICK___ 23598	38.78 -1.05 0.00	31.96 -0.96 0.00	30.21 -0.96 0.00	29.42 -0.94 0.00	31.42 -1.03 0.00	35.21 -1.18 0.00	31.36 -1.10 0.00	31.85 -1.10 0.00	28.19 -0.94 0.00	33.63 -0.98 0.00	43.16 -1.15 0.00	50.50 -1.29 0.00	42.96 -1.09 0.00	55.11 -1.34 0.40	53.96 -1.32 3.21	67.89 -1.80 10.26	61.88 -2.18 29.01	233.39 -7.20 48.24	515.60 -15.29 78.14	281.53 -8.85 63.35	76.68 -1.96 1.57	81.11 -2.22 8.74	73.79 -2.15 12.19	55.28 -1.45 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.91 0.91 -0.17	33.75 0.83 0.00	32.01 0.83 0.00	31.19 0.82 0.00	33.31 0.86 0.00	37.31 0.92 0.00	33.28 0.82 0.00	33.84 0.89 0.00	30.04 0.90 0.00	35.51 0.90 0.00	45.46 1.16 0.00	53.14 1.34 0.00	105.51 1.25 -60.22	58.38 1.53 0.00	60.10 1.60 0.00	82.18 2.24 0.00	96.25 3.18 0.00	300.84 12.02 0.00	632.77 23.73 0.00	373.64 11.51 -8.40	82.03 1.82 0.00	93.92 1.85 0.00	89.91 1.78 0.00	58.07 1.34 0.00
FORT ORANGE___ 23900	40.08 0.41 0.16	33.36 0.44 0.00	31.74 0.56 0.00	31.01 0.64 0.00	33.19 0.74 0.00	37.20 0.81 0.00	33.17 0.71 0.00	33.60 0.65 0.00	29.60 0.46 0.00	34.83 0.22 0.00	44.33 0.02 0.00	51.60 -0.20 0.00	-10.59 -0.25 54.38	56.51 -0.34 0.00	58.14 -0.36 0.00	79.46 -0.48 0.00	92.77 -0.30 0.00	290.50 1.68 0.00	614.06 5.02 0.00	400.07 3.20 -43.14	80.29 0.09 0.00	92.27 0.21 0.00	88.40 0.27 0.00	57.06 0.33 0.00
FORT_DRUM_COGEN 23780	42.96 3.13 0.00	35.02 2.11 0.00	32.25 1.07 0.00	30.99 0.62 0.00	33.04 0.60 0.00	37.27 0.88 0.00	33.52 1.06 0.00	34.17 1.23 0.00	30.19 1.05 0.00	35.82 1.20 0.00	45.92 1.62 0.00	53.65 1.86 0.00	45.69 1.65 0.00	59.26 2.35 -0.05	61.51 2.58 -0.43	85.01 3.70 -1.37	101.77 4.84 -3.86	313.03 17.80 -6.42	668.23 48.80 -10.39	397.86 35.70 -8.42	275.56 8.92 -186.44	367.76 10.15 -265.54	151.22 8.24 -54.85	60.92 3.79 -0.40
FOX_HILLS___ESR 323835	40.84 0.79 -0.21	33.52 0.60 0.00	31.75 0.58 0.00	30.92 0.55 0.00	32.97 0.52 0.00	36.92 0.54 0.00	32.94 0.47 0.00	33.54 0.59 0.00	30.81 0.72 -0.96	35.26 0.64 0.00	41.55 0.73 3.49	52.49 0.82 0.13	50.51 0.82 -5.64	52.53 0.58 4.89	54.37 0.56 4.69	78.75 0.68 1.87	94.36 1.28 0.00	294.86 6.04 0.00	618.64 9.60 0.00	364.98 3.14 -8.10	80.08 -0.13 0.00	89.71 -0.45 1.91	87.92 -0.21 0.00	57.23 0.50 0.00
FPL_FAR_ROCK_GT1 24212	41.36 1.32 -0.21	34.16 1.24 0.00	32.36 1.18 0.00	31.44 1.07 0.00	33.48 1.03 0.00	37.53 1.15 0.00	33.41 0.94 0.00	34.05 1.10 0.00	31.34 1.25 -0.95	35.92 1.30 0.00	49.06 2.38 -2.37	54.43 2.63 0.00	122.93 2.18 -76.70	59.11 2.26 0.00	60.59 2.09 0.00	82.74 2.79 0.00	96.52 3.45 0.00	303.86 9.94 -5.09	612.10 17.21 14.15	354.62 7.72 6.83	81.70 1.49 0.00	93.84 1.77 0.00	89.73 1.60 0.00	58.32 1.59 0.00
FPL_FAR_ROCK_GT2 23815	41.36 1.32 -0.21	34.16 1.24 0.00	32.36 1.18 0.00	31.44 1.07 0.00	33.48 1.03 0.00	37.53 1.15 0.00	33.41 0.94 0.00	34.05 1.10 0.00	31.34 1.25 -0.95	35.92 1.30 0.00	49.06 2.38 -2.37	54.43 2.63 0.00	122.93 2.18 -76.70	59.11 2.26 0.00	60.59 2.09 0.00	82.74 2.79 0.00	96.52 3.45 0.00	303.86 9.94 -5.09	612.10 17.21 14.15	354.62 7.72 6.83	81.70 1.49 0.00	93.84 1.77 0.00	89.73 1.60 0.00	58.32 1.59 0.00
FRANKLIN_FALL_HYD 24054	40.93 1.11 0.00	33.82 0.90 0.00	31.96 0.79 0.00	30.97 0.59 0.00	33.08 0.63 0.00	37.18 0.79 0.00	33.30 0.84 0.00	33.83 0.88 0.00	30.02 0.88 0.00	35.85 1.24 0.00	45.83 1.53 0.00	53.62 1.83 0.00	45.44 1.39 0.00	58.55 1.70 0.00	60.18 1.68 0.00	82.36 2.41 0.00	95.92 2.84 0.00	296.03 7.20 0.00	626.05 17.01 0.00	365.98 12.25 0.00	1166.40 3.87 -1082.32	1655.16 4.31 -1558.78	454.43 3.19 -363.11	59.14 1.86 -0.55

FREEPORT_EQUS_GT1 23764	40.99 0.95 -0.21	33.90 0.98 0.00	32.13 0.95 0.00	31.21 0.83 0.00	33.23 0.78 0.00	37.25 0.86 0.00	33.15 0.68 0.00	33.79 0.85 0.00	31.11 1.02 -0.95	35.59 0.97 0.00	48.65 1.98 -2.37	53.94 2.14 0.00	120.20 1.70 -74.45	58.47 1.62 0.00	59.86 1.36 0.00	81.46 1.51 0.00	94.53 1.46 0.00	285.97 4.93 7.78	388.94 7.14 227.25	278.99 1.84 76.58	71.10 0.05 9.16	83.95 0.58 8.70	72.71 0.45 15.88	57.62 0.89 0.00
FREEPORT___CT2 23818	40.99 0.95 -0.21	33.90 0.98 0.00	32.13 0.95 0.00	31.21 0.83 0.00	33.23 0.78 0.00	37.25 0.86 0.00	33.15 0.68 0.00	33.79 0.85 0.00	31.11 1.02 -0.95	35.59 0.97 0.00	48.65 1.98 -2.37	53.94 2.14 0.00	120.20 1.70 -74.45	58.47 1.62 0.00	59.86 1.36 0.00	81.46 1.51 0.00	94.53 1.46 0.00	285.97 4.93 7.78	388.94 7.14 227.25	278.99 1.84 76.58	71.10 0.05 9.16	83.95 0.58 8.70	72.71 0.45 15.88	57.62 0.89 0.00
FRESHKLS_33_KV_LOAD 356253	40.89 0.85 -0.21	33.54 0.62 0.00	31.76 0.59 0.00	30.93 0.56 0.00	32.97 0.52 0.00	36.93 0.54 0.00	32.93 0.47 0.00	33.54 0.59 0.00	30.80 0.70 -0.96	35.22 0.61 0.00	41.48 0.66 3.49	52.38 0.72 0.13	50.42 0.73 -5.64	52.41 0.46 4.89	54.25 0.44 4.69	78.66 0.59 1.87	94.26 1.19 0.00	294.85 6.03 0.00	618.69 9.64 0.00	365.08 3.25 -8.10	80.08 -0.13 0.00	89.69 -0.47 1.91	87.86 -0.27 0.00	57.17 0.44 0.00
FULTON COGEN____ 23766	39.38 -0.45 0.00	32.41 -0.51 0.00	30.61 -0.57 0.00	29.80 -0.58 0.00	31.81 -0.63 0.00	35.64 -0.75 0.00	31.74 -0.73 0.00	32.24 -0.71 0.00	28.52 -0.61 0.00	34.03 -0.58 0.00	43.70 -0.60 0.00	51.16 -0.63 0.00	43.57 -0.48 0.00	56.53 -0.45 -0.13	59.15 -0.39 -1.04	82.78 -0.49 -3.33	101.86 -0.61 -9.40	302.60 -1.86 -15.63	630.84 -3.53 -25.33	372.21 -2.06 -20.53	98.73 -0.52 -19.05	121.15 -0.57 -29.65	97.89 -0.69 -10.45	56.18 -0.55 0.00
FULTON___LFGE 323630	41.70 2.00 0.12	34.44 1.52 0.00	32.49 1.31 0.00	31.57 1.19 0.00	33.72 1.27 0.00	37.81 1.41 0.00	33.70 1.24 0.00	33.79 0.84 0.00	29.30 0.16 0.00	34.57 -0.05 0.00	44.25 -0.06 0.00	51.71 -0.09 0.00	1.19 0.45 43.30	56.98 0.12 0.00	58.77 0.27 0.00	80.57 0.63 0.00	94.24 1.17 0.00	295.68 6.85 0.00	633.49 24.45 0.00	456.19 20.83 -81.63	85.32 5.11 0.00	97.69 5.62 0.00	93.18 5.05 0.00	59.78 3.06 0.00
G.F.CEMENT___DRP 24184	41.34 1.71 0.19	34.31 1.39 0.00	32.58 1.40 0.00	31.81 1.43 0.00	33.99 1.55 0.00	38.12 1.74 0.00	33.90 1.44 0.00	34.36 1.41 0.00	30.36 1.22 0.00	35.81 1.19 0.00	45.43 1.13 0.00	52.82 1.03 0.00	-21.23 1.06 66.33	58.39 1.54 0.00	60.14 1.64 0.00	82.48 2.53 0.00	97.20 4.12 0.00	306.21 17.38 0.00	652.95 43.91 0.00	461.46 25.04 -82.69	84.90 4.69 0.00	97.17 5.10 0.00	92.37 4.24 0.00	59.37 2.65 0.00
GARDENVILLE___LBMP 24039	41.36 1.53 0.00	33.47 0.55 0.00	31.27 0.10 0.00	30.30 -0.07 0.00	32.44 -0.01 0.00	36.04 -0.34 0.00	31.84 -0.62 0.00	32.67 -0.27 0.00	29.40 0.26 0.00	36.21 1.60 0.00	47.17 2.87 0.00	55.19 3.39 0.00	46.71 2.67 0.00	60.81 3.96 0.00	62.69 4.19 0.00	85.25 5.31 0.00	97.56 4.49 0.00	295.16 6.33 0.00	619.86 10.82 0.00	358.67 4.93 0.00	81.72 1.51 0.00	95.50 3.43 0.00	92.08 3.95 0.00	58.98 2.25 0.00
GARDNVLA_35_KV_LD 355827	41.55 1.73 0.00	33.64 0.72 0.00	31.41 0.23 0.00	30.44 0.06 0.00	32.57 0.12 0.00	36.18 -0.21 0.00	31.97 -0.50 0.00	32.80 -0.15 0.00	29.52 0.38 0.00	36.38 1.76 0.00	47.43 3.12 0.00	55.55 3.76 0.00	47.05 3.00 0.00	61.27 4.42 0.00	63.19 4.69 0.00	85.96 6.02 0.00	98.38 5.31 0.00	297.62 8.79 0.00	625.31 16.27 0.00	361.58 7.85 0.00	82.28 2.07 0.00	96.13 4.06 0.00	92.64 4.51 0.00	59.31 2.58 0.00
GELCKHM___115KV_LOAD 80723	39.56 -0.27 0.00	32.57 -0.35 0.00	30.76 -0.41 0.00	29.95 -0.41 0.00	32.00 -0.46 0.00	35.83 -0.56 0.00	31.90 -0.57 0.00	32.39 -0.56 0.00	28.66 -0.47 0.00	34.23 -0.39 0.00	44.01 -0.30 0.00	51.53 -0.27 0.00	43.87 -0.17 0.00	56.82 -0.08 -0.05	58.92 0.05 -0.38	81.22 0.08 -1.20	96.47 0.00 -3.39	294.23 -0.24 -5.64	618.06 -0.12 -9.14	360.93 -0.21 -7.41	95.31 -0.10 -15.20	114.72 -0.10 -22.75	94.65 -0.17 -6.69	56.45 -0.28 0.00
GENERAL___MILLS 23808	41.47 1.65 0.00	33.57 0.65 0.00	31.35 0.18 0.00	30.39 0.01 0.00	32.52 0.07 0.00	36.13 -0.26 0.00	31.93 -0.54 0.00	32.75 -0.19 0.00	29.47 0.33 0.00	36.31 1.70 0.00	47.31 3.01 0.00	55.38 3.59 0.00	46.89 2.84 0.00	61.05 4.20 0.00	62.95 4.45 0.00	85.61 5.67 0.00	97.99 4.91 0.00	296.37 7.54 0.00	622.70 13.66 0.00	360.17 6.44 0.00	82.01 1.80 0.00	95.84 3.77 0.00	92.38 4.26 0.00	59.16 2.43 0.00
GE_PLASTICS___DRP 24183	39.52 -0.19 0.12	32.87 -0.05 0.00	31.28 0.11 0.00	30.56 0.19 0.00	32.70 0.25 0.00	36.66 0.27 0.00	32.70 0.24 0.00	33.13 0.19 0.00	29.22 0.09 0.00	34.45 -0.16 0.00	43.92 -0.38 0.00	51.22 -0.57 0.00	1.35 -0.45 42.24	56.21 -0.64 0.00	57.81 -0.68 0.00	78.95 -1.00 0.00	92.08 -0.99 0.00	287.66 -1.17 0.00	606.52 -2.52 0.00	387.38 -1.87 -35.52	79.23 -0.98 0.00	91.09 -0.97 0.00	87.32 -0.81 0.00	56.42 -0.31 0.00
GILBOA___1 23756	39.91 0.05 -0.04	33.13 0.21 0.00	31.59 0.41 0.00	30.92 0.55 0.00	33.05 0.60 0.00	37.16 0.77 0.00	33.14 0.67 0.00	33.50 0.55 0.00	29.43 0.30 0.00	34.68 0.07 0.00	44.33 0.02 0.00	51.73 -0.06 0.00	56.06 -0.02 -12.03	56.80 -0.06 0.00	58.43 -0.07 0.00	79.64 -0.30 0.00	92.47 -0.60 0.00	287.14 -1.69 0.00	605.08 -3.97 0.00	355.85 -3.06 -5.18	79.21 -1.00 0.00	91.09 -0.98 0.00	87.69 -0.45 0.00	56.76 0.03 0.00
GILBOA___2 23757	39.91 0.05 -0.04	33.13 0.21 0.00	31.59 0.41 0.00	30.92 0.55 0.00	33.05 0.60 0.00	37.16 0.77 0.00	33.14 0.67 0.00	33.50 0.55 0.00	29.43 0.30 0.00	34.68 0.07 0.00	44.33 0.02 0.00	51.73 -0.06 0.00	56.06 -0.02 -12.03	56.80 -0.06 0.00	58.43 -0.07 0.00	79.64 -0.30 0.00	92.47 -0.60 0.00	287.14 -1.69 0.00	605.08 -3.97 0.00	355.85 -3.06 -5.18	79.21 -1.00 0.00	91.09 -0.98 0.00	87.69 -0.45 0.00	56.76 0.03 0.00
GILBOA___3 23758	39.91 0.05 -0.04	33.13 0.21 0.00	31.59 0.41 0.00	30.92 0.55 0.00	33.05 0.60 0.00	37.16 0.77 0.00	33.14 0.67 0.00	33.50 0.55 0.00	29.43 0.30 0.00	34.68 0.07 0.00	44.33 0.02 0.00	51.73 -0.06 0.00	56.06 -0.02 -12.03	56.80 -0.06 0.00	58.43 -0.07 0.00	79.64 -0.30 0.00	92.47 -0.60 0.00	287.14 -1.69 0.00	605.08 -3.97 0.00	355.85 -3.06 -5.18	79.21 -1.00 0.00	91.09 -0.98 0.00	87.69 -0.45 0.00	56.76 0.03 0.00
GILBOA___4 23759	39.91 0.05 -0.04	33.13 0.21 0.00	31.59 0.41 0.00	30.92 0.55 0.00	33.05 0.60 0.00	37.16 0.77 0.00	33.14 0.67 0.00	33.50 0.55 0.00	29.43 0.30 0.00	34.68 0.07 0.00	44.33 0.02 0.00	51.73 -0.06 0.00	56.06 -0.02 -12.03	56.80 -0.06 0.00	58.43 -0.07 0.00	79.64 -0.30 0.00	92.47 -0.60 0.00	287.14 -1.69 0.00	605.08 -3.97 0.00	355.85 -3.06 -5.18	79.21 -1.00 0.00	91.09 -0.98 0.00	87.69 -0.45 0.00	56.76 0.03 0.00

GILBOA____ 23599	39.91 0.05 -0.04	33.13 0.21 0.00	31.59 0.41 0.00	30.92 0.55 0.00	33.05 0.60 0.00	37.16 0.77 0.00	33.14 0.67 0.00	33.50 0.55 0.00	29.43 0.30 0.00	34.68 0.07 0.00	44.32 0.02 0.00	51.73 -0.06 0.00	56.06 -0.02 -12.03	56.80 -0.06 0.00	58.43 -0.07 0.00	79.64 -0.31 0.00	92.47 -0.60 0.00	287.13 -1.69 0.00	605.07 -3.98 0.00	355.85 -3.06 -5.18	79.21 -0.99 0.00	91.09 -0.98 0.00	87.70 -0.43 0.00	56.76 0.03 0.00
GINNA____ 23603	39.17 -0.65 0.00	31.97 -0.95 0.00	30.01 -1.16 0.00	29.13 -1.24 0.00	31.12 -1.33 0.00	34.71 -1.67 0.00	30.77 -1.69 0.00	31.41 -1.54 0.00	28.04 -1.09 0.00	33.99 -0.58 0.04	44.16 -0.14 0.00	51.85 0.06 0.00	44.11 0.06 0.00	57.30 0.45 0.00	59.18 0.68 0.00	80.76 0.82 0.00	93.38 0.30 0.00	286.17 -2.65 0.00	600.23 -8.81 0.00	347.52 -6.21 0.00	78.96 -1.25 0.00	91.33 -0.74 0.00	87.43 -0.70 0.00	55.94 -0.79 0.00
GLEN PARK____ 23778	43.27 3.44 0.00	35.25 2.33 0.00	32.46 1.29 0.00	31.22 0.84 0.00	33.28 0.83 0.00	37.53 1.14 0.00	33.73 1.27 0.00	34.36 1.42 0.00	30.33 1.19 0.00	35.94 1.33 0.00	46.05 1.75 0.00	53.79 2.00 0.00	45.83 1.78 0.00	59.45 2.55 -0.06	61.75 2.80 -0.45	85.40 4.02 -1.43	102.40 5.27 -4.06	314.86 19.29 -6.75	673.58 53.61 -10.93	401.75 39.16 -8.86	266.41 9.74 -176.46	354.56 11.07 -251.42	149.27 9.07 -52.08	61.40 4.29 -0.38
GLENDALE_27_KV_LOAD 356172	41.01 0.97 -0.21	33.77 0.85 0.00	32.01 0.84 0.00	31.16 0.79 0.00	33.24 0.79 0.00	37.23 0.83 0.00	33.22 0.76 0.00	33.84 0.89 0.00	31.09 1.00 -0.96	35.66 1.04 0.00	46.01 1.26 -0.45	53.24 1.45 0.00	119.97 1.35 -74.57	58.16 1.31 0.00	59.82 1.32 0.00	81.65 1.70 0.00	95.56 2.48 0.00	298.37 9.55 0.00	625.97 16.93 0.00	369.26 7.43 -8.10	81.05 0.85 0.00	92.73 0.67 0.00	88.95 0.82 0.00	57.84 1.11 0.00
GLENWOOD_IC_1_G5 23712	40.91 0.87 -0.21	33.77 0.85 0.00	32.02 0.85 0.00	31.15 0.78 0.00	33.21 0.76 0.00	37.20 0.81 0.00	33.15 0.68 0.00	33.76 0.82 0.00	31.03 0.94 -0.95	35.55 0.94 0.00	48.31 1.64 -2.37	53.58 1.78 0.00	120.09 1.53 -74.51	58.40 1.55 0.00	59.91 1.41 0.00	81.77 1.82 0.00	94.87 1.80 0.00	293.39 6.65 2.08	491.24 11.05 128.86	316.97 3.97 40.73	74.94 0.20 5.46	87.12 0.24 5.19	79.38 0.72 9.47	57.65 0.92 0.00
GLENWOOD_IC_2_G1 23688	40.77 0.73 -0.21	33.65 0.73 0.00	31.91 0.74 0.00	31.05 0.69 0.00	33.12 0.67 0.00	37.11 0.72 0.00	33.07 0.61 0.00	33.67 0.73 0.00	30.93 0.84 -0.95	35.43 0.81 0.00	47.98 1.31 -2.37	53.22 1.42 0.00	119.84 1.20 -74.59	58.04 1.19 0.00	59.57 1.07 0.00	81.33 1.39 0.00	94.93 1.86 0.00	295.86 7.05 0.02	620.84 12.26 0.46	366.22 4.84 -7.64	80.62 0.41 0.00	92.48 0.41 0.00	88.54 0.40 0.00	57.46 0.73 0.00
GLENWOOD_IC_3_G1 23689	40.77 0.73 -0.21	33.65 0.73 0.00	31.91 0.74 0.00	31.05 0.69 0.00	33.12 0.67 0.00	37.11 0.72 0.00	33.07 0.61 0.00	33.67 0.73 0.00	30.93 0.84 -0.95	35.43 0.81 0.00	47.98 1.31 -2.37	53.22 1.42 0.00	119.84 1.20 -74.59	58.04 1.19 0.00	59.57 1.07 0.00	81.33 1.39 0.00	94.93 1.86 0.00	295.86 7.05 0.02	620.84 12.26 0.46	366.22 4.84 -7.64	80.62 0.41 0.00	92.48 0.41 0.00	88.54 0.40 0.00	57.46 0.73 0.00
GLENWOOD____4 23550	40.91 0.87 -0.21	33.77 0.85 0.00	32.02 0.85 0.00	31.15 0.78 0.00	33.21 0.76 0.00	37.20 0.81 0.00	33.15 0.68 0.00	33.76 0.82 0.00	31.03 0.94 -0.95	35.55 0.94 0.00	48.31 1.64 -2.37	53.58 1.78 0.00	120.09 1.53 -74.51	58.40 1.55 0.00	59.91 1.41 0.00	81.78 1.84 0.00	95.10 2.03 0.00	294.13 7.38 2.08	492.88 12.70 128.86	317.87 4.87 40.73	75.16 0.41 5.46	87.32 0.44 5.19	79.38 0.72 9.47	57.65 0.92 0.00
GLENWOOD____5 23614	40.91 0.87 -0.21	33.77 0.85 0.00	32.02 0.85 0.00	31.15 0.78 0.00	33.21 0.76 0.00	37.20 0.81 0.00	33.15 0.68 0.00	33.76 0.82 0.00	31.03 0.94 -0.95	35.55 0.94 0.00	48.31 1.64 -2.37	53.58 1.78 0.00	120.09 1.53 -74.51	58.40 1.55 0.00	59.91 1.41 0.00	81.78 1.84 0.00	95.10 2.03 0.00	294.13 7.38 2.08	492.88 12.70 128.86	317.87 4.87 40.73	75.16 0.41 5.46	87.32 0.44 5.19	79.38 0.72 9.47	57.65 0.92 0.00
GLOBAL GREEN_PORT_GT1 23814	42.66 2.62 -0.21	35.56 2.64 0.00	33.75 2.58 0.00	32.71 2.34 0.00	34.71 2.27 0.00	39.06 2.67 0.00	34.73 2.27 0.00	35.50 2.55 0.00	32.84 2.75 -0.96	37.73 3.11 0.00	52.02 5.34 -2.37	57.58 5.79 0.00	120.46 3.77 -72.64	59.96 3.11 0.00	61.72 3.47 0.25	97.40 4.58 -12.88	94.91 4.96 3.13	293.10 12.77 8.50	219.98 19.69 408.75	222.49 10.08 141.33	62.31 1.39 19.29	75.69 3.46 19.83	59.79 2.54 30.88	58.84 2.11 0.00
GLOBE____DSASP 323697	40.53 0.71 0.00	32.85 -0.07 0.00	30.69 -0.48 0.00	29.74 -0.63 0.00	31.87 -0.58 0.00	35.36 -1.02 0.00	31.21 -1.25 0.00	32.04 -0.91 0.00	28.90 -0.24 0.00	35.64 1.03 0.00	46.41 2.11 0.00	54.26 2.47 0.00	45.87 1.82 0.00	59.63 2.78 0.00	61.48 2.99 0.00	83.57 3.62 0.00	95.30 2.23 0.00	286.31 -2.52 0.00	595.51 -13.53 0.00	344.39 -9.34 0.00	78.87 -1.34 0.00	93.04 0.97 0.00	89.89 1.76 0.00	57.99 1.26 0.00
GOETHSLN____LBMP 323567	40.53 0.48 -0.21	33.40 0.48 0.00	31.67 0.49 0.00	30.83 0.46 0.00	32.89 0.45 0.00	36.84 0.46 0.00	32.86 0.39 0.00	33.47 0.52 0.00	30.74 0.65 -0.96	35.22 0.60 0.00	41.53 0.71 3.49	52.55 0.76 0.00	50.46 0.70 -5.71	52.53 0.57 4.89	54.34 0.53 4.68	78.73 0.65 1.87	94.30 1.22 0.00	294.43 5.60 0.00	618.19 9.14 0.00	364.66 2.83 -8.10	80.07 -0.14 0.00	89.78 -0.38 1.91	87.92 -0.21 0.00	57.05 0.32 0.00
GOLAH____69_KV_TB 1_2 80279	41.71 1.88 0.00	33.88 0.96 0.00	31.76 0.58 0.00	30.81 0.44 0.00	32.89 0.44 0.00	36.67 0.28 0.00	32.45 -0.02 0.00	33.15 0.20 0.00	29.63 0.49 0.00	36.13 1.51 0.00	46.87 2.56 0.00	55.00 3.21 0.00	46.75 2.70 0.00	60.67 3.82 0.00	62.60 4.10 0.00	85.48 5.54 0.00	98.49 5.42 0.00	300.72 11.90 0.00	631.20 22.16 0.00	365.98 12.25 0.00	83.39 3.18 0.00	96.85 4.78 0.00	92.91 4.78 0.00	59.57 2.84 0.00
GOODYEAR_LAKE_HYD 323669	40.90 1.08 0.00	33.74 0.82 0.00	31.92 0.74 0.00	31.08 0.71 0.00	33.19 0.75 0.00	37.22 0.83 0.00	33.17 0.71 0.00	33.60 0.66 0.00	29.70 0.56 0.00	35.38 0.76 0.00	45.50 1.20 0.00	53.27 1.47 0.00	45.35 1.30 0.00	58.57 1.72 0.00	60.33 1.83 0.00	82.33 2.39 0.00	95.86 2.79 0.00	297.12 8.30 0.00	627.08 18.04 0.00	389.33 10.34 -25.26	82.48 2.27 0.00	94.52 2.45 0.00	90.51 2.38 0.00	58.16 1.43 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.05 0.23 0.00	33.00 0.08 0.00	31.17 -0.01 0.00	30.38 0.01 0.00	32.42 -0.02 0.00	36.32 -0.07 0.00	32.31 -0.15 0.00	32.84 -0.11 0.00	29.04 -0.10 0.00	34.72 0.11 0.00	44.69 0.39 0.00	52.22 0.43 0.00	44.41 0.37 0.00	57.61 0.73 -0.03	59.53 0.80 -0.23	81.58 0.92 -0.72	95.84 0.72 -2.05	293.44 1.21 -3.40	619.43 4.88 -5.51	363.90 2.17 -7.99	80.74 0.42 -0.11	93.34 0.66 -0.62	89.81 0.82 -0.86	57.02 0.29 0.00

GOUDEY___7 23579	40.05 0.23 0.00	33.00 0.08 0.00	31.17 -0.01 0.00	30.38 0.01 0.00	32.42 -0.02 0.00	36.32 -0.07 0.00	32.31 -0.15 0.00	32.84 -0.11 0.00	29.04 -0.10 0.00	34.72 0.11 0.00	44.69 0.39 0.00	52.22 0.43 0.00	44.41 0.37 0.00	57.61 0.73 -0.03	59.53 0.80 -0.23	81.58 0.92 -0.72	95.84 0.72 -2.05	293.44 1.21 -3.40	619.43 4.88 -5.51	363.90 2.17 -7.99	80.74 0.42 -0.11	93.34 0.66 -0.62	89.81 0.82 -0.86	57.02 0.29 0.00
GOUDEY___8 23580	40.05 0.23 0.00	33.00 0.08 0.00	31.17 -0.01 0.00	30.38 0.01 0.00	32.42 -0.02 0.00	36.32 -0.07 0.00	32.31 -0.15 0.00	32.84 -0.11 0.00	29.04 -0.10 0.00	34.72 0.11 0.00	44.69 0.39 0.00	52.22 0.43 0.00	44.41 0.37 0.00	57.61 0.73 -0.03	59.53 0.80 -0.23	81.58 0.92 -0.72	95.84 0.72 -2.05	293.44 1.21 -3.40	619.43 4.88 -5.51	363.90 2.17 -7.99	80.74 0.42 -0.11	93.34 0.66 -0.62	89.81 0.82 -0.86	57.02 0.29 0.00
GOWANUS_GT1_1 24077	40.91 0.87 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.44 0.82 0.00	45.73 0.98 -0.45	52.90 1.10 0.00	119.69 1.07 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.88 1.81 0.00	296.30 7.47 0.00	621.66 12.62 0.00	366.75 4.91 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.41 0.27 0.00	57.54 0.81 0.00
GOWANUS_GT1_2 24078	40.91 0.87 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.44 0.82 0.00	45.73 0.98 -0.45	52.90 1.10 0.00	119.69 1.07 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.88 1.81 0.00	296.30 7.47 0.00	621.66 12.62 0.00	366.75 4.91 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.41 0.27 0.00	57.54 0.81 0.00
GOWANUS_GT1_3 24079	40.91 0.87 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.44 0.82 0.00	45.73 0.98 -0.45	52.90 1.10 0.00	119.69 1.07 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.88 1.81 0.00	296.30 7.47 0.00	621.66 12.62 0.00	366.75 4.91 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.41 0.27 0.00	57.54 0.81 0.00
GOWANUS_GT1_4 24080	40.91 0.87 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.44 0.82 0.00	45.73 0.98 -0.45	52.90 1.10 0.00	119.69 1.07 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.88 1.81 0.00	296.30 7.47 0.00	621.66 12.62 0.00	366.75 4.91 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.41 0.27 0.00	57.54 0.81 0.00
GOWANUS_GT1_5 24084	40.91 0.87 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.44 0.82 0.00	45.73 0.98 -0.45	52.90 1.10 0.00	119.69 1.07 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.88 1.81 0.00	296.30 7.47 0.00	621.66 12.62 0.00	366.75 4.91 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.41 0.27 0.00	57.54 0.81 0.00
GOWANUS_GT1_6 24111	40.91 0.87 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0																		

GOWANUS_GT2_6 24119	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
GOWANUS_GT2_7 24120	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
GOWANUS_GT2_8 24121	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
GOWANUS_GT3_1 24122	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
GOWANUS_GT3_2 24123	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
GOWANUS_GT3_3 24124	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
GOWANUS_GT3_4 24125	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
GOWANUS_GT3_5 24126	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.0																	

GOWANUS_GT4_5 24134	40.91 0.87 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.44 0.82 0.00	45.73 0.98 -0.45	52.90 1.10 0.00	119.69 1.07 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.88 1.81 0.00	296.30 7.47 0.00	621.66 12.62 0.00	366.75 4.91 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.41 0.27 0.00	57.54 0.81 0.00
GOWANUS_GT4_6 24135	40.91 0.87 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.44 0.82 0.00	45.73 0.98 -0.45	52.90 1.10 0.00	119.69 1.07 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.88 1.81 0.00	296.30 7.47 0.00	621.66 12.62 0.00	366.75 4.91 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.41 0.27 0.00	57.54 0.81 0.00
GOWANUS_GT4_7 24136	40.91 0.87 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.44 0.82 0.00	45.73 0.98 -0.45	52.90 1.10 0.00	119.69 1.07 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.88 1.81 0.00	296.30 7.47 0.00	621.66 12.62 0.00	366.75 4.91 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.41 0.27 0.00	57.54 0.81 0.00
GOWANUS_GT4_8 24137	40.91 0.87 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.44 0.82 0.00	45.73 0.98 -0.45	52.90 1.10 0.00	119.69 1.07 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.88 1.81 0.00	296.30 7.47 0.00	621.66 12.62 0.00	366.75 4.91 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.41 0.27 0.00	57.54 0.81 0.00
GREATVRV_69_KV_BK1 356245	41.41 1.37 -0.21	34.40 1.48 0.00	32.60 1.42 0.00	31.63 1.26 0.00	33.62 1.17 0.00	37.73 1.34 0.00	33.53 1.06 0.00	34.19 1.25 0.00	31.55 1.46 -0.95	36.10 1.48 0.00	49.65 2.98 -2.37	55.00 3.20 0.00	119.37 2.59 -72.73	59.31 2.46 0.00	60.38 2.15 0.27	89.29 2.54 -6.80	92.32 2.86 3.61	288.90 8.78 8.71	227.65 14.10 395.49	223.36 6.42 136.79	62.41 1.05 18.85	73.77 1.29 19.59	59.37 1.07 29.84	57.97 1.24 0.00
GREENBSH_115KV_TB3 55895	39.88 0.22 0.17	33.22 0.30 0.00	31.62 0.44 0.00	30.90 0.53 0.00	33.07 0.62 0.00	37.06 0.68 0.00	33.06 0.59 0.00	33.49 0.54 0.00	29.54 0.40 0.00	34.81 0.20 0.00	44.35 0.04 0.00	51.68 -0.11 0.00	-14.03 -0.05 58.03	56.77 -0.08 0.00	58.40 -0.09 0.00	79.81 -0.13 0.00	93.20 0.13 0.00	291.59 2.77 0.00	615.14 6.09 0.00	401.59 3.15 -44.71	80.25 0.04 0.00	92.26 0.19 0.00	88.39 0.26 0.00	57.06 0.33 0.00
GREENDGE_115KV_TB5 80291	40.80 0.97 0.00	33.38 0.46 0.00	31.40 0.22 0.00	30.51 0.14 0.00	32.53 0.09 0.00	36.39 0.00 0.00	32.30 -0.16 0.00	32.90 -0.05 0.00	29.12 -0.02 0.00	35.08 0.46 0.00	45.27 0.96 0.00	52.80 1.01 0.00	44.75 0.70 0.00	58.12 1.25 -0.02	60.10 1.42 -0.19	82.38 1.82 -0.62	96.12 1.30 -1.74	291.91 0.19 -2.90	618.60 4.87 -4.69	363.20 3.66 -5.80	81.49 1.19 -0.09	94.02 1.43 -0.52	90.31 1.45 -0.73	57.73 1.00 0.00
GREENIDGE___3 23582	40.80 0.97 0.00	33.38 0.46 0.00	31.40 0.22 0.00	30.51 0.14 0.00	32.53 0.09 0.00	36.39 0.00 0.00	32.30 -0.16 0.00	32.90 -0.05 0.00	29.12 -0.02 0.00	35.08 0.46 0.00	45.27 0.96 0.00	52.80 1.01 0.00	44.75 0.70 0.00	58.12 1.25 -0.02	60.10 1.42 -0.19	82.38 1.82 -0.62	96.12 1.30 -1.74	291.91 0.19 -2.90	618.60 4.87 -4.69	363.20 3.66 -5.80	81.49 1.19 -0.09	94.02 1.43 -0.52	90.31 1.45 -0.73	57.73 1.00 0.00
GREENIDGE___4 23583	40.80 0.97 0.00	33.38 0.46 0.00	31.40 0.22 0.00	30.51 0.14 0.00	32.53 0.09 0.00	36.39 0.00 0.00	32.31 -0.16 0.00	32.90 -0.05 0.00	29.12 -0.02 0.00	35.14 0.46 -0.06	45.27 0.96 0.00	52.80 1.01 0.00	44.75 0.70 0.00	58.13 1.25 -0.02	60.11 1.41 -0.19	82.37 1.81 -0.62	96.11 1.30 -1.74	291.89 0.17 -2.90	618.60 4.87 -4.69	363.20 3.66 -5.80	81.49 1.19 -0.09	94.03 1.44 -0.52	90.38 1.51 -0.73	57.73 1.00 0.00
GREENLWN_69_KV_BK 3 55738	40.46 0.42 -0.21	33.60 0.68 0.00	31.85 0.68 0.00	30.94 0.57 0.00	32.92 0.47 0.00	36.91 0.52 0.00	32.81 0.35 0.00	33.41 0.46 0.00	30.78 0.69 -0.95	35.14 0.53 0.00	48.40 1.73 -2.37	53.60 1.81 0.00	118.18 1.44 -72.68	57.78 0.92 0.00	57.92 0.11 0.69	71.05 -0.23 8.67	71.22 0.05 21.91	260.30 0.42 28.95	198.53 -1.84 408.67	205.96 -2.77 145.00	52.09 -1.27 26.85	55.26 -1.52 35.29	56.52 -1.49 30.12	56.57 -0.15 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.91 0.87 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.44 0.82 0.00	45.73 0.98 -0.45	52.90 1.10 0.00	119.69 1.07 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.88 1.81 0.00	296.30 7.47 0.00	621.66 12.62 0.00	366.75 4.91 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.41 0.27 0.00	57.54 0.81 0.00
GRISSOM___SOLAR 323813	41.57 1.87 0.13	34.36 1.44 0.00	32.46 1.28 0.00	31.56 1.19 0.00	33.71 1.27 0.00	37.82 1.43 0.00	33.69 1.23 0.00	33.74 0.79 0.00	29.17 0.03 0.00	34.30 -0.32 0.00	43.84 -0.47 0.00	51.16 -0.63 0.00	-0.14 0.06 44.25	56.40 -0.46 0.00	58.15 -0.35 0.00	79.79 -0.15 0.00	93.39 0.31 0.00	293.69 4.86 0.00	630.77 21.72 0.00	456.20 19.53 -82.93	84.94 4.73 0.00	97.31 5.24 0.00	92.87 4.74 0.00	59.60 2.87 0.00
GROVEVILLE___HYD 323602	40.91 0.91 -0.17	33.75 0.83 0.00	32.01 0.83 0.00	31.19 0.82 0.00	33.31 0.86 0.00	37.31 0.92 0.00	33.28 0.82 0.00	33.84 0.89 0.00	30.04 0.90 0.00	35.51 0.90 0.00	45.46 1.16 0.00	53.14 1.34 0.00	105.51 1.25 -60.22	58.38 1.53 0.00	60.10 1.60 0.00	82.18 2.24 0.00	96.25 3.18 0.00	300.84 12.02 0.00	632.77 23.73 0.00	373.64 11.51 -8.40	82.03 1.82 0.00	93.92 1.85 0.00	89.91 1.78 0.00	58.07 1.34 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.86 0.03 0.00	32.80 -0.12 0.00	30.97 -0.20 0.00	30.17 -0.21 0.00	32.20 -0.25 0.00	36.07 -0.32 0.00	32.10 -0.37 0.00	32.59 -0.35 0.00	28.83 -0.31 0.00	34.43 -0.18 0.00	44.30 -0.01 0.00	51.88 0.09 0.00	44.19 0.14 0.00	57.24 0.32 -0.07	59.55 0.48 -0.57	82.48 0.71 -1.83	99.00 0.76 -5.17	299.70 2.28 -8.59	628.06 5.10 -13.92	368.03 3.01 -11.28	94.66 0.62 -13.83	113.89 0.66 -21.16	95.61 0.56 -6.92	56.90 0.17 0.00
HAMLTNNY_34_KV_TB 80303	40.35 0.52 0.00	33.11 0.19 0.00	31.21 0.03 0.00	30.36 -0.01 0.00	32.42 -0.03 0.00	36.28 -0.11 0.00	32.22 -0.24 0.00	32.72 -0.23 0.00	28.99 -0.15 0.00	34.74 0.13 0.00	44.85 0.55 0.00	52.58 0.78 0.00	44.75 0.71 0.00	58.00 1.09 -0.07	60.37 1.32 -0.55	83.49 1.80 -1.75	99.92 1.91 -4.94	302.08 5.04 -8.22	631.90 9.55 -13.31	370.13 5.61 -10.79	81.81 1.33 -0.27	95.18 1.62 -1.49	91.83 1.62 -2.08	57.59 0.86 0.00

