

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/31/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	35.70	28.45	29.22	28.33	28.54	35.31	42.23	49.63	40.63	44.00	46.46	46.74	46.93	56.04	61.82	61.95	113.23	213.45	88.79	81.80	126.32	55.90	49.50	44.61
24138	2.28	1.72	1.71	1.56	1.52	1.84	2.48	2.80	2.93	3.24	3.30	3.28	3.48	3.91	4.40	4.31	8.69	16.42	6.36	5.28	7.23	3.70	3.08	2.62
	0.00	0.00	0.00	0.00	0.00	-1.66	0.00	-10.44	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	35.83	28.55	29.33	28.44	28.65	35.43	42.36	49.71	40.72	44.07	46.53	46.81	46.94	56.06	61.84	61.97	113.30	213.42	88.88	82.02	126.71	56.14	49.68	44.78
24260	2.41	1.82	1.82	1.67	1.63	1.96	2.62	2.88	3.02	3.31	3.37	3.35	3.49	3.93	4.42	4.33	8.76	16.38	6.45	5.50	7.62	3.94	3.26	2.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.43	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	35.83	28.55	29.33	28.44	28.65	35.43	42.36	49.71	40.72	44.07	46.53	46.81	46.94	56.06	61.84	61.97	113.30	213.42	88.88	82.02	126.71	56.14	49.68	44.78
24261	2.41	1.82	1.82	1.67	1.63	1.96	2.62	2.88	3.02	3.31	3.37	3.35	3.49	3.93	4.42	4.33	8.76	16.38	6.45	5.50	7.62	3.94	3.26	2.79
	0.00	0.00	0.00	0.00	0.00	-1.66	0.00	-10.43	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	36.25	28.75	29.71	28.86	29.24	34.79	43.37	41.35	40.67	44.15	46.67	46.87	46.57	55.61	61.53	61.79	112.65	213.53	90.01	83.36	130.27	56.94	50.53	45.59
24011	2.83	2.02	2.21	2.09	2.22	2.72	3.63	3.30	3.14	3.39	3.51	3.41	3.12	3.48	4.11	4.14	8.10	16.50	7.58	6.85	11.18	4.74	4.11	3.60
	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	-1.65	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	36.54	28.92	29.91	29.07	29.48	35.12	43.88	41.76	41.06	44.56	47.16	47.30	46.94	56.07	62.00	62.27	113.89	216.58	91.18	84.25	131.70	57.46	51.01	46.07
23798	3.11	2.20	2.40	2.30	2.47	3.05	4.14	3.73	3.52	3.80	4.00	3.84	3.49	3.94	4.59	4.62	9.35	19.54	8.76	7.73	12.61	5.26	4.58	4.07
	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	-1.65	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	36.25	28.75	29.71	28.86	29.24	34.79	43.37	41.35	40.67	44.15	46.67	46.87	46.57	55.61	61.53	61.79	112.65	213.53	90.01	83.36	130.27	56.94	50.53	45.59
24028	2.83	2.02	2.21	2.09	2.22	2.72	3.63	3.30	3.14	3.39	3.51	3.41	3.12	3.48	4.11	4.14	8.10	16.50	7.58	6.85	11.18	4.74	4.11	3.60
	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	-1.65	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	35.24	28.08	29.08	28.26	28.62	34.02	42.21	40.52	39.43	42.89	45.57	45.65	45.40	54.28	59.83	59.32	109.04	205.49	86.26	80.33	125.17	54.88	48.94	44.34
23527	1.82	1.36	1.57	1.49	1.61	1.89	2.46	2.12	1.88	2.13	2.41	2.19	1.95	2.15	2.41	1.68	4.50	8.46	3.84	3.81	6.08	2.68	2.52	2.35
	0.00	0.00	0.00	0.00	0.00	-0.32	0.00	-2.01	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	33.93	27.13	28.01	27.22	27.48	32.61	40.42	38.78	38.04	41.35	43.87	44.10	44.00	52.61	58.10	58.02	105.79	199.30	83.35	77.35	120.18	52.90	47.08	42.59
24190	0.51	0.40	0.50	0.44	0.47	0.53	0.68	0.67	0.50	0.59	0.70	0.64	0.55	0.48	0.68	0.38	1.24	2.26	0.93	0.84	1.09	0.71	0.66	0.60
	0.00	0.00	0.00	0.00	0.00	-0.27	0.00	-1.72	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	32.67	26.18	26.93	26.40	26.61	31.25	39.01	35.58	36.78	39.80	42.24	42.52	42.42	51.12	56.31	56.57	101.74	191.66	80.15	74.18	116.20	50.45	44.74	40.81
355683	-0.75	-0.55	-0.58	-0.37	-0.40	-0.56	-0.73	-0.82	-0.73	-0.96	-0.92	-0.94	-1.03	-1.01	-1.10	-1.08	-2.80	-5.38	-2.27	-2.33	-2.88	-1.75	-1.68	-1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	34.74	27.80	28.68	27.85	28.13	33.36	41.38	39.25	38.43	41.78	44.20	44.42	44.28	52.91	58.34	58.78	107.30	202.74	84.93	78.87	122.94	54.16	48.20	43.60
323833	1.32	1.07	1.17	1.07	1.12	1.32	1.64	1.33	0.89	1.01	1.04	0.96	0.83	0.78	0.92	1.13	2.76	5.70	2.51	2.36	3.85	1.96	1.78	1.60
	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-1.53	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	34.72	27.79	28.67	27.85	28.13	33.36	41.37	39.24	38.42	41.77	44.20	44.41	44.28	52.91	58.33	58.77	107.26	202.68	84.89	78.85	122.92	54.14	48.18	43.59
323834	1.30	1.07	1.16	1.07	1.12	1.31	1.62	1.32	0.88	1.01	1.04	0.96	0.82	0.78	0.91	1.12	2.72	5.64	2.47	2.34	3.83	1.94	1.76	1.59
	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	-1.53	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	33.93	27.13	28.01	27.22	27.48	32.61	40.42	38.78	38.04	41.35	43.87	44.10	44.00	52.61	58.10	58.02	105.79	199.30	83.35	77.35	120.18	52.90	47.08	42.59
23571	0.51	0.40	0.50	0.44	0.47	0.53	0.68	0.67	0.50	0.59	0.70	0.64	0.55	0.48	0.68	0.38	1.24	2.26	0.93	0.84	1.09	0.71	0.66	0.60
	0.00	0.00	0.00	0.00	0.00	-0.27	0.00	-1.72	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	33.93 0.51 0.00	27.13 0.40 0.00	28.01 0.50 0.00	27.22 0.44 0.00	27.48 0.47 0.00	32.61 0.53 -0.27	40.42 0.68 0.00	38.78 0.67 -1.72	38.04 0.50 -0.03	41.35 0.59 0.00	43.87 0.70 0.00	44.10 0.64 0.00	44.00 0.55 0.00	52.61 0.48 0.00	58.10 0.68 0.00	58.02 0.38 0.00	105.79 1.24 0.00	199.30 2.26 0.00	83.35 0.93 0.00	77.35 0.84 0.00	120.18 1.09 0.00	52.90 0.71 0.00	47.08 0.66 0.00	42.59 0.60 0.00
ALBANY___3 23573	33.93 0.51 0.00	27.13 0.40 0.00	28.01 0.50 0.00	27.22 0.44 0.00	27.48 0.47 0.00	32.61 0.53 -0.27	40.42 0.68 0.00	38.78 0.67 -1.72	38.04 0.50 -0.03	41.35 0.59 0.00	43.87 0.70 0.00	44.10 0.64 0.00	44.00 0.55 0.00	52.61 0.48 0.00	58.10 0.68 0.00	58.02 0.38 0.00	105.79 1.24 0.00	199.30 2.26 0.00	83.35 0.93 0.00	77.35 0.84 0.00	120.18 1.09 0.00	52.90 0.71 0.00	47.08 0.66 0.00	42.59 0.60 0.00
ALBANY___4 23574	33.93 0.51 0.00	27.13 0.40 0.00	28.01 0.50 0.00	27.22 0.44 0.00	27.48 0.47 0.00	32.61 0.53 -0.27	40.42 0.68 0.00	38.78 0.67 -1.72	38.04 0.50 -0.03	41.35 0.59 0.00	43.87 0.70 0.00	44.10 0.64 0.00	44.00 0.55 0.00	52.61 0.48 0.00	58.10 0.68 0.00	58.02 0.38 0.00	105.79 1.24 0.00	199.30 2.26 0.00	83.35 0.93 0.00	77.35 0.84 0.00	120.18 1.09 0.00	52.90 0.71 0.00	47.08 0.66 0.00	42.59 0.60 0.00
ALBANY___LFGE 323615	34.39 0.96 0.00	27.48 0.76 0.00	28.37 0.86 0.00	27.55 0.78 0.00	27.82 0.81 0.00	33.02 0.94 -0.27	40.96 1.22 0.00	39.28 1.18 -1.70	38.58 1.04 -0.03	41.96 1.19 0.00	44.55 1.38 0.00	44.80 1.34 0.00	44.71 1.26 0.00	53.47 1.35 0.00	59.07 1.66 0.00	58.97 1.32 0.00	107.43 2.90 0.00	202.49 5.45 0.00	84.65 2.23 0.00	78.56 2.04 0.00	122.04 2.96 0.00	53.70 1.50 0.00	47.76 1.34 0.00	43.19 1.19 0.00
ALCOA_PA_115KV_PL-6C 55860	32.81 -0.61 0.00	26.26 -0.47 0.00	27.01 -0.50 0.00	26.48 -0.30 0.00	26.70 -0.32 0.00	31.35 -0.46 0.00	39.16 -0.58 0.00	35.73 -0.67 0.00	36.95 -0.56 0.00	39.98 -0.78 0.00	42.43 -0.74 0.00	42.61 -0.85 0.00	42.48 -0.97 0.00	51.18 -0.95 0.00	56.38 -1.04 0.00	56.65 -1.00 0.00	101.77 -2.77 0.00	191.35 -5.69 0.00	80.17 -2.25 0.00	74.21 -2.30 0.00	116.39 -2.70 0.00	50.49 -1.71 0.00	44.76 -1.66 0.00	40.95 -1.04 0.00
ALCOA_RYNLDS___DRP 24188	32.81 -0.61 0.00	26.26 -0.47 0.00	27.01 -0.50 0.00	26.48 -0.30 0.00	26.70 -0.32 0.00	31.35 -0.46 0.00	39.16 -0.58 0.00	35.73 -0.67 0.00	36.95 -0.56 0.00	39.98 -0.78 0.00	42.43 -0.74 0.00	42.61 -0.85 0.00	42.48 -0.97 0.00	51.18 -0.95 0.00	56.38 -1.04 0.00	56.65 -1.00 0.00	101.77 -2.77 0.00	191.35 -5.69 0.00	80.17 -2.25 0.00	74.21 -2.30 0.00	116.39 -2.70 0.00	50.49 -1.71 0.00	44.76 -1.66 0.00	40.95 -1.04 0.00
ALCOA___DSASP 323711	32.81 -0.61 0.00	26.26 -0.47 0.00	27.01 -0.50 0.00	26.48 -0.29 0.00	26.70 -0.32 0.00	31.35 -0.46 0.00	39.16 -0.58 0.00	35.73 -0.67 0.00	36.95 -0.56 0.00	39.98 -0.78 0.00	42.43 -0.74 0.00	42.61 -0.85 0.00	42.48 -0.97 0.00	51.18 -0.95 0.00	56.38 -1.03 0.00	56.65 -1.00 0.00	101.78 -2.76 0.00	191.35 -5.68 0.00	80.18 -2.25 0.00	74.21 -2.30 0.00	116.39 -2.70 0.00	50.49 -1.71 0.00	44.76 -1.66 0.00	40.95 -1.04 0.00
ALLEGHENY___COGEN 23514	36.09 2.67 0.00	28.62 1.90 0.00	28.95 1.45 0.00	28.02 1.25 0.00	28.20 1.19 0.00	33.47 1.66 0.00	41.93 2.19 0.00	38.13 1.74 0.00	38.60 1.09 0.00	41.63 0.87 0.00	44.10 0.93 0.00	44.62 1.16 0.00	44.65 1.20 0.00	53.06 0.93 0.00	57.25 -0.17 0.00	56.83 -0.82 0.00	99.03 -5.51 0.00	185.54 -11.50 0.00	78.25 -4.17 0.00	75.73 -0.78 0.00	127.46 8.37 0.00	57.39 5.20 0.00	51.71 5.22 -0.07	45.89 3.90 0.00
ALTAMONT_115KV_TB 2 55880	34.30 0.87 0.00	27.43 0.71 0.00	28.29 0.78 0.00	27.49 0.72 0.00	27.75 0.74 0.00	32.92 0.86 -0.26	40.83 1.08 0.00	39.11 1.07 -1.65	38.45 0.91 -0.03	41.79 1.03 0.00	44.30 1.13 0.00	44.54 1.08 0.00	44.47 1.02 0.00	53.16 1.03 0.00	58.63 1.22 0.00	58.71 1.06 0.00	106.85 2.31 0.00	201.47 4.44 0.00	84.31 1.88 0.00	78.26 1.75 0.00	121.63 2.54 0.00	53.57 1.37 0.00	47.66 1.24 0.00	43.06 1.07 0.00
ALTONA_WT_PWR 323606	33.21 -0.21 0.00	26.56 -0.17 0.00	27.21 -0.30 0.00	26.53 -0.24 0.00	26.61 -0.40 0.00	31.02 -0.78 0.00	39.09 -0.65 0.00	35.74 -0.65 0.00	37.07 -0.44 0.00	40.53 -0.23 0.00	43.27 0.11 0.00	43.23 -0.22 0.00	42.93 -0.52 0.00	51.81 -0.32 0.00	56.85 -0.57 0.00	56.78 -0.87 0.00	101.84 -2.70 0.00	193.91 -3.12 0.00	81.06 -1.37 0.00	74.38 -2.14 0.00	116.44 -2.65 0.00	50.67 -1.53 0.00	44.86 -1.56 0.00	40.87 -1.12 0.00
AMERICAN_REF_FUEL 24010	34.31 0.89 0.00	26.91 0.18 0.00	26.95 -0.56 0.00	26.02 -0.75 0.00	26.18 -0.83 0.00	30.95 -0.86 0.00	38.64 -1.10 0.00	35.09 -1.31 0.00	36.46 -1.04 0.00	40.49 -0.27 0.00	42.98 -0.18 0.00	43.92 0.46 0.00	44.28 0.83 0.00	52.74 0.61 0.00	57.92 0.50 0.00	59.58 1.93 0.00	106.23 1.69 0.00	200.59 3.55 0.00	83.05 0.63 0.00	78.45 1.94 0.00	122.31 3.22 0.00	59.58 2.50 -4.88	61.64 3.88 -11.34	45.02 3.03 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.87 2.45 0.00	28.13 1.41 0.00	28.34 0.83 0.00	27.35 0.57 0.00	27.12 0.11 0.00	32.12 0.31 0.00	40.53 0.79 0.00	37.37 0.98 0.00	39.03 1.53 0.00	43.38 2.62 0.00	45.83 2.67 0.00	46.41 2.95 0.00	46.85 3.39 0.00	56.46 4.33 0.00	61.86 4.45 0.00	63.26 5.62 0.00	113.37 8.82 0.00	214.41 17.38 0.00	89.20 6.77 0.00	84.37 7.85 0.00	130.33 11.24 0.00	61.01 5.50 -3.31	60.00 5.96 -7.63	46.93 4.94 0.00
ARTHUR KILL_GT_1 23520	35.56 2.13 0.00	28.43 1.69 -0.01	29.21 1.70 0.00	28.32 1.55 0.00	28.53 1.51 0.00	35.23 1.76 -1.66	42.00 2.26 0.00	40.96 2.46 -2.10	40.38 2.68 -0.19	43.43 2.68 0.00	41.92 2.56 3.79	45.49 2.64 0.61	43.45 2.67 2.68	52.84 2.99 2.27	60.89 3.47 0.00	61.24 3.59 0.00	112.14 7.60 0.00	210.36 13.32 0.00	88.12 5.70 0.00	81.45 4.93 -0.01	125.03 6.13 0.18	61.54 3.23 -6.10	47.18 2.55 1.79	44.16 2.39 0.22
ARTHUR_KILL_2 23512	35.41 1.99 0.00	28.31 1.58 -0.01	29.08 1.58 0.00	28.21 1.44 0.00	28.42 1.40 0.00	35.10 1.63 -1.66	41.82 2.07 0.00	40.79 2.30 -2.10	40.20 2.50 -0.19	43.25 2.49 0.00	41.74 2.37 3.79	45.31 2.45 0.61	43.24 2.47 2.68	52.60 2.74 2.27	60.60 3.19 0.00	60.95 3.30 0.00	111.57 7.03 0.00	209.26 12.23 0.00	87.67 5.25 0.00	81.00 4.48 -0.01	124.34 5.43 0.18	61.24 2.94 -6.10	46.92 2.29 1.79	43.94 2.17 0.22
ARTHUR_KILL_3 23513	35.31 1.89 0.00	28.14 1.41 0.00	28.91 1.41 0.00	28.03 1.26 0.00	28.23 1.21 0.00	34.90 1.43 -1.66	41.66 1.92 0.00	40.74 2.24 -2.10	40.07 2.37 -0.19	43.31 2.56 0.00	41.91 2.55 3.80	45.34 2.49 0.61	43.40 2.64 2.69	52.74 2.89 2.28	60.45 3.31 0.28	60.68 3.24 0.21	111.39 6.85 0.00	202.90 12.71 6.84	87.40 4.98 0.00	80.63 4.12 0.00	124.14 5.45 0.40	53.84 2.94 1.30	46.11 2.40 2.70	43.81 2.04 0.22

ARTHUR_KILL_COGEN 323718	35.56 2.13 0.00	28.43 1.69 -0.01	29.21 1.70 0.00	28.32 1.55 0.00	28.53 1.51 0.00	35.23 1.76 -1.66	42.00 2.26 0.00	40.96 2.46 -2.10	40.38 2.68 -0.19	43.43 2.68 0.00	41.92 2.56 3.79	45.49 2.64 0.61	43.45 2.67 2.68	52.84 2.99 2.27	60.89 3.47 0.00	61.24 3.59 0.00	112.14 7.60 0.00	210.36 13.32 0.00	88.12 5.70 0.00	81.45 4.93 -0.01	125.03 6.13 0.18	61.54 3.23 -6.10	47.18 2.55 1.79	44.16 2.39 0.22
ASHOKAN____ 23654	35.86 2.44 0.00	28.59 1.86 0.00	29.44 1.93 0.00	28.55 1.78 0.00	28.84 1.82 0.00	34.01 2.20 0.00	42.60 2.86 0.00	39.21 2.82 0.00	40.47 2.97 0.00	43.82 3.06 0.00	46.49 3.33 0.00	46.73 3.27 0.00	46.63 3.18 0.00	56.07 3.94 0.00	62.46 5.04 0.00	61.65 4.00 0.00	112.58 8.04 0.00	213.89 16.85 0.00	89.28 6.85 0.00	83.15 6.63 0.00	129.23 10.14 0.00	56.79 4.59 0.00	50.34 3.92 0.00	45.31 3.32 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.56 2.13 0.00	28.30 1.58 0.00	29.09 1.58 0.00	28.22 1.45 0.00	28.43 1.42 0.00	35.15 1.67 -1.66	42.01 2.27 0.00	49.38 2.55 -10.43	40.27 2.58 -0.19	43.53 2.77 0.00	46.01 2.85 0.00	46.29 2.83 0.00	46.33 2.87 0.00	55.47 3.34 0.00	61.18 3.76 0.00	61.34 3.69 0.00	111.94 7.40 0.00	210.85 13.82 0.00	87.84 5.42 0.00	81.01 4.50 0.00	124.96 5.86 -0.01	55.36 3.17 0.00	49.13 2.71 0.00	44.25 2.26 0.00
ASTORIA_EAST_ENERGY_CC2 323582	35.56 2.13 0.00	28.30 1.58 0.00	29.09 1.58 0.00	28.22 1.45 0.00	28.43 1.42 0.00	35.15 1.67 -1.66	42.01 2.27 0.00	49.38 2.55 -10.43	40.27 2.58 -0.19	43.53 2.77 0.00	46.01 2.85 0.00	46.29 2.83 0.00	46.33 2.87 0.00	55.47 3.34 0.00	61.18 3.76 0.00	61.34 3.69 0.00	111.94 7.40 0.00	210.85 13.82 0.00	87.84 5.42 0.00	81.01 4.50 0.00	124.96 5.86 -0.01	55.36 3.17 0.00	49.13 2.71 0.00	44.25 2.26 0.00
ASTORIA_GT2_1 24094	35.57 2.14 0.00	28.32 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.44 1.43 0.00	35.17 1.70 -1.66	42.04 2.29 0.00	49.40 2.57 -10.43	40.29 2.60 -0.19	43.55 2.79 0.00	46.04 2.87 0.00	46.32 2.86 0.00	46.35 2.89 0.00	55.51 3.38 0.00	61.21 3.80 0.00	61.36 3.71 0.00	111.99 7.45 0.00	210.95 13.91 0.00	87.89 5.46 0.00	81.08 4.56 0.00	125.04 5.94 -0.01	55.40 3.20 0.00	49.17 2.75 0.00	44.29 2.30 0.00
ASTORIA_GT2_2 24095	35.57 2.14 0.00	28.32 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.44 1.43 0.00	35.17 1.70 -1.66	42.04 2.29 0.00	49.40 2.57 -10.43	40.29 2.60 -0.19	43.55 2.79 0.00	46.04 2.87 0.00	46.32 2.86 0.00	46.35 2.89 0.00	55.51 3.38 0.00	61.21 3.80 0.00	61.36 3.71 0.00	111.99 7.45 0.00	210.95 13.91 0.00	87.89 5.46 0.00	81.08 4.56 0.00	125.04 5.94 -0.01	55.40 3.20 0.00	49.17 2.75 0.00	44.29 2.30 0.00
ASTORIA_GT2_3 24096	35.57 2.14 0.00	28.32 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.44 1.43 0.00	35.17 1.70 -1.66	42.04 2.29 0.00	49.40 2.57 -10.43	40.29 2.60 -0.19	43.55 2.79 0.00	46.04 2.87 0.00	46.32 2.86 0.00	46.35 2.89 0.00	55.51 3.38 0.00	61.21 3.80 0.00	61.36 3.71 0.00	111.99 7.45 0.00	210.95 13.91 0.00	87.89 5.46 0.00	81.08 4.56 0.00	125.04 5.94 -0.01	55.40 3.20 0.00	49.17 2.75 0.00	44.29 2.30 0.00
ASTORIA_GT2_4 24097	35.57 2.14 0.00	28.32 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.44 1.43 0.00	35.17 1.70 -1.66	42.04 2.29 0.00	49.40 2.57 -10.43	40.29 2.60 -0.19	43.55 2.79 0.00	46.04 2.87 0.00	46.32 2.86 0.00	46.35 2.89 0.00	55.51 3.38 0.00	61.21 3.80 0.00	61.36 3.71 0.00	111.99 7.45 0.00	210.95 13.91 0.00	87.89 5.46 0.00	81.08 4.56 0.00	125.04 5.94 -0.01	55.40 3.20 0.00	49.17 2.75 0.00	44.29 2.30 0.00
ASTORIA_GT3_1 24098	35.57 2.14 0.00	28.32 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.44 1.43 0.00	35.17 1.70 -1.66	42.04 2.29 0.00	49.40 2.57 -10.43	40.29 2.60 -0.19	43.55 2.79 0.00	46.04 2.87 0.00	46.32 2.86 0.00	46.35 2.89 0.00	55.51 3.38 0.00	61.21 3.80 0.00	61.36 3.71 0.00	111.99 7.45 0.00	210.95 13.91 0.00	87.89 5.46 0.00	81.08 4.56 0.00	125.04 5.94 -0.01	55.40 3.20 0.00	49.17 2.75 0.00	44.29 2.30 0.00
ASTORIA_GT3_2 24099	35.57 2.14 0.00	28.32 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.44 1.43 0.00	35.17 1.70 -1.66	42.04 2.29 0.00	49.40 2.57 -10.43	40.29 2.60 -0.19	43.55 2.79 0.00	46.04 2.87 0.00	46.32 2.86 0.00	46.35 2.89 0.00	55.51 3.38 0.00	61.21 3.80 0.00	61.36 3.71 0.00	111.99 7.45 0.00	210.95 13.91 0.00	87.89 5.46 0.00	81.08 4.56 0.00	125.04 5.94 -0.01	55.40 3.20 0.00	49.17 2.75 0.00	44.29 2.30 0.00
ASTORIA_GT3_3 24100	35.57 2.14 0.00	28.32 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.44 1.43 0.00	35.17 1.70 -1.66	42.04 2.29 0.00	49.40 2.57 -10.43	40.29 2.60 -0.19	43.55 2.79 0.00	46.04 2.87 0.00	46.32 2.86 0.00	46.35 2.89 0.00	55.51 3.38 0.00	61.21 3.80 0.00	61.36 3.71 0.00	111.99 7.45 0.00	210.95 13.91 0.00	87.89 5.46 0.00	81.08 4.56 0.00	125.04 5.94 -0.01	55.40 3.20 0.00	49.17 2.75 0.00	44.29 2.30 0.00
ASTORIA_GT3_4 24101	35.57 2.14 0.00	28.32 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.44 1.43 0.00	35.17 1.70 -1.66	42.04 2.29 0.00	49.40 2.57 -10.43	40.29 2.60 -0.19	43.55 2.79 0.00	46.04 2.87 0.00	46.32 2.86 0.00	46.35 2.89 0.00	55.51 3.38 0.00	61.21 3.80 0.00	61.36 3.71 0.00	111.99 7.45 0.00	210.95 13.91 0.00	87.89 5.46 0.00	81.08 4.56 0.00	125.04 5.94 -0.01	55.40 3.20 0.00	49.17 2.75 0.00	44.29 2.30 0.00
ASTORIA_GT4_1 24102	35.57 2.14 0.00	28.32 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.44 1.43 0.00	35.17 1.70 -1.66	42.04 2.29 0.00	49.40 2.57 -10.43	40.29 2.60 -0.19	43.55 2.79 0.00	46.04 2.87 0.00	46.32 2.86 0.00	46.35 2.89 0.00	55.51 3.38 0.00	61.21 3.80 0.00	61.36 3.71 0.00	111.99 7.45 0.00	210.95 13.91 0.00	87.89 5.46 0.00	81.08 4.56 0.00	125.04 5.94 -0.01	55.40 3.20 0.00	49.17 2.75 0.00	44.29 2.30 0.00
ASTORIA_GT4_2 24103	35.57 2.14 0.00	28.32 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.44 1.43 0.00	35.17 1.70 -1.66	42.04 2.29 0.00	49.40 2.57 -10.43	40.29 2.60 -0.19	43.55 2.79 0.00	46.04 2.87 0.00	46.32 2.86 0.00	46.35 2.89 0.00	55.51 3.38 0.00	61.21 3.80 0.00	61.36 3.71 0.00	111.99 7.45 0.00	210.95 13.91 0.00	87.89 5.46 0.00	81.08 4.56 0.00	125.04 5.94 -0.01	55.40 3.20 0.00	49.17 2.75 0.00	44.29 2.30 0.00
ASTORIA_GT4_3 24104	35.57 2.14 0.00	28.32 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.44 1.43 0.00	35.17 1.70 -1.66	42.04 2.29 0.00	49.40 2.57 -10.43	40.29 2.60 -0.19	43.55 2.79 0.00	46.04 2.87 0.00	46.32 2.86 0.00	46.35 2.89 0.00	55.51 3.38 0.00	61.21 3.80 0.00	61.36 3.71 0.00	111.99 7.45 0.00	210.95 13.91 0.00	87.89 5.46 0.00	81.08 4.56 0.00	125.04 5.94 -0.01	55.40 3.20 0.00	49.17 2.75 0.00	44.29 2.30 0.00

ASTORIA_GT4_4 24105	35.57 2.14 0.00	28.32 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.44 1.43 0.00	35.17 1.70 -1.66	42.04 2.29 0.00	49.40 2.57 -10.43	40.29 2.60 -0.19	43.55 2.79 0.00	46.04 2.87 0.00	46.32 2.86 0.00	46.35 2.89 0.00	55.51 3.38 0.00	61.21 3.80 0.00	61.36 3.71 0.00	111.99 7.45 0.00	210.95 13.91 0.00	87.89 5.46 0.00	81.08 4.56 0.00	125.04 5.94 -0.01	55.40 3.20 0.00	49.17 2.75 0.00	44.29 2.30 0.00
ASTORIA_GT_1 23523	35.66 2.24 0.00	28.38 1.66 0.00	29.17 1.66 0.00	28.29 1.52 0.00	28.50 1.49 0.00	35.24 1.77 -1.66	42.13 2.39 0.00	49.50 2.67 -10.43	40.40 2.70 -0.19	43.67 2.90 0.00	46.16 3.00 0.00	46.45 2.99 0.00	46.48 3.03 0.00	55.68 3.55 0.00	61.42 4.00 0.00	61.57 3.93 0.00	112.34 7.80 0.00	211.65 14.61 0.00	88.17 5.74 0.00	81.30 4.79 0.00	125.41 6.31 -0.01	55.56 3.36 0.00	49.31 2.89 0.00	44.40 2.41 0.00
ASTORIA_GT_10 24110	35.52 2.10 0.00	28.30 1.58 0.00	29.08 1.58 0.00	28.21 1.44 0.00	28.42 1.41 0.00	35.15 1.68 -1.66	42.00 2.25 0.00	49.37 2.55 -10.43	40.33 2.64 -0.19	43.57 2.81 0.00	46.01 2.84 0.00	46.26 2.80 0.00	46.34 2.89 0.00	55.30 3.17 0.00	60.96 3.54 0.00	61.13 3.48 0.00	111.60 7.06 0.00	209.96 12.93 0.00	87.54 5.12 0.00	80.75 4.24 0.00	122.11 5.40 2.37	51.97 3.07 3.30	48.99 2.58 0.00	44.24 2.24 0.00
ASTORIA_GT_11 24225	35.52 2.10 0.00	28.30 1.58 0.00	29.08 1.58 0.00	28.21 1.44 0.00	28.42 1.41 0.00	35.15 1.68 -1.66	42.00 2.25 0.00	49.37 2.55 -10.43	40.33 2.64 -0.19	43.57 2.81 0.00	46.01 2.84 0.00	46.26 2.80 0.00	46.34 2.89 0.00	55.30 3.17 0.00	60.96 3.54 0.00	61.13 3.48 0.00	111.60 7.06 0.00	209.96 12.93 0.00	87.54 5.12 0.00	80.75 4.24 0.00	122.11 5.40 2.37	51.97 3.07 3.30	48.99 2.58 0.00	44.24 2.24 0.00
ASTORIA_GT_12 24226	35.52 2.10 0.00	28.30 1.58 0.00	29.08 1.58 0.00	28.21 1.44 0.00	28.42 1.41 0.00	35.15 1.68 -1.66	42.00 2.25 0.00	49.37 2.55 -10.43	40.33 2.64 -0.19	43.57 2.81 0.00	46.01 2.84 0.00	46.26 2.80 0.00	46.34 2.89 0.00	55.30 3.17 0.00	60.96 3.54 0.00	61.13 3.48 0.00	111.60 7.06 0.00	209.96 12.93 0.00	87.54 5.12 0.00	80.75 4.24 0.00	122.11 5.40 2.37	51.97 3.07 3.30	48.99 2.58 0.00	44.24 2.24 0.00
ASTORIA_GT_13 24227	35.52 2.10 0.00	28.30 1.58 0.00	29.08 1.58 0.00	28.21 1.44 0.00	28.42 1.41 0.00	35.15 1.68 -1.66	42.00 2.25 0.00	49.37 2.55 -10.43	40.33 2.64 -0.19	43.57 2.81 0.00	46.01 2.84 0.00	46.26 2.80 0.00	46.34 2.89 0.00	55.30 3.17 0.00	60.96 3.54 0.00	61.13 3.48 0.00	111.60 7.06 0.00	209.96 12.93 0.00	87.54 5.12 0.00	80.75 4.24 0.00	122.11 5.40 2.37	51.97 3.07 3.30	48.99 2.58 0.00	44.24 2.24 0.00
ASTORIA_GT_5 24106	35.66 2.23 0.00	28.38 1.66 0.00	29.17 1.66 0.00	28.29 1.52 0.00	28.50 1.49 0.00	35.24 1.77 -1.66	42.13 2.39 0.00	49.50 2.67 -10.43	40.40 2.70 -0.19	43.66 2.91 0.00	46.16 3.00 0.00	46.45 2.99 0.00	46.48 3.03 0.00	55.68 3.55 0.00	61.42 4.00 0.00	61.57 3.93 0.00	112.34 7.80 0.00	211.67 14.63 0.00	88.17 5.74 0.00	81.31 4.80 0.00	125.41 6.32 -0.01	55.56 3.37 0.00	49.31 2.89 0.00	44.41 2.41 0.00
ASTORIA_GT_7 24107	35.66 2.23 0.00	28.38 1.66 0.00	29.17 1.66 0.00	28.29 1.52 0.00	28.50 1.49 0.00	35.24 1.77 -1.66	42.13 2.39 0.00	49.50 2.67 -10.43	40.40 2.70 -0.19	43.66 2.91 0.00	46.16 3.00 0.00	46.45 2.99 0.00	46.48 3.03 0.00	55.68 3.55 0.00	61.42 4.00 0.00	61.57 3.93 0.00	112.34 7.80 0.00	211.67 14.63 0.00	88.17 5.74 0.00	81.31 4.80 0.00	125.41 6.32 -0.01	55.56 3.37 0.00	49.31 2.89 0.00	44.41 2.41 0.00
ASTORIA_GT_8 24108	35.66 2.23 0.00	28.38 1.66 0.00	29.17 1.66 0.00	28.29 1.52 0.00	28.50 1.49 0.00	35.24 1.77 -1.66	42.13 2.39 0.00	49.50 2.67 -10.43	40.40 2.70 -0.19	43.66 2.91 0.00	46.16 3.00 0.00	46.45 2.99 0.00	46.48 3.03 0.00	55.68 3.55 0.00	61.42 4.00 0.00	61.57 3.93 0.00	112.34 7.80 0.00	211.67 14.63 0.00	88.17 5.74 0.00	81.31 4.80 0.00	125.41 6.32 -0.01	55.56 3.37 0.00	49.31 2.89 0.00	44.41 2.41 0.00
ASTORIA___2 24149	35.57 2.14 0.00	28.32 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.44 1.43 0.00	35.17 1.70 -1.66	42.03 2.29 0.00	49.40 2.57 -10.43	40.29 2.59 -0.19	43.54 2.78 0.00	46.04 2.87 0.00	46.31 2.85 0.00	46.35 2.89 0.00	55.51 3.38 0.00	61.21 3.80 0.00	61.35 3.71 0.00	111.99 7.45 0.00	210.94 13.91 0.00	87.88 5.46 0.00	81.06 4.55 0.00	125.00 5.90 -0.01	55.40 3.20 0.00	49.17 2.75 0.00	44.28 2.29 0.00
ASTORIA___3 23516	35.52 2.10 0.00	28.30 1.58 0.00	29.08 1.58 0.00	28.21 1.44 0.00	28.42 1.41 0.00	35.15 1.67 -1.66	41.99 2.25 0.00	49.37 2.55 -10.43	40.34 2.64 -0.19	43.57 2.81 0.00	46.01 2.84 0.00	46.26 2.80 0.00	46.34 2.89 0.00	55.30 3.17 0.00	60.95 3.54 0.00	61.13 3.48 0.00	111.59 7.05 0.00	209.95 12.91 0.00	87.55 5.13 0.00	80.73 4.22 0.00	122.11 5.40 2.37	51.96 3.06 3.30	48.99 2.57 0.00	44.23 2.24 0.00
ASTORIA___4 23517	35.52 2.10 0.00	28.30 1.58 0.00	29.08 1.58 0.00	28.21 1.44 0.00	28.42 1.41 0.00	35.15 1.68 -1.66	41.99 2.25 0.00	49.37 2.55 -10.43	40.33 2.64 -0.19	43.57 2.81 0.00	46.01 2.84 0.00	46.26 2.80 0.00	46.34 2.89 0.00	55.30 3.17 0.00	60.96 3.54 0.00	61.13 3.48 0.00	111.60 7.06 0.00	209.95 12.91 0.00	87.54 5.12 0.00	80.75 4.24 0.00	122.11 5.40 2.37	51.97 3.07 3.30	48.99 2.58 0.00	44.23 2.24 0.00
ASTORIA___5 23518	35.52 2.10 0.00	28.30 1.58 0.00	29.08 1.58 0.00	28.21 1.44 0.00	28.42 1.41 0.00	35.15 1.67 -1.66	41.99 2.25 0.00	49.37 2.55 -10.43	40.34 2.64 -0.19	43.57 2.81 0.00	46.01 2.84 0.00	46.26 2.80 0.00	46.34 2.89 0.00	55.30 3.17 0.00	60.95 3.54 0.00	61.13 3.48 0.00	111.59 7.05 0.00	209.95 12.91 0.00	87.55 5.13 0.00	80.74 4.23 0.00	122.11 5.40 2.37	51.96 3.06 3.30	48.99 2.57 0.00	44.23 2.24 0.00
AST_ENERGY_2_CC3 323677	35.39 1.97 0.00	28.21 1.49 0.00	28.98 1.48 0.00	28.11 1.34 0.00	28.32 1.30 0.00	35.02 1.54 -1.66	41.81 2.07 0.00	49.20 2.37 -10.44	40.17 2.48 -0.19	43.45 2.70 0.00	45.89 2.73 0.00	46.15 2.69 0.00	46.29 2.83 0.00	55.27 3.14 0.00	60.99 3.57 0.00	61.13 3.48 0.00	111.79 7.25 0.00	210.66 13.63 0.00	87.75 5.32 0.00	80.93 4.42 0.00	125.01 5.92 0.00	55.35 3.15 0.00	49.01 2.59 0.00	44.19 2.20 0.00
AST_ENERGY_2_CC4 323678	35.39 1.97 0.00	28.21 1.49 0.00	28.98 1.48 0.00	28.11 1.34 0.00	28.32 1.30 0.00	35.02 1.54 -1.66	41.81 2.07 0.00	49.20 2.37 -10.44	40.17 2.48 -0.19	43.45 2.70 0.00	45.89 2.73 0.00	46.15 2.69 0.00	46.29 2.83 0.00	55.27 3.14 0.00	60.99 3.57 0.00	61.13 3.48 0.00	111.79 7.25 0.00	210.66 13.63 0.00	87.75 5.32 0.00	80.93 4.42 0.00	125.01 5.92 0.00	55.35 3.15 0.00	49.01 2.59 0.00	44.19 2.20 0.00

ATHENS_STG_1 23668	34.35 0.93 0.00	27.50 0.77 0.00	28.36 0.85 0.00	27.54 0.76 0.00	27.78 0.77 0.00	33.06 0.89 -0.36	40.87 1.13 0.00	39.85 1.22 -2.24	38.63 1.08 -0.04	42.00 1.24 0.00	44.46 1.30 0.00	44.69 1.23 0.00	44.64 1.19 0.00	53.32 1.19 0.00	58.76 1.34 0.00	58.88 1.23 0.00	107.32 2.78 0.00	202.22 5.19 0.00	84.54 2.12 0.00	78.33 1.82 0.00	121.50 2.41 0.00	53.67 1.47 0.00	47.72 1.30 0.00	43.08 1.09 0.00
ATHENS_STG_2 23670	34.35 0.93 0.00	27.50 0.77 0.00	28.36 0.85 0.00	27.54 0.76 0.00	27.78 0.77 0.00	33.06 0.89 -0.36	40.87 1.13 0.00	39.85 1.22 -2.24	38.63 1.08 -0.04	42.00 1.24 0.00	44.46 1.30 0.00	44.69 1.23 0.00	44.64 1.19 0.00	53.32 1.19 0.00	58.76 1.34 0.00	58.88 1.23 0.00	107.32 2.78 0.00	202.22 5.19 0.00	84.54 2.12 0.00	78.33 1.82 0.00	121.50 2.41 0.00	53.67 1.47 0.00	47.72 1.30 0.00	43.08 1.09 0.00
ATHENS_STG_3 23677	34.35 0.93 0.00	27.50 0.77 0.00	28.36 0.85 0.00	27.54 0.76 0.00	27.78 0.77 0.00	33.06 0.89 -0.36	40.87 1.13 0.00	39.85 1.22 -2.24	38.63 1.08 -0.04	42.00 1.24 0.00	44.46 1.30 0.00	44.69 1.23 0.00	44.64 1.19 0.00	53.32 1.19 0.00	58.76 1.34 0.00	58.88 1.23 0.00	107.32 2.78 0.00	202.22 5.19 0.00	84.54 2.12 0.00	78.33 1.82 0.00	121.50 2.41 0.00	53.67 1.47 0.00	47.72 1.30 0.00	43.08 1.09 0.00
AUBURN___LFGE 323710	34.43 0.99 -0.02	27.35 0.62 0.00	28.00 0.49 0.00	27.16 0.39 0.00	27.29 0.28 0.00	32.22 0.41 0.00	40.48 0.64 -0.10	38.15 0.64 -1.11	39.57 0.71 -1.35	43.10 1.03 -1.32	44.63 0.96 -0.51	45.03 1.01 -0.57	45.26 1.23 -0.58	55.51 1.46 -1.93	61.61 1.47 -2.73	61.98 1.55 -2.78	112.37 3.13 -4.70	208.77 6.12 -5.62	90.21 3.01 -4.78	85.68 3.55 -5.61	129.56 4.88 -5.59	57.73 2.46 -3.07	49.39 2.34 -0.64	43.97 1.74 -0.24
BABYLON_RES_REC 323704	36.30 2.28 -0.60	30.17 2.00 -1.44	29.89 2.02 -0.37	40.27 1.91 -11.59	28.88 1.86 0.00	39.15 2.22 -5.12	42.63 2.88 0.00	49.99 3.06 -10.53	40.82 3.12 -0.19	43.78 3.02 0.00	45.87 2.71 0.00	45.57 2.14 0.03	45.77 2.32 0.00	54.72 2.59 0.00	60.17 2.76 0.00	60.36 2.72 0.00	109.33 5.97 1.18	210.74 13.71 0.00	88.02 5.59 0.00	80.98 4.47 0.00	134.56 6.79 -8.68	86.57 3.73 -30.64	73.17 3.16 -23.58	44.57 2.57 0.00
BABYLON__69_KV_BK2 356345	36.71 2.69 -0.60	30.50 2.33 -1.44	30.22 2.35 -0.36	40.61 2.25 -11.59	29.20 2.19 0.00	39.53 2.61 -5.12	43.10 3.36 0.00	50.42 3.50 -10.53	41.31 3.61 -0.19	44.31 3.55 0.00	46.66 3.50 0.00	46.49 3.06 0.03	46.74 3.28 0.00	55.92 3.79 0.00	61.64 4.22 0.00	61.82 4.18 0.00	111.99 8.55 1.09	216.24 19.20 0.00	90.24 7.81 0.00	83.12 6.60 0.00	154.10 10.17 -24.85	89.74 5.07 -32.47	74.28 4.43 -23.43	45.66 3.67 0.00
BALL_HILL_WT_PWR 323825	35.41 1.99 0.00	27.74 1.02 0.00	27.88 0.37 0.00	26.95 0.17 0.00	26.99 -0.03 0.00	31.95 0.14 0.00	40.09 0.35 0.00	36.71 0.32 0.00	38.21 0.70 0.00	42.43 1.67 0.00	44.82 1.66 0.00	45.57 2.11 0.00	45.96 2.51 0.00	55.07 2.94 0.00	60.44 3.02 0.00	61.86 4.21 0.00	110.92 6.37 0.00	209.60 12.57 0.00	86.97 4.55 0.00	82.19 5.67 0.00	127.54 8.45 0.00	60.10 4.51 -3.39	59.51 5.29 -7.79	46.21 4.21 0.00
BARON_WINDS___WT_PWR 323822	34.59 1.16 0.00	27.26 0.54 0.00	27.76 0.26 0.00	26.92 0.15 0.00	27.04 0.03 0.00	32.11 0.30 0.00	40.22 0.46 -0.02	37.01 0.34 -0.28	38.23 0.39 -0.34	42.10 1.00 -0.33	44.17 0.87 -0.13	44.56 0.96 -0.14	44.58 0.98 -0.14	53.50 0.89 -0.48	58.89 0.79 -0.69	59.71 1.36 -0.70	108.35 2.64 -1.18	203.42 4.97 -1.41	85.63 2.01 -1.20	81.52 3.60 -1.41	126.28 5.79 -1.40	57.57 3.00 -2.37	53.68 3.41 -3.85	44.39 2.34 -0.06
BARRETT_IC_1 23704	36.08 2.07 -0.60	29.89 1.73 -1.44	29.63 1.76 -0.37	39.99 1.63 -11.59	28.61 1.60 0.00	38.83 1.91 -5.12	42.20 2.46 0.00	49.48 2.55 -10.53	40.30 2.60 -0.19	43.33 2.57 0.00	45.52 2.36 0.01	45.49 2.06 0.04	45.66 2.21 0.01	54.63 2.51 0.01	60.30 2.89 0.00	60.43 2.78 0.00	80.57 6.13 30.10	210.35 13.32 0.01	87.69 5.27 0.00	80.82 4.30 0.00	127.91 6.25 -2.57	88.06 3.59 -32.27	105.31 3.24 -55.64	44.72 2.72 -0.01
BARRETT_IC_10 23701	36.08 2.07 -0.60	29.89 1.73 -1.44	29.63 1.76 -0.37	39.99 1.63 -11.59	28.61 1.60 0.00	38.83 1.91 -5.12	42.20 2.46 0.00	49.48 2.55 -10.53	40.30 2.60 -0.19	43.33 2.57 0.00	45.52 2.36 0.01	45.49 2.06 0.04	45.66 2.21 0.01	54.63 2.51 0.01	60.30 2.89 0.00	60.43 2.78 0.00	80.57 6.13 30.10	210.35 13.32 0.01	87.69 5.27 0.00	80.82 4.30 0.00	127.91 6.25 -2.57	88.06 3.59 -32.27	105.31 3.24 -55.64	44.72 2.72 -0.01
BARRETT_IC_11 23702	36.08 2.07 -0.60	29.89 1.73 -1.44	29.63 1.76 -0.37	39.99 1.63 -11.59	28.61 1.60 0.00	38.83 1.91 -5.12	42.20 2.46 0.00	49.48 2.55 -10.53	40.30 2.60 -0.19	43.33 2.57 0.00	45.52 2.36 0.01	45.49 2.06 0.04	45.66 2.21 0.01	54.63 2.51 0.01	60.30 2.89 0.00	60.43 2.78 0.00	80.57 6.13 30.10	210.35 13.32 0.01	87.69 5.27 0.00	80.82 4.30 0.00	127.91 6.25 -2.57	88.06 3.59 -32.27	105.31 3.24 -55.64	44.72 2.72 -0.01
BARRETT_IC_12 23703	36.08 2.07 -0.60	29.89 1.73 -1.44	29.63 1.76 -0.37	39.99 1.63 -11.59	28.61 1.60 0.00	38.83 1.91 -5.12	42.20 2.46 0.00	49.48 2.55 -10.53	40.30 2.60 -0.19	43.33 2.57 0.00	45.52 2.36 0.01	45.49 2.06 0.04	45.66 2.21 0.01	54.63 2.51 0.01	60.30 2.89 0.00	60.43 2.78 0.00	80.57 6.13 30.10	210.35 13.32 0.01	87.69 5.27 0.00	80.82 4.30 0.00	127.91 6.25 -2.57	88.06 3.59 -32.27	105.31 3.24 -55.64	44.72 2.72 -0.01
BARRETT_IC_2 23705	36.08 2.07 -0.60	29.89 1.73 -1.44	29.63 1.76 -0.37	39.99 1.63 -11.59	28.61 1.60 0.00	38.83 1.91 -5.12	42.20 2.46 0.00	49.48 2.55 -10.53	40.30 2.60 -0.19	43.33 2.57 0.00	45.52 2.36 0.01	45.49 2.06 0.04	45.66 2.21 0.01	54.63 2.51 0.01	60.30 2.89 0.00	60.43 2.78 0.00	80.57 6.13 30.10	210.35 13.32 0.01	87.69 5.27 0.00	80.82 4.30 0.00	127.91 6.25 -2.57	88.06 3.59 -32.27	105.31 3.24 -55.64	44.72 2.72 -0.01
BARRETT_IC_3 23706	36.08 2.07 -0.60	29.89 1.73 -1.44	29.63 1.76 -0.37	39.99 1.63 -11.59	28.61 1.60 0.00	38.83 1.91 -5.12	42.20 2.46 0.00	49.48 2.55 -10.53	40.30 2.60 -0.19	43.33 2.57 0.00	45.52 2.36 0.01	45.49 2.06 0.04	45.66 2.21 0.01	54.63 2.51 0.01	60.30 2.89 0.00	60.43 2.78 0.00	80.57 6.13 30.10	210.35 13.32 0.01	87.69 5.27 0.00	80.82 4.30 0.00	127.91 6.25 -2.57	88.06 3.59 -32.27	105.31 3.24 -55.64	44.72 2.72 -0.01
BARRETT_IC_4 23707	36.08 2.07 -0.60	29.89 1.73 -1.44	29.63 1.76 -0.37	39.99 1.63 -11.59	28.61 1.60 0.00	38.83 1.91 -5.12	42.20 2.46 0.00	49.48 2.55 -10.53	40.30 2.60 -0.19	43.33 2.57 0.00	45.52 2.36 0.01	45.49 2.06 0.04	45.66 2.21 0.01	54.63 2.51 0.01	60.30 2.89 0.00	60.43 2.78 0.00	80.57 6.13 30.10	210.35 13.32 0.01	87.69 5.27 0.00	80.82 4.30 0.00	127.91 6.25 -2.57	88.06 3.59 -32.27	105.31 3.24 -55.64	44.72 2.72 -0.01

BARRETT_IC_5 23708	36.08 2.07 -0.60	29.89 1.73 -1.44	29.63 1.76 -0.37	39.99 1.63 -11.59	28.61 1.60 0.00	38.83 1.91 -5.12	42.20 2.46 0.00	49.48 2.55 -10.53	40.30 2.60 -0.19	43.33 2.57 0.00	45.52 2.36 0.01	45.49 2.06 0.04	45.66 2.21 0.01	54.63 2.51 0.01	60.30 2.89 0.00	60.43 2.78 0.00	80.57 6.13 30.10	210.35 13.32 0.01	87.69 5.27 0.00	80.82 4.30 0.00	127.91 6.25 -2.57	88.06 3.59 -32.27	105.31 3.24 -55.64	44.72 2.72 -0.01
BARRETT_IC_6 23709	36.08 2.07 -0.60	29.89 1.73 -1.44	29.63 1.76 -0.37	39.99 1.63 -11.59	28.61 1.60 0.00	38.83 1.91 -5.12	42.20 2.46 0.00	49.48 2.55 -10.53	40.30 2.60 -0.19	43.33 2.57 0.00	45.52 2.36 0.01	45.49 2.06 0.04	45.66 2.21 0.01	54.63 2.51 0.01	60.30 2.89 0.00	60.43 2.78 0.00	80.57 6.13 30.10	210.35 13.32 0.01	87.69 5.27 0.00	80.82 4.30 0.00	127.91 6.25 -2.57	88.06 3.59 -32.27	105.31 3.24 -55.64	44.72 2.72 -0.01
BARRETT_IC_7 23710	36.09 2.07 -0.60	29.89 1.73 -1.44	29.63 1.76 -0.36	39.99 1.63 -11.59	28.62 1.60 0.00	38.83 1.91 -5.12	42.20 2.46 0.00	49.48 2.56 -10.53	40.31 2.61 -0.19	43.33 2.57 0.00	45.52 2.36 0.00	45.49 2.06 0.03	45.66 2.21 0.00	54.64 2.51 0.00	60.31 2.89 0.00	60.43 2.78 0.00	80.57 6.13 30.10	210.35 13.32 0.00	87.69 5.27 0.00	80.83 4.31 0.00	127.91 6.25 -2.57	88.06 3.60 -32.26	105.31 3.25 -55.64	44.71 2.72 0.00
BARRETT_IC_8 23711	36.08 2.07 -0.60	29.89 1.73 -1.44	29.63 1.76 -0.37	39.99 1.63 -11.59	28.61 1.60 0.00	38.83 1.91 -5.12	42.20 2.46 0.00	49.48 2.55 -10.53	40.30 2.60 -0.19	43.33 2.57 0.00	45.52 2.36 0.01	45.49 2.06 0.04	45.66 2.21 0.01	54.63 2.51 0.01	60.30 2.89 0.00	60.43 2.78 0.00	80.57 6.13 30.10	210.35 13.32 0.01	87.69 5.27 0.00	80.82 4.30 0.00	127.91 6.25 -2.57	88.06 3.59 -32.27	105.31 3.24 -55.64	44.72 2.72 -0.01
BARRETT_IC_9 23700	36.08 2.07 -0.60	29.89 1.73 -1.44	29.63 1.76 -0.37	39.99 1.63 -11.59	28.61 1.60 0.00	38.83 1.91 -5.12	42.20 2.46 0.00	49.48 2.55 -10.53	40.30 2.60 -0.19	43.33 2.57 0.00	45.52 2.36 0.01	45.49 2.06 0.04	45.66 2.21 0.01	54.63 2.51 0.01	60.30 2.89 0.00	60.43 2.78 0.00	80.57 6.13 30.10	210.35 13.32 0.01	87.69 5.27 0.00	80.82 4.30 0.00	127.91 6.25 -2.57	88.06 3.59 -32.27	105.31 3.24 -55.64	44.72 2.72 -0.01
BARRETT___1 23545	36.08 2.07 -0.60	29.89 1.73 -1.44	29.63 1.76 -0.37	39.99 1.63 -11.59	28.61 1.60 0.00	38.83 1.91 -5.12	42.20 2.46 0.00	49.48 2.55 -10.53	40.30 2.60 -0.19	43.33 2.57 0.00	45.52 2.36 0.01	45.49 2.06 0.04	45.66 2.21 0.01	54.63 2.51 0.01	60.30 2.89 0.00	60.43 2.78 0.00	80.57 6.13 30.10	210.35 13.32 0.01	87.69 5.27 0.00	80.82 4.30 0.00	127.91 6.25 -2.57	88.06 3.59 -32.27	105.31 3.24 -55.64	44.72 2.72 -0.01
BARRETT___2 23546	36.08 2.07 -0.60	29.89 1.73 -1.44	29.63 1.76 -0.37	39.99 1.63 -11.59	28.61 1.60 0.00	38.83 1.91 -5.12	42.20 2.46 0.00	49.48 2.55 -10.53	40.30 2.60 -0.19	43.33 2.57 0.00	45.52 2.36 0.01	45.49 2.06 0.04	45.66 2.21 0.01	54.63 2.51 0.01	60.30 2.89 0.00	60.43 2.78 0.00	80.57 6.13 30.10	210.35 13.32 0.01	87.69 5.27 0.00	80.82 4.30 0.00	127.91 6.25 -2.57	88.06 3.59 -32.27	105.31 3.24 -55.64	44.72 2.72 -0.01
BATAVIA___115KV_TB1 55881	35.89 2.47 0.00	28.13 1.40 0.00	28.24 0.73 0.00	27.26 0.49 0.00	27.44 0.43 0.00	32.48 0.67 0.00	40.68 0.94 0.00	37.20 0.80 0.00	38.69 1.19 0.00	42.91 2.15 0.00	45.52 2.35 0.00	46.25 2.79 0.00	46.65 3.20 0.00	55.79 3.66 0.00	61.24 3.83 0.00	62.77 5.12 0.00	112.46 7.92 0.00	212.81 15.77 0.00	88.52 6.10 0.00	83.65 7.13 0.00	130.33 11.24 0.00	89.69 5.82 -31.67	174.19 6.36 -121.40	47.01 5.01 0.00
BAYONEEC___CTG1 323682	35.46 2.03 0.00	28.26 1.53 0.00	29.03 1.52 0.00	28.15 1.38 0.00	28.35 1.34 0.00	35.06 1.59 -1.66	41.85 2.11 0.00	49.24 2.41 -10.44	40.22 2.52 -0.19	43.50 2.75 0.00	42.25 2.76 3.67	45.58 2.73 0.61	43.64 2.87 2.69	53.03 3.18 2.28	60.74 3.60 0.28	60.96 3.52 0.21	111.85 7.31 0.00	203.89 13.70 6.84	87.77 5.35 0.00	80.95 4.44 0.00	124.63 5.95 0.40	54.08 3.19 1.30	46.34 2.62 2.70	44.24 2.25 0.00
BAYONEEC___CTG10 323750	35.46 2.03 0.00	28.26 1.53 0.00	29.03 1.52 0.00	28.15 1.38 0.00	28.35 1.34 0.00	35.06 1.59 -1.66	41.85 2.11 0.00	49.24 2.41 -10.44	40.22 2.52 -0.19	43.50 2.75 0.00	42.25 2.76 3.67	45.58 2.73 0.61	43.64 2.87 2.69	53.03 3.18 2.28	60.74 3.60 0.28	60.96 3.52 0.21	111.85 7.31 0.00	203.89 13.70 6.84	87.77 5.35 0.00	80.95 4.44 0.00	124.63 5.95 0.40	54.08 3.19 1.30	46.34 2.62 2.70	44.24 2.25 0.00
BAYONEEC___CTG2 323683	35.46 2.03 0.00	28.26 1.53 0.00	29.03 1.52 0.00	28.15 1.38 0.00	28.35 1.34 0.00	35.06 1.59 -1.66	41.85 2.11 0.00	49.24 2.41 -10.44	40.22 2.52 -0.19	43.50 2.75 0.00	42.25 2.76 3.67	45.58 2.73 0.61	43.64 2.87 2.69	53.03 3.18 2.28	60.74 3.60 0.28	60.96 3.52 0.21	111.85 7.31 0.00	203.89 13.70 6.84	87.77 5.35 0.00	80.95 4.44 0.00	124.63 5.95 0.40	54.08 3.19 1.30	46.34 2.62 2.70	44.24 2.25 0.00
BAYONEEC___CTG3 323684	35.46 2.03 0.00	28.26 1.53 0.00	29.03 1.52 0.00	28.15 1.38 0.00	28.35 1.34 0.00	35.06 1.59 -1.66	41.85 2.11 0.00	49.24 2.41 -10.44	40.22 2.52 -0.19	43.50 2.75 0.00	42.25 2.76 3.67	45.58 2.73 0.61	43.64 2.87 2.69	53.03 3.18 2.28	60.74 3.60 0.28	60.96 3.52 0.21	111.85 7.31 0.00	203.89 13.70 6.84	87.77 5.35 0.00	80.95 4.44 0.00	124.63 5.95 0.40	54.08 3.19 1.30	46.34 2.62 2.70	44.24 2.25 0.00
BAYONEEC___CTG4 323685	35.46 2.03 0.00	28.26 1.53 0.00	29.03 1.52 0.00	28.15 1.38 0.00	28.35 1.34 0.00	35.06 1.59 -1.66	41.85 2.11 0.00	49.24 2.41 -10.44	40.22 2.52 -0.19	43.50 2.75 0.00	42.25 2.76 3.67	45.58 2.73 0.61	43.64 2.87 2.69	53.03 3.18 2.28	60.74 3.60 0.28	60.96 3.52 0.21	111.85 7.31 0.00	203.89 13.70 6.84	87.77 5.35 0.00	80.95 4.44 0.00	124.63 5.95 0.40	54.08 3.19 1.30	46.34 2.62 2.70	44.24 2.25 0.00
BAYONEEC___CTG5 323686	35.46 2.03 0.00	28.26 1.53 0.00	29.03 1.52 0.00	28.15 1.38 0.00	28.35 1.34 0.00	35.06 1.59 -1.66	41.85 2.11 0.00	49.24 2.41 -10.44	40.22 2.52 -0.19	43.50 2.75 0.00	42.25 2.76 3.67	45.58 2.73 0.61	43.64 2.87 2.69	53.03 3.18 2.28	60.74 3.60 0.28	60.96 3.52 0.21	111.85 7.31 0.00	203.89 13.70 6.84	87.77 5.35 0.00	80.95 4.44 0.00	124.63 5.95 0.40	54.08 3.19 1.30	46.34 2.62 2.70	44.24 2.25 0.00
BAYONEEC___CTG6 323687	35.46 2.03 0.00	28.26 1.53 0.00	29.03 1.52 0.00	28.15 1.38 0.00	28.35 1.34 0.00	35.06 1.59 -1.66	41.85 2.11 0.00	49.24 2.41 -10.44	40.22 2.52 -0.19	43.50 2.75 0.00	42.25 2.76 3.67	45.58 2.73 0.61	43.64 2.87 2.69	53.03 3.18 2.28	60.74 3.60 0.28	60.96 3.52 0.21	111.85 7.31 0.00	203.89 13.70 6.84	87.77 5.35 0.00	80.95 4.44 0.00	124.63 5.95 0.40	54.08 3.19 1.30	46.34 2.62 2.70	44.24 2.25 0.00

BAYONEEC___CTG7 323688	35.46 2.03 0.00	28.26 1.53 0.00	29.03 1.52 0.00	28.15 1.38 0.00	28.35 1.34 0.00	35.06 1.59 -1.66	41.85 2.11 0.00	49.24 2.41 -10.44	40.22 2.52 -0.19	43.50 2.75 0.00	42.25 2.76 3.67	45.58 2.73 0.61	43.64 2.87 2.69	53.03 3.18 2.28	60.74 3.60 0.28	60.96 3.52 0.21	111.85 7.31 0.00	203.89 13.70 6.84	87.77 5.35 0.00	80.95 4.44 0.00	124.63 5.95 0.40	54.08 3.19 1.30	46.34 2.62 2.70	44.24 2.25 0.00
BAYONEEC___CTG8 323689	35.46 2.03 0.00	28.26 1.53 0.00	29.03 1.52 0.00	28.15 1.38 0.00	28.35 1.34 0.00	35.06 1.59 -1.66	41.85 2.11 0.00	49.24 2.41 -10.44	40.22 2.52 -0.19	43.50 2.75 0.00	42.25 2.76 3.67	45.58 2.73 0.61	43.64 2.87 2.69	53.03 3.18 2.28	60.74 3.60 0.28	60.96 3.52 0.21	111.85 7.31 0.00	203.89 13.70 6.84	87.77 5.35 0.00	80.95 4.44 0.00	124.63 5.95 0.40	54.08 3.19 1.30	46.34 2.62 2.70	44.24 2.25 0.00
BAYONEEC___CTG9 323749	35.46 2.03 0.00	28.26 1.53 0.00	29.03 1.52 0.00	28.15 1.38 0.00	28.35 1.34 0.00	35.06 1.59 -1.66	41.85 2.11 0.00	49.24 2.41 -10.44	40.22 2.52 -0.19	43.50 2.75 0.00	42.25 2.76 3.67	45.58 2.73 0.61	43.64 2.87 2.69	53.03 3.18 2.28	60.74 3.60 0.28	60.96 3.52 0.21	111.85 7.31 0.00	203.89 13.70 6.84	87.77 5.35 0.00	80.95 4.44 0.00	124.63 5.95 0.40	54.08 3.19 1.30	46.34 2.62 2.70	44.24 2.25 0.00
BEACON___LESR 323632	34.59 1.17 0.00	27.65 0.92 0.00	28.49 0.98 0.00	27.64 0.86 0.00	27.90 0.88 0.00	33.22 1.14 -0.27	41.25 1.51 0.00	39.49 1.37 -1.73	38.80 1.26 -0.03	42.27 1.51 0.00	44.79 1.63 0.00	45.06 1.60 0.00	45.00 1.55 0.00	53.82 1.69 0.00	59.44 2.02 0.00	59.13 1.48 0.00	108.00 3.45 0.00	203.92 6.89 0.00	85.43 3.00 0.00	79.26 2.75 0.00	123.07 3.98 0.00	54.02 1.82 0.00	48.02 1.60 0.00	43.38 1.39 0.00
BEAVER RIVER___HYD 24048	33.56 0.13 -0.01	26.40 -0.32 0.00	27.33 -0.17 0.00	26.40 -0.37 0.00	27.02 0.01 0.00	31.96 0.16 0.00	40.17 0.36 -0.06	37.76 0.72 -0.65	39.27 0.98 -0.79	42.66 1.14 -0.77	44.48 1.03 -0.30	44.59 0.80 -0.33	44.44 0.65 -0.34	53.96 0.71 -1.12	58.83 -0.17 -1.59	58.78 -0.49 -1.62	106.05 -1.23 -2.74	198.57 -1.74 -3.28	85.58 0.36 -2.79	81.34 1.56 -3.27	126.91 4.57 -3.26	55.21 1.22 -1.79	47.07 0.27 -0.38	41.39 -0.75 -0.14
BEEBEE_GT_13 23619	34.86 1.44 0.00	27.49 0.76 0.00	27.81 0.30 0.00	26.90 0.13 0.00	27.10 0.09 0.00	32.04 0.23 0.00	40.10 0.36 0.00	36.67 0.28 0.00	38.01 0.50 0.00	41.96 1.20 0.00	44.50 1.34 0.00	45.24 1.78 0.00	45.53 2.08 0.00	54.40 2.27 0.00	59.87 2.45 0.00	61.04 3.39 0.00	109.82 5.28 0.00	207.30 10.27 0.00	86.36 3.93 0.00	81.08 4.56 0.00	126.09 7.00 0.00	54.10 3.70 1.81	46.39 4.13 4.16	45.14 3.15 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.00 2.57 0.00	28.68 1.94 -0.01	29.45 1.94 0.00	28.55 1.78 0.00	28.75 1.74 0.00	35.54 2.07 -1.66	42.48 2.74 0.00	49.80 2.97 -10.43	40.80 3.10 -0.19	44.06 3.30 0.00	46.46 3.30 0.00	46.80 3.34 0.00	46.90 3.45 0.00	56.05 3.92 0.00	61.89 4.47 0.00	62.10 4.45 0.00	113.40 8.86 0.00	213.02 15.98 0.00	88.94 6.52 0.00	82.13 5.61 -0.01	126.30 7.39 0.18	62.25 3.94 -6.10	49.77 3.35 0.00	44.95 2.95 0.00
BETHLEHEM___GRP 23843	33.93 0.51 0.00	27.13 0.40 0.00	28.01 0.50 0.00	27.22 0.44 0.00	27.48 0.47 0.00	32.61 0.53 -0.27	40.42 0.68 0.00	38.78 0.67 -1.72	38.04 0.50 -0.03	41.35 0.59 0.00	43.87 0.70 0.00	44.10 0.64 0.00	44.00 0.55 0.00	52.61 0.48 0.00	58.10 0.68 0.00	58.02 0.38 0.00	105.79 1.24 0.00	199.30 2.26 0.00	83.35 0.93 0.00	77.35 0.84 0.00	120.18 1.09 0.00	52.90 0.71 0.00	47.08 0.66 0.00	42.59 0.60 0.00
BETHLEHEM___GS1 323560	33.93 0.50 0.00	27.13 0.41 0.00	28.01 0.50 0.00	27.21 0.44 0.00	27.48 0.47 0.00	32.61 0.53 -0.27	40.42 0.68 0.00	38.78 0.67 -1.72	38.04 0.50 -0.03	41.35 0.59 0.00	43.87 0.70 0.00	44.10 0.64 0.00	44.00 0.55 0.00	52.61 0.48 0.00	58.10 0.68 0.00	58.02 0.38 0.00	105.79 1.25 0.00	199.29 2.25 0.00	83.35 0.93 0.00	77.34 0.83 0.00	120.18 1.09 0.00	52.90 0.71 0.00	47.08 0.66 0.00	42.59 0.60 0.00
BETHLEHEM___GS2 323561	33.93 0.50 0.00	27.13 0.41 0.00	28.01 0.50 0.00	27.21 0.44 0.00	27.48 0.47 0.00	32.61 0.53 -0.27	40.42 0.68 0.00	38.78 0.67 -1.72	38.04 0.50 -0.03	41.35 0.59 0.00	43.87 0.70 0.00	44.10 0.64 0.00	44.00 0.55 0.00	52.61 0.48 0.00	58.10 0.68 0.00	58.02 0.38 0.00	105.79 1.25 0.00	199.29 2.25 0.00	83.35 0.93 0.00	77.34 0.83 0.00	120.18 1.09 0.00	52.90 0.71 0.00	47.08 0.66 0.00	42.59 0.60 0.00
BETHLEHEM___GS3 323562	33.93 0.50 0.00	27.13 0.41 0.00	28.01 0.50 0.00	27.21 0.44 0.00	27.48 0.47 0.00	32.61 0.53 -0.27	40.42 0.68 0.00	38.78 0.67 -1.72	38.04 0.50 -0.03	41.35 0.59 0.00	43.87 0.70 0.00	44.10 0.64 0.00	44.00 0.55 0.00	52.61 0.48 0.00	58.10 0.68 0.00	58.02 0.38 0.00	105.79 1.25 0.00	199.29 2.25 0.00	83.35 0.93 0.00	77.34 0.83 0.00	120.18 1.09 0.00	52.90 0.71 0.00	47.08 0.66 0.00	42.59 0.60 0.00
BETHLEHEM___STEEL 23779	35.27 1.85 0.00	27.64 0.92 0.00	27.74 0.23 0.00	26.79 0.02 0.00	26.94 -0.07 0.00	31.89 0.08 0.00	39.89 0.14 0.00	36.39 0.00 0.00	37.84 0.33 0.00	41.99 1.23 0.00	44.50 1.34 0.00	45.37 1.91 0.00	45.75 2.30 0.00	54.63 2.50 0.00	60.06 2.64 0.00	61.62 3.97 0.00	110.29 5.75 0.00	208.31 11.27 0.00	86.36 3.94 0.00	81.52 5.00 0.00	126.85 7.77 0.00	60.24 4.34 -3.70	60.23 5.26 -8.55	46.13 4.14 0.00
BETHLHEM_115KV_TB1 79974	34.00 0.58 0.00	27.20 0.48 0.00	28.05 0.54 0.00	27.27 0.50 0.00	27.54 0.53 0.00	32.68 0.60 -0.27	40.51 0.76 0.00	38.85 0.75 -1.71	38.13 0.59 -0.03	41.45 0.69 0.00	43.95 0.79 0.00	44.19 0.73 0.00	44.11 0.65 0.00	52.74 0.61 0.00	58.21 0.79 0.00	58.16 0.51 0.00	106.04 1.50 0.00	199.77 2.73 0.00	83.57 1.14 0.00	77.51 1.00 0.00	120.44 1.35 0.00	53.04 0.84 0.00	47.20 0.78 0.00	42.68 0.68 0.00
BETHPAGE_CC_5 323564	36.15 2.14 -0.60	30.03 1.86 -1.44	29.77 1.90 -0.37	40.15 1.79 -11.59	28.76 1.75 0.00	39.00 2.07 -5.12	42.42 2.68 0.00	49.78 2.85 -10.53	40.63 2.93 -0.19	43.61 2.85 0.00	45.86 2.70 0.00	45.69 2.26 0.03	45.90 2.45 0.00	54.94 2.81 0.00	60.64 3.22 0.00	60.85 3.20 0.00	109.87 6.87 1.54	211.99 14.95 0.00	88.44 6.02 0.00	81.45 4.93 0.00	129.00 7.34 -2.57	86.00 3.78 -30.01	74.16 3.24 -24.50	44.74 2.75 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.37 1.95 0.00	27.72 0.99 0.00	27.81 0.30 0.00	26.86 0.09 0.00	27.01 0.00 0.00	31.98 0.17 0.00	40.01 0.26 0.00	36.52 0.13 0.00	37.97 0.47 0.00	42.15 1.39 0.00	44.64 1.48 0.00	45.53 2.07 0.00	45.92 2.47 0.00	54.82 2.69 0.00	60.32 2.90 0.00	61.87 4.22 0.00	110.79 6.25 0.00	209.28 12.24 0.00	86.76 4.34 0.00	81.89 5.37 0.00	127.39 8.30 0.00	60.38 4.55 -3.63	60.20 5.39 -8.38	46.26 4.27 0.00

BINGHAMTON___COGEN 23790	34.37 0.94 -0.01	27.29 0.56 0.00	27.91 0.40 0.00	27.11 0.34 0.00	27.32 0.31 0.00	32.30 0.49 0.00	40.50 0.71 -0.04	37.72 0.83 -0.50	38.99 0.87 -0.61	42.69 1.33 -0.60	44.56 1.17 -0.23	44.92 1.21 -0.26	45.09 1.38 -0.26	54.56 1.56 -0.87	60.22 1.56 -1.24	60.58 1.68 -1.26	109.86 3.19 -2.13	205.72 6.14 -2.55	87.11 2.52 -2.17	81.97 2.91 -2.54	125.73 4.10 -2.54	55.76 2.17 -1.39	48.89 2.18 -0.30	43.72 1.62 -0.11
BIXINCNT_115KV_LOAD 355685	35.61 2.19 0.00	27.87 1.14 0.00	28.00 0.48 0.00	27.05 0.28 0.00	27.21 0.20 0.00	32.24 0.43 0.00	40.38 0.63 0.00	36.90 0.51 0.00	38.33 0.82 0.00	42.46 1.70 0.00	44.71 1.55 0.00	45.52 2.07 0.00	45.80 2.35 0.00	54.26 2.13 0.00	59.92 2.50 0.00	61.56 3.91 0.00	110.58 6.04 0.00	208.25 11.21 0.00	86.83 4.40 0.00	82.22 5.71 0.00	127.81 8.72 0.00	60.18 4.72 -3.26	59.24 5.29 -7.53	46.14 4.15 0.00
BLACK RIVER___HYD 24047	33.95 0.52 -0.02	26.63 -0.09 0.00	27.56 0.05 0.00	26.66 -0.11 0.00	27.26 0.25 0.00	32.26 0.45 0.00	40.63 0.80 -0.10	38.68 1.19 -1.09	40.32 1.48 -1.33	43.86 1.81 -1.30	45.27 1.61 -0.50	45.38 1.36 -0.56	45.28 1.26 -0.57	55.40 1.37 -1.90	60.41 0.30 -2.69	60.30 -0.09 -2.74	108.79 -0.38 -4.63	202.51 -0.07 -5.55	88.47 1.33 -4.72	85.04 3.00 -5.54	131.38 6.78 -5.51	57.50 2.27 -3.03	48.00 0.93 -0.64	41.99 -0.24 -0.24
BLACKRVR_115KV_TB2 79977	33.95 0.52 -0.02	26.63 -0.09 0.00	27.56 0.05 0.00	26.66 -0.11 0.00	27.26 0.25 0.00	32.26 0.45 0.00	40.64 0.80 -0.10	38.67 1.19 -1.09	40.32 1.48 -1.33	43.87 1.81 -1.30	45.27 1.61 -0.50	45.38 1.36 -0.56	45.28 1.26 -0.57	55.40 1.37 -1.90	60.41 0.30 -2.69	60.30 -0.09 -2.74	108.79 -0.38 -4.63	202.49 -0.09 -5.55	88.47 1.34 -4.72	85.04 2.99 -5.54	131.39 6.78 -5.51	57.50 2.27 -3.03	48.00 0.93 -0.64	41.99 -0.24 -0.24
BLISS_WT_PWR 323608	35.59 2.17 0.00	27.86 1.13 0.00	27.98 0.47 0.00	27.03 0.26 0.00	27.19 0.18 0.00	32.22 0.41 0.00	40.36 0.62 0.00	36.89 0.49 0.00	38.31 0.80 0.00	42.43 1.67 0.00	44.69 1.53 0.00	45.50 2.04 0.00	45.77 2.32 0.00	54.13 2.00 0.00	59.76 2.34 0.00	61.43 3.78 0.00	110.35 5.81 0.00	207.67 10.63 0.00	86.68 4.26 0.00	82.19 5.67 0.00	127.76 8.67 0.00	60.17 4.71 -3.26	59.19 5.24 -7.53	46.05 4.06 0.00
BLUESTONE___WT_PWR 323821	34.55 1.12 -0.01	27.62 0.90 0.00	28.19 0.68 0.00	27.72 0.95 0.00	27.94 0.93 0.00	33.03 1.22 0.00	41.57 1.79 -0.04	38.98 2.15 -0.43	40.37 2.33 -0.53	44.38 3.11 -0.52	46.43 3.07 -0.20	46.47 2.79 -0.22	47.05 3.37 -0.22	56.81 3.93 -0.75	61.92 3.43 -1.07	60.87 2.13 -1.09	111.31 4.93 -1.84	208.12 8.89 -2.20	88.48 4.18 -1.87	84.29 5.57 -2.20	128.97 7.69 -2.19	57.34 3.93 -1.20	50.51 3.84 -0.26	45.24 3.15 -0.09
BLUE_CIRC_CHEM_DRP 24182	34.41 0.99 0.00	27.55 0.83 0.00	28.43 0.92 0.00	27.62 0.84 0.00	27.89 0.88 0.00	33.08 1.03 -0.25	41.02 1.27 0.00	39.04 1.10 -1.55	38.36 0.83 -0.03	41.74 0.98 0.00	44.18 1.02 0.00	44.41 0.96 0.00	44.32 0.87 0.00	52.97 0.85 0.00	58.41 0.99 0.00	58.46 0.81 0.00	106.59 2.05 0.00	201.17 4.13 0.00	84.21 1.78 0.00	78.18 1.67 0.00	121.74 2.65 0.00	53.64 1.44 0.00	47.75 1.33 0.00	43.20 1.20 0.00
BOC_GAS_DRP 24189	34.13 0.71 0.00	27.31 0.59 0.00	28.18 0.67 0.00	27.38 0.61 0.00	27.65 0.63 0.00	32.79 0.71 -0.26	40.64 0.89 0.00	38.94 0.89 -1.66	38.28 0.74 -0.03	41.62 0.86 0.00	44.09 0.93 0.00	44.32 0.86 0.00	44.26 0.80 0.00	52.91 0.78 0.00	58.32 0.90 0.00	58.38 0.73 0.00	106.37 1.83 0.00	200.41 3.37 0.00	83.83 1.41 0.00	77.75 1.24 0.00	120.80 1.71 0.00	53.25 1.05 0.00	47.40 0.97 0.00	42.85 0.85 0.00
BOONVILLE_115KV_TB1 79983	34.28 0.86 -0.01	27.19 0.46 0.00	28.04 0.53 0.00	27.15 0.37 0.00	27.60 0.58 0.00	32.60 0.79 0.00	40.90 1.13 -0.03	37.98 1.27 -0.31	39.29 1.41 -0.38	42.78 1.66 -0.37	44.99 1.68 -0.14	45.22 1.61 -0.16	45.09 1.48 -0.16	54.32 1.65 -0.53	59.65 1.47 -0.76	59.80 1.38 -0.78	108.21 2.37 -1.31	203.70 5.10 -1.56	86.35 2.60 -1.33	81.15 3.07 -1.56	126.30 5.66 -1.56	55.21 2.16 -0.85	48.10 1.50 -0.18	42.78 0.72 -0.07
BORALEX_4TH_BRANCH 23824	35.24 1.82 0.00	28.08 1.35 0.00	29.08 1.57 0.00	28.26 1.49 0.00	28.62 1.61 0.00	34.02 1.89 -0.32	42.21 2.47 0.00	40.52 2.12 -2.01	39.43 1.88 -0.04	42.89 2.13 0.00	45.58 2.41 0.00	45.65 2.19 0.00	45.40 1.95 0.00	54.28 2.15 0.00	59.83 2.41 0.00	59.32 1.68 0.00	109.03 4.49 0.00	205.53 8.49 0.00	86.26 3.84 0.00	80.33 3.82 0.00	125.17 6.09 0.00	54.88 2.68 0.00	48.94 2.52 0.00	44.35 2.35 0.00
BOWLINE___1 23526	34.92 1.50 0.00	27.86 1.13 0.00	28.66 1.15 0.00	27.82 1.05 0.00	28.03 1.01 0.00	30.34 1.16 2.62	41.28 1.54 0.00	21.69 1.77 16.47	39.01 1.81 0.30	42.78 2.03 0.00	45.19 2.03 0.00	45.43 1.97 0.00	45.52 2.07 0.00	54.47 2.34 0.00	60.07 2.65 0.00	60.36 2.71 0.00	110.39 5.85 0.00	207.81 10.77 0.00	86.67 4.25 0.00	80.17 3.66 0.00	123.87 4.78 0.00	54.75 2.55 0.00	48.45 2.03 0.00	43.64 1.65 0.00
BOWLINE___2 23595	34.92 1.50 0.00	27.87 1.14 0.00	28.68 1.17 0.00	27.85 1.07 0.00	28.04 1.03 0.00	30.37 1.18 2.63	41.29 1.55 0.00	21.67 1.77 16.49	39.02 1.81 0.30	42.79 2.04 0.00	45.20 2.04 0.00	45.44 1.98 0.00	45.52 2.07 0.00	54.47 2.34 0.00	60.09 2.67 0.00	60.37 2.73 0.00	110.40 5.86 0.00	207.84 10.81 0.00	86.67 4.25 0.00	80.19 3.67 0.00	123.89 4.80 0.00	54.75 2.55 0.00	48.46 2.04 0.00	43.65 1.66 0.00
BRADY___115KV_TB2 356060	33.04 -0.38 0.00	26.41 -0.32 0.00	27.17 -0.34 0.00	26.63 -0.14 0.00	26.87 -0.14 0.00	31.57 -0.24 0.00	39.48 -0.26 0.00	36.05 -0.35 0.00	37.30 -0.21 0.00	40.34 -0.42 0.00	42.73 -0.44 0.00	42.74 -0.71 0.00	42.44 -1.01 0.00	51.18 -0.95 0.00	56.54 -0.87 0.00	56.78 -0.87 0.00	101.76 -2.78 0.00	192.17 -4.87 0.00	80.87 -1.56 0.00	74.81 -1.70 0.00	117.68 -1.41 0.00	51.00 -1.20 0.00	45.09 -1.33 0.00	41.23 -0.76 0.00
BRANSCOMB___SOLAR 323811	35.70 2.28 0.00	28.39 1.67 0.00	29.32 1.81 0.00	28.48 1.70 0.00	28.81 1.80 0.00	34.26 2.18 -0.27	42.62 2.88 0.00	40.71 2.62 -1.70	40.00 2.46 -0.03	43.34 2.58 0.00	45.93 2.77 0.00	46.14 2.68 0.00	45.89 2.44 0.00	54.93 2.80 0.00	60.81 3.39 0.00	60.93 3.28 0.00	111.11 6.57 0.00	209.50 12.47 0.00	88.26 5.83 0.00	81.90 5.39 0.00	127.73 8.64 0.00	55.97 3.77 0.00	49.73 3.31 0.00	44.89 2.90 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.29 2.27 -0.60	30.26 2.09 -1.44	29.97 2.10 -0.36	40.37 2.01 -11.59	28.97 1.95 0.00	39.26 2.34 -5.12	42.69 2.95 0.00	50.05 3.13 -10.53	40.90 3.20 -0.19	43.80 3.03 0.00	46.18 3.02 0.00	45.99 2.56 0.03	46.16 2.70 0.00	55.20 3.07 0.00	60.87 3.45 0.00	60.74 3.09 0.00	110.32 6.45 0.67	212.56 15.52 0.00	88.73 6.30 0.00	81.72 5.20 0.00	149.23 8.11 -22.03	88.44 4.16 -32.08	72.65 3.82 -22.41	45.22 3.23 0.00

BRISTLHL_115KV_TB1 79998	33.40 -0.06 -0.04	26.56 -0.17 0.00	27.23 -0.28 0.00	26.44 -0.33 0.00	26.67 -0.34 0.00	31.48 -0.33 0.00	39.61 -0.34 -0.21	38.57 -0.22 -2.40	40.18 -0.25 -2.93	43.53 -0.08 -2.86	44.09 -0.17 -1.10	44.53 -0.16 -1.22	44.69 -0.01 -1.25	56.12 -0.19 -4.17	63.11 -0.21 -5.91	63.66 -0.01 -6.02	114.50 -0.22 -10.18	209.09 -0.12 -12.18	92.86 0.08 -10.35	89.19 0.51 -12.16	131.91 0.70 -12.13	59.31 0.46 -6.66	48.29 0.45 -1.42	42.64 0.13 -0.52
BROOKHAVEN___DRP 24191	35.73 1.71 -0.60	29.86 1.69 -1.44	29.58 1.70 -0.36	39.99 1.63 -11.59	28.60 1.59 0.00	38.79 1.86 -5.12	42.13 2.39 0.00	49.39 2.46 -10.53	40.24 2.54 -0.19	43.13 2.36 0.00	45.54 2.37 0.00	45.23 1.80 0.03	45.49 2.04 0.00	54.41 2.29 0.00	59.88 2.47 0.00	60.09 2.44 0.00	109.31 5.33 0.56	211.35 14.31 0.00	88.42 5.99 0.00	81.44 4.92 0.00	238.18 8.92 -110.17	98.80 4.43 -42.17	73.17 3.88 -22.87	45.14 3.15 0.00
BROOKLYN_NAVY_YARD 23515	35.44 2.02 0.00	28.26 1.54 0.00	29.04 1.53 0.00	28.16 1.38 0.00	28.36 1.35 0.00	35.07 1.60 -1.66	41.87 2.13 0.00	49.29 2.46 -10.44	40.26 2.56 -0.19	43.57 2.81 0.00	46.01 2.85 0.00	46.27 2.81 0.00	46.38 2.92 0.00	55.38 3.25 0.00	61.09 3.67 0.00	61.28 3.63 0.00	112.09 7.55 0.00	211.19 14.16 0.00	87.99 5.56 0.00	81.15 4.64 0.00	125.27 6.18 0.00	55.47 3.27 0.00	49.11 2.69 0.00	44.34 2.36 0.00
BROOKLYN___ARMY_DRP 323595	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.87 13.84 0.00	88.05 5.62 0.00	81.29 4.77 -0.01	125.01 6.10 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
BROOKVLE_69_KV_TB1 55790	36.61 2.60 -0.60	30.30 2.13 -1.44	30.01 2.14 -0.36	40.37 2.01 -11.59	28.99 1.97 0.00	39.27 2.35 -5.12	42.80 3.06 0.00	50.15 3.23 -10.53	41.07 3.37 -0.19	44.25 3.49 0.00	46.48 3.31 0.00	46.45 3.01 0.02	46.66 3.21 0.00	55.94 3.81 0.00	61.80 4.38 0.00	62.05 4.40 0.00	111.80 9.05 1.79	215.63 18.59 0.00	89.80 7.38 0.00	82.71 6.20 0.00	130.69 9.03 -2.57	86.93 4.48 -30.24	78.05 3.88 -27.75	45.30 3.31 0.00
BROOME_2_LFGE 323671	34.37 0.94 -0.01	27.29 0.56 0.00	27.90 0.40 0.00	27.11 0.34 0.00	27.32 0.31 0.00	32.30 0.49 0.00	40.50 0.71 -0.04	37.72 0.83 -0.50	38.99 0.87 -0.61	42.68 1.33 -0.60	44.56 1.17 -0.23	44.92 1.21 -0.26	45.09 1.38 -0.26	54.56 1.56 -0.87	60.22 1.56 -1.24	60.58 1.67 -1.26	109.85 3.18 -2.13	205.74 6.15 -2.55	87.11 2.53 -2.17	81.97 2.91 -2.54	125.73 4.11 -2.54	55.76 2.17 -1.39	48.90 2.19 -0.30	43.72 1.62 -0.11
BROOME___LFGE 323600	34.37 0.94 -0.01	27.29 0.56 0.00	27.90 0.40 0.00	27.11 0.34 0.00	27.32 0.31 0.00	32.30 0.49 0.00	40.50 0.71 -0.04	37.72 0.83 -0.50	38.99 0.87 -0.61	42.68 1.33 -0.60	44.56 1.17 -0.23	44.92 1.21 -0.26	45.09 1.38 -0.26	54.56 1.56 -0.87	60.22 1.56 -1.24	60.58 1.67 -1.26	109.85 3.18 -2.13	205.74 6.15 -2.55	87.11 2.53 -2.17	81.97 2.91 -2.54	125.73 4.11 -2.54	55.76 2.17 -1.39	48.90 2.19 -0.30	43.72 1.62 -0.11
BROWNFLS_115KV_TB 3_5 80003	33.07 -0.35 -0.01	26.11 -0.61 0.00	26.95 -0.56 0.00	26.14 -0.63 0.00	26.59 -0.42 0.00	31.43 -0.38 0.00	39.42 -0.36 -0.04	36.77 -0.07 -0.44	38.22 0.17 -0.54	41.43 0.14 -0.53	43.49 0.12 -0.20	43.55 -0.13 -0.23	43.43 -0.26 -0.23	52.68 -0.23 -0.77	57.52 -0.99 -1.09	57.49 -1.27 -1.12	103.76 -2.67 -1.88	194.45 -4.84 -2.25	83.22 -1.12 -1.92	78.54 -0.22 -2.25	122.93 1.60 -2.23	53.31 -0.12 -1.23	46.09 -0.59 -0.26	41.03 -1.06 -0.10
BROWNSV1_27_KV_LOAD 356125	35.98 2.56 0.00	28.65 1.92 0.00	29.42 1.91 0.00	28.52 1.75 0.00	28.72 1.71 0.00	35.51 2.04 -1.66	42.46 2.72 0.00	49.81 2.98 -10.44	40.82 3.12 -0.19	44.18 3.43 0.00	46.65 3.49 0.00	46.95 3.49 0.00	47.10 3.65 0.00	56.27 4.14 0.00	62.11 4.69 0.00	62.30 4.65 0.00	113.90 9.36 0.00	214.67 17.64 0.00	89.39 6.97 0.00	82.51 6.00 0.00	127.50 8.42 0.00	56.47 4.27 0.00	49.97 3.55 0.00	45.00 3.01 0.00
BURROWS___LYONSDAL 23803	34.11 0.69 -0.01	26.98 0.25 0.00	27.87 0.36 0.00	26.94 0.17 0.00	27.46 0.45 0.00	32.46 0.65 0.00	40.74 0.97 -0.03	37.94 1.17 -0.37	39.30 1.34 -0.46	42.77 1.57 -0.45	44.89 1.56 -0.17	45.10 1.45 -0.19	44.97 1.32 -0.19	54.22 1.44 -0.65	59.40 1.07 -0.92	59.52 0.93 -0.94	107.54 1.41 -1.59	202.33 3.40 -1.90	86.07 2.03 -1.62	81.08 2.67 -1.90	126.48 5.50 -1.89	55.17 1.94 -1.04	47.83 1.19 -0.22	42.37 0.30 -0.08
CAITHNESS_CC_1 323624	35.71 1.69 -0.60	29.84 1.68 -1.44	29.57 1.69 -0.37	39.98 1.62 -11.59	28.59 1.57 0.00	38.76 1.84 -5.12	42.10 2.36 0.00	49.40 2.48 -10.53	40.25 2.55 -0.19	43.12 2.36 0.00	45.51 2.35 0.00	45.23 1.80 0.03	45.49 2.04 0.00	54.40 2.27 0.00	59.89 2.47 0.00	60.07 2.42 0.00	109.22 5.24 0.56	210.99 13.95 0.00	88.22 5.79 0.00	81.28 4.76 0.00	235.67 8.30 -108.28	98.33 4.17 -41.96	72.92 3.64 -22.86	44.95 2.96 0.00
CALPINE BETH_PAGE_GT4 24209	36.19 2.17 -0.60	30.04 1.87 -1.44	29.75 1.88 -0.36	40.15 1.79 -11.59	28.75 1.74 0.00	39.00 2.07 -5.12	42.41 2.67 0.00	49.77 2.84 -10.53	40.64 2.94 -0.19	43.65 2.89 0.00	45.91 2.74 0.00	45.67 2.24 0.02	45.88 2.43 0.00	54.91 2.78 0.00	60.63 3.21 0.00	60.83 3.18 0.00	109.45 6.84 1.93	211.82 14.78 0.00	88.37 5.95 0.00	81.39 4.88 0.00	128.88 7.22 -2.57	86.01 3.73 -30.09	75.21 3.21 -25.58	44.79 2.79 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.18 2.16 -0.60	30.04 1.87 -1.44	29.75 1.88 -0.37	40.15 1.79 -11.59	28.75 1.74 0.00	38.99 2.07 -5.12	42.41 2.67 0.00	49.77 2.85 -10.53	40.63 2.93 -0.19	43.66 2.90 0.00	45.91 2.74 0.00	45.67 2.24 0.02	45.88 2.43 0.00	54.91 2.78 0.00	60.63 3.21 0.00	60.83 3.18 0.00	109.44 6.83 1.93	211.81 14.77 0.00	88.38 5.96 0.00	81.40 4.88 0.00	128.88 7.22 -2.57	86.02 3.73 -30.09	75.20 3.20 -25.58	44.78 2.79 0.00
CALPINE_BP_GT1 23823	36.18 2.16 -0.60	30.04 1.87 -1.44	29.75 1.88 -0.37	40.15 1.79 -11.59	28.75 1.74 0.00	38.99 2.07 -5.12	42.41 2.67 0.00	49.77 2.85 -10.53	40.63 2.93 -0.19	43.66 2.90 0.00	45.91 2.74 0.00	45.67 2.24 0.02	45.88 2.43 0.00	54.91 2.78 0.00	60.63 3.21 0.00	60.83 3.18 0.00	109.44 6.83 1.93	211.81 14.77 0.00	88.38 5.96 0.00	81.40 4.88 0.00	128.88 7.22 -2.57	86.02 3.73 -30.09	75.20 3.20 -25.58	44.78 2.79 0.00
CALSPAN___DRP 24200	35.27 1.85 0.00	27.64 0.92 0.00	27.74 0.23 0.00	26.79 0.02 0.00	26.94 -0.07 0.00	31.89 0.08 0.00	39.89 0.14 0.00	36.39 0.00 0.00	37.84 0.33 0.00	41.99 1.23 0.00	44.50 1.34 0.00	45.37 1.91 0.00	45.75 2.30 0.00	54.63 2.50 0.00	60.06 2.64 0.00	61.62 3.97 0.00	110.29 5.75 0.00	208.31 11.27 0.00	86.36 3.94 0.00	81.52 5.00 0.00	126.85 7.77 0.00	60.24 4.34 -3.70	60.23 5.26 -8.55	46.13 4.14 0.00