HAMPSHIRE___PAPER_HYD 323593	41.79 1.97 0.00	34.36 1.44 0.00	32.01 0.84 0.00	30.90 0.52 0.00	32.98 0.53 0.00	37.13 0.74 0.00	33.35 0.89 0.00	33.91 0.96 0.00	29.97 0.83 0.00	35.68 1.06 0.00	45.61 1.30 0.00	53.31 1.52 0.00	45.28 1.23 0.00	58.48 1.61 -0.02	60.36 1.68 -0.18	82.96 2.45 -0.57	97.64 2.97 -1.60	301.28 9.79 -2.67	637.99 24.63 -4.32	376.68 19.44 -3.50	558.49 5.52 -472.77	769.88 6.29 -671.51	229.03 5.12 -135.77	60.30 2.55 -1.01
HARDSCRABBLE_WT_PWR 323673	40.36 0.53 0.00	33.42 0.50 0.00	31.82 0.65 0.00	31.13 0.75 0.00	33.25 0.80 0.00	37.29 0.90 0.00	33.21 0.75 0.00	33.45 0.50 0.00	29.17 0.03 0.00	34.16 -0.46 0.00	43.46 -0.85 0.00	50.68 -1.11 0.00	43.62 -0.43 0.00	55.99 -0.85 0.00	57.76 -0.74 0.00	79.16 -0.78 0.00	92.99 -0.08 0.00	292.90 4.07 0.00	626.27 17.23 0.00	365.49 11.76 0.00	82.28 2.07 0.00	94.42 2.36 0.00	90.03 1.90 0.00	57.77 1.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.77 0.75 -0.19	33.58 0.66 0.00	31.84 0.66 0.00	31.02 0.65 0.00	33.10 0.65 0.00	37.07 0.69 0.00	33.05 0.59 0.00	33.61 0.67 0.00	28.64 0.72 1.22	35.35 0.73 0.00	44.69 0.95 0.57	52.93 1.14 0.00	110.30 1.07 -65.18	58.13 1.28 0.00	59.91 1.41 0.00	81.90 1.96 0.00	95.83 2.75 0.00	299.33 10.50 0.00	629.13 20.09 0.00	370.42 9.10 -7.59	81.46 1.25 0.00	93.24 1.17 0.00	89.34 1.20 0.00	57.71 0.98 0.00
HARSNRAD_115KV_TB1 81005	41.04 1.21 0.00	33.23 0.31 0.00	31.04 -0.14 0.00	30.05 -0.32 0.00	32.22 -0.23 0.00	35.78 -0.61 0.00	31.58 -0.88 0.00	32.45 -0.49 0.00	29.25 0.11 0.00	36.05 1.44 0.00	46.82 2.51 0.00	54.63 2.84 0.00	46.13 2.08 0.00	59.94 3.09 0.00	61.82 3.33 0.00	84.07 4.13 0.00	95.94 2.86 0.00	289.28 0.46 0.00	605.64 -3.40 0.00	350.49 -3.25 0.00	80.07 -0.13 0.00	94.00 1.93 0.00	90.90 2.76 0.00	58.33 1.60 0.00
HARZA MOOSE___RIVER 24016	41.63 1.81 0.00	34.18 1.27 0.00	31.81 0.64 0.00	30.74 0.36 0.00	32.80 0.36 0.00	36.91 0.52 0.00	33.13 0.66 0.00	33.71 0.76 0.00	29.75 0.61 0.00	35.45 0.83 0.00	45.39 1.09 0.00	53.07 1.28 0.00	45.18 1.14 0.00	58.46 1.59 -0.02	60.40 1.75 -0.15	82.89 2.45 -0.49	97.62 3.16 -1.39	303.14 12.00 -2.31	643.65 30.86 -3.74	377.93 21.16 -3.03	216.10 5.12 -130.77	283.87 5.85 -185.96	130.88 4.81 -37.94	59.30 2.29 -0.28
HDSNBRDG_115KV_BRDG_TB1 355580	39.52 -0.30 0.00	32.53 -0.39 0.00	30.73 -0.44 0.00	29.94 -0.43 0.00	31.97 -0.48 0.00	35.81 -0.58 0.00	31.87 -0.59 0.00	32.38 -0.57 0.00	28.66 -0.48 0.00	34.24 -0.38 0.00	44.02 -0.29 0.00	51.54 -0.26 0.00	43.88 -0.16 0.00	56.85 -0.04 -0.04	58.89 0.07 -0.31	81.03 0.08 -1.00	95.87 -0.03 -2.83	293.22 -0.32 -4.71	616.38 -0.29 -7.63	359.51 -0.42 -6.19	95.42 -0.18 -15.40	114.82 -0.16 -22.91	94.42 -0.25 -6.54	56.40 -0.33 0.00
HELLGATE_13_KV_LD 55870	41.09 1.05 -0.21	33.84 0.92 0.00	32.08 0.91 0.00	31.23 0.86 0.00	33.31 0.86 0.00	37.31 0.92 0.00	33.29 0.83 0.00	33.92 0.97 0.00	31.17 1.08 -0.96	35.76 1.14 0.00	46.11 1.36 -0.45	53.38 1.58 0.00	120.09 1.47 -74.57	58.32 1.47 0.00	59.98 1.48 0.00	81.87 1.93 0.00	95.77 2.69 0.00	299.13 10.31 0.00	627.41 18.36 0.00	370.02 8.18 -8.10	81.21 1.00 0.00	92.90 0.83 0.00	89.06 0.93 0.00	57.96 1.23 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.09 1.05 -0.21	33.84 0.92 0.00	32.08 0.91 0.00	31.23 0.86 0.00	33.31 0.86 0.00	37.31 0.92 0.00	33.29 0.83 0.00	33.92 0.97 0.00	31.17 1.08 -0.96	35.76 1.14 0.00	46.11 1.36 -0.45	53.38 1.58 0.00	120.09 1.47 -74.57	58.32 1.47 0.00	59.98 1.48 0.00	81.87 1.93 0.00	95.77 2.69 0.00	299.13 10.31 0.00	627.41 18.36 0.00	370.02 8.18 -8.10	81.21 1.00 0.00	92.90 0.83 0.00	89.06 0.93 0.00	57.96 1.23 0.00
HEMPSTEAD___ 23647	40.70 0.65 -0.21	33.65 0.73 0.00	31.91 0.73 0.00	31.01 0.64 0.00	33.04 0.60 0.00	37.03 0.64 0.00	32.97 0.50 0.00	33.60 0.65 0.00	30.91 0.82 -0.95	35.36 0.75 0.00	48.23 1.56 -2.37	53.44 1.65 0.00	119.85 1.33 -74.47	57.99 1.14 0.00	59.41 0.91 0.00	81.00 1.05 0.00	94.28 1.22 0.00	289.55 4.41 3.69	419.40 6.17 195.82	289.52 1.31 65.53	71.60 -0.28 8.33	83.95 -0.21 7.91	73.50 -0.20 14.43	57.18 0.45 0.00
HICKLING___1 23621	40.32 0.49 0.00	33.05 0.13 0.00	31.11 -0.07 0.00	30.28 -0.09 0.00	32.25 -0.20 0.00	36.10 -0.29 0.00	32.06 -0.40 0.00	32.63 -0.32 0.00	28.89 -0.25 0.00	34.89 0.28 0.00	45.16 0.86 0.00	52.79 1.00 0.00	44.85 0.80 0.00	58.34 1.46 -0.02	60.25 1.56 -0.19	82.42 1.87 -0.60	96.24 1.46 -1.71	293.62 1.95 -2.84	622.78 9.14 -4.60	364.62 4.58 -6.30	81.39 1.10 -0.09	93.99 1.41 -0.51	90.53 1.69 -0.72	57.43 0.70 0.00
HICKLING___2 23622	40.32 0.49 0.00	33.05 0.13 0.00	31.11 -0.07 0.00	30.28 -0.09 0.00	32.25 -0.20 0.00	36.10 -0.29 0.00	32.06 -0.40 0.00	32.63 -0.32 0.00	28.89 -0.25 0.00	34.89 0.28 0.00	45.16 0.86 0.00	52.79 1.00 0.00	44.85 0.80 0.00	58.34 1.46 -0.02	60.25 1.56 -0.19	82.42 1.87 -0.60	96.24 1.46 -1.71	293.62 1.95 -2.84	622.78 9.14 -4.60	364.62 4.58 -6.30	81.39 1.10 -0.09	93.99 1.41 -0.51	90.53 1.69 -0.72	57.43 0.70 0.00
HIGH FALLS___HY 23754	40.88 0.94 -0.12	33.72 0.80 0.00	31.95 0.77 0.00	31.11 0.74 0.00	33.18 0.74 0.00	37.17 0.78 0.00	33.16 0.69 0.00	33.74 0.79 0.00	29.95 0.81 0.00	35.41 0.80 0.00	45.31 1.01 0.00	52.93 1.14 0.00	85.43 1.06 -40.32	58.09 1.24 0.00	59.60 1.10 0.00	81.57 1.63 0.00	95.75 2.67 0.00	299.93 11.10 0.00	631.65 22.61 0.00	375.92 10.61 -11.58	82.31 2.11 0.00	94.12 2.05 0.00	90.04 1.91 0.00	58.10 1.37 0.00
HIGH_RIVER___SOLAR 323847	40.73 1.04 0.14	33.76 0.84 0.00	31.98 0.80 0.00	31.17 0.80 0.00	33.29 0.85 0.00	37.35 0.96 0.00	33.29 0.83 0.00	33.56 0.61 0.00	29.30 0.16 0.00	34.40 -0.22 0.00	43.83 -0.48 0.00	51.17 -0.62 0.00	-3.83 -0.19 47.69	56.32 -0.53 0.00	58.00 -0.50 0.00	79.38 -0.57 0.00	93.03 -0.05 0.00	292.43 3.61 0.00	623.03 13.98 0.00	452.54 11.20 -87.60	82.69 2.48 0.00	94.83 2.76 0.00	90.67 2.54 0.00	58.36 1.63 0.00
HILLBURN___GT 23639	40.59 0.57 -0.19	33.45 0.53 0.00	31.72 0.54 0.00	30.90 0.53 0.00	32.99 0.54 0.00	36.94 0.55 0.00	32.94 0.47 0.00	33.50 0.56 0.00	28.37 0.64 1.41	35.25 0.63 0.00	44.43 0.78 0.66	52.68 0.89 0.00	112.11 0.79 -67.27	57.70 0.85 0.00	59.43 0.93 0.00	81.19 1.25 0.00	94.95 1.88 0.00	296.52 7.70 0.00	622.52 13.48 0.00	366.77 5.33 -7.70	80.66 0.45 0.00	92.35 0.28 0.00	88.54 0.41 0.00	57.33 0.60 0.00
HILLSIDE_115KV_TB1 80332	39.62 -0.21 0.00	32.56 -0.36 0.00	30.67 -0.50 0.00	29.89 -0.48 0.00	31.85 -0.60 0.00	35.67 -0.72 0.00	31.70 -0.76 0.00	32.26 -0.69 0.00	28.53 -0.61 0.00	34.35 -0.26 0.00	44.42 0.11 0.00	51.87 0.07 0.00	44.05 0.01 0.00	57.31 0.44 -0.02	59.16 0.46 -0.20	80.90 0.33 -0.63	94.52 -0.32 -1.77	288.28 -3.48 -2.95	610.90 -2.92 -4.77	357.50 -2.77 -6.54	79.73 -0.57 -0.10	92.14 -0.46 -0.53	88.87 -0.01 -0.74	56.34 -0.39 0.00

HISHELDN_WT_PWR 323625	40.92 1.09 0.00	33.15 0.23 0.00	30.99 -0.19 0.00	30.01 -0.35 0.00	32.11 -0.34 0.00	35.77 -0.63 0.00	31.63 -0.83 0.00	32.37 -0.58 0.00	28.99 -0.15 0.00	35.55 1.00 0.06	46.33 2.03 0.00	54.19 2.40 0.00	45.89 1.84 0.00	59.66 2.81 0.00	61.48 2.98 0.00	83.65 3.71 0.00	95.85 2.77 0.00	290.76 1.93 0.00	613.07 4.02 0.00	356.00 2.27 0.00	81.17 0.96 0.00	94.49 2.42 0.00	91.12 2.98 0.00	58.29 1.56 0.00
HOLTSVILLE_IC_1 23690	40.79 0.75 -0.21	33.99 1.07 0.00	32.26 1.08 0.00	31.32 0.94 0.00	33.27 0.82 0.00	37.38 0.99 0.00	33.23 0.77 0.00	33.87 0.93 0.00	31.24 1.15 -0.96	35.67 1.06 0.00	49.05 2.37 -2.37	54.13 2.33 0.00	118.39 1.71 -72.64	58.01 1.16 0.00	59.10 0.84 0.24	93.43 0.80 -12.68	91.03 0.89 2.93	282.83 2.27 8.27	199.86 0.19 409.38	211.07 -1.15 141.51	60.24 -0.74 19.23	71.57 -0.82 19.68	56.13 -1.06 30.94	56.76 0.03 0.00
HOLTSVILLE_IC_10 23699	41.00 0.96 -0.21	34.17 1.25 0.00	32.42 1.24 0.00	31.46 1.09 0.00	33.41 0.97 0.00	37.56 1.17 0.00	33.39 0.93 0.00	34.04 1.09 0.00	31.40 1.31 -0.96	35.88 1.26 0.00	49.38 2.70 -2.37	54.51 2.71 0.00	118.73 2.03 -72.66	58.47 1.62 0.00	59.61 1.42 0.31	94.96 1.62 -13.40	91.17 1.85 3.75	284.49 4.87 9.21	207.15 4.57 406.45	215.11 2.04 140.67	60.70 -0.05 19.46	71.73 -0.04 20.30	57.05 -0.40 30.68	57.12 0.39 0.00
HOLTSVILLE_IC_2 23691	40.79 0.75 -0.21	33.99 1.07 0.00	32.26 1.08 0.00	31.32 0.94 0.00	33.27 0.82 0.00	37.38 0.99 0.00	33.23 0.77 0.00	33.87 0.93 0.00	31.24 1.15 -0.96	35.67 1.06 0.00	49.05 2.37 -2.37	54.13 2.33 0.00	118.39 1.71 -72.64	58.01 1.16 0.00	59.10 0.84 0.24	93.43 0.80 -12.68	91.03 0.89 2.93	282.83 2.27 8.27	199.86 0.19 409.38	211.07 -1.15 141.51	60.24 -0.74 19.23	71.57 -0.82 19.68	56.13 -1.06 30.94	56.76 0.03 0.00
HOLTSVILLE_IC_3 23692	40.79 0.75 -0.21	33.99 1.07 0.00	32.26 1.08 0.00	31.32 0.94 0.00	33.27 0.82 0.00	37.38 0.99 0.00	33.23 0.77 0.00	33.87 0.93 0.00	31.24 1.15 -0.96	35.67 1.06 0.00	49.05 2.37 -2.37	54.13 2.33 0.00	118.39 1.71 -72.64	58.01 1.16 0.00	59.10 0.84 0.24	93.43 0.80 -12.68	91.03 0.89 2.93	282.83 2.27 8.27	199.86 0.19 409.38	211.07 -1.15 141.51	60.24 -0.74 19.23	71.57 -0.82 19.68	56.13 -1.06 30.94	56.76 0.03 0.00
HOLTSVILLE_IC_4 23693	40.79 0.75 -0.21	33.99 1.07 0.00	32.26 1.08 0.00	31.32 0.94 0.00	33.27 0.82 0.00	37.38 0.99 0.00	33.23 0.77 0.00	33.87 0.93 0.00	31.24 1.15 -0.96	35.67 1.06 0.00	49.05 2.37 -2.37	54.13 2.33 0.00	118.39 1.71 -72.64	58.01 1.16 0.00	59.10 0.84 0.24	93.43 0.80 -12.68	91.03 0.89 2.93	282.83 2.27 8.27	199.86 0.19 409.38	211.07 -1.15 141.51	60.24 -0.74 19.23	71.57 -0.82 19.68	56.13 -1.06 30.94	56.76 0.03 0.00
HOLTSVILLE_IC_5 23694	40.79 0.75 -0.21	33.99 1.07 0.00	32.26 1.08 0.00	31.32 0.94 0.00	33.27 0.82 0.00	37.38 0.99 0.00	33.23 0.77 0.00	33.87 0.93 0.00	31.24 1.15 -0.96	35.67 1.06 0.00	49.05 2.37 -2.37	54.13 2.33 0.00	118.39 1.71 -72.64	58.01 1.16 0.00	59.10 0.84 0.24	93.43 0.80 -12.68	91.03 0.89 2.93	282.83 2.27 8.27	199.86 0.19 409.38	211.07 -1.15 141.51	60.24 -0.74 19.23	71.57 -0.82 19.68	56.13 -1.06 30.94	56.76 0.03 0.00
HOLTSVILLE_IC_6 23695	41.00 0.96 -0.21	34.17 1.25 0.00	32.42 1.24 0.00	31.46 1.09 0.00	33.41 0.97 0.00	37.56 1.17 0.00	33.39 0.93 0.00	34.04 1.09 0.00	31.40 1.31 -0.96	35.88 1.26 0.00	49.38 2.70 -2.37	54.51 2.71 0.00	118.73 2.03 -72.66	58.47 1.62 0.00	59.61 1.42 0.31	94.96 1.62 -13.40	91.17 1.85 3.75	284.49 4.87 9.21	207.15 4.57 406.45	215.11 2.04 140.67	60.70 -0.05 19.46	71.73 -0.04 20.30	57.05 -0.40 30.68	57.12 0.39 0.00
HOLTSVILLE_IC_7 23696	41.00 0.96 -0.21	34.17 1.25 0.00	32.42 1.24 0.00	31.46 1.09 0.00	33.41 0.97 0.00	37.56 1.17 0.00	33.39 0.93 0.00	34.04 1.09 0.00	31.40 1.31 -0.96	35.88 1.26 0.00	49.38 2.70 -2.37	54.51 2.71 0.00	118.73 2.03 -72.66	58.47 1.62 0.00	59.61 1.42 0.31	94.96 1.62 -13.40	91.17 1.85 3.75	284.49 4.87 9.21	207.15 4.57 406.45	215.11 2.04 140.67	60.70 -0.05 19.46	71.73 -0.04 20.30	57.05 -0.40 30.68	57.12 0.39 0.00
HOLTSVILLE_IC_8 23697	41.00 0.96 -0.21	34.17 1.25 0.00	32.42 1.24 0.00	31.46 1.09 0.00	33.41 0.97 0.00	37.56 1.17 0.00	33.39 0.93 0.00	34.04 1.09 0.00	31.40 1.31 -0.96	35.88 1.26 0.00	49.38 2.70 -2.37	54.51 2.71 0.00	118.73 2.03 -72.66	58.47 1.62 0.00	59.61 1.42 0.31	94.96 1.62 -13.40	91.17 1.85 3.75	284.49 4.87 9.21	207.15 4.57 406.45	215.11 2.04 140.67	60.70 -0.05 19.46	71.73 -0.04 20.30	57.05 -0.40 30.68	57.12 0.39 0.00
HOLTSVILLE_IC_9 23698	41.00 0.96 -0.21	34.17 1.25 0.00	32.42 1.24 0.00	31.46 1.09 0.00	33.41 0.97 0.00	37.56 1.17 0.00	33.39 0.93 0.00	34.04 1.09 0.00	31.40 1.31 -0.96	35.88 1.26 0.00	49.38 2.70 -2.37	54.51 2.71 0.00	118.73 2.03 -72.66	58.47 1.62 0.00	59.61 1.42 0.31	94.96 1.62 -13.40	91.17 1.85 3.75	284.49 4.87 9.21	207.15 4.57 406.45	215.11 2.04 140.67	60.70 -0.05 19.46	71.73 -0.04 20.30	57.05 -0.40 30.68	57.12 0.39 0.00
HOMER_HL_115KV_TB2 355744	40.77 0.94 0.00	33.22 0.30 0.00	31.16 -0.02 0.00	30.32 -0.06 0.00	32.35 -0.10 0.00	36.05 -0.34 0.00	31.92 -0.55 0.00	32.65 -0.30 0.00	29.20 0.07 0.00	35.73 1.11 0.00	46.39 2.08 0.00	54.00 2.21 0.00	45.52 1.47 0.00	59.24 2.39 0.00	60.69 2.19 0.00	82.07 2.12 0.00	94.13 1.06 0.00	286.03 -2.79 0.00	605.69 -3.35 0.00	351.38 -2.35 0.00	79.85 -0.35 0.00	92.80 0.73 0.00	89.61 1.48 0.00	57.36 0.63 0.00
HOWARD_WT_PWR 323690	40.40 0.57 0.00	33.00 0.08 0.00	31.04 -0.14 0.00	30.20 -0.18 0.00	32.10 -0.35 0.00	35.88 -0.50 0.00	31.81 -0.65 0.00	32.52 -0.42 0.00	28.84 -0.30 0.00	35.19 0.55 -0.02	45.72 1.42 0.00	53.48 1.69 0.00	45.36 1.31 0.00	58.86 1.99 -0.02	60.64 2.00 -0.14	82.99 2.59 -0.45	96.47 2.12 -1.28	293.82 2.87 -2.13	624.54 12.06 -3.45	366.30 7.65 -4.91	82.29 2.01 -0.07	94.54 2.08 -0.38	90.70 2.03 -0.54	57.67 0.94 0.00
HQ_GEN_CEDARS 23644	40.97 1.14 0.00	33.89 0.97 0.00	32.01 0.84 0.00	31.07 0.70 0.00	33.20 0.75 0.00	37.28 0.89 0.00	33.37 0.90 0.00	33.86 0.91 0.00	30.01 0.87 0.00	35.72 1.10 0.00	45.64 1.33 0.00	53.39 1.60 0.00	45.28 1.23 0.00	58.34 1.48 0.00	59.94 1.45 0.00	82.06 2.11 0.00	95.30 2.23 0.00	293.71 4.89 0.00	615.81 6.77 0.00	360.61 6.88 0.00	831.79 2.88 -748.71	1152.10 3.19 -1056.85	290.29 2.73 -199.42	60.51 1.69 -2.09
HQ_GEN_CEDARS_PROXY 323590	40.97 1.14 0.00	33.89 0.97 0.00	32.01 0.83 0.00	31.07 0.70 0.00	33.20 0.75 0.00	37.28 0.89 0.00	33.36 0.90 0.00	33.86 0.91 0.00	29.88 0.87 0.12	35.72 1.10 0.00	45.64 1.33 0.00	53.39 1.60 0.00	42.37 1.23 2.91	54.07 1.48 4.27	58.87 1.45 1.08	82.05 2.11 0.00	95.30 2.23 0.00	293.71 4.89 0.00	615.82 6.77 0.00	360.60 6.87 0.00	831.79 2.87 -748.71	1152.11 3.20 -1056.85	290.28 2.73 -199.42	60.51 1.69 -2.09

HQ_GEN_IMPORT 323601	40.17 0.34 0.00	33.22 0.30 0.00	31.43 0.26 0.00	30.58 0.21 0.00	32.67 0.22 0.00	36.66 0.27 0.00	32.76 0.29 0.00	33.25 0.30 0.00	29.44 0.30 0.00	35.02 0.41 0.00	44.31 0.49 0.49	52.42 0.62 0.00	43.09 0.46 1.42	63.65 0.53 -6.27	59.00 0.50 0.00	80.67 0.72 0.00	93.82 0.75 0.00	290.07 1.24 0.00	611.37 2.33 0.00	385.89 1.96 -30.20	48.84 0.91 32.28	47.20 0.96 45.83	79.74 0.83 9.23	56.98 0.50 0.25
HQ_GEN_WHEEL 23651	40.17 0.34 0.00	33.22 0.30 0.00	31.43 0.26 0.00	30.58 0.21 0.00	32.67 0.22 0.00	36.66 0.27 0.00	32.76 0.29 0.00	33.25 0.30 0.00	29.44 0.30 0.00	35.02 0.41 0.00	44.31 0.49 0.49	52.42 0.62 0.00	43.09 0.46 1.42	63.65 0.53 -6.27	59.00 0.50 0.00	80.67 0.72 0.00	93.82 0.75 0.00	290.07 1.24 0.00	611.37 2.33 0.00	385.89 1.96 -30.20	48.84 0.91 32.28	47.20 0.96 45.83	79.74 0.83 9.23	56.98 0.50 0.25
HUDSON AVE_GT_3 23810	40.84 0.80 -0.21	33.65 0.73 0.00	31.91 0.74 0.00	31.08 0.71 0.00	33.15 0.70 0.00	37.12 0.73 0.00	33.12 0.65 0.00	33.73 0.78 0.00	30.98 0.89 -0.96	35.52 0.91 0.00	45.88 1.13 -0.45	53.03 1.24 0.00	119.74 1.12 -74.57	57.99 1.14 0.00	59.63 1.13 0.00	81.43 1.49 0.00	95.23 2.16 0.00	297.21 8.38 0.00	624.01 14.97 0.00	368.19 6.35 -8.10	80.86 0.65 0.00	92.62 0.55 0.00	88.79 0.65 0.00	57.58 0.85 0.00
HUDSON AVE_GT_4 23540	40.84 0.80 -0.21	33.65 0.73 0.00	31.91 0.74 0.00	31.08 0.71 0.00	33.15 0.70 0.00	37.12 0.73 0.00	33.12 0.65 0.00	33.73 0.78 0.00	30.98 0.89 -0.96	35.52 0.91 0.00	45.88 1.13 -0.45	53.03 1.24 0.00	119.74 1.12 -74.57	57.99 1.14 0.00	59.63 1.13 0.00	81.43 1.49 0.00	95.23 2.16 0.00	297.21 8.38 0.00	624.01 14.97 0.00	368.19 6.35 -8.10	80.86 0.65 0.00	92.62 0.55 0.00	88.79 0.65 0.00	57.58 0.85 0.00
HUDSON AVE_GT_5 23657	40.84 0.80 -0.21	33.65 0.73 0.00	31.91 0.74 0.00	31.08 0.71 0.00	33.15 0.70 0.00	37.12 0.73 0.00	33.12 0.65 0.00	33.73 0.78 0.00	30.98 0.89 -0.96	35.52 0.91 0.00	45.88 1.13 -0.45	53.03 1.24 0.00	119.74 1.12 -74.57	57.99 1.14 0.00	59.63 1.13 0.00	81.43 1.49 0.00	95.23 2.16 0.00	297.21 8.38 0.00	624.01 14.97 0.00	368.19 6.35 -8.10	80.86 0.65 0.00	92.62 0.55 0.00	88.79 0.65 0.00	57.58 0.85 0.00
HUDSON_AVE_10 24168	40.68 0.63 -0.21	33.52 0.60 0.00	31.79 0.61 0.00	30.95 0.58 0.00	33.02 0.57 0.00	36.97 0.59 0.00	32.98 0.51 0.00	33.60 0.65 0.00	30.86 0.76 -0.96	35.38 0.77 0.00	45.63 0.88 -0.45	52.75 0.96 0.00	120.52 0.88 -75.59	57.66 0.81 0.00	59.28 0.78 0.00	80.93 0.98 0.00	94.64 1.57 0.00	297.81 6.68 -2.31	620.97 11.66 -0.26	366.19 4.35 -8.10	80.38 0.17 0.00	92.05 -0.02 0.00	88.28 0.15 0.00	57.28 0.55 0.00
HUDSON___115KV_TB 4 355613	40.61 0.90 0.11	33.71 0.80 0.00	32.05 0.87 0.00	31.31 0.94 0.00	33.49 1.04 0.00	37.55 1.16 0.00	33.48 1.02 0.00	33.88 0.93 0.00	29.77 0.63 0.00	34.98 0.36 0.00	44.53 0.22 0.00	51.85 0.06 0.00	4.85 0.07 39.27	56.94 0.09 0.00	58.65 0.15 0.00	80.18 0.23 0.00	93.71 0.64 0.00	294.17 5.35 0.00	624.78 15.74 0.00	400.75 10.38 -36.63	82.08 1.87 0.00	94.21 2.14 0.00	90.07 1.94 0.00	58.00 1.27 0.00
HUNTER MOUNT___DRP 323613	40.76 1.00 0.07	33.77 0.86 0.00	32.10 0.93 0.00	31.37 0.99 0.00	33.55 1.11 0.00	37.62 1.24 0.00	33.54 1.08 0.00	33.96 1.01 0.00	29.84 0.70 0.00	35.02 0.40 0.00	44.59 0.28 0.00	51.96 0.16 0.00	19.68 0.23 24.60	57.18 0.33 0.00	58.95 0.45 0.00	80.63 0.69 0.00	94.29 1.22 0.00	296.20 7.37 0.00	629.56 20.52 0.00	397.98 12.84 -31.40	82.67 2.46 0.00	94.90 2.83 0.00	90.62 2.49 0.00	58.28 1.55 0.00
HUNTINGTON_RES_REC 323705	40.70 0.66 -0.21	33.84 0.92 0.00	32.08 0.91 0.00	31.14 0.77 0.00	33.11 0.66 0.00	37.16 0.77 0.00	33.03 0.56 0.00	33.65 0.70 0.00	31.04 0.95 -0.95	35.46 0.84 0.00	48.87 2.20 -2.37	54.09 2.30 0.00	118.53 1.82 -72.66	58.27 1.42 0.00	58.44 0.84 0.89	111.46 0.87 -30.64	83.91 1.19 10.36	274.98 3.19 17.04	202.51 2.47 409.00	210.69 -0.12 142.93	57.20 -0.56 22.45	65.01 -0.73 26.32	56.60 -0.95 30.58	56.88 0.15 0.00
HUNTLEY___63 23557	41.58 1.75 0.00	33.64 0.73 0.00	31.41 0.24 0.00	30.42 0.05 0.00	32.58 0.13 0.00	36.18 -0.21 0.00	31.92 -0.54 0.00	32.79 -0.16 0.00	29.56 0.42 0.00	36.49 1.87 0.00	47.53 3.23 0.00	55.62 3.83 0.00	47.05 3.00 0.00	61.25 4.40 0.00	63.20 4.70 0.00	85.80 5.86 0.00	97.91 4.83 0.00	295.46 6.63 0.00	618.66 9.62 0.00	357.55 3.81 0.00	81.49 1.28 0.00	95.60 3.53 0.00	92.41 4.28 0.00	59.40 2.67 0.00
HUNTLEY___64 23558	41.58 1.75 0.00	33.64 0.73 0.00	31.41 0.24 0.00	30.42 0.05 0.00	32.58 0.13 0.00	36.18 -0.21 0.00	31.92 -0.54 0.00	32.79 -0.16 0.00	29.56 0.42 0.00	36.49 1.87 0.00	47.53 3.23 0.00	55.62 3.83 0.00	47.05 3.00 0.00	61.25 4.40 0.00	63.20 4.70 0.00	85.80 5.86 0.00	97.91 4.83 0.00	295.46 6.63 0.00	618.66 9.62 0.00	357.55 3.81 0.00	81.49 1.28 0.00	95.60 3.53 0.00	92.41 4.28 0.00	59.40 2.67 0.00
HUNTLEY___65 23559	41.58 1.75 0.00	33.64 0.73 0.00	31.41 0.24 0.00	30.42 0.05 0.00	32.58 0.13 0.00	36.18 -0.21 0.00	31.92 -0.54 0.00	32.79 -0.16 0.00	29.56 0.42 0.00	36.49 1.87 0.00	47.53 3.23 0.00	55.62 3.83 0.00	47.05 3.00 0.00	61.25 4.40 0.00	63.20 4.70 0.00	85.80 5.86 0.00	97.91 4.83 0.00	295.46 6.63 0.00	618.66 9.62 0.00	357.55 3.81 0.00	81.49 1.28 0.00	95.60 3.53 0.00	92.41 4.28 0.00	59.40 2.67 0.00
HUNTLEY___66 23560	41.58 1.75 0.00	33.64 0.73 0.00	31.41 0.24 0.00	30.42 0.05 0.00	32.58 0.13 0.00	36.18 -0.21 0.00	31.92 -0.54 0.00	32.79 -0.16 0.00	29.56 0.42 0.00	36.49 1.87 0.00	47.53 3.23 0.00	55.62 3.83 0.00	47.05 3.00 0.00	61.25 4.40 0.00	63.20 4.70 0.00	85.80 5.86 0.00	97.91 4.83 0.00	295.46 6.63 0.00	618.66 9.62 0.00	357.55 3.81 0.00	81.49 1.28 0.00	95.60 3.53 0.00	92.41 4.28 0.00	59.40 2.67 0.00
HUNTLEY___67 23561	41.11 1.28 0.00	33.30 0.38 0.00	31.11 -0.06 0.00	30.15 -0.22 0.00	32.29 -0.16 0.00	35.85 -0.53 0.00	31.67 -0.79 0.00	32.50 -0.44 0.00	29.27 0.14 0.00	36.08 1.46 0.00	46.97 2.66 0.00	54.94 3.15 0.00	46.46 2.42 0.00	60.45 3.60 0.00	62.32 3.82 0.00	84.74 4.80 0.00	96.89 3.82 0.00	292.52 3.70 0.00	612.72 3.68 0.00	354.19 0.46 0.00	80.80 0.59 0.00	94.68 2.62 0.00	91.37 3.24 0.00	58.62 1.89 0.00
HUNTLEY___68 23562	41.11 1.28 0.00	33.30 0.38 0.00	31.11 -0.06 0.00	30.15 -0.22 0.00	32.29 -0.16 0.00	35.85 -0.53 0.00	31.67 -0.79 0.00	32.50 -0.44 0.00	29.27 0.14 0.00	36.08 1.46 0.00	46.97 2.66 0.00	54.94 3.15 0.00	46.46 2.42 0.00	60.45 3.60 0.00	62.32 3.82 0.00	84.74 4.80 0.00	96.89 3.82 0.00	292.52 3.70 0.00	612.72 3.68 0.00	354.19 0.46 0.00	80.80 0.59 0.00	94.68 2.62 0.00	91.37 3.24 0.00	58.62 1.89 0.00

HYLAND___LFGE 323620	43.01 3.18 0.00	34.96 2.04 0.00	32.78 1.60 0.00	31.78 1.40 0.00	33.87 1.43 0.00	37.75 1.36 0.00	33.50 1.04 0.00	34.10 1.15 0.00	29.89 0.76 0.00	36.13 1.51 0.00	46.90 2.59 0.00	54.87 3.08 0.00	46.38 2.33 0.00	59.37 2.52 0.00	60.88 2.38 0.00	82.92 2.97 0.00	95.71 2.64 0.00	292.92 4.09 0.00	624.31 15.27 0.00	369.19 15.45 0.00	85.02 4.82 0.00	98.43 6.36 0.00	94.00 5.87 0.00	59.95 3.22 0.00
INDECK___CORINTH 23802	40.82 1.18 0.18	33.90 0.97 0.00	32.18 1.01 0.00	31.41 1.03 0.00	33.55 1.11 0.00	37.64 1.25 0.00	33.49 1.02 0.00	33.93 0.99 0.00	30.00 0.86 0.00	35.39 0.78 0.00	44.82 0.51 0.00	52.13 0.34 0.00	-19.34 0.42 63.81	57.55 0.69 0.00	59.28 0.78 0.00	81.32 1.38 0.00	95.84 2.77 0.00	301.86 13.04 0.00	644.47 35.42 0.00	457.77 20.11 -83.93	83.90 3.69 0.00	95.99 3.92 0.00	91.17 3.04 0.00	58.63 1.90 0.00
INDECK___ILION 23567	40.12 0.29 0.00	33.19 0.27 0.00	31.53 0.36 0.00	30.78 0.41 0.00	32.88 0.43 0.00	36.88 0.49 0.00	32.87 0.40 0.00	33.23 0.28 0.00	29.15 0.02 0.00	34.36 -0.25 0.00	43.85 -0.45 0.00	51.19 -0.60 0.00	43.81 -0.24 0.00	56.41 -0.44 0.00	58.13 -0.36 0.00	79.54 -0.40 0.00	93.09 0.01 0.00	291.51 2.68 0.00	619.22 10.18 0.00	360.54 6.80 0.00	81.35 1.14 0.00	93.35 1.28 0.00	89.15 1.02 0.00	57.29 0.56 0.00
INDECK___OLEAN 23982	40.76 0.94 0.00	33.22 0.30 0.00	31.16 -0.02 0.00	30.31 -0.06 0.00	32.35 -0.10 0.00	36.05 -0.34 0.00	31.92 -0.55 0.00	32.65 -0.30 0.00	29.20 0.06 0.00	35.56 1.11 0.17	46.38 2.08 0.00	54.00 2.21 0.00	45.51 1.46 0.00	59.25 2.40 0.00	60.69 2.19 0.00	82.07 2.13 0.00	94.13 1.06 0.00	286.02 -2.80 0.00	605.74 -3.30 0.00	351.41 -2.32 0.00	79.84 -0.36 0.00	92.79 0.72 0.00	89.65 1.52 0.00	57.36 0.63 0.00
INDECK___OSWEGO 23783	39.18 -0.64 0.00	32.27 -0.65 0.00	30.44 -0.73 0.00	29.62 -0.76 0.00	31.62 -0.83 0.00	35.45 -0.94 0.00	31.59 -0.88 0.00	32.09 -0.86 0.00	28.39 -0.75 0.00	33.83 -0.78 0.00	43.43 -0.88 0.00	50.82 -0.97 0.00	43.26 -0.79 0.00	56.05 -0.97 -0.17	58.87 -1.00 -1.37	83.06 -1.25 -4.37	103.85 -1.58 -12.36	304.73 -4.65 -20.55	630.18 -12.15 -33.28	373.59 -7.12 -26.98	108.59 -1.57 -29.95	135.59 -1.77 -45.30	99.88 -1.81 -13.56	55.74 -1.05 -0.06
INDECK___YERKES 23781	41.63 1.80 0.00	33.69 0.77 0.00	31.45 0.28 0.00	30.45 0.08 0.00	32.61 0.16 0.00	36.22 -0.17 0.00	31.96 -0.51 0.00	32.82 -0.13 0.00	29.59 0.45 0.00	36.42 1.92 0.11	47.58 3.28 0.00	55.67 3.88 0.00	47.10 3.05 0.00	61.32 4.47 0.00	63.27 4.77 0.00	85.85 5.91 0.00	97.94 4.86 0.00	295.46 6.64 0.00	618.79 9.75 0.00	357.64 3.90 0.00	81.48 1.28 0.00	95.61 3.55 0.00	92.53 4.40 0.00	59.47 2.75 0.00
INDIAN POINT_GT_1 24139	40.54 0.50 -0.21	33.42 0.50 0.00	31.71 0.53 0.00	30.90 0.52 0.00	32.98 0.53 0.00	36.93 0.54 0.00	32.94 0.48 0.00	33.51 0.56 0.00	30.90 0.64 -1.13	35.20 0.58 0.00	45.54 0.71 -0.53	52.57 0.78 0.00	117.94 0.71 -73.18	57.55 0.70 0.00	59.20 0.70 0.00	80.85 0.90 0.00	94.55 1.48 0.00	295.22 6.40 0.00	620.48 11.44 0.00	366.16 4.41 -8.02	80.46 0.24 0.00	92.19 0.12 0.00	88.38 0.24 0.00	57.22 0.49 0.00
INDIAN POINT_GT_2 23659	40.54 0.50 -0.21	33.42 0.50 0.00	31.71 0.53 0.00	30.90 0.52 0.00	32.98 0.53 0.00	36.93 0.54 0.00	32.94 0.48 0.00	33.51 0.56 0.00	30.90 0.64 -1.13	35.20 0.58 0.00	45.54 0.71 -0.53	52.57 0.78 0.00	117.94 0.71 -73.18	57.55 0.70 0.00	59.20 0.70 0.00	80.85 0.90 0.00	94.55 1.48 0.00	295.22 6.40 0.00	620.48 11.44 0.00	366.16 4.41 -8.02	80.46 0.24 0.00	92.19 0.12 0.00	88.38 0.24 0.00	57.22 0.49 0.00
INDIAN POINT_GT_3 24019	40.54 0.50 -0.21	33.42 0.50 0.00	31.71 0.53 0.00	30.90 0.52 0.00	32.98 0.53 0.00	36.93 0.54 0.00	32.94 0.48 0.00	33.51 0.56 0.00	30.90 0.64 -1.13	35.20 0.58 0.00	45.54 0.71 -0.53	52.57 0.78 0.00	117.94 0.71 -73.18	57.55 0.70 0.00	59.20 0.70 0.00	80.85 0.90 0.00	94.55 1.48 0.00	295.22 6.40 0.00	620.48 11.44 0.00	366.16 4.41 -8.02	80.46 0.24 0.00	92.19 0.12 0.00	88.38 0.24 0.00	57.22 0.49 0.00
INDIAN POINT___2 23530	40.50 0.47 -0.20	33.39 0.47 0.00	31.67 0.50 0.00	30.87 0.49 0.00	32.94 0.50 0.00	36.90 0.51 0.00	32.90 0.44 0.00	33.47 0.52 0.00	31.29 0.60 -1.55	35.17 0.56 0.00	45.69 0.66 -0.72	52.52 0.73 0.00	115.63 0.66 -70.92	57.49 0.64 0.00	59.15 0.65 0.00	80.77 0.82 0.00	94.44 1.37 0.00	294.90 6.07 0.00	619.50 10.46 0.00	365.45 3.83 -7.89	80.34 0.13 0.00	92.04 -0.03 0.00	88.23 0.10 0.00	57.17 0.44 0.00
INDIAN POINT___3 23531	40.50 0.46 -0.21	33.39 0.47 0.00	31.68 0.51 0.00	30.88 0.50 0.00	32.96 0.51 0.00	36.91 0.52 0.00	32.92 0.46 0.00	33.49 0.54 0.00	30.91 0.61 -1.17	35.17 0.56 0.00	45.51 0.66 -0.54	52.51 0.72 0.00	117.97 0.64 -73.28	57.47 0.62 0.00	59.12 0.62 0.00	80.75 0.80 0.00	94.41 1.34 0.00	294.87 6.04 0.00	619.51 10.47 0.00	365.60 3.85 -8.02	80.34 0.13 0.00	92.04 -0.03 0.00	88.27 0.14 0.00	57.16 0.44 0.00
INGHAM_C_115KV_TB7 356103	40.40 0.57 0.00	33.47 0.55 0.00	31.94 0.77 0.00	31.26 0.89 0.00	33.39 0.94 0.00	37.46 1.07 0.00	33.33 0.87 0.00	33.51 0.56 0.00	29.10 -0.04 0.00	33.93 -0.68 0.00	43.08 -1.22 0.00	50.19 -1.61 0.00	43.35 -0.70 0.00	55.54 -1.31 0.00	57.33 -1.17 0.00	78.62 -1.32 0.00	92.57 -0.50 0.00	292.73 3.91 0.00	628.15 19.10 0.00	367.23 13.50 0.00	82.56 2.35 0.00	94.77 2.70 0.00	90.27 2.14 0.00	57.89 1.16 0.00
IP CORINTH___1 23988	41.05 1.41 0.18	34.07 1.15 0.00	32.34 1.17 0.00	31.56 1.19 0.00	33.73 1.27 0.00	37.83 1.44 0.00	33.66 1.19 0.00	34.10 1.16 0.00	30.14 1.01 0.00	35.58 0.96 0.00	45.06 0.76 0.00	52.43 0.64 0.00	-19.08 0.69 63.81	57.88 1.03 0.00	59.63 1.13 0.00	81.80 1.86 0.00	96.36 3.29 0.00	303.47 14.65 0.00	647.87 38.82 0.00	459.74 22.08 -83.93	84.37 4.16 0.00	96.52 4.45 0.00	91.69 3.56 0.00	58.96 2.23 0.00
IP___TICONDEROGA 23804	43.45 3.81 0.19	35.99 3.07 0.00	34.11 2.94 0.00	33.23 2.86 0.00	35.54 3.09 0.00	39.81 3.42 0.00	35.23 2.77 0.00	35.63 2.68 0.00	31.74 2.61 0.00	37.43 2.82 0.00	47.67 3.37 0.00	55.15 3.36 0.00	-18.02 3.34 65.40	61.78 4.92 0.00	63.21 4.71 0.00	86.67 6.73 0.00	102.93 9.86 0.00	326.02 37.20 0.00	695.19 86.15 0.00	488.50 51.61 -83.14	90.13 9.92 0.00	102.97 10.90 0.00	97.46 9.32 0.00	62.43 5.70 0.00
ISLIP_RES_REC 323679	41.18 1.14 -0.21	34.31 1.39 0.00	32.54 1.37 0.00	31.57 1.19 0.00	33.52 1.08 0.00	37.68 1.29 0.00	33.50 1.04 0.00	34.17 1.22 0.00	31.52 1.43 -0.95	36.03 1.41 0.00	49.60 2.92 -2.37	54.81 3.01 0.00	119.04 2.31 -72.68	58.87 2.02 0.00	60.05 1.86 0.30	94.19 2.22 -12.03	91.93 2.59 3.73	286.85 7.14 9.11	214.33 9.45 404.16	218.50 4.62 139.86	61.41 0.54 19.33	72.52 0.61 20.15	57.78 0.14 30.50	57.44 0.71 0.00