CALVERTON___SOLAR 323806	35.76 1.74 -0.60	29.89 1.73 -1.44	29.61 1.74 -0.37	40.02 1.66 -11.59	28.63 1.61 0.00	38.82 1.90 -5.12	42.19 2.45 0.00	49.43 2.51 -10.53	40.29 2.59 -0.19	43.18 2.42 0.00	45.61 2.45 0.00	45.30 1.87 0.03	45.54 2.08 0.00	54.48 2.35 0.00	59.96 2.54 0.00	60.17 2.52 0.00	109.50 5.52 0.56	211.89 14.86 0.00	88.67 6.25 0.00	81.65 5.13 0.00	239.49 9.52 -110.88	99.13 4.68 -42.25	73.42 4.12 -22.88	45.33 3.34 0.00
CANDIGU_WT_PWR 323617	34.59 1.16 0.00	27.26 0.54 0.00	27.76 0.26 0.00	26.92 0.15 0.00	27.04 0.03 0.00	32.11 0.30 0.00	40.22 0.46 -0.02	37.01 0.34 -0.28	38.23 0.39 -0.34	42.10 1.00 -0.33	44.17 0.87 -0.13	44.56 0.96 -0.14	44.58 0.98 -0.14	53.50 0.89 -0.48	58.89 0.79 -0.69	59.71 1.36 -0.70	108.35 2.64 -1.18	203.42 4.97 -1.41	85.63 2.01 -1.20	81.52 3.60 -1.41	126.28 5.79 -1.40	57.57 3.00 -2.37	53.68 3.41 -3.85	44.39 2.34 -0.06
CARR STREET_E_SYR 24060	33.71 0.28 -0.01	26.81 0.08 0.00	27.47 -0.04 0.00	26.67 -0.10 0.00	26.90 -0.11 0.00	31.75 -0.05 0.00	39.81 0.00 -0.06	37.21 0.11 -0.71	38.53 0.15 -0.87	42.00 0.39 -0.85	43.82 0.33 -0.33	44.24 0.42 -0.36	44.38 0.55 -0.37	53.97 0.60 -1.24	59.77 0.59 -1.76	60.21 0.77 -1.79	108.96 1.39 -3.03	203.41 2.75 -3.63	86.71 1.21 -3.08	81.61 1.48 -3.62	124.77 2.07 -3.61	55.26 1.08 -1.98	47.90 1.06 -0.42	42.80 0.66 -0.15
CARTHAGE___PAPER 23857	33.90 0.46 -0.01	26.64 -0.08 0.00	27.58 0.07 0.00	26.67 -0.10 0.00	27.30 0.28 0.00	32.29 0.48 0.00	40.63 0.81 -0.08	38.45 1.13 -0.92	40.05 1.42 -1.12	43.52 1.67 -1.10	45.10 1.52 -0.42	45.16 1.23 -0.47	44.98 1.05 -0.48	54.97 1.24 -1.60	59.97 0.29 -2.26	59.88 -0.07 -2.31	108.10 -0.34 -3.90	201.48 -0.23 -4.67	87.53 1.14 -3.97	83.69 2.52 -4.66	129.82 6.08 -4.65	56.67 1.92 -2.55	47.68 0.72 -0.55	41.82 -0.37 -0.20
CASSADAGA_WT_PWR 323784	36.23 2.81 0.00	28.42 1.70 0.00	28.61 1.10 0.00	27.60 0.83 0.00	27.35 0.33 0.00	32.33 0.52 0.00	40.90 1.15 0.00	37.82 1.43 0.00	39.52 2.01 0.00	43.91 3.15 0.00	46.39 3.22 0.00	46.92 3.46 0.00	47.34 3.89 0.00	57.08 4.95 0.00	62.57 5.16 0.00	64.02 6.37 0.00	114.79 10.26 0.00	217.04 20.01 0.00	90.36 7.93 0.00	85.44 8.93 0.00	131.74 12.65 0.00	61.51 6.03 -3.28	60.35 6.37 -7.56	47.34 5.35 0.00
CE_DUNWOOD___DRP 24194	35.27 1.85 0.00	28.12 1.40 0.00	28.92 1.41 0.00	28.05 1.28 0.00	28.27 1.25 0.00	35.06 1.48 -1.78	41.73 1.99 0.00	49.74 2.21 -11.13	39.99 2.28 -0.20	43.27 2.51 0.00	45.71 2.55 0.00	45.95 2.49 0.00	46.05 2.59 0.00	55.04 2.91 0.00	60.73 3.31 0.00	60.92 3.27 0.00	111.39 6.85 0.00	209.98 12.94 0.00	87.54 5.12 0.00	80.86 4.35 0.00	125.00 5.91 0.00	55.25 3.06 0.00	48.95 2.54 0.00	44.12 2.13 0.00
CE_MILLWOOD___DRP 24193	35.18 1.76 0.00	28.06 1.33 0.00	28.86 1.35 0.00	28.00 1.22 0.00	28.21 1.20 0.00	35.07 1.41 -1.86	41.62 1.88 0.00	50.15 2.11 -11.65	39.89 2.17 -0.21	43.16 2.40 0.00	45.60 2.43 0.00	45.82 2.36 0.00	45.91 2.46 0.00	54.90 2.77 0.00	60.56 3.14 0.00	60.77 3.13 0.00	111.14 6.60 0.00	209.42 12.39 0.00	87.34 4.91 0.00	80.71 4.19 0.00	124.74 5.65 0.00	55.13 2.93 0.00	48.85 2.43 0.00	44.02 2.02 0.00
CE_NYC2_DRP 24202	35.55 2.13 0.00	28.32 1.60 0.00	29.11 1.60 0.00	28.23 1.46 0.00	28.44 1.43 0.00	35.17 1.69 -1.66	42.02 2.28 0.00	49.40 2.57 -10.43	40.37 2.67 -0.19	43.63 2.87 0.00	46.06 2.90 0.00	46.33 2.87 0.00	46.41 2.96 0.00	55.38 3.25 0.00	61.06 3.64 0.00	61.21 3.57 0.00	111.79 7.25 0.00	210.29 13.25 0.00	87.68 5.25 0.00	80.84 4.33 0.00	122.28 5.57 2.37	52.03 3.12 3.30	49.06 2.64 0.00	44.29 2.30 0.00
CE_NYC_DRP 24195	35.51 2.09 0.00	28.31 1.58 0.00	29.08 1.57 0.00	28.20 1.42 0.00	28.40 1.39 0.00	35.11 1.64 -1.66	41.95 2.20 0.00	49.33 2.50 -10.44	40.32 2.62 -0.19	43.62 2.86 0.00	46.07 2.91 0.00	46.34 2.88 0.00	46.50 3.05 0.00	55.53 3.40 0.00	61.26 3.84 0.00	61.40 3.75 0.00	112.29 7.75 0.00	211.58 14.55 0.00	88.10 5.67 0.00	81.26 4.74 0.00	125.51 6.42 0.00	55.57 3.37 0.00	49.20 2.78 0.00	44.37 2.37 0.00
CHAFFEE___LFGE 323603	35.45 2.03 0.00	27.80 1.07 0.00	27.89 0.39 0.00	26.94 0.17 0.00	27.10 0.09 0.00	32.08 0.27 0.00	40.17 0.43 0.00	36.66 0.27 0.00	38.12 0.61 0.00	42.26 1.50 0.00	44.73 1.57 0.00	45.64 2.19 0.00	46.02 2.57 0.00	54.96 2.83 0.00	60.44 3.02 0.00	62.02 4.37 0.00	111.08 6.54 0.00	209.90 12.86 0.00	87.02 4.60 0.00	82.16 5.65 0.00	127.75 8.66 0.00	60.38 4.70 -3.48	59.97 5.51 -8.03	46.35 4.36 0.00
CHATEAUG_35_KV_LOAD 355732	32.93 -0.49 0.00	26.31 -0.42 0.00	26.93 -0.57 0.00	26.35 -0.42 0.00	26.43 -0.59 0.00	30.93 -0.88 0.00	38.93 -0.82 0.00	35.60 -0.79 0.00	36.91 -0.60 0.00	40.17 -0.58 0.00	42.80 -0.37 0.00	42.88 -0.58 0.00	42.61 -0.84 0.00	51.36 -0.77 0.00	56.56 -0.85 0.00	56.53 -1.12 0.00	101.59 -2.95 0.00	192.75 -4.29 0.00	80.49 -1.93 0.00	74.29 -2.23 0.00	116.33 -2.76 0.00	50.54 -1.66 0.00	44.72 -1.71 0.00	40.72 -1.27 0.00
CHATEAUG_WT_PWR 323614	33.25 -0.17 0.00	26.55 -0.18 0.00	27.15 -0.36 0.00	26.41 -0.36 0.00	26.50 -0.51 0.00	30.84 -0.96 0.00	38.97 -0.78 0.00	35.67 -0.72 0.00	37.05 -0.45 0.00	40.67 -0.09 0.00	43.47 0.31 0.00	43.30 -0.16 0.00	42.92 -0.53 0.00	51.93 -0.20 0.00	56.95 -0.47 0.00	56.74 -0.91 0.00	101.45 -3.09 0.00	194.60 -2.44 0.00	81.23 -1.20 0.00	74.31 -2.20 0.00	116.17 -2.92 0.00	50.50 -1.70 0.00	44.71 -1.71 0.00	40.73 -1.26 0.00
CHAT_HIGH_FALL_HYD 323578	32.93 -0.49 0.00	26.31 -0.42 0.00	26.93 -0.57 0.00	26.35 -0.42 0.00	26.43 -0.59 0.00	30.93 -0.88 0.00	38.93 -0.82 0.00	35.60 -0.79 0.00	36.91 -0.60 0.00	40.17 -0.58 0.00	42.80 -0.37 0.00	42.88 -0.58 0.00	42.61 -0.84 0.00	51.36 -0.77 0.00	56.56 -0.85 0.00	56.53 -1.12 0.00	101.59 -2.95 0.00	192.75 -4.29 0.00	80.49 -1.93 0.00	74.29 -2.23 0.00	116.33 -2.76 0.00	50.54 -1.66 0.00	44.72 -1.71 0.00	40.72 -1.27 0.00
CHAUTAUQUA___LFGE 323629	35.81 2.39 0.00	28.05 1.32 0.00	28.23 0.72 0.00	27.27 0.50 0.00	27.21 0.19 0.00	32.23 0.42 0.00	40.56 0.82 0.00	37.29 0.90 0.00	38.87 1.36 0.00	43.19 2.43 0.00	45.57 2.41 0.00	46.22 2.77 0.00	46.66 3.20 0.00	56.10 3.96 0.00	61.48 4.06 0.00	62.86 5.21 0.00	112.78 8.24 0.00	213.13 16.09 0.00	88.57 6.15 0.00	83.74 7.23 0.00	129.66 10.57 0.00	60.89 5.32 -3.37	60.08 5.89 -7.77	46.75 4.75 0.00
CHERRYST_13_KV_LD 356241	35.62 2.20 0.00	28.40 1.67 0.00	29.18 1.67 0.00	28.30 1.53 0.00	28.50 1.48 0.00	35.24 1.77 -1.66	42.13 2.38 0.00	49.51 2.69 -10.44	40.52 2.82 -0.19	43.86 3.10 0.00	46.32 3.15 0.00	46.60 3.31 0.00	46.76 3.72 0.00	55.85 4.21 0.00	61.62 4.13 0.00	61.78 4.13 0.00	112.96 8.42 0.00	212.85 15.81 0.00	88.58 6.16 0.00	81.65 5.13 0.00	126.11 7.02 0.00	55.81 3.61 0.00	49.41 2.99 0.00	44.53 2.54 0.00

CHESTROR_138KV_BK263 355645	34.92 1.50 0.00	27.85 1.13 0.00	28.64 1.14 0.00	27.80 1.03 0.00	28.01 1.00 0.00	31.36 1.17 1.62	41.32 1.58 0.00	28.00 1.75 10.15	39.11 1.79 0.19	42.77 2.01 0.00	45.20 2.04 0.00	45.44 1.98 0.00	45.50 2.05 0.00	54.43 2.30 0.00	60.00 2.58 0.00	60.28 2.64 0.00	110.06 5.52 0.00	207.39 10.35 0.00	86.63 4.21 0.00	80.15 3.63 0.00	123.95 4.86 0.00	54.75 2.55 0.00	48.52 2.10 0.00	43.71 1.72 0.00
CH_MIDHUDSON___DRP 24192	35.23 1.81 0.00	28.06 1.34 0.00	28.88 1.37 0.00	28.02 1.25 0.00	28.26 1.25 0.00	33.56 1.47 -0.28	41.63 1.88 0.00	40.44 1.99 -2.05	39.55 2.01 -0.04	43.20 2.44 0.00	45.76 2.60 0.00	45.98 2.52 0.00	46.02 2.56 0.00	55.00 2.87 0.00	60.66 3.25 0.00	60.84 3.19 0.00	111.30 6.76 0.00	209.80 12.76 0.00	87.57 5.15 0.00	80.92 4.41 0.00	125.12 6.04 0.00	55.24 3.04 0.00	48.97 2.55 0.00	44.13 2.14 0.00
CH_MISC_IPPS 23765	35.52 2.09 0.00	28.29 1.56 0.00	29.10 1.59 0.00	28.23 1.45 0.00	28.46 1.45 0.00	33.51 1.70 0.00	42.15 2.41 0.00	39.07 2.68 0.00	40.27 2.76 0.00	43.67 2.91 0.00	46.15 2.99 0.00	46.39 2.94 0.00	46.43 2.98 0.00	55.56 3.43 0.00	61.27 3.85 0.00	61.47 3.83 0.00	112.43 7.88 0.00	211.95 14.91 0.00	88.49 6.07 0.00	81.75 5.23 0.00	126.39 7.30 0.00	55.76 3.56 0.00	49.40 2.98 0.00	44.50 2.51 0.00
CH_RES_BVR_FALLS 23983	32.34 -1.08 0.00	25.88 -0.84 0.00	26.62 -0.88 0.00	26.19 -0.58 0.00	26.49 -0.53 0.00	31.18 -0.63 0.00	39.01 -0.73 0.00	35.69 -0.71 0.00	36.86 -0.65 0.00	39.88 -0.88 0.00	42.35 -0.81 0.00	42.72 -0.73 0.00	42.70 -0.75 0.00	51.20 -0.93 0.00	56.18 -1.24 0.00	56.28 -1.37 0.00	101.50 -3.04 0.00	191.09 -5.95 0.00	80.09 -2.33 0.00	74.28 -2.23 0.00	116.71 -2.38 0.00	50.51 -1.69 0.00	44.92 -1.50 0.00	40.46 -1.53 0.00
CH_RES_NIAGARA 23895	34.20 0.78 0.00	26.83 0.10 0.00	26.87 -0.64 0.00	25.94 -0.84 0.00	26.11 -0.91 0.00	30.86 -0.95 0.00	38.49 -1.25 0.00	34.94 -1.46 0.00	36.31 -1.20 0.00	40.32 -0.44 0.00	42.81 -0.35 0.00	43.75 0.29 0.00	44.11 0.66 0.00	52.34 0.21 0.00	57.37 -0.05 0.00	59.03 1.38 0.00	105.16 0.62 0.00	198.31 1.27 0.00	82.10 -0.32 0.00	77.46 0.95 0.00	120.81 1.72 0.00	57.86 1.89 -3.77	58.49 3.44 -8.63	44.86 2.87 0.00
CH_RES_SYRACUSE 23985	33.92 0.47 -0.02	26.97 0.24 0.00	27.64 0.13 0.00	26.83 0.06 0.00	27.04 0.03 0.00	31.93 0.13 0.00	40.12 0.26 -0.12	38.03 0.32 -1.32	39.48 0.36 -1.62	42.89 0.56 -1.57	44.30 0.53 -0.61	44.76 0.63 -0.67	44.90 0.76 -0.69	55.28 0.85 -2.30	61.52 0.85 -3.25	61.98 1.01 -3.32	112.04 1.89 -5.61	207.47 3.72 -6.71	89.84 1.71 -5.70	85.19 1.98 -6.70	128.54 2.77 -6.68	57.27 1.40 -3.67	48.51 1.31 -0.78	43.16 0.88 -0.29
CLINTON_WT_PWR 323605	33.25 -0.17 0.00	26.55 -0.18 0.00	27.15 -0.36 0.00	26.41 -0.36 0.00	26.50 -0.51 0.00	30.84 -0.96 0.00	38.97 -0.78 0.00	35.67 -0.72 0.00	37.05 -0.45 0.00	40.67 -0.09 0.00	43.47 0.31 0.00	43.30 -0.16 0.00	42.92 -0.53 0.00	51.93 -0.20 0.00	56.95 -0.47 0.00	56.74 -0.91 0.00	101.45 -3.09 0.00	194.60 -2.44 0.00	81.23 -1.20 0.00	74.31 -2.20 0.00	116.17 -2.92 0.00	50.50 -1.70 0.00	44.71 -1.71 0.00	40.73 -1.26 0.00
CLINTON___LFGE 323618	33.40 -0.02 0.00	26.83 0.11 0.00	27.48 -0.02 0.00	26.78 0.01 0.00	26.88 -0.13 0.00	31.27 -0.54 0.00	39.39 -0.36 0.00	36.03 -0.36 0.00	37.32 -0.19 0.00	40.89 0.13 0.00	43.73 0.56 0.00	43.64 0.19 0.00	43.28 -0.17 0.00	52.17 0.04 0.00	57.20 -0.22 0.00	57.12 -0.53 0.00	102.38 -2.16 0.00	195.48 -1.56 0.00	81.71 -0.72 0.00	74.83 -1.69 0.00	116.99 -2.10 0.00	50.99 -1.21 0.00	45.15 -1.27 0.00	41.15 -0.84 0.00
COBBLENY_34_KV_TB1 80064	35.45 2.03 0.00	27.79 1.07 0.00	27.89 0.39 0.00	26.94 0.17 0.00	27.10 0.09 0.00	32.08 0.27 0.00	40.17 0.43 0.00	36.66 0.26 0.00	38.12 0.61 0.00	42.26 1.50 0.00	44.73 1.57 0.00	45.64 2.18 0.00	46.02 2.57 0.00	54.96 2.84 0.00	60.45 3.03 0.00	62.02 4.37 0.00	111.09 6.54 0.00	209.91 12.87 0.00	87.02 4.60 0.00	82.13 5.61 0.00	127.76 8.68 0.00	60.39 4.71 -3.48	59.95 5.49 -8.03	46.35 4.36 0.00
COFFEEN___115KV_TB3 355620	34.29 0.85 -0.02	26.89 0.16 0.00	27.80 0.29 0.00	26.91 0.13 0.00	27.49 0.48 0.00	32.55 0.75 0.00	41.03 1.19 -0.10	39.05 1.53 -1.12	40.72 1.84 -1.37	44.33 2.23 -1.33	45.73 2.05 -0.52	45.82 1.79 -0.57	45.73 1.69 -0.58	55.96 1.87 -1.95	60.99 0.81 -2.76	60.88 0.42 -2.82	109.85 0.55 -4.76	204.61 1.88 -5.70	89.55 2.28 -4.85	86.21 4.01 -5.69	133.13 8.37 -5.67	58.30 2.99 -3.11	48.63 1.55 -0.66	42.54 0.30 -0.24
COLDSPRG_115KV_BK1 355956	36.72 3.30 0.00	28.74 2.02 0.00	28.91 1.40 0.00	27.91 1.14 0.00	27.85 0.83 0.00	33.03 1.23 0.00	41.73 1.99 0.00	38.54 2.15 0.00	40.20 2.69 0.00	44.63 3.87 0.00	46.97 3.80 0.00	47.62 4.16 0.00	48.06 4.61 0.00	57.77 5.63 0.00	63.40 5.98 0.00	64.82 7.17 0.00	116.36 11.82 0.00	219.81 22.78 0.00	91.39 8.97 0.00	86.30 9.79 0.00	133.27 14.18 0.00	62.12 6.79 -3.13	60.80 7.15 -7.23	47.93 5.94 0.00
COLONIE_LFGE___ 323577	34.91 1.48 0.00	27.82 1.10 0.00	28.74 1.24 0.00	27.92 1.15 0.00	28.24 1.23 0.00	33.53 1.44 -0.28	41.63 1.89 0.00	39.89 1.72 -1.78	39.08 1.54 -0.03	42.47 1.72 0.00	45.07 1.91 0.00	45.27 1.81 0.00	45.09 1.64 0.00	53.92 1.79 0.00	59.53 2.11 0.00	59.45 1.81 0.00	108.64 4.10 0.00	204.70 7.66 0.00	85.89 3.47 0.00	79.78 3.26 0.00	124.11 5.02 0.00	54.51 2.31 0.00	48.53 2.11 0.00	43.88 1.89 0.00
COOPERNY_115KV_TB1 80082	34.53 1.10 0.00	27.57 0.84 0.00	28.36 0.85 0.00	27.54 0.77 0.00	27.75 0.74 0.00	32.04 0.87 0.64	40.88 1.14 0.00	33.66 1.30 4.02	38.73 1.29 0.07	42.25 1.49 0.00	44.66 1.50 0.00	44.91 1.46 0.00	44.96 1.51 0.00	53.80 1.67 0.00	59.27 1.85 0.00	59.57 1.92 0.00	108.57 4.03 0.00	204.53 7.49 0.00	85.43 3.00 0.00	79.19 2.68 0.00	122.62 3.53 0.00	54.13 1.93 0.00	48.03 1.61 0.00	43.29 1.29 0.00
COPENHAGEN_WT_PWR 323753	33.71 0.27 -0.02	26.39 -0.33 0.00	27.35 -0.16 0.00	26.47 -0.31 0.00	27.07 0.06 0.00	32.04 0.23 0.00	40.35 0.50 -0.10	38.56 0.99 -1.18	40.20 1.26 -1.44	43.72 1.56 -1.40	45.03 1.33 -0.54	45.18 1.12 -0.60	45.11 1.05 -0.61	55.24 1.07 -2.05	60.19 -0.13 -2.90	60.01 -0.59 -2.95	108.21 -1.33 -4.99	201.18 -1.83 -5.97	88.10 0.60 -5.08	84.84 2.36 -5.96	130.94 5.91 -5.95	57.30 1.84 -3.26	47.57 0.45 -0.70	41.52 -0.73 -0.26
CORNELL_____ 23752	34.76 1.33 -0.01	27.61 0.88 0.00	28.25 0.74 0.00	27.45 0.68 0.00	27.66 0.64 0.00	32.68 0.87 0.00	41.04 1.23 -0.06	38.39 1.30 -0.71	39.76 1.39 -0.86	43.41 1.81 -0.84	45.22 1.73 -0.33	45.43 1.61 -0.36	45.67 1.85 -0.37	55.45 2.09 -1.23	61.29 2.14 -1.74	61.61 2.19 -1.77	112.02 4.48 -3.00	208.90 8.28 -3.59	89.31 3.84 -3.05	84.46 4.37 -3.58	129.20 6.54 -3.57	57.30 3.14 -1.96	49.71 2.88 -0.42	44.31 2.17 -0.15

CORONA__69_KV_TB1 355595	36.49 2.47 -0.60	30.19 2.02 -1.44	29.90 2.03 -0.36	40.26 1.90 -11.59	28.87 1.86 0.00	39.13 2.21 -5.12	42.61 2.86 0.00	49.91 2.99 -10.53	40.78 3.09 -0.19	43.92 3.16 0.00	46.24 3.08 0.00	46.28 2.83 0.00	46.39 2.93 0.00	55.57 3.44 0.00	61.35 3.93 0.00	61.44 3.80 0.00	112.46 7.92 0.00	214.00 16.97 0.00	89.18 6.75 0.00	82.16 5.65 0.00	130.04 8.37 -2.57	87.87 4.31 -31.35	93.20 3.74 -43.04	45.17 3.17 0.00
CORTLAND__115KV_TB3 80093	34.40 0.96 -0.01	27.34 0.61 0.00	28.01 0.50 0.00	27.21 0.44 0.00	27.44 0.43 0.00	32.42 0.61 0.00	40.69 0.88 -0.06	38.09 0.95 -0.74	39.43 1.02 -0.91	43.04 1.39 -0.88	44.84 1.33 -0.34	45.13 1.29 -0.38	45.27 1.43 -0.39	55.02 1.60 -1.29	60.85 1.61 -1.82	61.25 1.74 -1.86	111.01 3.32 -3.14	207.18 6.38 -3.76	88.43 2.80 -3.20	83.44 3.16 -3.76	127.61 4.77 -3.74	56.58 2.33 -2.06	49.01 2.15 -0.44	43.71 1.56 -0.16
COXSACKIE__GT 23611	36.32 2.90 0.00	28.95 2.22 0.00	29.83 2.32 0.00	28.94 2.16 0.00	29.24 2.23 0.00	34.52 2.71 0.00	43.21 3.47 0.00	39.67 3.28 0.00	40.80 3.29 0.00	44.04 3.28 0.00	46.48 3.32 0.00	46.87 3.41 0.00	46.56 3.11 0.00	56.19 4.06 0.00	62.63 5.22 0.00	61.80 4.15 0.00	113.04 8.50 0.00	213.71 16.68 0.00	90.07 7.65 0.00	83.55 7.03 0.00	130.56 11.47 0.00	57.33 5.13 0.00	50.86 4.44 0.00	45.83 3.84 0.00
CPV_VALLEY__CC1 323721	34.61 1.18 0.00	27.63 0.90 0.00	28.43 0.92 0.00	27.60 0.82 0.00	27.81 0.80 0.00	31.73 0.92 1.00	40.97 1.23 0.00	31.54 1.43 6.28	38.83 1.44 0.11	42.39 1.63 0.00	44.80 1.64 0.00	45.04 1.58 0.00	45.07 1.62 0.00	53.92 1.79 0.00	59.44 2.02 0.00	59.71 2.07 0.00	109.00 4.46 0.00	205.30 8.26 0.00	85.73 3.31 0.00	79.35 2.83 0.00	122.75 3.66 0.00	54.22 2.03 0.00	48.07 1.65 0.00	43.33 1.34 0.00
CPV_VALLEY__CC2 323722	34.61 1.18 0.00	27.63 0.90 0.00	28.43 0.92 0.00	27.60 0.82 0.00	27.81 0.80 0.00	31.73 0.92 1.00	40.97 1.23 0.00	31.54 1.43 6.28	38.83 1.44 0.11	42.39 1.63 0.00	44.80 1.64 0.00	45.04 1.58 0.00	45.07 1.62 0.00	53.92 1.79 0.00	59.44 2.02 0.00	59.71 2.07 0.00	109.00 4.46 0.00	205.30 8.26 0.00	85.73 3.31 0.00	79.35 2.83 0.00	122.75 3.66 0.00	54.22 2.03 0.00	48.07 1.65 0.00	43.33 1.34 0.00
CRESCENT__HYD 24018	34.91 1.48 0.00	27.82 1.10 0.00	28.74 1.24 0.00	27.92 1.15 0.00	28.24 1.23 0.00	33.53 1.44 -0.28	41.63 1.89 0.00	39.89 1.72 -1.78	39.08 1.54 -0.03	42.47 1.72 0.00	45.07 1.91 0.00	45.27 1.81 0.00	45.09 1.64 0.00	53.92 1.79 0.00	59.53 2.11 0.00	59.45 1.81 0.00	108.64 4.10 0.00	204.70 7.66 0.00	85.89 3.47 0.00	79.78 3.26 0.00	124.11 5.02 0.00	54.51 2.31 0.00	48.53 2.11 0.00	43.88 1.89 0.00
CRICKET__VALLEY_CC1 323756	34.76 1.34 0.00	27.60 0.88 0.00	28.45 0.94 0.00	27.62 0.84 0.00	27.90 0.88 0.00	33.52 1.03 -0.68	41.20 1.46 0.00	42.35 1.66 -4.30	39.22 1.63 -0.08	42.60 1.85 0.00	45.15 1.99 0.00	45.34 1.88 0.00	45.30 1.85 0.00	54.14 2.01 0.00	59.72 2.30 0.00	59.84 2.19 0.00	109.72 5.19 0.00	206.69 9.66 0.00	86.34 3.91 0.00	79.73 3.22 0.00	123.37 4.28 0.00	54.37 2.17 0.00	48.22 1.81 0.00	43.56 1.57 0.00
CRICKET__VALLEY_CC2 323757	34.76 1.34 0.00	27.60 0.88 0.00	28.45 0.94 0.00	27.62 0.84 0.00	27.90 0.88 0.00	33.52 1.03 -0.68	41.20 1.46 0.00	42.35 1.66 -4.30	39.22 1.63 -0.08	42.60 1.85 0.00	45.15 1.99 0.00	45.34 1.88 0.00	45.30 1.85 0.00	54.14 2.01 0.00	59.72 2.30 0.00	59.84 2.19 0.00	109.72 5.19 0.00	206.69 9.66 0.00	86.34 3.91 0.00	79.73 3.22 0.00	123.37 4.28 0.00	54.37 2.17 0.00	48.22 1.81 0.00	43.56 1.57 0.00
CRICKET__VALLEY_CC3 323758	34.76 1.34 0.00	27.60 0.88 0.00	28.45 0.94 0.00	27.62 0.84 0.00	27.90 0.88 0.00	33.52 1.03 -0.68	41.20 1.46 0.00	42.35 1.66 -4.30	39.22 1.63 -0.08	42.60 1.85 0.00	45.15 1.99 0.00	45.34 1.88 0.00	45.30 1.85 0.00	54.14 2.01 0.00	59.72 2.30 0.00	59.84 2.19 0.00	109.72 5.19 0.00	206.69 9.66 0.00	86.34 3.91 0.00	79.73 3.22 0.00	123.37 4.28 0.00	54.37 2.17 0.00	48.22 1.81 0.00	43.56 1.57 0.00
CRUCIBLE__METL_DRP 24180	33.92 0.47 -0.02	26.97 0.24 0.00	27.64 0.13 0.00	26.83 0.06 0.00	27.04 0.03 0.00	31.93 0.13 0.00	40.12 0.26 -0.12	38.03 0.31 -1.32	39.48 0.36 -1.62	42.89 0.56 -1.57	44.31 0.53 -0.61	44.76 0.63 -0.67	44.90 0.76 -0.69	55.28 0.85 -2.30	61.52 0.85 -3.25	61.99 1.02 -3.32	112.05 1.90 -5.61	207.45 3.70 -6.71	89.84 1.71 -5.70	85.19 1.98 -6.70	128.54 2.77 -6.68	57.27 1.41 -3.67	48.51 1.31 -0.78	43.16 0.88 -0.29
DAHOWA__HYDRO 323763	35.94 2.52 0.00	28.55 1.83 0.00	29.49 1.98 0.00	28.64 1.87 0.00	28.99 1.98 0.00	34.48 2.40 -0.27	42.92 3.18 0.00	40.98 2.91 -1.68	40.28 2.74 -0.03	43.65 2.89 0.00	46.23 3.07 0.00	46.46 3.00 0.00	46.19 2.74 0.00	55.25 3.12 0.00	61.16 3.74 0.00	61.30 3.65 0.00	111.83 7.29 0.00	211.16 14.13 0.00	88.93 6.51 0.00	82.51 6.00 0.00	128.75 9.66 0.00	56.37 4.17 0.00	50.06 3.64 0.00	45.18 3.19 0.00
DANC__LFGE 323619	33.58 0.14 -0.02	26.46 -0.27 0.00	27.29 -0.21 0.00	26.45 -0.33 0.00	26.91 -0.10 0.00	31.81 0.01 0.00	40.04 0.17 -0.13	38.34 0.47 -1.48	39.94 0.63 -1.80	43.37 0.86 -1.76	44.54 0.70 -0.68	44.77 0.56 -0.75	44.80 0.57 -0.77	55.21 0.52 -2.56	60.82 -0.23 -3.63	60.91 -0.43 -3.70	109.77 -1.02 -6.26	203.03 -1.49 -7.49	89.05 0.26 -6.36	85.53 1.54 -7.48	130.25 3.71 -7.45	57.53 1.24 -4.09	47.73 0.44 -0.87	41.93 -0.38 -0.32
DANSKAMMER__1 23586	35.52 2.09 0.00	28.29 1.56 0.00	29.10 1.59 0.00	28.23 1.45 0.00	28.46 1.45 0.00	33.51 1.70 0.00	42.15 2.41 0.00	39.07 2.68 0.00	40.27 2.76 0.00	43.67 2.91 0.00	46.15 2.99 0.00	46.39 2.94 0.00	46.43 2.98 0.00	55.56 3.43 0.00	61.27 3.85 0.00	61.47 3.83 0.00	112.43 7.88 0.00	211.95 14.91 0.00	88.49 6.07 0.00	81.75 5.23 0.00	126.39 7.30 0.00	55.76 3.56 0.00	49.40 2.98 0.00	44.50 2.51 0.00
DANSKAMMER__2 23589	35.52 2.09 0.00	28.29 1.56 0.00	29.10 1.59 0.00	28.23 1.45 0.00	28.46 1.45 0.00	33.51 1.70 0.00	42.15 2.41 0.00	39.07 2.68 0.00	40.27 2.76 0.00	43.67 2.91 0.00	46.15 2.99 0.00	46.39 2.94 0.00	46.43 2.98 0.00	55.56 3.43 0.00	61.27 3.85 0.00	61.47 3.83 0.00	112.43 7.88 0.00	211.95 14.91 0.00	88.49 6.07 0.00	81.75 5.23 0.00	126.39 7.30 0.00	55.76 3.56 0.00	49.40 2.98 0.00	44.50 2.51 0.00
DANSKAMMER__3 23590	35.52 2.09 0.00	28.29 1.56 0.00	29.10 1.59 0.00	28.23 1.45 0.00	28.46 1.45 0.00	33.51 1.70 0.00	42.15 2.41 0.00	39.07 2.68 0.00	40.27 2.76 0.00	43.67 2.91 0.00	46.15 2.99 0.00	46.39 2.94 0.00	46.43 2.98 0.00	55.56 3.43 0.00	61.27 3.85 0.00	61.47 3.83 0.00	112.43 7.88 0.00	211.95 14.91 0.00	88.49 6.07 0.00	81.75 5.23 0.00	126.39 7.30 0.00	55.76 3.56 0.00	49.40 2.98 0.00	44.50 2.51 0.00

DANSKAMMER___4 23591	35.52 2.09 0.00	28.29 1.56 0.00	29.10 1.59 0.00	28.23 1.45 0.00	28.46 1.45 0.00	33.51 1.70 0.00	42.15 2.41 0.00	39.07 2.68 0.00	40.27 2.76 0.00	43.67 2.91 0.00	46.15 2.99 0.00	46.39 2.94 0.00	46.43 2.98 0.00	55.56 3.43 0.00	61.27 3.85 0.00	61.47 3.83 0.00	112.43 7.88 0.00	211.95 14.91 0.00	88.49 6.07 0.00	81.75 5.23 0.00	126.39 7.30 0.00	55.76 3.56 0.00	49.40 2.98 0.00	44.50 2.51 0.00
DANSKAMMER___DIESEL 23592	35.51 2.09 0.00	28.29 1.57 0.00	29.10 1.59 0.00	28.23 1.45 0.00	28.46 1.45 0.00	33.52 1.71 0.00	42.16 2.41 0.00	39.07 2.68 0.00	40.27 2.76 0.00	43.67 2.91 0.00	46.15 2.99 0.00	46.39 2.93 0.00	46.43 2.98 0.00	55.56 3.43 0.00	61.27 3.85 0.00	61.47 3.82 0.00	112.42 7.88 0.00	211.96 14.93 0.00	88.50 6.07 0.00	81.75 5.23 0.00	126.38 7.29 0.00	55.76 3.56 0.00	49.40 2.98 0.00	44.50 2.51 0.00
DARBY___SOLAR 323810	35.73 2.31 0.00	28.40 1.68 0.00	29.33 1.82 0.00	28.48 1.71 0.00	28.83 1.82 0.00	34.27 2.19 -0.27	42.64 2.90 0.00	40.74 2.65 -1.70	40.01 2.48 -0.03	43.38 2.63 0.00	45.94 2.78 0.00	46.16 2.70 0.00	45.90 2.45 0.00	54.93 2.80 0.00	60.79 3.38 0.00	60.94 3.29 0.00	111.11 6.57 0.00	209.67 12.64 0.00	88.33 5.90 0.00	81.97 5.45 0.00	127.82 8.73 0.00	56.01 3.81 0.00	49.75 3.33 0.00	44.91 2.92 0.00
DASHVILLE___HYD 23610	35.01 1.59 0.00	27.93 1.21 0.00	28.74 1.23 0.00	27.89 1.12 0.00	28.10 1.09 0.00	33.09 1.28 0.00	41.45 1.70 0.00	38.35 1.95 0.00	39.56 2.05 0.00	43.07 2.31 0.00	45.56 2.40 0.00	45.79 2.33 0.00	45.81 2.36 0.00	54.81 2.68 0.00	60.48 3.06 0.00	60.57 2.92 0.00	110.81 6.27 0.00	208.98 11.94 0.00	87.21 4.79 0.00	80.60 4.09 0.00	124.54 5.45 0.00	55.03 2.83 0.00	48.78 2.36 0.00	43.93 1.94 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	35.98 1.96 -0.60	30.04 1.87 -1.44	29.75 1.88 -0.36	40.15 1.80 -11.59	28.76 1.75 0.00	39.00 2.08 -5.12	42.54 2.80 0.00	49.80 2.88 -10.53	40.78 3.08 -0.19	43.64 2.88 0.00	46.21 3.05 0.00	45.92 2.49 0.03	46.15 2.69 0.00	55.18 3.05 0.00	60.57 3.15 0.00	60.90 3.25 0.00	110.80 6.83 0.56	214.66 17.63 0.00	89.72 7.29 0.00	82.43 5.91 0.00	241.81 10.68 -112.04	99.70 5.12 -42.39	74.05 4.73 -22.89	45.75 3.76 0.00
DELAWARE___LFGE 323621	34.56 1.13 0.00	27.66 0.93 0.00	28.44 0.93 0.00	27.65 0.87 0.00	27.88 0.86 0.00	32.86 1.05 0.00	41.08 1.32 -0.02	38.02 1.40 -0.23	39.12 1.34 -0.28	42.66 1.63 -0.27	44.92 1.65 -0.10	45.21 1.64 -0.11	45.27 1.70 -0.12	54.36 1.83 -0.39	59.92 1.95 -0.56	60.11 1.90 -0.57	109.16 3.66 -0.96	204.94 6.75 -1.15	86.27 2.87 -0.98	80.50 2.84 -1.15	124.23 4.00 -1.15	55.00 2.18 -0.63	48.52 1.97 -0.13	43.63 1.59 -0.05
DERFIELD_115KV_TB7 355931	33.65 0.23 0.00	26.91 0.18 0.00	27.70 0.20 0.00	26.93 0.16 0.00	27.19 0.17 0.00	32.03 0.22 0.00	40.03 0.28 0.00	36.72 0.32 0.00	37.79 0.28 0.00	41.11 0.35 0.00	43.53 0.37 0.00	43.82 0.36 0.00	43.79 0.34 0.00	52.44 0.31 0.00	57.76 0.34 0.00	57.94 0.29 0.00	105.26 0.72 0.00	198.34 1.30 0.00	83.01 0.58 0.00	77.12 0.60 0.00	119.94 0.86 0.00	52.71 0.51 0.00	46.89 0.47 0.00	42.32 0.33 0.00
DOGLEVILLE___HYD 23807	34.23 0.80 0.00	27.34 0.61 0.00	28.22 0.71 0.00	27.41 0.64 0.00	27.70 0.69 0.00	32.69 0.88 0.00	40.92 1.18 0.00	37.64 1.25 0.00	38.50 0.99 0.00	41.99 1.23 0.00	44.48 1.32 0.00	44.56 1.10 0.00	44.31 0.86 0.00	53.14 1.01 0.00	58.82 1.40 0.00	57.92 0.27 0.00	106.31 1.77 0.00	199.43 2.39 0.00	84.06 1.64 0.00	78.63 2.12 0.00	122.28 3.19 0.00	53.97 1.76 0.00	48.03 1.62 0.00	43.28 1.29 0.00
DUNKIRK___115KV_TB_200 55889	35.74 2.32 0.00	28.00 1.27 0.00	28.17 0.66 0.00	27.22 0.44 0.00	27.19 0.17 0.00	32.20 0.39 0.00	40.51 0.76 0.00	37.21 0.82 0.00	38.77 1.26 0.00	43.08 2.32 0.00	45.45 2.28 0.00	46.11 2.65 0.00	46.57 3.11 0.00	55.95 3.82 0.00	61.33 3.91 0.00	62.69 5.04 0.00	112.53 7.99 0.00	212.61 15.57 0.00	88.34 5.92 0.00	83.48 6.96 0.00	129.33 10.25 0.00	60.78 5.20 -3.38	59.99 5.78 -7.79	46.65 4.66 0.00
DUNKIRK___1 23563	35.74 2.32 0.00	28.00 1.27 0.00	28.17 0.66 0.00	27.22 0.44 0.00	27.19 0.17 0.00	32.20 0.39 0.00	40.51 0.76 0.00	37.21 0.82 0.00	38.77 1.26 0.00	43.08 2.32 0.00	45.45 2.28 0.00	46.11 2.65 0.00	46.57 3.11 0.00	55.95 3.82 0.00	61.33 3.91 0.00	62.69 5.04 0.00	112.53 7.99 0.00	212.61 15.57 0.00	88.34 5.92 0.00	83.48 6.96 0.00	129.33 10.25 0.00	60.78 5.20 -3.38	59.99 5.78 -7.79	46.65 4.66 0.00
DUNKIRK___2 23564	35.74 2.32 0.00	28.00 1.27 0.00	28.17 0.66 0.00	27.22 0.44 0.00	27.19 0.17 0.00	32.20 0.39 0.00	40.51 0.76 0.00	37.21 0.82 0.00	38.77 1.26 0.00	43.08 2.32 0.00	45.45 2.28 0.00	46.11 2.65 0.00	46.57 3.11 0.00	55.95 3.82 0.00	61.33 3.91 0.00	62.69 5.04 0.00	112.53 7.99 0.00	212.61 15.57 0.00	88.34 5.92 0.00	83.48 6.96 0.00	129.33 10.25 0.00	60.78 5.20 -3.38	59.99 5.78 -7.79	46.65 4.66 0.00
DUNKIRK___3 23565	35.50 2.08 0.00	27.81 1.09 0.00	27.97 0.46 0.00	27.03 0.25 0.00	27.06 0.05 0.00	32.05 0.24 0.00	40.25 0.51 0.00	36.91 0.51 0.00	38.42 0.91 0.00	42.67 1.91 0.00	45.03 1.86 0.00	45.74 2.28 0.00	46.15 2.70 0.00	55.35 3.22 0.00	60.72 3.30 0.00	62.11 4.46 0.00	111.47 6.93 0.00	210.54 13.50 0.00	87.41 4.99 0.00	82.56 6.05 0.00	128.10 9.01 0.00	60.26 4.71 -3.35	59.54 5.40 -7.72	46.32 4.33 0.00
DUNKIRK___4 23566	35.50 2.08 0.00	27.81 1.09 0.00	27.97 0.46 0.00	27.03 0.25 0.00	27.06 0.05 0.00	32.05 0.24 0.00	40.25 0.51 0.00	36.91 0.51 0.00	38.42 0.91 0.00	42.67 1.91 0.00	45.03 1.86 0.00	45.74 2.28 0.00	46.15 2.70 0.00	55.35 3.22 0.00	60.72 3.30 0.00	62.11 4.46 0.00	111.47 6.93 0.00	210.54 13.50 0.00	87.41 4.99 0.00	82.56 6.05 0.00	128.10 9.01 0.00	60.26 4.71 -3.35	59.54 5.40 -7.72	46.32 4.33 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.36 1.94 0.00	28.20 1.47 0.00	28.98 1.48 0.00	28.12 1.35 0.00	28.34 1.33 0.00	35.03 1.56 -1.66	41.82 2.08 0.00	49.14 2.33 -10.42	40.09 2.40 -0.19	43.39 2.63 0.00	45.83 2.67 0.00	46.08 2.62 0.00	46.18 2.73 0.00	55.20 3.07 0.00	60.89 3.47 0.00	61.08 3.43 0.00	111.67 7.13 0.00	210.53 13.50 0.00	87.76 5.33 0.00	81.04 4.53 0.00	125.24 6.16 0.00	55.39 3.20 0.00	49.08 2.66 0.00	44.23 2.24 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.18 1.76 0.00	28.03 1.31 0.00	28.84 1.33 0.00	27.98 1.21 0.00	28.20 1.19 0.00	32.70 1.39 0.50	41.65 1.91 0.00	35.31 2.12 3.20	39.63 2.18 0.06	43.15 2.39 0.00	45.61 2.45 0.00	45.85 2.39 0.00	45.90 2.45 0.00	54.94 2.81 0.00	60.54 3.12 0.00	60.78 3.14 0.00	111.13 6.59 0.00	209.44 12.40 0.00	87.47 5.05 0.00	80.87 4.36 0.00	125.01 5.92 0.00	55.20 3.00 0.00	48.89 2.48 0.00	44.04 2.05 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	35.57 2.15 0.00	28.31 1.59 0.00	29.12 1.61 0.00	28.26 1.48 0.00	28.46 1.45 0.00	35.20 1.72 -1.66	42.06 2.32 0.00	49.40 2.57 -10.43	40.31 2.61 -0.19	43.56 2.80 0.00	46.04 2.88 0.00	46.28 2.82 0.00	46.27 2.81 0.00	55.37 3.24 0.00	61.06 3.64 0.00	61.24 3.60 0.00	111.79 7.25 0.00	210.47 13.44 0.00	87.77 5.35 0.00	81.00 4.49 0.00	125.00 5.90 -0.01	55.39 3.20 0.00	49.14 2.72 0.00	44.32 2.33 0.00
E179THST_13_KV_LOAD 356214	35.81 2.39 0.00	28.50 1.77 0.00	29.30 1.79 0.00	28.43 1.66 0.00	28.64 1.62 0.00	35.41 1.93 -1.66	42.34 2.59 0.00	49.65 2.83 -10.43	40.59 2.89 -0.19	43.86 3.10 0.00	46.37 3.21 0.00	46.60 3.14 0.00	46.60 3.15 0.00	55.78 3.65 0.00	61.54 4.12 0.00	61.71 4.06 0.00	112.69 8.15 0.00	212.19 15.15 0.00	88.46 6.04 0.00	81.67 5.16 0.00	126.04 6.94 -0.01	55.83 3.63 0.00	49.52 3.10 0.00	44.65 2.66 0.00
EAST HAMPTON___GT 23717	35.74 1.72 -0.60	29.85 1.68 -1.44	29.56 1.69 -0.37	39.96 1.60 -11.59	28.57 1.56 0.00	38.78 1.86 -5.12	42.39 2.65 0.00	49.80 2.88 -10.53	40.77 3.07 -0.19	43.35 2.59 0.00	45.87 2.71 0.00	45.57 2.14 0.03	45.81 2.36 0.00	54.67 2.54 0.00	59.89 2.47 0.00	60.33 2.68 0.00	109.79 5.82 0.56	212.79 15.76 0.00	88.83 6.41 0.00	81.48 4.97 0.00	240.13 8.92 -112.12	98.92 4.33 -42.40	73.77 4.45 -22.90	45.43 3.44 0.00
EAST RIVER___6 23660	35.59 2.17 0.00	28.37 1.65 0.00	29.14 1.63 0.00	28.26 1.49 0.00	28.43 1.41 0.00	35.17 1.70 -1.66	42.00 2.26 0.00	49.41 2.58 -10.44	40.42 2.72 -0.19	43.73 2.97 0.00	46.18 3.02 0.00	46.48 3.03 0.00	46.68 3.23 0.00	55.74 3.61 0.00	61.51 4.09 0.00	61.67 4.02 0.00	112.75 8.21 0.00	212.36 15.33 0.00	88.36 5.94 0.00	81.42 4.90 0.00	125.81 6.72 0.00	55.63 3.43 0.00	49.30 2.88 0.00	44.43 2.44 0.00
EAST RIVER___7 23524	35.59 2.17 0.00	28.37 1.65 0.00	29.14 1.63 0.00	28.26 1.49 0.00	28.43 1.41 0.00	35.17 1.70 -1.66	42.00 2.26 0.00	49.41 2.58 -10.44	40.42 2.72 -0.19	43.73 2.97 0.00	46.18 3.02 0.00	46.48 3.03 0.00	46.68 3.23 0.00	55.74 3.61 0.00	61.51 4.09 0.00	61.67 4.02 0.00	112.75 8.21 0.00	212.36 15.33 0.00	88.36 5.94 0.00	81.42 4.90 0.00	125.81 6.72 0.00	55.63 3.43 0.00	49.30 2.88 0.00	44.43 2.44 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.27 1.85 0.00	28.12 1.40 0.00	28.92 1.41 0.00	28.05 1.28 0.00	28.27 1.25 0.00	35.06 1.48 -1.78	41.73 1.99 0.00	49.74 2.21 -11.13	39.99 2.28 -0.20	43.27 2.51 0.00	45.71 2.55 0.00	45.95 2.49 0.00	46.05 2.59 0.00	55.04 2.91 0.00	60.73 3.31 0.00	60.92 3.27 0.00	111.39 6.85 0.00	209.98 12.94 0.00	87.54 5.12 0.00	80.86 4.35 0.00	125.00 5.91 0.00	55.25 3.06 0.00	48.95 2.54 0.00	44.12 2.13 0.00
EAST_HAMPTON___DIESEL 23722	35.63 1.61 -0.60	29.77 1.60 -1.44	29.47 1.60 -0.37	39.88 1.52 -11.59	28.50 1.48 0.00	38.69 1.77 -5.12	42.30 2.55 0.00	49.71 2.79 -10.53	40.69 2.99 -0.19	43.26 2.50 0.00	45.78 2.62 0.00	45.47 2.04 0.03	45.72 2.27 0.00	54.54 2.41 0.00	59.73 2.31 0.00	60.19 2.54 0.00	109.52 5.55 0.56	212.33 15.30 0.00	88.62 6.20 0.00	81.28 4.77 0.00	239.77 8.56 -112.12	98.77 4.17 -42.40	73.61 4.29 -22.90	45.30 3.30 0.00
EAST_POINT___SOLAR 323840	35.89 2.47 0.00	28.61 1.88 0.00	29.33 1.82 0.00	28.50 1.73 0.00	28.79 1.78 0.00	33.96 2.15 0.00	42.49 2.75 0.00	38.91 2.51 0.00	39.66 2.15 0.00	43.34 2.58 0.00	45.58 2.41 0.00	45.58 2.12 0.00	45.21 1.76 0.00	54.61 2.48 0.00	60.25 2.84 0.00	60.52 2.88 0.00	110.01 5.47 0.00	208.06 11.02 0.00	87.61 5.18 0.00	82.43 4.35 0.00	129.08 5.99 0.00	56.80 4.60 0.00	50.32 3.90 0.00	45.23 3.24 0.00
EAST_PULASKI___ESR 323781	33.50 0.05 -0.03	26.54 -0.19 0.00	27.27 -0.24 0.00	26.46 -0.32 0.00	26.78 -0.23 0.00	31.63 -0.18 0.00	39.81 -0.12 -0.18	38.53 0.02 -2.11	40.12 0.04 -2.58	43.46 0.19 -2.51	44.20 0.07 -0.97	44.55 0.01 -1.08	44.66 0.11 -1.10	55.77 -0.03 -3.67	62.26 -0.35 -5.20	62.63 -0.32 -5.30	112.72 -0.77 -8.95	206.54 -1.21 -10.72	91.46 -0.07 -9.11	87.92 0.70 -10.70	131.33 1.58 -10.67	58.69 0.64 -5.86	48.04 0.37 -1.25	42.34 -0.11 -0.46
EAST_RIVER___1 323558	35.52 2.09 0.00	28.31 1.58 0.00	29.08 1.57 0.00	28.19 1.42 0.00	28.40 1.38 0.00	35.11 1.64 -1.66	41.94 2.20 0.00	49.33 2.50 -10.44	40.32 2.62 -0.19	43.62 2.86 0.00	46.06 2.90 0.00	46.34 2.88 0.00	46.50 3.05 0.00	55.53 3.40 0.00	61.26 3.84 0.00	61.41 3.76 0.00	112.29 7.75 0.00	211.57 14.54 0.00	88.11 5.68 0.00	81.25 4.74 0.00	125.48 6.40 0.00	55.57 3.37 0.00	49.20 2.78 0.00	44.36 2.37 0.00
EAST_RIVER___2 323559	35.59 2.17 0.00	28.37 1.65 0.00	29.14 1.63 0.00	28.26 1.49 0.00	28.43 1.41 0.00	35.17 1.70 -1.66	42.00 2.26 0.00	49.41 2.58 -10.44	40.42 2.72 -0.19	43.73 2.97 0.00	46.18 3.02 0.00	46.48 3.03 0.00	46.68 3.23 0.00	55.74 3.61 0.00	61.51 4.09 0.00	61.67 4.02 0.00	112.75 8.21 0.00	212.36 15.33 0.00	88.36 5.94 0.00	81.42 4.90 0.00	125.81 6.72 0.00	55.63 3.43 0.00	49.30 2.88 0.00	44.43 2.44 0.00
EAST___DELAWARE_HYD 23607	34.32 0.89 0.00	27.35 0.62 0.00	28.11 0.60 0.00	27.27 0.50 0.00	27.47 0.46 0.00	32.00 0.54 0.34	40.54 0.79 0.00	35.31 1.10 2.19	38.60 1.13 0.04	42.08 1.31 0.00	44.45 1.29 0.00	44.67 1.22 0.00	44.77 1.32 0.00	53.74 1.61 0.00	59.05 1.64 0.00	59.27 1.62 0.00	108.52 3.98 0.00	204.61 7.58 0.00	85.72 3.30 0.00	79.28 2.76 0.00	122.58 3.49 0.00	54.06 1.86 0.00	47.79 1.37 0.00	42.97 0.98 0.00
EIGHT_POINT___WT_PWR 323820	34.95 1.52 0.00	27.56 0.84 0.00	27.98 0.47 0.00	27.15 0.38 0.00	27.23 0.21 0.00	32.39 0.58 0.00	40.47 0.70 -0.02	37.07 0.40 -0.28	38.25 0.40 -0.34	41.93 0.80 -0.37	44.16 0.85 -0.14	44.70 1.10 -0.14	44.53 0.94 -0.14	53.21 0.59 -0.48	58.56 0.46 -0.69	59.52 1.18 -0.70	108.16 2.44 -1.18	202.81 4.36 -1.41	85.54 1.91 -1.20	82.18 4.26 -1.41	127.55 7.05 -1.41	57.87 3.47 -2.20	53.99 4.12 -3.45	44.76 2.70 -0.06
ELBRIDGE_115KV_TB2 80188	33.76 0.32 -0.02	26.84 0.11 0.00	27.50 -0.01 0.00	26.70 -0.07 0.00	26.90 -0.12 0.00	31.75 -0.06 0.00	39.86 0.00 -0.12	37.87 0.07 -1.40	39.32 0.10 -1.71	42.75 0.33 -1.67	44.07 0.26 -0.64	44.51 0.34 -0.72	44.66 0.48 -0.73	55.06 0.50 -2.44	61.34 0.47 -3.45	61.78 0.61 -3.52	111.69 1.19 -5.95	206.53 2.37 -7.12	89.66 1.18 -6.05	85.16 1.53 -7.11	128.20 2.02 -7.08	57.25 1.15 -3.89	48.40 1.15 -0.83	43.04 0.75 -0.30
ELEC_TRO_TEK 24086	36.19 2.17 -0.60	29.98 1.81 -1.44	29.69 1.82 -0.36	40.06 1.71 -11.59	28.68 1.67 0.00	38.91 1.99 -5.12	42.33 2.59 0.00	49.68 2.76 -10.53	40.54 2.84 -0.19	43.63 2.87 0.00	45.95 2.78 0.00	45.97 2.52 0.01	46.14 2.69 0.00	55.21 3.08 0.00	60.92 3.51 0.00	61.11 3.47 0.00	110.85 7.28 0.97	212.25 15.22 0.00	88.50 6.08 0.00	81.56 5.04 0.00	129.01 7.35 -2.57	86.51 3.82 -30.49	80.82 3.28 -31.12	44.74 2.75 0.00