JAMAICA__27_KV_LOAD 355505	40.93 0.88 -0.21	33.72 0.80 0.00	31.96 0.78 0.00	31.11 0.74 0.00	33.18 0.73 0.00	37.16 0.77 0.00	33.13 0.67 0.00	33.76 0.82 0.00	31.02 0.92 -0.96	35.59 0.97 0.00	45.79 1.04 -0.45	52.91 1.11 0.00	120.89 0.99 -75.85	57.82 0.97 0.00	59.43 0.93 0.00	81.05 1.10 0.00	94.76 1.69 0.00	298.86 7.16 -2.88	621.92 12.55 -0.33	366.82 4.99 -8.10	80.43 0.22 0.00	92.11 0.05 0.00	88.48 0.35 0.00	57.43 0.70 0.00
JANIS__SOLAR 323808	41.54 1.71 0.00	34.14 1.22 0.00	32.20 1.02 0.00	31.35 0.98 0.00	33.49 1.04 0.00	37.48 1.10 0.00	33.31 0.84 0.00	33.75 0.80 0.00	29.59 0.45 0.00	35.25 0.60 -0.04	45.21 0.91 0.00	52.85 1.06 0.00	44.98 0.93 0.00	58.30 1.41 -0.03	60.39 1.62 -0.28	83.18 2.36 -0.88	98.69 3.13 -2.49	303.76 10.79 -4.15	646.64 30.88 -6.72	384.99 21.78 -9.48	85.39 5.04 -0.13	98.29 5.47 -0.75	93.82 4.64 -1.05	59.12 2.39 0.00
JARVIS____ 23743	39.80 -0.03 0.00	32.89 -0.03 0.00	31.17 0.00 0.00	30.38 0.01 0.00	32.45 0.00 0.00	36.41 0.02 0.00	32.46 0.00 0.00	32.95 0.00 0.00	29.10 -0.04 0.00	34.51 -0.11 0.00	44.15 -0.16 0.00	51.59 -0.20 0.00	43.91 -0.14 0.00	56.68 -0.17 0.00	58.32 -0.18 0.00	79.72 -0.23 0.00	92.88 -0.19 0.00	288.96 0.14 0.00	609.83 0.79 0.00	354.06 0.32 0.00	80.12 -0.09 0.00	91.98 -0.09 0.00	88.04 -0.09 0.00	56.67 -0.06 0.00
JENNISON____1 23625	41.42 1.59 0.00	34.10 1.18 0.00	32.25 1.07 0.00	31.43 1.06 0.00	33.58 1.13 0.00	37.60 1.22 0.00	33.43 0.97 0.00	33.85 0.90 0.00	29.92 0.78 0.00	35.70 1.08 0.00	45.90 1.59 0.00	53.66 1.86 0.00	45.66 1.61 0.00	59.13 2.26 -0.02	61.11 2.41 -0.20	83.94 3.36 -0.63	99.12 4.26 -1.79	305.21 13.40 -2.98	647.74 33.87 -4.82	384.26 20.06 -10.46	84.75 4.44 -0.10	97.43 4.83 -0.54	92.75 3.87 -0.75	58.32 1.59 0.00
JENNISON____2 23626	41.42 1.59 0.00	34.10 1.18 0.00	32.25 1.07 0.00	31.43 1.06 0.00	33.58 1.13 0.00	37.60 1.22 0.00	33.43 0.97 0.00	33.85 0.90 0.00	29.92 0.78 0.00	35.70 1.08 0.00	45.90 1.59 0.00	53.66 1.86 0.00	45.66 1.61 0.00	59.13 2.26 -0.02	61.11 2.41 -0.20	83.94 3.36 -0.63	99.12 4.26 -1.79	305.21 13.40 -2.98	647.74 33.87 -4.82	384.26 20.06 -10.46	84.75 4.44 -0.10	97.43 4.83 -0.54	92.75 3.87 -0.75	58.32 1.59 0.00
JERICOHO_RISE_WT_PWR 323719	40.12 0.29 0.00	33.19 0.28 0.00	31.44 0.26 0.00	30.48 0.11 0.00	32.57 0.12 0.00	36.60 0.21 0.00	32.76 0.30 0.00	33.27 0.33 0.00	29.48 0.35 0.00	35.18 0.56 0.00	45.01 0.71 0.00	52.79 1.00 0.00	44.74 0.70 0.00	57.64 0.79 0.00	59.21 0.71 0.00	80.99 1.04 0.00	94.30 1.23 0.00	290.77 1.94 0.00	614.27 5.23 0.00	357.83 4.09 0.00	-60.98 1.78 142.97	-115.66 1.93 209.66	32.07 0.97 57.03	57.50 0.54 -0.23
KATONAH__115KV_46KV_TB4 355592	40.75 0.70 -0.21	33.57 0.65 0.00	31.86 0.68 0.00	31.04 0.67 0.00	33.12 0.67 0.00	37.11 0.72 0.00	33.10 0.64 0.00	33.69 0.74 0.00	30.57 0.80 -0.63	35.40 0.79 0.00	45.62 1.02 -0.30	52.94 1.15 0.00	119.86 1.06 -74.75	58.07 1.22 0.00	59.77 1.27 0.00	81.67 1.72 0.00	95.52 2.45 0.00	298.24 9.42 0.00	626.82 17.78 0.00	369.99 8.01 -8.25	81.23 1.02 0.00	93.03 0.96 0.00	89.10 0.97 0.00	57.62 0.89 0.00
KCE_NY_1 323755	40.92 1.29 0.19	33.98 1.06 0.00	32.29 1.12 0.00	31.52 1.15 0.00	33.70 1.25 0.00	37.84 1.45 0.00	33.71 1.25 0.00	34.14 1.20 0.00	30.12 0.98 0.00	35.50 0.89 0.00	45.21 0.91 0.00	52.64 0.85 0.00	-22.78 0.82 67.64	58.12 1.27 0.00	59.84 1.34 0.00	82.04 2.09 0.00	96.22 3.14 0.00	301.97 13.15 0.00	641.22 32.18 0.00	453.85 18.07 -82.05	83.52 3.31 0.00	95.73 3.66 0.00	91.30 3.17 0.00	58.77 2.04 0.00
KCE_NY_6_ESR 323823	41.50 1.67 0.00	33.59 0.68 0.00	31.37 0.20 0.00	30.40 0.02 0.00	32.54 0.09 0.00	36.16 -0.23 0.00	31.94 -0.52 0.00	32.77 -0.17 0.00	29.49 0.35 0.00	36.21 1.72 0.13	47.33 3.03 0.00	55.40 3.61 0.00	46.90 2.86 0.00	61.08 4.23 0.00	62.95 4.46 0.00	85.61 5.67 0.00	97.99 4.92 0.00	296.37 7.54 0.00	622.84 13.80 0.00	360.43 6.70 0.00	82.09 1.88 0.00	95.88 3.82 0.00	92.50 4.37 0.00	59.20 2.47 0.00
KEDC_PORT_JEFF_GT2 24210	40.93 0.89 -0.21	34.14 1.23 0.00	32.37 1.19 0.00	31.41 1.03 0.00	33.36 0.91 0.00	37.49 1.10 0.00	33.34 0.88 0.00	33.98 1.03 0.00	31.35 1.26 -0.96	35.82 1.20 0.00	49.30 2.62 -2.37	54.43 2.64 0.00	118.69 1.99 -72.65	58.41 1.56 0.00	59.48 1.33 0.34	96.44 1.51 -14.98	90.68 1.71 4.10	282.39 3.23 9.67	202.38 1.22 407.88	212.15 -0.34 141.24	60.34 -0.18 19.69	71.15 -0.22 20.70	56.78 -0.58 30.77	56.98 0.25 0.00
KEDC_PORT_JEFF_GT3 24211	40.93 0.89 -0.21	34.14 1.23 0.00	32.37 1.19 0.00	31.41 1.03 0.00	33.36 0.91 0.00	37.49 1.10 0.00	33.34 0.88 0.00	33.98 1.03 0.00	31.35 1.26 -0.96	35.82 1.20 0.00	49.30 2.62 -2.37	54.43 2.64 0.00	118.69 1.99 -72.65	58.41 1.56 0.00	59.48 1.33 0.34	96.44 1.51 -14.98	90.68 1.71 4.10	282.39 3.23 9.67	202.38 1.22 407.88	212.15 -0.34 141.24	60.34 -0.18 19.69	71.15 -0.22 20.70	56.78 -0.58 30.77	56.98 0.25 0.00
KEDC_GLWD_GT4 24219	40.91 0.87 -0.21	33.77 0.85 0.00	32.02 0.85 0.00	31.15 0.78 0.00	33.21 0.76 0.00	37.20 0.82 0.00	33.15 0.68 0.00	33.77 0.82 0.00	31.03 0.94 -0.95	35.55 0.94 0.00	48.30 1.63 -2.37	53.57 1.78 0.00	120.09 1.53 -74.51	58.40 1.54 0.00	59.91 1.41 0.00	81.77 1.83 0.00	94.87 1.80 0.00	293.40 6.65 2.08	491.17 10.99 128.86	316.91 3.91 40.73	74.95 0.20 5.46	87.12 0.24 5.19	79.31 0.64 9.47	57.64 0.92 0.00
KEDC_GLWD_GT5 24220	40.91 0.87 -0.21	33.77 0.85 0.00	32.02 0.85 0.00	31.15 0.78 0.00	33.21 0.76 0.00	37.20 0.82 0.00	33.15 0.68 0.00	33.77 0.82 0.00	31.03 0.94 -0.95	35.55 0.94 0.00	48.30 1.63 -2.37	53.57 1.78 0.00	120.09 1.53 -74.51	58.40 1.54 0.00	59.91 1.41 0.00	81.77 1.83 0.00	94.87 1.80 0.00	293.40 6.65 2.08	491.17 10.99 128.86	316.91 3.91 40.73	74.95 0.20 5.46	87.12 0.24 5.19	79.31 0.64 9.47	57.64 0.92 0.00
KENSICO____ 23655	40.63 0.59 -0.21	33.51 0.59 0.00	31.78 0.61 0.00	30.97 0.60 0.00	33.05 0.60 0.00	37.02 0.63 0.00	33.02 0.55 0.00	33.59 0.64 0.00	30.89 0.72 -1.03	35.31 0.69 0.00	45.66 0.88 -0.48	52.74 0.95 0.00	119.29 0.86 -74.38	57.72 0.87 0.00	59.35 0.86 0.00	81.06 1.12 0.00	94.78 1.71 0.00	295.85 7.03 0.00	621.76 12.71 0.00	366.97 5.15 -8.08	80.62 0.41 0.00	92.39 0.32 0.00	88.56 0.43 0.00	57.38 0.65 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.90 0.94 -0.13	33.72 0.80 0.00	31.95 0.78 0.00	31.11 0.74 0.00	33.19 0.75 0.00	37.18 0.79 0.00	33.17 0.70 0.00	33.73 0.78 0.00	29.70 0.78 0.21	35.37 0.76 0.00	45.14 0.93 0.10	52.83 1.04 0.00	90.15 0.99 -45.11	58.00 1.15 0.00	59.41 0.91 0.00	81.34 1.40 0.00	95.47 2.40 0.00	299.23 10.41 0.00	630.73 21.69 0.00	373.84 10.17 -9.94	82.37 2.16 0.00	94.19 2.12 0.00	90.09 1.96 0.00	58.11 1.38 0.00

KIAC_JFK_GT1 23816	40.67 0.63 -0.21	33.51 0.59 0.00	31.77 0.59 0.00	30.94 0.56 0.00	33.00 0.55 0.00	36.96 0.57 0.00	32.95 0.48 0.00	33.57 0.62 0.00	30.85 0.75 -0.96	35.38 0.76 0.00	45.51 0.76 -0.45	52.52 0.73 0.00	120.44 0.54 -75.85	57.24 0.39 0.00	58.84 0.34 0.00	80.20 0.25 0.00	93.79 0.72 0.00	295.69 3.99 -2.88	615.22 5.85 -0.33	362.97 1.14 -8.10	79.55 -0.66 0.00	91.12 -0.94 0.00	87.55 -0.58 0.00	56.85 0.12 0.00
KIAC_JFK_GT2 23817	40.67 0.63 -0.21	33.51 0.59 0.00	31.77 0.59 0.00	30.94 0.56 0.00	33.00 0.55 0.00	36.96 0.57 0.00	32.95 0.48 0.00	33.57 0.62 0.00	30.85 0.75 -0.96	35.38 0.76 0.00	45.51 0.76 -0.45	52.52 0.73 0.00	120.44 0.54 -75.85	57.24 0.39 0.00	58.84 0.34 0.00	80.20 0.25 0.00	93.79 0.72 0.00	295.69 3.99 -2.88	615.22 5.85 -0.33	362.97 1.14 -8.10	79.55 -0.66 0.00	91.12 -0.94 0.00	87.55 -0.58 0.00	56.85 0.12 0.00
KIAC_JFK____ 323774	40.67 0.63 -0.21	33.51 0.59 0.00	31.77 0.60 0.00	30.93 0.56 0.00	33.00 0.55 0.00	36.96 0.57 0.00	32.94 0.48 0.00	33.57 0.62 0.00	30.85 0.75 -0.96	35.38 0.76 0.00	45.51 0.76 -0.45	52.52 0.73 0.00	120.45 0.55 -75.85	57.24 0.39 0.00	58.83 0.34 0.00	80.20 0.25 0.00	93.80 0.72 0.00	295.69 3.99 -2.88	615.22 5.85 -0.33	362.91 1.08 -8.10	79.55 -0.66 0.00	91.13 -0.94 0.00	87.53 -0.60 0.00	56.85 0.12 0.00
KINTIGH__24_KV_GSU 356498	40.88 1.06 0.00	33.24 0.32 0.00	31.13 -0.05 0.00	30.20 -0.17 0.00	32.33 -0.12 0.00	35.94 -0.45 0.00	31.79 -0.68 0.00	32.57 -0.38 0.00	29.25 0.12 0.00	35.76 1.24 0.09	46.57 2.27 0.00	54.46 2.67 0.00	46.09 2.04 0.00	59.92 3.07 0.00	61.77 3.27 0.00	84.00 4.06 0.00	96.32 3.25 0.00	290.82 2.00 0.00	606.43 -2.61 0.00	350.97 -2.76 0.00	80.48 0.27 0.00	94.18 2.11 0.00	90.80 2.66 0.00	58.22 1.49 0.00
KINTIGH____ 23543	40.86 1.03 0.00	33.22 0.30 0.00	31.11 -0.07 0.00	30.17 -0.20 0.00	32.30 -0.14 0.00	35.92 -0.47 0.00	31.77 -0.70 0.00	32.54 -0.41 0.00	29.22 0.09 0.00	35.82 1.21 0.00	46.53 2.23 0.00	54.43 2.63 0.00	46.06 2.01 0.00	59.87 3.01 0.00	61.72 3.22 0.00	83.94 4.00 0.00	96.24 3.17 0.00	290.82 1.99 0.00	607.04 -2.01 0.00	351.25 -2.48 0.00	80.45 0.24 0.00	94.12 2.05 0.00	90.69 2.56 0.00	58.18 1.45 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.62 0.79 0.00	33.58 0.66 0.00	31.82 0.64 0.00	30.85 0.48 0.00	32.93 0.49 0.00	37.01 0.62 0.00	33.11 0.64 0.00	33.59 0.64 0.00	29.71 0.58 0.00	35.51 0.89 0.00	45.44 1.14 0.00	53.26 1.47 0.00	45.03 0.98 0.00	57.96 1.11 0.00	59.57 1.07 0.00	81.44 1.50 0.00	95.10 2.03 0.00	293.42 4.59 0.00	622.13 13.09 0.00	362.18 8.45 0.00	-18.79 2.86 101.86	-53.65 3.20 148.92	50.60 2.00 39.53	58.01 1.15 -0.13
LACHUTE____HYDRO 323717	43.45 3.81 0.19	35.99 3.07 0.00	34.11 2.94 0.00	33.23 2.86 0.00	35.54 3.09 0.00	39.81 3.42 0.00	35.23 2.77 0.00	35.63 2.68 0.00	31.74 2.61 0.00	37.43 2.82 0.00	47.67 3.37 0.00	55.16 3.36 0.00	-18.02 3.33 65.40	61.77 4.92 0.00	63.21 4.71 0.00	86.67 6.73 0.00	102.93 9.86 0.00	326.02 37.20 0.00	695.18 86.14 0.00	488.49 51.61 -83.14	90.13 9.92 0.00	102.96 10.89 0.00	97.46 9.32 0.00	62.43 5.70 0.00
LAWRNCALV_115KV_TB1 80681	41.23 1.41 0.00	34.07 1.15 0.00	32.10 0.92 0.00	31.12 0.75 0.00	33.23 0.78 0.00	37.34 0.96 0.00	33.46 1.00 0.00	33.96 1.01 0.00	30.06 0.92 0.00	35.76 1.15 0.00	45.65 1.35 0.00	53.39 1.60 0.00	45.28 1.23 0.00	58.35 1.50 0.00	59.97 1.47 0.00	82.10 2.16 0.00	95.44 2.37 0.00	294.56 5.73 0.00	619.90 10.85 0.00	364.18 10.44 0.00	794.30 3.82 -710.27	1103.22 4.28 -1006.87	291.17 3.55 -199.49	60.43 2.06 -1.64
LEDERLE____ 23769	40.79 0.76 -0.20	33.61 0.69 0.00	31.87 0.70 0.00	31.06 0.69 0.00	33.15 0.70 0.00	37.12 0.73 0.00	33.10 0.64 0.00	33.67 0.73 0.00	28.31 0.79 1.61	35.43 0.81 0.00	44.57 1.01 0.75	52.96 1.17 0.00	114.47 1.06 -69.36	58.06 1.21 0.00	59.79 1.30 0.00	81.72 1.77 0.00	95.59 2.51 0.00	298.42 9.59 0.00	626.71 17.66 0.00	369.27 7.73 -7.81	81.18 0.97 0.00	92.94 0.87 0.00	89.09 0.96 0.00	57.64 0.91 0.00
LIGHTHSE_115KV_TB6 355974	40.51 0.68 0.00	33.23 0.31 0.00	31.09 -0.08 0.00	30.13 -0.24 0.00	32.16 -0.29 0.00	36.10 -0.29 0.00	32.27 -0.19 0.00	32.82 -0.12 0.00	29.03 -0.11 0.00	34.59 -0.03 0.00	44.38 0.07 0.00	51.91 0.11 0.00	44.20 0.15 0.00	57.30 0.36 -0.08	59.66 0.47 -0.69	82.88 0.74 -2.20	100.14 0.86 -6.21	302.40 3.25 -10.32	636.47 10.71 -16.72	375.89 8.60 -13.55	151.30 2.32 -68.77	193.83 2.74 -99.02	112.31 2.01 -22.17	57.60 0.73 -0.15
LINDEN COGEN____ 23786	40.50 0.46 -0.21	33.38 0.46 0.00	31.65 0.47 0.00	30.82 0.45 0.00	32.88 0.44 0.00	36.82 0.43 0.00	32.84 0.38 0.00	33.45 0.50 0.00	30.73 0.64 -0.96	35.21 0.59 0.00	41.50 0.69 3.49	52.53 0.74 0.00	50.44 0.68 -5.71	52.49 0.53 4.89	54.30 0.48 4.68	78.70 0.62 1.87	94.22 1.15 0.00	294.18 5.35 0.00	617.79 8.75 0.00	364.41 2.57 -8.10	80.04 -0.17 0.00	89.74 -0.42 1.91	87.86 -0.27 0.00	57.02 0.29 0.00
LINDHRST_69_KV_BK1 356055	41.17 1.12 -0.21	34.16 1.24 0.00	32.34 1.17 0.00	31.40 1.03 0.00	33.40 0.96 0.00	37.46 1.07 0.00	33.31 0.85 0.00	33.96 1.01 0.00	31.29 1.20 -0.95	35.78 1.16 0.00	49.10 2.43 -2.37	54.41 2.62 0.00	119.19 2.11 -73.03	58.81 1.96 0.00	59.97 1.60 0.12	82.17 1.87 -0.35	93.01 2.16 2.22	287.74 6.96 8.05	270.84 11.27 349.48	237.92 4.41 120.22	64.65 0.56 16.12	76.50 0.75 16.31	62.53 0.66 26.26	57.74 1.01 0.00
LIPA_MISC_IPP 23656	40.85 0.81 -0.21	34.13 1.21 0.00	32.42 1.24 0.00	31.46 1.09 0.00	33.40 0.96 0.00	37.58 1.20 0.00	33.43 0.96 0.00	34.08 1.13 0.00	31.44 1.35 -0.96	35.88 1.27 0.00	49.38 2.71 -2.37	54.37 2.58 0.00	118.53 1.84 -72.64	57.98 1.12 0.00	59.33 1.08 0.25	93.89 1.13 -12.82	91.17 1.16 3.07	283.54 3.14 8.43	201.02 0.91 408.93	212.08 -0.28 141.38	60.25 -0.68 19.27	71.60 -0.68 19.79	56.34 -0.89 30.90	56.71 -0.02 0.00
LISF____SOLAR 323691	40.94 0.90 -0.21	34.20 1.28 0.00	32.48 1.31 0.00	31.52 1.15 0.00	33.47 1.02 0.00	37.66 1.27 0.00	33.49 1.03 0.00	34.15 1.20 0.00	31.49 1.41 -0.96	35.94 1.32 0.00	49.46 2.78 -2.37	54.45 2.66 0.00	118.58 1.89 -72.65	58.02 1.17 0.00	59.43 1.19 0.26	94.20 1.30 -12.95	91.23 1.38 3.22	284.21 3.99 8.60	203.39 2.74 408.40	213.24 0.73 141.23	60.45 -0.45 19.31	71.75 -0.41 19.90	56.46 -0.82 30.85	56.84 0.11 0.00
LITTLE FALLS____HYD 24013	40.40 0.57 0.00	33.47 0.55 0.00	31.94 0.77 0.00	31.26 0.89 0.00	33.39 0.94 0.00	37.46 1.07 0.00	33.33 0.87 0.00	33.51 0.56 0.00	29.10 -0.04 0.00	33.93 -0.68 0.00	43.08 -1.22 0.00	50.19 -1.61 0.00	43.35 -0.70 0.00	55.54 -1.31 0.00	57.33 -1.17 0.00	78.62 -1.32 0.00	92.57 -0.50 0.00	292.73 3.91 0.00	628.15 19.10 0.00	367.23 13.50 0.00	82.56 2.35 0.00	94.77 2.70 0.00	90.27 2.14 0.00	57.89 1.16 0.00

LITTLRIV_115KV_TB1 356100	41.99 2.16 0.00	34.69 1.78 0.00	32.66 1.49 0.00	31.67 1.29 0.00	33.82 1.37 0.00	38.01 1.62 0.00	34.04 1.58 0.00	34.47 1.53 0.00	30.46 1.32 0.00	36.12 1.50 0.00	45.89 1.59 0.00	53.65 1.85 0.00	45.47 1.43 0.00	58.60 1.75 0.00	60.23 1.73 0.00	82.54 2.59 0.00	95.93 2.86 0.00	296.81 7.98 0.00	626.93 17.89 0.00	370.83 17.10 0.00	789.87 5.69 -703.97	1097.13 6.39 -998.67	293.09 5.46 -199.50	61.49 3.20 -1.57
LI_NEWBRDGE___DRP 323616	40.57 0.52 -0.21	33.60 0.68 0.00	31.84 0.66 0.00	30.95 0.57 0.00	32.95 0.50 0.00	36.95 0.56 0.00	32.88 0.41 0.00	33.50 0.55 0.00	30.84 0.75 -0.95	35.25 0.63 0.00	48.18 1.51 -2.37	53.32 1.53 0.00	117.46 1.20 -72.21	57.69 0.84 0.00	58.97 0.47 0.00	80.38 0.43 0.00	93.74 0.66 0.00	285.53 2.43 5.72	171.27 2.27 440.05	201.36 -0.84 151.54	60.15 -0.75 19.30	72.93 -0.81 18.33	53.96 -0.73 33.45	56.89 0.16 0.00
LOCKPORT_115KV_TB60_63_64 80432	41.17 1.34 0.00	33.33 0.41 0.00	31.13 -0.04 0.00	30.15 -0.23 0.00	32.32 -0.13 0.00	35.89 -0.50 0.00	31.68 -0.78 0.00	32.56 -0.39 0.00	29.35 0.22 0.00	36.16 1.55 0.00	46.95 2.64 0.00	54.74 2.95 0.00	46.25 2.20 0.00	60.14 3.29 0.00	62.06 3.56 0.00	84.43 4.48 0.00	96.32 3.25 0.00	290.69 1.87 0.00	608.76 -0.28 0.00	352.47 -1.26 0.00	80.49 0.28 0.00	94.47 2.41 0.00	91.34 3.21 0.00	58.60 1.87 0.00
LOCKPORT___CC1 323769	41.04 1.21 0.00	33.23 0.31 0.00	31.04 -0.14 0.00	30.05 -0.32 0.00	32.22 -0.23 0.00	35.78 -0.61 0.00	31.58 -0.88 0.00	32.46 -0.49 0.00	29.25 0.11 0.00	35.94 1.43 0.10	46.82 2.51 0.00	54.63 2.84 0.00	46.13 2.08 0.00	59.94 3.09 0.00	61.83 3.33 0.00	84.07 4.13 0.00	95.93 2.85 0.00	289.29 0.46 0.00	605.75 -3.29 0.00	350.49 -3.25 0.00	80.06 -0.14 0.00	94.00 1.94 0.00	90.95 2.82 0.00	58.33 1.60 0.00
LOCKPORT___CC2 323770	41.04 1.21 0.00	33.23 0.31 0.00	31.04 -0.14 0.00	30.05 -0.32 0.00	32.22 -0.23 0.00	35.78 -0.61 0.00	31.58 -0.88 0.00	32.46 -0.49 0.00	29.25 0.11 0.00	35.94 1.43 0.10	46.82 2.51 0.00	54.63 2.84 0.00	46.13 2.08 0.00	59.94 3.09 0.00	61.83 3.33 0.00	84.07 4.13 0.00	95.93 2.85 0.00	289.29 0.46 0.00	605.75 -3.29 0.00	350.49 -3.25 0.00	80.06 -0.14 0.00	94.00 1.94 0.00	90.95 2.82 0.00	58.33 1.60 0.00
LOCKPORT___CC3 323771	41.04 1.21 0.00	33.23 0.31 0.00	31.04 -0.14 0.00	30.05 -0.32 0.00	32.22 -0.23 0.00	35.78 -0.61 0.00	31.58 -0.88 0.00	32.46 -0.49 0.00	29.25 0.11 0.00	35.94 1.43 0.10	46.82 2.51 0.00	54.63 2.84 0.00	46.13 2.08 0.00	59.94 3.09 0.00	61.83 3.33 0.00	84.07 4.13 0.00	95.93 2.85 0.00	289.29 0.46 0.00	605.75 -3.29 0.00	350.49 -3.25 0.00	80.06 -0.14 0.00	94.00 1.94 0.00	90.95 2.82 0.00	58.33 1.60 0.00
LOCUSVLY_69_KV_BK2 55797	40.98 0.94 -0.21	33.86 0.94 0.00	32.08 0.91 0.00	31.19 0.82 0.00	33.23 0.78 0.00	37.24 0.85 0.00	33.14 0.68 0.00	33.77 0.83 0.00	31.08 0.99 -0.95	35.58 0.97 0.00	48.58 1.91 -2.37	53.83 2.04 0.00	119.62 1.75 -73.83	58.55 1.70 0.00	60.02 1.52 0.00	81.94 2.00 0.00	95.51 2.44 0.00	293.73 8.33 3.42	421.75 14.26 201.55	292.72 5.70 66.72	72.05 0.52 8.68	84.37 0.55 8.24	73.70 0.62 15.04	57.66 0.93 0.00
LONG_LAKE_PHOENIX 24014	39.38 -0.45 0.00	32.41 -0.51 0.00	30.61 -0.57 0.00	29.80 -0.58 0.00	31.81 -0.63 0.00	35.64 -0.75 0.00	31.74 -0.73 0.00	32.24 -0.71 0.00	28.52 -0.61 0.00	34.03 -0.58 0.00	43.70 -0.60 0.00	51.16 -0.63 0.00	43.57 -0.48 0.00	56.53 -0.45 -0.13	59.15 -0.39 -1.04	82.78 -0.49 -3.33	101.86 -0.61 -9.40	302.60 -1.86 -15.63	630.84 -3.53 -25.33	372.21 -2.06 -20.53	98.73 -0.52 -19.05	121.15 -0.57 -29.65	97.89 -0.69 -10.45	56.18 -0.55 0.00
LOVETT___3 23632	40.45 0.42 -0.20	33.36 0.44 0.00	31.66 0.48 0.00	30.86 0.48 0.00	32.94 0.49 0.00	36.87 0.49 0.00	32.89 0.43 0.00	33.46 0.51 0.00	28.00 0.59 1.72	35.16 0.54 0.00	44.14 0.63 0.80	52.47 0.68 0.00	115.10 0.61 -70.44	57.44 0.59 0.00	59.10 0.60 0.00	80.73 0.79 0.00	94.41 1.33 0.00	294.76 5.94 0.00	619.22 10.18 0.00	365.12 3.52 -7.87	80.26 0.05 0.00	91.95 -0.12 0.00	88.17 0.03 0.00	57.11 0.38 0.00
LOVETT___4 23642	40.45 0.42 -0.20	33.36 0.44 0.00	31.66 0.48 0.00	30.86 0.48 0.00	32.94 0.49 0.00	36.87 0.49 0.00	32.89 0.43 0.00	33.46 0.51 0.00	28.00 0.59 1.72	35.16 0.54 0.00	44.14 0.63 0.80	52.47 0.68 0.00	115.10 0.61 -70.44	57.44 0.59 0.00	59.10 0.60 0.00	80.73 0.79 0.00	94.41 1.33 0.00	294.76 5.94 0.00	619.22 10.18 0.00	365.12 3.52 -7.87	80.26 0.05 0.00	91.95 -0.12 0.00	88.17 0.03 0.00	57.11 0.38 0.00
LOVETT___5 23593	40.45 0.42 -0.20	33.36 0.44 0.00	31.66 0.48 0.00	30.86 0.48 0.00	32.94 0.49 0.00	36.87 0.49 0.00	32.89 0.43 0.00	33.46 0.51 0.00	28.00 0.59 1.72	35.16 0.54 0.00	44.14 0.63 0.80	52.47 0.68 0.00	115.10 0.61 -70.44	57.44 0.59 0.00	59.10 0.60 0.00	80.73 0.79 0.00	94.41 1.33 0.00	294.76 5.94 0.00	619.22 10.18 0.00	365.12 3.52 -7.87	80.26 0.05 0.00	91.95 -0.12 0.00	88.17 0.03 0.00	57.11 0.38 0.00
LOWER RAQUET___HYD 24057	41.32 1.49 0.00	34.13 1.21 0.00	32.12 0.95 0.00	31.12 0.75 0.00	33.24 0.80 0.00	37.37 0.98 0.00	33.49 1.02 0.00	33.98 1.03 0.00	30.06 0.93 0.00	35.77 1.16 0.00	45.66 1.36 0.00	53.39 1.60 0.00	45.28 1.23 0.00	58.36 1.49 -0.01	60.06 1.47 -0.09	82.41 2.18 -0.28	96.28 2.41 -0.80	296.18 6.02 -1.34	623.33 12.12 -2.16	367.04 11.55 -1.75	782.42 4.13 -698.09	1087.90 4.62 -991.21	291.79 3.81 -199.85	60.39 2.16 -1.50
LOWER___HUDSON 24059	40.14 0.56 0.25	33.47 0.55 0.00	31.90 0.73 0.00	31.19 0.82 0.00	33.36 0.91 0.00	37.41 1.01 0.00	33.34 0.88 0.00	33.78 0.83 0.00	29.79 0.65 0.00	35.06 0.44 0.00	44.57 0.26 0.00	51.90 0.11 0.00	-43.21 0.15 87.41	57.12 0.28 0.00	58.73 0.23 0.00	80.40 0.45 0.00	94.17 1.10 0.00	295.29 6.46 0.00	624.29 15.24 0.00	431.19 8.65 -68.80	81.33 1.13 0.00	93.56 1.49 0.00	89.47 1.34 0.00	57.70 0.97 0.00
LOWVILLE_115KV_TB2 356335	42.12 2.29 0.00	34.51 1.59 0.00	31.82 0.64 0.00	30.59 0.22 0.00	32.62 0.18 0.00	36.81 0.41 0.00	33.16 0.69 0.00	33.80 0.85 0.00	29.82 0.69 0.00	35.58 0.97 0.00	45.57 1.26 0.00	53.24 1.45 0.00	45.31 1.26 0.00	58.63 1.75 -0.03	60.60 1.89 -0.21	83.27 2.67 -0.66	98.43 3.47 -1.88	305.34 13.39 -3.13	649.82 35.71 -5.07	383.48 25.64 -4.11	284.17 6.40 -197.56	380.32 7.37 -280.88	151.38 6.02 -57.23	59.89 2.74 -0.42
LUTHERFT_115KV_GLOB_FND_222 355753	40.90 1.26 0.19	33.98 1.06 0.00	32.31 1.13 0.00	31.54 1.17 0.00	33.72 1.27 0.00	37.83 1.44 0.00	33.69 1.23 0.00	34.13 1.19 0.00	30.10 0.96 0.00	35.48 0.87 0.00	45.16 0.86 0.00	52.60 0.81 0.00	-22.78 0.82 67.64	58.04 1.19 0.00	59.76 1.26 0.00	81.88 1.94 0.00	96.06 2.98 0.00	301.43 12.60 0.00	639.68 30.64 0.00	453.43 17.64 -82.05	83.45 3.24 0.00	95.70 3.63 0.00	91.29 3.16 0.00	58.74 2.02 0.00

LUTHERNY_35_KV_BK2 355980	40.92 1.29 0.19	33.97 1.06 0.00	32.29 1.12 0.00	31.51 1.14 0.00	33.70 1.25 0.00	37.84 1.45 0.00	33.71 1.25 0.00	34.14 1.20 0.00	30.13 0.99 0.00	35.50 0.89 0.00	45.21 0.91 0.00	52.64 0.85 0.00	-22.78 0.82 67.64	58.12 1.27 0.00	59.83 1.34 0.00	82.04 2.10 0.00	96.21 3.14 0.00	301.97 13.15 0.00	641.24 32.20 0.00	453.86 18.08 -82.05	83.52 3.31 0.00	95.74 3.67 0.00	91.31 3.18 0.00	58.78 2.05 0.00
LWR___OSWEGATCHIE_HYD 23850	41.79 1.97 0.00	34.36 1.44 0.00	32.01 0.84 0.00	30.90 0.53 0.00	32.98 0.53 0.00	37.13 0.74 0.00	33.35 0.89 0.00	33.91 0.96 0.00	29.97 0.83 0.00	35.68 1.06 0.00	45.61 1.30 0.00	53.31 1.51 0.00	45.28 1.23 0.00	58.48 1.61 -0.02	60.36 1.68 -0.18	82.96 2.44 -0.57	97.65 2.97 -1.60	301.28 9.79 -2.67	638.01 24.64 -4.32	376.69 19.45 -3.50	558.49 5.52 -472.77	769.87 6.29 -671.51	229.03 5.13 -135.77	60.30 2.55 -1.01
LYONS_FALL_HYD 23570	41.63 1.81 0.00	34.18 1.27 0.00	31.81 0.64 0.00	30.73 0.36 0.00	32.80 0.36 0.00	36.91 0.52 0.00	33.13 0.66 0.00	33.71 0.76 0.00	29.74 0.61 0.00	35.45 0.83 0.00	45.39 1.09 0.00	53.07 1.28 0.00	45.18 1.14 0.00	58.46 1.59 -0.02	60.40 1.75 -0.15	82.90 2.46 -0.49	97.62 3.16 -1.39	303.13 12.00 -2.31	643.63 30.85 -3.74	377.93 21.17 -3.03	216.11 5.14 -130.77	283.88 5.85 -185.96	130.89 4.82 -37.94	59.30 2.29 -0.28
MADISON___COUNTY_LFGE 323628	41.02 1.20 0.00	33.78 0.86 0.00	31.84 0.67 0.00	30.98 0.61 0.00	33.10 0.65 0.00	37.07 0.68 0.00	33.07 0.61 0.00	33.55 0.61 0.00	29.56 0.42 0.00	35.14 0.52 0.00	45.06 0.76 0.00	52.75 0.95 0.00	44.97 0.93 0.00	58.24 1.37 -0.02	60.25 1.58 -0.17	82.73 2.24 -0.55	97.47 2.85 -1.55	301.81 10.41 -2.58	638.66 25.44 -4.18	373.37 16.25 -3.39	123.37 3.64 -39.52	152.59 4.06 -56.46	103.49 3.43 -11.92	58.68 1.86 -0.08
MALONE___115KV_TB1 356076	40.93 1.11 0.00	33.82 0.90 0.00	31.96 0.79 0.00	30.97 0.59 0.00	33.08 0.63 0.00	37.18 0.79 0.00	33.30 0.84 0.00	33.83 0.88 0.00	30.02 0.88 0.00	35.85 1.24 0.00	45.83 1.53 0.00	53.62 1.83 0.00	45.44 1.39 0.00	58.55 1.70 0.00	60.18 1.68 0.00	82.36 2.41 0.00	95.92 2.84 0.00	296.03 7.20 0.00	626.05 17.01 0.00	365.98 12.25 0.00	1166.40 3.87 -1082.32	1655.16 4.31 -1558.78	454.43 3.19 -363.11	59.14 1.86 -0.55
MAPLEWOD_115KV_TB3 80458	40.22 0.58 0.19	33.49 0.57 0.00	31.87 0.70 0.00	31.15 0.77 0.00	33.33 0.88 0.00	37.36 0.97 0.00	33.30 0.84 0.00	33.74 0.79 0.00	29.76 0.63 0.00	35.08 0.46 0.00	44.67 0.37 0.00	52.07 0.28 0.00	-20.71 0.34 65.10	57.34 0.49 0.00	59.02 0.52 0.00	80.74 0.79 0.00	94.44 1.37 0.00	295.94 7.11 0.00	624.70 15.66 0.00	417.95 8.70 -55.52	81.44 1.23 0.00	93.56 1.49 0.00	89.56 1.43 0.00	57.75 1.02 0.00
MAPLE_RIDGE_WT_1 323574	39.86 0.03 0.00	32.87 -0.05 0.00	30.95 -0.23 0.00	30.08 -0.29 0.00	32.12 -0.33 0.00	36.07 -0.32 0.00	32.28 -0.18 0.00	32.83 -0.11 0.00	29.04 -0.09 0.00	34.64 0.03 0.00	44.39 0.08 0.00	51.90 0.10 0.00	44.11 0.07 0.00	56.91 0.06 0.00	58.55 0.05 0.00	80.02 0.08 0.00	93.16 0.09 0.00	288.82 -0.01 0.00	609.08 0.03 0.00	354.10 0.37 0.00	66.18 0.28 14.31	71.62 0.25 20.70	83.07 -0.05 5.02	56.46 -0.27 0.00
MAPLE_RIDGE_WT_2 323611	39.86 0.03 0.00	32.87 -0.05 0.00	30.95 -0.23 0.00	30.08 -0.29 0.00	32.12 -0.33 0.00	36.07 -0.32 0.00	32.28 -0.18 0.00	32.83 -0.11 0.00	29.04 -0.09 0.00	34.64 0.03 0.00	44.39 0.08 0.00	51.90 0.10 0.00	44.11 0.07 0.00	56.91 0.06 0.00	58.55 0.05 0.00	80.02 0.08 0.00	93.16 0.09 0.00	288.82 -0.01 0.00	609.08 0.03 0.00	354.10 0.37 0.00	66.18 0.28 14.31	71.62 0.25 20.70	83.07 -0.05 5.02	56.46 -0.27 0.00
MARBLE_RIVER_WT_PWR 323696	40.14 0.32 0.00	33.20 0.28 0.00	31.46 0.29 0.00	30.51 0.14 0.00	32.59 0.14 0.00	36.63 0.24 0.00	32.78 0.32 0.00	33.28 0.33 0.00	29.46 0.33 0.00	35.15 0.53 0.00	44.99 0.68 0.00	52.78 0.98 0.00	44.72 0.67 0.00	57.59 0.75 0.00	59.17 0.67 0.00	80.93 0.98 0.00	94.31 1.24 0.00	290.90 2.07 0.00	614.47 5.43 0.00	357.75 4.02 0.00	-5.77 1.73 87.71	-34.08 1.86 128.01	55.51 0.89 33.50	57.33 0.51 -0.09
MARSHVLE_115KV_TB1 80742	41.75 2.04 0.11	34.43 1.52 0.00	32.37 1.19 0.00	31.42 1.04 0.00	33.56 1.12 0.00	37.63 1.24 0.00	33.56 1.09 0.00	33.72 0.78 0.00	29.46 0.32 0.00	35.06 0.44 0.00	45.07 0.77 0.00	52.83 1.04 0.00	5.84 1.16 39.36	58.11 1.26 0.00	59.94 1.44 0.00	81.91 1.97 0.00	95.57 2.50 0.00	297.37 8.55 0.00	632.07 23.03 0.00	449.14 19.12 -76.28	85.14 4.94 0.00	97.44 5.37 0.00	93.08 4.95 0.00	59.74 3.01 0.00
MARSH_HILL_WT_PWR 323713	40.35 0.52 0.00	32.97 0.05 0.00	31.00 -0.18 0.00	30.16 -0.21 0.00	32.06 -0.39 0.00	35.85 -0.54 0.00	31.78 -0.68 0.00	32.49 -0.46 0.00	28.80 -0.34 0.00	35.10 0.49 0.00	45.62 1.32 0.00	53.37 1.57 0.00	45.28 1.23 0.00	58.74 1.88 -0.02	60.52 1.88 -0.13	82.80 2.43 -0.42	96.19 1.92 -1.20	293.10 2.28 -2.00	623.05 10.78 -3.23	365.53 7.09 -4.71	82.17 1.90 -0.06	94.41 1.98 -0.36	90.57 1.93 -0.50	57.57 0.84 0.00
MCINTYRE_115KV_TB2 80467	42.20 2.38 0.00	34.88 1.97 0.00	32.89 1.71 0.00	31.89 1.51 0.00	34.06 1.62 0.00	38.26 1.88 0.00	34.26 1.79 0.00	34.65 1.71 0.00	30.56 1.42 0.00	36.19 1.57 0.00	45.91 1.61 0.00	53.67 1.88 0.00	45.50 1.45 0.00	58.60 1.75 0.00	60.23 1.73 0.00	82.58 2.64 0.00	95.95 2.87 0.00	296.80 7.97 0.00	627.10 18.06 0.00	372.16 18.42 0.00	799.84 6.14 -713.49	1110.02 6.89 -1011.06	293.54 5.92 -199.49	61.92 3.52 -1.68
MECO_____69_KV_BK1 80468	42.15 2.44 0.12	34.78 1.86 0.00	32.80 1.63 0.00	31.87 1.50 0.00	34.03 1.58 0.00	38.15 1.77 0.00	34.00 1.54 0.00	34.14 1.19 0.00	29.60 0.46 0.00	34.81 0.20 0.00	44.49 0.19 0.00	51.98 0.19 0.00	1.27 0.68 43.46	57.34 0.49 0.00	59.14 0.65 0.00	81.25 1.31 0.00	95.14 2.07 0.00	299.75 10.92 0.00	642.84 33.80 0.00	462.24 26.65 -81.86	86.59 6.39 0.00	99.12 7.05 0.00	94.45 6.32 0.00	60.53 3.80 0.00
MENANDS___115KV_TB5 355628	40.00 0.36 0.19	33.34 0.42 0.00	31.75 0.57 0.00	31.03 0.66 0.00	33.21 0.76 0.00	37.22 0.83 0.00	33.18 0.73 0.00	33.63 0.68 0.00	29.67 0.53 0.00	34.96 0.35 0.00	44.52 0.22 0.00	51.88 0.09 0.00	-20.68 0.15 64.88	57.06 0.21 0.00	58.72 0.22 0.00	80.26 0.32 0.00	93.82 0.75 0.00	293.83 5.01 0.00	619.59 10.55 0.00	412.66 5.67 -53.25	80.74 0.53 0.00	92.83 0.76 0.00	88.90 0.77 0.00	57.37 0.64 0.00
MG INDUSTRY___DRP 24185	39.27 -0.45 0.10	32.66 -0.26 0.00	31.09 -0.09 0.00	30.38 0.01 0.00	32.50 0.06 0.00	36.45 0.06 0.00	32.51 0.05 0.00	32.90 -0.05 0.00	28.96 -0.17 0.00	34.11 -0.51 0.00	43.45 -0.86 0.00	50.65 -1.15 0.00	7.40 -0.90 35.74	55.61 -1.24 0.00	57.21 -1.29 0.00	78.08 -1.86 0.00	91.11 -1.96 0.00	284.76 -4.06 0.00	601.60 -7.44 0.00	382.57 -4.25 -33.09	78.75 -1.46 0.00	90.52 -1.55 0.00	86.77 -1.36 0.00	56.02 -0.72 0.00