ELLENBURG_WT_PWR 323604	33.25 -0.17 0.00	26.55 -0.18 0.00	27.15 -0.36 0.00	26.41 -0.36 0.00	26.50 -0.51 0.00	30.84 -0.96 0.00	38.97 -0.78 0.00	35.67 -0.72 0.00	37.05 -0.45 0.00	40.67 -0.09 0.00	43.47 0.31 0.00	43.30 -0.16 0.00	42.92 -0.53 0.00	51.93 -0.20 0.00	56.95 -0.47 0.00	56.74 -0.91 0.00	101.45 -3.09 0.00	194.60 -2.44 0.00	81.23 -1.20 0.00	74.31 -2.20 0.00	116.17 -2.92 0.00	50.50 -1.70 0.00	44.71 -1.71 0.00	40.73 -1.26 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.06 1.63 0.00	27.49 0.77 0.00	27.58 0.07 0.00	26.64 -0.13 0.00	26.79 -0.23 0.00	31.70 -0.11 0.00	39.65 -0.10 0.00	36.15 -0.24 0.00	37.59 0.08 0.00	41.71 0.95 0.00	44.21 1.05 0.00	45.10 1.64 0.00	45.46 2.01 0.00	54.25 2.12 0.00	59.63 2.21 0.00	61.19 3.54 0.00	109.46 4.92 0.00	206.68 9.64 0.00	85.67 3.25 0.00	80.84 4.33 0.00	125.84 6.75 0.00	59.48 3.91 -3.37	59.09 4.94 -7.73	45.90 3.91 0.00
EMPIRE_CC_1 323656	34.21 0.79 0.00	27.32 0.59 0.00	28.34 0.83 0.00	27.52 0.75 0.00	27.80 0.78 0.00	32.96 0.79 -0.36	40.79 1.05 0.00	39.61 0.95 -2.27	38.32 0.77 -0.04	41.62 0.86 0.00	44.16 0.99 0.00	44.32 0.86 0.00	44.14 0.69 0.00	52.75 0.62 0.00	58.20 0.78 0.00	58.11 0.46 0.00	106.28 1.74 0.00	200.08 3.04 0.00	83.83 1.41 0.00	77.80 1.29 0.00	120.95 1.86 0.00	53.21 1.01 0.00	47.40 0.98 0.00	42.96 0.97 0.00
EMPIRE_CC_2 323658	34.21 0.79 0.00	27.32 0.59 0.00	28.34 0.83 0.00	27.52 0.75 0.00	27.80 0.78 0.00	32.96 0.79 -0.36	40.79 1.05 0.00	39.61 0.95 -2.27	38.32 0.77 -0.04	41.62 0.86 0.00	44.16 0.99 0.00	44.32 0.86 0.00	44.14 0.69 0.00	52.75 0.62 0.00	58.20 0.78 0.00	58.11 0.46 0.00	106.28 1.74 0.00	200.08 3.04 0.00	83.83 1.41 0.00	77.80 1.29 0.00	120.95 1.86 0.00	53.21 1.01 0.00	47.40 0.98 0.00	42.96 0.97 0.00
ENORWICH_115KV_TB1 80156	35.92 2.49 -0.01	28.58 1.85 0.00	29.26 1.75 0.00	28.64 1.87 0.00	28.79 1.78 0.00	34.10 2.29 0.00	43.02 3.24 -0.05	40.26 3.35 -0.53	41.78 3.63 -0.64	45.86 4.47 -0.63	47.95 4.54 -0.24	47.85 4.12 -0.27	48.30 4.58 -0.27	57.94 4.90 -0.92	63.37 4.66 -1.29	63.43 4.47 -1.32	115.65 8.88 -2.23	215.73 16.03 -2.67	92.29 7.60 -2.27	87.97 8.79 -2.66	134.90 13.16 -2.66	59.71 6.06 -1.46	52.11 5.38 -0.31	46.39 4.28 -0.11
ERIE_ST_34_KV_TB1-2 80199	35.45 2.02 0.00	27.75 1.02 0.00	27.82 0.31 0.00	26.87 0.09 0.00	27.03 0.02 0.00	32.02 0.21 0.00	40.08 0.34 0.00	36.64 0.25 0.00	38.11 0.61 0.00	42.33 1.57 0.00	44.80 1.64 0.00	45.69 2.23 0.00	46.10 2.65 0.00	55.04 2.91 0.00	60.59 3.18 0.00	62.20 4.55 0.00	111.58 7.04 0.00	210.89 13.85 0.00	87.42 4.99 0.00	82.43 5.92 0.00	128.12 9.03 0.00	60.74 4.78 -3.76	60.64 5.54 -8.68	46.38 4.39 0.00
ERIE_WT_PWR 323693	35.30 1.88 0.00	27.67 0.94 0.00	27.76 0.25 0.00	26.81 0.04 0.00	26.97 -0.05 0.00	31.91 0.10 0.00	39.93 0.18 0.00	36.42 0.03 0.00	37.87 0.36 0.00	42.01 1.26 0.00	44.54 1.37 0.00	45.39 1.94 0.00	45.75 2.29 0.00	54.62 2.49 0.00	60.06 2.65 0.00	61.61 3.97 0.00	110.19 5.65 0.00	208.42 11.39 0.00	86.38 3.95 0.00	81.59 5.07 0.00	126.98 7.89 0.00	60.30 4.40 -3.70	60.29 5.32 -8.55	46.18 4.19 0.00
ESPRGFLD_115KV_TB1 80157	35.32 1.90 0.00	28.19 1.46 0.00	28.87 1.36 0.00	28.08 1.31 0.00	28.33 1.32 0.00	33.40 1.58 0.00	41.80 2.05 0.00	38.55 2.15 0.00	39.68 2.17 0.00	43.33 2.57 0.00	45.78 2.61 0.00	46.17 2.71 0.00	46.20 2.75 0.00	55.24 3.11 0.00	60.95 3.53 0.00	61.15 3.51 0.00	110.66 6.12 0.00	208.77 11.73 0.00	87.44 5.02 0.00	81.61 5.10 0.00	126.93 7.84 0.00	55.92 3.72 0.00	49.67 3.25 0.00	44.66 2.67 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.69 1.26 -0.01	27.56 0.84 0.00	28.21 0.70 0.00	27.41 0.64 0.00	27.62 0.60 0.00	32.62 0.82 0.00	40.98 1.17 -0.06	38.35 1.23 -0.73	39.72 1.31 -0.89	43.36 1.73 -0.87	45.15 1.65 -0.34	45.35 1.52 -0.37	45.58 1.75 -0.38	55.37 1.97 -1.27	61.23 2.01 -1.80	61.53 2.05 -1.84	111.88 4.23 -3.10	208.55 7.80 -3.71	89.19 3.61 -3.16	84.36 4.14 -3.71	128.98 6.20 -3.69	57.21 2.99 -2.03	49.60 2.75 -0.43	44.21 2.06 -0.16
ETNA____115KV_TB2 80207	34.69 1.26 -0.01	27.56 0.84 0.00	28.21 0.70 0.00	27.41 0.64 0.00	27.62 0.60 0.00	32.62 0.82 0.00	40.98 1.17 -0.06	38.35 1.23 -0.73	39.72 1.31 -0.89	43.36 1.73 -0.87	45.15 1.65 -0.34	45.35 1.52 -0.37	45.58 1.75 -0.38	55.37 1.97 -1.27	61.23 2.01 -1.80	61.53 2.05 -1.84	111.88 4.23 -3.10	208.55 7.80 -3.71	89.19 3.61 -3.16	84.36 4.14 -3.71	128.98 6.20 -3.69	57.21 2.99 -2.03	49.60 2.75 -0.43	44.21 2.06 -0.16
EUCLID____115KV_TB2 356179	33.48 0.05 -0.01	26.64 -0.08 0.00	27.30 -0.21 0.00	26.51 -0.26 0.00	26.74 -0.27 0.00	31.55 -0.25 0.00	39.55 -0.24 -0.05	36.85 -0.15 -0.60	38.12 -0.12 -0.73	41.54 0.07 -0.72	43.47 0.03 -0.28	43.87 0.10 -0.31	43.98 0.21 -0.31	53.36 0.18 -1.05	59.04 0.14 -1.48	59.46 0.30 -1.51	107.62 0.53 -2.55	201.24 1.15 -3.05	85.54 0.52 -2.60	80.40 0.84 -3.05	123.22 1.10 -3.04	54.53 0.66 -1.67	47.46 0.69 -0.36	42.47 0.35 -0.13
E_CANADA_CAP_HY 24051	35.58 2.16 0.00	28.39 1.67 0.00	29.08 1.58 0.00	28.29 1.51 0.00	28.56 1.55 0.00	33.66 1.86 0.00	42.12 2.38 0.00	38.78 2.39 0.00	39.76 2.26 0.00	43.33 2.57 0.00	45.74 2.58 0.00	46.22 2.76 0.00	46.04 2.59 0.00	55.09 2.96 0.00	60.97 3.55 0.00	61.09 3.45 0.00	110.19 5.65 0.00	208.93 11.90 0.00	87.43 5.01 0.00	81.71 5.20 0.00	127.56 8.47 0.00	56.16 3.96 0.00	49.82 3.40 0.00	44.85 2.86 0.00
E_CANADA_MHWK_HY 24050	34.23 0.80 0.00	27.34 0.61 0.00	28.22 0.71 0.00	27.41 0.64 0.00	27.70 0.69 0.00	32.69 0.88 0.00	40.92 1.18 0.00	37.64 1.25 0.00	38.50 0.99 0.00	41.99 1.23 0.00	44.48 1.32 0.00	44.56 1.10 0.00	44.31 0.86 0.00	53.14 1.01 0.00	58.82 1.40 0.00	57.92 0.27 0.00	106.31 1.77 0.00	199.43 2.39 0.00	84.06 1.64 0.00	78.63 2.12 0.00	122.28 3.19 0.00	53.97 1.76 0.00	48.03 1.62 0.00	43.28 1.29 0.00
E_FISHKILL____LBMP 23776	34.99 1.57 0.00	27.89 1.16 0.00	28.70 1.20 0.00	27.86 1.09 0.00	28.09 1.08 0.00	33.65 1.26 -0.58	41.45 1.70 0.00	41.92 1.90 -3.63	39.48 1.91 -0.07	42.89 2.13 0.00	45.35 2.19 0.00	45.56 2.10 0.00	45.57 2.12 0.00	54.47 2.34 0.00	60.08 2.66 0.00	60.25 2.60 0.00	110.15 5.61 0.00	207.56 10.52 0.00	86.62 4.20 0.00	80.07 3.56 0.00	123.82 4.73 0.00	54.71 2.51 0.00	48.55 2.13 0.00	43.79 1.80 0.00
FALCON____SEABRD_CC1 323796	33.44 0.02 0.00	26.77 0.04 0.00	27.43 -0.08 0.00	26.73 -0.04 0.00	26.81 -0.20 0.00	31.18 -0.63 0.00	39.25 -0.50 0.00	35.89 -0.50 0.00	37.18 -0.32 0.00	40.75 -0.02 0.00	43.53 0.36 0.00	43.44 -0.02 0.00	43.09 -0.36 0.00	52.00 -0.13 0.00	56.85 -0.56 0.00	56.74 -0.91 0.00	101.84 -2.70 0.00	194.45 -2.59 0.00	81.18 -1.24 0.00	74.36 -2.15 0.00	116.34 -2.74 0.00	50.81 -1.39 0.00	44.99 -1.43 0.00	41.00 -0.99 0.00

FALCON___SEABRD_CC2 323797	33.44 0.02 0.00	26.77 0.04 0.00	27.43 -0.08 0.00	26.73 -0.04 0.00	26.81 -0.20 0.00	31.18 -0.63 0.00	39.25 -0.50 0.00	35.89 -0.50 0.00	37.18 -0.32 0.00	40.75 -0.02 0.00	43.53 0.36 0.00	43.44 -0.02 0.00	43.09 -0.36 0.00	52.00 -0.13 0.00	56.85 -0.56 0.00	56.74 -0.91 0.00	101.84 -2.70 0.00	194.45 -2.59 0.00	81.18 -1.24 0.00	74.36 -2.15 0.00	116.34 -2.74 0.00	50.81 -1.39 0.00	44.99 -1.43 0.00	41.00 -0.99 0.00
FAR ROCKAWAY___4 23548	36.87 2.85 -0.60	30.47 2.31 -1.44	30.18 2.31 -0.36	40.52 2.16 -11.59	29.14 2.13 0.00	39.46 2.54 -5.12	43.02 3.28 0.00	50.31 3.39 -10.53	41.22 3.52 -0.19	44.42 3.66 0.00	46.78 3.61 0.00	46.78 3.32 0.00	46.67 3.21 0.00	55.94 3.81 0.00	61.75 4.33 0.00	61.53 3.88 0.00	112.55 8.01 0.00	215.68 18.65 0.00	89.67 7.24 0.00	82.45 5.94 0.00	130.85 9.19 -2.57	88.32 4.68 -31.44	94.81 4.12 -44.28	45.70 3.71 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.54 2.12 0.00	28.32 1.60 0.00	29.09 1.58 0.00	28.21 1.44 0.00	28.42 1.41 0.00	35.14 1.67 -1.66	41.97 2.23 0.00	49.35 2.52 -10.44	40.33 2.64 -0.19	43.65 2.89 0.00	46.10 2.93 0.00	46.36 2.90 0.00	46.50 3.04 0.00	55.52 3.39 0.00	61.25 3.83 0.00	61.39 3.74 0.00	112.27 7.73 0.00	211.54 14.50 0.00	88.10 5.68 0.00	81.26 4.74 0.00	125.52 6.43 0.00	55.59 3.39 0.00	49.22 2.80 0.00	44.37 2.37 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.57 2.15 0.00	28.35 1.62 0.00	29.12 1.61 0.00	28.24 1.47 0.00	28.44 1.43 0.00	35.17 1.70 -1.66	42.01 2.27 0.00	49.38 2.55 -10.44	40.37 2.67 -0.19	43.67 2.91 0.00	46.12 2.96 0.00	46.38 2.92 0.00	46.52 3.07 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.44 3.79 0.00	112.34 7.80 0.00	211.73 14.70 0.00	88.19 5.76 0.00	81.35 4.84 0.00	125.68 6.59 0.00	55.65 3.46 0.00	49.29 2.87 0.00	44.43 2.43 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.51 2.09 0.00	28.29 1.57 0.00	29.07 1.57 0.00	28.20 1.42 0.00	28.40 1.39 0.00	35.12 1.65 -1.66	41.95 2.20 0.00	49.33 2.50 -10.44	40.31 2.61 -0.19	43.61 2.85 0.00	46.05 2.89 0.00	46.31 2.85 0.00	46.46 3.01 0.00	55.47 3.34 0.00	61.19 3.78 0.00	61.34 3.69 0.00	112.17 7.62 0.00	211.34 14.30 0.00	88.02 5.60 0.00	81.18 4.67 0.00	125.39 6.30 0.00	55.54 3.34 0.00	49.17 2.75 0.00	44.33 2.34 0.00
FARRAGUT___LBMP 323566	35.48 2.06 0.00	28.28 1.55 0.00	29.05 1.55 0.00	28.17 1.40 0.00	28.37 1.36 0.00	35.09 1.62 -1.66	41.91 2.17 0.00	49.29 2.46 -10.44	40.26 2.56 -0.19	43.56 2.80 0.00	46.00 2.84 0.00	46.25 2.80 0.00	46.39 2.94 0.00	55.39 3.26 0.00	61.10 3.69 0.00	61.26 3.61 0.00	112.00 7.46 0.00	211.09 14.05 0.00	87.92 5.50 0.00	81.10 4.59 0.00	125.27 6.18 0.00	55.48 3.28 0.00	49.13 2.71 0.00	44.30 2.31 0.00
FENNER___WINDPWR 24204	34.41 0.98 -0.01	27.38 0.66 0.00	28.12 0.61 0.00	27.33 0.55 0.00	27.61 0.60 0.00	32.62 0.81 0.00	40.89 1.09 -0.05	38.12 1.16 -0.57	39.46 1.26 -0.70	43.07 1.64 -0.68	45.12 1.69 -0.26	45.39 1.64 -0.29	45.35 1.60 -0.30	54.89 1.77 -0.99	60.69 1.87 -1.40	61.07 2.00 -1.43	110.46 3.50 -2.42	207.12 7.18 -2.90	87.99 3.10 -2.46	82.84 3.43 -2.89	127.34 5.37 -2.89	56.18 2.39 -1.58	48.82 2.06 -0.34	43.62 1.51 -0.12
FIBERTEK___ENERGY 23856	33.92 0.47 -0.02	26.97 0.24 0.00	27.64 0.13 0.00	26.83 0.06 0.00	27.04 0.03 0.00	31.93 0.13 0.00	40.12 0.26 -0.12	38.03 0.31 -1.32	39.48 0.36 -1.62	42.89 0.56 -1.57	44.31 0.53 -0.61	44.76 0.63 -0.67	44.90 0.76 -0.69	55.28 0.85 -2.30	61.52 0.85 -3.25	61.99 1.02 -3.32	112.05 1.90 -5.61	207.45 3.70 -6.71	89.84 1.71 -5.70	85.19 1.98 -6.70	128.54 2.77 -6.68	57.27 1.41 -3.67	48.51 1.31 -0.78	43.16 0.88 -0.29
FITZPATRICK____ 23598	32.68 -0.63 0.11	26.13 -0.59 0.00	26.81 -0.70 0.00	26.04 -0.73 0.00	26.27 -0.74 0.00	30.99 -0.82 0.00	38.11 -0.99 0.65	28.15 -0.86 7.38	27.62 -0.88 9.01	31.17 -0.81 8.78	38.89 -0.88 3.39	38.85 -0.85 3.76	38.85 -0.75 3.85	38.32 -0.99 12.82	38.14 -1.12 18.15	38.13 -1.01 18.51	71.38 -1.88 31.28	156.11 -3.48 37.44	49.19 -1.41 31.83	38.12 -1.02 37.38	80.12 -1.70 37.27	31.15 -0.59 20.46	41.63 -0.42 4.36	39.82 -0.57 1.60
FLOWRFLD_69_KV_BK1 356044	36.15 2.14 -0.60	30.19 2.02 -1.44	29.89 2.02 -0.36	40.30 1.95 -11.59	28.91 1.90 0.00	39.17 2.25 -5.12	42.60 2.85 0.00	49.92 3.00 -10.53	40.80 3.10 -0.19	43.71 2.95 0.00	46.10 2.94 0.00	45.88 2.45 0.03	46.19 2.73 0.00	55.13 3.00 0.00	60.60 3.19 0.00	60.88 3.23 0.00	110.62 6.67 0.59	213.50 16.46 0.00	89.17 6.74 0.00	82.13 5.62 0.00	316.32 8.92 -188.31	107.76 4.41 -51.14	73.87 3.87 -23.58	45.23 3.23 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.60 2.18 0.00	28.35 1.63 0.00	29.16 1.65 0.00	28.29 1.51 0.00	28.52 1.50 0.00	33.59 1.78 0.00	42.27 2.52 0.00	39.19 2.79 0.00	40.39 2.89 0.00	43.79 3.03 0.00	46.28 3.12 0.00	46.53 3.07 0.00	46.59 3.13 0.00	55.73 3.60 0.00	61.47 4.05 0.00	61.68 4.03 0.00	112.82 8.28 0.00	212.64 15.60 0.00	88.79 6.36 0.00	82.02 5.50 0.00	126.77 7.68 0.00	55.92 3.72 0.00	49.53 3.12 0.00	44.62 2.63 0.00
FORT ORANGE____ 23900	34.42 1.00 0.00	27.51 0.78 0.00	28.39 0.88 0.00	27.57 0.80 0.00	27.85 0.83 0.00	33.02 0.95 -0.27	40.88 1.13 0.00	39.05 0.98 -1.68	38.36 0.82 -0.03	41.65 0.89 0.00	44.16 1.00 0.00	44.40 0.95 0.00	44.27 0.81 0.00	52.96 0.83 0.00	58.54 1.12 0.00	58.32 0.67 0.00	106.43 1.89 0.00	200.34 3.30 0.00	83.92 1.49 0.00	77.95 1.44 0.00	121.25 2.17 0.00	53.43 1.23 0.00	47.52 1.10 0.00	43.20 1.21 0.00
FORT_DRUM_COGEN 23780	33.93 0.49 -0.02	26.61 -0.11 0.00	27.54 0.03 0.00	26.65 -0.13 0.00	27.25 0.24 0.00	32.25 0.44 0.00	40.60 0.77 -0.09	38.61 1.16 -1.06	40.24 1.44 -1.29	43.78 1.77 -1.26	45.22 1.57 -0.49	45.32 1.32 -0.54	45.23 1.22 -0.55	55.29 1.32 -1.84	60.31 0.28 -2.61	60.20 -0.11 -2.66	108.61 -0.43 -4.49	202.24 -0.18 -5.38	88.27 1.27 -4.57	84.77 2.88 -5.37	131.05 6.61 -5.35	57.33 2.20 -2.94	47.93 0.89 -0.63	41.95 -0.27 -0.23
FOX_HILLS___ESR 323835	35.61 2.19 0.00	28.43 1.69 -0.01	29.20 1.69 0.00	28.32 1.55 0.00	28.52 1.51 0.00	35.24 1.77 -1.66	42.06 2.32 0.00	41.02 2.52 -2.10	40.38 2.68 -0.19	43.52 2.76 0.00	42.06 2.69 3.79	45.60 2.74 0.61	44.20 2.79 2.05	55.26 3.13 0.00	61.02 3.60 0.00	61.30 3.65 0.00	112.04 7.50 0.00	210.35 13.32 0.00	87.97 5.54 0.00	81.25 4.73 -0.01	124.84 5.93 0.18	61.53 3.23 -6.10	49.05 2.64 0.00	44.39 2.40 0.00
FPL FAR_ROCK_GT1 24212	36.86 2.84 -0.60	30.47 2.30 -1.44	30.18 2.31 -0.37	40.52 2.16 -11.59	29.14 2.12 0.00	39.46 2.54 -5.12	43.02 3.28 0.00	50.31 3.39 -10.53	41.23 3.53 -0.19	44.42 3.66 0.00	46.78 3.61 0.00	46.78 3.32 0.00	46.67 3.21 0.00	55.94 3.81 0.00	61.75 4.33 0.00	61.53 3.88 0.00	112.56 8.01 0.00	215.68 18.64 0.00	89.67 7.24 0.00	82.45 5.94 0.00	130.85 9.19 -2.57	88.32 4.68 -31.44	94.81 4.11 -44.28	45.71 3.71 -0.01

FPL FAR_ROCK_GT2 23815	36.86 2.84 -0.60	30.47 2.30 -1.44	30.18 2.31 -0.37	40.52 2.16 -11.59	29.14 2.12 0.00	39.46 2.54 -5.12	43.02 3.28 0.00	50.31 3.39 -10.53	41.23 3.53 -0.19	44.42 3.66 0.00	46.78 3.61 0.00	46.78 3.32 0.00	46.67 3.21 0.00	55.94 3.81 0.00	61.75 4.33 0.00	61.53 3.88 0.00	112.56 8.01 0.00	215.68 18.64 0.00	89.67 7.24 0.00	82.45 5.94 0.00	130.85 9.19 -2.57	88.32 4.68 -31.44	94.81 4.11 -44.28	45.71 3.71 -0.01
FRANKLIN_FALL_HYD 24054	33.09 -0.33 0.00	26.42 -0.31 0.00	27.07 -0.44 0.00	26.49 -0.28 0.00	26.61 -0.40 0.00	31.17 -0.64 0.00	39.18 -0.57 0.00	35.87 -0.52 0.00	37.21 -0.30 0.00	40.52 -0.23 0.00	43.17 0.01 0.00	43.25 -0.21 0.00	42.96 -0.50 0.00	51.75 -0.38 0.00	56.97 -0.45 0.00	57.04 -0.61 0.00	102.36 -2.18 0.00	193.89 -3.15 0.00	81.10 -1.33 0.00	74.94 -1.58 0.00	117.50 -1.59 0.00	50.96 -1.24 0.00	45.06 -1.36 0.00	40.99 -1.01 0.00
FREEPORT_EQUS_GT1 23764	36.46 2.45 -0.60	30.22 2.05 -1.44	29.91 2.04 -0.37	40.28 1.92 -11.59	28.89 1.88 0.00	39.17 2.25 -5.12	42.66 2.91 0.00	49.99 3.07 -10.53	40.86 3.16 -0.19	43.96 3.20 0.00	46.24 3.08 0.00	46.09 2.65 0.02	46.22 2.76 0.00	55.20 3.07 0.00	60.97 3.56 0.00	61.20 3.55 0.00	107.40 7.54 4.68	213.14 16.11 0.00	88.88 6.46 0.00	81.89 5.38 0.00	129.62 7.97 -2.57	86.84 4.26 -30.38	79.76 3.75 -29.59	45.17 3.17 0.00
FREEPORT___CT2 23818	36.46 2.45 -0.60	30.22 2.05 -1.44	29.91 2.04 -0.37	40.28 1.92 -11.59	28.89 1.88 0.00	39.17 2.25 -5.12	42.66 2.91 0.00	49.99 3.07 -10.53	40.86 3.16 -0.19	43.96 3.20 0.00	46.24 3.08 0.00	46.09 2.65 0.02	46.22 2.76 0.00	55.20 3.07 0.00	60.97 3.56 0.00	61.20 3.55 0.00	107.40 7.54 4.68	213.14 16.11 0.00	88.88 6.46 0.00	81.89 5.38 0.00	129.62 7.97 -2.57	86.84 4.26 -30.38	79.76 3.75 -29.59	45.17 3.17 0.00
FRESHKLS_33_KV_LOAD 356253	35.56 2.13 0.00	28.43 1.69 -0.01	29.21 1.70 0.00	28.32 1.55 0.00	28.53 1.51 0.00	35.24 1.77 -1.66	42.01 2.27 0.00	40.96 2.46 -2.10	40.38 2.68 -0.19	43.44 2.68 0.00	41.93 2.56 3.79	45.49 2.64 0.61	43.45 2.67 2.68	52.85 2.99 2.27	60.89 3.47 0.00	61.24 3.59 0.00	112.14 7.60 0.00	210.39 13.35 0.00	88.14 5.71 0.00	81.46 4.94 -0.01	125.07 6.16 0.18	61.54 3.23 -6.10	47.18 2.55 1.79	44.16 2.38 0.22
FULTON COGEN____ 23766	33.40 -0.06 -0.04	26.56 -0.17 0.00	27.23 -0.28 0.00	26.44 -0.33 0.00	26.67 -0.34 0.00	31.48 -0.33 0.00	39.61 -0.34 -0.21	38.57 -0.22 -2.40	40.18 -0.25 -2.93	43.53 -0.08 -2.86	44.09 -0.17 -1.10	44.53 -0.16 -1.22	44.69 -0.01 -1.25	56.12 -0.19 -4.17	63.11 -0.21 -5.91	63.66 -0.01 -6.02	114.50 -0.22 -10.18	209.09 -0.12 -12.18	92.86 0.08 -10.35	89.19 0.51 -12.16	131.91 0.70 -12.13	59.31 0.46 -6.66	48.29 0.45 -1.42	42.64 0.13 -0.52
FULTON___LFGE 323630	37.43 4.01 0.00	29.83 3.10 0.00	30.52 3.01 0.00	29.60 2.83 0.00	29.93 2.92 0.00	35.36 3.54 0.00	44.28 4.54 0.00	40.58 4.18 0.00	40.79 3.28 0.00	44.37 3.61 0.00	47.75 4.59 0.00	45.81 2.35 0.00	46.82 3.37 0.00	54.06 1.93 0.00	65.31 7.89 0.00	59.08 1.44 0.00	111.26 6.72 0.00	207.02 9.98 0.00	90.68 8.25 0.00	86.32 9.81 0.00	135.61 16.52 0.00	59.51 7.31 0.00	52.39 5.97 0.00	47.01 5.02 0.00
G.F.CEMENT___DRP 24184	36.25 2.83 0.00	28.75 2.02 0.00	29.71 2.21 0.00	28.86 2.09 0.00	29.24 2.22 0.00	34.79 2.72 -0.26	43.37 3.63 0.00	41.35 3.30 -1.65	40.67 3.14 -0.03	44.15 3.39 0.00	46.67 3.51 0.00	46.87 3.41 0.00	46.57 3.12 0.00	55.61 3.48 0.00	61.53 4.11 0.00	61.79 4.14 0.00	112.65 8.10 0.00	213.53 16.50 0.00	90.01 7.58 0.00	83.36 6.85 0.00	130.27 11.18 0.00	56.94 4.74 0.00	50.53 4.11 0.00	45.59 3.60 0.00
GARDENVILLE___LBMP 24039	35.18 1.75 0.00	27.58 0.85 0.00	27.68 0.17 0.00	26.73 -0.04 0.00	26.87 -0.14 0.00	31.80 -0.01 0.00	39.79 0.05 0.00	36.31 -0.08 0.00	37.75 0.24 0.00	41.89 1.13 0.00	44.38 1.22 0.00	45.23 1.78 0.00	45.60 2.15 0.00	54.45 2.32 0.00	59.84 2.42 0.00	61.38 3.73 0.00	109.88 5.34 0.00	207.50 10.47 0.00	86.05 3.63 0.00	81.24 4.72 0.00	126.41 7.32 0.00	59.81 4.13 -3.48	59.49 5.08 -7.99	46.00 4.01 0.00
GARDNVLA_35_KV_LD 355827	35.37 1.95 0.00	27.72 0.99 0.00	27.81 0.30 0.00	26.86 0.09 0.00	27.01 0.00 0.00	31.96 0.15 0.00	39.98 0.24 0.00	36.48 0.08 0.00	37.93 0.43 0.00	42.11 1.35 0.00	44.64 1.48 0.00	45.54 2.08 0.00	45.92 2.47 0.00	54.86 2.73 0.00	60.33 2.92 0.00	61.90 4.25 0.00	110.79 6.25 0.00	209.26 12.22 0.00	86.74 4.31 0.00	81.83 5.32 0.00	127.35 8.27 0.00	60.54 4.55 -3.79	60.62 5.44 -8.75	46.29 4.30 0.00
GELCKHM___115KV_LOAD 80723	33.63 0.20 -0.01	26.75 0.03 0.00	27.42 -0.09 0.00	26.62 -0.15 0.00	26.84 -0.17 0.00	31.69 -0.12 0.00	39.75 -0.07 -0.07	37.26 0.00 -0.86	38.60 0.05 -1.05	42.02 0.24 -1.02	43.76 0.20 -0.39	44.19 0.29 -0.44	44.31 0.42 -0.45	54.05 0.43 -1.49	59.92 0.39 -2.11	60.37 0.57 -2.15	109.19 1.01 -3.64	203.43 2.04 -4.35	87.08 0.96 -3.70	82.11 1.25 -4.35	125.14 1.72 -4.34	55.50 0.92 -2.38	47.84 0.91 -0.51	42.71 0.53 -0.19
GENERAL___MILLS 23808	35.27 1.85 0.00	27.64 0.92 0.00	27.74 0.23 0.00	26.79 0.02 0.00	26.94 -0.07 0.00	31.89 0.08 0.00	39.89 0.14 0.00	36.39 0.00 0.00	37.84 0.33 0.00	41.99 1.23 0.00	44.50 1.34 0.00	45.37 1.91 0.00	45.75 2.30 0.00	54.63 2.50 0.00	60.06 2.64 0.00	61.62 3.97 0.00	110.29 5.75 0.00	208.31 11.27 0.00	86.36 3.94 0.00	81.52 5.00 0.00	126.85 7.77 0.00	60.24 4.34 -3.70	60.23 5.26 -8.55	46.13 4.14 0.00
GE_PLASTICS___DRP 24183	34.20 0.78 0.00	27.37 0.64 0.00	28.24 0.73 0.00	27.44 0.66 0.00	27.70 0.69 0.00	32.86 0.79 -0.26	40.73 0.99 0.00	39.02 0.97 -1.66	38.34 0.80 -0.03	41.69 0.93 0.00	44.17 1.01 0.00	44.40 0.94 0.00	44.31 0.85 0.00	52.98 0.85 0.00	58.45 1.03 0.00	58.44 0.79 0.00	106.51 1.97 0.00	200.70 3.66 0.00	83.99 1.56 0.00	77.95 1.44 0.00	121.14 2.05 0.00	53.36 1.16 0.00	47.49 1.07 0.00	42.93 0.94 0.00
GILBOA___1 23756	34.31 0.88 0.00	27.67 0.94 0.00	28.58 1.08 0.00	27.77 0.99 0.00	28.02 1.01 0.00	32.99 1.18 0.00	41.02 1.28 0.00	37.67 1.27 0.00	38.48 0.97 0.00	41.90 1.14 0.00	44.34 1.18 0.00	44.58 1.13 0.00	44.54 1.09 0.00	53.04 0.91 0.00	58.33 0.92 0.00	58.43 0.78 0.00	106.10 1.56 0.00	199.78 2.74 0.00	83.64 1.21 0.00	77.65 1.14 0.00	120.61 1.52 0.00	53.54 1.34 0.00	47.73 1.31 0.00	43.09 1.10 0.00
GILBOA___2 23757	34.31 0.88 0.00	27.67 0.94 0.00	28.58 1.08 0.00	27.77 0.99 0.00	28.02 1.01 0.00	32.99 1.18 0.00	41.02 1.28 0.00	37.67 1.27 0.00	38.48 0.97 0.00	41.90 1.14 0.00	44.34 1.18 0.00	44.58 1.13 0.00	44.54 1.09 0.00	53.04 0.91 0.00	58.33 0.92 0.00	58.43 0.78 0.00	106.10 1.56 0.00	199.78 2.74 0.00	83.64 1.21 0.00	77.65 1.14 0.00	120.61 1.52 0.00	53.54 1.34 0.00	47.73 1.31 0.00	43.09 1.10 0.00

GILBOA___3 23758	34.31 0.88 0.00	27.67 0.94 0.00	28.58 1.08 0.00	27.77 0.99 0.00	28.02 1.01 0.00	32.99 1.18 0.00	41.02 1.28 0.00	37.67 1.27 0.00	38.48 0.97 0.00	41.90 1.14 0.00	44.34 1.18 0.00	44.58 1.13 0.00	44.54 1.09 0.00	53.04 0.91 0.00	58.33 0.92 0.00	58.43 0.78 0.00	106.10 1.56 0.00	199.78 2.74 0.00	83.64 1.21 0.00	77.65 1.14 0.00	120.61 1.52 0.00	53.54 1.34 0.00	47.73 1.31 0.00	43.09 1.10 0.00
GILBOA___4 23759	34.31 0.88 0.00	27.67 0.94 0.00	28.58 1.08 0.00	27.77 0.99 0.00	28.02 1.01 0.00	32.99 1.18 0.00	41.02 1.28 0.00	37.67 1.27 0.00	38.48 0.97 0.00	41.90 1.14 0.00	44.34 1.18 0.00	44.58 1.13 0.00	44.54 1.09 0.00	53.04 0.91 0.00	58.33 0.92 0.00	58.43 0.78 0.00	106.10 1.56 0.00	199.78 2.74 0.00	83.64 1.21 0.00	77.65 1.14 0.00	120.61 1.52 0.00	53.54 1.34 0.00	47.73 1.31 0.00	43.09 1.10 0.00
GILBOA___ 23599	34.31 0.89 0.00	27.67 0.94 0.00	28.58 1.08 0.00	27.77 0.99 0.00	28.02 1.01 0.00	32.99 1.18 0.00	41.03 1.28 0.00	37.67 1.27 0.00	38.48 0.97 0.00	41.90 1.14 0.00	44.34 1.18 0.00	44.59 1.13 0.00	44.54 1.09 0.00	53.03 0.91 0.00	58.33 0.92 0.00	58.43 0.79 0.00	106.10 1.56 0.00	199.78 2.74 0.00	83.64 1.21 0.00	77.65 1.14 0.00	120.61 1.52 0.00	53.54 1.34 0.00	47.72 1.31 0.00	43.09 1.10 0.00
GINNA___ 23603	33.25 -0.17 0.00	26.26 -0.47 0.00	26.63 -0.88 0.00	25.77 -1.00 0.00	25.98 -1.04 0.00	30.70 -1.11 0.00	38.45 -1.30 0.00	35.21 -1.18 0.00	36.45 -1.06 0.00	40.18 -0.58 0.00	42.65 -0.51 0.00	43.31 -0.15 0.00	43.56 0.10 0.00	52.06 -0.07 0.00	57.34 -0.07 0.00	58.31 0.67 0.00	105.21 0.67 0.00	198.66 1.62 0.00	82.88 0.46 0.00	77.67 1.16 0.00	120.60 1.52 0.00	53.36 1.16 0.00	47.92 1.64 0.14	42.96 0.97 0.00
GLEN PARK___ 23778	34.17 0.73 -0.02	26.81 0.08 0.00	27.71 0.20 0.00	26.83 0.05 0.00	27.42 0.40 0.00	32.46 0.65 0.00	40.89 1.05 -0.10	38.93 1.42 -1.12	40.60 1.73 -1.36	44.19 2.10 -1.33	45.59 1.92 -0.51	45.69 1.66 -0.57	45.58 1.55 -0.58	55.79 1.72 -1.94	60.80 0.64 -2.74	60.69 0.24 -2.80	109.51 0.24 -4.73	203.96 1.26 -5.66	89.20 1.97 -4.81	85.86 3.70 -5.65	132.61 7.89 -5.63	58.07 2.78 -3.09	48.44 1.37 -0.66	42.36 0.13 -0.24
GLENDAL_27_KV_LOAD 356172	35.77 2.35 0.00	28.49 1.76 0.00	29.27 1.76 0.00	28.38 1.61 0.00	28.59 1.58 0.00	35.35 1.88 -1.66	42.27 2.53 0.00	49.63 2.81 -10.43	40.62 2.93 -0.19	43.92 3.16 0.00	46.38 3.21 0.00	46.65 3.20 0.00	46.76 3.31 0.00	55.81 3.68 0.00	61.55 4.13 0.00	61.72 4.06 0.00	112.72 8.18 0.00	212.00 14.96 0.00	88.37 5.95 0.00	81.51 5.00 0.00	123.47 6.60 2.22	53.12 3.58 2.65	49.43 3.01 0.00	44.61 2.62 0.00
GLENWOOD_IC_1_G1 23712	36.47 2.45 -0.60	30.19 2.02 -1.44	29.90 2.02 -0.36	40.26 1.90 -11.59	28.87 1.86 0.00	39.14 2.22 -5.12	42.62 2.88 0.00	49.96 3.04 -10.53	40.87 3.17 -0.19	44.01 3.26 0.00	46.12 2.95 0.00	46.06 2.61 0.01	46.27 2.82 0.00	55.46 3.33 0.00	61.25 3.83 0.00	61.49 3.84 0.00	111.07 7.99 1.46	213.62 16.58 0.00	88.98 6.56 0.00	81.99 5.47 0.00	129.55 7.89 -2.57	86.43 3.98 -30.24	77.63 3.49 -27.72	45.10 3.10 0.00
GLENWOOD_IC_2_G1 23688	36.34 2.32 -0.60	30.09 1.92 -1.44	29.80 1.92 -0.37	40.16 1.80 -11.59	28.78 1.77 0.00	39.03 2.11 -5.12	42.48 2.73 0.00	49.83 2.91 -10.53	40.71 3.01 -0.19	43.84 3.08 0.00	46.12 2.96 0.00	46.15 2.69 0.00	46.32 2.86 0.00	55.47 3.34 0.00	61.25 3.83 0.00	61.45 3.80 0.00	112.01 7.90 0.43	213.50 16.47 0.00	88.97 6.55 0.00	81.98 5.47 0.00	129.57 7.92 -2.57	86.35 4.03 -30.11	75.80 3.46 -25.92	44.94 2.95 0.00
GLENWOOD_IC_3_G1 23689	36.34 2.32 -0.60	30.09 1.92 -1.44	29.80 1.92 -0.37	40.16 1.80 -11.59	28.78 1.77 0.00	39.03 2.11 -5.12	42.48 2.73 0.00	49.83 2.91 -10.53	40.71 3.01 -0.19	43.84 3.08 0.00	46.12 2.96 0.00	46.15 2.69 0.00	46.32 2.86 0.00	55.47 3.34 0.00	61.25 3.83 0.00	61.45 3.80 0.00	112.01 7.90 0.43	213.50 16.47 0.00	88.97 6.55 0.00	81.98 5.47 0.00	129.57 7.92 -2.57	86.35 4.03 -30.11	75.80 3.46 -25.92	44.94 2.95 0.00
GLENWOOD___4 23550	36.47 2.45 -0.60	30.19 2.02 -1.44	29.90 2.02 -0.36	40.26 1.90 -11.59	28.87 1.86 0.00	39.14 2.22 -5.12	42.62 2.88 0.00	49.96 3.04 -10.53	40.87 3.17 -0.19	44.01 3.26 0.00	46.20 3.03 0.00	46.17 2.73 0.01	46.37 2.92 0.00	55.57 3.44 0.00	61.39 3.97 0.00	61.64 3.99 0.00	111.33 8.25 1.46	214.13 17.09 0.00	89.22 6.79 0.00	82.18 5.67 0.00	129.85 8.19 -2.57	86.58 4.13 -30.24	77.71 3.57 -27.72	45.10 3.10 0.00
GLENWOOD___5 23614	36.47 2.45 -0.60	30.19 2.02 -1.44	29.90 2.02 -0.36	40.26 1.90 -11.59	28.87 1.86 0.00	39.14 2.22 -5.12	42.62 2.88 0.00	49.96 3.04 -10.53	40.87 3.17 -0.19	44.01 3.26 0.00	46.20 3.03 0.00	46.17 2.73 0.01	46.37 2.92 0.00	55.57 3.44 0.00	61.39 3.97 0.00	61.64 3.99 0.00	111.33 8.25 1.46	214.13 17.09 0.00	89.22 6.79 0.00	82.18 5.67 0.00	129.85 8.19 -2.57	86.58 4.13 -30.24	77.71 3.57 -27.72	45.10 3.10 0.00
GLOBAL GREEN_PORT_GT1 23814	36.09 2.07 -0.60	30.12 1.95 -1.44	29.83 1.96 -0.37	40.22 1.86 -11.59	28.84 1.83 0.00	39.09 2.17 -5.12	42.72 2.98 0.00	50.06 3.14 -10.53	40.97 3.26 -0.19	43.20 2.44 0.00	45.72 2.56 0.00	45.44 2.01 0.03	45.70 2.25 0.00	54.58 2.45 0.00	59.85 2.44 0.00	60.24 2.59 0.00	109.67 5.69 0.56	212.49 15.46 0.00	88.74 6.31 0.00	81.45 4.93 0.00	240.27 8.95 -112.24	99.00 4.39 -42.41	74.25 4.93 -22.90	45.88 3.89 0.00
GLOBE___DSASP 323697	34.12 0.70 0.00	26.77 0.05 0.00	26.81 -0.69 0.00	25.89 -0.89 0.00	26.05 -0.96 0.00	30.79 -1.02 0.00	38.41 -1.33 0.00	34.86 -1.53 0.00	36.23 -1.28 0.00	40.22 -0.54 0.00	42.72 -0.44 0.00	43.65 0.20 0.00	44.01 0.55 0.00	52.19 0.06 0.00	57.19 -0.22 0.00	58.85 1.20 0.00	104.83 0.29 0.00	197.69 0.65 0.00	81.83 -0.59 0.00	77.22 0.70 0.00	120.44 1.36 0.00	57.61 1.73 -3.68	58.13 3.29 -8.43	44.75 2.76 0.00
GOETHSLN___LBMP 323567	35.30 1.88 0.00	28.13 1.41 0.00	28.90 1.40 0.00	28.02 1.25 0.00	28.21 1.20 0.00	34.90 1.43 -1.66	41.65 1.91 0.00	40.72 2.23 -2.10	40.05 2.35 -0.19	43.31 2.55 0.00	41.91 2.54 3.80	45.34 2.49 0.61	43.39 2.62 2.68	52.75 2.89 2.28	60.46 3.31 0.27	60.69 3.25 0.21	111.39 6.85 0.00	202.95 12.76 6.84	87.41 4.99 0.00	80.65 4.14 0.00	124.14 5.45 0.40	53.85 2.95 1.30	46.13 2.40 2.69	43.81 2.04 0.22
GOLAH___69_KV_TB 1_2 80279	35.44 2.02 0.00	27.84 1.12 0.00	28.06 0.55 0.00	27.08 0.31 0.00	27.27 0.26 0.00	32.25 0.44 0.00	40.39 0.65 0.00	36.93 0.54 0.00	38.28 0.77 0.00	42.29 1.53 0.00	44.84 1.68 0.00	45.56 2.11 0.00	46.03 2.58 0.00	54.98 2.86 0.00	60.44 3.03 0.00	61.83 4.18 0.00	111.27 6.73 0.00	209.12 12.09 0.00	87.51 5.09 0.00	218.59 5.77 -136.31	456.03 9.17 -327.77	231.63 4.83 -174.59	110.80 5.28 -59.10	46.25 4.26 0.00

GOODYEAR_LAKE_HYD 323669	34.96 1.54 0.00	27.94 1.22 0.00	28.68 1.17 0.00	27.89 1.11 0.00	28.12 1.11 0.00	33.15 1.34 0.00	41.46 1.72 0.00	38.22 1.83 0.00	39.34 1.84 0.00	42.97 2.21 0.00	45.42 2.25 0.00	45.73 2.27 0.00	45.82 2.36 0.00	54.77 2.64 0.00	60.30 2.88 0.00	60.50 2.85 0.00	109.83 5.29 0.00	206.74 9.71 0.00	86.58 4.15 0.00	80.67 4.15 0.00	125.15 6.07 0.00	55.24 3.04 0.00	49.11 2.69 0.00	44.18 2.19 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.41 0.98 -0.01	27.31 0.58 0.00	27.93 0.42 0.00	27.13 0.36 0.00	27.34 0.33 0.00	32.33 0.52 0.00	40.54 0.76 -0.04	37.77 0.87 -0.50	39.02 0.91 -0.61	42.75 1.40 -0.59	44.60 1.21 -0.23	44.95 1.24 -0.25	45.14 1.43 -0.26	54.61 1.62 -0.87	60.27 1.62 -1.23	60.61 1.71 -1.25	109.88 3.22 -2.11	205.81 6.25 -2.53	87.16 2.59 -2.15	82.03 2.99 -2.52	125.83 4.23 -2.52	55.82 2.24 -1.38	48.97 2.26 -0.30	43.77 1.67 -0.11
GOUDEY___7 23579	34.45 1.02 -0.01	27.33 0.61 0.00	27.95 0.44 0.00	27.16 0.38 0.00	27.37 0.35 0.00	32.36 0.55 0.00	40.58 0.79 -0.04	37.80 0.91 -0.50	39.07 0.95 -0.61	42.80 1.45 -0.59	44.65 1.26 -0.23	45.02 1.31 -0.25	45.19 1.48 -0.26	54.69 1.70 -0.87	60.35 1.70 -1.23	60.69 1.79 -1.25	110.06 3.40 -2.11	206.13 6.56 -2.53	87.27 2.70 -2.15	82.16 3.12 -2.52	126.05 4.44 -2.52	55.89 2.31 -1.38	49.03 2.31 -0.30	43.83 1.73 -0.11
GOUDEY___8 23580	34.41 0.98 -0.01	27.31 0.58 0.00	27.93 0.42 0.00	27.13 0.36 0.00	27.34 0.33 0.00	32.33 0.52 0.00	40.54 0.76 -0.04	37.77 0.87 -0.50	39.02 0.91 -0.61	42.75 1.40 -0.59	44.60 1.21 -0.23	44.95 1.24 -0.25	45.14 1.43 -0.26	54.61 1.62 -0.87	60.27 1.62 -1.23	60.61 1.71 -1.25	109.88 3.22 -2.11	205.81 6.25 -2.53	87.16 2.59 -2.15	82.03 2.99 -2.52	125.83 4.23 -2.52	55.82 2.24 -1.38	48.97 2.26 -0.30	43.77 1.67 -0.11
GOWANUS_GT1_1 24077	35.72 2.30 0.00	28.48 1.74 0.00	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.87 13.84 0.00	88.05 5.62 0.00	81.29 4.77 -0.01	125.01 6.10 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
GOWANUS_GT1_2 24078	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.87 13.84 0.00	88.05 5.62 0.00	81.29 4.77 -0.01	125.01 6.10 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
GOWANUS_GT1_3 24079	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.87 13.84 0.00	88.05 5.62 0.00	81.29 4.77 -0.01	125.01 6.10 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
GOWANUS_GT1_4 24080	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.87 13.84 0.00	88.05 5.62 0.00	81.29 4.77 -0.01	125.01 6.10 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
GOWANUS_GT1_5 24084	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.87 13.84 0.00	88.05 5.62 0.00	81.29 4.77 -0.01	125.01 6.10 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
GOWANUS_GT1_6 24111	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.87 13.84 0.00	88.05 5.62 0.00	81.29 4.77 -0.01	125.01 6.10 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
GOWANUS_GT1_7 24112	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.87 13.84 0.00	88.05 5.62 0.00	81.29 4.77 -0.01	125.01 6.10 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
GOWANUS_GT1_8 24113	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.87 13.84 0.00	88.05 5.62 0.00	81.29 4.77 -0.01	125.01 6.10 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
GOWANUS_GT2_1 24114	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.80 13.76 0.00	88.03 5.60 0.00	81.23 4.71 -0.01	124.96 6.05 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
GOWANUS_GT2_2 24115	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.80 13.76 0.00	88.03 5.60 0.00	81.23 4.71 -0.01	124.96 6.05 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
GOWANUS_GT2_3 24116	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.80 13.76 0.00	88.03 5.60 0.00	81.23 4.71 -0.01	124.96 6.05 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00