MID___OSWEGATCHIE_HYD 23849	41.79 1.97 0.00	34.36 1.44 0.00	32.01 0.84 0.00	30.90 0.53 0.00	32.98 0.53 0.00	37.13 0.74 0.00	33.35 0.89 0.00	33.91 0.96 0.00	29.97 0.83 0.00	35.68 1.06 0.00	45.61 1.30 0.00	53.31 1.51 0.00	45.28 1.23 0.00	58.48 1.61 -0.02	60.36 1.68 -0.18	82.96 2.44 -0.57	97.65 2.97 -1.60	301.28 9.79 -2.67	638.01 24.64 -4.32	376.69 19.45 -3.50	558.49 5.52 -472.77	769.87 6.29 -671.51	229.03 5.13 -135.77	60.30 2.55 -1.01
MID___RAQUETTE_HYD 23851	41.32 1.50 0.00	34.13 1.21 0.00	32.12 0.95 0.00	31.12 0.75 0.00	33.24 0.80 0.00	37.37 0.98 0.00	33.49 1.02 0.00	33.98 1.03 0.00	30.06 0.93 0.00	35.77 1.16 0.00	45.66 1.35 0.00	53.39 1.60 0.00	45.28 1.23 0.00	58.36 1.50 -0.01	60.06 1.47 -0.09	82.41 2.18 -0.28	96.29 2.41 -0.80	296.17 6.01 -1.34	623.33 12.13 -2.16	367.04 11.55 -1.75	782.42 4.13 -698.09	1087.89 4.61 -991.21	291.79 3.81 -199.85	60.39 2.17 -1.50
MILLIKEN___1 23584	40.67 0.85 0.00	33.46 0.54 0.00	31.54 0.37 0.00	30.74 0.36 0.00	32.80 0.35 0.00	36.73 0.35 0.00	32.65 0.19 0.00	33.13 0.18 0.00	29.22 0.09 0.00	34.86 0.24 0.00	44.81 0.51 0.00	52.40 0.61 0.00	44.59 0.54 0.00	57.74 0.85 -0.05	59.95 1.09 -0.36	82.62 1.51 -1.16	98.10 1.74 -3.29	300.09 5.80 -5.47	633.45 15.54 -8.86	373.79 10.67 -9.39	82.87 2.49 -0.18	95.79 2.73 -0.99	92.05 2.53 -1.38	58.02 1.29 0.00
MILLIKEN___2 23585	40.67 0.85 0.00	33.46 0.54 0.00	31.54 0.37 0.00	30.74 0.36 0.00	32.80 0.35 0.00	36.73 0.35 0.00	32.65 0.19 0.00	33.13 0.18 0.00	29.22 0.09 0.00	34.86 0.24 0.00	44.81 0.51 0.00	52.40 0.61 0.00	44.59 0.54 0.00	57.74 0.85 -0.05	59.95 1.09 -0.36	82.62 1.51 -1.16	98.10 1.74 -3.29	300.09 5.80 -5.47	633.45 15.54 -8.86	373.79 10.67 -9.39	82.87 2.49 -0.18	95.79 2.73 -0.99	92.05 2.53 -1.38	58.02 1.29 0.00
MILLIKEN___DIESEL 23629	40.67 0.85 0.00	33.46 0.54 0.00	31.54 0.37 0.00	30.74 0.36 0.00	32.80 0.35 0.00	36.73 0.35 0.00	32.65 0.19 0.00	33.13 0.18 0.00	29.22 0.09 0.00	34.86 0.24 0.00	44.81 0.51 0.00	52.40 0.61 0.00	44.59 0.54 0.00	57.74 0.85 -0.05	59.95 1.09 -0.36	82.62 1.51 -1.16	98.10 1.74 -3.29	300.09 5.80 -5.47	633.45 15.54 -8.86	373.79 10.67 -9.39	82.87 2.49 -0.18	95.79 2.73 -0.99	92.05 2.53 -1.38	58.02 1.29 0.00
MILLSEAT___LFGE 323607	41.99 2.16 0.00	34.01 1.09 0.00	31.77 0.60 0.00	30.77 0.40 0.00	32.95 0.51 0.00	36.61 0.22 0.00	32.34 -0.12 0.00	33.18 0.24 0.00	29.78 0.64 0.00	36.41 1.89 0.09	47.34 3.04 0.00	55.29 3.50 0.00	46.84 2.79 0.00	60.98 4.13 0.00	62.99 4.49 0.00	86.09 6.14 0.00	98.47 5.40 0.00	299.32 10.49 0.00	628.19 19.15 0.00	364.83 11.09 0.00	83.30 3.09 0.00	97.38 5.31 0.00	93.76 5.63 0.00	59.94 3.22 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.56 0.52 -0.21	33.44 0.52 0.00	31.73 0.56 0.00	30.92 0.55 0.00	33.01 0.56 0.00	36.97 0.58 0.00	32.97 0.51 0.00	33.54 0.60 0.00	30.88 0.67 -1.08	35.23 0.62 0.00	45.56 0.76 -0.50	52.62 0.83 0.00	118.70 0.75 -73.91	57.59 0.74 0.00	59.24 0.74 0.00	80.90 0.96 0.00	94.59 1.52 0.00	295.35 6.53 0.00	620.66 11.62 0.00	366.35 4.56 -8.06	80.50 0.29 0.00	92.23 0.16 0.00	88.44 0.31 0.00	57.28 0.55 0.00
MILLWOOD_13_KV_LOAD 356217	40.64 0.60 -0.21	33.50 0.58 0.00	31.78 0.60 0.00	30.96 0.59 0.00	33.05 0.60 0.00	37.01 0.62 0.00	33.02 0.55 0.00	33.59 0.64 0.00	30.92 0.71 -1.08	35.29 0.68 0.00	45.64 0.84 -0.50	52.71 0.91 0.00	118.78 0.83 -73.91	57.72 0.87 0.00	59.37 0.87 0.00	81.10 1.16 0.00	94.85 1.78 0.00	296.12 7.30 0.00	622.37 13.32 0.00	367.35 5.56 -8.06	80.71 0.51 0.00	92.47 0.40 0.00	88.64 0.51 0.00	57.39 0.66 0.00
MODEL_CITY_ENERGY 24167	40.85 1.03 0.00	33.10 0.18 0.00	30.91 -0.27 0.00	29.94 -0.44 0.00	32.12 -0.33 0.00	35.66 -0.73 0.00	31.48 -0.99 0.00	32.38 -0.57 0.00	29.21 0.07 0.00	35.88 1.38 0.11	46.66 2.35 0.00	54.33 2.54 0.00	45.89 1.84 0.00	59.68 2.83 0.00	61.58 3.08 0.00	83.75 3.81 0.00	95.50 2.43 0.00	287.88 -0.94 0.00	602.42 -6.62 0.00	348.82 -4.91 0.00	79.73 -0.48 0.00	93.63 1.56 0.00	90.67 2.54 0.00	58.18 1.45 0.00
MODERN_LFGE___ 323580	40.85 1.03 0.00	33.10 0.18 0.00	30.91 -0.27 0.00	29.94 -0.44 0.00	32.12 -0.33 0.00	35.66 -0.73 0.00	31.48 -0.99 0.00	32.38 -0.57 0.00	29.21 0.07 0.00	35.88 1.38 0.11	46.66 2.35 0.00	54.33 2.54 0.00	45.89 1.84 0.00	59.68 2.83 0.00	61.58 3.08 0.00	83.75 3.81 0.00	95.50 2.43 0.00	287.88 -0.94 0.00	602.42 -6.62 0.00	348.82 -4.91 0.00	79.73 -0.48 0.00	93.63 1.56 0.00	90.67 2.54 0.00	58.18 1.45 0.00
MOHAWK_PAPER___DRP 24187	40.22 0.58 0.19	33.49 0.57 0.00	31.87 0.70 0.00	31.15 0.77 0.00	33.33 0.88 0.00	37.36 0.97 0.00	33.30 0.84 0.00	33.74 0.79 0.00	29.76 0.63 0.00	35.08 0.46 0.00	44.67 0.37 0.00	52.07 0.28 0.00	-20.71 0.34 65.10	57.34 0.49 0.00	59.02 0.52 0.00	80.74 0.79 0.00	94.44 1.37 0.00	295.94 7.11 0.00	624.70 15.66 0.00	417.95 8.70 -55.52	81.44 1.23 0.00	93.56 1.49 0.00	89.56 1.43 0.00	57.75 1.02 0.00
MOHICAN___35_KV_115KV_LD 80490	41.34 1.71 0.19	34.31 1.39 0.00	32.58 1.40 0.00	31.81 1.43 0.00	33.99 1.55 0.00	38.12 1.74 0.00	33.90 1.44 0.00	34.36 1.41 0.00	30.36 1.22 0.00	35.81 1.19 0.00	45.43 1.13 0.00	52.82 1.03 0.00	-21.23 1.06 66.33	58.39 1.54 0.00	60.14 1.64 0.00	82.48 2.53 0.00	97.20 4.12 0.00	306.21 17.38 0.00	652.95 43.91 0.00	461.46 25.04 -82.69	84.90 4.69 0.00	97.17 5.10 0.00	92.37 4.24 0.00	59.37 2.65 0.00
MONGAUP___HYD 23641	40.91 0.90 -0.18	33.70 0.78 0.00	31.93 0.75 0.00	31.11 0.74 0.00	33.20 0.75 0.00	37.21 0.82 0.00	33.18 0.72 0.00	33.67 0.72 0.00	28.72 0.57 0.98	34.97 0.36 0.00	44.13 0.29 0.46	52.05 0.26 0.00	106.17 0.28 -61.84	57.11 0.26 0.00	58.87 0.36 0.00	80.58 0.63 0.00	94.49 1.41 0.00	296.19 7.37 0.00	628.47 19.43 0.00	371.97 10.88 -7.36	82.17 1.96 0.00	94.12 2.05 0.00	90.03 1.90 0.00	58.06 1.33 0.00
MONTAUK___DIESEL 23721	42.86 2.82 -0.21	35.72 2.80 0.00	33.91 2.73 0.00	32.86 2.48 0.00	34.87 2.42 0.00	39.23 2.84 0.00	34.88 2.42 0.00	35.66 2.72 0.00	32.99 2.90 -0.96	37.91 3.30 0.00	52.29 5.61 -2.37	57.91 6.11 0.00	121.04 4.35 -72.64	60.87 4.02 0.00	62.65 4.41 0.25	98.66 5.84 -12.88	96.24 6.29 3.12	296.37 16.04 8.49	226.85 26.58 408.77	226.81 14.41 141.34	63.10 2.18 19.28	75.68 3.44 19.83	59.94 2.69 30.88	58.85 2.12 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.03 2.21 0.00	33.23 0.31 0.00	31.01 -0.16 0.00	30.05 -0.32 0.00	32.13 -0.31 0.00	35.69 -0.70 0.00	31.60 -0.87 0.00	32.54 -0.41 0.00	29.45 0.31 0.00	36.51 1.89 0.00	47.73 3.43 0.00	55.87 4.08 0.00	47.36 3.31 0.00	61.81 4.96 0.00	63.66 5.16 0.00	86.64 6.70 0.00	99.24 6.17 0.00	302.17 13.35 0.00	638.38 29.34 0.00	368.53 14.80 0.00	83.97 3.77 0.00	97.65 5.58 0.00	93.82 5.69 0.00	59.68 2.94 0.00

MORRIS_RIDGE___SOLAR 323848	40.53 0.71 0.00	33.00 0.07 0.00	30.95 -0.23 0.00	30.02 -0.36 0.00	32.02 -0.42 0.00	35.78 -0.61 0.00	31.68 -0.78 0.00	32.30 -0.64 0.00	28.65 -0.49 0.00	34.88 0.26 0.00	45.28 0.98 0.00	52.95 1.16 0.00	44.89 0.84 0.00	58.31 1.45 -0.01	60.09 1.49 -0.10	82.04 1.78 -0.32	94.90 0.92 -0.90	288.49 -1.84 -1.50	611.90 0.43 -2.43	359.66 1.96 -3.97	81.15 0.89 -0.05	93.98 1.65 -0.27	90.60 2.09 -0.38	57.75 1.02 0.00
MORTIMER_115KV_TB3 55949	41.14 1.32 0.00	33.54 0.62 0.00	31.46 0.29 0.00	30.53 0.16 0.00	32.63 0.18 0.00	36.36 -0.03 0.00	32.22 -0.25 0.00	32.92 -0.03 0.00	29.41 0.27 0.00	35.80 1.18 0.00	46.44 2.13 0.00	54.47 2.68 0.00	46.27 2.22 0.00	60.12 3.27 0.00	62.08 3.58 0.00	84.69 4.75 0.00	97.67 4.60 0.00	298.23 9.41 0.00	625.10 16.06 0.00	361.96 8.23 0.00	82.40 2.19 0.00	95.62 3.55 0.00	91.66 3.53 0.00	58.69 1.95 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.76 0.72 -0.21	33.61 0.69 0.00	31.87 0.69 0.00	31.04 0.67 0.00	33.12 0.67 0.00	37.09 0.70 0.00	33.08 0.62 0.00	33.69 0.74 0.00	30.93 0.84 -0.96	35.44 0.83 0.00	45.79 1.04 -0.45	52.93 1.14 0.00	119.66 1.03 -74.58	57.88 1.03 0.00	59.51 1.01 0.00	81.27 1.32 0.00	95.01 1.94 0.00	296.62 7.80 0.00	622.93 13.89 0.00	367.59 5.75 -8.10	80.76 0.55 0.00	92.51 0.44 0.00	88.67 0.54 0.00	57.50 0.77 0.00
MUNSVILLE_WIND_PWR 323609	42.43 2.60 0.00	34.90 1.98 0.00	32.96 1.79 0.00	32.12 1.75 0.00	34.36 1.91 0.00	38.44 2.05 0.00	34.11 1.65 0.00	34.62 1.67 0.00	30.51 1.37 0.00	36.45 1.80 -0.03	46.86 2.56 0.00	54.84 3.05 0.00	46.68 2.64 0.00	60.55 3.67 -0.03	62.67 3.94 -0.24	86.25 5.55 -0.76	102.30 7.08 -2.14	315.27 22.89 -3.56	672.25 57.44 -5.77	398.99 35.28 -9.97	88.04 7.72 -0.12	100.77 8.06 -0.64	95.63 6.60 -0.90	60.12 3.39 0.00
N SALMON___HYD 24042	40.93 1.11 0.00	33.82 0.90 0.00	31.96 0.79 0.00	30.97 0.59 0.00	33.08 0.63 0.00	37.18 0.79 0.00	33.30 0.84 0.00	33.83 0.88 0.00	30.02 0.88 0.00	35.85 1.24 0.00	45.83 1.53 0.00	53.62 1.83 0.00	45.44 1.39 0.00	58.55 1.70 0.00	60.18 1.68 0.00	82.36 2.41 0.00	95.92 2.85 0.00	296.02 7.19 0.00	626.05 17.01 0.00	365.98 12.25 0.00	1166.41 3.88 -1082.32	1655.16 4.31 -1558.78	454.43 3.19 -363.11	59.14 1.86 -0.55
N.AKRON__115KV_KNAPP 355671	41.76 1.93 0.00	33.82 0.90 0.00	31.59 0.41 0.00	30.59 0.22 0.00	32.77 0.32 0.00	36.40 0.01 0.00	32.15 -0.32 0.00	33.00 0.06 0.00	29.68 0.54 0.00	36.46 1.84 0.00	47.30 3.00 0.00	55.23 3.44 0.00	46.72 2.68 0.00	60.81 3.96 0.00	62.79 4.29 0.00	85.63 5.68 0.00	97.95 4.88 0.00	296.87 8.05 0.00	622.46 13.41 0.00	361.04 7.30 0.00	82.44 2.23 0.00	96.52 4.46 0.00	93.01 4.89 0.00	59.57 2.84 0.00
N.E_GEN_SANDY PD 24062	38.46 0.03 1.40	33.07 0.15 0.00	31.57 0.38 -0.02	30.85 0.47 0.00	33.00 0.55 0.00	37.00 0.61 0.00	33.00 0.54 0.00	33.48 0.53 0.00	29.86 0.45 -0.28	34.79 0.17 0.00	43.88 -0.06 0.37	51.75 -0.32 -0.27	-444.23 -0.28 488.00	56.50 -0.36 -0.01	53.93 -0.45 4.12	78.94 -0.58 0.43	92.95 -0.12 0.00	289.73 2.82 1.92	614.68 5.64 0.00	405.21 2.49 -48.98	79.34 -0.40 0.47	91.86 -0.27 -0.06	87.91 -0.22 0.00	55.93 0.10 0.90
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.56 0.53 -0.20	33.43 0.51 0.00	31.72 0.54 0.00	30.91 0.54 0.00	32.99 0.54 0.00	36.93 0.54 0.00	32.94 0.48 0.00	33.51 0.56 0.00	28.12 0.64 1.66	35.22 0.61 0.00	44.27 0.73 0.77	52.62 0.83 0.00	114.57 0.76 -69.76	57.64 0.79 0.00	59.34 0.84 0.00	81.08 1.14 0.00	94.84 1.77 0.00	296.10 7.27 0.00	621.83 12.79 0.00	366.59 5.03 -7.83	80.58 0.37 0.00	92.27 0.21 0.00	88.47 0.34 0.00	57.27 0.54 0.00
N.QUEENS_27_KV_LOAD 356247	40.88 0.83 -0.21	33.61 0.70 0.00	31.87 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.06 0.67 0.00	33.08 0.62 0.00	33.71 0.76 0.00	30.97 0.87 -0.96	35.46 0.85 0.00	45.75 1.00 -0.45	52.97 1.18 0.00	120.41 1.11 -75.26	57.78 0.92 0.00	59.43 0.93 0.00	81.04 1.10 0.00	94.90 1.83 0.00	298.22 7.86 -1.54	622.16 12.94 -0.17	367.09 5.25 -8.10	80.59 0.38 0.00	92.18 0.11 0.00	88.48 0.35 0.00	57.74 1.01 0.00
N.TROY___115KV_TB1 355778	40.14 0.56 0.25	33.47 0.55 0.00	31.90 0.73 0.00	31.19 0.82 0.00	33.36 0.91 0.00	37.40 1.01 0.00	33.34 0.88 0.00	33.78 0.83 0.00	29.79 0.65 0.00	35.05 0.44 0.00	44.57 0.27 0.00	51.90 0.11 0.00	-43.21 0.15 87.41	57.12 0.27 0.00	58.73 0.23 0.00	80.40 0.45 0.00	94.17 1.10 0.00	295.37 6.55 0.00	624.30 15.25 0.00	431.18 8.65 -68.80	81.34 1.13 0.00	93.56 1.49 0.00	89.48 1.35 0.00	57.69 0.97 0.00
NARROWS_GT1_1 24228	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
NARROWS_GT1_2 24229	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
NARROWS_GT1_3 24230	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
NARROWS_GT1_4 24231	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
NARROWS_GT1_5 24232	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00

NARROWS_GT1_6 24233	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
NARROWS_GT1_7 24234	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
NARROWS_GT1_8 24235	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
NARROWS_GT2_1 24236	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
NARROWS_GT2_2 24237	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
NARROWS_GT2_3 24238	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
NARROWS_GT2_4 24239	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
NARROWS_GT2_5 24240	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
NARROWS_GT2_6 24241	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
NARROWS_GT2_7 24242	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
NARROWS_GT2_8 24243	40.92 0.88 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.43 0.82 0.00	45.73 0.97 -0.45	52.89 1.10 0.00	119.70 1.08 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.89 1.82 0.00	296.29 7.46 0.00	621.67 12.62 0.00	366.63 4.80 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.38 0.25 0.00	57.54 0.81 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.76 1.00 0.07	33.77 0.86 0.00	32.10 0.93 0.00	31.37 0.99 0.00	33.55 1.11 0.00	37.62 1.24 0.00	33.54 1.08 0.00	33.96 1.01 0.00	29.84 0.70 0.00	35.02 0.40 0.00	44.59 0.28 0.00	51.96 0.16 0.00	19.68 0.23 24.60	57.18 0.33 0.00	58.95 0.45 0.00	80.63 0.69 0.00	94.29 1.22 0.00	296.20 7.37 0.00	629.56 20.52 0.00	397.98 12.84 -31.40	82.67 2.46 0.00	94.90 2.83 0.00	90.62 2.49 0.00	58.28 1.55 0.00
NCHELSEA_115KV_TR2 355582	40.85 0.85 -0.17	33.70 0.78 0.00	31.96 0.78 0.00	31.15 0.78 0.00	33.25 0.80 0.00	37.25 0.86 0.00	33.23 0.76 0.00	33.80 0.86 0.00	29.99 0.86 0.00	35.46 0.84 0.00	45.38 1.08 0.00	53.04 1.24 0.00	104.23 1.16 -59.03	58.27 1.42 0.00	59.97 1.47 0.00	81.99 2.05 0.00	96.02 2.94 0.00	300.09 11.27 0.00	631.43 22.38 0.00	372.73 10.59 -8.40	81.85 1.65 0.00	93.71 1.64 0.00	89.74 1.60 0.00	57.97 1.24 0.00
NEG CAPITAL___MECHNVIL 23645	40.94 1.33 0.22	34.02 1.10 0.00	32.37 1.19 0.00	31.60 1.23 0.00	33.77 1.32 0.00	37.88 1.49 0.00	33.75 1.28 0.00	34.19 1.24 0.00	30.16 1.02 0.00	35.55 0.93 0.00	45.26 0.96 0.00	52.75 0.96 0.00	-29.86 0.95 74.86	58.24 1.38 0.00	59.99 1.49 0.00	82.22 2.28 0.00	96.43 3.35 0.00	302.78 13.95 0.00	641.49 32.45 0.00	450.89 18.65 -78.52	83.61 3.40 0.00	95.90 3.83 0.00	91.49 3.36 0.00	58.87 2.14 0.00
NEG CENTRAL_HIGH_ACRES 23767	40.17 0.34 0.00	32.81 -0.11 0.00	30.82 -0.36 0.00	29.90 -0.48 0.00	31.94 -0.51 0.00	35.64 -0.75 0.00	31.62 -0.85 0.00	32.25 -0.70 0.00	28.77 -0.36 0.00	34.87 0.29 0.04	45.23 0.93 0.00	53.08 1.29 0.00	45.14 1.09 0.00	58.64 1.79 0.00	60.56 2.06 0.00	82.66 2.72 0.00	95.57 2.50 0.00	292.85 4.02 0.00	615.04 6.00 0.00	356.44 2.71 0.00	80.98 0.78 0.00	93.68 1.61 0.00	89.69 1.56 0.00	57.39 0.66 0.00

NEG CENTRAL___DRP 24199	40.61 0.78 0.00	33.29 0.36 0.00	31.33 0.16 0.00	30.48 0.11 0.00	32.52 0.07 0.00	36.39 0.00 0.00	32.31 -0.16 0.00	32.84 -0.10 0.00	29.07 -0.07 0.00	34.90 0.28 0.00	45.06 0.75 0.00	52.71 0.92 0.00	44.82 0.77 0.00	58.11 1.21 -0.05	60.24 1.37 -0.37	82.92 1.81 -1.17	98.14 1.76 -3.30	298.45 4.13 -5.50	628.86 10.92 -8.90	367.83 6.88 -7.22	82.10 1.71 -0.18	95.09 2.02 -0.99	91.47 1.95 -1.39	57.80 1.07 0.00
NEG CENTRAL___INDECK 23768	42.38 2.55 0.00	34.48 1.56 0.00	32.34 1.17 0.00	31.36 0.98 0.00	33.44 1.00 0.00	37.29 0.90 0.00	33.07 0.60 0.00	33.71 0.76 0.00	29.82 0.68 0.00	36.12 1.51 0.00	46.90 2.59 0.00	54.87 3.08 0.00	46.38 2.33 0.00	59.37 2.52 0.00	60.89 2.39 0.00	82.92 2.98 0.00	95.72 2.65 0.00	292.92 4.09 0.00	620.92 11.87 0.00	364.03 10.30 0.00	83.42 3.21 0.00	96.42 4.35 0.00	92.23 4.10 0.00	58.93 2.20 0.00
NEG CENTRAL___SENECA 23627	40.90 1.07 0.00	33.46 0.54 0.00	31.46 0.29 0.00	30.58 0.21 0.00	32.63 0.18 0.00	36.49 0.10 0.00	32.39 -0.07 0.00	32.97 0.02 0.00	29.20 0.06 0.00	35.16 0.55 0.00	45.43 1.13 0.00	53.10 1.31 0.00	45.11 1.06 0.00	58.58 1.70 -0.03	60.58 1.87 -0.20	83.08 2.48 -0.65	97.22 2.31 -1.84	296.47 4.59 -3.05	627.18 13.19 -4.95	365.78 8.03 -4.01	82.36 2.05 -0.10	95.14 2.51 -0.55	91.30 2.40 -0.77	58.13 1.40 0.00
NEG CENTRAL___STATE_STREET 24147	40.47 0.64 0.00	33.27 0.35 0.00	31.28 0.10 0.00	30.52 0.15 0.00	32.55 0.10 0.00	36.48 0.10 0.00	32.33 -0.13 0.00	32.84 -0.11 0.00	29.02 -0.12 0.00	34.71 0.10 0.00	44.83 0.52 0.00	52.50 0.71 0.00	44.67 0.62 0.00	57.68 0.77 -0.06	60.08 1.10 -0.48	83.03 1.55 -1.54	99.10 1.68 -4.34	301.34 5.29 -7.22	630.87 10.13 -11.70	371.40 8.18 -9.49	82.35 1.91 -0.23	95.30 1.92 -1.31	91.92 1.96 -1.83	57.67 0.94 0.00
NEG MILLWOOD___DRP 24198	40.92 0.90 -0.19	33.74 0.82 0.00	31.99 0.82 0.00	31.18 0.80 0.00	33.27 0.83 0.00	37.27 0.89 0.00	33.26 0.79 0.00	33.84 0.89 0.00	30.36 0.92 -0.30	35.55 0.94 0.00	45.67 1.22 -0.14	53.21 1.42 0.00	111.21 1.31 -65.86	58.45 1.60 0.00	60.19 1.70 0.00	82.27 2.32 0.00	96.31 3.23 0.00	300.97 12.14 0.00	632.81 23.77 0.00	373.47 11.38 -8.36	81.98 1.77 0.00	93.86 1.79 0.00	89.82 1.69 0.00	58.01 1.28 0.00
NEG NORTH_FLCN_SEA 23793	40.36 0.54 0.00	33.38 0.46 0.00	31.66 0.49 0.00	30.70 0.33 0.00	32.77 0.32 0.00	36.82 0.43 0.00	32.93 0.47 0.00	33.43 0.49 0.00	29.57 0.43 0.00	35.29 0.68 0.00	45.15 0.85 0.00	52.94 1.15 0.00	44.74 0.70 0.00	57.57 0.72 0.00	59.16 0.66 0.00	80.86 0.92 0.00	94.42 1.35 0.00	291.39 2.57 0.00	616.47 7.43 0.00	358.30 4.57 0.00	-12.16 1.94 94.31	-43.55 2.14 137.76	52.85 1.03 36.31	57.39 0.55 -0.11
NEG NORTH_KES_CHATEGAY 23792	40.23 0.40 0.00	33.28 0.36 0.00	31.52 0.35 0.00	30.56 0.19 0.00	32.63 0.19 0.00	36.69 0.30 0.00	32.86 0.39 0.00	33.35 0.40 0.00	29.54 0.40 0.00	35.24 0.63 0.00	45.08 0.77 0.00	52.81 1.02 0.00	44.75 0.70 0.00	57.64 0.79 0.00	59.22 0.72 0.00	80.99 1.04 0.00	94.31 1.24 0.00	290.86 2.03 0.00	614.56 5.52 0.00	358.57 4.84 0.00	-59.63 2.07 141.90	-113.74 2.28 208.09	32.82 1.27 56.57	57.67 0.72 -0.22
NEG NORTH___ALICE_FALLS 23915	40.62 0.79 0.00	33.58 0.66 0.00	31.82 0.64 0.00	30.85 0.48 0.00	32.93 0.49 0.00	37.01 0.62 0.00	33.11 0.64 0.00	33.59 0.64 0.00	29.71 0.58 0.00	35.51 0.89 0.00	45.44 1.14 0.00	53.26 1.47 0.00	45.03 0.98 0.00	57.96 1.11 0.00	59.57 1.07 0.00	81.44 1.50 0.00	95.10 2.03 0.00	293.42 4.59 0.00	622.13 13.09 0.00	362.18 8.45 0.00	-18.79 2.86 101.86	-53.65 3.20 148.92	50.60 2.00 39.53	58.01 1.15 -0.13
NEG NORTH___LWR_SARANAC 23913	40.62 0.79 0.00	33.58 0.66 0.00	31.82 0.64 0.00	30.85 0.48 0.00	32.93 0.49 0.00	37.01 0.62 0.00	33.11 0.64 0.00	33.59 0.64 0.00	29.71 0.58 0.00	35.51 0.89 0.00	45.44 1.14 0.00	53.26 1.47 0.00	45.03 0.98 0.00	57.96 1.11 0.00	59.57 1.07 0.00	81.44 1.50 0.00	95.10 2.03 0.00	293.42 4.59 0.00	622.13 13.09 0.00	362.18 8.45 0.00	-18.79 2.86 101.86	-53.65 3.20 148.92	50.60 2.00 39.53	58.01 1.15 -0.13
NEG NORTH___PLATTSBURG 23628	40.62 0.79 0.00	33.58 0.66 0.00	31.82 0.64 0.00	30.85 0.48 0.00	32.93 0.49 0.00	37.01 0.62 0.00	33.11 0.64 0.00	33.59 0.64 0.00	29.71 0.58 0.00	35.51 0.89 0.00	45.44 1.14 0.00	53.26 1.47 0.00	45.03 0.98 0.00	57.96 1.10 0.00	59.57 1.07 0.00	81.44 1.50 0.00	95.10 2.03 0.00	293.41 4.59 0.00	622.12 13.08 0.00	362.18 8.44 0.00	-18.79 2.86 101.86	-53.65 3.21 148.92	50.61 2.00 39.53	58.01 1.15 -0.13
NEG WEST_LEA_LOCKPORT 23791	41.04 1.21 0.00	33.23 0.31 0.00	31.04 -0.14 0.00	30.05 -0.32 0.00	32.22 -0.23 0.00	35.78 -0.61 0.00	31.58 -0.88 0.00	32.45 -0.49 0.00	29.25 0.11 0.00	36.05 1.44 0.00	46.82 2.51 0.00	54.63 2.84 0.00	46.13 2.08 0.00	59.94 3.09 0.00	61.82 3.33 0.00	84.07 4.13 0.00	95.94 2.86 0.00	289.28 0.46 0.00	605.64 -3.40 0.00	350.49 -3.25 0.00	80.07 -0.13 0.00	94.00 1.93 0.00	90.90 2.76 0.00	58.33 1.60 0.00
NEG WEST___LANCASTR 23811	40.89 1.06 0.00	33.21 0.29 0.00	31.07 -0.10 0.00	30.15 -0.22 0.00	32.23 -0.21 0.00	35.85 -0.54 0.00	31.71 -0.76 0.00	32.49 -0.45 0.00	29.18 0.04 0.00	35.85 1.23 0.00	46.65 2.35 0.00	54.59 2.80 0.00	46.19 2.15 0.00	60.16 3.31 0.00	61.97 3.47 0.00	84.28 4.33 0.00	96.57 3.50 0.00	292.70 3.87 0.00	616.57 7.53 0.00	356.22 2.49 0.00	81.00 0.79 0.00	94.42 2.36 0.00	90.96 2.83 0.00	58.22 1.49 0.00
NEG_PENN_ALLEGHNY 23528	40.17 0.35 0.00	33.09 0.17 0.00	31.26 0.09 0.00	30.47 0.10 0.00	32.52 0.07 0.00	36.42 0.03 0.00	32.40 -0.06 0.00	32.93 -0.02 0.00	29.13 -0.01 0.00	34.85 0.20 -0.04	44.81 0.51 0.00	52.39 0.60 0.00	44.57 0.52 0.00	57.82 0.94 -0.03	59.76 1.04 -0.23	81.94 1.27 -0.73	96.33 1.20 -2.06	295.09 2.84 -3.42	622.71 8.12 -5.54	365.63 3.85 -8.04	81.08 0.76 -0.11	93.70 1.02 -0.62	90.15 1.15 -0.86	57.20 0.47 0.00
NEG___GEN_MONROE 24207	41.71 1.88 0.00	33.88 0.96 0.00	31.76 0.58 0.00	30.81 0.44 0.00	32.89 0.44 0.00	36.67 0.28 0.00	32.45 -0.02 0.00	33.15 0.20 0.00	29.63 0.49 0.00	36.13 1.51 0.00	46.87 2.56 0.00	55.00 3.21 0.00	46.75 2.70 0.00	60.67 3.82 0.00	62.60 4.10 0.00	85.48 5.54 0.00	98.49 5.42 0.00	300.72 11.90 0.00	631.20 22.16 0.00	365.98 12.25 0.00	83.39 3.18 0.00	96.85 4.78 0.00	92.91 4.78 0.00	59.57 2.84 0.00
NEPA___ENERGY 23901	40.81 0.99 0.00	33.05 0.13 0.00	30.90 -0.28 0.00	30.03 -0.34 0.00	32.08 -0.37 0.00	35.74 -0.65 0.00	31.61 -0.85 0.00	32.40 -0.55 0.00	29.00 -0.14 0.00	35.57 0.95 0.00	46.34 2.03 0.00	54.17 2.38 0.00	45.89 1.84 0.00	59.87 3.02 0.00	61.66 3.16 0.00	83.83 3.89 0.00	96.02 2.95 0.00	291.81 2.99 0.00	616.32 7.28 0.00	355.78 2.05 0.00	80.97 0.77 0.00	94.14 2.07 0.00	90.87 2.74 0.00	57.96 1.23 0.00

NEVERSINK___HYD 23608	40.34 0.38 -0.13	33.25 0.33 0.00	31.49 0.32 0.00	30.67 0.30 0.00	32.72 0.27 0.00	36.66 0.27 0.00	32.69 0.23 0.00	33.24 0.29 0.00	29.17 0.33 0.30	34.87 0.25 0.00	44.46 0.29 0.14	52.11 0.31 0.00	91.24 0.40 -46.79	57.01 0.16 0.00	57.23 -1.27 0.00	78.37 -1.57 0.00	91.97 -1.10 0.00	288.21 -0.61 0.00	607.94 -1.11 0.00	360.03 -2.34 -8.64	81.25 1.04 0.00	92.92 0.86 0.00	88.84 0.71 0.00	57.30 0.57 0.00
NEWKRMKL_115KV_TB1 55635	40.13 0.47 0.17	33.40 0.49 0.00	31.79 0.61 0.00	31.06 0.69 0.00	33.23 0.78 0.00	37.26 0.87 0.00	33.22 0.76 0.00	33.66 0.71 0.00	29.69 0.55 0.00	35.01 0.40 0.00	44.63 0.32 0.00	52.05 0.25 0.00	-13.48 0.29 57.82	57.25 0.39 0.00	58.92 0.42 0.00	80.56 0.62 0.00	94.10 1.03 0.00	294.47 5.65 0.00	620.89 11.85 0.00	411.45 6.47 -51.25	80.98 0.77 0.00	93.05 0.98 0.00	89.12 0.98 0.00	57.48 0.75 0.00
NEWTON___FALLS_HYD 23847	41.79 1.97 0.00	34.36 1.44 0.00	32.01 0.84 0.00	30.90 0.53 0.00	32.98 0.53 0.00	37.13 0.74 0.00	33.35 0.89 0.00	33.91 0.96 0.00	29.97 0.83 0.00	35.68 1.06 0.00	45.61 1.30 0.00	53.31 1.51 0.00	45.28 1.23 0.00	58.48 1.61 -0.02	60.36 1.68 -0.18	82.96 2.44 -0.57	97.65 2.97 -1.60	301.28 9.79 -2.67	638.01 24.64 -4.32	376.69 19.45 -3.50	558.49 5.52 -472.77	769.87 6.29 -671.51	229.03 5.13 -135.77	60.30 2.55 -1.01
NGRID_A1_DSASP 323792	40.63 0.80 0.00	32.92 0.00 0.00	30.76 -0.41 0.00	29.80 -0.57 0.00	31.93 -0.51 0.00	35.43 -0.95 0.00	31.27 -1.19 0.00	32.11 -0.84 0.00	28.96 -0.17 0.00	35.61 1.11 0.11	46.52 2.22 0.00	54.41 2.61 0.00	45.98 1.93 0.00	59.79 2.94 0.00	61.66 3.16 0.00	83.78 3.84 0.00	95.51 2.44 0.00	287.11 -1.72 0.00	597.43 -11.61 0.00	345.51 -8.23 0.00	79.07 -1.13 0.00	93.26 1.19 0.00	90.13 2.00 0.00	58.10 1.37 0.00
NGRID_A2_DSASP 323793	40.63 0.80 0.00	32.92 0.00 0.00	30.76 -0.41 0.00	29.80 -0.57 0.00	31.93 -0.51 0.00	35.43 -0.95 0.00	31.27 -1.19 0.00	32.11 -0.84 0.00	28.96 -0.17 0.00	35.61 1.11 0.11	46.52 2.22 0.00	54.41 2.61 0.00	45.98 1.93 0.00	59.79 2.94 0.00	61.66 3.16 0.00	83.78 3.84 0.00	95.51 2.44 0.00	287.11 -1.72 0.00	597.43 -11.61 0.00	345.51 -8.23 0.00	79.07 -1.13 0.00	93.26 1.19 0.00	90.13 2.00 0.00	58.10 1.37 0.00
NGRID_A4_DSASP 323807	40.63 0.80 0.00	32.92 0.00 0.00	30.76 -0.41 0.00	29.80 -0.57 0.00	31.93 -0.51 0.00	35.43 -0.95 0.00	31.27 -1.19 0.00	32.11 -0.84 0.00	28.96 -0.17 0.00	35.61 1.11 0.11	46.52 2.22 0.00	54.41 2.61 0.00	45.98 1.93 0.00	59.79 2.94 0.00	61.66 3.16 0.00	83.78 3.84 0.00	95.51 2.44 0.00	287.11 -1.72 0.00	597.43 -11.61 0.00	345.51 -8.23 0.00	79.07 -1.13 0.00	93.26 1.19 0.00	90.13 2.00 0.00	58.10 1.37 0.00
NIAGARA_115E_LBMP 323715	40.70 0.87 0.00	32.97 0.05 0.00	30.80 -0.38 0.00	29.83 -0.54 0.00	32.01 -0.43 0.00	35.54 -0.85 0.00	31.37 -1.09 0.00	32.28 -0.67 0.00	29.14 0.00 0.00	35.81 1.31 0.11	46.53 2.22 0.00	54.13 2.34 0.00	45.71 1.66 0.00	59.42 2.57 0.00	61.34 2.84 0.00	83.40 3.46 0.00	95.05 1.98 0.00	286.33 -2.49 0.00	598.93 -10.12 0.00	346.79 -6.94 0.00	79.28 -0.93 0.00	93.17 1.10 0.00	90.31 2.17 0.00	57.97 1.24 0.00
NIAGARA_115W_LBMP 323714	40.53 0.71 0.00	32.85 -0.07 0.00	30.70 -0.48 0.00	29.74 -0.63 0.00	31.87 -0.58 0.00	35.36 -1.02 0.00	31.21 -1.25 0.00	32.04 -0.91 0.00	28.90 -0.24 0.00	35.53 1.03 0.11	46.41 2.10 0.00	54.26 2.47 0.00	45.86 1.81 0.00	59.63 2.78 0.00	61.48 2.98 0.00	83.57 3.63 0.00	95.30 2.22 0.00	286.31 -2.52 0.00	595.60 -13.45 0.00	344.50 -9.24 0.00	78.87 -1.34 0.00	93.04 0.97 0.00	89.93 1.80 0.00	57.99 1.26 0.00
NIAGARA_230_LBMP 323716	40.71 0.88 0.00	33.01 0.09 0.00	30.86 -0.31 0.00	29.92 -0.45 0.00	32.05 -0.39 0.00	35.58 -0.81 0.00	31.42 -1.04 0.00	32.26 -0.69 0.00	29.07 -0.07 0.00	35.70 1.20 0.11	46.59 2.28 0.00	54.45 2.66 0.00	46.01 1.96 0.00	59.83 2.97 0.00	61.68 3.18 0.00	83.81 3.87 0.00	95.74 2.67 0.00	288.52 -0.30 0.00	602.68 -6.36 0.00	348.29 -5.44 0.00	79.57 -0.63 0.00	93.48 1.41 0.00	90.35 2.22 0.00	58.01 1.28 0.00
NIAGARA___115KV_198_GIBSON 55903	40.53 0.71 0.00	32.85 -0.07 0.00	30.69 -0.48 0.00	29.74 -0.63 0.00	31.87 -0.58 0.00	35.36 -1.02 0.00	31.21 -1.25 0.00	32.04 -0.91 0.00	28.90 -0.24 0.00	35.64 1.03 0.00	46.41 2.11 0.00	54.26 2.47 0.00	45.87 1.82 0.00	59.63 2.78 0.00	61.48 2.99 0.00	83.57 3.62 0.00	95.30 2.23 0.00	286.31 -2.52 0.00	595.51 -13.53 0.00	344.39 -9.34 0.00	78.87 -1.34 0.00	93.04 0.97 0.00	89.89 1.76 0.00	57.99 1.26 0.00
NIAGARA____ 23760	40.71 0.88 0.00	33.01 0.09 0.00	30.86 -0.31 0.00	29.92 -0.45 0.00	32.05 -0.39 0.00	35.58 -0.81 0.00	31.42 -1.04 0.00	32.26 -0.69 0.00	29.07 -0.07 0.00	35.70 1.20 0.11	46.59 2.28 0.00	54.45 2.66 0.00	46.01 1.96 0.00	59.83 2.97 0.00	61.68 3.18 0.00	83.81 3.87 0.00	95.74 2.67 0.00	288.52 -0.30 0.00	602.68 -6.36 0.00	348.29 -5.44 0.00	79.57 -0.63 0.00	93.48 1.41 0.00	90.35 2.22 0.00	58.01 1.28 0.00
NINE_MILE_1 23575	38.79 -1.04 0.00	31.96 -0.96 0.00	30.21 -0.96 0.00	29.42 -0.94 0.00	31.42 -1.03 0.00	35.21 -1.18 0.00	31.36 -1.11 0.00	31.85 -1.10 0.00	28.19 -0.94 0.00	33.63 -0.98 0.00	43.16 -1.14 0.00	50.51 -1.29 0.00	42.96 -1.09 0.00	55.12 -1.33 0.40	53.94 -1.31 3.25	67.78 -1.78 10.39	61.52 -2.18 29.37	232.86 -7.13 48.83	514.74 -15.20 79.10	280.82 -8.79 64.13	76.66 -1.96 1.59	81.01 -2.21 8.84	73.64 -2.15 12.34	55.28 -1.45 0.00
NINE_MILE_2 23744	38.79 -1.04 0.00	31.97 -0.95 0.00	30.21 -0.96 0.00	29.43 -0.94 0.00	31.42 -1.03 0.00	35.21 -1.18 0.00	31.36 -1.10 0.00	31.85 -1.10 0.00	28.19 -0.94 0.00	33.63 -0.98 0.00	43.16 -1.14 0.00	50.51 -1.29 0.00	42.96 -1.09 0.00	55.12 -1.33 0.41	53.88 -1.31 3.30	67.62 -1.78 10.54	61.08 -2.18 29.81	232.12 -7.13 49.57	513.53 -15.22 80.30	279.85 -8.79 65.10	76.64 -1.96 1.61	80.88 -2.21 8.98	73.46 -2.15 12.52	55.28 -1.45 0.00
NM_CAPITAL___DRP 24208	39.98 0.34 0.19	33.32 0.40 0.00	31.72 0.54 0.00	31.01 0.63 0.00	33.19 0.74 0.00	37.19 0.80 0.00	33.16 0.69 0.00	33.60 0.65 0.00	29.64 0.51 0.00	34.94 0.32 0.00	44.49 0.18 0.00	51.85 0.06 0.00	-20.12 0.12 64.29	57.02 0.17 0.00	58.66 0.16 0.00	80.18 0.24 0.00	93.71 0.64 0.00	293.36 4.53 0.00	618.58 9.54 0.00	409.20 5.13 -50.33	80.64 0.43 0.00	92.73 0.66 0.00	88.80 0.67 0.00	57.31 0.58 0.00
NM_CENTRAL___DRP 24181	39.58 -0.25 0.00	32.57 -0.35 0.00	30.77 -0.41 0.00	29.98 -0.39 0.00	32.01 -0.43 0.00	35.85 -0.54 0.00	31.91 -0.55 0.00	32.42 -0.53 0.00	28.69 -0.45 0.00	34.28 -0.34 0.00	44.08 -0.23 0.00	51.62 -0.17 0.00	43.96 -0.08 0.00	56.96 0.07 -0.04	59.01 0.19 -0.32	81.20 0.24 -1.01	96.09 0.16 -2.85	293.84 0.27 -4.75	617.83 1.10 -7.69	360.30 0.33 -6.23	96.73 0.00 -16.52	116.63 0.03 -24.53	94.99 -0.08 -6.94	56.51 -0.22 0.00