GOWANUS_GT2_4 24117	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.80 13.76 0.00	88.03 5.60 0.00	81.23 4.71 -0.01	124.96 6.05 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
GOWANUS_GT2_5 24118	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.80 13.76 0.00	88.03 5.60 0.00	81.23 4.71 -0.01	124.96 6.05 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
GOWANUS_GT2_6 24119	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.80 13.76 0.00	88.03 5.60 0.00	81.23 4.71 -0.01	124.96 6.05 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
GOWANUS_GT2_7 24120	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.80 13.76 0.00	88.03 5.60 0.00	81.23 4.71 -0.01	124.96 6.05 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
GOWANUS_GT2_8 24121	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.80 13.76 0.00	88.03 5.60 0.00	81.23 4.71 -0.01	124.96 6.05 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
GOWANUS_GT3_1 24122	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
GOWANUS_GT3_2 24123	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
GOWANUS_GT3_3 24124	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
GOWANUS_GT3_4 24125	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
GOWANUS_GT3_5 24126	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
GOWANUS_GT3_6 24127	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
GOWANUS_GT3_7 24128	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
GOWANUS_GT3_8 24129	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
GOWANUS_GT4_1 24130	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.83 13.79 0.00	88.02 5.60 0.00	81.25 4.73 -0.01	124.96 6.05 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
GOWANUS_GT4_2 24131	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.83 13.79 0.00	88.02 5.60 0.00	81.25 4.73 -0.01	124.96 6.05 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00

GOWANUS_GT4_3 24132	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.83 13.79 0.00	88.02 5.60 0.00	81.25 4.73 -0.01	124.96 6.05 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
GOWANUS_GT4_4 24133	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.83 13.79 0.00	88.02 5.60 0.00	81.25 4.73 -0.01	124.96 6.05 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
GOWANUS_GT4_5 24134	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.83 13.79 0.00	88.02 5.60 0.00	81.25 4.73 -0.01	124.96 6.05 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
GOWANUS_GT4_6 24135	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.83 13.79 0.00	88.02 5.60 0.00	81.25 4.73 -0.01	124.96 6.05 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
GOWANUS_GT4_7 24136	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.83 13.79 0.00	88.02 5.60 0.00	81.25 4.73 -0.01	124.96 6.05 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
GOWANUS_GT4_8 24137	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.83 13.79 0.00	88.02 5.60 0.00	81.25 4.73 -0.01	124.96 6.05 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
GREENBSH_115KV_TB3 55895	34.12 0.70 0.00	27.28 0.56 0.00	28.17 0.66 0.00	27.36 0.59 0.00	27.63 0.62 0.00	32.79 0.70 -0.27	40.65 0.90 0.00	38.99 0.86 -1.73	38.23 0.69 -0.03	41.56 0.80 0.00	44.09 0.92 0.00	44.31 0.85 0.00	44.21 0.75 0.00	52.85 0.72 0.00	58.35 0.93 0.00	58.27 0.62 0.00	106.29 1.75 0.00	200.25 3.22 0.00	83.78 1.35 0.00	77.74 1.23 0.00	120.81 1.72 0.00	53.19 0.98 0.00	47.34 0.92 0.00	42.85 0.85 0.00
GREENDGE_115KV_TB5 80291	34.79 1.37 -0.01	27.55 0.82 0.00	28.07 0.56 0.00	27.22 0.45 0.00	27.41 0.40 0.00	32.36 0.55 0.00	40.63 0.85 -0.04	37.58 0.78 -0.41	38.91 0.91 -0.49	42.65 1.40 -0.49	44.67 1.31 -0.19	45.34 1.68 -0.21	45.45 1.79 -0.21	54.71 1.87 -0.71	60.51 2.09 -1.00	61.20 2.53 -1.02	110.13 3.86 -1.72	204.80 5.70 -2.06	87.53 3.36 -1.75	83.59 5.01 -2.06	127.77 6.63 -2.05	57.08 3.75 -1.13	50.34 3.71 -0.21	44.78 2.69 -0.09
GREENIDGE___3 23582	34.79 1.37 -0.01	27.55 0.82 0.00	28.07 0.56 0.00	27.22 0.45 0.00	27.41 0.40 0.00	32.36 0.55 0.00	40.63 0.85 -0.04	37.58 0.78 -0.41	38.91 0.91 -0.49	42.65 1.40 -0.49	44.67 1.31 -0.19	45.34 1.68 -0.21	45.45 1.79 -0.21	54.71 1.87 -0.71	60.51 2.09 -1.00	61.20 2.53 -1.02	110.13 3.86 -1.72	204.80 5.70 -2.06	87.53 3.36 -1.75	83.59 5.01 -2.06	127.77 6.63 -2.05	57.08 3.75 -1.13	50.34 3.71 -0.21	44.78 2.69 -0.09
GREENIDGE___4 23583	34.79 1.37 -0.01	27.55 0.82 0.00	28.07 0.56 0.00	27.22 0.45 0.00	27.41 0.40 0.00	32.37 0.56 0.00	40.63 0.86 -0.04	37.58 0.78 -0.41	38.91 0.91 -0.49	42.65 1.40 -0.49	44.66 1.31 -0.19	45.34 1.68 -0.21	45.45 1.79 -0.21	54.71 1.88 -0.71	60.51 2.09 -1.00	61.20 2.53 -1.02	110.12 3.85 -1.72	204.80 5.71 -2.06	87.53 3.36 -1.75	83.61 5.03 -2.06	127.78 6.63 -2.05	57.08 3.75 -1.13	50.35 3.72 -0.21	44.78 2.70 -0.09
GREENLWN_69_KV_BK 3 55738	36.01 1.99 -0.60	30.02 1.85 -1.44	29.75 1.87 -0.36	40.15 1.79 -11.59	28.77 1.75 0.00	38.98 2.06 -5.12	42.27 2.53 0.00	49.67 2.75 -10.53	40.48 2.77 -0.19	43.20 2.44 0.00	45.43 2.26 0.00	45.38 1.95 0.03	45.64 2.19 0.00	54.65 2.52 0.00	60.34 2.92 0.00	60.57 2.92 0.00	110.20 6.30 0.64	210.91 13.87 0.00	87.95 5.53 0.00	80.96 4.44 0.00	77.63 6.44 47.90	79.60 3.35 -24.06	71.02 2.76 -21.85	44.28 2.29 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.87 13.84 0.00	88.05 5.62 0.00	81.29 4.77 -0.01	125.01 6.10 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00
GRISSOM___SOLAR 323813	37.43 4.01 0.00	29.83 3.10 0.00	30.52 3.01 0.00	29.60 2.83 0.00	29.93 2.92 0.00	35.36 3.54 0.00	44.28 4.54 0.00	40.58 4.18 0.00	40.79 3.28 0.00	44.37 3.61 0.00	47.75 4.59 0.00	45.81 2.35 0.00	46.82 3.37 0.00	54.06 1.93 0.00	65.31 7.89 0.00	59.08 1.44 0.00	111.26 6.72 0.00	207.02 9.98 0.00	90.68 8.25 0.00	86.32 9.81 0.00	135.61 16.52 0.00	59.51 7.31 0.00	52.39 5.97 0.00	47.01 5.02 0.00
GROVEVILLE___HYD 323602	35.60 2.18 0.00	28.35 1.63 0.00	29.16 1.65 0.00	28.29 1.51 0.00	28.52 1.50 0.00	33.59 1.78 0.00	42.27 2.52 0.00	39.19 2.79 0.00	40.39 2.89 0.00	43.79 3.03 0.00	46.28 3.12 0.00	46.53 3.07 0.00	46.59 3.13 0.00	55.73 3.60 0.00	61.47 4.05 0.00	61.68 4.03 0.00	112.82 8.28 0.00	212.64 15.60 0.00	88.79 6.36 0.00	82.02 5.50 0.00	126.77 7.68 0.00	55.92 3.72 0.00	49.53 3.12 0.00	44.62 2.63 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.92 0.47 -0.02	26.97 0.24 0.00	27.64 0.13 0.00	26.83 0.06 0.00	27.04 0.03 0.00	31.93 0.13 0.00	40.12 0.26 -0.12	38.03 0.31 -1.32	39.48 0.36 -1.62	42.89 0.56 -1.57	44.31 0.53 -0.61	44.76 0.63 -0.67	44.90 0.76 -0.69	55.28 0.85 -2.30	61.52 0.85 -3.25	61.99 1.02 -3.32	112.05 1.90 -5.61	207.45 3.70 -6.71	89.84 1.71 -5.70	85.19 1.98 -6.70	128.54 2.77 -6.68	57.27 1.41 -3.67	48.51 1.31 -0.78	43.16 0.88 -0.29

HAMLTNNY_34_KV_TB 80303	34.06 0.62 -0.02	27.06 0.34 0.00	27.71 0.20 0.00	26.90 0.13 0.00	27.10 0.08 0.00	32.00 0.19 0.00	40.22 0.35 -0.12	38.15 0.40 -1.36	39.62 0.45 -1.66	43.10 0.72 -1.62	44.43 0.64 -0.63	44.90 0.75 -0.69	45.09 0.92 -0.71	55.53 1.05 -2.36	61.81 1.05 -3.34	62.28 1.22 -3.41	112.62 2.32 -5.76	208.62 4.70 -6.89	90.40 2.12 -5.86	85.86 2.47 -6.88	129.40 3.45 -6.86	57.68 1.72 -3.76	48.87 1.65 -0.80	43.44 1.15 -0.29
HAMPSHIRE___PAPER_HYD 323593	33.08 -0.35 -0.01	26.11 -0.61 0.00	26.95 -0.56 0.00	26.14 -0.64 0.00	26.59 -0.42 0.00	31.43 -0.38 0.00	39.42 -0.36 -0.04	36.77 -0.07 -0.44	38.22 0.17 -0.54	41.43 0.14 -0.53	43.49 0.12 -0.20	43.55 -0.13 -0.23	43.43 -0.26 -0.23	52.68 -0.22 -0.77	57.52 -0.99 -1.09	57.49 -1.27 -1.12	103.76 -2.67 -1.88	194.45 -4.84 -2.25	83.22 -1.12 -1.92	78.54 -0.22 -2.25	122.93 1.60 -2.23	53.31 -0.12 -1.23	46.10 -0.58 -0.26	41.03 -1.05 -0.10
HARDSCRABBLE_WT_PWR 323673	34.04 0.62 0.00	27.20 0.48 0.00	28.08 0.57 0.00	27.28 0.51 0.00	27.59 0.57 0.00	32.53 0.72 0.00	40.72 0.98 0.00	37.48 1.09 0.00	38.41 0.90 0.00	41.91 1.15 0.00	44.43 1.26 0.00	44.56 1.10 0.00	44.35 0.90 0.00	53.19 1.06 0.00	58.77 1.35 0.00	58.04 0.40 0.00	106.30 1.76 0.00	199.35 2.31 0.00	83.84 1.41 0.00	78.21 1.69 0.00	121.63 2.55 0.00	53.58 1.38 0.00	47.76 1.34 0.00	43.10 1.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.32 1.90 0.00	28.14 1.41 0.00	28.92 1.41 0.00	28.05 1.28 0.00	28.27 1.25 0.00	31.43 1.47 1.85	41.73 1.99 0.00	26.96 2.18 11.61	39.55 2.26 0.21	43.33 2.57 0.00	45.80 2.64 0.00	46.12 2.66 0.00	46.22 2.76 0.00	55.36 3.22 0.00	61.04 3.62 0.00	61.36 3.71 0.00	112.17 7.63 0.00	211.26 14.22 0.00	88.18 5.76 0.00	81.52 5.00 0.00	125.82 6.73 0.00	55.52 3.32 0.00	49.14 2.72 0.00	44.21 2.22 0.00
HARSNRAD_115KV_TB1 81005	34.55 1.13 0.00	27.09 0.36 0.00	27.13 -0.38 0.00	26.19 -0.58 0.00	26.35 -0.66 0.00	31.16 -0.65 0.00	38.92 -0.83 0.00	35.39 -1.00 0.00	36.82 -0.69 0.00	40.88 0.12 0.00	43.41 0.25 0.00	44.33 0.87 0.00	44.69 1.24 0.00	53.24 1.11 0.00	58.48 1.06 0.00	60.10 2.46 0.00	107.28 2.75 0.00	202.55 5.51 0.00	83.97 1.54 0.00	79.27 2.76 0.00	123.61 4.52 0.00	62.52 3.08 -7.25	67.75 4.32 -17.01	45.36 3.37 0.00
HARZA MOOSE___RIVER 24016	34.11 0.69 -0.01	26.98 0.25 0.00	27.87 0.36 0.00	26.94 0.17 0.00	27.46 0.45 0.00	32.46 0.65 0.00	40.74 0.97 -0.03	37.94 1.17 -0.37	39.30 1.34 -0.46	42.77 1.57 -0.45	44.89 1.56 -0.17	45.10 1.45 -0.19	44.97 1.32 -0.19	54.22 1.44 -0.65	59.40 1.07 -0.92	59.52 0.93 -0.94	107.54 1.41 -1.59	202.33 3.40 -1.90	86.07 2.03 -1.62	81.08 2.67 -1.90	126.48 5.50 -1.89	55.17 1.94 -1.04	47.83 1.19 -0.22	42.37 0.30 -0.08
HDSNBRDG_115KV_BRDG_TB1 355580	33.69 0.26 -0.01	26.80 0.07 0.00	27.46 -0.05 0.00	26.65 -0.12 0.00	26.88 -0.14 0.00	31.73 -0.08 0.00	39.79 -0.01 -0.06	37.18 0.07 -0.71	38.49 0.11 -0.87	41.96 0.35 -0.85	43.79 0.30 -0.33	44.21 0.39 -0.36	44.35 0.52 -0.37	53.92 0.55 -1.24	59.72 0.55 -1.75	60.17 0.73 -1.79	108.87 1.31 -3.02	203.23 2.58 -3.62	86.63 1.13 -3.07	81.53 1.41 -3.61	124.65 1.96 -3.60	55.23 1.05 -1.98	47.87 1.03 -0.42	42.78 0.63 -0.15
HELLGATE_13_KV_LD 55870	35.55 2.13 0.00	28.32 1.59 0.00	29.11 1.60 0.00	28.24 1.46 0.00	28.45 1.43 0.00	35.18 1.70 -1.66	42.02 2.28 0.00	49.40 2.57 -10.43	40.36 2.67 -0.19	43.61 2.85 0.00	46.05 2.88 0.00	46.30 2.84 0.00	46.38 2.93 0.00	55.35 3.22 0.00	61.02 3.60 0.00	61.19 3.54 0.00	111.71 7.17 0.00	210.16 13.12 0.00	87.63 5.20 0.00	80.83 4.32 0.00	123.39 5.54 1.24	53.59 3.12 1.73	49.04 2.63 0.00	44.28 2.28 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.55 2.13 0.00	28.32 1.59 0.00	29.11 1.60 0.00	28.24 1.46 0.00	28.45 1.43 0.00	35.18 1.70 -1.66	42.02 2.28 0.00	49.40 2.57 -10.43	40.36 2.67 -0.19	43.61 2.85 0.00	46.05 2.88 0.00	46.30 2.84 0.00	46.38 2.93 0.00	55.35 3.22 0.00	61.02 3.60 0.00	61.19 3.54 0.00	111.71 7.17 0.00	210.16 13.12 0.00	87.63 5.20 0.00	80.83 4.32 0.00	123.39 5.54 1.24	53.59 3.12 1.73	49.04 2.63 0.00	44.28 2.28 0.00
HEMPSTEAD____ 23647	36.20 2.18 -0.60	30.01 1.84 -1.44	29.72 1.84 -0.37	40.10 1.73 -11.59	28.71 1.70 0.00	38.95 2.02 -5.12	42.37 2.63 0.00	49.74 2.82 -10.53	40.61 2.91 -0.19	43.70 2.94 0.00	45.94 2.78 0.00	45.86 2.42 0.02	46.05 2.60 0.00	55.14 3.01 0.00	60.87 3.46 0.00	61.09 3.45 0.00	109.52 7.29 2.32	212.37 15.34 0.00	88.57 6.14 0.00	81.57 5.06 0.00	129.06 7.40 -2.57	86.28 3.83 -30.25	77.52 3.29 -27.81	44.78 2.79 0.00
HEWLETT_69_KV_BK3 55828	36.63 2.61 -0.60	30.30 2.13 -1.44	30.01 2.14 -0.36	40.36 2.00 -11.59	28.97 1.96 0.00	39.27 2.34 -5.12	42.77 3.03 0.00	50.06 3.14 -10.53	40.96 3.26 -0.19	44.12 3.36 0.00	46.45 3.29 0.00	46.49 3.03 0.00	46.50 3.04 0.00	55.72 3.59 0.00	61.50 4.08 0.00	61.47 3.82 0.00	112.46 7.92 0.00	214.67 17.64 0.00	89.36 6.94 0.00	82.26 5.75 0.00	130.33 8.67 -2.57	88.09 4.45 -31.44	94.57 3.88 -44.28	45.38 3.39 0.00
HICKLING___1 23621	34.85 1.42 -0.01	27.46 0.73 0.00	27.97 0.46 0.00	27.15 0.38 0.00	27.34 0.33 0.00	32.44 0.63 0.00	40.73 0.95 -0.04	37.82 1.02 -0.41	39.12 1.11 -0.50	43.07 1.82 -0.49	44.85 1.50 -0.19	45.30 1.63 -0.21	45.58 1.92 -0.22	54.98 2.14 -0.72	60.52 2.09 -1.02	61.14 2.46 -1.04	110.93 4.64 -1.75	208.23 9.10 -2.09	87.92 3.72 -1.78	83.23 4.62 -2.09	127.92 6.74 -2.08	56.71 3.37 -1.15	50.14 3.48 -0.24	44.59 2.50 -0.09
HICKLING___2 23622	34.85 1.42 -0.01	27.46 0.73 0.00	27.97 0.46 0.00	27.15 0.38 0.00	27.34 0.33 0.00	32.44 0.63 0.00	40.73 0.95 -0.04	37.82 1.02 -0.41	39.12 1.11 -0.50	43.07 1.82 -0.49	44.85 1.50 -0.19	45.30 1.63 -0.21	45.58 1.92 -0.22	54.98 2.14 -0.72	60.52 2.09 -1.02	61.14 2.46 -1.04	110.93 4.64 -1.75	208.23 9.10 -2.09	87.92 3.72 -1.78	83.23 4.62 -2.09	127.92 6.74 -2.08	56.71 3.37 -1.15	50.14 3.48 -0.24	44.59 2.50 -0.09
HIGH FALLS___HY 23754	35.44 2.02 0.00	28.23 1.50 0.00	28.99 1.48 0.00	28.12 1.35 0.00	28.32 1.30 0.00	33.34 1.53 0.00	41.79 2.05 0.00	38.74 2.34 0.00	39.93 2.42 0.00	43.48 2.72 0.00	45.87 2.71 0.00	46.12 2.66 0.00	46.24 2.79 0.00	55.59 3.46 0.00	61.04 3.62 0.00	61.39 3.74 0.00	112.19 7.65 0.00	211.64 14.60 0.00	88.56 6.14 0.00	81.85 5.34 0.00	126.40 7.32 0.00	55.82 3.62 0.00	49.37 2.95 0.00	44.38 2.39 0.00
HIGH_RIVER___SOLAR 323847	34.86 1.44 0.00	27.82 1.10 0.00	28.65 1.15 0.00	27.85 1.07 0.00	28.12 1.10 0.00	33.12 1.31 0.00	41.43 1.68 0.00	38.01 1.61 0.00	38.82 1.31 0.00	41.98 1.23 0.00	44.41 1.24 0.00	45.03 1.57 0.00	44.49 1.04 0.00	53.16 1.03 0.00	59.19 1.77 0.00	59.38 1.73 0.00	106.79 2.25 0.00	203.50 6.47 0.00	85.32 2.90 0.00	79.78 3.27 0.00	124.29 5.20 0.00	54.68 2.48 0.00	48.59 2.17 0.00	43.82 1.83 0.00

HILLBURN___GT 23639	35.14 1.72 0.00	28.00 1.28 0.00	28.80 1.29 0.00	27.94 1.16 0.00	28.14 1.12 0.00	30.96 1.31 2.16	41.52 1.77 0.00	24.83 1.99 13.55	39.32 2.06 0.25	43.09 2.33 0.00	45.50 2.33 0.00	45.77 2.31 0.00	45.86 2.41 0.00	54.91 2.78 0.00	60.58 3.16 0.00	60.91 3.26 0.00	111.43 6.89 0.00	209.63 12.60 0.00	87.42 4.99 0.00	80.88 4.37 0.00	124.87 5.78 0.00	55.17 2.97 0.00	48.80 2.38 0.00	43.93 1.94 0.00
HILLSIDE_115KV_TB1 80332	34.29 0.87 -0.01	27.04 0.32 0.00	27.57 0.06 0.00	26.77 0.00 0.00	26.97 -0.05 0.00	31.99 0.18 0.00	40.19 0.41 -0.04	37.41 0.59 -0.43	38.69 0.66 -0.52	42.63 1.36 -0.51	44.28 0.92 -0.20	44.70 1.02 -0.22	45.01 1.33 -0.22	54.38 1.51 -0.74	59.84 1.38 -1.05	60.23 1.51 -1.07	109.32 2.96 -1.81	205.01 5.80 -2.17	86.57 2.30 -1.85	81.74 3.06 -2.17	125.48 4.23 -2.16	55.68 2.29 -1.19	49.16 2.49 -0.25	43.79 1.70 -0.09
HISHELDN_WT_PWR 323625	34.87 1.45 0.00	27.41 0.69 0.00	27.61 0.10 0.00	26.69 -0.08 0.00	26.81 -0.20 0.00	31.75 -0.06 0.00	39.69 -0.05 0.00	36.18 -0.21 0.00	37.52 0.01 0.00	41.50 0.74 0.00	43.97 0.81 0.00	44.73 1.28 0.00	44.96 1.51 0.00	53.60 1.47 0.00	58.93 1.52 0.00	60.35 2.71 0.00	108.24 3.70 0.00	204.19 7.15 0.00	84.93 2.50 0.00	80.41 3.90 0.00	125.31 6.22 0.00	58.75 3.58 -2.98	57.68 4.42 -6.84	45.38 3.39 0.00
HOLTSVILLE_IC_1 23690	35.84 1.82 -0.60	29.93 1.76 -1.44	29.65 1.78 -0.37	40.06 1.70 -11.59	28.67 1.65 0.00	38.87 1.95 -5.12	42.22 2.48 0.00	49.56 2.63 -10.53	40.40 2.70 -0.19	43.27 2.51 0.00	45.63 2.46 0.00	45.40 1.97 0.03	45.67 2.21 0.00	54.60 2.47 0.00	60.11 2.69 0.00	60.29 2.64 0.00	109.57 5.59 0.55	211.26 14.22 0.00	88.27 5.85 0.00	81.35 4.83 0.00	232.25 7.87 -105.28	97.83 4.02 -41.61	72.72 3.48 -22.82	44.84 2.85 0.00
HOLTSVILLE_IC_10 23699	36.09 2.07 -0.60	30.13 1.96 -1.44	29.83 1.96 -0.37	40.24 1.88 -11.59	28.85 1.83 0.00	39.10 2.18 -5.12	42.51 2.77 0.00	49.83 2.91 -10.53	40.70 3.00 -0.19	43.63 2.87 0.00	46.04 2.87 0.00	45.79 2.36 0.03	46.09 2.64 0.00	55.08 2.95 0.00	60.55 3.13 0.00	60.72 3.08 0.00	110.27 6.33 0.60	213.15 16.11 0.00	89.06 6.64 0.00	82.18 5.66 0.00	261.79 9.02 -133.68	101.64 4.56 -44.88	73.56 3.99 -23.16	45.26 3.26 0.00
HOLTSVILLE_IC_2 23691	35.84 1.82 -0.60	29.93 1.76 -1.44	29.65 1.78 -0.37	40.06 1.70 -11.59	28.67 1.65 0.00	38.87 1.95 -5.12	42.22 2.48 0.00	49.56 2.63 -10.53	40.40 2.70 -0.19	43.27 2.51 0.00	45.63 2.46 0.00	45.40 1.97 0.03	45.67 2.21 0.00	54.60 2.47 0.00	60.11 2.69 0.00	60.29 2.64 0.00	109.57 5.59 0.55	211.26 14.22 0.00	88.27 5.85 0.00	81.35 4.83 0.00	232.25 7.87 -105.28	97.83 4.02 -41.61	72.72 3.48 -22.82	44.84 2.85 0.00
HOLTSVILLE_IC_3 23692	35.84 1.82 -0.60	29.93 1.76 -1.44	29.65 1.78 -0.37	40.06 1.70 -11.59	28.67 1.65 0.00	38.87 1.95 -5.12	42.22 2.48 0.00	49.56 2.63 -10.53	40.40 2.70 -0.19	43.27 2.51 0.00	45.63 2.46 0.00	45.40 1.97 0.03	45.67 2.21 0.00	54.60 2.47 0.00	60.11 2.69 0.00	60.29 2.64 0.00	109.57 5.59 0.55	211.26 14.22 0.00	88.27 5.85 0.00	81.35 4.83 0.00	232.25 7.87 -105.28	97.83 4.02 -41.61	72.72 3.48 -22.82	44.84 2.85 0.00
HOLTSVILLE_IC_4 23693	35.84 1.82 -0.60	29.93 1.76 -1.44	29.65 1.78 -0.37	40.06 1.70 -11.59	28.67 1.65 0.00	38.87 1.95 -5.12	42.22 2.48 0.00	49.56 2.63 -10.53	40.40 2.70 -0.19	43.27 2.51 0.00	45.63 2.46 0.00	45.40 1.97 0.03	45.67 2.21 0.00	54.60 2.47 0.00	60.11 2.69 0.00	60.29 2.64 0.00	109.57 5.59 0.55	211.26 14.22 0.00	88.27 5.85 0.00	81.35 4.83 0.00	232.25 7.87 -105.28	97.83 4.02 -41.61	72.72 3.48 -22.82	44.84 2.85 0.00
HOLTSVILLE_IC_5 23694	35.84 1.82 -0.60	29.93 1.76 -1.44	29.65 1.78 -0.37	40.06 1.70 -11.59	28.67 1.65 0.00	38.87 1.95 -5.12	42.22 2.48 0.00	49.56 2.63 -10.53	40.40 2.70 -0.19	43.27 2.51 0.00	45.63 2.46 0.00	45.40 1.97 0.03	45.67 2.21 0.00	54.60 2.47 0.00	60.11 2.69 0.00	60.29 2.64 0.00	109.57 5.59 0.55	211.26 14.22 0.00	88.27 5.85 0.00	81.35 4.83 0.00	232.25 7.87 -105.28	97.83 4.02 -41.61	72.72 3.48 -22.82	44.84 2.85 0.00
HOLTSVILLE_IC_6 23695	36.09 2.07 -0.60	30.13 1.96 -1.44	29.83 1.96 -0.37	40.24 1.88 -11.59	28.85 1.83 0.00	39.10 2.18 -5.12	42.51 2.77 0.00	49.83 2.91 -10.53	40.70 3.00 -0.19	43.63 2.87 0.00	46.04 2.87 0.00	45.79 2.36 0.03	46.09 2.64 0.00	55.08 2.95 0.00	60.55 3.13 0.00	60.72 3.08 0.00	110.27 6.33 0.60	213.15 16.11 0.00	89.06 6.64 0.00	82.18 5.66 0.00	261.79 9.02 -133.68	101.64 4.56 -44.88	73.56 3.99 -23.16	45.26 3.26 0.00
HOLTSVILLE_IC_7 23696	36.09 2.07 -0.60	30.13 1.96 -1.44	29.83 1.96 -0.37	40.24 1.88 -11.59	28.85 1.83 0.00	39.10 2.18 -5.12	42.51 2.77 0.00	49.83 2.91 -10.53	40.70 3.00 -0.19	43.63 2.87 0.00	46.04 2.87 0.00	45.79 2.36 0.03	46.09 2.64 0.00	55.08 2.95 0.00	60.55 3.13 0.00	60.72 3.08 0.00	110.27 6.33 0.60	213.15 16.11 0.00	89.06 6.64 0.00	82.18 5.66 0.00	261.79 9.02 -133.68	101.64 4.56 -44.88	73.56 3.99 -23.16	45.26 3.26 0.00
HOLTSVILLE_IC_8 23697	36.09 2.07 -0.60	30.13 1.96 -1.44	29.83 1.96 -0.37	40.24 1.88 -11.59	28.85 1.83 0.00	39.10 2.18 -5.12	42.51 2.77 0.00	49.83 2.91 -10.53	40.70 3.00 -0.19	43.63 2.87 0.00	46.04 2.87 0.00	45.79 2.36 0.03	46.09 2.64 0.00	55.08 2.95 0.00	60.55 3.13 0.00	60.72 3.08 0.00	110.27 6.33 0.60	213.15 16.11 0.00	89.06 6.64 0.00	82.18 5.66 0.00	261.79 9.02 -133.68	101.64 4.56 -44.88	73.56 3.99 -23.16	45.26 3.26 0.00
HOLTSVILLE_IC_9 23698	36.09 2.07 -0.60	30.13 1.96 -1.44	29.83 1.96 -0.37	40.24 1.88 -11.59	28.85 1.83 0.00	39.10 2.18 -5.12	42.51 2.77 0.00	49.83 2.91 -10.53	40.70 3.00 -0.19	43.63 2.87 0.00	46.04 2.87 0.00	45.79 2.36 0.03	46.09 2.64 0.00	55.08 2.95 0.00	60.55 3.13 0.00	60.72 3.08 0.00	110.27 6.33 0.60	213.15 16.11 0.00	89.06 6.64 0.00	82.18 5.66 0.00	261.79 9.02 -133.68	101.64 4.56 -44.88	73.56 3.99 -23.16	45.26 3.26 0.00
HOMER_HL_115KV_TB2 355744	35.35 1.92 0.00	27.67 0.95 0.00	27.83 0.33 0.00	26.93 0.16 0.00	27.09 0.08 0.00	32.15 0.34 0.00	40.44 0.69 0.00	37.13 0.74 0.00	38.57 1.06 0.00	42.67 1.92 0.00	44.40 1.24 0.00	44.97 1.51 0.00	45.16 1.70 0.00	53.92 1.79 0.00	59.28 1.86 0.00	60.52 2.87 0.00	109.05 4.51 0.00	205.85 8.82 0.00	85.55 3.13 0.00	80.83 4.31 0.00	125.10 6.01 0.00	58.44 3.36 -2.88	57.51 4.44 -6.65	45.69 3.70 0.00
HOWARD_WT_PWR 323690	35.01 1.58 -0.01	27.60 0.87 0.00	28.02 0.51 0.00	27.18 0.41 0.00	27.27 0.26 0.00	32.42 0.62 0.00	40.52 0.75 -0.03	37.14 0.45 -0.30	38.35 0.48 -0.36	42.03 0.89 -0.39	44.24 0.93 -0.15	44.77 1.16 -0.15	44.57 0.96 -0.16	53.25 0.60 -0.52	58.65 0.50 -0.74	59.66 1.26 -0.75	108.44 2.63 -1.27	203.26 4.70 -1.52	85.74 2.03 -1.29	82.45 4.42 -1.51	127.88 7.28 -1.51	57.94 3.56 -2.19	53.65 4.21 -3.02	44.82 2.76 -0.06

HQ_GEN_CEDARS 23644	32.72 -0.70 0.00	26.18 -0.54 0.00	26.94 -0.57 0.00	26.41 -0.36 0.00	26.63 -0.38 0.00	31.28 -0.53 0.00	39.08 -0.67 0.00	35.65 -0.74 0.00	36.88 -0.63 0.00	39.90 -0.86 0.00	42.34 -0.82 0.00	42.47 -0.99 0.00	42.34 -1.12 0.00	51.01 -1.13 0.00	56.18 -1.24 0.00	56.43 -1.22 0.00	101.33 -3.21 0.00	190.22 -6.81 0.00	79.77 -2.66 0.00	73.87 -2.65 0.00	115.90 -3.19 0.00	50.26 -1.94 0.00	44.52 -1.90 0.00	40.83 -1.17 0.00
HQ_GEN_CEDARS_PROXY 323590	32.72 -0.70 0.00	26.18 -0.54 0.00	26.94 -0.57 0.00	26.41 -0.36 0.00	26.63 -0.38 0.00	31.28 -0.53 0.00	39.08 -0.67 0.00	35.65 -0.74 0.00	36.88 -0.63 0.00	39.90 -0.86 0.00	42.34 -0.82 0.00	42.47 -0.99 0.00	41.00 -1.12 1.34	51.83 -1.12 -0.82	56.18 -1.24 0.00	56.43 -1.22 0.00	49.38 -3.21 51.96	96.37 -6.81 93.85	33.27 -2.66 46.49	39.48 -2.65 34.38	39.09 -3.19 76.81	24.00 -1.94 26.25	22.06 -1.90 22.46	41.00 -1.17 -0.18
HQ_GEN_IMPORT 323601	32.77 -0.66 0.00	26.27 -0.45 0.00	27.08 -0.43 0.00	26.45 -0.32 0.00	26.68 -0.34 0.00	29.46 -0.45 1.91	39.14 -0.61 0.00	35.68 -0.71 0.00	36.68 -0.61 0.22	42.67 -0.85 -2.77	42.31 -0.85 0.00	42.60 -0.86 0.00	42.54 -0.91 0.00	38.50 -0.84 12.79	0.00 -0.94 56.48	0.00 -0.93 56.72	100.08 -2.13 2.33	0.00 -4.08 192.96	0.00 -1.74 80.68	74.67 -1.84 0.00	116.65 -2.44 0.00	50.71 -1.49 0.00	45.00 -1.42 0.00	40.99 -1.00 0.00
HQ_GEN_WHEEL 23651	32.77 -0.66 0.00	26.27 -0.45 0.00	27.08 -0.43 0.00	26.45 -0.32 0.00	26.68 -0.34 0.00	29.46 -0.45 1.91	39.14 -0.61 0.00	35.68 -0.71 0.00	36.68 -0.61 0.22	42.67 -0.85 -2.77	42.31 -0.85 0.00	42.60 -0.86 0.00	42.54 -0.91 0.00	38.50 -0.84 12.79	0.00 -0.94 56.48	0.00 -0.93 56.72	100.08 -2.13 2.33	0.00 -4.08 192.96	0.00 -1.74 80.68	74.67 -1.84 0.00	116.65 -2.44 0.00	50.71 -1.49 0.00	45.00 -1.42 0.00	40.99 -1.00 0.00
HUDSON AVE_GT_3 23810	35.57 2.15 0.00	28.34 1.62 0.00	29.11 1.60 0.00	28.23 1.46 0.00	28.43 1.42 0.00	35.16 1.69 -1.66	42.01 2.27 0.00	49.38 2.55 -10.44	40.37 2.67 -0.19	43.68 2.93 0.00	46.13 2.97 0.00	46.38 2.93 0.00	46.54 3.09 0.00	55.56 3.43 0.00	61.31 3.89 0.00	61.46 3.81 0.00	112.39 7.85 0.00	211.78 14.75 0.00	88.19 5.77 0.00	81.37 4.86 0.00	125.68 6.60 0.00	55.65 3.45 0.00	49.28 2.86 0.00	44.43 2.44 0.00
HUDSON AVE_GT_4 23540	35.57 2.15 0.00	28.34 1.62 0.00	29.11 1.60 0.00	28.23 1.46 0.00	28.43 1.42 0.00	35.16 1.69 -1.66	42.01 2.27 0.00	49.38 2.55 -10.44	40.37 2.67 -0.19	43.68 2.93 0.00	46.13 2.97 0.00	46.38 2.93 0.00	46.54 3.09 0.00	55.56 3.43 0.00	61.31 3.89 0.00	61.46 3.81 0.00	112.39 7.85 0.00	211.78 14.75 0.00	88.19 5.77 0.00	81.37 4.86 0.00	125.68 6.60 0.00	55.65 3.45 0.00	49.28 2.86 0.00	44.43 2.44 0.00
HUDSON AVE_GT_5 23657	35.57 2.15 0.00	28.34 1.62 0.00	29.11 1.60 0.00	28.23 1.46 0.00	28.43 1.42 0.00	35.16 1.69 -1.66	42.01 2.27 0.00	49.38 2.55 -10.44	40.37 2.67 -0.19	43.68 2.93 0.00	46.13 2.97 0.00	46.38 2.93 0.00	46.54 3.09 0.00	55.56 3.43 0.00	61.31 3.89 0.00	61.46 3.81 0.00	112.39 7.85 0.00	211.78 14.75 0.00	88.19 5.77 0.00	81.37 4.86 0.00	125.68 6.60 0.00	55.65 3.45 0.00	49.28 2.86 0.00	44.43 2.44 0.00
HUDSON_AVE_10 24168	35.44 2.02 0.00	28.26 1.54 0.00	29.04 1.53 0.00	28.16 1.39 0.00	28.36 1.35 0.00	35.07 1.60 -1.66	41.87 2.13 0.00	49.29 2.46 -10.44	40.26 2.56 -0.19	43.57 2.81 0.00	46.01 2.84 0.00	46.26 2.81 0.00	46.38 2.93 0.00	55.38 3.25 0.00	61.09 3.67 0.00	61.28 3.63 0.00	112.08 7.54 0.00	211.19 14.15 0.00	87.99 5.57 0.00	81.15 4.64 0.00	125.27 6.18 0.00	55.48 3.28 0.00	49.11 2.70 0.00	44.35 2.36 0.00
HUDSON___115KV_TB 4 355613	35.16 1.74 0.00	28.07 1.35 0.00	28.97 1.46 0.00	28.11 1.34 0.00	28.40 1.39 0.00	33.68 1.64 -0.23	41.81 2.07 0.00	39.70 1.97 -1.34	39.41 1.90 0.00	42.72 1.96 0.00	45.28 2.11 0.00	45.56 2.10 0.00	45.36 1.90 0.00	54.40 2.27 0.00	60.48 3.06 0.00	59.82 2.17 0.00	108.87 4.33 0.00	205.37 8.34 0.00	86.19 3.77 0.00	80.31 3.80 0.00	125.06 5.97 0.00	55.02 2.82 0.00	48.89 2.47 0.00	44.25 2.26 0.00
HUNTER MOUNT___DRP 323613	35.46 2.04 0.00	28.30 1.57 0.00	29.19 1.68 0.00	28.33 1.55 0.00	28.64 1.62 0.00	33.75 1.94 0.00	42.21 2.47 0.00	38.73 2.33 0.00	39.77 2.27 0.00	43.07 2.31 0.00	45.65 2.48 0.00	45.95 2.49 0.00	45.73 2.28 0.00	54.91 2.78 0.00	61.08 3.67 0.00	60.30 2.65 0.00	109.90 5.36 0.00	207.70 10.66 0.00	87.25 4.83 0.00	81.21 4.70 0.00	126.71 7.62 0.00	55.66 3.47 0.00	49.46 3.04 0.00	44.68 2.69 0.00
HUNTINGTON_RES_REC 323705	36.09 2.07 -0.60	30.12 1.95 -1.44	29.84 1.96 -0.37	40.28 1.92 -11.59	28.89 1.88 0.00	39.14 2.22 -5.12	42.51 2.77 0.00	49.87 2.95 -10.53	40.71 3.01 -0.19	43.53 2.77 0.00	45.86 2.70 0.00	45.73 2.30 0.03	46.02 2.56 0.00	55.03 2.90 0.00	60.69 3.27 0.00	60.95 3.31 0.00	110.88 6.92 0.58	213.11 16.08 0.00	88.94 6.51 0.00	81.88 5.37 0.00	553.23 8.17 -425.98	134.67 4.06 -78.41	75.42 3.44 -25.56	44.83 2.84 0.00
HUNTLEY___63 23557	35.10 1.68 0.00	27.49 0.77 0.00	27.55 0.04 0.00	26.60 -0.18 0.00	26.76 -0.25 0.00	31.64 -0.17 0.00	39.53 -0.21 0.00	35.97 -0.42 0.00	37.45 -0.06 0.00	41.59 0.83 0.00	44.14 0.97 0.00	45.09 1.64 0.00	45.50 2.04 0.00	54.19 2.06 0.00	59.52 2.10 0.00	61.21 3.56 0.00	109.30 4.76 0.00	206.20 9.16 0.00	85.45 3.02 0.00	80.58 4.07 0.00	125.56 6.47 0.00	61.13 3.89 -5.05	63.16 5.01 -11.73	46.05 4.06 0.00
HUNTLEY___64 23558	35.10 1.68 0.00	27.49 0.77 0.00	27.55 0.04 0.00	26.60 -0.18 0.00	26.76 -0.25 0.00	31.64 -0.17 0.00	39.53 -0.21 0.00	35.97 -0.42 0.00	37.45 -0.06 0.00	41.59 0.83 0.00	44.14 0.97 0.00	45.09 1.64 0.00	45.50 2.04 0.00	54.19 2.06 0.00	59.52 2.10 0.00	61.21 3.56 0.00	109.30 4.76 0.00	206.20 9.16 0.00	85.45 3.02 0.00	80.58 4.07 0.00	125.56 6.47 0.00	61.13 3.89 -5.05	63.16 5.01 -11.73	46.05 4.06 0.00
HUNTLEY___65 23559	35.10 1.68 0.00	27.49 0.77 0.00	27.55 0.04 0.00	26.60 -0.18 0.00	26.76 -0.25 0.00	31.64 -0.17 0.00	39.53 -0.21 0.00	35.97 -0.42 0.00	37.45 -0.06 0.00	41.59 0.83 0.00	44.14 0.97 0.00	45.09 1.64 0.00	45.50 2.04 0.00	54.19 2.06 0.00	59.52 2.10 0.00	61.21 3.56 0.00	109.30 4.76 0.00	206.20 9.16 0.00	85.45 3.02 0.00	80.58 4.07 0.00	125.56 6.47 0.00	61.13 3.89 -5.05	63.16 5.01 -11.73	46.05 4.06 0.00
HUNTLEY___66 23560	35.10 1.68 0.00	27.49 0.77 0.00	27.55 0.04 0.00	26.60 -0.18 0.00	26.76 -0.25 0.00	31.64 -0.17 0.00	39.53 -0.21 0.00	35.97 -0.42 0.00	37.45 -0.06 0.00	41.59 0.83 0.00	44.14 0.97 0.00	45.09 1.64 0.00	45.50 2.04 0.00	54.19 2.06 0.00	59.52 2.10 0.00	61.21 3.56 0.00	109.30 4.76 0.00	206.20 9.16 0.00	85.45 3.02 0.00	80.58 4.07 0.00	125.56 6.47 0.00	61.13 3.89 -5.05	63.16 5.01 -11.73	46.05 4.06 0.00

HUNTLEY___67 23561	34.79 1.37 0.00	27.29 0.56 0.00	27.36 -0.15 0.00	26.43 -0.34 0.00	26.58 -0.44 0.00	31.44 -0.37 0.00	39.29 -0.45 0.00	35.78 -0.61 0.00	37.20 -0.31 0.00	41.28 0.52 0.00	43.79 0.62 0.00	44.69 1.23 0.00	45.03 1.58 0.00	53.71 1.58 0.00	59.02 1.60 0.00	60.59 2.94 0.00	108.31 3.78 0.00	204.54 7.50 0.00	84.75 2.33 0.00	79.97 3.46 0.00	124.57 5.48 0.00	58.88 3.42 -3.27	58.44 4.56 -7.46	45.56 3.57 0.00
HUNTLEY___68 23562	34.79 1.37 0.00	27.29 0.56 0.00	27.36 -0.15 0.00	26.43 -0.34 0.00	26.58 -0.44 0.00	31.44 -0.37 0.00	39.29 -0.45 0.00	35.78 -0.61 0.00	37.20 -0.31 0.00	41.28 0.52 0.00	43.79 0.62 0.00	44.69 1.23 0.00	45.03 1.58 0.00	53.71 1.58 0.00	59.02 1.60 0.00	60.59 2.94 0.00	108.31 3.78 0.00	204.54 7.50 0.00	84.75 2.33 0.00	79.97 3.46 0.00	124.57 5.48 0.00	58.88 3.42 -3.27	58.44 4.56 -7.46	45.56 3.57 0.00
HYLAND___LFGE 323620	36.24 2.82 0.00	28.74 2.01 0.00	29.07 1.56 0.00	28.12 1.35 0.00	28.31 1.29 0.00	33.60 1.79 0.00	42.12 2.38 0.00	38.31 1.92 0.00	38.73 1.22 0.00	41.65 0.89 0.00	44.06 0.90 0.00	44.56 1.11 0.00	44.59 1.14 0.00	52.99 0.86 0.00	57.20 -0.22 0.00	56.80 -0.85 0.00	99.04 -5.50 0.00	185.56 -11.48 0.00	78.26 -4.16 0.00	76.07 -0.44 0.00	128.39 9.31 0.00	57.77 5.57 0.00	52.01 5.52 -0.07	46.14 4.15 0.00
INDECK___CORINTH 23802	35.76 2.34 0.00	28.39 1.67 0.00	29.34 1.83 0.00	28.49 1.72 0.00	28.86 1.84 0.00	34.33 2.26 -0.26	42.75 3.01 0.00	40.79 2.76 -1.64	40.15 2.61 -0.03	43.58 2.82 0.00	45.99 2.83 0.00	46.22 2.76 0.00	45.98 2.52 0.00	54.77 2.64 0.00	60.62 3.20 0.00	60.98 3.34 0.00	110.82 6.28 0.00	210.24 13.20 0.00	88.73 6.30 0.00	82.30 5.79 0.00	128.60 9.51 0.00	56.22 4.02 0.00	49.85 3.43 0.00	44.95 2.96 0.00
INDECK___ILION 23567	33.96 0.54 0.00	27.14 0.41 0.00	27.96 0.45 0.00	27.17 0.40 0.00	27.44 0.43 0.00	32.36 0.54 0.00	40.47 0.73 0.00	37.16 0.77 0.00	38.15 0.64 0.00	41.55 0.79 0.00	44.01 0.85 0.00	44.22 0.76 0.00	44.12 0.66 0.00	52.87 0.74 0.00	58.36 0.94 0.00	58.09 0.44 0.00	105.97 1.43 0.00	199.45 2.42 0.00	83.69 1.26 0.00	77.95 1.44 0.00	121.24 2.15 0.00	53.35 1.15 0.00	47.46 1.04 0.00	42.79 0.80 0.00
INDECK___OLEAN 23982	35.35 1.92 0.00	27.67 0.95 0.00	27.83 0.32 0.00	26.93 0.16 0.00	27.09 0.08 0.00	32.15 0.35 0.00	40.44 0.70 0.00	37.14 0.74 0.00	38.57 1.06 0.00	42.68 1.92 0.00	44.40 1.24 0.00	44.99 1.53 0.00	45.16 1.71 0.00	53.93 1.80 0.00	59.28 1.86 0.00	60.52 2.88 0.00	109.04 4.49 0.00	205.87 8.84 0.00	85.56 3.13 0.00	80.84 4.33 0.00	125.11 6.02 0.00	58.43 3.35 -2.88	57.53 4.46 -6.65	45.69 3.70 0.00
INDECK___OSWEGO 23783	33.14 -0.33 -0.05	26.34 -0.39 0.00	27.03 -0.48 0.00	26.25 -0.52 0.00	26.49 -0.52 0.00	31.26 -0.55 0.00	39.40 -0.62 -0.28	39.05 -0.52 -3.18	40.69 -0.69 -3.88	43.85 -0.68 -3.78	43.81 -0.81 -1.46	44.26 -0.82 -1.62	44.39 -0.72 -1.66	56.67 -0.98 -5.52	64.06 -1.18 -7.82	64.55 -1.07 -7.97	116.05 -1.96 -13.47	209.49 -3.66 -16.12	94.78 -1.34 -13.70	91.77 -0.84 -16.09	133.80 -1.34 -16.05	60.55 -0.46 -8.81	47.90 -0.40 -1.88	42.08 -0.60 -0.69
INDECK___YERKES 23781	35.14 1.72 0.00	27.53 0.81 0.00	27.58 0.07 0.00	26.62 -0.15 0.00	26.79 -0.23 0.00	31.68 -0.13 0.00	39.58 -0.16 0.00	36.03 -0.37 0.00	37.50 -0.01 0.00	41.65 0.89 0.00	44.20 1.04 0.00	45.15 1.69 0.00	45.55 2.10 0.00	54.27 2.14 0.00	59.60 2.18 0.00	61.28 3.64 0.00	109.42 4.87 0.00	206.50 9.46 0.00	85.54 3.12 0.00	80.72 4.20 0.00	125.77 6.68 0.00	61.21 3.97 -5.05	63.24 5.09 -11.73	46.11 4.12 0.00
INDIAN POINT_GT_1 24139	35.15 1.73 0.00	28.03 1.31 0.00	28.83 1.32 0.00	27.97 1.19 0.00	28.18 1.17 0.00	35.12 1.36 -1.95	41.57 1.83 0.00	50.70 2.06 -12.25	39.85 2.12 -0.22	43.11 2.35 0.00	45.54 2.37 0.00	45.78 2.32 0.00	45.86 2.41 0.00	54.85 2.72 0.00	60.51 3.09 0.00	60.74 3.09 0.00	111.08 6.55 0.00	209.28 12.24 0.00	87.27 4.85 0.00	80.67 4.16 0.00	124.67 5.58 0.00	55.12 2.92 0.00	48.82 2.40 0.00	43.98 1.99 0.00
INDIAN POINT_GT_2 23659	35.15 1.73 0.00	28.03 1.31 0.00	28.83 1.32 0.00	27.97 1.19 0.00	28.18 1.17 0.00	35.12 1.36 -1.95	41.57 1.83 0.00	50.70 2.06 -12.25	39.85 2.12 -0.22	43.11 2.35 0.00	45.54 2.37 0.00	45.78 2.32 0.00	45.86 2.41 0.00	54.85 2.72 0.00	60.51 3.09 0.00	60.74 3.09 0.00	111.08 6.55 0.00	209.28 12.24 0.00	87.27 4.85 0.00	80.67 4.16 0.00	124.67 5.58 0.00	55.12 2.92 0.00	48.82 2.40 0.00	43.98 1.99 0.00
INDIAN POINT_GT_3 24019	35.15 1.73 0.00	28.03 1.31 0.00	28.83 1.32 0.00	27.97 1.19 0.00	28.18 1.17 0.00	35.12 1.36 -1.95	41.57 1.83 0.00	50.70 2.06 -12.25	39.85 2.12 -0.22	43.11 2.35 0.00	45.54 2.37 0.00	45.78 2.32 0.00	45.86 2.41 0.00	54.85 2.72 0.00	60.51 3.09 0.00	60.74 3.09 0.00	111.08 6.55 0.00	209.28 12.24 0.00	87.27 4.85 0.00	80.67 4.16 0.00	124.67 5.58 0.00	55.12 2.92 0.00	48.82 2.40 0.00	43.98 1.99 0.00
INDIAN POINT___2 23530	35.10 1.68 0.00	27.98 1.26 0.00	28.78 1.28 0.00	27.92 1.15 0.00	28.13 1.12 0.00	35.76 1.31 -2.64	41.50 1.76 0.00	54.93 1.99 -16.55	39.85 2.04 -0.30	43.03 2.27 0.00	45.45 2.29 0.00	45.69 2.23 0.00	45.78 2.33 0.00	54.75 2.62 0.00	60.40 2.98 0.00	60.67 3.02 0.00	110.92 6.38 0.00	208.89 11.85 0.00	87.11 4.69 0.00	80.53 4.02 0.00	124.46 5.38 0.00	55.01 2.81 0.00	48.72 2.30 0.00	43.89 1.90 0.00
INDIAN POINT___3 23531	35.09 1.66 0.00	27.98 1.25 0.00	28.78 1.27 0.00	27.92 1.15 0.00	28.13 1.12 0.00	35.12 1.31 -2.00	41.49 1.75 0.00	50.94 1.98 -12.57	39.76 2.02 -0.23	43.01 2.25 0.00	45.44 2.28 0.00	45.67 2.21 0.00	45.75 2.30 0.00	54.72 2.59 0.00	60.35 2.93 0.00	60.59 2.94 0.00	110.80 6.26 0.00	208.74 11.70 0.00	87.05 4.63 0.00	80.46 3.94 0.00	124.36 5.28 0.00	54.97 2.76 0.00	48.68 2.26 0.00	43.87 1.88 0.00
INGHAM_C_115KV_TB7 356103	34.23 0.80 0.00	27.34 0.61 0.00	28.22 0.71 0.00	27.41 0.64 0.00	27.70 0.69 0.00	32.69 0.88 0.00	40.92 1.18 0.00	37.64 1.25 0.00	38.50 0.99 0.00	41.99 1.23 0.00	44.48 1.32 0.00	44.56 1.10 0.00	44.31 0.86 0.00	53.14 1.01 0.00	58.82 1.40 0.00	57.92 0.27 0.00	106.31 1.77 0.00	199.43 2.39 0.00	84.06 1.64 0.00	78.63 2.12 0.00	122.28 3.18 0.00	53.97 1.77 0.00	48.04 1.62 0.00	43.28 1.29 0.00
IP CORINTH___1 23988	35.96 2.54 0.00	28.54 1.82 0.00	29.49 1.98 0.00	28.64 1.86 0.00	29.00 1.98 0.00	34.50 2.43 -0.26	42.98 3.24 0.00	41.00 2.97 -1.64	40.37 2.84 -0.03	43.82 3.06 0.00	46.25 3.09 0.00	46.48 3.02 0.00	46.24 2.78 0.00	55.07 2.94 0.00	60.96 3.54 0.00	61.33 3.68 0.00	111.44 6.89 0.00	211.42 14.38 0.00	89.22 6.80 0.00	82.76 6.25 0.00	129.32 10.23 0.00	56.55 4.35 0.00	50.15 3.73 0.00	45.21 3.22 0.00

IP___TICONDEROGA 23804	38.11 4.69 0.00	30.01 3.29 0.00	31.10 3.59 0.00	30.27 3.50 0.00	30.77 3.76 0.00	36.78 4.71 -0.26	46.28 6.54 0.00	43.79 5.75 -1.65	42.97 5.44 -0.03	46.59 5.83 0.00	49.58 6.41 0.00	49.58 6.12 0.00	48.89 5.44 0.00	58.52 6.39 0.00	64.77 7.35 0.00	64.79 7.15 0.00	120.30 15.76 0.00	230.55 33.52 0.00	96.65 14.23 0.00	88.87 12.36 0.00	138.50 19.41 0.00	60.09 7.89 0.00	53.36 6.94 0.00	48.30 6.31 0.00
ISLIP_RES_REC 323679	36.32 2.31 -0.60	30.30 2.12 -1.44	30.00 2.13 -0.37	40.40 2.04 -11.59	29.02 2.01 0.00	39.31 2.38 -5.12	42.78 3.04 0.00	50.10 3.18 -10.53	41.02 3.32 -0.19	44.00 3.24 0.00	46.45 3.28 0.00	46.20 2.77 0.03	46.51 3.05 0.00	55.62 3.49 0.00	61.15 3.73 0.00	61.39 3.75 0.00	111.44 7.53 0.63	215.51 18.47 0.00	89.97 7.55 0.00	82.95 6.44 0.00	250.55 10.21 -121.25	100.72 5.06 -43.46	73.94 4.39 -23.13	45.60 3.61 0.00
JAMAICA__27_KV_LOAD 355505	35.74 2.31 0.00	28.54 1.81 0.00	29.34 1.83 0.00	28.41 1.64 0.00	28.62 1.61 0.00	35.39 1.91 -1.66	42.23 2.49 0.00	49.66 2.83 -10.44	40.61 2.91 -0.19	43.98 3.22 0.00	46.48 3.32 0.00	46.72 3.26 0.00	46.77 3.32 0.00	55.79 3.65 0.00	61.59 4.18 0.00	61.93 4.28 0.00	113.30 8.76 0.00	213.49 16.45 0.00	89.12 6.70 0.00	82.21 5.70 0.00	126.77 7.68 0.00	56.07 3.87 0.00	49.60 3.18 0.00	44.97 2.97 0.00
JANIS___SOLAR 323808	35.40 1.97 -0.01	28.11 1.39 0.00	28.76 1.25 0.00	28.03 1.26 0.00	28.21 1.20 0.00	33.38 1.57 0.00	42.03 2.23 -0.05	39.28 2.26 -0.62	40.71 2.45 -0.75	44.56 3.06 -0.74	46.49 3.04 -0.29	46.28 2.51 -0.32	46.78 3.00 -0.32	56.26 3.05 -1.07	61.84 2.90 -1.52	62.22 3.02 -1.55	113.64 6.47 -2.62	211.38 11.20 -3.14	90.71 5.62 -2.67	86.28 6.63 -3.14	132.36 10.15 -3.13	58.63 4.71 -1.72	51.02 4.23 -0.37	45.41 3.28 -0.13
JARVIS____ 23743	33.66 0.23 0.00	26.91 0.18 0.00	27.71 0.20 0.00	26.94 0.16 0.00	27.19 0.17 0.00	32.03 0.22 0.00	40.03 0.29 0.00	36.72 0.32 0.00	37.79 0.28 0.00	41.11 0.35 0.00	43.53 0.37 0.00	43.82 0.36 0.00	43.79 0.34 0.00	52.44 0.31 0.00	57.76 0.35 0.00	57.94 0.29 0.00	105.26 0.72 0.00	198.35 1.31 0.00	83.01 0.59 0.00	77.12 0.60 0.00	119.95 0.86 0.00	52.71 0.51 0.00	46.89 0.47 0.00	42.32 0.33 0.00
JENNISON___1 23625	34.94 1.51 -0.01	27.87 1.15 0.00	28.50 0.99 0.00	27.90 1.12 0.00	28.10 1.08 0.00	33.22 1.41 0.00	41.79 2.01 -0.04	39.06 2.23 -0.43	40.42 2.39 -0.53	44.35 3.08 -0.52	46.41 3.04 -0.20	46.51 2.84 -0.22	46.93 3.25 -0.22	56.57 3.68 -0.75	61.93 3.45 -1.07	61.53 2.79 -1.09	112.23 5.85 -1.84	209.93 10.70 -2.20	89.16 4.86 -1.87	84.58 5.87 -2.20	129.62 8.34 -2.19	57.50 4.10 -1.20	50.52 3.84 -0.26	45.18 3.09 -0.09
JENNISON___2 23626	34.94 1.51 -0.01	27.87 1.15 0.00	28.50 0.99 0.00	27.90 1.12 0.00	28.10 1.08 0.00	33.22 1.41 0.00	41.79 2.01 -0.04	39.06 2.23 -0.43	40.42 2.39 -0.53	44.35 3.08 -0.52	46.41 3.04 -0.20	46.51 2.84 -0.22	46.93 3.25 -0.22	56.57 3.68 -0.75	61.93 3.45 -1.07	61.53 2.79 -1.09	112.23 5.85 -1.84	209.93 10.70 -2.20	89.16 4.86 -1.87	84.58 5.87 -2.20	129.62 8.34 -2.19	57.50 4.10 -1.20	50.52 3.84 -0.26	45.18 3.09 -0.09
JERICHO_RISE_WT_PWR 323719	32.80 -0.62 0.00	26.23 -0.49 0.00	26.89 -0.62 0.00	26.29 -0.48 0.00	26.36 -0.65 0.00	30.84 -0.97 0.00	38.81 -0.93 0.00	35.48 -0.91 0.00	36.81 -0.70 0.00	40.08 -0.68 0.00	42.72 -0.44 0.00	42.77 -0.69 0.00	42.53 -0.92 0.00	51.30 -0.83 0.00	56.46 -0.96 0.00	56.48 -1.17 0.00	101.24 -3.30 0.00	192.19 -4.84 0.00	80.33 -2.09 0.00	73.99 -2.53 0.00	115.81 -3.28 0.00	50.27 -1.94 0.00	44.49 -1.92 0.00	40.55 -1.44 0.00
KATONAH___115KV_46KV_TB4 355592	35.44 2.02 0.00	28.23 1.51 0.00	29.03 1.53 0.00	28.16 1.39 0.00	28.39 1.38 0.00	34.46 1.63 -1.02	41.96 2.22 0.00	45.16 2.43 -6.34	40.13 2.50 -0.12	43.53 2.77 0.00	46.01 2.85 0.00	46.28 2.82 0.00	46.39 2.94 0.00	55.50 3.37 0.00	61.22 3.81 0.00	61.44 3.80 0.00	112.30 7.76 0.00	211.73 14.70 0.00	88.30 5.87 0.00	81.56 5.05 0.00	125.99 6.90 0.00	55.65 3.45 0.00	49.31 2.89 0.00	44.39 2.40 0.00
KCE_NY_1 323755	35.87 2.45 0.00	28.50 1.77 0.00	29.41 1.90 0.00	28.54 1.77 0.00	28.87 1.86 0.00	34.38 2.30 -0.27	42.73 2.98 0.00	40.85 2.78 -1.68	40.21 2.67 -0.03	43.68 2.92 0.00	46.24 3.08 0.00	46.54 3.09 0.00	46.41 2.96 0.00	55.41 3.28 0.00	61.28 3.86 0.00	61.38 3.73 0.00	111.68 7.14 0.00	210.96 13.93 0.00	88.80 6.38 0.00	82.48 5.97 0.00	128.44 9.35 0.00	56.29 4.09 0.00	49.94 3.51 0.00	45.05 3.06 0.00
KCE_NY_6_ESR 323823	35.30 1.88 0.00	27.67 0.94 0.00	27.76 0.25 0.00	26.81 0.04 0.00	26.97 -0.05 0.00	31.91 0.10 0.00	39.93 0.18 0.00	36.42 0.03 0.00	37.87 0.36 0.00	42.01 1.26 0.00	44.54 1.37 0.00	45.39 1.94 0.00	45.75 2.29 0.00	54.62 2.49 0.00	60.06 2.65 0.00	61.61 3.97 0.00	110.19 5.65 0.00	208.42 11.39 0.00	86.38 3.95 0.00	81.59 5.07 0.00	126.98 7.89 0.00	60.30 4.40 -3.70	60.29 5.32 -8.55	46.18 4.19 0.00
KEDC_PORT_JEFF_GT2 24210	35.98 1.96 -0.60	30.07 1.90 -1.44	29.78 1.90 -0.37	40.19 1.82 -11.59	28.79 1.78 0.00	39.02 2.10 -5.12	42.42 2.67 0.00	49.74 2.82 -10.53	40.61 2.91 -0.19	43.50 2.74 0.00	45.85 2.69 0.00	45.58 2.16 0.03	45.88 2.43 0.00	54.69 2.56 0.00	60.03 2.61 0.00	60.25 2.60 0.00	109.48 5.52 0.58	211.34 14.31 0.00	88.29 5.87 0.00	81.33 4.82 0.00	280.56 7.83 -153.64	103.32 3.96 -47.16	73.22 3.52 -23.28	45.00 3.01 0.00
KEDC_PORT_JEFF_GT3 24211	35.98 1.96 -0.60	30.07 1.90 -1.44	29.78 1.90 -0.37	40.19 1.82 -11.59	28.79 1.78 0.00	39.02 2.10 -5.12	42.42 2.67 0.00	49.74 2.82 -10.53	40.61 2.91 -0.19	43.50 2.74 0.00	45.85 2.69 0.00	45.58 2.16 0.03	45.88 2.43 0.00	54.69 2.56 0.00	60.03 2.61 0.00	60.25 2.60 0.00	109.48 5.52 0.58	211.34 14.31 0.00	88.29 5.87 0.00	81.33 4.82 0.00	280.56 7.83 -153.64	103.32 3.96 -47.16	73.22 3.52 -23.28	45.00 3.01 0.00
KEDC_GLWD_GT4 24219	36.46 2.45 -0.60	30.19 2.02 -1.44	29.90 2.02 -0.37	40.26 1.90 -11.59	28.87 1.86 0.00	39.14 2.22 -5.12	42.62 2.88 0.00	49.97 3.05 -10.53	40.87 3.17 -0.19	44.02 3.26 0.00	46.12 2.95 0.00	46.06 2.61 0.01	46.27 2.82 0.00	55.46 3.33 0.00	61.24 3.82 0.00	61.49 3.84 0.00	111.08 7.99 1.46	213.60 16.57 0.00	89.00 6.57 0.00	81.99 5.47 0.00	129.55 7.89 -2.57	86.43 3.98 -30.24	77.63 3.48 -27.72	45.10 3.10 0.00
KEDC_GLWD_GT5 24220	36.46 2.45 -0.60	30.19 2.02 -1.44	29.90 2.02 -0.37	40.26 1.90 -11.59	28.87 1.86 0.00	39.14 2.22 -5.12	42.62 2.88 0.00	49.97 3.05 -10.53	40.87 3.17 -0.19	44.02 3.26 0.00	46.12 2.95 0.00	46.06 2.61 0.01	46.27 2.82 0.00	55.46 3.33 0.00	61.24 3.82 0.00	61.49 3.84 0.00	111.08 7.99 1.46	213.60 16.57 0.00	89.00 6.57 0.00	81.99 5.47 0.00	129.55 7.89 -2.57	86.43 3.98 -30.24	77.63 3.48 -27.72	45.10 3.10 0.00

KENSICO____ 23655	35.27 1.85 0.00	28.12 1.40 0.00	28.92 1.41 0.00	28.05 1.28 0.00	28.27 1.25 0.00	35.06 1.48 -1.78	41.73 1.99 0.00	49.74 2.21 -11.13	39.99 2.28 -0.20	43.27 2.51 0.00	45.71 2.55 0.00	45.95 2.49 0.00	46.05 2.59 0.00	55.04 2.91 0.00	60.73 3.31 0.00	60.92 3.27 0.00	111.39 6.85 0.00	209.98 12.94 0.00	87.54 5.12 0.00	80.86 4.35 0.00	125.00 5.91 0.00	55.25 3.06 0.00	48.95 2.54 0.00	44.12 2.13 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.43 2.01 0.00	28.22 1.49 0.00	28.99 1.48 0.00	28.11 1.34 0.00	28.32 1.31 0.00	33.36 1.55 0.00	41.82 2.08 0.00	38.60 2.32 0.12	39.87 2.39 0.03	43.44 2.68 0.00	45.87 2.71 0.00	46.11 2.65 0.00	46.23 2.78 0.00	55.55 3.42 0.00	60.98 3.56 0.00	61.26 3.61 0.00	112.08 7.54 0.00	211.41 14.37 0.00	88.53 6.10 0.00	81.83 5.32 0.00	126.49 7.41 0.00	55.82 3.62 0.00	49.39 2.97 0.00	44.40 2.41 0.00
KIAC_JFK_GT1 23816	35.34 1.92 0.00	28.23 1.51 0.00	29.12 1.61 0.00	28.22 1.44 0.00	28.42 1.41 0.00	35.10 1.63 -1.66	41.80 2.05 0.00	49.26 2.43 -10.44	40.18 2.48 -0.19	43.51 2.75 0.00	45.97 2.81 0.00	46.21 2.75 0.00	46.27 2.82 0.00	55.20 3.07 0.00	60.93 3.51 0.00	61.22 3.57 0.00	111.99 7.45 0.00	211.04 14.00 0.00	88.05 5.62 0.00	81.22 4.71 0.00	125.25 6.16 0.00	55.40 3.20 0.00	49.01 2.59 0.00	44.43 2.44 0.00
KIAC_JFK_GT2 23817	35.34 1.92 0.00	28.23 1.51 0.00	29.12 1.61 0.00	28.22 1.44 0.00	28.42 1.41 0.00	35.10 1.63 -1.66	41.80 2.05 0.00	49.26 2.43 -10.44	40.18 2.48 -0.19	43.51 2.75 0.00	45.97 2.81 0.00	46.21 2.75 0.00	46.27 2.82 0.00	55.20 3.07 0.00	60.93 3.51 0.00	61.22 3.57 0.00	111.99 7.45 0.00	211.04 14.00 0.00	88.05 5.62 0.00	81.22 4.71 0.00	125.25 6.16 0.00	55.40 3.20 0.00	49.01 2.59 0.00	44.43 2.44 0.00
KIAC_JFK____ 323774	35.34 1.92 0.00	28.23 1.51 0.00	29.12 1.61 0.00	28.22 1.44 0.00	28.42 1.41 0.00	35.10 1.63 -1.66	41.80 2.05 0.00	49.26 2.43 -10.44	40.18 2.48 -0.19	43.52 2.76 0.00	45.97 2.81 0.00	46.21 2.75 0.00	46.27 2.82 0.00	55.20 3.07 0.00	60.93 3.52 0.00	61.21 3.56 0.00	111.99 7.45 0.00	211.03 13.99 0.00	88.05 5.62 0.00	81.22 4.70 0.00	125.25 6.16 0.00	55.40 3.20 0.00	49.00 2.58 0.00	44.43 2.44 0.00
KINTIGH____ 23543	34.48 1.06 0.00	27.12 0.39 0.00	27.28 -0.22 0.00	26.37 -0.41 0.00	26.55 -0.47 0.00	31.38 -0.43 0.00	39.24 -0.50 0.00	35.77 -0.63 0.00	37.12 -0.39 0.00	41.09 0.33 0.00	43.57 0.41 0.00	44.40 0.94 0.00	44.69 1.24 0.00	53.29 1.17 0.00	58.58 1.17 0.00	59.98 2.33 0.00	107.47 2.93 0.00	202.83 5.79 0.00	84.19 1.77 0.00	79.27 2.76 0.00	123.43 4.34 0.00	56.33 2.81 -1.32	53.58 3.84 -3.32	44.94 2.95 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.40 -0.02 0.00	26.83 0.11 0.00	27.48 -0.03 0.00	26.78 0.01 0.00	26.88 -0.13 0.00	31.27 -0.54 0.00	39.39 -0.36 0.00	36.03 -0.36 0.00	37.32 -0.19 0.00	40.89 0.13 0.00	43.73 0.56 0.00	43.64 0.19 0.00	43.28 -0.17 0.00	52.17 0.04 0.00	57.20 -0.22 0.00	57.12 -0.53 0.00	102.38 -2.16 0.00	195.49 -1.55 0.00	81.70 -0.72 0.00	74.83 -1.69 0.00	116.99 -2.10 0.00	50.99 -1.21 0.00	45.16 -1.26 0.00	41.15 -0.84 0.00
LACHUTE__HYDRO 323717	38.12 4.69 0.00	30.01 3.29 0.00	31.10 3.59 0.00	30.27 3.50 0.00	30.77 3.76 0.00	36.78 4.71 -0.26	46.28 6.54 0.00	43.79 5.75 -1.65	42.97 5.44 -0.03	46.59 5.83 0.00	49.58 6.41 0.00	49.58 6.12 0.00	48.89 5.44 0.00	58.52 6.39 0.00	64.77 7.35 0.00	64.79 7.14 0.00	120.30 15.76 0.00	230.55 33.52 0.00	96.65 14.23 0.00	88.87 12.36 0.00	138.50 19.41 0.00	60.09 7.89 0.00	53.36 6.94 0.00	48.30 6.31 0.00
LAWRNCV_115KV_TB1 80681	32.34 -1.08 0.00	25.82 -0.91 0.00	26.58 -0.93 0.00	26.03 -0.74 0.00	26.29 -0.73 0.00	30.89 -0.92 0.00	38.66 -1.10 -0.02	35.52 -1.07 -0.20	36.83 -0.92 -0.24	39.82 -1.17 -0.24	42.09 -1.17 -0.09	42.17 -1.39 -0.10	41.96 -1.59 -0.10	50.79 -1.68 -0.35	55.96 -1.94 -0.49	56.15 -1.99 -0.50	100.77 -4.62 -0.85	189.01 -9.04 -1.01	79.89 -3.40 -0.86	74.08 -3.25 -0.82	115.28 -3.81 0.00	49.87 -2.33 0.00	44.06 -2.36 0.00	40.24 -1.75 0.00
LEDERLE____ 23769	35.23 1.81 0.00	28.08 1.35 0.00	28.88 1.37 0.00	28.02 1.25 0.00	28.22 1.20 0.00	30.79 1.41 2.42	41.61 1.87 0.00	23.26 2.09 15.22	39.40 2.17 0.28	43.21 2.45 0.00	45.64 2.48 0.00	45.91 2.46 0.00	46.01 2.56 0.00	55.09 2.96 0.00	60.77 3.36 0.00	61.12 3.47 0.00	111.76 7.22 0.00	210.35 13.31 0.00	87.72 5.30 0.00	81.13 4.61 0.00	125.29 6.21 0.00	55.33 3.13 0.00	48.96 2.54 0.00	44.06 2.07 0.00
LIGHTRSE_115KV_TB6 355974	33.54 0.10 -0.03	26.54 -0.18 0.00	27.29 -0.22 0.00	26.47 -0.30 0.00	26.82 -0.19 0.00	31.68 -0.13 0.00	39.86 -0.03 -0.15	38.23 0.13 -1.71	39.79 0.20 -2.09	43.17 0.38 -2.03	44.21 0.26 -0.78	44.53 0.20 -0.87	44.62 0.28 -0.89	55.28 0.19 -2.97	61.40 -0.22 -4.20	61.71 -0.22 -4.28	111.15 -0.63 -7.24	204.81 -0.89 -8.67	89.95 0.16 -7.37	86.17 1.01 -8.65	129.89 2.18 -8.62	57.79 0.85 -4.74	47.92 0.49 -1.01	42.31 -0.06 -0.37
LINDEN COGEN____ 23786	35.28 1.86 0.00	28.11 1.39 0.00	28.89 1.38 0.00	28.01 1.23 0.00	28.20 1.19 0.00	34.87 1.41 -1.66	41.63 1.88 0.00	40.71 2.21 -2.10	40.04 2.34 -0.19	43.27 2.52 0.00	41.87 2.51 3.80	45.31 2.46 0.61	43.38 2.61 2.69	52.73 2.88 2.28	60.42 3.28 0.28	60.66 3.22 0.21	111.36 6.82 0.00	202.85 12.66 6.84	87.37 4.95 0.00	80.59 4.08 0.00	124.08 5.40 0.40	53.81 2.91 1.30	46.08 2.37 2.70	43.79 2.02 0.22
LINDHRST_69_KV_BK1 356055	36.61 2.59 -0.60	30.38 2.22 -1.44	30.10 2.23 -0.36	40.47 2.11 -11.59	29.07 2.06 0.00	39.38 2.46 -5.12	42.91 3.16 0.00	50.24 3.32 -10.53	41.14 3.44 -0.19	44.15 3.39 0.00	46.48 3.31 0.00	46.34 2.91 0.03	46.56 3.10 0.00	55.69 3.56 0.00	61.44 4.02 0.00	61.67 4.02 0.00	111.40 8.32 1.46	215.36 18.32 0.00	89.85 7.43 0.00	82.76 6.24 0.00	140.50 9.56 -11.85	88.06 4.82 -31.04	74.63 4.12 -24.09	45.41 3.42 0.00
LIPA_MISC_IPP 23656	35.73 1.71 -0.60	29.86 1.69 -1.44	29.58 1.70 -0.36	39.99 1.63 -11.59	28.60 1.59 0.00	38.79 1.86 -5.12	42.13 2.39 0.00	49.39 2.46 -10.53	40.24 2.54 -0.19	43.13 2.36 0.00	45.54 2.37 0.00	45.23 1.80 0.03	45.49 2.04 0.00	54.41 2.29 0.00	59.88 2.47 0.00	60.09 2.44 0.00	109.31 5.33 0.56	211.35 14.31 0.00	88.42 5.99 0.00	81.44 4.92 0.00	238.18 8.92 -110.17	98.80 4.43 -42.17	73.17 3.88 -22.87	45.14 3.15 0.00
LISF__SOLAR 323691	35.81 1.79 -0.60	29.93 1.76 -1.44	29.65 1.77 -0.37	40.05 1.69 -11.59	28.67 1.65 0.00	38.86 1.94 -5.12	42.23 2.49 0.00	49.48 2.56 -10.53	40.34 2.64 -0.19	43.22 2.47 0.00	45.65 2.48 0.00	45.32 1.89 0.03	45.58 2.12 0.00	54.54 2.41 0.00	60.04 2.62 0.00	60.23 2.58 0.00	109.59 5.61 0.57	211.98 14.94 0.00	88.70 6.28 0.00	81.73 5.22 0.00	243.97 9.47 -115.41	99.63 4.66 -42.78	73.42 4.06 -22.94	45.29 3.30 0.00

LITTLE FALLS___HYD 24013	34.23 0.80 0.00	27.34 0.61 0.00	28.22 0.71 0.00	27.41 0.64 0.00	27.70 0.69 0.00	32.69 0.88 0.00	40.92 1.18 0.00	37.64 1.25 0.00	38.50 0.99 0.00	41.99 1.23 0.00	44.48 1.32 0.00	44.56 1.10 0.00	44.31 0.86 0.00	53.14 1.01 0.00	58.82 1.40 0.00	57.92 0.27 0.00	106.31 1.77 0.00	199.43 2.39 0.00	84.06 1.64 0.00	78.63 2.12 0.00	122.28 3.18 0.00	53.97 1.77 0.00	48.04 1.62 0.00	43.28 1.29 0.00
LITTLRIV_115KV_TB1 356100	32.79 -0.64 0.00	26.17 -0.55 0.00	26.93 -0.58 0.00	26.39 -0.38 0.00	26.64 -0.37 0.00	31.33 -0.48 0.00	39.25 -0.51 -0.02	36.08 -0.53 -0.21	37.41 -0.36 -0.26	40.46 -0.56 -0.25	42.66 -0.60 -0.10	42.63 -0.94 -0.11	42.30 -1.26 -0.11	51.26 -1.24 -0.37	56.66 -1.29 -0.53	56.86 -1.33 -0.54	101.78 -3.67 -0.91	191.67 -6.46 -1.09	81.29 -2.06 -0.93	75.45 -2.15 -1.09	118.33 -1.84 -1.08	51.29 -1.50 -0.59	44.83 -1.72 -0.12	40.87 -1.17 -0.05
LI_NEWBRDGE___DRP 323616	35.99 1.97 -0.60	29.86 1.69 -1.44	29.58 1.71 -0.36	39.96 1.60 -11.59	28.57 1.56 0.00	38.78 1.85 -5.12	42.13 2.39 0.00	49.50 2.58 -10.53	40.34 2.64 -0.19	43.35 2.59 0.00	45.65 2.49 0.00	45.61 2.19 0.03	45.81 2.36 0.00	54.83 2.70 0.00	60.46 3.04 0.00	60.61 2.96 0.00	110.87 6.33 0.00	210.73 13.69 0.00	87.89 5.46 0.00	81.00 4.48 0.00	128.19 6.53 -2.57	85.41 3.45 -29.75	70.31 2.95 -20.94	44.46 2.47 0.00
LOCKPORT_115KV_TB60_63_64 80432	34.71 1.29 0.00	27.21 0.48 0.00	27.25 -0.26 0.00	26.31 -0.47 0.00	26.46 -0.55 0.00	31.30 -0.51 0.00	39.10 -0.64 0.00	35.57 -0.83 0.00	37.01 -0.50 0.00	41.09 0.34 0.00	43.63 0.46 0.00	44.55 1.10 0.00	44.92 1.46 0.00	53.51 1.38 0.00	58.79 1.37 0.00	60.44 2.79 0.00	107.87 3.33 0.00	203.73 6.69 0.00	84.45 2.03 0.00	79.72 3.21 0.00	124.33 5.24 0.00	63.49 3.37 -7.92	69.61 4.55 -18.63	45.58 3.59 0.00
LOCKPORT___CC1 323769	34.54 1.12 0.00	27.09 0.36 0.00	27.14 -0.37 0.00	26.19 -0.58 0.00	26.35 -0.66 0.00	31.16 -0.65 0.00	38.93 -0.82 0.00	35.40 -0.99 0.00	36.83 -0.68 0.00	40.89 0.13 0.00	43.41 0.25 0.00	44.34 0.88 0.00	44.70 1.25 0.00	53.24 1.12 0.00	58.48 1.06 0.00	60.10 2.46 0.00	107.28 2.73 0.00	202.55 5.52 0.00	83.96 1.54 0.00	79.32 2.80 0.00	123.62 4.53 0.00	62.54 3.09 -7.25	67.77 4.34 -17.01	45.36 3.37 0.00
LOCKPORT___CC2 323770	34.54 1.12 0.00	27.09 0.36 0.00	27.14 -0.37 0.00	26.19 -0.58 0.00	26.35 -0.66 0.00	31.16 -0.65 0.00	38.93 -0.82 0.00	35.40 -0.99 0.00	36.83 -0.68 0.00	40.89 0.13 0.00	43.41 0.25 0.00	44.34 0.88 0.00	44.70 1.25 0.00	53.24 1.12 0.00	58.48 1.06 0.00	60.10 2.46 0.00	107.28 2.73 0.00	202.55 5.52 0.00	83.96 1.54 0.00	79.32 2.80 0.00	123.62 4.53 0.00	62.54 3.09 -7.25	67.77 4.34 -17.01	45.36 3.37 0.00
LOCKPORT___CC3 323771	34.54 1.12 0.00	27.09 0.36 0.00	27.14 -0.37 0.00	26.19 -0.58 0.00	26.35 -0.66 0.00	31.16 -0.65 0.00	38.93 -0.82 0.00	35.40 -0.99 0.00	36.83 -0.68 0.00	40.89 0.13 0.00	43.41 0.25 0.00	44.34 0.88 0.00	44.70 1.25 0.00	53.24 1.12 0.00	58.48 1.06 0.00	60.10 2.46 0.00	107.28 2.73 0.00	202.55 5.52 0.00	83.96 1.54 0.00	79.32 2.80 0.00	123.62 4.53 0.00	62.54 3.09 -7.25	67.77 4.34 -17.01	45.36 3.37 0.00
LONG_LAKE_PHOENIX 24014	33.40 -0.06 -0.04	26.56 -0.17 0.00	27.23 -0.28 0.00	26.44 -0.33 0.00	26.67 -0.34 0.00	31.48 -0.33 0.00	39.61 -0.34 -0.21	38.57 -0.22 -2.40	40.18 -0.25 -2.93	43.53 -0.08 -2.86	44.09 -0.17 -1.10	44.53 -0.16 -1.22	44.69 -0.01 -1.25	56.12 -0.19 -4.17	63.11 -0.21 -5.91	63.66 -0.01 -6.02	114.50 -0.22 -10.18	209.09 -0.12 -12.18	92.86 0.08 -10.35	89.19 0.51 -12.16	131.91 0.70 -12.13	59.31 0.46 -6.66	48.29 0.45 -1.42	42.64 0.13 -0.52
LOVETT___3 23632	34.96 1.54 0.00	27.89 1.16 0.00	28.69 1.19 0.00	27.85 1.08 0.00	28.06 1.04 0.00	30.48 1.20 2.52	41.32 1.58 0.00	22.35 1.80 15.84	39.07 1.85 0.29	42.84 2.08 0.00	45.25 2.08 0.00	45.49 2.03 0.00	45.58 2.12 0.00	54.55 2.42 0.00	60.17 2.75 0.00	60.46 2.81 0.00	110.58 6.04 0.00	208.18 11.14 0.00	86.82 4.40 0.00	80.29 3.78 0.00	124.04 4.95 0.00	54.80 2.60 0.00	48.51 2.08 0.00	43.69 1.70 0.00
LOVETT___4 23642	34.96 1.54 0.00	27.89 1.16 0.00	28.69 1.19 0.00	27.85 1.08 0.00	28.06 1.04 0.00	30.48 1.20 2.52	41.32 1.58 0.00	22.35 1.80 15.84	39.07 1.85 0.29	42.84 2.08 0.00	45.25 2.08 0.00	45.49 2.03 0.00	45.58 2.12 0.00	54.55 2.42 0.00	60.17 2.75 0.00	60.46 2.81 0.00	110.58 6.04 0.00	208.18 11.14 0.00	86.82 4.40 0.00	80.29 3.78 0.00	124.04 4.95 0.00	54.80 2.60 0.00	48.51 2.08 0.00	43.69 1.70 0.00
LOVETT___5 23593	34.96 1.54 0.00	27.89 1.16 0.00	28.69 1.19 0.00	27.85 1.08 0.00	28.06 1.04 0.00	30.48 1.20 2.52	41.32 1.58 0.00	22.35 1.80 15.84	39.07 1.85 0.29	42.84 2.08 0.00	45.25 2.08 0.00	45.49 2.03 0.00	45.58 2.12 0.00	54.55 2.42 0.00	60.17 2.75 0.00	60.46 2.81 0.00	110.58 6.04 0.00	208.18 11.14 0.00	86.82 4.40 0.00	80.29 3.78 0.00	124.04 4.95 0.00	54.80 2.60 0.00	48.51 2.08 0.00	43.69 1.70 0.00
LOWER RAQUET___HYD 24057	32.22 -1.20 0.00	25.70 -1.02 0.00	26.46 -1.05 0.00	25.91 -0.86 0.00	26.18 -0.84 0.00	30.75 -1.05 0.00	38.52 -1.25 -0.02	35.44 -1.18 -0.23	36.76 -1.03 -0.28	39.77 -1.26 -0.27	42.01 -1.26 -0.11	42.05 -1.52 -0.12	41.84 -1.73 -0.12	50.67 -1.85 -0.40	55.82 -2.16 -0.56	55.98 -2.24 -0.57	100.44 -5.07 -0.97	188.46 -9.74 -1.16	79.78 -3.63 -0.99	74.25 -3.42 -1.16	116.22 -4.01 -1.15	50.38 -2.45 -0.63	44.03 -2.52 -0.13	40.11 -1.93 -0.05
LOWER___HUDSON 24059	34.91 1.48 0.00	27.82 1.10 0.00	28.74 1.24 0.00	27.92 1.15 0.00	28.24 1.23 0.00	33.53 1.44 -0.28	41.63 1.89 0.00	39.89 1.72 -1.78	39.08 1.54 -0.03	42.47 1.72 0.00	45.07 1.91 0.00	45.27 1.81 0.00	45.09 1.64 0.00	53.92 1.79 0.00	59.53 2.11 0.00	59.45 1.81 0.00	108.64 4.10 0.00	204.70 7.66 0.00	85.89 3.47 0.00	79.78 3.26 0.00	124.11 5.02 0.00	54.51 2.31 0.00	48.53 2.11 0.00	43.88 1.89 0.00
LOWVILLE_115KV_TB2 356335	33.83 0.40 -0.01	26.62 -0.11 0.00	27.58 0.07 0.00	26.58 -0.20 0.00	27.26 0.25 0.00	32.25 0.44 0.00	40.51 0.72 -0.05	37.97 1.07 -0.51	39.43 1.30 -0.62	42.85 1.48 -0.61	44.82 1.42 -0.23	44.97 1.25 -0.26	44.81 1.09 -0.27	54.17 1.14 -0.89	59.02 0.34 -1.26	59.04 0.10 -1.29	106.42 -0.30 -2.18	199.88 0.24 -2.61	85.76 1.13 -2.21	81.23 2.12 -2.60	127.20 5.52 -2.59	55.26 1.64 -1.42	47.40 0.67 -0.30	41.61 -0.50 -0.11
LUTHERFT_115KV_GLOB_FND_222 355753	35.84 2.41 0.00	28.49 1.77 0.00	29.41 1.90 0.00	28.55 1.77 0.00	28.88 1.87 0.00	34.34 2.27 -0.27	42.72 2.97 0.00	40.82 2.75 -1.68	40.17 2.62 -0.03	43.61 2.85 0.00	46.20 3.04 0.00	46.47 3.01 0.00	46.31 2.86 0.00	55.32 3.19 0.00	61.20 3.78 0.00	61.31 3.66 0.00	111.58 7.03 0.00	210.74 13.70 0.00	88.68 6.26 0.00	82.37 5.86 0.00	128.31 9.22 0.00	56.24 4.04 0.00	49.93 3.51 0.00	45.04 3.05 0.00

LUTHERNY_35_KV_BK2 355980	35.87 2.45 0.00	28.50 1.77 0.00	29.41 1.90 0.00	28.54 1.77 0.00	28.88 1.86 0.00	34.37 2.30 -0.27	42.73 2.99 0.00	40.85 2.78 -1.68	40.21 2.67 -0.03	43.68 2.92 0.00	46.24 3.08 0.00	46.54 3.09 0.00	46.41 2.96 0.00	55.41 3.28 0.00	61.28 3.86 0.00	61.38 3.73 0.00	111.68 7.14 0.00	210.97 13.93 0.00	88.81 6.38 0.00	82.48 5.97 0.00	128.44 9.35 0.00	56.29 4.09 0.00	49.94 3.52 0.00	45.05 3.06 0.00
LWR___OSWEGATCHIE_HYD 23850	33.07 -0.35 -0.01	26.11 -0.61 0.00	26.95 -0.56 0.00	26.14 -0.63 0.00	26.59 -0.42 0.00	31.43 -0.38 0.00	39.42 -0.36 -0.04	36.77 -0.07 -0.44	38.22 0.17 -0.54	41.43 0.14 -0.53	43.49 0.12 -0.20	43.55 -0.13 -0.23	43.43 -0.26 -0.23	52.68 -0.23 -0.77	57.52 -0.99 -1.09	57.49 -1.27 -1.12	103.76 -2.67 -1.88	194.45 -4.84 -2.25	83.22 -1.12 -1.92	78.54 -0.22 -2.25	122.93 1.60 -2.23	53.31 -0.12 -1.23	46.09 -0.59 -0.26	41.03 -1.06 -0.10
LYONS_FALL_HYD 23570	34.11 0.68 -0.01	26.98 0.25 0.00	27.87 0.36 0.00	26.94 0.17 0.00	27.46 0.45 0.00	32.46 0.65 0.00	40.74 0.97 -0.03	37.94 1.17 -0.37	39.30 1.34 -0.46	42.77 1.57 -0.45	44.89 1.56 -0.17	45.10 1.45 -0.19	44.97 1.32 -0.19	54.22 1.44 -0.65	59.40 1.07 -0.92	59.52 0.93 -0.94	107.54 1.41 -1.59	202.33 3.39 -1.90	86.07 2.03 -1.62	81.08 2.67 -1.90	126.48 5.50 -1.89	55.17 1.94 -1.04	47.84 1.20 -0.22	42.38 0.30 -0.08
MADISON___COUNTY_LFGE 323628	34.74 1.31 -0.01	27.63 0.90 0.00	28.39 0.88 0.00	27.56 0.79 0.00	27.87 0.85 0.00	32.93 1.12 0.00	41.29 1.52 -0.04	38.34 1.55 -0.40	39.62 1.63 -0.48	43.25 2.02 -0.47	45.45 2.10 -0.18	45.68 2.02 -0.20	45.55 1.90 -0.21	54.96 2.14 -0.69	60.76 2.37 -0.97	61.14 2.49 -0.99	110.63 4.41 -1.67	207.98 8.94 -2.00	87.95 3.82 -1.70	82.66 4.15 -2.00	127.69 6.60 -1.99	56.20 2.90 -1.10	49.07 2.42 -0.23	43.87 1.79 -0.09
MALONE___115KV_TB1 356076	33.09 -0.33 0.00	26.42 -0.31 0.00	27.07 -0.44 0.00	26.49 -0.28 0.00	26.61 -0.40 0.00	31.17 -0.64 0.00	39.18 -0.57 0.00	35.87 -0.52 0.00	37.21 -0.30 0.00	40.52 -0.23 0.00	43.17 0.01 0.00	43.25 -0.21 0.00	42.96 -0.50 0.00	51.75 -0.38 0.00	56.97 -0.45 0.00	57.04 -0.61 0.00	102.36 -2.18 0.00	193.89 -3.15 0.00	81.10 -1.33 0.00	74.94 -1.58 0.00	117.50 -1.59 0.00	50.96 -1.24 0.00	45.06 -1.36 0.00	40.99 -1.01 0.00
MAPLEWOD_115KV_TB3 80458	34.68 1.26 0.00	27.71 0.98 0.00	28.60 1.09 0.00	27.76 0.99 0.00	28.05 1.04 0.00	33.28 1.20 -0.28	41.30 1.56 0.00	39.61 1.48 -1.74	38.88 1.34 -0.03	42.28 1.52 0.00	44.88 1.72 0.00	45.24 1.79 0.00	45.21 1.76 0.00	54.06 1.93 0.00	59.67 2.26 0.00	59.57 1.92 0.00	108.29 3.75 0.00	203.99 6.95 0.00	85.39 2.97 0.00	79.29 2.78 0.00	123.25 4.16 0.00	54.22 2.02 0.00	48.23 1.81 0.00	43.58 1.59 0.00
MAPLE_RIDGE_WT_1 323574	32.01 -1.41 0.00	25.62 -1.11 0.00	26.36 -1.15 0.00	26.03 -0.75 0.00	26.36 -0.66 0.00	31.05 -0.76 0.00	38.90 -0.84 0.00	35.61 -0.78 0.00	36.81 -0.70 0.00	39.77 -1.00 0.00	42.25 -0.91 0.00	42.68 -0.78 0.00	42.68 -0.77 0.00	51.09 -1.04 0.00	55.93 -1.49 0.00	55.97 -1.68 0.00	100.83 -3.71 0.00	189.80 -7.24 0.00	79.67 -2.76 0.00	73.90 -2.62 0.00	116.51 -2.58 0.00	50.21 -1.99 0.00	44.69 -1.73 0.00	40.03 -1.96 0.00
MAPLE_RIDGE_WT_2 323611	32.01 -1.41 0.00	25.62 -1.11 0.00	26.36 -1.15 0.00	26.03 -0.75 0.00	26.36 -0.66 0.00	31.05 -0.76 0.00	38.90 -0.84 0.00	35.61 -0.78 0.00	36.81 -0.70 0.00	39.77 -1.00 0.00	42.25 -0.91 0.00	42.68 -0.78 0.00	42.68 -0.77 0.00	51.09 -1.04 0.00	55.93 -1.49 0.00	55.97 -1.68 0.00	100.83 -3.71 0.00	189.80 -7.24 0.00	79.67 -2.76 0.00	73.90 -2.62 0.00	116.51 -2.58 0.00	50.21 -1.99 0.00	44.69 -1.73 0.00	40.03 -1.96 0.00
MARBLE_RIVER_WT_PWR 323696	32.98 -0.44 0.00	26.38 -0.35 0.00	27.03 -0.48 0.00	26.37 -0.40 0.00	26.45 -0.56 0.00	30.90 -0.91 0.00	38.94 -0.81 0.00	35.60 -0.79 0.00	36.93 -0.58 0.00	40.29 -0.47 0.00	42.96 -0.20 0.00	42.98 -0.48 0.00	42.71 -0.74 0.00	51.52 -0.61 0.00	56.65 -0.77 0.00	56.62 -1.03 0.00	101.48 -3.06 0.00	192.90 -4.13 0.00	80.66 -1.77 0.00	74.18 -2.33 0.00	116.13 -2.96 0.00	50.45 -1.75 0.00	44.68 -1.74 0.00	40.71 -1.29 0.00
MARSHVLE_115KV_TB1 80742	35.67 2.25 0.00	28.46 1.73 0.00	29.16 1.65 0.00	28.34 1.56 0.00	28.62 1.61 0.00	33.75 1.94 0.00	42.23 2.48 0.00	38.87 2.48 0.00	39.82 2.31 0.00	43.38 2.62 0.00	45.78 2.62 0.00	46.25 2.79 0.00	46.02 2.57 0.00	55.12 2.99 0.00	61.02 3.60 0.00	61.12 3.47 0.00	110.29 5.75 0.00	209.18 12.15 0.00	87.60 5.17 0.00	81.98 5.47 0.00	127.98 8.90 0.00	56.33 4.13 0.00	49.95 3.53 0.00	44.94 2.95 0.00
MARSH_HILL_WT_PWR 323713	34.95 1.52 0.00	27.56 0.84 0.00	27.98 0.47 0.00	27.15 0.38 0.00	27.23 0.21 0.00	32.39 0.58 0.00	40.47 0.70 -0.02	37.07 0.40 -0.28	38.25 0.40 -0.34	41.93 0.80 -0.37	44.16 0.85 -0.14	44.70 1.10 -0.14	44.53 0.94 -0.14	53.21 0.59 -0.48	58.56 0.46 -0.69	59.52 1.18 -0.70	108.17 2.45 -1.18	202.81 4.36 -1.41	85.54 1.91 -1.20	82.18 4.26 -1.41	127.55 7.05 -1.41	57.87 3.47 -2.20	53.99 4.12 -3.45	44.76 2.70 -0.06
MCINTYRE_115KV_TB2 80467	33.13 -0.29 0.00	26.47 -0.25 0.00	27.23 -0.27 0.00	26.72 -0.05 0.00	26.97 -0.05 0.00	31.69 -0.12 0.00	39.68 -0.06 0.00	36.23 -0.16 0.00	37.50 -0.01 0.00	40.53 -0.23 0.00	42.87 -0.30 0.00	42.78 -0.68 0.00	42.35 -1.10 0.00	51.14 -0.99 0.00	56.56 -0.86 0.00	56.81 -0.84 0.00	101.71 -2.83 0.00	192.19 -4.84 0.00	81.19 -1.23 0.00	75.00 -1.51 0.00	118.39 -0.70 0.00	51.22 -0.98 0.00	45.18 -1.24 0.00	41.31 -0.68 0.00
MECO_____69_KV_BK1 80468	37.43 4.01 0.00	29.83 3.10 0.00	30.52 3.01 0.00	29.60 2.83 0.00	29.93 2.92 0.00	35.36 3.55 0.00	44.28 4.54 0.00	40.58 4.18 0.00	40.79 3.28 0.00	44.36 3.61 0.00	47.76 4.59 0.00	45.81 2.36 0.00	46.82 3.37 0.00	54.06 1.93 0.00	65.31 7.89 0.00	59.08 1.44 0.00	111.26 6.72 0.00	207.02 9.98 0.00	90.68 8.25 0.00	86.32 9.81 0.00	135.60 16.52 0.00	59.51 7.31 0.00	52.39 5.97 0.00	47.01 5.02 0.00
MENANDS___115KV_TB5 355628	34.39 0.96 0.00	27.49 0.76 0.00	28.39 0.88 0.00	27.57 0.79 0.00	27.84 0.83 0.00	33.03 0.95 -0.28	40.98 1.24 0.00	39.30 1.17 -1.74	38.56 1.02 -0.03	41.94 1.18 0.00	44.51 1.34 0.00	44.75 1.29 0.00	44.65 1.20 0.00	53.40 1.27 0.00	58.96 1.54 0.00	58.88 1.23 0.00	107.34 2.80 0.00	202.21 5.18 0.00	84.60 2.18 0.00	78.50 1.99 0.00	121.98 2.89 0.00	53.67 1.47 0.00	47.77 1.35 0.00	43.20 1.21 0.00
MG INDUSTRY___DRP 24185	34.41 0.99 0.00	27.55 0.83 0.00	28.43 0.92 0.00	27.62 0.84 0.00	27.89 0.88 0.00	33.08 1.03 -0.25	41.02 1.27 0.00	39.04 1.10 -1.55	38.36 0.83 -0.03	41.74 0.98 0.00	44.18 1.02 0.00	44.41 0.96 0.00	44.32 0.87 0.00	52.97 0.85 0.00	58.41 0.99 0.00	58.46 0.81 0.00	106.59 2.05 0.00	201.17 4.13 0.00	84.21 1.78 0.00	78.18 1.67 0.00	121.74 2.65 0.00	53.64 1.44 0.00	47.75 1.33 0.00	43.20 1.20 0.00