NM_FRONTIER___DRP 24179	40.53 0.71 0.00	32.85 -0.07 0.00	30.69 -0.48 0.00	29.74 -0.63 0.00	31.87 -0.58 0.00	35.36 -1.02 0.00	31.21 -1.25 0.00	32.04 -0.91 0.00	28.90 -0.24 0.00	35.64 1.03 0.00	46.41 2.11 0.00	54.26 2.47 0.00	45.87 1.82 0.00	59.63 2.78 0.00	61.48 2.99 0.00	83.57 3.62 0.00	95.30 2.23 0.00	286.31 -2.52 0.00	595.51 -13.53 0.00	344.39 -9.34 0.00	78.87 -1.34 0.00	93.04 0.97 0.00	89.89 1.76 0.00	57.99 1.26 0.00
NM_ST_REGIS___HYD 24053	41.24 1.41 0.00	34.07 1.15 0.00	32.10 0.93 0.00	31.10 0.73 0.00	33.22 0.77 0.00	37.34 0.96 0.00	33.46 1.00 0.00	33.96 1.02 0.00	30.08 0.94 0.00	35.82 1.21 0.00	45.73 1.43 0.00	53.46 1.67 0.00	45.34 1.29 0.00	58.43 1.58 0.00	60.06 1.56 0.00	82.22 2.28 0.00	95.65 2.58 0.00	295.17 6.34 0.00	622.54 13.49 0.00	365.78 12.05 0.00	861.52 4.17 -777.15	1204.59 4.67 -1107.85	325.06 3.74 -233.19	60.17 2.14 -1.30
NORTHPORT___1 23551	40.45 0.40 -0.21	33.67 0.75 0.00	31.93 0.75 0.00	31.01 0.64 0.00	32.99 0.54 0.00	37.00 0.61 0.00	32.87 0.40 0.00	33.49 0.54 0.00	30.86 0.77 -0.95	35.19 0.57 0.00	48.51 1.83 -2.37	53.66 1.87 0.00	118.10 1.37 -72.68	57.59 0.74 0.00	54.92 -0.12 3.46	42.19 -0.62 37.13	31.65 -0.78 60.64	224.57 -2.42 61.83	157.32 -8.73 442.99	194.56 -6.78 152.39	37.88 -2.02 40.31	27.64 -2.32 62.12	54.66 -2.07 31.41	56.44 -0.29 0.00
NORTHPORT___2 23552	40.45 0.40 -0.21	33.67 0.75 0.00	31.93 0.75 0.00	31.01 0.64 0.00	32.99 0.54 0.00	37.00 0.61 0.00	32.87 0.40 0.00	33.49 0.54 0.00	30.86 0.77 -0.95	35.19 0.57 0.00	48.51 1.83 -2.37	53.66 1.87 0.00	118.10 1.37 -72.68	57.59 0.74 0.00	54.92 -0.12 3.46	42.19 -0.62 37.13	31.65 -0.78 60.64	224.57 -2.42 61.83	157.32 -8.73 442.99	194.56 -6.78 152.39	37.88 -2.02 40.31	27.64 -2.32 62.12	54.66 -2.07 31.41	56.44 -0.29 0.00
NORTHPORT___3 23553	40.30 0.26 -0.21	33.48 0.56 0.00	31.76 0.58 0.00	30.86 0.48 0.00	32.83 0.38 0.00	36.80 0.42 0.00	32.69 0.23 0.00	33.29 0.35 0.00	30.67 0.59 -0.95	34.98 0.37 0.00	48.25 1.58 -2.37	53.38 1.58 0.00	117.85 1.21 -72.59	57.38 0.53 0.00	54.60 -0.45 3.46	41.72 -1.05 37.17	31.48 -0.89 60.70	224.38 -2.41 62.03	160.28 -7.89 440.86	186.45 -5.93 161.35	38.00 -1.92 40.29	27.84 -2.20 62.03	54.70 -2.20 31.23	56.23 -0.50 0.00
NORTHPORT___4 23650	40.30 0.26 -0.21	33.48 0.56 0.00	31.76 0.58 0.00	30.86 0.48 0.00	32.83 0.38 0.00	36.80 0.42 0.00	32.69 0.23 0.00	33.29 0.35 0.00	30.67 0.59 -0.95	34.98 0.37 0.00	48.25 1.58 -2.37	53.38 1.58 0.00	117.85 1.21 -72.59	57.38 0.53 0.00	54.60 -0.45 3.46	41.72 -1.05 37.17	31.48 -0.89 60.70	224.38 -2.41 62.03	160.28 -7.89 440.86	186.45 -5.93 161.35	38.00 -1.92 40.29	27.84 -2.20 62.03	54.70 -2.20 31.23	56.23 -0.50 0.00
NORTHPORT___IC 23718	40.45 0.40 -0.21	33.67 0.75 0.00	31.93 0.75 0.00	31.01 0.64 0.00	32.99 0.54 0.00	37.00 0.61 0.00	32.87 0.40 0.00	33.49 0.54 0.00	30.86 0.77 -0.95	35.20 0.58 0.00	48.51 1.84 -2.37	53.66 1.86 0.00	118.12 1.39 -72.68	57.60 0.75 0.00	54.92 -0.12 3.46	42.19 -0.62 37.13	31.63 -0.80 60.64	224.57 -2.43 61.83	157.62 -8.43 442.99	194.59 -6.75 152.39	37.89 -2.02 40.31	27.63 -2.32 62.12	54.81 -1.92 31.41	56.44 -0.29 0.00
NORTH___COUNTRY_ESR 323785	40.12 0.29 0.00	33.19 0.28 0.00	31.44 0.26 0.00	30.48 0.11 0.00	32.57 0.12 0.00	36.60 0.21 0.00	32.76 0.30 0.00	33.27 0.33 0.00	29.48 0.35 0.00	35.18 0.56 0.00	45.01 0.71 0.00	52.79 1.00 0.00	44.74 0.70 0.00	57.64 0.79 0.00	59.21 0.71 0.00	80.99 1.04 0.00	94.30 1.23 0.00	290.77 1.94 0.00	614.27 5.23 0.00	357.83 4.09 0.00	-60.98 1.78 142.97	-115.66 1.93 209.66	32.07 0.97 57.03	57.50 0.54 -0.23
NPX_GEN_1385_PROXY 323591	40.22 0.18 -0.21	33.51 0.59 0.00	31.93 0.75 0.00	31.00 0.63 0.00	32.98 0.53 0.00	37.00 0.61 0.00	32.87 0.40 0.00	33.49 0.54 0.00	30.73 0.77 -0.83	35.14 0.52 0.00	48.24 1.57 -2.37	53.25 1.46 0.00	114.86 1.04 -69.77	52.75 0.16 4.27	52.86 -1.11 4.54	42.01 -0.81 37.13	31.86 -0.57 60.64	225.58 -1.42 61.83	160.52 -5.53 442.99	199.92 -1.42 152.39	39.12 -0.79 40.31	28.88 -1.08 62.12	54.94 -1.78 31.41	56.29 -0.44 0.00
NPX_GEN_CSC 323557	40.84 0.80 -0.21	34.20 1.28 0.00	32.53 1.36 0.00	31.57 1.20 0.00	33.49 1.04 0.00	37.76 1.37 0.00	33.57 1.11 0.00	34.24 1.29 0.00	31.46 1.50 -0.83	36.02 1.41 0.00	49.66 2.98 -2.37	54.56 2.76 0.00	115.66 1.88 -69.74	53.53 0.94 4.27	58.39 1.21 1.33	94.06 1.25 -12.86	91.08 1.10 3.09	283.23 2.86 8.45	199.18 -0.96 408.91	211.38 -0.97 141.38	60.04 -0.89 19.28	71.42 -0.84 19.81	55.89 -1.35 30.90	56.49 -0.24 0.00
NSINS_S_GLNS_FALLS 23858	41.27 1.63 0.19	34.25 1.33 0.00	32.52 1.34 0.00	31.74 1.37 0.00	33.92 1.47 0.00	38.04 1.65 0.00	33.83 1.37 0.00	34.29 1.34 0.00	30.30 1.16 0.00	35.75 1.14 0.00	45.35 1.04 0.00	52.74 0.95 0.00	-20.33 0.99 65.37	58.30 1.44 0.00	60.04 1.54 0.00	82.34 2.40 0.00	97.05 3.98 0.00	305.74 16.91 0.00	651.90 42.86 0.00	461.27 24.37 -83.16	84.80 4.59 0.00	97.05 4.98 0.00	92.19 4.06 0.00	59.28 2.55 0.00
NUCOR_STEEL___DRP 24197	40.39 0.56 0.00	33.23 0.31 0.00	31.24 0.07 0.00	30.49 0.12 0.00	32.52 0.07 0.00	36.45 0.06 0.00	32.29 -0.17 0.00	32.80 -0.15 0.00	28.98 -0.15 0.00	34.66 0.04 0.00	44.78 0.48 0.00	52.45 0.66 0.00	44.63 0.58 0.00	57.60 0.68 -0.06	60.05 1.03 -0.51	83.05 1.46 -1.64	99.33 1.62 -4.64	301.54 5.01 -7.71	630.47 8.95 -12.48	371.15 7.30 -10.12	82.12 1.66 -0.25	95.11 1.64 -1.40	91.87 1.79 -1.95	57.52 0.79 0.00
NUMBER_THREE_WT_PWR 323818	42.11 2.29 0.00	34.50 1.58 0.00	31.78 0.60 0.00	30.53 0.16 0.00	32.57 0.13 0.00	36.75 0.36 0.00	33.12 0.66 0.00	33.77 0.82 0.00	29.80 0.66 0.00	35.57 0.96 0.00	45.57 1.26 0.00	53.24 1.45 0.00	45.31 1.26 0.00	58.63 1.76 -0.03	60.60 1.89 -0.21	83.28 2.66 -0.68	98.45 3.45 -1.93	305.22 13.18 -3.21	649.74 35.49 -5.20	383.51 25.55 -4.22	291.10 6.40 -204.49	390.17 7.37 -290.73	153.37 6.01 -59.23	59.87 2.70 -0.44
NYISO_LBMP_REFERENCE 24008	39.83 0.00 0.00	32.92 0.00 0.00	31.17 0.00 0.00	30.37 0.00 0.00	32.45 0.00 0.00	36.39 0.00 0.00	32.46 0.00 0.00	32.95 0.00 0.00	29.14 0.00 0.00	34.61 0.00 0.00	44.31 0.00 0.00	51.79 0.00 0.00	44.05 0.00 0.00	56.85 0.00 0.00	58.50 0.00 0.00	79.94 0.00 0.00	93.07 0.00 0.00	288.83 0.00 0.00	609.04 0.00 0.00	353.73 0.00 0.00	80.21 0.00 0.00	92.07 0.00 0.00	88.13 0.00 0.00	56.73 0.00 0.00
NYPA_BRENTWD____GT 24164	41.03 0.98 -0.21	34.12 1.20 0.00	32.33 1.16 0.00	31.39 1.02 0.00	33.37 0.92 0.00	37.45 1.06 0.00	33.28 0.82 0.00	33.93 0.98 0.00	31.27 1.18 -0.95	35.73 1.11 0.00	49.14 2.46 -2.37	54.41 2.62 0.00	118.82 2.06 -72.71	58.60 1.75 0.00	59.39 1.21 0.32	81.52 0.99 -0.59	89.54 0.70 4.23	281.53 2.03 9.32	208.28 0.62 401.38	213.50 -1.28 138.95	60.51 -0.38 19.32	71.57 -0.24 20.26	57.66 -0.19 30.28	57.40 0.67 0.00

OAKDALE__35_KV_LOAD 356122	39.97 0.14 0.00	32.93 0.01 0.00	31.11 -0.06 0.00	30.33 -0.04 0.00	32.37 -0.08 0.00	36.26 -0.13 0.00	32.26 -0.20 0.00	32.79 -0.16 0.00	29.00 -0.14 0.00	34.67 0.05 0.00	44.61 0.30 0.00	52.14 0.34 0.00	44.34 0.29 0.00	57.48 0.60 -0.03	59.40 0.68 -0.22	81.40 0.74 -0.71	95.62 0.54 -2.00	292.78 0.62 -3.33	617.80 3.36 -5.40	363.03 1.24 -8.06	80.51 0.19 -0.11	93.07 0.40 -0.60	89.55 0.58 -0.84	56.88 0.15 0.00
OCC_CHEM__DRP 24175	40.63 0.80 0.00	32.92 0.00 0.00	30.76 -0.41 0.00	29.81 -0.57 0.00	31.93 -0.51 0.00	35.44 -0.95 0.00	31.27 -1.19 0.00	32.11 -0.84 0.00	28.96 -0.18 0.00	35.72 1.11 0.00	46.53 2.22 0.00	54.41 2.61 0.00	45.99 1.94 0.00	59.80 2.95 0.00	61.66 3.16 0.00	83.80 3.85 0.00	95.52 2.45 0.00	287.12 -1.70 0.00	597.40 -11.64 0.00	345.45 -8.28 0.00	79.06 -1.15 0.00	93.27 1.20 0.00	90.10 1.97 0.00	58.10 1.37 0.00
OH_GEN_PROXY 24063	40.66 0.84 0.00	33.00 0.08 0.00	30.86 -0.32 0.00	29.92 -0.45 0.00	32.04 -0.41 0.00	35.57 -0.82 0.00	31.42 -1.04 0.00	32.26 -0.69 0.00	28.92 -0.08 0.12	35.64 1.15 0.12	46.53 2.23 0.00	54.40 2.61 0.00	43.07 1.93 2.91	55.52 2.93 4.27	60.54 3.12 1.08	83.77 3.83 0.00	95.76 2.69 0.00	288.80 -0.03 0.00	603.36 -5.68 0.00	348.76 -4.97 0.00	79.63 -0.57 0.00	93.46 1.39 0.00	90.29 2.16 0.00	57.95 1.22 0.00
OLIN_CORP_DRP 24177	40.76 0.93 0.00	33.01 0.09 0.00	30.83 -0.34 0.00	29.87 -0.50 0.00	32.06 -0.39 0.00	35.59 -0.80 0.00	31.41 -1.05 0.00	32.31 -0.64 0.00	29.16 0.03 0.00	35.95 1.33 0.00	46.60 2.30 0.00	54.25 2.46 0.00	45.82 1.78 0.00	59.57 2.72 0.00	61.49 2.99 0.00	83.59 3.65 0.00	95.30 2.23 0.00	287.14 -1.69 0.00	600.54 -8.50 0.00	347.50 -6.24 0.00	79.46 -0.75 0.00	93.36 1.29 0.00	90.39 2.26 0.00	58.04 1.31 0.00
OLIN_CORP_DSASP 323712	40.63 0.80 0.00	32.92 0.00 0.00	30.76 -0.41 0.00	29.80 -0.57 0.00	31.93 -0.51 0.00	35.43 -0.95 0.00	31.27 -1.19 0.00	32.11 -0.84 0.00	28.96 -0.17 0.00	35.61 1.11 0.11	46.52 2.22 0.00	54.41 2.61 0.00	45.98 1.93 0.00	59.79 2.94 0.00	61.66 3.16 0.00	83.78 3.84 0.00	95.51 2.44 0.00	287.11 -1.72 0.00	597.43 -11.61 0.00	345.51 -8.23 0.00	79.07 -1.13 0.00	93.26 1.19 0.00	90.13 2.00 0.00	58.10 1.37 0.00
ONEIDA_HERK_LFGE 323681	41.36 1.53 0.00	34.01 1.09 0.00	31.81 0.63 0.00	30.82 0.45 0.00	32.91 0.46 0.00	36.97 0.59 0.00	33.12 0.65 0.00	33.67 0.72 0.00	29.70 0.57 0.00	35.36 0.74 0.00	45.30 0.99 0.00	52.96 1.17 0.00	45.10 1.06 0.00	58.34 1.48 -0.02	60.26 1.64 -0.12	82.62 2.30 -0.38	97.12 2.97 -1.08	301.72 11.11 -1.79	639.94 27.99 -2.90	374.66 18.57 -2.35	178.07 4.35 -93.52	230.02 4.95 -133.00	119.42 4.12 -27.17	58.97 2.04 -0.20
ONEIDA__115KV_TB4 55905	41.02 1.20 0.00	33.78 0.86 0.00	31.84 0.67 0.00	30.98 0.61 0.00	33.10 0.65 0.00	37.07 0.68 0.00	33.07 0.61 0.00	33.55 0.61 0.00	29.56 0.42 0.00	35.14 0.52 0.00	45.06 0.76 0.00	52.75 0.95 0.00	44.97 0.93 0.00	58.24 1.37 -0.02	60.25 1.58 -0.17	82.73 2.24 -0.55	97.47 2.85 -1.55	301.81 10.41 -2.58	638.66 25.44 -4.18	373.37 16.25 -3.39	123.37 3.64 -39.52	152.59 4.06 -56.46	103.49 3.43 -11.92	58.68 1.86 -0.08
ONONDAGA_REF_OCCRA 23987	39.85 0.03 0.00	32.80 -0.12 0.00	30.98 -0.19 0.00	30.18 -0.19 0.00	32.22 -0.23 0.00	36.08 -0.31 0.00	32.13 -0.34 0.00	32.62 -0.33 0.00	28.86 -0.28 0.00	34.46 -0.15 0.00	44.30 -0.01 0.00	51.88 0.08 0.00	44.20 0.15 0.00	57.28 0.38 -0.05	59.40 0.52 -0.38	81.88 0.73 -1.21	97.26 0.78 -3.41	296.85 2.35 -5.67	624.39 6.17 -9.18	364.60 3.42 -7.45	95.35 0.69 -14.45	114.52 0.79 -21.66	95.20 0.63 -6.44	56.93 0.20 0.00
ONONDAGA__COGEN 23986	39.86 0.03 0.00	32.80 -0.12 0.00	30.97 -0.20 0.00	30.17 -0.21 0.00	32.20 -0.25 0.00	36.07 -0.32 0.00	32.10 -0.37 0.00	32.59 -0.35 0.00	28.83 -0.31 0.00	34.43 -0.18 0.00	44.30 -0.01 0.00	51.88 0.09 0.00	44.19 0.14 0.00	57.24 0.32 -0.07	59.55 0.48 -0.57	82.48 0.71 -1.83	99.00 0.76 -5.17	299.70 2.28 -8.59	628.06 5.10 -13.92	368.03 3.01 -11.28	94.66 0.62 -13.83	113.89 0.66 -21.16	95.61 0.56 -6.92	56.90 0.17 0.00
ONTARIO__LFGE 23819	40.90 1.07 0.00	33.46 0.54 0.00	31.46 0.29 0.00	30.58 0.21 0.00	32.63 0.18 0.00	36.49 0.10 0.00	32.39 -0.07 0.00	32.97 0.02 0.00	29.20 0.06 0.00	35.16 0.55 0.00	45.43 1.12 0.00	53.10 1.31 0.00	45.10 1.06 0.00	58.58 1.71 -0.03	60.58 1.88 -0.20	83.07 2.48 -0.65	97.22 2.31 -1.84	296.49 4.61 -3.05	627.05 13.07 -4.95	365.77 8.03 -4.01	82.35 2.05 -0.10	95.14 2.52 -0.55	91.37 2.47 -0.77	58.12 1.40 0.00
ORANGEVILLE_WT_PWR 323706	40.78 0.95 0.00	33.07 0.15 0.00	30.93 -0.24 0.00	29.95 -0.42 0.00	32.03 -0.42 0.00	35.72 -0.67 0.00	31.60 -0.87 0.00	32.29 -0.65 0.00	28.86 -0.28 0.00	35.35 0.77 0.04	46.04 1.73 0.00	53.84 2.04 0.00	45.60 1.55 0.00	59.26 2.41 0.00	61.03 2.53 0.00	83.10 3.15 0.00	95.31 2.23 0.00	289.63 0.80 0.00	611.73 2.69 0.00	355.80 2.07 0.00	81.14 0.93 0.00	94.23 2.16 0.00	90.84 2.70 0.00	58.09 1.36 0.00
ORANGEVILLE__ESR 323794	40.78 0.95 0.00	33.07 0.15 0.00	30.93 -0.24 0.00	29.95 -0.42 0.00	32.03 -0.42 0.00	35.72 -0.67 0.00	31.60 -0.87 0.00	32.29 -0.65 0.00	28.86 -0.28 0.00	35.35 0.77 0.04	46.04 1.73 0.00	53.84 2.04 0.00	45.60 1.55 0.00	59.26 2.41 0.00	61.03 2.53 0.00	83.10 3.15 0.00	95.31 2.23 0.00	289.63 0.80 0.00	611.73 2.69 0.00	355.80 2.07 0.00	81.14 0.93 0.00	94.23 2.16 0.00	90.84 2.70 0.00	58.09 1.36 0.00
OSWEGATCHIE__HYD 24044	41.79 1.97 0.00	34.36 1.44 0.00	32.01 0.84 0.00	30.90 0.52 0.00	32.98 0.53 0.00	37.13 0.74 0.00	33.35 0.89 0.00	33.91 0.96 0.00	29.97 0.83 0.00	35.68 1.06 0.00	45.61 1.30 0.00	53.31 1.52 0.00	45.28 1.23 0.00	58.48 1.61 -0.02	60.36 1.68 -0.18	82.96 2.45 -0.57	97.64 2.97 -1.60	301.28 9.79 -2.67	637.99 24.63 -4.32	376.68 19.44 -3.50	558.49 5.52 -472.77	769.88 6.29 -671.51	229.03 5.12 -135.77	60.30 2.55 -1.01
OSWEGO__5 23606	39.12 -0.71 0.00	32.23 -0.69 0.00	30.45 -0.73 0.00	29.66 -0.72 0.00	31.67 -0.77 0.00	35.49 -0.90 0.00	31.61 -0.86 0.00	32.10 -0.85 0.00	28.41 -0.72 0.00	33.90 -0.72 0.00	43.52 -0.78 0.00	50.93 -0.87 0.00	43.32 -0.73 0.00	56.31 -0.84 -0.30	60.12 -0.80 -2.42	86.59 -1.10 -7.74	113.57 -1.39 -21.89	320.52 -4.71 -36.40	658.02 -9.98 -58.96	395.70 -5.83 -47.80	80.11 -1.29 -1.18	97.24 -1.42 -6.59	95.93 -1.39 -9.20	55.74 -0.99 0.00
OSWEGO__6 23613	39.12 -0.71 0.00	32.23 -0.69 0.00	30.45 -0.73 0.00	29.66 -0.72 0.00	31.67 -0.77 0.00	35.49 -0.90 0.00	31.61 -0.86 0.00	32.10 -0.85 0.00	28.41 -0.72 0.00	33.90 -0.72 0.00	43.52 -0.78 0.00	50.93 -0.87 0.00	43.32 -0.73 0.00	56.31 -0.84 -0.30	60.12 -0.80 -2.42	86.59 -1.10 -7.74	113.57 -1.39 -21.89	320.52 -4.71 -36.40	658.02 -9.98 -58.96	395.70 -5.83 -47.80	80.11 -1.29 -1.18	97.24 -1.42 -6.59	95.93 -1.39 -9.20	55.74 -0.99 0.00

OUTOKUMPU-AB___DRP 24206	41.58 1.75 0.00	33.64 0.73 0.00	31.41 0.24 0.00	30.42 0.05 0.00	32.58 0.13 0.00	36.18 -0.21 0.00	31.92 -0.54 0.00	32.79 -0.16 0.00	29.56 0.42 0.00	36.49 1.87 0.00	47.53 3.23 0.00	55.62 3.83 0.00	47.05 3.00 0.00	61.25 4.40 0.00	63.20 4.70 0.00	85.80 5.86 0.00	97.91 4.83 0.00	295.46 6.63 0.00	618.66 9.62 0.00	357.55 3.81 0.00	81.49 1.28 0.00	95.60 3.53 0.00	92.41 4.28 0.00	59.40 2.67 0.00
OXBOW___BTM 323836	41.13 1.31 0.00	33.29 0.38 0.00	31.10 -0.08 0.00	30.12 -0.26 0.00	32.25 -0.19 0.00	35.81 -0.58 0.00	31.60 -0.87 0.00	32.44 -0.51 0.00	29.27 0.14 0.00	36.02 1.52 0.11	47.07 2.76 0.00	55.09 3.29 0.00	46.59 2.54 0.00	60.63 3.78 0.00	62.56 4.06 0.00	84.98 5.03 0.00	96.92 3.85 0.00	291.95 3.13 0.00	609.57 0.53 0.00	352.33 -1.40 0.00	80.44 0.23 0.00	94.58 2.51 0.00	91.42 3.29 0.00	58.81 2.08 0.00
OXBOW___ 24026	41.13 1.31 0.00	33.29 0.38 0.00	31.10 -0.08 0.00	30.12 -0.26 0.00	32.26 -0.19 0.00	35.80 -0.59 0.00	31.60 -0.87 0.00	32.44 -0.51 0.00	29.27 0.13 0.00	36.13 1.52 0.00	47.07 2.76 0.00	55.09 3.29 0.00	46.59 2.54 0.00	60.63 3.78 0.00	62.55 4.05 0.00	84.98 5.04 0.00	96.92 3.85 0.00	291.95 3.13 0.00	609.50 0.46 0.00	352.33 -1.40 0.00	80.43 0.23 0.00	94.59 2.52 0.00	91.37 3.24 0.00	58.81 2.08 0.00
OXY_CHEM_DSASP 323612	40.63 0.80 0.00	32.92 0.00 0.00	30.76 -0.41 0.00	29.81 -0.57 0.00	31.93 -0.51 0.00	35.44 -0.95 0.00	31.27 -1.19 0.00	32.11 -0.84 0.00	28.96 -0.18 0.00	35.72 1.11 0.00	46.53 2.22 0.00	54.41 2.61 0.00	45.99 1.94 0.00	59.80 2.95 0.00	61.66 3.16 0.00	83.80 3.85 0.00	95.52 2.45 0.00	287.12 -1.70 0.00	597.40 -11.64 0.00	345.45 -8.28 0.00	79.06 -1.15 0.00	93.27 1.20 0.00	90.10 1.97 0.00	58.10 1.37 0.00
OZONE_PARK_ESR 323760	41.18 1.14 -0.21	33.92 1.00 0.00	32.15 0.97 0.00	31.30 0.92 0.00	33.38 0.93 0.00	37.38 0.99 0.00	33.33 0.87 0.00	33.96 1.01 0.00	31.20 1.10 -0.96	35.79 1.18 0.00	46.25 1.49 -0.45	53.47 1.68 0.00	120.13 1.51 -74.57	58.51 1.66 0.00	60.19 1.69 0.00	82.24 2.30 0.00	96.17 3.10 0.00	300.15 11.32 0.00	630.24 21.20 0.00	371.72 9.89 -8.10	81.68 1.47 0.00	93.60 1.53 0.00	89.72 1.59 0.00	58.15 1.42 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.63 0.80 0.00	32.92 0.00 0.00	30.76 -0.41 0.00	29.81 -0.57 0.00	31.93 -0.51 0.00	35.44 -0.95 0.00	31.27 -1.19 0.00	32.11 -0.84 0.00	28.96 -0.18 0.00	35.72 1.11 0.00	46.53 2.22 0.00	54.41 2.61 0.00	45.99 1.94 0.00	59.80 2.95 0.00	61.66 3.16 0.00	83.80 3.85 0.00	95.52 2.45 0.00	287.12 -1.70 0.00	597.40 -11.64 0.00	345.45 -8.28 0.00	79.06 -1.15 0.00	93.27 1.20 0.00	90.10 1.97 0.00	58.10 1.37 0.00
PACKARD___115KV_DUPONT_184 80571	40.63 0.80 0.00	32.92 0.00 0.00	30.76 -0.41 0.00	29.81 -0.57 0.00	31.93 -0.51 0.00	35.44 -0.95 0.00	31.27 -1.19 0.00	32.11 -0.84 0.00	28.96 -0.18 0.00	35.72 1.11 0.00	46.53 2.22 0.00	54.41 2.61 0.00	45.99 1.94 0.00	59.80 2.95 0.00	61.66 3.16 0.00	83.80 3.85 0.00	95.52 2.45 0.00	287.12 -1.70 0.00	597.40 -11.64 0.00	345.45 -8.28 0.00	79.06 -1.15 0.00	93.27 1.20 0.00	90.10 1.97 0.00	58.10 1.37 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.81 0.76 -0.21	33.56 0.64 0.00	31.82 0.65 0.00	30.99 0.61 0.00	33.06 0.61 0.00	37.03 0.64 0.00	33.04 0.58 0.00	33.66 0.72 0.00	30.92 0.83 -0.96	35.41 0.79 0.00	45.71 0.96 -0.45	52.92 1.12 0.00	119.70 1.07 -74.57	57.79 0.94 0.00	59.46 0.96 0.00	81.13 1.19 0.00	94.99 1.92 0.00	296.78 7.95 0.00	622.58 13.54 0.00	367.46 5.63 -8.10	80.61 0.41 0.00	92.16 0.10 0.00	88.44 0.31 0.00	57.59 0.86 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.90 1.86 -0.21	34.48 1.56 0.00	32.69 1.52 0.00	31.84 1.47 0.00	33.97 1.52 0.00	38.06 1.67 0.00	33.96 1.50 0.00	34.62 1.68 0.00	31.79 1.70 -0.96	36.54 1.93 0.00	47.09 2.34 -0.45	54.60 2.81 0.00	121.10 2.48 -74.57	59.60 2.75 0.00	61.32 2.83 0.00	83.39 3.45 0.00	97.84 4.76 0.00	305.47 16.64 0.00	640.50 31.46 0.00	377.99 16.16 -8.10	83.02 2.81 0.00	94.85 2.78 0.00	91.04 2.91 0.00	59.25 2.52 0.00
PATROON___115KV_TB1 80586	40.21 0.55 0.17	33.47 0.55 0.00	31.85 0.68 0.00	31.12 0.74 0.00	33.29 0.85 0.00	37.31 0.93 0.00	33.27 0.80 0.00	33.71 0.77 0.00	29.74 0.60 0.00	35.08 0.46 0.00	44.72 0.41 0.00	52.16 0.37 0.00	-15.18 0.40 59.62	57.39 0.54 0.00	59.08 0.58 0.00	80.79 0.84 0.00	94.37 1.30 0.00	295.34 6.52 0.00	622.98 13.94 0.00	416.58 7.54 -55.30	81.21 1.00 0.00	93.29 1.23 0.00	89.34 1.20 0.00	57.63 0.90 0.00
PATTRSNVILLE___SOLAR 323815	40.59 0.90 0.14	33.65 0.73 0.00	31.90 0.73 0.00	31.10 0.73 0.00	33.23 0.78 0.00	37.27 0.89 0.00	33.22 0.76 0.00	33.54 0.59 0.00	29.39 0.26 0.00	34.63 0.01 0.00	44.19 -0.11 0.00	51.59 -0.20 0.00	-4.24 0.06 48.34	56.78 -0.07 0.00	58.47 -0.03 0.00	79.98 0.04 0.00	93.60 0.53 0.00	293.14 4.31 0.00	622.37 13.33 0.00	452.14 9.91 -88.49	82.31 2.10 0.00	94.42 2.35 0.00	90.28 2.15 0.00	58.12 1.39 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	41.34 1.51 0.00	33.51 0.59 0.00	31.33 0.15 0.00	30.37 0.00 0.00	32.47 0.02 0.00	36.10 -0.29 0.00	31.91 -0.55 0.00	32.72 -0.23 0.00	29.41 0.28 0.00	36.20 1.59 0.00	47.17 2.86 0.00	55.22 3.43 0.00	46.78 2.73 0.00	60.95 4.10 0.00	62.85 4.35 0.00	85.50 5.56 0.00	97.95 4.87 0.00	296.80 7.98 0.00	624.68 15.64 0.00	360.99 7.26 0.00	82.04 1.83 0.00	95.69 3.62 0.00	92.14 4.01 0.00	58.95 2.22 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.92 0.90 -0.19	33.74 0.82 0.00	31.99 0.82 0.00	31.18 0.80 0.00	33.27 0.83 0.00	37.27 0.89 0.00	33.26 0.79 0.00	33.84 0.89 0.00	30.36 0.92 -0.30	35.55 0.94 0.00	45.67 1.22 -0.14	53.21 1.42 0.00	111.21 1.31 -65.86	58.45 1.60 0.00	60.19 1.70 0.00	82.27 2.32 0.00	96.31 3.23 0.00	300.97 12.14 0.00	632.81 23.77 0.00	373.47 11.38 -8.36	81.98 1.77 0.00	93.86 1.79 0.00	89.82 1.69 0.00	58.01 1.28 0.00
PEEKSKILL___ 23653	40.54 0.49 -0.21	33.42 0.50 0.00	31.71 0.53 0.00	30.90 0.52 0.00	32.98 0.53 0.00	36.93 0.54 0.00	32.94 0.48 0.00	33.51 0.56 0.00	30.90 0.64 -1.13	35.20 0.58 0.00	45.54 0.71 -0.53	52.57 0.78 0.00	117.94 0.71 -73.18	57.55 0.70 0.00	59.20 0.70 0.00	80.85 0.91 0.00	94.55 1.48 0.00	295.22 6.40 0.00	620.45 11.41 0.00	366.08 4.33 -8.02	80.46 0.25 0.00	92.19 0.12 0.00	88.37 0.24 0.00	57.23 0.50 0.00
PGE MADISON___WINDPWR 24146	42.43 2.60 0.00	34.90 1.98 0.00	32.96 1.79 0.00	32.12 1.75 0.00	34.36 1.91 0.00	38.44 2.05 0.00	34.11 1.65 0.00	34.62 1.67 0.00	30.51 1.37 0.00	36.45 1.80 -0.03	46.86 2.56 0.00	54.84 3.05 0.00	46.68 2.64 0.00	60.55 3.67 -0.03	62.67 3.94 -0.24	86.25 5.55 -0.76	102.30 7.08 -2.14	315.27 22.89 -3.56	672.25 57.44 -5.77	398.99 35.28 -9.97	88.04 7.72 -0.12	100.77 8.06 -0.64	95.63 6.60 -0.90	60.12 3.39 0.00

PIERCEFIELD___HYD 23852	41.32 1.50 0.00	34.13 1.21 0.00	32.12 0.95 0.00	31.12 0.75 0.00	33.24 0.80 0.00	37.37 0.98 0.00	33.49 1.02 0.00	33.98 1.03 0.00	30.06 0.93 0.00	35.77 1.16 0.00	45.66 1.35 0.00	53.39 1.60 0.00	45.28 1.23 0.00	58.36 1.50 -0.01	60.06 1.47 -0.09	82.41 2.18 -0.28	96.29 2.41 -0.80	296.17 6.01 -1.34	623.33 12.13 -2.16	367.04 11.55 -1.75	782.42 4.13 -698.09	1087.89 4.61 -991.21	291.79 3.81 -199.85	60.39 2.17 -1.50
PINELAWN_CC_1 323563	40.91 0.87 -0.21	33.92 1.00 0.00	32.15 0.97 0.00	31.21 0.84 0.00	33.21 0.76 0.00	37.24 0.85 0.00	33.12 0.66 0.00	33.75 0.80 0.00	31.09 0.99 -0.95	35.49 0.88 0.00	48.71 2.03 -2.37	53.92 2.13 0.00	118.65 1.67 -72.93	58.22 1.37 0.00	59.34 0.96 0.12	80.96 1.03 0.01	91.78 1.34 2.63	285.01 4.43 8.25	254.68 6.37 360.73	231.25 1.75 124.24	63.31 11.55 16.80	74.89 -0.04 17.14	60.82 -0.18 27.14	57.30 0.57 0.00
PJM_GEN_HTTP_PROXY 323702	40.73 0.68 -0.21	33.57 0.65 0.00	31.84 0.66 0.00	31.01 0.64 0.00	33.08 0.63 0.00	37.04 0.65 0.00	33.04 0.58 0.00	33.65 0.70 0.00	30.91 0.81 -0.96	35.41 0.79 0.00	45.25 0.98 0.04	52.87 1.08 0.00	116.93 0.99 -71.89	64.09 0.97 -6.27	61.51 0.95 -2.06	81.17 1.23 0.00	94.90 1.83 0.00	296.24 7.41 0.00	622.19 13.14 0.00	397.31 5.28 -38.30	80.64 0.43 0.00	92.36 0.30 0.00	88.54 0.40 0.00	57.24 0.69 0.18
PJM_GEN_KEystone 24065	40.13 0.19 -0.11	20.58 0.01 12.34	18.49 -0.09 12.59	21.40 -0.10 8.87	24.15 -0.13 8.17	24.78 -0.27 11.33	21.82 -0.36 10.28	23.20 -0.21 9.54	18.20 0.01 10.94	34.84 0.36 0.13	43.44 0.70 1.57	52.53 0.74 0.00	75.11 0.52 -30.54	63.58 0.81 -5.93	61.07 0.84 -1.73	80.68 0.87 0.13	93.68 0.60 0.00	289.04 0.21 0.00	608.30 -0.75 0.00	296.09 -2.38 55.27	79.36 -0.85 0.00	91.42 -0.51 0.13	88.09 -0.04 0.00	56.58 0.03 0.18
PJM_GEN_NEPTUNE_PROXY 323594	40.54 0.50 -0.21	33.57 0.65 0.00	31.82 0.64 0.00	30.92 0.55 0.00	32.92 0.48 0.00	36.92 0.53 0.00	32.86 0.39 0.00	33.48 0.53 0.00	30.81 0.72 -0.95	35.22 0.60 0.00	47.66 1.48 -1.88	53.29 1.49 0.00	114.74 1.15 -69.54	63.92 0.80 -6.27	60.99 0.43 -2.06	80.33 0.38 0.00	93.68 0.61 0.00	285.36 2.25 5.72	170.76 1.77 440.05	231.35 -1.05 121.34	60.10 -0.80 19.30	72.85 -0.89 18.33	53.81 -0.87 33.45	56.68 0.13 0.18
PJM_GEN_VFT_PROXY 323633	40.50 0.46 -0.21	33.38 0.46 0.00	31.65 0.47 0.00	30.82 0.45 0.00	32.88 0.44 0.00	36.82 0.43 0.00	32.84 0.38 0.00	33.45 0.50 0.00	30.73 0.64 -0.96	35.21 0.59 0.00	41.01 0.69 3.98	52.53 0.74 0.00	47.78 0.68 -3.04	58.76 0.53 -1.38	56.36 0.48 2.62	78.70 0.62 1.87	94.22 1.15 0.00	294.18 5.35 0.00	617.79 8.75 0.00	394.60 2.57 -38.30	80.04 -0.17 0.00	89.74 -0.42 1.91	87.86 -0.27 0.00	56.84 0.29 0.18
PLATSBURG_115KV_PMLD1 355749	40.42 0.59 0.00	33.44 0.52 0.00	31.70 0.53 0.00	30.75 0.37 0.00	32.83 0.38 0.00	36.89 0.50 0.00	32.98 0.51 0.00	33.48 0.53 0.00	29.62 0.48 0.00	35.34 0.72 0.00	45.22 0.92 0.00	53.03 1.24 0.00	44.88 0.83 0.00	57.77 0.91 0.00	59.34 0.84 0.00	81.10 1.16 0.00	94.72 1.65 0.00	292.26 3.43 0.00	618.21 9.17 0.00	359.32 5.59 0.00	-11.79 2.16 94.16	-43.06 2.42 137.54	53.17 1.28 36.25	57.56 0.73 -0.11
PLEASANTVLY___LBMP 24000	40.34 0.27 -0.24	33.25 0.33 0.00	31.58 0.40 0.00	30.80 0.43 0.00	32.89 0.44 0.00	36.85 0.47 0.00	32.90 0.43 0.00	33.43 0.48 0.00	30.04 0.52 -0.38	35.02 0.40 0.00	44.92 0.44 -0.18	52.20 0.40 0.00	127.97 0.38 -83.55	57.18 0.33 0.00	58.80 0.30 0.00	80.29 0.35 0.00	93.89 0.81 0.00	293.42 4.60 0.00	617.39 8.35 0.00	365.24 2.96 -8.54	80.13 -0.07 0.00	91.87 -0.20 0.00	88.09 -0.04 0.00	57.00 0.27 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.65 0.60 -0.22	33.52 0.60 0.00	31.80 0.62 0.00	30.98 0.61 0.00	33.08 0.63 0.00	37.04 0.65 0.00	33.03 0.57 0.00	33.62 0.67 0.00	30.61 0.75 -0.73	35.32 0.71 0.00	45.52 0.88 -0.34	52.74 0.95 0.00	120.13 0.85 -75.23	57.76 0.91 0.00	59.40 0.90 0.00	81.13 1.19 0.00	94.88 1.81 0.00	296.32 7.50 0.00	622.85 13.81 0.00	367.63 5.74 -8.15	80.77 0.57 0.00	92.58 0.51 0.00	88.72 0.59 0.00	57.44 0.71 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.65 0.60 -0.22	33.52 0.60 0.00	31.80 0.62 0.00	30.98 0.61 0.00	33.08 0.63 0.00	37.04 0.65 0.00	33.03 0.57 0.00	33.62 0.67 0.00	30.61 0.75 -0.73	35.32 0.71 0.00	45.52 0.88 -0.34	52.74 0.95 0.00	120.13 0.85 -75.23	57.76 0.91 0.00	59.40 0.90 0.00	81.13 1.19 0.00	94.88 1.81 0.00	296.32 7.50 0.00	622.85 13.81 0.00	367.63 5.74 -8.15	80.77 0.57 0.00	92.58 0.51 0.00	88.72 0.59 0.00	57.44 0.71 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.49 0.66 0.00	33.55 0.63 0.00	31.82 0.64 0.00	31.01 0.64 0.00	33.12 0.67 0.00	37.10 0.71 0.00	33.13 0.66 0.00	33.68 0.73 0.00	29.88 0.74 0.00	35.30 0.68 0.00	45.14 0.84 0.00	52.71 0.92 0.00	44.91 0.86 0.00	57.88 1.03 0.00	59.61 1.12 0.00	81.50 1.56 0.00	95.46 2.39 0.00	298.43 9.60 0.00	628.46 19.41 0.00	371.98 9.15 -9.10	81.49 1.28 0.00	93.28 1.21 0.00	89.30 1.16 0.00	57.69 0.96 0.00
POLETTI_____ 23519	40.63 0.59 -0.21	33.51 0.58 0.00	31.77 0.59 0.00	30.94 0.56 0.00	33.00 0.55 0.00	36.95 0.56 0.00	32.97 0.50 0.00	33.58 0.63 0.00	30.87 0.77 -0.96	35.35 0.74 0.00	45.63 0.88 -0.45	52.74 0.95 0.00	119.49 0.87 -74.57	57.66 0.80 0.00	59.27 0.77 0.00	80.95 1.01 0.00	94.68 1.61 0.00	295.51 6.69 0.00	620.50 11.45 0.00	366.06 4.23 -8.10	80.39 0.18 0.00	92.06 0.00 0.00	88.26 0.12 0.00	57.24 0.51 0.00
POMONA___ESR 323819	40.56 0.53 -0.20	33.43 0.51 0.00	31.72 0.54 0.00	30.91 0.54 0.00	32.99 0.54 0.00	36.93 0.54 0.00	32.94 0.48 0.00	33.51 0.56 0.00	28.12 0.64 1.66	35.22 0.61 0.00	44.26 0.73 0.77	52.62 0.83 0.00	114.57 0.76 -69.76	57.64 0.79 0.00	59.34 0.84 0.00	81.08 1.14 0.00	94.84 1.77 0.00	296.09 7.26 0.00	621.78 12.73 0.00	366.52 4.96 -7.83	80.58 0.37 0.00	92.27 0.21 0.00	88.45 0.32 0.00	57.27 0.54 0.00
PORT_JEFF_3 23555	40.90 0.86 -0.21	34.12 1.20 0.00	32.34 1.17 0.00	31.38 1.00 0.00	33.34 0.89 0.00	37.45 1.07 0.00	33.30 0.84 0.00	33.95 1.00 0.00	31.31 1.22 -0.96	35.77 1.15 0.00	49.20 2.52 -2.37	54.31 2.51 0.00	118.58 1.89 -72.64	58.25 1.40 0.00	59.37 1.13 0.26	94.33 1.23 -13.16	91.26 1.38 3.20	283.46 3.22 8.59	201.94 1.86 408.96	212.26 -0.05 141.42	60.48 -0.40 19.33	71.73 -0.43 19.91	56.50 -0.74 30.90	56.89 0.16 0.00
PORT_JEFF_4 23616	40.90 0.86 -0.21	34.12 1.20 0.00	32.34 1.17 0.00	31.38 1.00 0.00	33.34 0.89 0.00	37.45 1.07 0.00	33.30 0.84 0.00	33.95 1.00 0.00	31.31 1.22 -0.96	35.77 1.15 0.00	49.20 2.52 -2.37	54.31 2.51 0.00	118.58 1.89 -72.64	58.25 1.40 0.00	59.37 1.13 0.26	94.33 1.23 -13.16	91.26 1.38 3.20	283.46 3.22 8.59	201.94 1.86 408.96	212.26 -0.05 141.42	60.48 -0.40 19.33	71.73 -0.43 19.91	56.50 -0.74 30.90	56.89 0.16 0.00

PORT_JEFF_IC 23713	40.94 0.89 -0.21	34.14 1.23 0.00	32.37 1.19 0.00	31.41 1.04 0.00	33.37 0.91 0.00	37.49 1.10 0.00	33.34 0.88 0.00	33.98 1.04 0.00	31.35 1.26 -0.96	35.82 1.20 0.00	49.30 2.62 -2.37	54.43 2.64 0.00	118.71 2.01 -72.65	58.41 1.56 0.00	59.48 1.33 0.34	96.44 1.52 -14.98	90.68 1.71 4.10	282.40 3.25 9.67	202.53 1.37 407.88	212.22 -0.27 141.24	60.34 -0.18 19.69	71.14 -0.23 20.70	56.92 -0.44 30.77	56.98 0.25 0.00
PPL PILGRIM_ST_GT1 24216	41.03 0.98 -0.21	34.12 1.20 0.00	32.33 1.16 0.00	31.39 1.02 0.00	33.37 0.92 0.00	37.45 1.06 0.00	33.28 0.82 0.00	33.93 0.98 0.00	31.27 1.18 -0.95	35.73 1.11 0.00	49.14 2.46 -2.37	54.41 2.62 0.00	118.82 2.06 -72.71	58.60 1.75 0.00	59.39 1.21 0.32	81.52 0.99 -0.59	89.54 0.70 4.23	281.53 2.03 9.32	208.28 0.62 401.38	213.50 -1.28 138.95	60.51 -0.38 19.32	71.57 -0.24 20.26	57.66 -0.19 30.28	57.40 0.67 0.00
PPL PILGRIM_ST_GT2 24217	41.03 0.98 -0.21	34.12 1.20 0.00	32.33 1.16 0.00	31.39 1.02 0.00	33.37 0.92 0.00	37.45 1.06 0.00	33.28 0.82 0.00	33.93 0.98 0.00	31.27 1.18 -0.95	35.73 1.11 0.00	49.14 2.46 -2.37	54.41 2.62 0.00	118.82 2.06 -72.71	58.60 1.75 0.00	59.39 1.21 0.32	81.52 0.99 -0.59	89.54 0.70 4.23	281.53 2.03 9.32	208.28 0.62 401.38	213.50 -1.28 138.95	60.51 -0.38 19.32	71.57 -0.24 20.26	57.66 -0.19 30.28	57.40 0.67 0.00
PPL_SHRM_GT3 24213	40.86 0.82 -0.21	34.22 1.30 0.00	32.54 1.36 0.00	31.58 1.21 0.00	33.51 1.06 0.00	37.77 1.38 0.00	33.57 1.11 0.00	34.24 1.30 0.00	31.59 1.50 -0.96	36.02 1.41 0.00	49.65 2.97 -2.37	54.53 2.74 0.00	118.58 1.88 -72.65	57.81 0.96 0.00	59.44 1.21 0.28	94.62 1.30 -13.38	90.88 1.20 3.40	283.43 3.42 8.82	201.02 0.31 408.33	212.21 -0.28 141.24	60.03 -0.79 19.39	71.26 -0.75 20.06	56.01 -1.28 30.84	56.52 -0.20 0.00
PPL_SHRM_GT4 24214	40.86 0.82 -0.21	34.22 1.30 0.00	32.54 1.36 0.00	31.58 1.21 0.00	33.51 1.06 0.00	37.77 1.38 0.00	33.57 1.11 0.00	34.24 1.30 0.00	31.59 1.50 -0.96	36.02 1.41 0.00	49.65 2.97 -2.37	54.53 2.74 0.00	118.58 1.88 -72.65	57.81 0.96 0.00	59.44 1.21 0.28	94.62 1.30 -13.38	90.88 1.20 3.40	283.43 3.42 8.82	201.02 0.31 408.33	212.21 -0.28 141.24	60.03 -0.79 19.39	71.26 -0.75 20.06	56.01 -1.28 30.84	56.52 -0.20 0.00
PROJECT___ORANGE 1 24174	39.60 -0.22 0.00	32.59 -0.33 0.00	30.79 -0.39 0.00	30.00 -0.38 0.00	32.03 -0.42 0.00	35.87 -0.52 0.00	31.93 -0.53 0.00	32.43 -0.51 0.00	28.71 -0.43 0.00	34.30 -0.32 0.00	44.11 -0.19 0.00	51.65 -0.14 0.00	43.99 -0.06 0.00	57.00 0.11 -0.04	59.05 0.23 -0.31	81.26 0.31 -1.01	96.14 0.22 -2.85	294.07 0.51 -4.73	618.16 1.45 -7.67	360.42 0.47 -6.22	96.36 0.04 -16.12	116.08 0.06 -23.95	94.89 -0.04 -6.80	56.55 -0.18 0.00
PROJECT___ORANGE 2 24166	39.60 -0.22 0.00	32.59 -0.33 0.00	30.79 -0.39 0.00	30.00 -0.38 0.00	32.03 -0.42 0.00	35.87 -0.52 0.00	31.93 -0.53 0.00	32.43 -0.51 0.00	28.71 -0.43 0.00	34.30 -0.32 0.00	44.11 -0.19 0.00	51.65 -0.14 0.00	43.99 -0.06 0.00	57.00 0.11 -0.04	59.05 0.23 -0.31	81.26 0.31 -1.01	96.14 0.22 -2.85	294.07 0.51 -4.73	618.16 1.45 -7.67	360.42 0.47 -6.22	96.36 0.04 -16.12	116.08 0.06 -23.95	94.89 -0.04 -6.80	56.55 -0.18 0.00
PUCKETT___SOLAR 323809	40.56 0.74 0.00	33.40 0.48 0.00	31.56 0.39 0.00	30.75 0.38 0.00	32.84 0.39 0.00	36.78 0.39 0.00	32.71 0.25 0.00	33.17 0.22 0.00	29.23 0.10 0.00	34.84 0.18 -0.04	44.66 0.36 0.00	52.15 0.35 0.00	44.32 0.27 0.00	57.42 0.55 -0.03	59.38 0.66 -0.22	81.52 0.87 -0.70	96.15 1.11 -1.98	296.08 3.97 -3.29	628.05 13.68 -5.33	371.25 8.71 -8.80	82.25 1.94 -0.11	94.94 2.27 -0.59	90.99 2.03 -0.83	57.57 0.84 0.00
PYRITES___HYD 24023	42.20 2.38 0.00	34.87 1.95 0.00	32.84 1.67 0.00	31.83 1.46 0.00	34.01 1.56 0.00	38.20 1.81 0.00	34.21 1.75 0.00	34.62 1.67 0.00	30.56 1.43 0.00	36.17 1.55 0.00	45.92 1.62 0.00	53.67 1.88 0.00	45.50 1.45 0.00	58.62 1.77 0.00	60.24 1.74 0.00	82.62 2.68 0.00	95.97 2.90 0.00	297.11 8.28 0.00	628.25 19.20 0.00	372.48 18.75 0.00	792.09 6.17 -705.71	1099.98 6.97 -1000.94	293.62 5.98 -199.50	61.84 3.53 -1.59
QUAKERRD_115KV_BK1 80622	40.01 0.18 0.00	32.67 -0.24 0.00	30.69 -0.48 0.00	29.80 -0.57 0.00	31.85 -0.60 0.00	35.52 -0.86 0.00	31.50 -0.96 0.00	32.15 -0.80 0.00	28.68 -0.45 0.00	34.79 0.18 0.00	45.09 0.78 0.00	52.88 1.09 0.00	44.94 0.90 0.00	58.36 1.50 0.00	60.24 1.74 0.00	82.19 2.24 0.00	94.98 1.91 0.00	290.83 2.01 0.00	610.32 1.28 0.00	353.49 -0.24 0.00	80.39 0.18 0.00	93.08 1.02 0.00	89.16 1.03 0.00	57.10 0.37 0.00
QUENSBRY_115KV_TB8 356137	41.36 1.72 0.19	34.30 1.38 0.00	32.57 1.39 0.00	31.77 1.40 0.00	33.95 1.51 0.00	38.08 1.70 0.00	33.86 1.40 0.00	34.31 1.36 0.00	30.34 1.20 0.00	35.82 1.21 0.00	45.44 1.13 0.00	52.85 1.06 0.00	-19.39 1.09 64.53	58.47 1.62 0.00	60.22 1.72 0.00	82.62 2.68 0.00	97.45 4.37 0.00	307.13 18.31 0.00	655.15 46.12 0.00	463.47 26.16 -83.58	85.11 4.90 0.00	97.34 5.27 0.00	92.43 4.30 0.00	59.42 2.69 0.00
RAMAPO___LBMP 323565	40.40 0.37 -0.20	33.30 0.38 0.00	31.59 0.42 0.00	30.79 0.41 0.00	32.87 0.42 0.00	36.81 0.42 0.00	32.82 0.36 0.00	33.38 0.43 0.00	28.13 0.51 1.53	35.08 0.46 0.00	44.12 0.53 0.71	52.36 0.57 0.00	113.13 0.52 -68.56	57.31 0.46 0.00	58.99 0.49 0.00	80.59 0.64 0.00	94.23 1.16 0.00	294.21 5.39 0.00	618.05 9.00 0.00	364.46 2.97 -7.76	80.13 -0.07 0.00	91.80 -0.27 0.00	88.05 -0.08 0.00	57.02 0.29 0.00
RANKINE___ 23646	41.47 1.65 0.00	33.57 0.65 0.00	31.35 0.18 0.00	30.39 0.01 0.00	32.52 0.07 0.00	36.13 -0.26 0.00	31.93 -0.54 0.00	32.75 -0.19 0.00	29.47 0.33 0.00	36.31 1.70 0.00	47.31 3.01 0.00	55.38 3.59 0.00	46.89 2.84 0.00	61.05 4.20 0.00	62.95 4.45 0.00	85.61 5.67 0.00	97.99 4.91 0.00	296.37 7.54 0.00	622.70 13.66 0.00	360.17 6.44 0.00	82.01 1.80 0.00	95.84 3.77 0.00	92.38 4.26 0.00	59.16 2.43 0.00
RAVENSWOOD_GT2_1 24244	40.76 0.72 -0.21	33.60 0.68 0.00	31.86 0.69 0.00	31.03 0.66 0.00	33.11 0.66 0.00	37.08 0.69 0.00	33.07 0.61 0.00	33.67 0.73 0.00	30.93 0.84 -0.96	35.44 0.83 0.00	45.77 1.02 -0.45	52.91 1.12 0.00	119.65 1.03 -74.57	57.87 1.02 0.00	59.49 0.99 0.00	81.22 1.28 0.00	94.96 1.89 0.00	296.48 7.65 0.00	622.80 13.75 0.00	367.38 5.55 -8.10	80.70 0.49 0.00	92.43 0.36 0.00	88.62 0.48 0.00	57.47 0.74 0.00
RAVENSWOOD_GT2_2 24245	40.76 0.72 -0.21	33.60 0.68 0.00	31.86 0.69 0.00	31.03 0.66 0.00	33.11 0.66 0.00	37.08 0.69 0.00	33.07 0.61 0.00	33.67 0.73 0.00	30.93 0.84 -0.96	35.44 0.83 0.00	45.77 1.02 -0.45	52.91 1.12 0.00	119.65 1.03 -74.57	57.87 1.02 0.00	59.49 0.99 0.00	81.22 1.28 0.00	94.96 1.89 0.00	296.48 7.65 0.00	622.80 13.75 0.00	367.38 5.55 -8.10	80.70 0.49 0.00	92.43 0.36 0.00	88.62 0.48 0.00	57.47 0.74 0.00

RAVENSWOOD_GT2_3 24246	40.79 0.75 -0.21	33.61 0.69 0.00	31.87 0.70 0.00	31.05 0.68 0.00	33.12 0.67 0.00	37.09 0.70 0.00	33.08 0.62 0.00	33.70 0.75 0.00	30.93 0.84 -0.96	35.47 0.85 0.00	45.81 1.06 -0.45	52.95 1.16 0.00	119.67 1.05 -74.57	57.90 1.04 0.00	59.53 1.03 0.00	81.28 1.34 0.00	95.05 1.98 0.00	296.68 7.85 0.00	623.10 14.05 0.00	367.60 5.77 -8.10	80.75 0.54 0.00	92.49 0.43 0.00	88.66 0.53 0.00	57.50 0.77 0.00
RAVENSWOOD_GT2_4 24247	40.79 0.75 -0.21	33.61 0.69 0.00	31.87 0.70 0.00	31.05 0.68 0.00	33.12 0.67 0.00	37.09 0.70 0.00	33.08 0.62 0.00	33.70 0.75 0.00	30.93 0.84 -0.96	35.47 0.85 0.00	45.81 1.06 -0.45	52.95 1.16 0.00	119.67 1.05 -74.57	57.90 1.04 0.00	59.53 1.03 0.00	81.28 1.34 0.00	95.05 1.98 0.00	296.68 7.85 0.00	623.10 14.05 0.00	367.60 5.77 -8.10	80.75 0.54 0.00	92.49 0.43 0.00	88.66 0.53 0.00	57.50 0.77 0.00
RAVENSWOOD_GT3_1 24248	40.76 0.72 -0.21	33.60 0.68 0.00	31.86 0.69 0.00	31.03 0.66 0.00	33.11 0.66 0.00	37.08 0.69 0.00	33.07 0.61 0.00	33.67 0.73 0.00	30.93 0.84 -0.96	35.45 0.83 0.00	45.77 1.02 -0.45	52.91 1.12 0.00	119.65 1.03 -74.57	57.87 1.02 0.00	59.50 1.00 0.00	81.22 1.28 0.00	94.96 1.89 0.00	296.48 7.65 0.00	622.80 13.75 0.00	367.38 5.55 -8.10	80.70 0.49 0.00	92.43 0.36 0.00	88.62 0.49 0.00	57.47 0.74 0.00
RAVENSWOOD_GT3_2 24249	40.76 0.72 -0.21	33.60 0.68 0.00	31.86 0.69 0.00	31.03 0.66 0.00	33.11 0.66 0.00	37.08 0.69 0.00	33.07 0.61 0.00	33.67 0.73 0.00	30.93 0.84 -0.96	35.45 0.83 0.00	45.77 1.02 -0.45	52.91 1.12 0.00	119.65 1.03 -74.57	57.87 1.02 0.00	59.50 1.00 0.00	81.22 1.28 0.00	94.96 1.89 0.00	296.48 7.65 0.00	622.80 13.75 0.00	367.38 5.55 -8.10	80.70 0.49 0.00	92.43 0.36 0.00	88.62 0.49 0.00	57.47 0.74 0.00
RAVENSWOOD_GT3_3 24250	40.83 0.79 -0.21	33.65 0.73 0.00	31.91 0.74 0.00	31.08 0.71 0.00	33.15 0.71 0.00	37.13 0.74 0.00	33.12 0.66 0.00	33.73 0.78 0.00	30.97 0.88 -0.96	35.51 0.90 0.00	45.86 1.11 -0.45	53.02 1.23 0.00	119.74 1.12 -74.57	57.99 1.14 0.00	59.62 1.13 0.00	81.43 1.48 0.00	95.20 2.13 0.00	297.12 8.30 0.00	624.01 14.97 0.00	368.19 6.35 -8.10	80.87 0.66 0.00	92.63 0.56 0.00	88.80 0.67 0.00	57.59 0.86 0.00
RAVENSWOOD_GT3_4 24251	40.83 0.79 -0.21	33.65 0.73 0.00	31.91 0.74 0.00	31.08 0.71 0.00	33.15 0.71 0.00	37.13 0.74 0.00	33.12 0.66 0.00	33.73 0.78 0.00	30.97 0.88 -0.96	35.51 0.90 0.00	45.86 1.11 -0.45	53.02 1.23 0.00	119.74 1.12 -74.57	57.99 1.14 0.00	59.62 1.13 0.00	81.43 1.48 0.00	95.20 2.13 0.00	297.12 8.30 0.00	624.01 14.97 0.00	368.19 6.35 -8.10	80.87 0.66 0.00	92.63 0.56 0.00	88.80 0.67 0.00	57.59 0.86 0.00
RAVENSWOOD_GT_1 23729	40.81 0.77 -0.21	33.62 0.70 0.00	31.87 0.70 0.00	31.03 0.66 0.00	33.10 0.65 0.00	37.08 0.69 0.00	33.08 0.62 0.00	33.71 0.76 0.00	30.96 0.87 -0.96	35.49 0.87 0.00	45.77 1.02 -0.45	52.95 1.16 0.00	119.72 1.10 -74.57	57.83 0.98 0.00	59.46 0.96 0.00	81.16 1.22 0.00	94.95 1.88 0.00	296.57 7.75 0.00	622.26 13.22 0.00	367.14 5.30 -8.10	80.56 0.35 0.00	92.17 0.10 0.00	88.37 0.24 0.00	57.49 0.76 0.00
RAVENSWOOD_GT_10 24258	40.76 0.72 -0.21	33.61 0.69 0.00	31.86 0.69 0.00	31.03 0.66 0.00	33.11 0.66 0.00	37.08 0.69 0.00	33.07 0.61 0.00	33.67 0.73 0.00	30.93 0.84 -0.96	35.45 0.83 0.00	45.78 1.03 -0.45	52.92 1.13 0.00	119.65 1.03 -74.57	57.88 1.03 0.00	59.50 1.00 0.00	81.23 1.29 0.00	94.97 1.90 0.00	296.53 7.70 0.00	622.80 13.75 0.00	367.47 5.63 -8.10	80.71 0.50 0.00	92.45 0.38 0.00	88.62 0.49 0.00	57.48 0.75 0.00
RAVENSWOOD_GT_11 24259	40.76 0.72 -0.21	33.61 0.69 0.00	31.86 0.69 0.00	31.03 0.66 0.00	33.11 0.66 0.00	37.08 0.69 0.00	33.07 0.61 0.00	33.67 0.73 0.00	30.93 0.84 -0.96	35.45 0.83 0.00	45.78 1.03 -0.45	52.92 1.13 0.00	119.65 1.03 -74.57	57.88 1.03 0.00	59.50 1.00 0.00	81.23 1.29 0.00	94.97 1.90 0.00	296.53 7.70 0.00	622.80 13.75 0.00	367.47 5.63 -8.10	80.71 0.50 0.00	92.45 0.38 0.00	88.62 0.49 0.00	57.48 0.75 0.00
RAVENSWOOD_GT_4 24252	40.76 0.72 -0.21	33.61 0.69 0.00	31.86 0.69 0.00	31.03 0.66 0.00	33.11 0.66 0.00	37.08 0.69 0.00	33.07 0.61 0.00	33.68 0.73 0.00	30.93 0.84 -0.96	35.45 0.84 0.00	45.78 1.03 -0.45	52.92 1.13 0.00	119.65 1.03 -74.57	57.87 1.02 0.00	59.50 1.00 0.00	81.23 1.28 0.00	94.97 1.90 0.00	296.53 7.70 0.00	622.80 13.75 0.00	367.40 5.57 -8.10	80.71 0.50 0.00	92.44 0.37 0.00	88.62 0.49 0.00	57.48 0.75 0.00
RAVENSWOOD_GT_5 24254	40.76 0.72 -0.21	33.61 0.69 0.00	31.86 0.69 0.00	31.03 0.66 0.00	33.11 0.66 0.00	37.08 0.69 0.00	33.07 0.61 0.00	33.68 0.73 0.00	30.93 0.84 -0.96	35.45 0.84 0.00	45.78 1.03 -0.45	52.92 1.13 0.00	119.65 1.03 -74.57	57.87 1.02 0.00	59.50 1.00 0.00	81.23 1.28 0.00	94.97 1.90 0.00	296.53 7.70 0.00	622.80 13.75 0.00	367.40 5.57 -8.10	80.71 0.50 0.00	92.44 0.37 0.00	88.62 0.49 0.00	57.48 0.75 0.00
RAVENSWOOD_GT_6 24253	40.76 0.72 -0.21	33.61 0.69 0.00	31.86 0.69 0.00	31.03 0.66 0.00	33.11 0.66 0.00	37.08 0.69 0.00	33.07 0.61 0.00	33.68 0.73 0.00	30.93 0.84 -0.96	35.45 0.84 0.00	45.78 1.03 -0.45	52.92 1.13 0.00	119.65 1.03 -74.57	57.87 1.02 0.00	59.50 1.00 0.00	81.23 1.28 0.00	94.97 1.90 0.00	296.53 7.70 0.00	622.80 13.75 0.00	367.40 5.57 -8.10	80.71 0.50 0.00	92.44 0.37 0.00	88.62 0.49 0.00	57.48 0.75 0.00
RAVENSWOOD_GT_7 24255	40.76 0.72 -0.21	33.61 0.69 0.00	31.86 0.69 0.00	31.03 0.66 0.00	33.11 0.66 0.00	37.08 0.69 0.00	33.07 0.61 0.00	33.68 0.73 0.00	30.93 0.84 -0.96	35.45 0.84 0.00	45.78 1.03 -0.45	52.92 1.13 0.00	119.65 1.03 -74.57	57.87 1.02 0.00	59.50 1.00 0.00	81.23 1.28 0.00	94.97 1.90 0.00	296.53 7.70 0.00	622.80 13.75 0.00	367.40 5.57 -8.10	80.71 0.50 0.00	92.44 0.37 0.00	88.62 0.49 0.00	57.48 0.75 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.76 0.72 -0.21	33.61 0.69 0.00	31.86 0.69 0.00	31.03 0.66 0.00	33.11 0.66 0.00	37.08 0.69 0.00	33.07 0.61 0.00	33.67 0.73 0.00	30.93 0.84 -0.96	35.45 0.83 0.00	45.78 1.03 -0.45	52.92 1.13 0.00	119.65 1.03 -74.57	57.88 1.03 0.00	59.50 1.00 0.00	81.23 1.29 0.00	94.97 1.90 0.00	296.53 7.70 0.00	622.80 13.75 0.00	367.47 5.63 -8.10	80.71 0.50 0.00	92.45 0.38 0.00	88.62 0.49 0.00	57.48 0.75 0.00
RAVENSWOOD_GT_9 24257	40.76 0.72 -0.21	33.61 0.69 0.00	31.86 0.69 0.00	31.03 0.66 0.00	33.11 0.66 0.00	37.08 0.69 0.00	33.07 0.61 0.00	33.67 0.73 0.00	30.93 0.84 -0.96	35.45 0.83 0.00	45.78 1.03 -0.45	52.92 1.13 0.00	119.65 1.03 -74.57	57.88 1.03 0.00	59.50 1.00 0.00	81.23 1.29 0.00	94.97 1.90 0.00	296.53 7.70 0.00	622.80 13.75 0.00	367.47 5.63 -8.10	80.71 0.50 0.00	92.45 0.38 0.00	88.62 0.49 0.00	57.48 0.75 0.00

RAVENSWOOD___1 23533	40.82 0.77 -0.21	33.61 0.69 0.00	31.87 0.69 0.00	31.03 0.66 0.00	33.10 0.65 0.00	37.08 0.69 0.00	33.08 0.62 0.00	33.71 0.76 0.00	30.96 0.87 -0.96	35.49 0.87 0.00	45.77 1.03 -0.45	52.95 1.16 0.00	119.73 1.10 -74.57	57.84 0.99 0.00	59.46 0.96 0.00	81.16 1.21 0.00	94.95 1.88 0.00	296.57 7.75 0.00	622.21 13.17 0.00	367.14 5.30 -8.10	80.56 0.35 0.00	92.17 0.10 0.00	88.36 0.22 0.00	57.49 0.77 0.00
RAVENSWOOD___2 23534	40.82 0.77 -0.21	33.61 0.69 0.00	31.87 0.69 0.00	31.03 0.66 0.00	33.10 0.65 0.00	37.08 0.69 0.00	33.08 0.62 0.00	33.71 0.76 0.00	30.96 0.87 -0.96	35.49 0.87 0.00	45.77 1.03 -0.45	52.95 1.16 0.00	119.73 1.10 -74.57	57.84 0.99 0.00	59.46 0.96 0.00	81.16 1.21 0.00	94.95 1.88 0.00	296.57 7.75 0.00	622.21 13.17 0.00	367.14 5.30 -8.10	80.56 0.35 0.00	92.17 0.10 0.00	88.36 0.22 0.00	57.49 0.77 0.00
RAVENSWOOD___3 23535	40.76 0.72 -0.21	33.61 0.69 0.00	31.86 0.69 0.00	31.03 0.66 0.00	33.11 0.66 0.00	37.08 0.69 0.00	33.07 0.61 0.00	33.67 0.73 0.00	30.93 0.84 -0.96	35.45 0.84 0.00	45.77 1.03 -0.45	52.92 1.13 0.00	119.65 1.03 -74.57	57.87 1.02 0.00	59.50 1.00 0.00	81.22 1.28 0.00	94.97 1.90 0.00	296.49 7.67 0.00	622.79 13.75 0.00	367.36 5.53 -8.10	80.71 0.50 0.00	92.44 0.38 0.00	88.61 0.48 0.00	57.48 0.75 0.00
RAVENSWOOD___4 23820	40.82 0.77 -0.21	33.61 0.69 0.00	31.87 0.69 0.00	31.03 0.66 0.00	33.10 0.65 0.00	37.08 0.69 0.00	33.08 0.62 0.00	33.71 0.76 0.00	30.96 0.87 -0.96	35.49 0.87 0.00	45.77 1.03 -0.45	52.95 1.16 0.00	119.73 1.10 -74.57	57.84 0.99 0.00	59.46 0.96 0.00	81.16 1.21 0.00	94.95 1.88 0.00	296.57 7.75 0.00	622.21 13.17 0.00	367.14 5.30 -8.10	80.56 0.35 0.00	92.17 0.10 0.00	88.36 0.22 0.00	57.49 0.77 0.00
RCPL_TRUST___DRP 24196	40.78 0.74 -0.21	33.61 0.69 0.00	31.87 0.70 0.00	31.05 0.68 0.00	33.12 0.67 0.00	37.09 0.70 0.00	33.08 0.62 0.00	33.70 0.75 0.00	30.95 0.85 -0.96	35.46 0.84 0.00	45.81 1.06 -0.45	52.95 1.15 0.00	119.65 1.04 -74.56	57.90 1.05 0.00	59.52 1.02 0.00	81.28 1.34 0.00	95.05 1.98 0.00	296.67 7.84 0.00	622.93 13.89 0.00	367.48 5.64 -8.10	80.75 0.55 0.00	92.50 0.43 0.00	88.66 0.53 0.00	57.50 0.77 0.00
RED___ROCHESTER 323720	41.53 1.70 0.00	33.84 0.92 0.00	31.72 0.54 0.00	30.78 0.40 0.00	32.87 0.43 0.00	36.63 0.24 0.00	32.46 0.00 0.00	33.16 0.21 0.00	29.66 0.52 0.00	36.06 1.50 0.06	46.90 2.59 0.00	55.06 3.27 0.00	46.83 2.79 0.00	60.92 4.07 0.00	62.94 4.44 0.00	85.87 5.93 0.00	99.05 5.98 0.00	302.28 13.46 0.00	633.38 24.34 0.00	366.44 12.71 0.00	83.31 3.10 0.00	96.64 4.57 0.00	92.58 4.45 0.00	59.21 2.48 0.00
REGAN___SOLAR 323812	41.90 2.20 0.13	34.60 1.69 0.00	32.67 1.50 0.00	31.75 1.38 0.00	33.91 1.47 0.00	38.01 1.62 0.00	33.88 1.42 0.00	33.92 0.97 0.00	29.22 0.09 0.00	34.23 -0.39 0.00	43.69 -0.61 0.00	51.02 -0.78 0.00	0.00 0.05 44.10	56.28 -0.57 0.00	58.05 -0.45 0.00	79.82 -0.12 0.00	93.44 0.37 0.00	295.14 6.32 0.00	635.98 26.94 0.00	460.04 23.58 -82.72	85.95 5.74 0.00	98.40 6.34 0.00	93.80 5.66 0.00	60.16 3.43 0.00
RENSSELAER___COGEN 23796	39.88 0.22 0.17	33.21 0.30 0.00	31.62 0.44 0.00	30.90 0.53 0.00	33.07 0.62 0.00	37.06 0.67 0.00	33.06 0.59 0.00	33.49 0.54 0.00	29.54 0.40 0.00	34.81 0.20 0.00	44.35 0.04 0.00	51.68 -0.11 0.00	-14.03 -0.05 58.03	56.77 -0.08 0.00	58.40 -0.09 0.00	79.81 -0.13 0.00	93.20 0.13 0.00	291.61 2.79 0.00	615.13 6.09 0.00	401.54 3.09 -44.71	80.24 0.04 0.00	92.26 0.20 0.00	88.38 0.25 0.00	57.06 0.34 0.00
REPUBLIC_115KV_BARTNBK 55605	44.01 4.37 0.19	36.42 3.50 0.00	34.51 3.33 0.00	33.60 3.23 0.00	35.95 3.51 0.00	40.25 3.87 0.00	35.63 3.17 0.00	36.06 3.11 0.00	32.19 3.05 0.00	37.96 3.34 0.00	48.33 4.03 0.00	55.94 4.14 0.00	-17.30 4.05 65.40	62.80 5.95 0.00	64.23 5.72 0.00	88.09 8.15 0.00	104.58 11.50 0.00	331.73 42.90 0.00	707.06 98.01 0.00	495.16 58.28 -83.14	91.58 11.37 0.00	104.62 12.55 0.00	98.92 10.79 0.00	63.28 6.55 0.00
REVERE_CPPR_DRP 24186	41.57 1.75 0.00	34.21 1.29 0.00	32.14 0.97 0.00	31.23 0.85 0.00	33.36 0.92 0.00	37.38 0.99 0.00	33.39 0.92 0.00	33.89 0.95 0.00	29.86 0.73 0.00	35.51 0.90 0.00	45.51 1.20 0.00	53.22 1.43 0.00	45.39 1.34 0.00	58.80 1.93 -0.02	60.87 2.22 -0.16	83.58 3.13 -0.50	98.48 3.98 -1.42	305.64 14.45 -2.36	648.29 35.42 -3.82	379.50 22.67 -3.10	144.52 5.14 -59.17	182.14 5.75 -84.32	110.49 4.87 -17.49	59.49 2.63 -0.13
REYNLDPA_13_KV_LD 356490	40.59 0.76 0.00	33.59 0.67 0.00	31.76 0.58 0.00	30.86 0.48 0.00	32.97 0.52 0.00	37.01 0.62 0.00	33.11 0.64 0.00	33.61 0.66 0.00	29.80 0.66 0.00	35.50 0.88 0.00	45.36 1.05 0.00	53.07 1.27 0.00	45.00 0.95 0.00	57.95 1.10 0.00	59.53 1.04 0.00	81.45 1.51 0.00	94.61 1.54 0.00	289.83 1.00 0.00	609.56 0.51 0.00	355.38 1.65 0.00	19.14 1.24 62.31	5.77 1.30 87.61	73.41 1.02 15.74	57.13 0.60 0.20
REYNOLDS_115KV_TB3 80639	39.85 0.22 0.20	33.24 0.31 0.00	31.66 0.49 0.00	30.96 0.59 0.00	33.15 0.70 0.00	37.14 0.76 0.00	33.12 0.65 0.00	33.55 0.60 0.00	29.60 0.46 0.00	34.86 0.25 0.00	44.36 0.05 0.00	51.67 -0.12 0.00	-26.02 -0.03 70.03	56.81 -0.04 0.00	58.40 -0.10 0.00	79.86 -0.08 0.00	93.34 0.27 0.00	292.37 3.54 0.00	616.45 7.41 0.00	407.26 3.87 -49.66	80.31 0.10 0.00	92.39 0.32 0.00	88.49 0.36 0.00	57.14 0.40 0.00
RIVERBAY____ 323610	41.90 1.86 -0.21	34.48 1.56 0.00	32.69 1.52 0.00	31.84 1.47 0.00	33.97 1.52 0.00	38.06 1.67 0.00	33.96 1.50 0.00	34.62 1.68 0.00	31.79 1.70 -0.96	36.54 1.93 0.00	47.09 2.34 -0.45	54.60 2.81 0.00	121.10 2.48 -74.57	59.60 2.75 0.00	61.32 2.83 0.00	83.39 3.45 0.00	97.84 4.76 0.00	305.47 16.64 0.00	640.50 31.46 0.00	377.99 16.16 -8.10	83.02 2.81 0.00	94.85 2.78 0.00	91.04 2.91 0.00	59.25 2.52 0.00
RIVERSDE_115KV_TB3 55908	39.98 0.34 0.19	33.32 0.40 0.00	31.72 0.54 0.00	31.01 0.63 0.00	33.19 0.74 0.00	37.19 0.80 0.00	33.16 0.69 0.00	33.60 0.65 0.00	29.64 0.51 0.00	34.94 0.32 0.00	44.49 0.18 0.00	51.85 0.06 0.00	-20.12 0.12 64.29	57.02 0.17 0.00	58.66 0.16 0.00	80.18 0.24 0.00	93.71 0.64 0.00	293.36 4.53 0.00	618.58 9.54 0.00	409.20 5.13 -50.33	80.64 0.43 0.00	92.73 0.66 0.00	88.80 0.67 0.00	57.31 0.58 0.00
ROARING___BROOK_WT_PWR 323790	39.86 0.03 0.00	32.87 -0.05 0.00	30.95 -0.23 0.00	30.08 -0.29 0.00	32.12 -0.33 0.00	36.07 -0.32 0.00	32.28 -0.18 0.00	32.83 -0.11 0.00	29.04 -0.09 0.00	34.64 0.03 0.00	44.39 0.08 0.00	51.90 0.10 0.00	44.11 0.07 0.00	56.91 0.06 0.00	58.55 0.05 0.00	80.02 0.08 0.00	93.16 0.09 0.00	288.82 -0.01 0.00	609.08 0.03 0.00	354.10 0.37 0.00	66.18 0.28 14.31	71.62 0.25 20.70	83.07 -0.05 5.02	56.46 -0.27 0.00