MID___OSWEGATCHIE_HYD 23849	33.07 -0.35 -0.01	26.11 -0.61 0.00	26.95 -0.56 0.00	26.14 -0.63 0.00	26.59 -0.42 0.00	31.43 -0.38 0.00	39.42 -0.36 -0.04	36.77 -0.07 -0.44	38.22 0.17 -0.54	41.43 0.14 -0.53	43.49 0.12 -0.20	43.55 -0.13 -0.23	43.43 -0.26 -0.23	52.68 -0.23 -0.77	57.52 -0.99 -1.09	57.49 -1.27 -1.12	103.76 -2.67 -1.88	194.45 -4.84 -2.25	83.22 -1.12 -1.92	78.54 -0.22 -2.25	122.93 1.60 -2.23	53.31 -0.12 -1.23	46.09 -0.59 -0.26	41.03 -1.06 -0.10
MID___RAQUETTE_HYD 23851	32.22 -1.20 0.00	25.70 -1.02 0.00	26.46 -1.05 0.00	25.92 -0.86 0.00	26.17 -0.84 0.00	30.76 -1.05 0.00	38.52 -1.24 -0.02	35.44 -1.18 -0.23	36.76 -1.03 -0.28	39.78 -1.26 -0.27	42.01 -1.26 -0.11	42.05 -1.52 -0.12	41.84 -1.73 -0.12	50.67 -1.85 -0.40	55.82 -2.16 -0.56	55.98 -2.24 -0.57	100.44 -5.07 -0.97	188.45 -9.74 -1.16	79.78 -3.63 -0.99	74.24 -3.43 -1.16	116.22 -4.01 -1.15	50.38 -2.45 -0.63	44.03 -2.52 -0.13	40.11 -1.94 -0.05
MILLIKEN___1 23584	34.76 1.32 -0.01	27.60 0.87 0.00	28.24 0.74 0.00	27.44 0.67 0.00	27.62 0.61 0.00	32.64 0.83 0.00	40.99 1.18 -0.07	38.44 1.22 -0.83	39.84 1.32 -1.01	43.46 1.71 -0.99	45.17 1.62 -0.38	45.40 1.52 -0.42	45.65 1.76 -0.43	55.58 2.01 -1.44	61.52 2.07 -2.04	61.82 2.09 -2.08	112.36 4.30 -3.51	209.23 7.98 -4.21	89.72 3.73 -3.57	84.96 4.25 -4.20	129.59 6.31 -4.19	57.55 3.05 -2.30	49.74 2.83 -0.49	44.30 2.13 -0.18
MILLIKEN___2 23585	34.76 1.32 -0.01	27.60 0.87 0.00	28.24 0.74 0.00	27.44 0.67 0.00	27.62 0.61 0.00	32.64 0.83 0.00	40.99 1.18 -0.07	38.44 1.22 -0.83	39.84 1.32 -1.01	43.46 1.71 -0.99	45.17 1.62 -0.38	45.40 1.52 -0.42	45.65 1.76 -0.43	55.58 2.01 -1.44	61.52 2.07 -2.04	61.82 2.09 -2.08	112.36 4.30 -3.51	209.23 7.98 -4.21	89.72 3.73 -3.57	84.96 4.25 -4.20	129.59 6.31 -4.19	57.55 3.05 -2.30	49.74 2.83 -0.49	44.30 2.13 -0.18
MILLIKEN___DIESEL 23629	34.76 1.32 -0.01	27.60 0.87 0.00	28.24 0.74 0.00	27.44 0.67 0.00	27.62 0.61 0.00	32.64 0.83 0.00	40.99 1.18 -0.07	38.44 1.22 -0.83	39.84 1.32 -1.01	43.46 1.71 -0.99	45.17 1.62 -0.38	45.40 1.52 -0.42	45.65 1.76 -0.43	55.58 2.01 -1.44	61.52 2.07 -2.04	61.82 2.09 -2.08	112.36 4.30 -3.51	209.23 7.98 -4.21	89.72 3.73 -3.57	84.96 4.25 -4.20	129.59 6.31 -4.19	57.55 3.05 -2.30	49.74 2.83 -0.49	44.30 2.13 -0.18
MILLSEAT___LFGE 323607	35.52 2.10 0.00	27.84 1.12 0.00	27.93 0.42 0.00	26.96 0.18 0.00	27.13 0.12 0.00	32.10 0.30 0.00	40.18 0.44 0.00	36.69 0.30 0.00	38.18 0.67 0.00	42.36 1.60 0.00	44.93 1.77 0.00	45.73 2.27 0.00	46.13 2.67 0.00	55.10 2.97 0.00	60.50 3.08 0.00	62.08 4.43 0.00	111.07 6.53 0.00	210.12 13.08 0.00	87.28 4.86 0.00	82.48 5.97 0.00	128.46 9.37 0.00	82.04 5.07 -24.76	65.45 5.83 -13.20	46.58 4.59 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.18 1.76 0.00	28.06 1.33 0.00	28.86 1.35 0.00	28.00 1.22 0.00	28.21 1.20 0.00	35.07 1.41 -1.86	41.62 1.88 0.00	50.15 2.11 -11.65	39.89 2.17 -0.21	43.16 2.40 0.00	45.60 2.43 0.00	45.82 2.36 0.00	45.91 2.46 0.00	54.90 2.77 0.00	60.56 3.14 0.00	60.77 3.13 0.00	111.14 6.60 0.00	209.42 12.39 0.00	87.34 4.91 0.00	80.71 4.19 0.00	124.74 5.65 0.00	55.13 2.93 0.00	48.85 2.43 0.00	44.02 2.02 0.00
MILLWOOD_13_KV_LOAD 356217	35.32 1.90 0.00	28.16 1.44 0.00	28.95 1.44 0.00	28.08 1.31 0.00	28.30 1.29 0.00	35.19 1.52 -1.86	41.77 2.03 0.00	50.30 2.26 -11.65	40.04 2.32 -0.21	43.34 2.58 0.00	45.79 2.62 0.00	46.02 2.57 0.00	46.14 2.68 0.00	55.16 3.03 0.00	60.85 3.44 0.00	61.10 3.45 0.00	111.72 7.18 0.00	210.51 13.47 0.00	87.79 5.37 0.00	81.12 4.61 0.00	125.35 6.27 0.00	55.39 3.19 0.00	49.06 2.64 0.00	44.20 2.20 0.00
MODEL_CITY_ENERGY 24167	34.42 1.00 0.00	26.99 0.26 0.00	27.03 -0.48 0.00	26.09 -0.68 0.00	26.26 -0.76 0.00	31.05 -0.76 0.00	38.76 -0.98 0.00	35.22 -1.17 0.00	36.63 -0.88 0.00	40.66 -0.10 0.00	43.17 0.01 0.00	44.09 0.63 0.00	44.45 1.00 0.00	52.97 0.84 0.00	58.16 0.75 0.00	59.81 2.17 0.00	106.70 2.16 0.00	201.48 4.44 0.00	83.45 1.03 0.00	78.84 2.33 0.00	122.91 3.82 0.00	61.06 2.75 -6.11	64.77 4.08 -14.27	45.19 3.20 0.00
MODERN_LFGE___ 323580	34.42 1.00 0.00	26.99 0.26 0.00	27.03 -0.48 0.00	26.09 -0.68 0.00	26.26 -0.76 0.00	31.05 -0.76 0.00	38.76 -0.98 0.00	35.22 -1.17 0.00	36.63 -0.88 0.00	40.66 -0.10 0.00	43.17 0.01 0.00	44.09 0.63 0.00	44.45 1.00 0.00	52.97 0.84 0.00	58.16 0.75 0.00	59.81 2.17 0.00	106.70 2.16 0.00	201.48 4.44 0.00	83.45 1.03 0.00	78.84 2.33 0.00	122.91 3.82 0.00	61.06 2.75 -6.11	64.77 4.08 -14.27	45.19 3.20 0.00
MOHAWK_PAPER___DRP 24187	34.68 1.26 0.00	27.71 0.98 0.00	28.60 1.09 0.00	27.76 0.99 0.00	28.05 1.04 0.00	33.28 1.20 -0.28	41.30 1.56 0.00	39.61 1.48 -1.74	38.88 1.34 -0.03	42.28 1.52 0.00	44.88 1.72 0.00	45.24 1.79 0.00	45.21 1.76 0.00	54.06 1.93 0.00	59.67 2.26 0.00	59.57 1.92 0.00	108.29 3.75 0.00	203.99 6.95 0.00	85.39 2.97 0.00	79.29 2.78 0.00	123.25 4.16 0.00	54.22 2.02 0.00	48.23 1.81 0.00	43.58 1.59 0.00
MOHICAN___35_KV_115KV_LD 80490	36.25 2.83 0.00	28.75 2.02 0.00	29.71 2.21 0.00	28.86 2.09 0.00	29.24 2.22 0.00	34.79 2.72 -0.26	43.37 3.63 0.00	41.35 3.30 -1.65	40.67 3.14 -0.03	44.15 3.39 0.00	46.67 3.51 0.00	46.87 3.41 0.00	46.57 3.12 0.00	55.61 3.48 0.00	61.53 4.11 0.00	61.79 4.14 0.00	112.65 8.10 0.00	213.53 16.50 0.00	90.01 7.58 0.00	83.36 6.85 0.00	130.27 11.18 0.00	56.94 4.74 0.00	50.53 4.11 0.00	45.59 3.60 0.00
MONGAUP___HYD 23641	35.39 1.97 0.00	28.20 1.48 0.00	28.98 1.47 0.00	28.10 1.33 0.00	28.32 1.31 0.00	31.89 1.55 1.47	41.81 2.06 0.00	29.35 2.20 9.24	39.52 2.18 0.17	43.20 2.44 0.00	45.73 2.56 0.00	45.84 2.38 0.00	45.79 2.34 0.00	54.65 2.52 0.00	60.18 2.77 0.00	60.89 3.24 0.00	110.10 5.56 0.00	208.88 11.85 0.00	87.84 5.42 0.00	81.80 5.28 0.00	127.64 8.55 0.00	56.36 4.16 0.00	49.91 3.49 0.00	44.85 2.85 0.00
MONTAUK___DIESEL 23721	35.74 1.72 -0.60	29.85 1.68 -1.44	29.56 1.69 -0.36	39.96 1.60 -11.59	28.57 1.56 0.00	38.79 1.86 -5.12	42.40 2.66 0.00	49.79 2.87 -10.53	40.77 3.07 -0.19	43.34 2.59 0.00	45.88 2.71 0.00	45.57 2.14 0.03	45.82 2.36 0.00	54.67 2.54 0.00	59.89 2.47 0.00	60.33 2.68 0.00	109.81 5.83 0.56	212.79 15.76 0.00	88.84 6.41 0.00	81.49 4.98 0.00	240.13 8.92 -112.12	98.92 4.32 -42.40	73.76 4.45 -22.90	45.43 3.44 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.23 2.81 0.00	28.42 1.69 0.00	28.61 1.10 0.00	27.60 0.83 0.00	27.34 0.33 0.00	32.33 0.53 0.00	40.89 1.15 0.00	37.82 1.42 0.00	39.52 2.01 0.00	43.91 3.15 0.00	46.38 3.22 0.00	46.92 3.46 0.00	47.34 3.89 0.00	57.08 4.95 0.00	62.57 5.15 0.00	64.01 6.36 0.00	114.81 10.27 0.00	217.04 20.01 0.00	90.36 7.94 0.00	85.42 8.91 0.00	131.74 12.65 0.00	61.51 6.03 -3.28	60.33 6.35 -7.56	47.34 5.35 0.00

MORTIMER_115KV_TB3 55949	34.78 1.36 0.00	27.44 0.71 0.00	27.75 0.24 0.00	26.85 0.08 0.00	27.05 0.04 0.00	31.97 0.17 0.00	40.02 0.28 0.00	36.60 0.21 0.00	37.93 0.42 0.00	41.86 1.10 0.00	44.40 1.24 0.00	45.13 1.67 0.00	45.40 1.95 0.00	54.24 2.11 0.00	59.71 2.29 0.00	60.87 3.22 0.00	109.50 4.96 0.00	206.70 9.66 0.00	86.10 3.68 0.00	80.86 4.34 0.00	125.79 6.70 0.00	53.62 3.57 2.15	45.47 4.01 4.96	45.05 3.06 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.49 2.06 0.00	28.28 1.56 0.00	29.07 1.56 0.00	28.19 1.42 0.00	28.40 1.39 0.00	35.11 1.64 -1.66	41.94 2.19 0.00	49.28 2.46 -10.43	40.26 2.56 -0.19	43.55 2.78 0.00	45.99 2.83 0.00	46.24 2.78 0.00	46.36 2.91 0.00	55.37 3.24 0.00	61.06 3.64 0.00	61.20 3.55 0.00	111.87 7.33 0.00	210.75 13.71 0.00	87.84 5.42 0.00	81.09 4.57 0.00	125.27 6.18 0.00	55.49 3.29 0.00	49.16 2.74 0.00	44.33 2.33 0.00
MUNSVILLE_WIND_PWR 323609	36.06 2.63 -0.01	28.69 1.96 0.00	29.38 1.88 0.00	28.80 2.02 0.00	28.92 1.91 0.00	34.27 2.46 0.00	43.28 3.49 -0.05	40.52 3.60 -0.53	42.06 3.91 -0.64	46.18 4.80 -0.63	48.31 4.90 -0.24	48.21 4.49 -0.27	48.68 4.95 -0.27	58.36 5.32 -0.92	63.78 5.07 -1.29	63.87 4.91 -1.32	116.28 9.50 -2.23	217.16 17.46 -2.67	92.94 8.25 -2.27	88.58 9.40 -2.66	135.84 14.10 -2.66	60.07 6.41 -1.46	52.42 5.69 -0.31	46.62 4.51 -0.11
N SALMON___HYD 24042	33.09 -0.34 0.00	26.42 -0.31 0.00	27.07 -0.44 0.00	26.49 -0.28 0.00	26.61 -0.40 0.00	31.17 -0.64 0.00	39.18 -0.56 0.00	35.87 -0.52 0.00	37.21 -0.30 0.00	40.52 -0.23 0.00	43.17 0.01 0.00	43.25 -0.21 0.00	42.96 -0.50 0.00	51.75 -0.38 0.00	56.97 -0.45 0.00	57.04 -0.61 0.00	102.36 -2.18 0.00	193.89 -3.15 0.00	81.10 -1.33 0.00	74.93 -1.59 0.00	117.50 -1.59 0.00	50.96 -1.24 0.00	45.06 -1.36 0.00	40.99 -1.01 0.00
N.AKRON__115KV_KNAPP 355671	35.35 1.93 0.00	27.71 0.98 0.00	27.78 0.27 0.00	26.81 0.04 0.00	26.99 -0.03 0.00	31.93 0.12 0.00	39.94 0.20 0.00	36.43 0.04 0.00	37.94 0.44 0.00	42.11 1.35 0.00	44.68 1.51 0.00	45.54 2.08 0.00	45.93 2.48 0.00	54.79 2.67 0.00	60.20 2.79 0.00	61.80 4.15 0.00	110.47 5.93 0.00	208.92 11.89 0.00	86.67 4.25 0.00	81.85 5.34 0.00	127.53 8.44 0.00	74.00 4.70 -17.10	104.63 5.57 -52.63	46.39 4.40 0.00
N.BELMOR_69_KV_BK1 55787	36.40 2.39 -0.60	30.16 2.00 -1.44	29.88 2.00 -0.36	40.23 1.87 -11.59	28.85 1.84 0.00	39.12 2.20 -5.12	42.59 2.84 0.00	49.91 2.99 -10.53	40.80 3.10 -0.19	43.90 3.14 0.00	46.18 3.02 0.00	46.07 2.63 0.02	46.23 2.77 0.00	55.27 3.14 0.00	61.04 3.62 0.00	61.29 3.64 0.00	108.97 7.70 3.27	213.30 16.26 0.00	88.96 6.54 0.00	81.97 5.45 0.00	129.72 8.06 -2.57	86.70 4.21 -30.29	78.48 3.66 -28.40	45.07 3.08 0.00
N.E_GEN_SANDY PD 24062	34.75 1.33 0.00	82.85 0.94 -55.19	42.28 1.05 -13.72	37.58 0.96 -9.84	37.90 1.03 -9.85	54.69 1.18 -21.70	41.90 1.62 -0.54	40.52 1.58 -2.54	38.78 1.44 0.16	46.35 1.65 -3.95	45.33 1.84 -0.33	45.16 1.70 0.00	45.01 1.56 0.00	53.89 1.67 -0.09	59.35 1.93 0.00	59.29 1.64 0.00	154.93 4.19 -46.20	204.73 7.70 0.00	80.05 3.27 5.64	79.37 2.86 0.00	123.17 4.08 0.00	50.45 1.99 3.75	50.08 1.80 -1.86	43.62 1.63 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.08 1.66 0.00	27.97 1.24 0.00	28.77 1.26 0.00	27.92 1.15 0.00	28.12 1.11 0.00	30.62 1.28 2.47	41.45 1.70 0.00	22.78 1.92 15.53	39.21 1.98 0.28	43.00 2.24 0.00	45.42 2.25 0.00	45.67 2.22 0.00	45.77 2.32 0.00	54.79 2.66 0.00	60.46 3.04 0.00	60.77 3.12 0.00	111.13 6.59 0.00	209.23 12.19 0.00	87.24 4.82 0.00	80.68 4.17 0.00	124.61 5.52 0.00	55.06 2.86 0.00	48.72 2.29 0.00	43.85 1.86 0.00
N.QUEENS_27_KV_LOAD 356247	35.66 2.23 0.00	28.38 1.66 0.00	29.17 1.66 0.00	28.29 1.52 0.00	28.50 1.49 0.00	35.24 1.77 -1.66	42.13 2.39 0.00	49.50 2.67 -10.43	40.40 2.70 -0.19	43.66 2.91 0.00	46.16 3.00 0.00	46.45 2.99 0.00	46.48 3.03 0.00	55.68 3.55 0.00	61.42 4.00 0.00	61.57 3.93 0.00	112.34 7.80 0.00	211.67 14.63 0.00	88.17 5.74 0.00	81.31 4.80 0.00	125.41 6.32 -0.01	55.56 3.37 0.00	49.31 2.89 0.00	44.41 2.41 0.00
N.TROY___115KV_TB1 355778	34.90 1.48 0.00	27.82 1.10 0.00	28.74 1.24 0.00	27.92 1.15 0.00	28.24 1.22 0.00	33.53 1.44 -0.28	41.63 1.89 0.00	39.89 1.72 -1.78	39.08 1.55 -0.03	42.48 1.72 0.00	45.07 1.91 0.00	45.27 1.81 0.00	45.09 1.64 0.00	53.92 1.79 0.00	59.53 2.11 0.00	59.46 1.81 0.00	108.64 4.10 0.00	204.70 7.66 0.00	85.89 3.47 0.00	79.78 3.26 0.00	124.11 5.02 0.00	54.52 2.32 0.00	48.53 2.11 0.00	43.88 1.89 0.00
NARROWS_GT1_1 24228	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
NARROWS_GT1_2 24229	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
NARROWS_GT1_3 24230	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
NARROWS_GT1_4 24231	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
NARROWS_GT1_5 24232	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00

NARROWS_GT1_6 24233	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
NARROWS_GT1_7 24234	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
NARROWS_GT1_8 24235	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
NARROWS_GT2_1 24236	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
NARROWS_GT2_2 24237	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
NARROWS_GT2_3 24238	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
NARROWS_GT2_4 24239	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
NARROWS_GT2_5 24240	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
NARROWS_GT2_6 24241	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
NARROWS_GT2_7 24242	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
NARROWS_GT2_8 24243	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.50 2.81 -0.19	43.72 2.96 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.54 3.41 0.00	61.29 3.87 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.85 13.81 0.00	88.06 5.63 0.00	81.27 4.75 -0.01	124.99 6.08 0.18	61.67 3.37 -6.10	49.26 2.84 0.00	44.53 2.54 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.46 2.04 0.00	28.30 1.57 0.00	29.19 1.68 0.00	28.33 1.55 0.00	28.64 1.62 0.00	33.75 1.94 0.00	42.21 2.47 0.00	38.73 2.33 0.00	39.77 2.27 0.00	43.07 2.31 0.00	45.65 2.48 0.00	45.95 2.49 0.00	45.73 2.28 0.00	54.91 2.78 0.00	61.08 3.67 0.00	60.30 2.65 0.00	109.90 5.36 0.00	207.70 10.66 0.00	87.25 4.83 0.00	81.21 4.70 0.00	126.71 7.62 0.00	55.66 3.47 0.00	49.46 3.04 0.00	44.68 2.69 0.00
NCHELSEA_115KV_TR2 355582	35.53 2.11 0.00	28.30 1.58 0.00	29.11 1.60 0.00	28.24 1.46 0.00	28.47 1.46 0.00	33.53 1.73 0.00	42.19 2.45 0.00	39.11 2.72 0.00	40.32 2.81 0.00	43.71 2.95 0.00	46.19 3.03 0.00	46.42 2.96 0.00	46.47 3.02 0.00	55.59 3.46 0.00	61.30 3.89 0.00	61.50 3.85 0.00	112.51 7.97 0.00	212.11 15.08 0.00	88.55 6.13 0.00	81.81 5.29 0.00	126.45 7.36 0.00	55.80 3.60 0.00	49.43 3.01 0.00	44.53 2.54 0.00
NEG CAPITAL___MECHNVIL 23645	35.81 2.39 0.00	28.47 1.75 0.00	29.39 1.88 0.00	28.52 1.75 0.00	28.86 1.84 0.00	34.30 2.22 -0.27	42.67 2.92 0.00	40.81 2.71 -1.71	40.12 2.58 -0.03	43.60 2.84 0.00	46.28 3.11 0.00	46.49 3.03 0.00	46.37 2.92 0.00	55.40 3.27 0.00	61.26 3.84 0.00	61.34 3.69 0.00	111.64 7.10 0.00	210.79 13.75 0.00	88.66 6.24 0.00	82.38 5.86 0.00	128.18 9.09 0.00	56.21 4.01 0.00	49.90 3.48 0.00	45.02 3.03 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.07 0.64 0.00	26.91 0.18 0.00	27.30 -0.21 0.00	26.43 -0.34 0.00	26.63 -0.38 0.00	31.48 -0.33 0.00	39.44 -0.31 0.00	36.12 -0.27 0.00	37.40 -0.11 0.00	41.20 0.44 0.00	43.69 0.53 0.00	44.37 0.91 0.00	44.61 1.15 0.00	53.30 1.17 0.00	58.69 1.27 0.00	59.68 2.03 0.00	107.58 3.04 0.00	203.22 6.18 0.00	84.77 2.35 0.00	79.51 3.00 0.00	123.47 4.38 0.00	54.60 2.40 0.00	49.07 2.76 0.12	43.95 1.96 0.00

NEG CENTRAL___DRP 24199	34.56 1.13 -0.01	27.38 0.66 0.00	27.96 0.46 0.00	27.13 0.35 0.00	27.31 0.30 0.00	32.27 0.46 0.00	40.55 0.73 -0.07	37.96 0.74 -0.83	39.35 0.83 -1.01	42.99 1.24 -0.99	44.75 1.20 -0.38	45.26 1.38 -0.42	45.50 1.62 -0.43	55.34 1.76 -1.44	61.36 1.90 -2.04	61.96 2.23 -2.08	111.77 3.71 -3.52	208.16 6.90 -4.21	89.39 3.39 -3.58	84.91 4.19 -4.21	129.09 5.81 -4.20	57.53 3.03 -2.30	49.82 2.95 -0.45	44.32 2.15 -0.18
NEG CENTRAL___INDECK 23768	35.77 2.35 0.00	28.40 1.67 0.00	28.74 1.23 0.00	27.82 1.05 0.00	28.01 0.99 0.00	33.21 1.40 0.00	41.57 1.83 0.00	37.79 1.39 0.00	38.35 0.85 0.00	41.60 0.84 0.00	44.16 1.00 0.00	44.73 1.27 0.00	44.75 1.30 0.00	53.21 1.08 0.00	57.98 0.56 0.00	58.39 0.75 0.00	103.51 -1.03 0.00	194.54 -2.50 0.00	81.75 -0.67 0.00	78.27 1.76 0.00	126.98 7.89 0.00	56.68 4.48 0.00	51.13 4.64 -0.07	45.42 3.43 0.00
NEG CENTRAL___SENECA 23627	34.88 1.45 -0.01	27.58 0.86 0.00	28.09 0.58 0.00	27.23 0.46 0.00	27.43 0.42 0.00	32.42 0.61 0.00	40.73 0.95 -0.04	37.75 0.91 -0.44	39.09 1.05 -0.54	42.86 1.57 -0.52	44.91 1.54 -0.20	45.54 1.85 -0.22	45.73 2.05 -0.23	55.11 2.22 -0.76	60.91 2.42 -1.08	61.62 2.87 -1.10	111.09 4.68 -1.86	207.67 8.40 -2.23	88.50 4.18 -1.90	83.98 5.24 -2.23	128.54 7.24 -2.22	57.23 3.81 -1.22	50.36 3.75 -0.19	44.85 2.77 -0.10
NEG CENTRAL___STATE_STREET 24147	34.43 0.99 -0.02	27.35 0.62 0.00	28.00 0.49 0.00	27.16 0.39 0.00	27.29 0.28 0.00	32.22 0.41 0.00	40.48 0.64 -0.10	38.15 0.64 -1.11	39.57 0.71 -1.35	43.10 1.03 -1.32	44.63 0.96 -0.51	45.03 1.01 -0.57	45.26 1.23 -0.58	55.51 1.46 -1.93	61.61 1.47 -2.73	61.98 1.55 -2.78	112.37 3.13 -4.70	208.77 6.12 -5.62	90.21 3.01 -4.78	85.68 3.55 -5.61	129.56 4.88 -5.59	57.73 2.46 -3.07	49.39 2.34 -0.64	43.97 1.74 -0.24
NEG MILLWOOD___DRP 24198	35.64 2.22 0.00	28.38 1.66 0.00	29.17 1.67 0.00	28.30 1.53 0.00	28.53 1.52 0.00	34.15 1.80 -0.54	42.25 2.51 0.00	42.47 2.77 -3.30	40.45 2.88 -0.06	43.84 3.08 0.00	46.33 3.17 0.00	46.62 3.16 0.00	46.71 3.25 0.00	55.89 3.76 0.00	61.67 4.25 0.00	61.89 4.24 0.00	113.06 8.52 0.00	213.23 16.19 0.00	88.96 6.53 0.00	82.18 5.66 0.00	126.99 7.90 0.00	56.03 3.83 0.00	49.63 3.21 0.00	44.67 2.67 0.00
NEG NORTH_FLCN_SEA 23793	33.44 0.01 0.00	26.77 0.04 0.00	27.43 -0.08 0.00	26.73 -0.04 0.00	26.81 -0.20 0.00	31.18 -0.63 0.00	39.25 -0.50 0.00	35.89 -0.50 0.00	37.18 -0.33 0.00	40.74 -0.02 0.00	43.53 0.36 0.00	43.44 -0.02 0.00	43.09 -0.36 0.00	52.00 -0.13 0.00	56.85 -0.56 0.00	56.74 -0.91 0.00	101.84 -2.70 0.00	194.44 -2.59 0.00	81.18 -1.24 0.00	74.36 -2.15 0.00	116.34 -2.74 0.00	50.82 -1.38 0.00	44.99 -1.43 0.00	41.01 -0.99 0.00
NEG NORTH_KES_CHATEGAY 23792	32.93 -0.49 0.00	26.31 -0.42 0.00	26.93 -0.57 0.00	26.35 -0.42 0.00	26.43 -0.59 0.00	30.93 -0.88 0.00	38.93 -0.82 0.00	35.60 -0.79 0.00	36.91 -0.60 0.00	40.17 -0.58 0.00	42.80 -0.37 0.00	42.88 -0.58 0.00	42.61 -0.84 0.00	51.36 -0.77 0.00	56.56 -0.85 0.00	56.53 -1.12 0.00	101.59 -2.95 0.00	192.75 -4.29 0.00	80.49 -1.93 0.00	74.29 -2.23 0.00	116.33 -2.76 0.00	50.54 -1.66 0.00	44.72 -1.71 0.00	40.72 -1.27 0.00
NEG NORTH___ALICE_FALLS 23915	33.40 -0.02 0.00	26.83 0.11 0.00	27.48 -0.03 0.00	26.78 0.01 0.00	26.88 -0.13 0.00	31.27 -0.54 0.00	39.39 -0.36 0.00	36.03 -0.36 0.00	37.32 -0.19 0.00	40.89 0.13 0.00	43.73 0.56 0.00	43.64 0.19 0.00	43.28 -0.17 0.00	52.17 0.04 0.00	57.20 -0.22 0.00	57.12 -0.53 0.00	102.38 -2.16 0.00	195.49 -1.55 0.00	81.70 -0.72 0.00	74.83 -1.69 0.00	116.99 -2.10 0.00	50.99 -1.21 0.00	45.16 -1.26 0.00	41.15 -0.84 0.00
NEG NORTH___LWR_SARANAC 23913	33.40 -0.02 0.00	26.83 0.11 0.00	27.48 -0.03 0.00	26.78 0.01 0.00	26.88 -0.13 0.00	31.27 -0.54 0.00	39.39 -0.36 0.00	36.03 -0.36 0.00	37.32 -0.19 0.00	40.89 0.13 0.00	43.73 0.56 0.00	43.64 0.19 0.00	43.28 -0.17 0.00	52.17 0.04 0.00	57.20 -0.22 0.00	57.12 -0.53 0.00	102.38 -2.16 0.00	195.49 -1.55 0.00	81.70 -0.72 0.00	74.83 -1.69 0.00	116.99 -2.10 0.00	50.99 -1.21 0.00	45.16 -1.26 0.00	41.15 -0.84 0.00
NEG NORTH___PLATTSBURG 23628	33.40 -0.02 0.00	26.83 0.11 0.00	27.48 -0.02 0.00	26.78 0.01 0.00	26.88 -0.13 0.00	31.27 -0.54 0.00	39.39 -0.36 0.00	36.03 -0.36 0.00	37.32 -0.19 0.00	40.89 0.13 0.00	43.73 0.56 0.00	43.64 0.19 0.00	43.28 -0.17 0.00	52.17 0.04 0.00	57.20 -0.22 0.00	57.12 -0.53 0.00	102.38 -2.16 0.00	195.48 -1.56 0.00	81.71 -0.72 0.00	74.83 -1.69 0.00	116.99 -2.10 0.00	50.99 -1.21 0.00	45.15 -1.27 0.00	41.15 -0.84 0.00
NEG WEST_LEA_LOCKPORT 23791	34.55 1.13 0.00	27.09 0.36 0.00	27.13 -0.38 0.00	26.19 -0.58 0.00	26.35 -0.66 0.00	31.16 -0.65 0.00	38.92 -0.83 0.00	35.39 -1.00 0.00	36.82 -0.69 0.00	40.88 0.12 0.00	43.41 0.25 0.00	44.33 0.87 0.00	44.69 1.24 0.00	53.24 1.11 0.00	58.48 1.06 0.00	60.10 2.46 0.00	107.28 2.75 0.00	202.55 5.51 0.00	83.97 1.54 0.00	79.27 2.76 0.00	123.61 4.52 0.00	62.52 3.08 -7.25	67.75 4.32 -17.01	45.36 3.37 0.00
NEG WEST___LANCASTR 23811	35.04 1.62 0.00	27.47 0.74 0.00	27.60 0.09 0.00	26.69 -0.09 0.00	26.84 -0.17 0.00	31.81 0.00 0.00	39.83 0.08 0.00	36.42 0.03 0.00	37.83 0.33 0.00	41.95 1.19 0.00	44.28 1.11 0.00	45.09 1.63 0.00	45.45 2.00 0.00	54.29 2.16 0.00	59.70 2.29 0.00	61.10 3.46 0.00	109.64 5.10 0.00	207.16 10.12 0.00	85.90 3.48 0.00	80.98 4.46 0.00	125.90 6.81 0.00	59.38 3.76 -3.42	58.91 4.58 -7.91	45.64 3.64 0.00
NEG_PENN_ALLEGHNY 23528	34.45 1.02 -0.01	27.34 0.62 0.00	27.96 0.45 0.00	27.16 0.39 0.00	27.37 0.36 0.00	32.36 0.55 0.00	40.58 0.79 -0.04	37.81 0.91 -0.50	39.07 0.95 -0.61	42.79 1.44 -0.60	44.67 1.28 -0.23	45.03 1.32 -0.26	45.21 1.50 -0.26	54.72 1.71 -0.87	60.40 1.75 -1.24	60.79 1.88 -1.26	110.24 3.57 -2.13	206.40 6.82 -2.55	87.39 2.80 -2.17	82.24 3.18 -2.54	126.13 4.51 -2.54	55.93 2.34 -1.39	49.05 2.33 -0.30	43.84 1.74 -0.11
NEG___GEN_MONROE 24207	35.44 2.02 0.00	27.84 1.12 0.00	28.06 0.55 0.00	27.08 0.31 0.00	27.27 0.26 0.00	32.25 0.44 0.00	40.39 0.65 0.00	36.93 0.54 0.00	38.28 0.77 0.00	42.29 1.53 0.00	44.84 1.68 0.00	45.56 2.11 0.00	46.03 2.58 0.00	54.98 2.86 0.00	60.44 3.03 0.00	61.83 4.18 0.00	111.27 6.73 0.00	209.12 12.09 0.00	87.51 5.09 0.00	218.59 5.77 -136.31	456.03 9.17 -327.77	231.63 4.83 -174.59	110.80 5.28 -59.10	46.25 4.26 0.00
NEPA___ENERGY 23901	35.44 2.02 0.00	27.71 0.99 0.00	27.92 0.41 0.00	27.02 0.24 0.00	27.08 0.06 0.00	32.14 0.33 0.00	40.39 0.65 0.00	37.13 0.74 0.00	38.60 1.09 0.00	42.92 2.16 0.00	45.05 1.89 0.00	45.72 2.26 0.00	46.18 2.73 0.00	55.48 3.35 0.00	60.77 3.35 0.00	61.95 4.30 0.00	111.67 7.13 0.00	210.65 13.62 0.00	87.45 5.02 0.00	82.52 6.00 0.00	127.84 8.76 0.00	59.91 4.55 -3.16	58.84 5.12 -7.30	46.02 4.03 0.00

NEVERSINK___HYD 23608	34.66 1.24 0.00	27.62 0.89 0.00	28.38 0.87 0.00	27.54 0.76 0.00	27.73 0.72 0.00	32.30 0.85 0.35	40.92 1.18 0.00	35.61 1.46 2.25	38.97 1.50 0.04	42.49 1.73 0.00	44.88 1.72 0.00	45.11 1.65 0.00	45.21 1.76 0.00	54.27 2.14 0.00	59.64 2.22 0.00	59.87 2.22 0.00	109.59 5.05 0.00	206.61 9.57 0.00	86.57 4.15 0.00	80.05 3.54 0.00	123.82 4.73 0.00	54.61 2.41 0.00	48.29 1.87 0.00	43.42 1.43 0.00
NEWKRMKL_115KV_TB1 55635	34.25 0.83 0.00	27.39 0.66 0.00	28.26 0.76 0.00	27.45 0.67 0.00	27.73 0.71 0.00	32.90 0.82 -0.27	40.80 1.06 0.00	39.13 1.03 -1.71	38.42 0.88 -0.03	41.78 1.02 0.00	44.34 1.18 0.00	44.58 1.12 0.00	44.50 1.05 0.00	53.23 1.10 0.00	58.79 1.37 0.00	58.70 1.05 0.00	106.94 2.40 0.00	201.60 4.56 0.00	84.28 1.85 0.00	78.20 1.69 0.00	121.51 2.42 0.00	53.48 1.28 0.00	47.58 1.16 0.00	43.02 1.03 0.00
NEWTON___FALLS_HYD 23847	33.07 -0.35 -0.01	26.11 -0.61 0.00	26.95 -0.56 0.00	26.14 -0.63 0.00	26.59 -0.42 0.00	31.43 -0.38 0.00	39.42 -0.36 -0.04	36.77 -0.07 -0.44	38.22 0.17 -0.54	41.43 0.14 -0.53	43.49 0.12 -0.20	43.55 -0.13 -0.23	43.43 -0.26 -0.23	52.68 -0.23 -0.77	57.52 -0.99 -1.09	57.49 -1.27 -1.12	103.76 -2.67 -1.88	194.45 -4.84 -2.25	83.22 -1.12 -1.92	78.54 -0.22 -2.25	122.93 1.60 -2.23	53.31 -0.12 -1.23	46.09 -0.59 -0.26	41.03 -1.06 -0.10
NGRID_A1_DSASP 323792	34.20 0.78 0.00	26.83 0.10 0.00	26.87 -0.64 0.00	25.94 -0.84 0.00	26.10 -0.91 0.00	30.86 -0.95 0.00	38.50 -1.24 0.00	34.95 -1.44 0.00	36.31 -1.19 0.00	40.32 -0.44 0.00	42.81 -0.35 0.00	43.76 0.30 0.00	44.12 0.67 0.00	52.35 0.22 0.00	57.38 -0.04 0.00	59.03 1.38 0.00	105.14 0.60 0.00	198.32 1.29 0.00	82.09 -0.33 0.00	77.50 0.98 0.00	120.82 1.73 0.00	57.86 1.89 -3.77	58.51 3.46 -8.63	44.87 2.87 0.00
NGRID_A2_DSASP 323793	34.20 0.78 0.00	26.83 0.10 0.00	26.87 -0.64 0.00	25.94 -0.84 0.00	26.10 -0.91 0.00	30.86 -0.95 0.00	38.50 -1.24 0.00	34.95 -1.44 0.00	36.31 -1.19 0.00	40.32 -0.44 0.00	42.81 -0.35 0.00	43.76 0.30 0.00	44.12 0.67 0.00	52.35 0.22 0.00	57.38 -0.04 0.00	59.03 1.38 0.00	105.14 0.60 0.00	198.32 1.29 0.00	82.09 -0.33 0.00	77.50 0.98 0.00	120.82 1.73 0.00	57.86 1.89 -3.77	58.51 3.46 -8.63	44.87 2.87 0.00
NGRID_A4_DSASP 323807	34.20 0.78 0.00	26.83 0.10 0.00	26.87 -0.64 0.00	25.94 -0.84 0.00	26.10 -0.91 0.00	30.86 -0.95 0.00	38.50 -1.24 0.00	34.95 -1.44 0.00	36.31 -1.19 0.00	40.32 -0.44 0.00	42.81 -0.35 0.00	43.76 0.30 0.00	44.12 0.67 0.00	52.35 0.22 0.00	57.38 -0.04 0.00	59.03 1.38 0.00	105.14 0.60 0.00	198.32 1.29 0.00	82.09 -0.33 0.00	77.50 0.98 0.00	120.82 1.73 0.00	57.86 1.89 -3.77	58.51 3.46 -8.63	44.87 2.87 0.00
NIAGARA_115E_LBMP 323715	34.26 0.84 0.00	26.88 0.15 0.00	26.92 -0.59 0.00	25.98 -0.79 0.00	26.14 -0.87 0.00	30.91 -0.90 0.00	38.58 -1.16 0.00	35.03 -1.36 0.00	36.42 -1.09 0.00	40.43 -0.32 0.00	42.93 -0.23 0.00	43.86 0.40 0.00	44.21 0.75 0.00	52.67 0.54 0.00	57.83 0.41 0.00	59.50 1.85 0.00	106.09 1.55 0.00	200.27 3.23 0.00	82.94 0.52 0.00	78.33 1.82 0.00	122.13 3.04 0.00	59.84 2.42 -5.22	62.38 3.82 -12.14	44.99 2.99 0.00
NIAGARA_115W_LBMP 323714	34.12 0.70 0.00	26.77 0.05 0.00	26.81 -0.70 0.00	25.88 -0.89 0.00	26.05 -0.96 0.00	30.79 -1.02 0.00	38.42 -1.32 0.00	34.86 -1.53 0.00	36.23 -1.28 0.00	40.23 -0.53 0.00	42.72 -0.44 0.00	43.65 0.20 0.00	44.01 0.56 0.00	52.20 0.06 0.00	57.19 -0.23 0.00	58.85 1.20 0.00	104.81 0.27 0.00	197.74 0.70 0.00	81.83 -0.59 0.00	77.25 0.74 0.00	120.45 1.37 0.00	57.61 1.72 -3.68	58.16 3.31 -8.43	44.75 2.76 0.00
NIAGARA_230_LBMP 323716	34.31 0.89 0.00	26.93 0.20 0.00	26.99 -0.51 0.00	26.07 -0.70 0.00	26.24 -0.78 0.00	31.02 -0.79 0.00	38.73 -1.02 0.00	35.20 -1.19 0.00	36.55 -0.95 0.00	40.57 -0.19 0.00	43.07 -0.10 0.00	43.98 0.52 0.00	44.33 0.87 0.00	52.78 0.65 0.00	57.98 0.56 0.00	59.54 1.89 0.00	106.31 1.78 0.00	200.75 3.72 0.00	83.13 0.71 0.00	78.45 1.94 0.00	122.29 3.20 0.00	56.14 2.47 -1.47	56.94 3.85 -6.66	44.96 2.97 0.00
NIAGARA___115KV_198_GIBSON 55903	34.12 0.70 0.00	26.77 0.05 0.00	26.81 -0.69 0.00	25.89 -0.89 0.00	26.05 -0.96 0.00	30.79 -1.02 0.00	38.41 -1.33 0.00	34.86 -1.53 0.00	36.23 -1.28 0.00	40.22 -0.54 0.00	42.72 -0.44 0.00	43.65 0.20 0.00	44.01 0.55 0.00	52.19 0.06 0.00	57.19 -0.22 0.00	58.85 1.20 0.00	104.83 0.29 0.00	197.69 0.65 0.00	81.83 -0.59 0.00	77.22 0.70 0.00	120.44 1.36 0.00	57.61 1.73 -3.68	58.13 3.29 -8.43	44.75 2.76 0.00
NIAGARA____ 23760	34.31 0.89 0.00	26.93 0.20 0.00	26.99 -0.51 0.00	26.07 -0.70 0.00	26.24 -0.78 0.00	31.02 -0.79 0.00	38.73 -1.02 0.00	35.20 -1.19 0.00	36.55 -0.95 0.00	40.57 -0.19 0.00	43.07 -0.10 0.00	43.98 0.52 0.00	44.33 0.87 0.00	52.78 0.65 0.00	57.98 0.56 0.00	59.54 1.89 0.00	106.31 1.78 0.00	200.75 3.72 0.00	83.13 0.71 0.00	78.45 1.94 0.00	122.29 3.20 0.00	57.57 2.47 -2.90	59.58 3.85 -9.31	44.96 2.97 0.00
NINE_MILE_1 23575	32.68 -0.63 0.11	26.13 -0.59 0.00	26.81 -0.70 0.00	26.04 -0.73 0.00	26.28 -0.74 0.00	30.99 -0.82 0.00	38.10 -0.99 0.66	28.07 -0.85 7.47	27.51 -0.88 9.11	31.07 -0.81 8.89	38.85 -0.88 3.43	38.82 -0.84 3.81	38.81 -0.75 3.89	38.17 -0.98 12.98	37.92 -1.12 18.37	37.90 -1.01 18.74	71.04 -1.84 31.66	155.70 -3.44 37.90	48.82 -1.38 32.22	37.68 -1.00 37.83	79.68 -1.68 37.73	30.91 -0.58 20.71	41.59 -0.41 4.42	39.81 -0.57 1.62
NINE_MILE_2 23744	32.68 -0.63 0.11	26.13 -0.59 0.00	26.81 -0.70 0.00	26.04 -0.73 0.00	26.28 -0.73 0.00	30.99 -0.82 0.00	38.09 -0.99 0.66	27.95 -0.85 7.59	27.37 -0.88 9.25	30.93 -0.81 9.02	38.80 -0.88 3.48	38.76 -0.84 3.86	38.75 -0.75 3.95	37.97 -0.99 13.17	37.65 -1.12 18.65	37.62 -1.01 19.02	70.56 -1.84 32.14	155.13 -3.44 38.47	48.34 -1.38 32.70	37.10 -1.00 38.41	79.11 -1.68 38.30	30.59 -0.58 21.03	41.52 -0.42 4.48	39.78 -0.57 1.65
NM_CAPITAL___DRP 24208	34.28 0.86 0.00	27.40 0.67 0.00	28.29 0.78 0.00	27.48 0.71 0.00	27.75 0.74 0.00	32.93 0.85 -0.28	40.84 1.10 0.00	39.19 1.06 -1.73	38.44 0.90 -0.03	41.79 1.04 0.00	44.36 1.20 0.00	44.60 1.14 0.00	44.50 1.05 0.00	53.22 1.09 0.00	58.77 1.35 0.00	58.68 1.03 0.00	106.96 2.42 0.00	201.55 4.51 0.00	84.31 1.89 0.00	78.22 1.70 0.00	121.57 2.48 0.00	53.49 1.29 0.00	47.61 1.19 0.00	43.06 1.06 0.00
NM_CENTRAL___DRP 24181	33.75 0.32 -0.01	26.83 0.11 0.00	27.50 -0.01 0.00	26.69 -0.08 0.00	26.93 -0.09 0.00	31.79 -0.02 0.00	39.86 0.06 -0.06	37.25 0.14 -0.72	38.58 0.19 -0.88	42.04 0.43 -0.86	43.88 0.38 -0.33	44.30 0.48 -0.37	44.45 0.62 -0.37	54.03 0.66 -1.25	59.86 0.67 -1.77	60.30 0.85 -1.80	109.11 1.52 -3.05	203.70 3.01 -3.65	86.84 1.32 -3.10	81.75 1.59 -3.64	124.95 2.23 -3.63	55.35 1.16 -1.99	47.96 1.12 -0.42	42.85 0.70 -0.16