ROCHESRG_115KV_T4 355643	40.91 1.09 0.00	33.37 0.45 0.00	31.31 0.13 0.00	30.39 0.01 0.00	32.48 0.03 0.00	36.20 -0.19 0.00	32.08 -0.38 0.00	32.77 -0.18 0.00	29.29 0.16 0.00	35.63 1.02 0.00	46.22 1.91 0.00	54.17 2.38 0.00	46.01 1.96 0.00	59.77 2.91 0.00	61.68 3.18 0.00	84.13 4.18 0.00	97.01 3.94 0.00	296.07 7.24 0.00	620.41 11.37 0.00	359.31 5.57 0.00	81.81 1.60 0.00	94.98 2.91 0.00	91.09 2.96 0.00	58.35 1.62 0.00
ROCHESTER_9_IC 23652	41.24 1.41 0.00	33.61 0.69 0.00	31.53 0.35 0.00	30.59 0.22 0.00	32.70 0.25 0.00	36.43 0.04 0.00	32.28 -0.18 0.00	32.98 0.03 0.00	29.48 0.35 0.00	35.88 1.27 0.00	46.57 2.26 0.00	54.63 2.84 0.00	46.43 2.38 0.00	60.35 3.50 0.00	62.31 3.82 0.00	85.01 5.07 0.00	98.05 4.98 0.00	299.26 10.43 0.00	627.11 18.06 0.00	363.05 9.31 0.00	82.61 2.40 0.00	95.87 3.80 0.00	91.86 3.73 0.00	58.81 2.08 0.00
ROCKVIEW_13_KV_LD 356306	40.84 0.80 -0.21	33.67 0.75 0.00	31.94 0.76 0.00	31.11 0.74 0.00	33.19 0.74 0.00	37.17 0.78 0.00	33.16 0.69 0.00	33.75 0.80 0.00	30.97 0.87 -0.96	35.50 0.88 0.00	45.90 1.15 -0.45	53.07 1.28 0.00	119.76 1.15 -74.57	58.09 1.24 0.00	59.74 1.25 0.00	81.59 1.65 0.00	95.38 2.31 0.00	297.79 8.96 0.00	625.57 16.53 0.00	369.16 7.33 -8.10	81.11 0.91 0.00	92.95 0.88 0.00	89.08 0.95 0.00	57.70 0.97 0.00
ROME____115KV_TB2 80656	41.57 1.75 0.00	34.21 1.29 0.00	32.14 0.97 0.00	31.23 0.85 0.00	33.36 0.92 0.00	37.38 0.99 0.00	33.39 0.92 0.00	33.89 0.95 0.00	29.86 0.73 0.00	35.51 0.90 0.00	45.51 1.20 0.00	53.22 1.43 0.00	45.39 1.34 0.00	58.80 1.93 -0.02	60.87 2.22 -0.16	83.58 3.13 -0.50	98.48 3.98 -1.42	305.64 14.45 -2.36	648.29 35.42 -3.82	379.50 22.67 -3.10	144.52 5.14 -59.17	182.14 5.75 -84.32	110.49 4.87 -17.49	59.49 2.63 -0.13
ROSETON___1 23587	40.32 0.29 -0.20	33.26 0.34 0.00	31.58 0.40 0.00	30.80 0.42 0.00	32.88 0.44 0.00	36.85 0.46 0.00	32.87 0.40 0.00	33.41 0.46 0.00	29.64 0.50 0.00	35.02 0.40 0.00	44.75 0.45 0.00	52.23 0.43 0.00	113.15 0.41 -68.69	57.18 0.33 0.00	58.81 0.31 0.00	80.23 0.29 0.00	93.77 0.70 0.00	292.82 4.00 0.00	616.02 6.98 0.00	363.72 2.11 -7.87	80.02 -0.19 0.00	91.75 -0.32 0.00	88.02 -0.11 0.00	56.99 0.26 0.00
ROSETON___2 23588	40.32 0.29 -0.20	33.26 0.34 0.00	31.58 0.40 0.00	30.80 0.42 0.00	32.88 0.44 0.00	36.85 0.46 0.00	32.87 0.40 0.00	33.41 0.46 0.00	29.64 0.50 0.00	35.02 0.40 0.00	44.75 0.45 0.00	52.23 0.43 0.00	113.15 0.41 -68.69	57.18 0.33 0.00	58.81 0.31 0.00	80.23 0.29 0.00	93.77 0.70 0.00	292.82 4.00 0.00	616.02 6.98 0.00	363.72 2.11 -7.87	80.02 -0.19 0.00	91.75 -0.32 0.00	88.02 -0.11 0.00	56.99 0.26 0.00
ROTTTRDAM_115KV_TB3 80664	40.16 0.48 0.14	33.36 0.44 0.00	31.68 0.51 0.00	30.92 0.55 0.00	33.04 0.60 0.00	37.05 0.67 0.00	33.04 0.58 0.00	33.47 0.52 0.00	29.50 0.36 0.00	34.82 0.20 0.00	44.44 0.13 0.00	51.85 0.06 0.00	-5.77 0.15 49.97	57.03 0.17 0.00	58.71 0.21 0.00	80.28 0.34 0.00	93.82 0.75 0.00	293.04 4.21 0.00	619.64 10.60 0.00	450.70 6.26 -90.71	81.23 1.02 0.00	93.24 1.17 0.00	89.21 1.08 0.00	57.52 0.79 0.00
RUSSELL___1 23602	41.53 1.70 0.00	33.84 0.92 0.00	31.72 0.54 0.00	30.78 0.40 0.00	32.87 0.43 0.00	36.63 0.24 0.00	32.46 0.00 0.00	33.16 0.21 0.00	29.66 0.52 0.00	36.12 1.50 0.00	46.90 2.59 0.00	55.06 3.27 0.00	46.84 2.79 0.00	60.93 4.08 0.00	62.94 4.44 0.00	85.86 5.92 0.00	99.06 5.99 0.00	302.28 13.46 0.00	633.35 24.31 0.00	366.43 12.69 0.00	83.31 3.10 0.00	96.64 4.57 0.00	92.55 4.41 0.00	59.21 2.48 0.00
RUSSELL___2 23532	41.53 1.70 0.00	33.84 0.92 0.00	31.72 0.54 0.00	30.78 0.40 0.00	32.87 0.43 0.00	36.63 0.24 0.00	32.46 0.00 0.00	33.16 0.21 0.00	29.66 0.52 0.00	36.12 1.50 0.00	46.90 2.59 0.00	55.06 3.27 0.00	46.84 2.79 0.00	60.93 4.08 0.00	62.94 4.44 0.00	85.86 5.92 0.00	99.06 5.99 0.00	302.28 13.46 0.00	633.35 24.31 0.00	366.43 12.69 0.00	83.31 3.10 0.00	96.64 4.57 0.00	92.55 4.41 0.00	59.21 2.48 0.00
RUSSELL___3 23549	41.53 1.70 0.00	33.84 0.92 0.00	31.72 0.54 0.00	30.78 0.40 0.00	32.87 0.43 0.00	36.63 0.24 0.00	32.46 0.00 0.00	33.16 0.21 0.00	29.66 0.52 0.00	36.12 1.50 0.00	46.90 2.59 0.00	55.06 3.27 0.00	46.84 2.79 0.00	60.93 4.08 0.00	62.94 4.44 0.00	85.86 5.92 0.00	99.06 5.99 0.00	302.28 13.46 0.00	633.35 24.31 0.00	366.43 12.69 0.00	83.31 3.10 0.00	96.64 4.57 0.00	92.55 4.41 0.00	59.21 2.48 0.00
RUSSELL___4 23556	41.53 1.70 0.00	33.84 0.92 0.00	31.72 0.54 0.00	30.78 0.40 0.00	32.87 0.43 0.00	36.63 0.24 0.00	32.46 0.00 0.00	33.16 0.21 0.00	29.66 0.52 0.00	36.12 1.50 0.00	46.90 2.59 0.00	55.06 3.27 0.00	46.84 2.79 0.00	60.93 4.08 0.00	62.94 4.44 0.00	85.86 5.92 0.00	99.06 5.99 0.00	302.28 13.46 0.00	633.35 24.31 0.00	366.43 12.69 0.00	83.31 3.10 0.00	96.64 4.57 0.00	92.55 4.41 0.00	59.21 2.48 0.00
RUSSELL___STATION 23914	41.53 1.70 0.00	33.84 0.92 0.00	31.72 0.54 0.00	30.78 0.40 0.00	32.87 0.43 0.00	36.63 0.24 0.00	32.46 0.00 0.00	33.16 0.21 0.00	29.66 0.52 0.00	36.12 1.50 0.00	46.90 2.59 0.00	55.06 3.27 0.00	46.84 2.79 0.00	60.93 4.08 0.00	62.94 4.44 0.00	85.86 5.92 0.00	99.06 5.99 0.00	302.28 13.46 0.00	633.35 24.31 0.00	366.43 12.69 0.00	83.31 3.10 0.00	96.64 4.57 0.00	92.55 4.41 0.00	59.21 2.48 0.00
S SALMON___HYD 24043	40.51 0.68 0.00	33.23 0.31 0.00	31.09 -0.08 0.00	30.13 -0.24 0.00	32.16 -0.29 0.00	36.10 -0.28 0.00	32.28 -0.19 0.00	32.82 -0.12 0.00	29.03 -0.11 0.00	34.59 -0.03 0.00	44.38 0.07 0.00	51.91 0.11 0.00	44.20 0.15 0.00	57.30 0.36 -0.08	59.66 0.47 -0.69	82.87 0.74 -2.20	100.14 0.86 -6.21	302.46 3.31 -10.32	636.47 10.71 -16.72	375.88 8.60 -13.55	151.30 2.32 -68.77	193.83 2.74 -99.02	112.32 2.02 -22.17	57.60 0.73 -0.15
S.PERRY___115KV_TB1 80734	42.38 2.55 0.00	34.48 1.56 0.00	32.34 1.16 0.00	31.36 0.98 0.00	33.44 0.99 0.00	37.29 0.90 0.00	33.07 0.61 0.00	33.70 0.76 0.00	29.82 0.68 0.00	36.12 1.51 0.00	46.90 2.59 0.00	54.88 3.09 0.00	46.38 2.33 0.00	59.37 2.52 0.00	60.88 2.39 0.00	82.93 2.98 0.00	95.72 2.65 0.00	292.92 4.09 0.00	620.91 11.87 0.00	364.03 10.29 0.00	83.41 3.21 0.00	96.43 4.36 0.00	92.19 4.06 0.00	58.93 2.20 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.27 1.44 0.00	33.42 0.50 0.00	31.22 0.05 0.00	30.26 -0.12 0.00	32.39 -0.06 0.00	35.97 -0.42 0.00	31.77 -0.69 0.00	32.60 -0.35 0.00	29.37 0.23 0.00	36.20 1.58 0.00	47.14 2.84 0.00	55.15 3.36 0.00	46.65 2.61 0.00	60.71 3.86 0.00	62.60 4.10 0.00	85.13 5.18 0.00	97.34 4.27 0.00	294.04 5.22 0.00	615.83 6.79 0.00	356.03 2.29 0.00	81.19 0.99 0.00	95.12 3.05 0.00	91.78 3.65 0.00	58.86 2.13 0.00

SAWYER___23_KV_LOAD 55526	41.27 1.44 0.00	33.42 0.50 0.00	31.22 0.05 0.00	30.26 -0.12 0.00	32.39 -0.06 0.00	35.97 -0.42 0.00	31.77 -0.69 0.00	32.60 -0.35 0.00	29.37 0.23 0.00	36.20 1.58 0.00	47.14 2.84 0.00	55.15 3.36 0.00	46.65 2.61 0.00	60.71 3.86 0.00	62.60 4.10 0.00	85.13 5.18 0.00	97.34 4.27 0.00	294.04 5.22 0.00	615.83 6.79 0.00	356.03 2.29 0.00	81.19 0.99 0.00	95.12 3.05 0.00	91.78 3.65 0.00	58.86 2.13 0.00
SELKIRK___I 23801	39.27 -0.45 0.10	32.66 -0.26 0.00	31.09 -0.09 0.00	30.38 0.01 0.00	32.50 0.06 0.00	36.45 0.06 0.00	32.51 0.05 0.00	32.90 -0.05 0.00	28.96 -0.17 0.00	34.11 -0.51 0.00	43.45 -0.85 0.00	50.65 -1.14 0.00	7.40 -0.90 35.74	55.62 -1.24 0.00	57.21 -1.29 0.00	78.08 -1.86 0.00	91.11 -1.96 0.00	284.76 -4.06 0.00	601.61 -7.43 0.00	382.58 -4.24 -33.09	78.75 -1.46 0.00	90.52 -1.55 0.00	86.76 -1.37 0.00	56.02 -0.71 0.00
SELKIRK___II 23799	39.52 -0.19 0.12	32.87 -0.05 0.00	31.28 0.11 0.00	30.56 0.19 0.00	32.70 0.25 0.00	36.66 0.27 0.00	32.70 0.24 0.00	33.13 0.19 0.00	29.22 0.09 0.00	34.45 -0.16 0.00	43.93 -0.38 0.00	51.22 -0.57 0.00	1.35 -0.45 42.24	56.21 -0.64 0.00	57.82 -0.68 0.00	78.95 -1.00 0.00	92.09 -0.98 0.00	287.66 -1.17 0.00	606.53 -2.51 0.00	387.39 -1.87 -35.52	79.23 -0.98 0.00	91.09 -0.98 0.00	87.31 -0.82 0.00	56.42 -0.31 0.00
SENECA OSWGO___HYD 24041	39.38 -0.45 0.00	32.41 -0.51 0.00	30.61 -0.56 0.00	29.80 -0.58 0.00	31.81 -0.63 0.00	35.64 -0.75 0.00	31.74 -0.73 0.00	32.24 -0.71 0.00	28.52 -0.61 0.00	34.03 -0.58 0.00	43.70 -0.60 0.00	51.16 -0.63 0.00	43.57 -0.48 0.00	56.53 -0.45 -0.13	59.15 -0.39 -1.04	82.78 -0.49 -3.33	101.86 -0.61 -9.40	302.61 -1.85 -15.63	630.86 -3.50 -25.33	372.22 -2.04 -20.53	98.74 -0.52 -19.05	121.15 -0.57 -29.65	97.89 -0.69 -10.45	56.18 -0.55 0.00
SENECA___115KV_TB3 355854	41.55 1.73 0.00	33.64 0.72 0.00	31.41 0.24 0.00	30.44 0.07 0.00	32.58 0.13 0.00	36.20 -0.19 0.00	31.99 -0.48 0.00	32.81 -0.14 0.00	29.52 0.39 0.00	36.38 1.76 0.00	47.40 3.09 0.00	55.50 3.70 0.00	46.99 2.94 0.00	61.19 4.34 0.00	63.08 4.58 0.00	85.81 5.86 0.00	98.21 5.14 0.00	297.08 8.26 0.00	624.31 15.27 0.00	361.12 7.39 0.00	82.21 2.01 0.00	96.04 3.97 0.00	92.61 4.47 0.00	59.29 2.56 0.00
SENECA___ENERGY 23797	40.51 0.68 0.00	33.19 0.27 0.00	31.21 0.04 0.00	30.37 -0.01 0.00	32.39 -0.06 0.00	36.24 -0.15 0.00	32.17 -0.30 0.00	32.71 -0.23 0.00	28.97 -0.17 0.00	34.79 0.17 0.00	44.97 0.66 0.00	52.65 0.86 0.00	44.77 0.73 0.00	58.02 1.12 -0.05	60.13 1.21 -0.42	82.87 1.59 -1.33	98.41 1.57 -3.77	298.97 3.88 -6.27	628.73 9.54 -10.15	367.86 5.89 -8.23	81.86 1.45 -0.20	94.94 1.74 -1.14	91.48 1.77 -1.58	57.62 0.89 0.00
SHOEMAKER___GT 23640	40.38 0.37 -0.18	33.30 0.38 0.00	31.58 0.41 0.00	30.78 0.41 0.00	32.87 0.42 0.00	36.83 0.44 0.00	32.85 0.39 0.00	33.37 0.42 0.00	28.57 0.41 0.98	34.93 0.31 0.00	44.16 0.31 0.46	52.09 0.30 0.00	106.21 0.31 -61.84	57.14 0.29 0.00	58.82 0.32 0.00	80.35 0.41 0.00	93.95 0.88 0.00	293.54 4.72 0.00	618.58 9.54 0.00	365.15 4.05 -7.36	80.54 0.33 0.00	92.31 0.24 0.00	88.45 0.33 0.00	57.17 0.44 0.00
SHOEMAKR_138KV_BK 111 55601	40.35 0.35 -0.18	33.28 0.36 0.00	31.57 0.39 0.00	30.77 0.40 0.00	32.85 0.40 0.00	36.81 0.42 0.00	32.83 0.37 0.00	33.35 0.40 0.00	28.62 0.42 0.94	34.95 0.33 0.00	44.22 0.35 0.44	52.13 0.34 0.00	105.51 0.35 -61.12	57.17 0.32 0.00	58.85 0.36 0.00	80.39 0.45 0.00	93.98 0.91 0.00	293.55 4.73 0.00	618.23 9.19 0.00	364.75 3.71 -7.31	80.43 0.22 0.00	92.19 0.12 0.00	88.37 0.23 0.00	57.11 0.38 0.00
SHOREHAM_IC_1 23715	40.86 0.82 -0.21	34.22 1.30 0.00	32.54 1.36 0.00	31.58 1.21 0.00	33.51 1.06 0.00	37.77 1.38 0.00	33.57 1.11 0.00	34.24 1.30 0.00	31.59 1.50 -0.96	36.02 1.41 0.00	49.65 2.97 -2.37	54.53 2.74 0.00	118.58 1.88 -72.65	57.81 0.96 0.00	59.44 1.21 0.28	94.62 1.30 -13.38	90.88 1.20 3.40	283.43 3.42 8.82	201.02 0.31 408.33	212.21 -0.28 141.24	60.03 -0.79 19.39	71.26 -0.75 20.06	56.01 -1.28 30.84	56.52 -0.20 0.00
SHOREHAM_IC_2 23716	40.86 0.82 -0.21	34.22 1.31 0.00	32.54 1.36 0.00	31.58 1.21 0.00	33.51 1.06 0.00	37.76 1.38 0.00	33.57 1.11 0.00	34.24 1.30 0.00	31.59 1.50 -0.96	36.03 1.41 0.00	49.65 2.97 -2.37	54.53 2.74 0.00	118.59 1.90 -72.65	57.82 0.96 0.00	59.44 1.22 0.28	94.62 1.30 -13.38	90.88 1.20 3.40	283.46 3.46 8.82	201.14 0.43 408.33	212.35 -0.14 141.24	60.04 -0.77 19.39	71.25 -0.76 20.06	56.19 -1.11 30.84	56.52 -0.20 0.00
SISSONVILLE___ 23735	41.32 1.50 0.00	34.13 1.21 0.00	32.12 0.95 0.00	31.12 0.75 0.00	33.24 0.80 0.00	37.37 0.98 0.00	33.49 1.02 0.00	33.98 1.03 0.00	30.06 0.93 0.00	35.77 1.16 0.00	45.66 1.35 0.00	53.39 1.60 0.00	45.28 1.23 0.00	58.36 1.50 -0.01	60.06 1.47 -0.09	82.41 2.18 -0.28	96.29 2.41 -0.80	296.17 6.01 -1.34	623.33 12.13 -2.16	367.04 11.55 -1.75	782.42 4.13 -698.09	1087.89 4.61 -991.21	291.79 3.81 -199.85	60.39 2.17 -1.50
SITHE_IND_GS1 24169	38.78 -1.05 0.00	31.95 -0.97 0.00	30.20 -0.97 0.00	29.41 -0.96 0.00	31.41 -1.03 0.00	35.20 -1.19 0.00	31.35 -1.12 0.00	31.84 -1.11 0.00	28.18 -0.95 0.00	33.63 -0.99 0.00	43.15 -1.15 0.00	50.49 -1.31 0.00	42.95 -1.10 0.00	55.13 -1.35 0.38	54.13 -1.33 3.04	68.41 -1.83 9.70	63.41 -2.24 27.42	235.91 -7.32 45.60	519.67 -15.51 73.86	284.85 -9.01 59.88	76.74 -1.99 1.48	81.57 -2.24 8.26	74.43 -2.18 11.52	55.26 -1.47 0.00
SITHE_IND_GS2 24170	38.78 -1.05 0.00	31.95 -0.97 0.00	30.20 -0.97 0.00	29.41 -0.96 0.00	31.41 -1.03 0.00	35.20 -1.19 0.00	31.35 -1.12 0.00	31.84 -1.11 0.00	28.18 -0.95 0.00	33.63 -0.99 0.00	43.15 -1.15 0.00	50.49 -1.31 0.00	42.95 -1.10 0.00	55.13 -1.35 0.38	54.13 -1.33 3.04	68.41 -1.83 9.70	63.41 -2.24 27.42	235.91 -7.32 45.60	519.67 -15.51 73.86	284.85 -9.01 59.88	76.74 -1.99 1.48	81.57 -2.24 8.26	74.43 -2.18 11.52	55.26 -1.47 0.00
SITHE_IND_GS3 24171	38.78 -1.05 0.00	31.95 -0.97 0.00	30.20 -0.97 0.00	29.41 -0.96 0.00	31.41 -1.03 0.00	35.20 -1.19 0.00	31.35 -1.12 0.00	31.84 -1.11 0.00	28.18 -0.95 0.00	33.63 -0.99 0.00	43.15 -1.15 0.00	50.49 -1.31 0.00	42.95 -1.10 0.00	55.13 -1.35 0.38	54.13 -1.33 3.04	68.41 -1.83 9.70	63.41 -2.24 27.42	235.91 -7.32 45.60	519.67 -15.51 73.86	284.85 -9.01 59.88	76.74 -1.99 1.48	81.57 -2.24 8.26	74.43 -2.18 11.52	55.26 -1.47 0.00
SITHE_IND_GS4 24172	38.78 -1.05 0.00	31.95 -0.97 0.00	30.20 -0.97 0.00	29.41 -0.96 0.00	31.41 -1.03 0.00	35.20 -1.19 0.00	31.35 -1.12 0.00	31.84 -1.11 0.00	28.18 -0.95 0.00	33.63 -0.99 0.00	43.15 -1.15 0.00	50.49 -1.31 0.00	42.95 -1.10 0.00	55.13 -1.35 0.38	54.13 -1.33 3.04	68.41 -1.83 9.70	63.41 -2.24 27.42	235.91 -7.32 45.60	519.67 -15.51 73.86	284.85 -9.01 59.88	76.74 -1.99 1.48	81.57 -2.24 8.26	74.43 -2.18 11.52	55.26 -1.47 0.00

SITHE___BATAVIA 24024	42.37 2.55 0.00	34.35 1.43 0.00	32.10 0.92 0.00	31.08 0.71 0.00	33.25 0.81 0.00	36.97 0.58 0.00	32.67 0.20 0.00	33.48 0.53 0.00	29.99 0.86 0.00	36.58 2.06 0.09	47.56 3.25 0.00	55.59 3.80 0.00	47.13 3.08 0.00	61.38 4.53 0.00	63.43 4.93 0.00	86.81 6.87 0.00	99.50 6.42 0.00	303.29 14.46 0.00	637.62 28.58 0.00	370.62 16.89 0.00	84.58 4.37 0.00	98.70 6.63 0.00	94.80 6.67 0.00	60.56 3.83 0.00
SITHE___INDEPEND 23800	38.77 -1.05 0.00	31.95 -0.97 0.00	30.20 -0.97 0.00	29.41 -0.96 0.00	31.41 -1.03 0.00	35.20 -1.19 0.00	31.35 -1.12 0.00	31.84 -1.11 0.00	28.18 -0.95 0.00	33.63 -0.99 0.00	43.15 -1.15 0.00	50.49 -1.31 0.00	42.95 -1.10 0.00	55.13 -1.35 0.38	54.13 -1.33 3.04	68.41 -1.83 9.70	63.41 -2.24 27.42	235.90 -7.32 45.60	519.67 -15.52 73.86	284.79 -9.07 59.88	76.75 -1.98 1.48	81.57 -2.24 8.26	74.42 -2.19 11.52	55.26 -1.47 0.00
SITHE___MASSENA 23902	40.83 1.00 0.00	33.78 0.86 0.00	31.92 0.75 0.00	30.99 0.62 0.00	33.11 0.66 0.00	37.18 0.79 0.00	33.27 0.80 0.00	33.76 0.82 0.00	29.92 0.78 0.00	35.62 1.01 0.00	45.51 1.20 0.00	53.25 1.45 0.00	45.15 1.10 0.00	58.18 1.33 0.00	59.80 1.30 0.00	81.82 1.87 0.00	95.06 1.99 0.00	292.93 4.10 0.00	615.24 6.20 0.00	359.86 6.13 0.00	257.63 2.55 -174.88	320.57 2.80 -225.70	86.11 2.40 4.42	60.38 1.48 -2.17
SITHE___OGDNSBRG 24021	42.00 2.18 0.00	34.73 1.81 0.00	32.75 1.57 0.00	31.76 1.39 0.00	33.93 1.49 0.00	38.11 1.72 0.00	34.12 1.65 0.00	34.53 1.58 0.00	30.46 1.33 0.00	36.10 1.48 0.00	45.84 1.54 0.00	53.61 1.82 0.00	45.44 1.39 0.00	58.53 1.68 0.00	60.16 1.66 0.00	82.46 2.51 0.00	95.80 2.73 0.00	296.23 7.40 0.00	625.44 16.39 0.00	370.48 16.75 0.00	806.40 5.64 -720.55	1118.66 6.36 -1020.23	293.06 5.46 -199.47	61.73 3.24 -1.76
SITHE___STERLING 23777	41.02 1.20 0.00	33.78 0.87 0.00	31.85 0.67 0.00	30.98 0.61 0.00	33.10 0.65 0.00	37.07 0.68 0.00	33.07 0.61 0.00	33.55 0.60 0.00	29.56 0.42 0.00	35.14 0.52 0.00	45.06 0.76 0.00	52.75 0.95 0.00	44.97 0.93 0.00	58.24 1.37 -0.02	60.25 1.58 -0.17	82.73 2.24 -0.55	97.47 2.85 -1.55	301.85 10.44 -2.58	638.66 25.44 -4.18	373.38 16.26 -3.39	123.38 3.64 -39.52	152.58 4.05 -56.46	103.51 3.45 -11.92	58.68 1.86 -0.08
SLEIGHT__34_KV_TB1 80719	40.58 0.75 0.00	33.17 0.25 0.00	31.15 -0.03 0.00	30.28 -0.09 0.00	32.33 -0.12 0.00	36.10 -0.29 0.00	32.01 -0.45 0.00	32.64 -0.31 0.00	29.01 -0.13 0.00	35.04 0.43 0.00	45.40 1.09 0.00	53.26 1.47 0.00	45.32 1.27 0.00	58.79 1.92 -0.02	60.85 2.23 -0.12	83.31 2.97 -0.40	97.14 2.93 -1.14	297.24 6.52 -1.89	623.96 11.85 -3.07	363.38 7.16 -2.48	82.10 1.83 -0.06	95.02 2.61 -0.34	91.07 2.46 -0.48	57.97 1.24 0.00
SMITHTWN_69_KV_BK 1 55830	41.02 0.97 -0.21	34.15 1.23 0.00	32.37 1.20 0.00	31.41 1.04 0.00	33.38 0.93 0.00	37.48 1.09 0.00	33.33 0.87 0.00	33.98 1.03 0.00	31.35 1.26 -0.95	35.84 1.22 0.00	49.37 2.69 -2.37	54.60 2.81 0.00	118.93 2.22 -72.66	58.77 1.92 0.00	59.57 1.61 0.53	102.09 1.96 -20.19	89.03 2.31 6.34	282.69 6.09 12.23	208.61 7.46 407.89	214.96 2.92 141.69	59.82 0.24 20.63	69.62 0.20 22.64	57.40 -0.06 30.68	57.24 0.51 0.00
SOUTH CAIRO___GT 23612	41.26 1.51 0.07	34.15 1.23 0.00	32.45 1.27 0.00	31.68 1.31 0.00	33.89 1.45 0.00	38.00 1.61 0.00	33.89 1.42 0.00	34.31 1.36 0.00	30.13 0.99 0.00	35.30 0.69 0.00	44.92 0.61 0.00	52.32 0.53 0.00	20.03 0.59 24.60	57.69 0.84 0.00	59.52 1.02 0.00	81.47 1.53 0.00	95.42 2.35 0.00	300.31 11.48 0.00	639.91 30.87 0.00	404.65 19.52 -31.40	84.20 3.99 0.00	96.56 4.49 0.00	92.07 3.93 0.00	59.11 2.38 0.00
SOUTH HAMPTN___IC 23720	41.68 1.64 -0.21	34.81 1.89 0.00	33.06 1.89 0.00	32.07 1.70 0.00	34.04 1.59 0.00	38.31 1.92 0.00	34.07 1.61 0.00	34.78 1.83 0.00	32.13 2.04 -0.96	36.78 2.16 0.00	50.69 4.02 -2.37	55.94 4.14 0.00	119.72 3.03 -72.64	59.35 2.50 0.00	61.03 2.78 0.25	96.32 3.50 -12.88	93.69 3.74 3.12	290.78 10.44 8.49	215.24 14.97 408.78	219.99 7.59 141.34	61.84 0.91 19.28	73.53 1.29 19.83	57.88 0.63 30.88	57.68 0.95 0.00
SOUTHDOW_115KV_TB1 355954	42.33 2.50 0.00	33.84 0.92 0.00	31.61 0.43 0.00	30.65 0.28 0.00	32.75 0.30 0.00	36.42 0.03 0.00	32.21 -0.25 0.00	33.11 0.16 0.00	29.85 0.72 0.00	36.86 2.25 0.00	48.12 3.82 0.00	56.29 4.50 0.00	47.70 3.65 0.00	62.26 5.41 0.00	64.07 5.57 0.00	87.14 7.19 0.00	99.92 6.85 0.00	304.35 15.52 0.00	643.78 34.74 0.00	373.53 19.79 0.00	84.74 4.53 0.00	98.29 6.22 0.00	94.48 6.35 0.00	60.15 3.42 0.00
SOUTHOLD_69_KV_BK 2 55809	42.66 2.62 -0.21	35.56 2.64 0.00	33.75 2.58 0.00	32.71 2.34 0.00	34.71 2.27 0.00	39.05 2.67 0.00	34.73 2.27 0.00	35.50 2.55 0.00	32.84 2.75 -0.96	37.73 3.11 0.00	52.02 5.34 -2.37	57.59 5.79 0.00	120.48 3.79 -72.64	59.97 3.12 0.00	61.73 3.48 0.25	97.41 4.59 -12.88	94.91 4.96 3.13	293.13 12.81 8.50	220.27 19.97 408.75	222.56 10.16 141.33	62.31 1.39 19.29	75.70 3.47 19.83	59.95 2.70 30.88	58.84 2.11 0.00
SOUTHOLD___IC 23719	42.66 2.62 -0.21	35.56 2.64 0.00	33.75 2.58 0.00	32.71 2.34 0.00	34.71 2.27 0.00	39.06 2.67 0.00	34.73 2.27 0.00	35.50 2.55 0.00	32.84 2.75 -0.96	37.73 3.11 0.00	52.02 5.34 -2.37	57.58 5.79 0.00	120.46 3.77 -72.64	59.96 3.11 0.00	61.72 3.47 0.25	97.40 4.58 -12.88	94.91 4.96 3.13	293.10 12.77 8.50	219.98 19.69 408.75	222.49 10.08 141.33	62.31 1.39 19.29	75.69 3.46 19.83	59.79 2.54 30.88	58.84 2.11 0.00
SOUTH_FORK_WT_PWR 323839	42.87 2.83 -0.21	35.73 2.81 0.00	33.92 2.75 0.00	32.88 2.51 0.00	34.88 2.44 0.00	39.25 2.86 0.00	34.89 2.43 0.00	35.68 2.73 0.00	33.00 2.91 -0.96	37.92 3.31 0.00	52.31 5.63 -2.37	57.94 6.14 0.00	121.05 4.36 -72.64	60.92 4.07 0.00	62.70 4.45 0.25	98.70 5.87 -12.88	96.28 6.33 3.12	296.14 15.80 8.49	226.48 26.20 408.77	226.65 14.25 141.34	63.06 2.14 19.28	75.58 3.35 19.83	59.71 2.47 30.88	58.83 2.10 0.00
SPIERFLS_115KV_TB 1 80737	41.05 1.41 0.18	34.07 1.15 0.00	32.34 1.17 0.00	31.56 1.19 0.00	33.73 1.27 0.00	37.83 1.44 0.00	33.66 1.19 0.00	34.10 1.16 0.00	30.14 1.01 0.00	35.58 0.96 0.00	45.06 0.76 0.00	52.43 0.64 0.00	-19.08 0.69 63.81	57.88 1.03 0.00	59.63 1.13 0.00	81.80 1.86 0.00	96.36 3.29 0.00	303.47 14.65 0.00	647.87 38.82 0.00	459.74 22.08 -83.93	84.37 4.16 0.00	96.52 4.45 0.00	91.69 3.56 0.00	58.96 2.23 0.00
ST LAWRENCE____ 23600	40.10 0.28 0.00	33.19 0.27 0.00	31.39 0.22 0.00	30.50 0.13 0.00	32.59 0.14 0.00	36.59 0.20 0.00	32.72 0.26 0.00	33.22 0.27 0.00	29.43 0.29 0.00	35.03 0.42 0.00	44.80 0.49 0.00	52.43 0.64 0.00	44.48 0.44 0.00	57.32 0.47 0.00	58.92 0.42 0.00	80.59 0.65 0.00	93.68 0.61 0.00	288.92 0.09 0.00	608.72 -0.32 0.00	354.65 0.91 0.00	23.13 0.97 58.04	11.07 1.03 82.03	73.16 0.77 15.75	57.02 0.43 0.14

STATE_CA_115KV_115_LB 55624	40.21 0.55 0.17	33.47 0.55 0.00	31.85 0.68 0.00	31.12 0.75 0.00	33.29 0.85 0.00	37.32 0.93 0.00	33.28 0.81 0.00	33.71 0.77 0.00	29.74 0.60 0.00	35.08 0.46 0.00	44.72 0.42 0.00	52.16 0.37 0.00	-15.29 0.40 59.73	57.39 0.54 0.00	59.08 0.58 0.00	80.79 0.85 0.00	94.38 1.31 0.00	295.37 6.54 0.00	622.98 13.94 0.00	417.36 7.54 -56.09	81.22 1.01 0.00	93.29 1.23 0.00	89.35 1.21 0.00	57.64 0.91 0.00
STATE_ST_34_KV_LOAD 55959	40.47 0.64 0.00	33.27 0.35 0.00	31.28 0.10 0.00	30.52 0.15 0.00	32.55 0.10 0.00	36.48 0.10 0.00	32.33 -0.13 0.00	32.84 -0.11 0.00	29.02 -0.12 0.00	34.71 0.10 0.00	44.83 0.52 0.00	52.50 0.71 0.00	44.67 0.62 0.00	57.68 0.77 -0.06	60.08 1.10 -0.48	83.03 1.55 -1.54	99.10 1.68 -4.34	301.34 5.29 -7.22	630.87 10.13 -11.70	371.40 8.18 -9.49	82.35 1.91 -0.23	95.30 1.92 -1.31	91.92 1.96 -1.83	57.67 0.94 0.00
STATION_5_MISC_HYD 23604	41.23 1.41 0.00	33.61 0.69 0.00	31.52 0.35 0.00	30.59 0.23 0.00	32.69 0.25 0.00	36.43 0.04 0.00	32.28 -0.18 0.00	32.98 0.03 0.00	29.48 0.35 0.00	35.83 1.27 0.06	46.57 2.26 0.00	54.63 2.84 0.00	46.43 2.38 0.00	60.35 3.50 0.00	62.32 3.82 0.00	85.01 5.07 0.00	98.04 4.97 0.00	299.24 10.42 0.00	627.10 18.06 0.00	363.07 9.33 0.00	82.61 2.40 0.00	95.87 3.80 0.00	91.90 3.77 0.00	58.81 2.07 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.78 0.95 0.00	33.31 0.40 0.00	31.30 0.13 0.00	30.40 0.03 0.00	32.46 0.02 0.00	36.26 -0.13 0.00	32.17 -0.30 0.00	32.79 -0.16 0.00	29.19 0.05 0.00	35.33 0.71 0.00	45.73 1.43 0.00	53.61 1.81 0.00	45.58 1.53 0.00	59.18 2.32 -0.01	61.19 2.58 -0.12	83.74 3.42 -0.37	97.49 3.37 -1.05	297.88 7.31 -1.75	626.06 14.18 -2.84	363.73 7.70 -2.30	82.24 1.97 -0.06	95.19 2.81 -0.32	91.24 2.66 -0.44	58.16 1.43 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.94 1.11 0.00	33.38 0.46 0.00	31.31 0.14 0.00	30.38 0.01 0.00	32.47 0.03 0.00	36.20 -0.19 0.00	32.09 -0.38 0.00	32.77 -0.18 0.00	29.28 0.14 0.00	35.62 1.00 0.00	46.21 1.90 0.00	54.23 2.44 0.00	46.10 2.05 0.00	59.92 3.07 0.00	61.87 3.37 0.00	84.42 4.47 0.00	97.47 4.40 0.00	297.97 9.15 0.00	624.59 15.55 0.00	361.60 7.86 0.00	82.23 2.02 0.00	95.32 3.25 0.00	91.30 3.17 0.00	58.42 1.69 0.00
STA_56___34_KV_BUS2 355983	40.94 1.11 0.00	33.38 0.46 0.00	31.31 0.14 0.00	30.38 0.01 0.00	32.47 0.03 0.00	36.20 -0.19 0.00	32.09 -0.38 0.00	32.77 -0.18 0.00	29.28 0.14 0.00	35.62 1.00 0.00	46.21 1.90 0.00	54.23 2.44 0.00	46.10 2.05 0.00	59.92 3.07 0.00	61.87 3.37 0.00	84.42 4.47 0.00	97.47 4.40 0.00	297.97 9.15 0.00	624.59 15.55 0.00	361.60 7.86 0.00	82.23 2.02 0.00	95.32 3.25 0.00	91.30 3.17 0.00	58.42 1.69 0.00
STA_67___115KV_BK2 355882	41.11 1.28 0.00	33.52 0.60 0.00	31.43 0.26 0.00	30.51 0.14 0.00	32.61 0.16 0.00	36.34 -0.06 0.00	32.20 -0.26 0.00	32.89 -0.05 0.00	29.41 0.27 0.00	35.78 1.17 0.00	46.42 2.12 0.00	54.44 2.65 0.00	46.25 2.21 0.00	60.10 3.25 0.00	62.05 3.55 0.00	84.62 4.67 0.00	97.64 4.56 0.00	297.95 9.13 0.00	624.55 15.51 0.00	361.61 7.87 0.00	82.32 2.11 0.00	95.53 3.46 0.00	91.58 3.45 0.00	58.64 1.91 0.00
STA_7___115KV_9TRANS 80674	41.53 1.70 0.00	33.84 0.92 0.00	31.72 0.54 0.00	30.78 0.40 0.00	32.87 0.43 0.00	36.63 0.24 0.00	32.46 0.00 0.00	33.16 0.21 0.00	29.66 0.52 0.00	36.12 1.50 0.00	46.90 2.59 0.00	55.06 3.27 0.00	46.84 2.79 0.00	60.93 4.08 0.00	62.94 4.44 0.00	85.86 5.92 0.00	99.06 5.99 0.00	302.28 13.46 0.00	633.35 24.31 0.00	366.43 12.69 0.00	83.31 3.10 0.00	96.64 4.57 0.00	92.55 4.41 0.00	59.21 2.48 0.00
STA_82___115KV_TB1 80780	41.13 1.30 0.00	33.53 0.61 0.00	31.45 0.28 0.00	30.52 0.15 0.00	32.61 0.16 0.00	36.35 -0.04 0.00	32.21 -0.25 0.00	32.90 -0.04 0.00	29.41 0.27 0.00	35.79 1.17 0.00	46.43 2.12 0.00	54.46 2.66 0.00	46.26 2.22 0.00	60.11 3.26 0.00	62.05 3.56 0.00	84.64 4.70 0.00	97.66 4.59 0.00	298.09 9.26 0.00	624.95 15.91 0.00	361.82 8.09 0.00	82.35 2.14 0.00	95.59 3.53 0.00	91.60 3.48 0.00	58.65 1.92 0.00
STEEL___WIND 323596	41.50 1.67 0.00	33.59 0.68 0.00	31.37 0.20 0.00	30.40 0.02 0.00	32.54 0.09 0.00	36.16 -0.23 0.00	31.94 -0.52 0.00	32.77 -0.17 0.00	29.49 0.35 0.00	36.21 1.72 0.13	47.33 3.03 0.00	55.40 3.61 0.00	46.90 2.86 0.00	61.08 4.23 0.00	62.95 4.46 0.00	85.61 5.67 0.00	97.99 4.92 0.00	296.37 7.54 0.00	622.84 13.80 0.00	360.43 6.70 0.00	82.09 1.88 0.00	95.88 3.82 0.00	92.50 4.37 0.00	59.20 2.47 0.00
STEPHTWN_115KV_BK_2 55603	40.09 0.43 0.17	33.34 0.42 0.00	31.73 0.55 0.00	30.97 0.60 0.00	33.19 0.74 0.00	37.24 0.86 0.00	33.14 0.68 0.00	33.64 0.69 0.00	29.67 0.54 0.00	35.05 0.43 0.00	44.68 0.38 0.00	52.02 0.23 0.00	-13.71 0.27 58.03	57.28 0.43 0.00	58.92 0.42 0.00	80.59 0.65 0.00	94.13 1.06 0.00	294.71 5.89 0.00	622.01 12.97 0.00	405.48 7.04 -44.71	81.03 0.83 0.00	92.95 0.88 0.00	89.01 0.88 0.00	57.37 0.64 0.00
STEBEN_REC_LFGE 323667	40.73 0.91 0.00	33.25 0.33 0.00	31.24 0.06 0.00	30.38 0.00 0.00	32.30 -0.14 0.00	36.10 -0.29 0.00	32.00 -0.47 0.00	32.72 -0.23 0.00	29.05 -0.09 0.00	35.42 0.80 0.00	46.02 1.72 0.00	53.82 2.03 0.00	45.63 1.58 0.00	59.24 2.37 -0.02	61.08 2.41 -0.17	83.60 3.12 -0.53	97.32 2.74 -1.51	295.99 4.65 -2.51	629.02 15.91 -4.07	369.24 9.98 -5.53	82.81 2.52 -0.08	95.34 2.81 -0.45	91.41 2.65 -0.63	58.09 1.36 0.00
STILLWATER___SOLAR 323814	40.83 1.21 0.20	33.94 1.02 0.00	32.28 1.10 0.00	31.51 1.14 0.00	33.68 1.24 0.00	37.80 1.41 0.00	33.66 1.21 0.00	34.10 1.15 0.00	30.06 0.92 0.00	35.41 0.80 0.00	45.04 0.74 0.00	52.44 0.65 0.00	-26.01 0.69 70.75	57.84 0.99 0.00	59.55 1.05 0.00	81.59 1.65 0.00	95.77 2.70 0.00	300.80 11.97 0.00	638.46 29.42 0.00	451.22 16.95 -80.53	83.29 3.08 0.00	95.53 3.47 0.00	91.13 2.99 0.00	58.66 1.93 0.00
STONY___BROOK 24151	40.97 0.93 -0.21	34.16 1.24 0.00	32.38 1.20 0.00	31.41 1.03 0.00	33.37 0.92 0.00	37.49 1.10 0.00	33.35 0.89 0.00	34.00 1.05 0.00	31.36 1.27 -0.96	35.85 1.23 0.00	49.35 2.68 -2.37	54.53 2.73 0.00	118.81 2.11 -72.66	58.59 1.74 0.00	59.61 1.50 0.39	97.98 1.78 -16.25	90.51 2.06 4.62	283.23 4.71 10.31	205.71 4.40 407.73	213.80 1.37 141.31	60.33 0.04 19.92	70.90 0.01 21.17	57.02 -0.37 30.74	57.10 0.37 0.00
STURGEON_POOL_HYD 23609	40.35 0.42 -0.11	33.34 0.43 0.00	31.64 0.46 0.00	30.84 0.47 0.00	32.93 0.49 0.00	36.90 0.51 0.00	32.93 0.47 0.00	33.48 0.54 0.00	29.72 0.58 0.00	35.11 0.50 0.00	44.92 0.61 0.00	52.45 0.66 0.00	82.03 0.64 -37.35	57.52 0.67 0.00	59.18 0.68 0.00	80.86 0.91 0.00	94.58 1.51 0.00	295.54 6.71 0.00	621.49 12.45 0.00	370.92 4.59 -12.60	80.69 0.49 0.00	92.42 0.35 0.00	88.59 0.46 0.00	57.29 0.56 0.00

ST_LAW_115_BK7_LBMP 345037	40.16 0.33 0.00	33.24 0.32 0.00	31.44 0.26 0.00	30.54 0.17 0.00	32.63 0.18 0.00	36.64 0.25 0.00	32.78 0.32 0.00	33.26 0.32 0.00	29.47 0.33 0.00	35.10 0.48 0.00	44.85 0.55 0.00	52.49 0.69 0.00	44.52 0.48 0.00	57.35 0.50 0.00	58.94 0.44 0.00	80.63 0.68 0.00	93.70 0.63 0.00	288.88 0.06 0.00	608.31 -0.73 0.00	354.68 0.94 0.00	18.98 1.09 62.31	5.60 1.13 87.61	73.25 0.86 15.74	57.03 0.50 0.20
ST_LAW_115_BK8_LBMP 345038	40.16 0.33 0.00	33.24 0.32 0.00	31.44 0.26 0.00	30.54 0.17 0.00	32.63 0.18 0.00	36.64 0.25 0.00	32.78 0.32 0.00	33.26 0.32 0.00	29.47 0.33 0.00	35.10 0.48 0.00	44.85 0.55 0.00	52.49 0.69 0.00	44.52 0.48 0.00	57.35 0.50 0.00	58.94 0.44 0.00	80.63 0.68 0.00	93.70 0.63 0.00	288.88 0.06 0.00	608.31 -0.73 0.00	354.68 0.94 0.00	18.98 1.09 62.31	5.60 1.13 87.61	73.25 0.86 15.74	57.03 0.50 0.20
ST_LAW_230_BK5_LBMP 345035	40.10 0.28 0.00	33.19 0.27 0.00	31.39 0.22 0.00	30.50 0.13 0.00	32.59 0.14 0.00	36.59 0.20 0.00	32.72 0.26 0.00	33.22 0.27 0.00	29.43 0.29 0.00	35.03 0.42 0.00	44.80 0.49 0.00	52.43 0.64 0.00	44.48 0.44 0.00	57.32 0.47 0.00	58.92 0.42 0.00	80.59 0.65 0.00	93.68 0.61 0.00	288.92 0.09 0.00	608.72 -0.32 0.00	354.65 0.91 0.00	26.05 0.97 55.12	14.84 1.03 78.26	73.15 0.77 15.76	57.04 0.43 0.12
ST_LAW_230_BK6_LBMP 345036	40.10 0.28 0.00	33.19 0.27 0.00	31.39 0.22 0.00	30.50 0.13 0.00	32.59 0.14 0.00	36.59 0.20 0.00	32.72 0.26 0.00	33.22 0.27 0.00	29.43 0.29 0.00	35.03 0.42 0.00	44.80 0.49 0.00	52.43 0.64 0.00	44.48 0.44 0.00	57.32 0.47 0.00	58.92 0.42 0.00	80.59 0.65 0.00	93.68 0.61 0.00	288.92 0.09 0.00	608.72 -0.32 0.00	354.65 0.91 0.00	26.05 0.97 55.12	14.84 1.03 78.26	73.15 0.77 15.76	57.04 0.43 0.12
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.43 0.41 -0.18	33.33 0.41 0.00	31.62 0.44 0.00	30.81 0.44 0.00	32.89 0.44 0.00	36.84 0.45 0.00	32.86 0.39 0.00	33.40 0.46 0.00	28.52 0.51 1.13	35.08 0.46 0.00	44.32 0.54 0.53	52.39 0.60 0.00	108.89 0.57 -64.27	57.44 0.59 0.00	59.15 0.65 0.00	80.80 0.85 0.00	94.49 1.42 0.00	294.99 6.16 0.00	620.16 11.12 0.00	365.62 4.34 -7.54	80.47 0.26 0.00	92.19 0.12 0.00	88.39 0.26 0.00	57.16 0.44 0.00
SWANROAD_115KV_TB1 355699	40.81 0.99 0.00	33.06 0.14 0.00	30.87 -0.30 0.00	29.91 -0.47 0.00	32.09 -0.36 0.00	35.63 -0.76 0.00	31.44 -1.02 0.00	32.35 -0.60 0.00	29.19 0.06 0.00	35.99 1.37 0.00	46.64 2.34 0.00	54.28 2.49 0.00	45.83 1.78 0.00	59.60 2.75 0.00	61.52 3.02 0.00	83.65 3.70 0.00	95.36 2.29 0.00	287.41 -1.42 0.00	601.22 -7.82 0.00	348.13 -5.61 0.00	79.57 -0.64 0.00	93.50 1.43 0.00	90.54 2.41 0.00	58.14 1.41 0.00
SYNERGY___BIOGAS 323694	42.37 2.55 0.00	34.35 1.43 0.00	32.10 0.92 0.00	31.08 0.71 0.00	33.26 0.81 0.00	36.97 0.58 0.00	32.67 0.20 0.00	33.48 0.53 0.00	29.99 0.86 0.00	36.67 2.05 0.00	47.56 3.25 0.00	55.59 3.80 0.00	47.13 3.09 0.00	61.38 4.53 0.00	63.43 4.93 0.00	86.81 6.87 0.00	99.51 6.44 0.00	303.29 14.47 0.00	637.61 28.57 0.00	370.57 16.83 0.00	84.59 4.38 0.00	98.72 6.65 0.00	94.74 6.61 0.00	60.55 3.82 0.00
SYRACUSE___ENERGY_ST1 323597	39.86 0.03 0.00	32.80 -0.12 0.00	30.97 -0.20 0.00	30.17 -0.21 0.00	32.20 -0.25 0.00	36.07 -0.32 0.00	32.10 -0.37 0.00	32.59 -0.35 0.00	28.83 -0.31 0.00	34.43 -0.18 0.00	44.30 -0.01 0.00	51.88 0.09 0.00	44.19 0.14 0.00	57.24 0.32 -0.07	59.55 0.48 -0.57	82.48 0.71 -1.83	99.00 0.76 -5.17	299.70 2.28 -8.59	628.06 5.10 -13.92	368.03 3.01 -11.28	94.66 0.62 -13.83	113.89 0.66 -21.16	95.61 0.56 -6.92	56.90 0.17 0.00
SYRACUSE___ENERGY_ST2 323598	39.86 0.03 0.00	32.80 -0.12 0.00	30.97 -0.20 0.00	30.17 -0.21 0.00	32.20 -0.25 0.00	36.07 -0.32 0.00	32.10 -0.37 0.00	32.59 -0.35 0.00	28.83 -0.31 0.00	34.43 -0.18 0.00	44.30 -0.01 0.00	51.88 0.09 0.00	44.19 0.14 0.00	57.24 0.32 -0.07	59.55 0.48 -0.57	82.48 0.71 -1.83	99.00 0.76 -5.17	299.70 2.28 -8.59	628.06 5.10 -13.92	368.03 3.01 -11.28	94.66 0.62 -13.83	113.89 0.66 -21.16	95.61 0.56 -6.92	56.90 0.17 0.00
SYRACUSE___POWER 24017	39.81 -0.02 0.00	32.77 -0.15 0.00	30.95 -0.23 0.00	30.15 -0.23 0.00	32.18 -0.26 0.00	36.04 -0.34 0.00	32.09 -0.37 0.00	32.58 -0.37 0.00	28.83 -0.31 0.00	34.42 -0.19 0.00	44.26 -0.05 0.00	51.83 0.04 0.00	44.15 0.11 0.00	57.23 0.33 -0.05	59.35 0.47 -0.38	81.81 0.65 -1.21	97.19 0.69 -3.43	296.59 2.06 -5.71	623.63 5.35 -9.25	364.11 2.88 -7.49	95.30 0.58 -14.51	114.49 0.66 -21.76	95.10 0.50 -6.46	56.86 0.13 0.00
TALLMAN__138KV_BK151 55660	40.52 0.49 -0.20	33.40 0.48 0.00	31.68 0.50 0.00	30.87 0.50 0.00	32.95 0.50 0.00	36.90 0.51 0.00	32.90 0.43 0.00	33.46 0.51 0.00	28.20 0.60 1.53	35.19 0.57 0.00	44.29 0.69 0.71	52.57 0.78 0.00	113.28 0.71 -68.52	57.57 0.72 0.00	59.27 0.77 0.00	80.99 1.04 0.00	94.70 1.63 0.00	295.66 6.83 0.00	620.85 11.81 0.00	365.88 4.39 -7.76	80.43 0.22 0.00	92.12 0.05 0.00	88.34 0.20 0.00	57.20 0.47 0.00
TEALLAVE_115KV_TB7 355573	39.58 -0.25 0.00	32.57 -0.35 0.00	30.77 -0.41 0.00	29.98 -0.39 0.00	32.01 -0.43 0.00	35.85 -0.54 0.00	31.91 -0.55 0.00	32.42 -0.53 0.00	28.69 -0.45 0.00	34.28 -0.34 0.00	44.08 -0.23 0.00	51.62 -0.17 0.00	43.96 -0.08 0.00	56.96 0.07 -0.04	59.01 0.19 -0.32	81.20 0.24 -1.01	96.09 0.16 -2.85	293.84 0.27 -4.75	617.83 1.10 -7.69	360.30 0.33 -6.23	96.73 0.00 -16.52	116.63 0.03 -24.53	94.99 -0.08 -6.94	56.51 -0.22 0.00
TELGRAPH_34_KV_EAST 80808	41.52 1.70 0.00	33.64 0.72 0.00	31.43 0.25 0.00	30.44 0.07 0.00	32.61 0.16 0.00	36.23 -0.16 0.00	31.99 -0.47 0.00	32.85 -0.09 0.00	29.56 0.42 0.00	36.34 1.72 0.00	47.16 2.86 0.00	55.05 3.26 0.00	46.57 2.53 0.00	60.59 3.74 0.00	62.56 4.06 0.00	85.20 5.26 0.00	97.41 4.34 0.00	294.86 6.03 0.00	618.19 9.15 0.00	358.23 4.50 0.00	81.79 1.58 0.00	95.79 3.72 0.00	92.35 4.22 0.00	59.18 2.45 0.00
TEMPLE___115KV_TB 2 55572	39.60 -0.22 0.00	32.59 -0.33 0.00	30.79 -0.39 0.00	30.00 -0.38 0.00	32.03 -0.42 0.00	35.87 -0.52 0.00	31.93 -0.53 0.00	32.43 -0.51 0.00	28.71 -0.43 0.00	34.30 -0.32 0.00	44.11 -0.19 0.00	51.65 -0.14 0.00	43.99 -0.06 0.00	57.00 0.11 -0.04	59.05 0.23 -0.31	81.26 0.31 -1.01	96.14 0.22 -2.85	294.07 0.51 -4.73	618.16 1.45 -7.67	360.42 0.47 -6.22	96.36 0.04 -16.12	116.08 0.06 -23.95	94.89 -0.04 -6.80	56.55 -0.18 0.00
TIANA____69_KV_BK 1 55817	41.44 1.40 -0.21	34.62 1.70 0.00	32.90 1.72 0.00	31.91 1.54 0.00	33.86 1.41 0.00	38.12 1.73 0.00	33.90 1.43 0.00	34.60 1.65 0.00	31.95 1.86 -0.96	36.56 1.94 0.00	50.38 3.71 -2.37	55.54 3.75 0.00	119.44 2.75 -72.64	59.02 2.17 0.00	60.64 2.39 0.25	95.79 2.96 -12.88	93.12 3.18 3.13	289.36 9.03 8.49	212.52 12.24 408.76	218.45 6.05 141.33	61.51 0.58 19.29	73.10 0.87 19.83	57.63 0.38 30.88	57.44 0.71 0.00

TILDEN___115KV_TB1 80814	39.81 -0.02 0.00	32.77 -0.15 0.00	30.95 -0.23 0.00	30.15 -0.23 0.00	32.18 -0.26 0.00	36.04 -0.34 0.00	32.09 -0.37 0.00	32.58 -0.37 0.00	28.83 -0.31 0.00	34.42 -0.19 0.00	44.26 -0.05 0.00	51.83 0.04 0.00	44.15 0.11 0.00	57.23 0.33 -0.05	59.35 0.47 -0.38	81.81 0.65 -1.21	97.19 0.69 -3.43	296.59 2.06 -5.71	623.63 5.35 -9.25	364.11 2.88 -7.49	95.30 0.58 -14.51	114.49 0.66 -21.76	95.10 0.50 -6.46	56.86 0.13 0.00
TRIGEN___CC 323695	40.75 0.71 -0.21	33.70 0.78 0.00	31.93 0.76 0.00	31.04 0.67 0.00	33.08 0.63 0.00	37.08 0.69 0.00	33.01 0.54 0.00	33.64 0.69 0.00	30.94 0.85 -0.95	35.40 0.78 0.00	48.27 1.60 -2.37	53.45 1.65 0.00	119.85 1.34 -74.46	57.99 1.14 0.00	59.39 0.89 0.00	81.00 1.06 0.00	94.48 1.41 0.00	292.33 4.97 1.47	541.18 7.60 75.47	329.59 2.13 26.27	77.30 -0.10 2.80	89.34 -0.07 2.66	83.24 -0.03 4.85	57.26 0.53 0.00
TRINITY___115KV___4 BK 55933	39.99 0.33 0.17	33.31 0.39 0.00	31.70 0.53 0.00	30.98 0.61 0.00	33.16 0.72 0.00	37.17 0.78 0.00	33.14 0.68 0.00	33.58 0.63 0.00	29.63 0.49 0.00	34.91 0.30 0.00	44.47 0.17 0.00	51.85 0.05 0.00	-14.30 0.10 58.45	57.00 0.14 0.00	58.64 0.14 0.00	80.16 0.22 0.00	93.64 0.57 0.00	293.03 4.21 0.00	618.15 9.11 0.00	404.98 4.82 -46.43	80.58 0.38 0.00	92.65 0.58 0.00	88.75 0.62 0.00	57.28 0.55 0.00
UNION___PROCESSING_DRP 323587	41.14 1.32 0.00	33.54 0.62 0.00	31.46 0.29 0.00	30.53 0.16 0.00	32.63 0.18 0.00	36.36 -0.03 0.00	32.22 -0.25 0.00	32.92 -0.03 0.00	29.41 0.27 0.00	35.80 1.18 0.00	46.44 2.13 0.00	54.47 2.68 0.00	46.27 2.22 0.00	60.12 3.27 0.00	62.08 3.58 0.00	84.69 4.75 0.00	97.67 4.60 0.00	298.23 9.41 0.00	625.10 16.06 0.00	361.96 8.23 0.00	82.40 2.19 0.00	95.62 3.55 0.00	91.66 3.53 0.00	58.69 1.95 0.00
UPPER HUDSON___HYD 24058	41.05 1.41 0.18	34.07 1.15 0.00	32.34 1.17 0.00	31.56 1.19 0.00	33.73 1.28 0.00	37.83 1.44 0.00	33.66 1.20 0.00	34.10 1.15 0.00	30.14 1.00 0.00	35.58 0.96 0.00	45.06 0.76 0.00	52.43 0.64 0.00	-19.08 0.69 63.81	57.88 1.03 0.00	59.63 1.13 0.00	81.80 1.86 0.00	96.36 3.29 0.00	303.47 14.65 0.00	647.89 38.85 0.00	459.75 22.10 -83.93	84.36 4.16 0.00	96.52 4.45 0.00	91.69 3.55 0.00	58.96 2.23 0.00
UPPER RAQUET___HYD 24056	41.32 1.49 0.00	34.13 1.21 0.00	32.12 0.95 0.00	31.12 0.75 0.00	33.24 0.80 0.00	37.37 0.98 0.00	33.49 1.02 0.00	33.98 1.03 0.00	30.06 0.93 0.00	35.77 1.16 0.00	45.66 1.36 0.00	53.39 1.60 0.00	45.28 1.23 0.00	58.36 1.49 -0.01	60.06 1.47 -0.09	82.41 2.18 -0.28	96.28 2.41 -0.80	296.18 6.02 -1.34	623.33 12.12 -2.16	367.04 11.55 -1.75	782.42 4.13 -698.09	1087.90 4.62 -991.21	291.79 3.81 -199.85	60.39 2.16 -1.50
VALLEY44_115KV_TB2 355964	40.83 1.01 0.00	33.28 0.37 0.00	31.20 0.03 0.00	30.35 -0.03 0.00	32.39 -0.06 0.00	36.09 -0.31 0.00	31.94 -0.52 0.00	32.67 -0.28 0.00	29.24 0.10 0.00	35.78 1.16 0.00	46.47 2.16 0.00	54.12 2.32 0.00	45.68 1.63 0.00	59.47 2.62 0.00	61.05 2.56 0.00	82.74 2.79 0.00	94.82 1.74 0.00	288.08 -0.74 0.00	609.47 0.43 0.00	353.20 -0.53 0.00	80.28 0.08 0.00	93.39 1.32 0.00	90.16 2.02 0.00	57.72 0.99 0.00
VALLEY___115KV_TB 1-4 80826	40.36 0.53 0.00	33.39 0.47 0.00	31.76 0.58 0.00	31.03 0.66 0.00	33.14 0.69 0.00	37.17 0.78 0.00	33.12 0.65 0.00	33.41 0.46 0.00	29.23 0.10 0.00	34.35 -0.26 0.00	43.80 -0.50 0.00	51.12 -0.67 0.00	43.87 -0.17 0.00	56.41 -0.43 0.00	58.17 -0.33 0.00	79.66 -0.28 0.00	93.43 0.36 0.00	293.32 4.50 0.00	625.16 16.11 0.00	364.31 10.58 0.00	82.08 1.87 0.00	94.20 2.13 0.00	89.87 1.75 0.00	57.70 0.97 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.94 1.11 0.00	33.83 0.91 0.00	32.07 0.90 0.00	31.27 0.89 0.00	33.39 0.94 0.00	37.44 1.05 0.00	33.37 0.90 0.00	33.86 0.91 0.00	29.95 0.81 0.00	35.65 1.04 0.00	45.72 1.41 0.00	53.40 1.61 0.00	45.49 1.44 0.00	58.76 1.90 -0.01	60.62 2.01 -0.11	82.94 2.65 -0.35	97.23 3.16 -0.99	300.57 10.10 -1.65	633.55 21.83 -2.68	378.76 11.33 -13.69	82.49 2.23 -0.05	94.90 2.53 -0.30	90.97 2.42 -0.42	58.22 1.50 0.00
VISCHER___FERRY HYD 24020	40.14 0.56 0.25	33.47 0.55 0.00	31.90 0.73 0.00	31.19 0.82 0.00	33.36 0.91 0.00	37.41 1.01 0.00	33.34 0.88 0.00	33.78 0.83 0.00	29.79 0.65 0.00	35.06 0.44 0.00	44.57 0.26 0.00	51.90 0.11 0.00	-43.21 0.15 87.41	57.12 0.28 0.00	58.73 0.23 0.00	80.40 0.45 0.00	94.17 1.10 0.00	295.29 6.46 0.00	624.29 15.24 0.00	431.19 8.65 -68.80	81.33 1.13 0.00	93.56 1.49 0.00	89.47 1.34 0.00	57.70 0.97 0.00
V_A_10_SYNC_DSASP 323832	40.86 1.03 0.00	33.22 0.30 0.00	31.11 -0.07 0.00	30.17 -0.20 0.00	32.30 -0.14 0.00	35.92 -0.47 0.00	31.77 -0.70 0.00	32.54 -0.41 0.00	29.22 0.09 0.00	35.82 1.21 0.00	46.53 2.23 0.00	54.43 2.63 0.00	46.06 2.01 0.00	59.87 3.01 0.00	61.72 3.22 0.00	83.94 4.00 0.00	96.24 3.17 0.00	290.82 1.99 0.00	607.04 -2.01 0.00	351.25 -2.48 0.00	80.45 0.24 0.00	94.12 2.05 0.00	90.69 2.56 0.00	58.18 1.45 0.00
V_CMM_10_SYNC_DSASP 323787	40.37 0.54 0.00	33.41 0.49 0.00	31.60 0.42 0.00	30.70 0.32 0.00	32.80 0.35 0.00	36.82 0.43 0.00	32.94 0.48 0.00	33.44 0.50 0.00	29.64 0.50 0.00	35.29 0.68 0.00	45.12 0.81 0.00	52.78 0.99 0.00	44.76 0.71 0.00	57.65 0.81 0.00	59.24 0.74 0.00	81.04 1.10 0.00	94.16 1.09 0.00	289.38 0.55 0.00	609.13 0.09 0.00	355.15 1.42 0.00	19.08 1.18 62.31	5.72 1.26 87.61	73.34 0.95 15.74	57.09 0.56 0.20
V_CMP_10_SYNC_DSASP 323788	40.42 0.59 0.00	33.43 0.51 0.00	31.70 0.53 0.00	30.75 0.37 0.00	32.83 0.38 0.00	36.88 0.50 0.00	32.97 0.51 0.00	33.47 0.53 0.00	29.62 0.48 0.00	35.34 0.72 0.00	45.22 0.92 0.00	53.03 1.24 0.00	44.88 0.83 0.00	57.77 0.92 0.00	59.34 0.84 0.00	81.10 1.16 0.00	94.72 1.65 0.00	292.26 3.43 0.00	618.21 9.16 0.00	359.33 5.59 0.00	-11.79 -2.16 94.16	-43.05 -2.43 137.54	53.17 1.29 36.25	57.56 0.73 -0.11
V_D_10_SYNC_DSASP 323841	40.81 0.98 0.00	33.76 0.84 0.00	31.90 0.73 0.00	30.98 0.61 0.00	33.10 0.65 0.00	37.17 0.78 0.00	33.25 0.79 0.00	33.75 0.80 0.00	29.90 0.76 0.00	35.61 0.99 0.00	45.49 1.18 0.00	53.22 1.43 0.00	45.14 1.09 0.00	58.17 1.31 0.00	59.77 1.27 0.00	81.80 1.86 0.00	95.02 1.95 0.00	292.87 4.05 0.00	615.18 6.14 0.00	359.77 6.03 0.00	230.35 2.51 -147.63	281.03 2.78 -186.18	76.23 2.38 14.28	60.37 1.46 -2.18
V_E_10_SYNC_DSASP 323830	42.43 2.60 0.00	34.90 1.98 0.00	32.96 1.79 0.00	32.12 1.75 0.00	34.36 1.91 0.00	38.44 2.05 0.00	34.11 1.65 0.00	34.62 1.67 0.00	30.51 1.37 0.00	36.45 1.80 -0.03	46.86 2.56 0.00	54.84 3.05 0.00	46.68 2.64 0.00	60.55 3.67 -0.03	62.67 3.94 -0.24	86.25 5.55 -0.76	102.30 7.08 -2.14	315.27 22.89 -3.56	672.25 57.44 -5.77	398.99 35.28 -9.97	88.04 7.72 -0.12	100.77 8.06 -0.64	95.63 6.60 -0.90	60.12 3.39 0.00

V_F_30_NSYNC___DSASP 323816	40.90 1.27 0.19	33.98 1.06 0.00	32.31 1.13 0.00	31.54 1.16 0.00	33.72 1.27 0.00	37.83 1.44 0.00	33.69 1.23 0.00	34.13 1.19 0.00	30.10 0.96 0.00	35.48 0.87 0.00	45.16 0.85 0.00	52.60 0.81 0.00	-22.78 0.82 67.64	58.04 1.19 0.00	59.76 1.26 0.00	81.88 1.94 0.00	96.05 2.98 0.00	301.43 12.61 0.00	639.66 30.62 0.00	453.42 17.64 -82.05	83.45 3.24 0.00	95.69 3.63 0.00	91.29 3.15 0.00	58.74 2.02 0.00
V_F_30_SYNC_DSASP 323786	40.21 0.55 0.17	33.47 0.55 0.00	31.85 0.68 0.00	31.12 0.74 0.00	33.29 0.85 0.00	37.31 0.93 0.00	33.27 0.80 0.00	33.71 0.77 0.00	29.74 0.60 0.00	35.08 0.46 0.00	44.72 0.41 0.00	52.16 0.37 0.00	-15.18 0.40 59.62	57.39 0.54 0.00	59.08 0.58 0.00	80.79 0.84 0.00	94.37 1.30 0.00	295.34 6.52 0.00	622.98 13.94 0.00	416.58 7.54 -55.30	81.21 1.00 0.00	93.29 1.23 0.00	89.34 1.20 0.00	57.63 0.90 0.00
V_XM_10_SYNC_DSASP 323789	40.42 0.59 0.00	33.43 0.51 0.00	31.70 0.53 0.00	30.75 0.37 0.00	32.83 0.38 0.00	36.88 0.50 0.00	32.97 0.51 0.00	33.47 0.53 0.00	29.62 0.48 0.00	35.34 0.72 0.00	45.22 0.92 0.00	53.03 1.24 0.00	44.88 0.83 0.00	57.77 0.92 0.00	59.34 0.84 0.00	81.10 1.16 0.00	94.72 1.65 0.00	292.26 3.43 0.00	618.21 9.16 0.00	359.33 5.59 0.00	-11.79 -2.16 94.16	-43.05 -2.43 137.54	53.17 1.29 36.25	57.56 0.73 -0.11
W.BABYLN_69_KV_BK1 56697	41.28 1.24 -0.21	34.26 1.34 0.00	32.45 1.27 0.00	31.50 1.13 0.00	33.50 1.05 0.00	37.56 1.18 0.00	33.40 0.94 0.00	34.05 1.10 0.00	31.39 1.30 -0.95	35.89 1.27 0.00	49.29 2.61 -2.37	54.63 2.83 0.00	119.30 2.30 -72.96	59.01 2.16 0.00	60.15 1.80 0.14	82.72 2.11 -0.67	92.89 2.41 2.60	288.26 7.72 8.29	262.50 12.57 359.12	235.37 5.33 123.69	64.27 0.78 16.72	76.04 1.03 17.05	61.98 0.86 27.01	57.87 1.14 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.76 0.73 -0.20	33.60 0.68 0.00	31.86 0.69 0.00	31.05 0.68 0.00	33.14 0.69 0.00	37.10 0.71 0.00	33.09 0.63 0.00	33.66 0.71 0.00	28.25 0.78 1.67	35.40 0.78 0.00	44.51 0.98 0.78	52.91 1.12 0.00	114.93 1.03 -69.85	58.02 1.17 0.00	59.75 1.25 0.00	81.67 1.73 0.00	95.53 2.46 0.00	298.26 9.43 0.00	626.41 17.37 0.00	369.08 7.51 -7.83	81.14 0.93 0.00	92.89 0.82 0.00	89.02 0.89 0.00	57.61 0.88 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.80 0.75 -0.21	33.63 0.71 0.00	31.88 0.71 0.00	31.05 0.68 0.00	33.13 0.68 0.00	37.10 0.71 0.00	33.09 0.63 0.00	33.71 0.76 0.00	30.96 0.86 -0.96	35.48 0.86 0.00	45.81 1.06 -0.45	52.96 1.16 0.00	119.68 1.07 -74.56	57.92 1.07 0.00	59.54 1.04 0.00	81.30 1.36 0.00	95.06 1.98 0.00	296.70 7.88 0.00	623.14 14.09 0.00	367.59 5.75 -8.10	80.77 0.56 0.00	92.53 0.46 0.00	88.70 0.57 0.00	57.52 0.79 0.00
W50THST__13_KV_LOAD 356117	41.08 1.04 -0.21	33.86 0.94 0.00	32.09 0.92 0.00	31.25 0.88 0.00	33.34 0.89 0.00	37.33 0.95 0.00	33.30 0.83 0.00	33.94 0.99 0.00	31.18 1.08 -0.96	35.75 1.14 0.00	46.13 1.37 -0.45	53.32 1.53 0.00	119.99 1.38 -74.56	58.33 1.48 0.00	59.94 1.44 0.00	81.86 1.91 0.00	95.70 2.63 0.00	298.57 9.74 0.00	626.99 17.95 0.00	369.68 7.85 -8.10	81.27 1.06 0.00	93.13 1.06 0.00	89.28 1.15 0.00	57.91 1.18 0.00
WADING RIVER_IC_1 23522	40.85 0.81 -0.21	34.22 1.30 0.00	32.54 1.37 0.00	31.59 1.21 0.00	33.51 1.06 0.00	37.78 1.39 0.00	33.59 1.13 0.00	34.26 1.31 0.00	31.60 1.51 -0.96	36.03 1.42 0.00	49.69 3.01 -2.37	54.57 2.78 0.00	118.58 1.89 -72.64	57.79 0.94 0.00	59.50 1.25 0.25	94.08 1.28 -12.85	91.12 1.13 3.09	283.27 2.89 8.45	198.85 -1.27 408.92	211.37 -0.98 141.38	60.04 -0.89 19.27	71.43 -0.83 19.80	55.89 -1.35 30.90	56.49 -0.24 0.00
WADING RIVER_IC_2 23547	40.85 0.81 -0.21	34.22 1.30 0.00	32.54 1.37 0.00	31.59 1.21 0.00	33.51 1.06 0.00	37.78 1.39 0.00	33.59 1.13 0.00	34.26 1.31 0.00	31.60 1.51 -0.96	36.03 1.42 0.00	49.69 3.01 -2.37	54.57 2.78 0.00	118.58 1.89 -72.64	57.79 0.94 0.00	59.50 1.25 0.25	94.08 1.28 -12.85	91.12 1.13 3.09	283.27 2.89 8.45	198.85 -1.27 408.92	211.37 -0.98 141.38	60.04 -0.89 19.27	71.43 -0.83 19.80	55.89 -1.35 30.90	56.49 -0.24 0.00
WADING RIVER_IC_3 23601	40.85 0.81 -0.21	34.22 1.30 0.00	32.54 1.37 0.00	31.59 1.21 0.00	33.51 1.06 0.00	37.78 1.39 0.00	33.59 1.13 0.00	34.26 1.31 0.00	31.60 1.51 -0.96	36.03 1.42 0.00	49.69 3.01 -2.37	54.57 2.78 0.00	118.58 1.89 -72.64	57.79 0.94 0.00	59.50 1.25 0.25	94.08 1.28 -12.85	91.12 1.13 3.09	283.27 2.89 8.45	198.85 -1.27 408.92	211.37 -0.98 141.38	60.04 -0.89 19.27	71.43 -0.83 19.80	55.89 -1.35 30.90	56.49 -0.24 0.00
WALDENNY_12_KV_BK2 80841	41.59 1.76 0.00	33.66 0.75 0.00	31.44 0.26 0.00	30.44 0.07 0.00	32.60 0.15 0.00	36.22 -0.17 0.00	31.99 -0.47 0.00	32.83 -0.12 0.00	29.57 0.43 0.00	36.45 1.84 0.00	47.47 3.17 0.00	55.55 3.76 0.00	47.04 2.99 0.00	61.26 4.41 0.00	63.19 4.69 0.00	85.94 6.00 0.00	98.36 5.28 0.00	297.53 8.71 0.00	624.84 15.80 0.00	361.41 7.68 0.00	82.27 2.06 0.00	96.14 4.07 0.00	92.70 4.57 0.00	59.37 2.64 0.00
WALDEN__HYDRO 24148	40.60 0.60 -0.17	33.49 0.58 0.00	31.77 0.59 0.00	30.95 0.58 0.00	33.04 0.60 0.00	37.01 0.62 0.00	33.02 0.55 0.00	33.58 0.63 0.00	29.41 0.64 0.37	35.22 0.60 0.00	44.85 0.72 0.17	52.60 0.81 0.00	103.55 0.76 -58.74	57.71 0.86 0.00	59.41 0.91 0.00	81.20 1.26 0.00	95.06 1.99 0.00	296.98 8.15 0.00	625.02 15.98 0.00	369.01 7.14 -8.13	81.14 0.93 0.00	92.91 0.84 0.00	89.02 0.89 0.00	57.53 0.80 0.00
WARRENSBURG____ 23737	41.05 1.41 0.18	34.07 1.15 0.00	32.34 1.17 0.00	31.56 1.19 0.00	33.73 1.27 0.00	37.83 1.44 0.00	33.66 1.19 0.00	34.10 1.16 0.00	30.14 1.01 0.00	35.58 0.96 0.00	45.06 0.76 0.00	52.43 0.64 0.00	-19.08 0.69 63.81	57.88 1.03 0.00	59.63 1.13 0.00	81.80 1.86 0.00	96.36 3.29 0.00	303.47 14.65 0.00	647.87 38.82 0.00	459.74 22.08 -83.93	84.37 4.16 0.00	96.52 4.45 0.00	91.69 3.56 0.00	58.96 2.23 0.00
WATERSIDE____6 8 9 23538	40.81 0.77 -0.21	33.62 0.70 0.00	31.87 0.70 0.00	31.03 0.66 0.00	33.10 0.65 0.00	37.08 0.69 0.00	33.08 0.62 0.00	33.71 0.76 0.00	30.96 0.87 -0.96	35.49 0.87 0.00	45.77 1.02 -0.45	52.95 1.16 0.00	119.72 1.10 -74.57	57.83 0.98 0.00	59.46 0.96 0.00	81.16 1.22 0.00	94.95 1.88 0.00	296.57 7.75 0.00	622.26 13.22 0.00	367.14 5.30 -8.10	80.56 0.35 0.00	92.17 0.10 0.00	88.37 0.24 0.00	57.49 0.76 0.00
WATKINRD_115KV_LN8_ILLION 55919	40.12 0.29 0.00	33.19 0.27 0.00	31.53 0.36 0.00	30.78 0.41 0.00	32.88 0.43 0.00	36.88 0.49 0.00	32.87 0.40 0.00	33.23 0.28 0.00	29.15 0.02 0.00	34.36 -0.25 0.00	43.85 -0.45 0.00	51.19 -0.60 0.00	43.81 -0.24 0.00	56.41 -0.44 0.00	58.13 -0.36 0.00	79.54 -0.40 0.00	93.09 0.01 0.00	291.51 2.68 0.00	619.22 10.18 0.00	360.54 6.80 0.00	81.35 1.14 0.00	93.35 1.28 0.00	89.15 1.02 0.00	57.29 0.56 0.00

WDELAWARE___HYD 323627	40.08 0.12 -0.13	33.03 0.12 0.00	31.30 0.13 0.00	30.48 0.11 0.00	32.51 0.07 0.00	36.43 0.04 0.00	32.49 0.02 0.00	33.02 0.07 0.00	28.98 0.14 0.29	34.63 0.01 0.00	44.16 -0.02 0.14	51.75 -0.04 0.00	91.01 0.09 -46.88	56.64 -0.21 0.00	57.00 -1.50 0.00	78.05 -1.89 0.00	91.60 -1.47 0.00	287.17 -1.66 0.00	605.60 -3.44 0.00	358.68 -3.76 -8.71	80.73 0.52 0.00	92.33 0.26 0.00	88.27 0.14 0.00	56.92 0.19 0.00
WEST BABYLON___IC 23714	41.28 1.24 -0.21	34.26 1.34 0.00	32.45 1.27 0.00	31.50 1.13 0.00	33.50 1.05 0.00	37.56 1.18 0.00	33.40 0.94 0.00	34.05 1.10 0.00	31.39 1.30 -0.95	35.89 1.27 0.00	49.29 2.61 -2.37	54.63 2.83 0.00	119.30 2.30 -72.96	59.01 2.16 0.00	60.15 1.80 0.14	82.72 2.11 -0.67	92.89 2.41 2.60	288.26 7.72 8.29	262.50 12.57 359.12	235.37 5.33 123.69	64.27 0.78 16.72	76.04 1.03 17.05	61.98 0.86 27.01	57.87 1.14 0.00
WEST CANADA___HYD 24049	39.80 -0.03 0.00	32.89 -0.03 0.00	31.17 0.00 0.00	30.38 0.01 0.00	32.45 0.00 0.00	36.41 0.02 0.00	32.46 0.00 0.00	32.95 0.00 0.00	29.10 -0.04 0.00	34.51 -0.11 0.00	44.15 -0.16 0.00	51.59 -0.20 0.00	43.91 -0.14 0.00	56.68 -0.17 0.00	58.32 -0.18 0.00	79.72 -0.23 0.00	92.88 -0.19 0.00	288.96 0.14 0.00	609.83 0.79 0.00	354.06 0.32 0.00	80.12 -0.09 0.00	91.98 -0.09 0.00	88.04 -0.09 0.00	56.67 -0.06 0.00
WESTERN_NY_WIND 24143	42.33 2.51 0.00	34.30 1.38 0.00	32.05 0.87 0.00	31.04 0.67 0.00	33.22 0.77 0.00	36.92 0.54 0.00	32.62 0.16 0.00	33.44 0.49 0.00	29.97 0.83 0.00	36.65 2.04 0.00	47.51 3.21 0.00	55.54 3.75 0.00	47.08 3.04 0.00	61.32 4.47 0.00	63.35 4.85 0.00	86.71 6.77 0.00	99.36 6.29 0.00	302.69 13.87 0.00	636.40 27.35 0.00	369.78 16.04 0.00	84.42 4.22 0.00	98.55 6.48 0.00	94.64 6.50 0.00	60.49 3.76 0.00
WESTOVER___LESR 323668	40.05 0.23 0.00	33.00 0.08 0.00	31.17 -0.01 0.00	30.38 0.01 0.00	32.42 -0.02 0.00	36.32 -0.07 0.00	32.31 -0.15 0.00	32.84 -0.11 0.00	29.04 -0.10 0.00	34.72 0.11 0.00	44.69 0.39 0.00	52.22 0.43 0.00	44.41 0.37 -0.03	57.61 0.73 -0.03	59.53 0.80 -0.23	81.58 0.92 -0.72	95.84 0.72 -2.05	293.44 1.21 -3.40	619.43 4.88 -5.51	363.90 2.17 -7.99	80.74 0.42 -0.11	93.34 0.66 -0.62	89.81 0.82 -0.86	57.02 0.29 0.00
WETHRSFD_WT_PWR 323626	40.75 0.93 0.00	33.06 0.14 0.00	30.93 -0.25 0.00	29.95 -0.42 0.00	32.02 -0.43 0.00	35.72 -0.67 0.00	31.60 -0.87 0.00	32.29 -0.66 0.00	28.84 -0.30 0.00	35.30 0.72 0.04	45.95 1.65 0.00	53.74 1.95 0.00	45.52 1.47 0.00	59.17 2.32 0.00	60.95 2.45 0.00	82.94 3.00 0.00	95.17 2.10 0.00	289.32 0.49 0.00	611.54 2.50 0.00	355.80 2.07 0.00	81.13 0.92 0.00	94.19 2.12 0.00	90.76 2.62 0.00	58.05 1.33 0.00
WHAVSTOR_138KV_BK127 55557	40.42 0.39 -0.20	33.34 0.42 0.00	31.64 0.47 0.00	30.84 0.47 0.00	32.92 0.47 0.00	36.85 0.47 0.00	32.87 0.41 0.00	33.44 0.49 0.00	28.02 0.58 1.69	35.14 0.52 0.00	44.12 0.60 0.79	52.43 0.64 0.00	114.71 0.58 -70.09	57.39 0.54 0.00	59.05 0.55 0.00	80.68 0.73 0.00	94.34 1.26 0.00	294.60 5.78 0.00	618.71 9.67 0.00	364.89 3.31 -7.84	80.20 -0.01 0.00	91.88 -0.19 0.00	88.12 -0.02 0.00	57.06 0.33 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.42 0.39 -0.20	33.34 0.42 0.00	31.64 0.47 0.00	30.84 0.47 0.00	32.92 0.47 0.00	36.85 0.47 0.00	32.87 0.41 0.00	33.44 0.49 0.00	28.02 0.58 1.69	35.14 0.52 0.00	44.12 0.60 0.79	52.43 0.64 0.00	114.71 0.58 -70.09	57.39 0.54 0.00	59.05 0.55 0.00	80.68 0.73 0.00	94.34 1.26 0.00	294.60 5.78 0.00	618.71 9.67 0.00	364.89 3.31 -7.84	80.20 -0.01 0.00	91.88 -0.19 0.00	88.12 -0.02 0.00	57.06 0.33 0.00
WHITEHAL_115KV_TB1 80871	42.08 2.45 0.19	34.90 1.99 0.00	33.14 1.96 0.00	32.31 1.93 0.00	34.54 2.10 0.00	38.73 2.34 0.00	34.29 1.82 0.00	34.71 1.76 0.00	30.86 1.73 0.00	36.42 1.80 0.00	46.35 2.04 0.00	53.63 1.83 0.00	-19.44 1.91 65.40	59.76 2.91 0.00	61.25 2.75 0.00	83.98 4.04 0.00	99.80 6.72 0.00	315.29 26.47 0.00	672.83 63.79 0.00	473.07 36.19 -83.14	86.51 6.30 0.00	98.94 6.87 0.00	93.94 5.81 0.00	60.33 3.60 0.00
WHITEPLN_13_KV_LOAD 356215	41.05 1.01 -0.21	33.82 0.91 0.00	32.08 0.90 0.00	31.24 0.86 0.00	33.34 0.89 0.00	37.33 0.95 0.00	33.29 0.82 0.00	33.89 0.94 0.00	31.16 1.00 -1.03	35.66 1.04 0.00	46.16 1.37 -0.48	53.36 1.57 0.00	119.85 1.42 -74.38	58.51 1.66 0.00	60.22 1.72 0.00	82.31 2.36 0.00	96.27 3.19 0.00	300.51 11.68 0.00	631.32 22.28 0.00	372.41 10.59 -8.08	81.83 1.62 0.00	93.74 1.67 0.00	89.78 1.64 0.00	58.08 1.35 0.00
WM_FLOYD_69_KV_BK2 356380	41.04 0.99 -0.21	34.27 1.35 0.00	32.54 1.37 0.00	31.58 1.21 0.00	33.53 1.08 0.00	37.72 1.33 0.00	33.54 1.08 0.00	34.20 1.26 0.00	31.54 1.45 -0.96	36.01 1.39 0.00	49.55 2.87 -2.37	54.57 2.78 0.00	118.72 2.02 -72.65	58.21 1.36 0.00	59.60 1.37 0.27	94.53 1.55 -13.04	91.47 1.72 3.32	285.06 4.94 8.71	206.04 5.06 408.06	214.73 2.13 141.13	60.71 -0.16 19.34	72.01 -0.08 19.97	56.95 -0.36 30.82	57.01 0.28 0.00
WOODARD___115KV_TB2 355635	39.52 -0.31 0.00	32.53 -0.39 0.00	30.73 -0.44 0.00	29.93 -0.44 0.00	31.97 -0.48 0.00	35.81 -0.58 0.00	31.88 -0.59 0.00	32.38 -0.57 0.00	28.65 -0.48 0.00	34.22 -0.39 0.00	43.98 -0.32 0.00	51.51 -0.28 0.00	43.86 -0.19 0.00	56.81 -0.09 -0.05	58.95 0.04 -0.42	81.33 0.05 -1.33	96.82 -0.03 -3.78	294.78 -0.32 -6.28	619.08 -0.12 -10.17	361.60 -0.37 -8.24	95.85 -0.13 -15.77	115.59 -0.14 -23.66	94.92 -0.25 -7.04	56.41 -0.32 0.00
WOODMERE_69_KV_BK1 55827	41.26 1.22 -0.21	34.09 1.18 0.00	32.27 1.10 0.00	31.36 0.99 0.00	33.39 0.95 0.00	37.44 1.05 0.00	33.32 0.86 0.00	33.96 1.02 0.00	31.25 1.17 -0.95	35.82 1.20 0.00	48.93 2.26 -2.37	54.26 2.47 0.00	122.81 2.07 -76.70	58.95 2.10 0.00	60.41 1.92 0.00	82.48 2.54 0.00	96.24 3.17 0.00	303.30 9.38 -5.09	611.23 16.34 14.15	354.02 7.11 6.83	81.45 1.24 0.00	93.54 1.47 0.00	89.55 1.42 0.00	58.17 1.44 0.00
YORK___WARBASSE 23770	40.91 0.87 -0.21	33.63 0.71 0.00	31.86 0.69 0.00	31.02 0.65 0.00	33.09 0.64 0.00	37.07 0.68 0.00	33.07 0.60 0.00	33.67 0.73 0.00	30.94 0.85 -0.96	35.44 0.82 0.00	45.73 0.98 -0.45	52.90 1.10 0.00	119.69 1.07 -74.57	57.76 0.91 0.00	59.40 0.90 0.00	81.07 1.13 0.00	94.88 1.81 0.00	296.30 7.47 0.00	621.66 12.62 0.00	366.75 4.91 -8.10	80.50 0.29 0.00	92.14 0.07 0.00	88.41 0.27 0.00	57.54 0.81 0.00