NM_FRONTIER___DRP 24179	34.12 0.70 0.00	26.77 0.05 0.00	26.81 -0.69 0.00	25.89 -0.89 0.00	26.05 -0.96 0.00	30.79 -1.02 0.00	38.41 -1.33 0.00	34.86 -1.53 0.00	36.23 -1.28 0.00	40.22 -0.54 0.00	42.72 -0.44 0.00	43.65 0.20 0.00	44.01 0.55 0.00	52.19 0.06 0.00	57.19 -0.22 0.00	58.85 1.20 0.00	104.83 0.29 0.00	197.69 0.65 0.00	81.83 -0.59 0.00	77.22 0.70 0.00	120.44 1.36 0.00	57.61 1.73 -3.68	58.13 3.29 -8.43	44.75 2.76 0.00
NM_ST_REGIS___HYD 24053	32.45 -0.97 0.00	25.89 -0.83 0.00	26.62 -0.89 0.00	26.07 -0.70 0.00	26.29 -0.72 0.00	30.86 -0.94 0.00	38.69 -1.07 -0.02	35.60 -1.00 -0.21	36.94 -0.82 -0.25	40.02 -0.99 -0.25	42.34 -0.92 -0.10	42.40 -1.17 -0.10	42.16 -1.40 -0.11	51.04 -1.45 -0.36	56.22 -1.70 -0.51	56.36 -1.81 -0.52	101.07 -4.34 -0.88	190.07 -8.02 -1.05	80.29 -3.03 -0.89	74.61 -2.95 -1.05	116.75 -3.37 -1.03	50.62 -2.15 -0.56	44.31 -2.23 -0.12	40.34 -1.70 -0.04
NORTHPORT___1 23551	35.59 1.57 -0.60	29.78 1.61 -1.44	29.51 1.63 -0.37	39.95 1.59 -11.59	28.52 1.51 0.00	38.73 1.80 -5.12	41.98 2.23 0.00	49.38 2.45 -10.53	40.11 2.41 -0.19	42.75 2.04 0.05	45.12 1.97 0.02	44.98 1.55 0.04	45.22 1.80 0.04	53.93 2.04 0.24	59.30 2.28 0.40	59.39 2.16 0.42	106.62 4.58 2.50	205.02 12.16 4.18	86.08 4.91 1.26	79.38 3.92 1.05	133.43 6.13 -8.21	84.98 3.24 -29.54	70.20 2.72 -21.07	44.12 2.16 0.03
NORTHPORT___2 23552	35.59 1.57 -0.60	29.78 1.61 -1.44	29.51 1.63 -0.37	39.95 1.59 -11.59	28.52 1.51 0.00	38.73 1.80 -5.12	41.98 2.23 0.00	49.38 2.45 -10.53	40.11 2.41 -0.19	41.16 2.04 1.64	44.57 1.97 0.57	44.72 1.55 0.29	44.08 1.80 1.17	46.07 2.04 8.10	46.07 2.28 13.63	45.52 2.16 14.29	39.57 4.58 69.56	66.79 12.16 142.40	44.54 4.91 42.79	44.56 3.92 35.88	48.06 6.13 77.16	44.67 3.24 10.77	44.15 2.72 4.98	42.94 2.16 1.21
NORTHPORT___3 23553	35.86 1.84 -0.60	29.95 1.78 -1.44	29.67 1.79 -0.37	40.09 1.73 -11.59	28.70 1.68 0.00	38.89 1.97 -5.12	42.15 2.41 0.00	49.54 2.62 -10.53	40.30 2.60 -0.19	41.28 2.16 1.64	44.53 1.93 0.56	44.78 1.60 0.28	44.13 1.84 1.16	46.11 2.08 8.09	46.16 2.39 13.64	45.70 2.35 14.29	40.26 5.23 69.51	66.56 11.93 142.41	44.36 4.74 42.80	44.36 3.73 35.88	47.32 5.39 77.16	44.31 2.89 10.78	43.82 2.39 4.99	42.79 2.01 1.21
NORTHPORT___4 23650	35.86 1.84 -0.60	29.95 1.78 -1.44	29.67 1.79 -0.37	40.09 1.73 -11.59	28.70 1.68 0.00	38.89 1.97 -5.12	42.15 2.41 0.00	49.54 2.62 -10.53	40.30 2.60 -0.19	41.28 2.16 1.64	44.53 1.93 0.56	44.78 1.60 0.28	44.13 1.84 1.16	46.11 2.08 8.09	46.16 2.39 13.64	45.70 2.35 14.29	40.26 5.23 69.51	66.56 11.93 142.41	44.36 4.74 42.80	44.36 3.73 35.88	47.32 5.39 77.16	44.31 2.89 10.78	43.82 2.39 4.99	42.79 2.01 1.21
NORTHPORT___IC 23718	35.59 1.58 -0.60	29.77 1.61 -1.44	29.51 1.63 -0.36	39.95 1.59 -11.59	28.53 1.51 0.00	38.73 1.80 -5.12	41.98 2.24 0.00	49.37 2.45 -10.53	40.11 2.41 -0.19	41.16 2.04 1.64	44.57 1.97 0.56	44.74 1.56 0.28	44.09 1.80 1.17	46.07 2.04 8.10	46.07 2.28 13.63	45.52 2.16 14.29	39.58 4.60 69.56	66.79 12.16 142.40	44.54 4.91 42.79	44.57 3.93 35.88	48.06 6.13 77.16	44.66 3.24 10.77	44.15 2.72 4.98	42.95 2.17 1.21
NORTH___COUNTRY_ESR 323785	32.80 -0.62 0.00	26.23 -0.49 0.00	26.89 -0.62 0.00	26.29 -0.48 0.00	26.36 -0.65 0.00	30.84 -0.97 0.00	38.81 -0.93 0.00	35.48 -0.91 0.00	36.81 -0.70 0.00	40.08 -0.68 0.00	42.72 -0.44 0.00	42.77 -0.69 0.00	42.53 -0.92 0.00	51.30 -0.83 0.00	56.46 -0.96 0.00	56.48 -1.17 0.00	101.24 -3.30 0.00	192.19 -4.84 0.00	80.33 -2.09 0.00	73.99 -2.53 0.00	115.81 -3.28 0.00	50.27 -1.94 0.00	44.49 -1.92 0.00	40.55 -1.44 0.00
NPX_GEN_1385_PROXY 323591	35.19 1.18 -0.60	29.59 1.42 -1.44	29.31 1.44 -0.37	40.20 1.84 -11.59	28.53 1.51 0.00	38.79 1.87 -5.12	42.49 2.75 0.00	49.73 2.81 -10.53	40.19 2.49 -0.19	42.23 1.81 0.34	45.31 2.26 0.12	45.35 1.97 0.08	44.47 2.59 1.58	54.64 3.36 0.85	58.19 3.58 2.81	58.07 3.36 2.95	94.80 4.98 14.72	186.01 18.34 29.36	185.45 7.48 -95.54	149.25 6.36 -66.38	153.83 9.89 -24.86	79.28 4.88 -22.19	66.40 3.66 -16.32	43.88 1.96 0.07
NPX_GEN_CSC 323557	35.55 1.53 -0.60	29.76 1.59 -1.44	29.47 1.60 -0.37	39.87 1.51 -11.59	28.49 1.48 0.00	38.66 1.74 -5.12	41.98 2.24 0.00	49.14 2.22 -10.53	39.99 2.29 -0.19	42.92 2.16 0.00	45.36 2.20 0.00	44.98 1.55 0.03	43.88 1.77 1.34	54.91 1.97 -0.82	59.54 2.12 0.00	59.76 2.12 0.00	108.80 4.82 0.56	210.80 13.77 0.00	88.30 5.88 0.00	81.31 4.80 0.00	239.85 9.71 -111.05	99.24 4.77 -42.27	73.49 4.19 -22.88	45.57 3.40 -0.18
NSINS_S_GLNS_FALLS 23858	36.23 2.81 0.00	28.74 2.01 0.00	29.69 2.18 0.00	28.84 2.07 0.00	29.21 2.20 0.00	34.76 2.69 -0.26	43.33 3.59 0.00	41.30 3.27 -1.65	40.67 3.13 -0.03	44.14 3.38 0.00	46.61 3.45 0.00	46.82 3.36 0.00	46.54 3.08 0.00	55.51 3.38 0.00	61.44 4.02 0.00	61.74 4.09 0.00	112.39 7.85 0.00	213.14 16.10 0.00	89.85 7.42 0.00	83.27 6.75 0.00	130.14 11.05 0.00	56.89 4.69 0.00	50.47 4.05 0.00	45.52 3.53 0.00
NUCOR_STEEL___DRP 24197	34.37 0.93 -0.02	27.30 0.57 0.00	27.95 0.44 0.00	27.13 0.35 0.00	27.24 0.23 0.00	32.16 0.36 0.00	40.41 0.56 -0.10	38.15 0.57 -1.19	39.58 0.63 -1.45	43.09 0.92 -1.41	44.56 0.85 -0.54	44.97 0.91 -0.61	45.17 1.10 -0.62	55.45 1.26 -2.06	61.61 1.28 -2.92	62.03 1.41 -2.97	112.34 2.77 -5.03	208.47 5.42 -6.02	90.25 2.71 -5.11	85.63 3.11 -6.00	129.33 4.25 -5.99	57.73 2.24 -3.29	49.28 2.16 -0.70	43.88 1.63 -0.26
NUMBER_THREE_WT_PWR 323818	33.75 0.33 -0.01	26.55 -0.18 0.00	27.51 0.01 0.00	26.51 -0.26 0.00	27.21 0.20 0.00	32.18 0.37 0.00	40.43 0.64 -0.05	37.92 1.00 -0.53	39.39 1.24 -0.64	42.80 1.42 -0.63	44.74 1.33 -0.24	44.90 1.18 -0.27	44.74 1.01 -0.27	54.11 1.07 -0.92	58.92 0.20 -1.30	58.93 -0.04 -1.32	106.20 -0.58 -2.24	199.41 -0.30 -2.68	85.59 0.89 -2.28	81.14 1.95 -2.67	127.08 5.32 -2.67	55.18 1.51 -1.46	47.28 0.55 -0.31	41.47 -0.63 -0.11
NYISO_LBMP_REFERENCE 24008	33.42 0.00 0.00	26.73 0.00 0.00	27.51 0.00 0.00	26.77 0.00 0.00	27.01 0.00 0.00	31.81 0.00 0.00	39.74 0.00 0.00	36.39 0.00 0.00	37.51 0.00 0.00	40.76 0.00 0.00	43.16 0.00 0.00	43.46 0.00 0.00	43.45 0.00 0.00	52.13 0.00 0.00	57.41 0.00 0.00	57.65 0.00 0.00	104.54 0.00 0.00	197.03 0.00 0.00	82.42 0.00 0.00	76.51 0.00 0.00	119.09 0.00 0.00	52.20 0.00 0.00	46.42 0.00 0.00	41.99 0.00 0.00
NYPA_BRENTWD____GT 24164	36.28 2.26 -0.60	30.26 2.09 -1.44	29.97 2.10 -0.37	40.37 2.01 -11.59	28.96 1.95 0.00	39.26 2.34 -5.12	42.70 2.96 0.00	50.06 3.14 -10.53	40.90 3.20 -0.19	43.80 3.04 0.00	46.18 3.02 0.00	45.99 2.56 0.03	46.16 2.71 0.00	55.20 3.07 0.00	60.87 3.45 0.00	60.74 3.09 0.00	110.31 6.44 0.67	212.56 15.52 0.00	88.74 6.31 0.00	81.72 5.20 0.00	149.22 8.11 -22.03	88.44 4.16 -32.08	72.66 3.82 -22.41	45.22 3.23 0.00

NYPA_GOWANUS____GT5 24156	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.48 2.78 -0.19	43.70 2.94 0.00	46.07 2.91 0.00	46.39 2.94 0.00	46.47 3.02 0.00	55.52 3.39 0.00	61.28 3.86 0.00	61.48 3.83 0.00	112.24 7.70 0.00	210.77 13.73 0.00	88.02 5.59 0.00	81.22 4.70 -0.01	124.93 6.02 0.18	61.66 3.36 -6.10	49.25 2.83 0.00	44.51 2.52 0.00
NYPA_GOWANUS____GT6 24157	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.18 2.44 0.00	49.51 2.69 -10.43	40.48 2.78 -0.19	43.70 2.94 0.00	46.07 2.91 0.00	46.39 2.94 0.00	46.47 3.02 0.00	55.52 3.39 0.00	61.28 3.86 0.00	61.48 3.83 0.00	112.24 7.70 0.00	210.77 13.73 0.00	88.02 5.59 0.00	81.22 4.70 -0.01	124.93 6.02 0.18	61.66 3.36 -6.10	49.25 2.83 0.00	44.51 2.52 0.00
NYPA_HARLEM__RVR__GT1 24160	35.56 2.13 0.00	28.31 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.45 1.43 0.00	35.17 1.70 -1.66	42.01 2.27 0.00	49.38 2.55 -10.43	40.27 2.58 -0.19	43.53 2.77 0.00	46.01 2.85 0.00	46.28 2.82 0.00	46.30 2.84 0.00	55.43 3.30 0.00	61.14 3.72 0.00	61.30 3.65 0.00	111.89 7.35 0.00	210.69 13.66 0.00	87.80 5.38 0.00	80.99 4.48 0.00	124.96 5.86 -0.01	55.35 3.16 0.00	49.12 2.71 0.00	44.26 2.27 0.00
NYPA_HARLEM__RVR__GT2 24161	35.56 2.13 0.00	28.31 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.45 1.43 0.00	35.17 1.70 -1.66	42.01 2.27 0.00	49.38 2.55 -10.43	40.27 2.58 -0.19	43.53 2.77 0.00	46.01 2.85 0.00	46.28 2.82 0.00	46.30 2.84 0.00	55.43 3.30 0.00	61.14 3.72 0.00	61.30 3.65 0.00	111.89 7.35 0.00	210.69 13.66 0.00	87.80 5.38 0.00	80.99 4.48 0.00	124.96 5.86 -0.01	55.35 3.16 0.00	49.12 2.71 0.00	44.26 2.27 0.00
NYPA_KENT____GT 24152	35.65 2.23 0.00	28.42 1.69 0.00	29.19 1.68 0.00	28.31 1.54 0.00	28.52 1.50 0.00	35.26 1.78 -1.66	42.12 2.38 0.00	49.47 2.65 -10.43	40.43 2.73 -0.19	43.66 2.90 0.00	46.06 2.90 0.00	46.36 2.90 0.00	46.45 3.00 0.00	55.46 3.33 0.00	61.17 3.75 0.00	61.35 3.70 0.00	112.01 7.46 0.00	210.52 13.48 0.00	87.84 5.42 0.00	81.05 4.53 0.00	123.96 5.81 0.94	57.83 3.25 -2.37	49.15 2.73 0.00	44.40 2.41 0.00
NYPA_POUCH1____GT 24155	35.61 2.18 0.00	28.42 1.69 -0.01	29.20 1.69 0.00	28.32 1.55 0.00	28.52 1.51 0.00	35.24 1.77 -1.66	42.05 2.31 0.00	41.02 2.52 -2.10	40.38 2.68 -0.19	43.51 2.76 0.00	42.06 2.69 3.79	45.59 2.74 0.61	43.38 2.79 2.86	55.26 3.13 0.00	61.01 3.59 0.00	61.30 3.65 0.00	112.04 7.50 0.00	210.32 13.28 0.00	87.96 5.54 0.00	81.24 4.72 -0.01	124.82 5.92 0.18	61.53 3.23 -6.10	49.04 2.63 0.00	44.39 2.40 0.00
NYPA_VERNON____GT2 24162	35.57 2.15 0.00	28.35 1.62 0.00	29.14 1.63 0.00	28.25 1.48 0.00	28.46 1.45 0.00	35.20 1.72 -1.66	42.05 2.31 0.00	49.43 2.60 -10.43	40.40 2.70 -0.19	43.65 2.89 0.00	46.09 2.93 0.00	46.35 2.90 0.00	46.45 3.00 0.00	55.43 3.30 0.00	61.10 3.68 0.00	61.26 3.61 0.00	111.90 7.35 0.00	210.44 13.40 0.00	87.73 5.31 0.00	80.90 4.38 0.00	123.07 5.68 1.70	54.02 3.18 1.36	49.09 2.68 0.00	44.33 2.33 0.00
NYPA_VERNON____GT3 24163	35.57 2.15 0.00	28.35 1.62 0.00	29.14 1.63 0.00	28.25 1.48 0.00	28.46 1.45 0.00	35.20 1.72 -1.66	42.05 2.31 0.00	49.43 2.60 -10.43	40.40 2.70 -0.19	43.65 2.89 0.00	46.09 2.93 0.00	46.35 2.90 0.00	46.45 3.00 0.00	55.43 3.30 0.00	61.10 3.68 0.00	61.26 3.61 0.00	111.90 7.35 0.00	210.44 13.40 0.00	87.73 5.31 0.00	80.90 4.38 0.00	123.07 5.68 1.70	54.02 3.18 1.36	49.09 2.68 0.00	44.33 2.33 0.00
NYPA____ASTORIA_CC1 323568	35.52 2.10 0.00	28.30 1.58 0.00	29.08 1.58 0.00	28.21 1.44 0.00	28.42 1.41 0.00	35.15 1.67 -1.66	41.99 2.25 0.00	49.37 2.55 -10.43	40.34 2.64 -0.19	43.57 2.81 0.00	46.01 2.84 0.00	46.26 2.80 0.00	46.35 2.89 0.00	55.30 3.17 0.00	60.96 3.54 0.00	61.13 3.48 0.00	111.60 7.06 0.00	209.95 12.91 0.00	87.55 5.13 0.00	80.74 4.23 0.00	122.11 5.40 2.37	51.96 3.06 3.30	48.99 2.57 0.00	44.23 2.24 0.00
NYPA____ASTORIA_CC2 323569	35.52 2.10 0.00	28.30 1.58 0.00	29.08 1.58 0.00	28.21 1.44 0.00	28.42 1.41 0.00	35.15 1.67 -1.66	41.99 2.25 0.00	49.37 2.55 -10.43	40.34 2.64 -0.19	43.57 2.81 0.00	46.01 2.84 0.00	46.26 2.80 0.00	46.35 2.89 0.00	55.30 3.17 0.00	60.96 3.54 0.00	61.13 3.48 0.00	111.60 7.06 0.00	209.95 12.91 0.00	87.55 5.13 0.00	80.74 4.23 0.00	122.11 5.40 2.37	51.96 3.06 3.30	48.99 2.57 0.00	44.23 2.24 0.00
NYPA____HOLTSVILL 23794	35.82 1.80 -0.60	29.92 1.76 -1.44	29.64 1.76 -0.37	40.05 1.69 -11.59	28.66 1.64 0.00	38.85 1.93 -5.12	42.21 2.47 0.00	49.55 2.62 -10.53	40.38 2.68 -0.19	43.25 2.49 0.00	45.62 2.46 0.00	45.38 1.96 0.03	45.65 2.20 0.00	54.58 2.45 0.00	60.09 2.68 0.00	60.27 2.62 0.00	109.50 5.52 0.55	211.18 14.15 0.00	88.24 5.81 0.00	81.30 4.78 0.00	232.20 7.83 -105.28	97.80 3.99 -41.61	72.71 3.47 -22.82	44.83 2.83 0.00
NYPA____HELLGATE_GT1 24158	35.56 2.13 0.00	28.31 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.45 1.43 0.00	35.19 1.71 -1.66	42.05 2.31 0.00	49.41 2.58 -10.43	40.27 2.58 -0.19	43.53 2.77 0.00	46.01 2.85 0.00	46.28 2.82 0.00	46.30 2.84 0.00	55.43 3.30 0.00	61.14 3.72 0.00	61.30 3.65 0.00	111.89 7.35 0.00	210.69 13.66 0.00	87.80 5.38 0.00	80.99 4.48 0.00	124.96 5.86 -0.01	55.35 3.16 0.00	49.12 2.71 0.00	44.26 2.27 0.00
NYPA____HELLGATE_GT2 24159	35.56 2.13 0.00	28.31 1.59 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.45 1.43 0.00	35.19 1.71 -1.66	42.05 2.31 0.00	49.41 2.58 -10.43	40.27 2.58 -0.19	43.53 2.77 0.00	46.01 2.85 0.00	46.28 2.82 0.00	46.30 2.84 0.00	55.43 3.30 0.00	61.14 3.72 0.00	61.30 3.65 0.00	111.89 7.35 0.00	210.69 13.66 0.00	87.80 5.38 0.00	80.99 4.48 0.00	124.96 5.86 -0.01	55.35 3.16 0.00	49.12 2.71 0.00	44.26 2.27 0.00
NYS_BARGE____HYD 23848	34.71 1.29 0.00	27.21 0.48 0.00	27.25 -0.26 0.00	26.30 -0.47 0.00	26.46 -0.55 0.00	31.30 -0.51 0.00	39.10 -0.64 0.00	35.58 -0.81 0.00	37.01 -0.50 0.00	41.10 0.34 0.00	43.63 0.47 0.00	44.56 1.10 0.00	44.92 1.47 0.00	53.51 1.38 0.00	58.80 1.38 0.00	60.44 2.79 0.00	107.85 3.31 0.00	203.76 6.73 0.00	84.45 2.03 0.00	79.77 3.26 0.00	124.33 5.25 0.00	63.49 3.37 -7.92	69.63 4.58 -18.63	45.59 3.60 0.00
OAK ORCHARD____HYD 24046	34.78 1.36 0.00	27.44 0.71 0.00	27.76 0.25 0.00	26.85 0.08 0.00	27.06 0.04 0.00	31.98 0.17 0.00	40.02 0.28 0.00	36.60 0.21 0.00	37.93 0.42 0.00	41.86 1.10 0.00	44.40 1.24 0.00	45.13 1.67 0.00	45.41 1.96 0.00	54.24 2.11 0.00	59.71 2.29 0.00	60.86 3.21 0.00	109.49 4.95 0.00	206.69 9.65 0.00	86.10 3.68 0.00	80.87 4.36 0.00	125.80 6.71 0.00	53.62 3.58 2.15	45.48 4.02 4.96	45.05 3.06 0.00

OAKDALE___35_KV_LOAD 356122	34.31 0.88 -0.01	27.24 0.52 0.00	27.87 0.36 0.00	27.07 0.30 0.00	27.29 0.27 0.00	32.25 0.44 0.00	40.43 0.64 -0.04	37.64 0.76 -0.49	38.90 0.79 -0.60	42.59 1.25 -0.58	44.47 1.08 -0.22	44.83 1.12 -0.25	45.00 1.30 -0.25	54.44 1.46 -0.85	60.08 1.46 -1.20	60.43 1.56 -1.22	109.59 2.98 -2.07	205.22 5.70 -2.48	86.86 2.33 -2.10	81.69 2.71 -2.47	125.37 3.82 -2.46	55.59 2.04 -1.35	48.78 2.07 -0.29	43.63 1.53 -0.11
OCC_CHEM___DRP 24175	34.20 0.78 0.00	26.83 0.10 0.00	26.87 -0.64 0.00	25.94 -0.84 0.00	26.11 -0.91 0.00	30.86 -0.95 0.00	38.49 -1.25 0.00	34.94 -1.46 0.00	36.31 -1.20 0.00	40.32 -0.44 0.00	42.81 -0.35 0.00	43.75 0.29 0.00	44.11 0.66 0.00	52.34 0.21 0.00	57.37 -0.05 0.00	59.03 1.38 0.00	105.16 0.62 0.00	198.31 1.27 0.00	82.10 -0.32 0.00	77.46 0.95 0.00	120.81 1.72 0.00	57.86 1.89 -3.77	58.49 3.44 -8.63	44.86 2.87 0.00
OH_GEN_PROXY 24063	34.31 0.89 0.00	26.93 0.21 0.00	27.00 -0.50 0.00	26.08 -0.69 0.00	26.25 -0.76 0.00	31.03 -0.78 0.00	38.77 -0.97 0.00	35.28 -1.11 0.00	36.64 -0.87 0.00	40.66 -0.10 0.00	43.14 -0.03 0.00	44.04 0.58 0.00	43.04 0.93 1.34	53.69 0.74 -0.82	58.09 0.68 0.00	59.64 1.99 0.00	106.55 2.01 0.00	201.20 4.17 0.00	83.30 0.87 0.00	504.89 2.09 -426.29	122.49 3.40 0.00	92.01 2.52 -37.29	56.13 3.83 -5.88	45.09 2.92 -0.18
OLIN_CORP_DRP 24177	34.31 0.89 0.00	26.91 0.18 0.00	26.95 -0.56 0.00	26.02 -0.75 0.00	26.19 -0.83 0.00	30.95 -0.86 0.00	38.63 -1.11 0.00	35.09 -1.31 0.00	36.46 -1.04 0.00	40.49 -0.27 0.00	42.98 -0.18 0.00	43.91 0.45 0.00	44.27 0.82 0.00	52.74 0.61 0.00	57.92 0.50 0.00	59.58 1.93 0.00	106.25 1.71 0.00	200.57 3.53 0.00	83.05 0.63 0.00	78.42 1.91 0.00	122.30 3.21 0.00	59.58 2.49 -4.88	61.63 3.87 -11.34	45.03 3.03 0.00
OLIN_CORP_DSASP 323712	34.20 0.78 0.00	26.83 0.10 0.00	26.87 -0.64 0.00	25.94 -0.84 0.00	26.10 -0.91 0.00	30.86 -0.95 0.00	38.50 -1.24 0.00	34.95 -1.44 0.00	36.31 -1.19 0.00	40.32 -0.44 0.00	42.81 -0.35 0.00	43.76 0.30 0.00	44.12 0.67 0.00	52.35 0.22 0.00	57.38 -0.04 0.00	59.03 1.38 0.00	105.14 0.60 0.00	198.32 1.29 0.00	82.09 -0.33 0.00	77.50 0.98 0.00	120.82 1.73 0.00	57.86 1.89 -3.77	58.51 3.46 -8.63	44.87 2.87 0.00
ONEIDA_HERK_LFGE 323681	34.26 0.83 0.00	27.18 0.45 0.00	28.03 0.52 0.00	27.14 0.37 0.00	27.58 0.57 0.00	32.58 0.77 0.00	40.86 1.10 -0.03	37.91 1.23 -0.29	39.21 1.35 -0.35	42.70 1.59 -0.34	44.93 1.63 -0.13	45.14 1.53 -0.15	45.03 1.43 -0.15	54.23 1.60 -0.50	59.55 1.42 -0.71	59.70 1.33 -0.72	108.05 2.29 -1.22	203.44 4.94 -1.46	86.18 2.51 -1.24	80.91 2.94 -1.45	125.96 5.42 -1.45	55.07 2.07 -0.80	48.03 1.45 -0.17	42.77 0.71 -0.06
ONEIDA___115KV_TB4 55905	34.74 1.31 -0.01	27.63 0.90 0.00	28.39 0.88 0.00	27.56 0.79 0.00	27.87 0.85 0.00	32.93 1.12 0.00	41.29 1.52 -0.04	38.34 1.55 -0.40	39.62 1.63 -0.48	43.25 2.02 -0.47	45.45 2.10 -0.18	45.68 2.02 -0.20	45.55 1.90 -0.21	54.96 2.14 -0.69	60.76 2.37 -0.97	61.14 2.49 -0.99	110.63 4.41 -1.67	207.98 8.94 -2.00	87.95 3.82 -1.70	82.66 4.15 -2.00	127.69 6.60 -1.99	56.20 2.90 -1.10	49.07 2.42 -0.23	43.87 1.79 -0.09
ONONDAGA_REF_OCCRA 23987	33.98 0.54 -0.01	27.01 0.28 0.00	27.68 0.17 0.00	26.87 0.10 0.00	27.10 0.08 0.00	32.00 0.18 0.00	40.15 0.33 -0.08	37.65 0.40 -0.86	39.01 0.45 -1.05	42.52 0.73 -1.03	44.24 0.68 -0.40	44.65 0.75 -0.44	44.79 0.88 -0.45	54.61 0.98 -1.50	60.55 1.02 -2.12	61.00 1.19 -2.17	110.39 2.20 -3.66	205.72 4.31 -4.38	88.06 1.91 -3.72	83.06 2.17 -4.37	126.60 3.15 -4.36	56.14 1.55 -2.39	48.37 1.44 -0.51	43.16 0.98 -0.19
ONONDAGA___COGEN 23986	33.92 0.47 -0.02	26.97 0.24 0.00	27.64 0.13 0.00	26.83 0.06 0.00	27.04 0.03 0.00	31.93 0.13 0.00	40.12 0.26 -0.12	38.03 0.31 -1.32	39.48 0.36 -1.62	42.89 0.56 -1.57	44.31 0.53 -0.61	44.76 0.63 -0.67	44.90 0.76 -0.69	55.28 0.85 -2.30	61.52 0.85 -3.25	61.99 1.02 -3.32	112.05 1.90 -5.61	207.45 3.70 -6.71	89.84 1.71 -5.70	85.19 1.98 -6.70	128.54 2.77 -6.68	57.27 1.41 -3.67	48.51 1.31 -0.78	43.16 0.88 -0.29
ONTARIO___LFGE 23819	34.87 1.44 -0.01	27.58 0.86 0.00	28.09 0.58 0.00	27.23 0.46 0.00	27.43 0.42 0.00	32.42 0.62 0.00	40.73 0.95 -0.04	37.75 0.92 -0.44	39.09 1.05 -0.54	42.86 1.57 -0.52	44.91 1.54 -0.20	45.54 1.86 -0.22	45.73 2.05 -0.23	55.11 2.22 -0.76	60.92 2.42 -1.08	61.62 2.87 -1.10	111.08 4.68 -1.86	207.69 8.42 -2.23	88.49 4.17 -1.90	83.98 5.24 -2.23	128.54 7.23 -2.22	57.23 3.81 -1.22	50.36 3.75 -0.19	44.86 2.77 -0.10
ORANGEVILLE_WT_PWR 323706	34.82 1.40 0.00	27.39 0.67 0.00	27.64 0.13 0.00	26.73 -0.05 0.00	26.84 -0.17 0.00	31.81 0.00 0.00	39.75 0.01 0.00	36.24 -0.16 0.00	37.54 0.03 0.00	41.48 0.72 0.00	43.95 0.78 0.00	44.65 1.19 0.00	44.83 1.38 0.00	53.42 1.28 0.00	58.74 1.33 0.00	60.11 2.46 0.00	107.94 3.40 0.00	203.53 6.49 0.00	84.77 2.36 0.00	80.33 3.82 0.00	125.22 6.13 0.00	58.41 3.48 -2.73	56.93 4.23 -6.28	45.20 3.20 0.00
ORANGEVILLE___ESR 323794	34.82 1.40 0.00	27.39 0.67 0.00	27.64 0.13 0.00	26.73 -0.05 0.00	26.84 -0.17 0.00	31.81 0.00 0.00	39.75 0.01 0.00	36.24 -0.16 0.00	37.54 0.03 0.00	41.48 0.72 0.00	43.95 0.78 0.00	44.65 1.19 0.00	44.83 1.38 0.00	53.42 1.28 0.00	58.74 1.33 0.00	60.11 2.46 0.00	107.94 3.40 0.00	203.53 6.49 0.00	84.77 2.36 0.00	80.33 3.82 0.00	125.22 6.13 0.00	58.41 3.48 -2.73	56.93 4.23 -6.28	45.20 3.20 0.00
OSWEGATCHIE___HYD 24044	33.08 -0.35 -0.01	26.11 -0.61 0.00	26.95 -0.56 0.00	26.14 -0.64 0.00	26.59 -0.42 0.00	31.43 -0.38 0.00	39.42 -0.36 -0.04	36.77 -0.07 -0.44	38.22 0.17 -0.54	41.43 0.14 -0.53	43.49 0.12 -0.20	43.55 -0.13 -0.23	43.43 -0.26 -0.23	52.68 -0.22 -0.77	57.52 -0.99 -1.09	57.49 -1.27 -1.12	103.76 -2.67 -1.88	194.45 -4.84 -2.25	83.22 -1.12 -1.92	78.54 -0.22 -2.25	122.93 1.60 -2.23	53.31 -0.12 -1.23	46.10 -0.58 -0.26	41.03 -1.05 -0.10
OSWEGO___5 23606	33.18 -0.33 -0.08	26.36 -0.37 0.00	27.04 -0.47 0.00	26.27 -0.50 0.00	26.50 -0.51 0.00	31.25 -0.55 0.00	39.59 -0.64 -0.49	41.42 -0.54 -5.56	43.74 -0.55 -6.79	46.94 -0.44 -6.62	45.22 -0.50 -2.56	45.84 -0.46 -2.83	45.99 -0.36 -2.90	61.27 -0.52 -9.66	70.49 -0.61 -13.68	71.11 -0.49 -13.95	127.21 -0.91 -23.58	223.59 -1.67 -28.22	105.78 -0.64 -23.99	104.40 -0.28 -28.17	146.61 -0.58 -28.10	67.55 -0.08 -15.42	49.75 0.04 -3.29	43.01 -0.19 -1.21
OSWEGO___6 23613	33.18 -0.33 -0.08	26.36 -0.37 0.00	27.04 -0.47 0.00	26.27 -0.50 0.00	26.50 -0.51 0.00	31.25 -0.55 0.00	39.59 -0.64 -0.49	41.42 -0.54 -5.56	43.74 -0.55 -6.79	46.94 -0.44 -6.62	45.22 -0.50 -2.56	45.84 -0.46 -2.83	45.99 -0.36 -2.90	61.27 -0.52 -9.66	70.49 -0.61 -13.68	71.11 -0.49 -13.95	127.21 -0.91 -23.58	223.59 -1.67 -28.22	105.78 -0.64 -23.99	104.40 -0.28 -28.17	146.61 -0.58 -28.10	67.55 -0.08 -15.42	49.75 0.04 -3.29	43.01 -0.19 -1.21

OUTOKUMPU-AB___DRP 24206	35.10 1.68 0.00	27.49 0.77 0.00	27.55 0.04 0.00	26.60 -0.18 0.00	26.76 -0.25 0.00	31.64 -0.17 0.00	39.53 -0.21 0.00	35.97 -0.42 0.00	37.45 -0.06 0.00	41.59 0.83 0.00	44.14 0.97 0.00	45.09 1.64 0.00	45.50 2.04 0.00	54.19 2.06 0.00	59.52 2.10 0.00	61.21 3.56 0.00	109.30 4.76 0.00	206.20 9.16 0.00	85.45 3.02 0.00	80.58 4.07 0.00	125.56 6.47 0.00	61.13 3.89 -5.05	63.16 5.01 -11.73	46.05 4.06 0.00
OXBOW___BTM 323836	34.68 1.26 0.00	27.19 0.46 0.00	27.22 -0.28 0.00	26.29 -0.49 0.00	26.45 -0.57 0.00	31.27 -0.53 0.00	39.05 -0.70 0.00	35.50 -0.89 0.00	36.93 -0.58 0.00	41.01 0.25 0.00	43.54 0.37 0.00	44.49 1.03 0.00	44.88 1.43 0.00	53.38 1.25 0.00	58.57 1.16 0.00	60.26 2.61 0.00	107.48 2.94 0.00	202.80 5.77 0.00	83.96 1.54 0.00	79.24 2.73 0.00	123.48 4.39 0.00	59.61 2.99 -4.42	60.95 4.34 -10.20	45.52 3.53 0.00
OXBOW___ 24026	34.68 1.26 0.00	27.19 0.46 0.00	27.23 -0.28 0.00	26.28 -0.49 0.00	26.45 -0.57 0.00	31.27 -0.54 0.00	39.04 -0.70 0.00	35.49 -0.90 0.00	36.92 -0.58 0.00	41.01 0.25 0.00	43.54 0.38 0.00	44.48 1.03 0.00	44.88 1.43 0.00	53.37 1.25 0.00	58.57 1.16 0.00	60.26 2.61 0.00	107.49 2.95 0.00	202.78 5.74 0.00	83.98 1.55 0.00	79.21 2.69 0.00	123.47 4.38 0.00	59.61 2.99 -4.42	60.94 4.32 -10.20	45.52 3.53 0.00
OXY_CHEM_DSASP 323612	34.20 0.78 0.00	26.83 0.10 0.00	26.87 -0.64 0.00	25.94 -0.84 0.00	26.11 -0.91 0.00	30.86 -0.95 0.00	38.49 -1.25 0.00	34.94 -1.46 0.00	36.31 -1.20 0.00	40.32 -0.44 0.00	42.81 -0.35 0.00	43.75 0.29 0.00	44.11 0.66 0.00	52.34 0.21 0.00	57.37 -0.05 0.00	59.03 1.38 0.00	105.16 0.62 0.00	198.31 1.27 0.00	82.10 -0.32 0.00	77.46 0.95 0.00	120.81 1.72 0.00	57.86 1.89 -3.77	58.49 3.44 -8.63	44.86 2.87 0.00
OZONE_PARK_ESR 323760	36.00 2.58 0.00	28.67 1.94 0.00	29.43 1.93 0.00	28.54 1.77 0.00	28.74 1.72 0.00	35.52 2.05 -1.66	42.48 2.74 0.00	49.81 2.98 -10.44	40.82 3.12 -0.19	44.19 3.43 0.00	46.66 3.50 0.00	46.94 3.48 0.00	47.10 3.65 0.00	56.26 4.13 0.00	62.10 4.69 0.00	62.31 4.66 0.00	113.90 9.36 0.00	214.82 17.79 0.00	89.44 7.02 0.00	82.57 6.06 0.00	127.57 8.48 0.00	56.51 4.31 0.00	50.03 3.61 0.00	45.04 3.05 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.20 0.78 0.00	26.83 0.10 0.00	26.87 -0.64 0.00	25.94 -0.84 0.00	26.11 -0.91 0.00	30.86 -0.95 0.00	38.49 -1.25 0.00	34.94 -1.46 0.00	36.31 -1.20 0.00	40.32 -0.44 0.00	42.81 -0.35 0.00	43.75 0.29 0.00	44.11 0.66 0.00	52.34 0.21 0.00	57.37 -0.05 0.00	59.03 1.38 0.00	105.16 0.62 0.00	198.31 1.27 0.00	82.10 -0.32 0.00	77.46 0.95 0.00	120.81 1.72 0.00	57.86 1.89 -3.77	58.49 3.44 -8.63	44.86 2.87 0.00
PACKARD___115KV_DUPONT_184 80571	34.20 0.78 0.00	26.83 0.10 0.00	26.87 -0.64 0.00	25.94 -0.84 0.00	26.11 -0.91 0.00	30.86 -0.95 0.00	38.49 -1.25 0.00	34.94 -1.46 0.00	36.31 -1.20 0.00	40.32 -0.44 0.00	42.81 -0.35 0.00	43.75 0.29 0.00	44.11 0.66 0.00	52.34 0.21 0.00	57.37 -0.05 0.00	59.03 1.38 0.00	105.16 0.62 0.00	198.31 1.27 0.00	82.10 -0.32 0.00	77.46 0.95 0.00	120.81 1.72 0.00	57.86 1.89 -3.77	58.49 3.44 -8.63	44.86 2.87 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.57 2.14 0.00	28.31 1.58 0.00	29.11 1.60 0.00	28.24 1.47 0.00	28.46 1.45 0.00	35.19 1.72 -1.66	42.06 2.32 0.00	49.39 2.56 -10.43	40.30 2.60 -0.19	43.55 2.79 0.00	46.04 2.87 0.00	46.26 2.81 0.00	46.26 2.80 0.00	55.35 3.22 0.00	61.04 3.63 0.00	61.23 3.58 0.00	111.78 7.24 0.00	210.44 13.41 0.00	87.75 5.33 0.00	81.00 4.49 0.00	125.00 5.90 -0.01	55.39 3.20 0.00	49.14 2.72 0.00	44.32 2.33 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.90 2.48 0.00	28.58 1.86 0.00	29.41 1.90 0.00	28.54 1.77 0.00	28.77 1.75 0.00	35.59 2.12 -1.66	42.52 2.78 0.00	49.81 2.98 -10.43	40.74 3.05 -0.19	43.98 3.22 0.00	46.48 3.32 0.00	46.62 3.15 0.00	46.59 3.14 0.00	55.79 3.66 0.00	61.56 4.14 0.00	61.76 4.11 0.00	112.80 8.26 0.00	212.26 15.22 0.00	88.60 6.18 0.00	81.85 5.34 0.00	126.43 7.33 -0.01	55.99 3.80 0.00	49.72 3.30 0.00	44.80 2.81 0.00
PATROON___115KV_TB1 80586	34.38 0.96 0.00	27.48 0.76 0.00	28.37 0.86 0.00	27.55 0.78 0.00	27.82 0.81 0.00	33.02 0.94 -0.27	40.96 1.22 0.00	39.28 1.18 -1.70	38.58 1.04 -0.03	41.95 1.19 0.00	44.55 1.38 0.00	44.79 1.33 0.00	44.72 1.26 0.00	53.48 1.35 0.00	59.07 1.66 0.00	58.97 1.32 0.00	107.44 2.89 0.00	202.49 5.45 0.00	84.65 2.23 0.00	78.56 2.05 0.00	122.05 2.96 0.00	53.70 1.50 0.00	47.77 1.35 0.00	43.18 1.19 0.00
PATTRSNVILLE___SOLAR 323815	34.78 1.36 0.00	27.75 1.02 0.00	28.59 1.09 0.00	27.78 1.01 0.00	28.05 1.04 0.00	33.05 1.24 0.00	41.34 1.60 0.00	39.38 1.54 -1.45	38.86 1.33 -0.03	42.12 1.36 0.00	44.60 1.44 0.00	45.03 1.58 0.00	44.74 1.29 0.00	53.41 1.28 0.00	59.27 1.85 0.00	59.44 1.79 0.00	107.27 2.73 0.00	203.66 6.63 0.00	85.28 2.86 0.00	79.58 3.07 0.00	123.94 4.85 0.00	54.51 2.31 0.00	48.45 2.03 0.00	43.71 1.72 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.28 1.86 0.00	27.64 0.91 0.00	27.75 0.24 0.00	26.81 0.04 0.00	26.97 -0.05 0.00	31.94 0.13 0.00	39.99 0.25 0.00	36.53 0.14 0.00	38.00 0.49 0.00	42.16 1.40 0.00	44.59 1.43 0.00	45.46 2.00 0.00	45.84 2.39 0.00	54.74 2.61 0.00	60.21 2.79 0.00	61.72 4.07 0.00	110.70 6.16 0.00	209.17 12.13 0.00	86.70 4.28 0.00	81.76 5.25 0.00	127.10 8.01 0.00	60.21 4.34 -3.68	60.06 5.14 -8.50	46.08 4.08 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.64 2.22 0.00	28.38 1.66 0.00	29.17 1.67 0.00	28.30 1.53 0.00	28.53 1.52 0.00	34.15 1.80 -0.54	42.25 2.51 0.00	42.47 2.77 -3.30	40.45 2.88 -0.06	43.84 3.08 0.00	46.33 3.17 0.00	46.62 3.16 0.00	46.71 3.25 0.00	55.89 3.76 0.00	61.67 4.25 0.00	61.89 4.24 0.00	113.06 8.52 0.00	213.23 16.19 0.00	88.96 6.53 0.00	82.18 5.66 0.00	126.99 7.90 0.00	56.03 3.83 0.00	49.63 3.21 0.00	44.67 2.67 0.00
PEEKSKILL___ 23653	35.15 1.73 0.00	28.03 1.31 0.00	28.83 1.32 0.00	27.96 1.19 0.00	28.18 1.17 0.00	35.12 1.36 -1.95	41.57 1.83 0.00	50.70 2.06 -12.25	39.85 2.12 -0.22	43.11 2.35 0.00	45.54 2.37 0.00	45.77 2.31 0.00	45.86 2.41 0.00	54.84 2.71 0.00	60.50 3.08 0.00	60.74 3.09 0.00	111.10 6.56 0.00	209.26 12.23 0.00	87.27 4.84 0.00	80.66 4.15 0.00	124.67 5.59 0.00	55.12 2.91 0.00	48.81 2.39 0.00	43.98 1.99 0.00
PGE MADISON___WINDPWR 24146	36.06 2.63 -0.01	28.69 1.96 0.00	29.38 1.88 0.00	28.80 2.02 0.00	28.92 1.91 0.00	34.27 2.46 0.00	43.28 3.49 -0.05	40.52 3.60 -0.53	42.06 3.91 -0.64	46.18 4.80 -0.63	48.31 4.90 -0.24	48.21 4.49 -0.27	48.68 4.95 -0.27	58.36 5.32 -0.92	63.78 5.07 -1.29	63.87 4.91 -1.32	116.28 9.50 -2.23	217.16 17.46 -2.67	92.94 8.25 -2.27	88.58 9.40 -2.66	135.84 14.10 -2.66	60.07 6.41 -1.46	52.42 5.69 -0.31	46.62 4.51 -0.11

PIERCEFIELD___HYD 23852	32.22 -1.20 0.00	25.70 -1.02 0.00	26.46 -1.05 0.00	25.92 -0.86 0.00	26.17 -0.84 0.00	30.76 -1.05 0.00	38.52 -1.24 -0.02	35.44 -1.18 -0.23	36.76 -1.03 -0.28	39.78 -1.26 -0.27	42.01 -1.26 -0.11	42.05 -1.52 -0.12	41.84 -1.73 -0.12	50.67 -1.85 -0.40	55.82 -2.16 -0.56	55.98 -2.24 -0.57	100.44 -5.07 -0.97	188.45 -9.74 -1.16	79.78 -3.63 -0.99	74.24 -3.43 -1.16	116.22 -4.01 -1.15	50.38 -2.45 -0.63	44.03 -2.52 -0.13	40.11 -1.94 -0.05
PINELAWN_CC_1 323563	36.30 2.28 -0.60	30.17 2.00 -1.44	29.89 2.02 -0.37	40.27 1.91 -11.59	28.88 1.86 0.00	39.15 2.22 -5.12	42.63 2.88 0.00	49.99 3.06 -10.53	40.82 3.12 -0.19	43.78 3.02 0.00	45.87 2.71 0.00	45.57 2.14 0.03	45.77 2.32 0.00	54.72 2.59 0.00	60.17 2.76 0.00	60.36 2.72 0.00	109.33 5.97 1.18	210.74 13.71 0.00	88.02 5.59 0.00	80.98 4.47 0.00	134.56 6.79 -8.68	86.57 3.73 -30.64	73.17 3.16 -23.58	44.57 2.57 0.00
PJM_GEN_HTTP_PROXY 323702	35.42 2.00 0.00	28.24 1.51 0.00	29.01 1.50 0.00	28.13 1.36 0.00	28.34 1.33 0.00	33.14 1.58 0.24	41.85 2.11 0.00	49.24 2.41 -10.44	39.99 2.52 0.03	46.28 2.76 -2.77	45.97 2.80 0.00	46.22 2.76 0.00	46.37 2.92 0.00	55.46 3.24 -0.09	61.10 3.68 0.00	61.23 3.59 0.00	131.54 7.45 -19.55	211.15 14.11 0.00	82.28 5.50 5.64	81.09 4.58 0.00	125.25 6.16 0.00	55.45 3.25 0.00	49.09 2.68 0.00	44.26 2.27 0.00
PJM_GEN_KEystone 24065	36.67 1.28 -1.98	25.54 0.73 1.91	27.98 0.47 0.00	27.12 0.34 0.00	27.29 0.28 0.00	27.70 0.43 4.54	40.44 0.69 0.00	20.14 0.86 17.12	36.16 0.99 2.33	45.02 1.49 -2.77	44.20 1.31 0.27	44.86 1.45 0.04	44.91 1.64 0.19	53.89 1.83 0.07	59.38 1.98 0.02	60.06 2.43 0.02	128.73 4.64 -19.55	205.21 8.65 0.48	79.92 3.14 5.64	79.83 3.32 0.00	123.45 4.39 0.03	55.68 2.51 -0.98	48.85 2.62 0.19	51.50 2.03 -7.48
PJM_GEN_NEPTUNE_PROXY 323594	35.82 1.94 -0.46	29.51 1.68 -1.11	29.39 1.68 -0.20	34.57 1.58 -6.22	28.56 1.54 0.00	35.25 1.83 -1.62	42.10 2.36 0.00	49.48 2.56 -10.53	40.09 2.61 0.03	46.08 2.56 -2.77	45.61 2.45 0.00	45.58 2.15 0.03	45.79 2.34 0.00	54.88 2.66 -0.09	60.43 3.01 0.00	60.56 2.92 0.00	130.33 6.23 -19.55	210.56 13.52 0.00	82.17 5.39 5.64	80.93 4.42 0.00	127.51 6.45 -1.98	78.38 3.41 -22.77	65.60 2.91 -16.26	44.43 2.44 0.00
PJM_GEN_VFT_PROXY 323633	35.28 1.86 0.00	28.11 1.39 0.00	28.89 1.38 0.00	28.01 1.23 0.00	28.20 1.19 0.00	32.97 1.41 0.24	41.63 1.88 0.00	40.71 2.21 -2.10	39.81 2.34 0.03	46.04 2.52 -2.77	41.87 2.51 3.80	45.31 2.46 0.61	43.38 2.61 2.69	52.82 2.88 2.19	60.42 3.28 0.28	60.66 3.22 0.21	130.91 6.82 -19.55	202.85 12.66 6.84	81.73 4.95 5.64	80.59 4.08 0.00	124.08 5.40 0.40	53.81 2.91 1.30	46.08 2.37 2.70	43.79 2.02 0.22
PLATSBURG_115KV_PMLD1 355749	33.42 0.00 0.00	26.74 0.01 0.00	27.41 -0.10 0.00	26.70 -0.07 0.00	26.79 -0.22 0.00	31.18 -0.63 0.00	39.28 -0.47 0.00	35.93 -0.47 0.00	37.22 -0.28 0.00	40.78 0.03 0.00	43.56 0.40 0.00	43.47 0.01 0.00	43.13 -0.32 0.00	52.07 -0.06 0.00	57.02 -0.40 0.00	56.91 -0.74 0.00	102.13 -2.41 0.00	195.01 -2.03 0.00	81.43 -1.00 0.00	74.59 -1.92 0.00	116.69 -2.40 0.00	50.89 -1.31 0.00	45.05 -1.37 0.00	41.04 -0.95 0.00
PLEASANTVLY___LBMP 24000	34.95 1.53 0.00	27.85 1.13 0.00	28.68 1.17 0.00	27.83 1.06 0.00	28.07 1.06 0.00	33.76 1.24 -0.71	41.41 1.66 0.00	42.68 1.85 -4.44	39.44 1.85 -0.08	42.83 2.07 0.00	45.31 2.14 0.00	45.52 2.06 0.00	45.53 2.08 0.00	54.42 2.29 0.00	60.02 2.60 0.00	60.17 2.52 0.00	110.06 5.52 0.00	207.36 10.32 0.00	86.56 4.14 0.00	80.01 3.50 0.00	123.81 4.72 0.00	54.67 2.47 0.00	48.50 2.08 0.00	43.77 1.78 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.30 1.88 0.00	28.14 1.42 0.00	28.95 1.44 0.00	28.08 1.31 0.00	28.29 1.28 0.00	34.61 1.52 -1.28	41.78 2.03 0.00	46.67 2.25 -8.02	39.97 2.32 -0.15	43.32 2.56 0.00	45.78 2.62 0.00	46.03 2.57 0.00	46.13 2.68 0.00	55.11 2.98 0.00	60.83 3.41 0.00	61.03 3.38 0.00	111.57 7.03 0.00	210.27 13.24 0.00	87.67 5.25 0.00	81.00 4.49 0.00	125.16 6.07 0.00	55.33 3.13 0.00	49.04 2.62 0.00	44.18 2.19 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.30 1.88 0.00	28.14 1.42 0.00	28.95 1.44 0.00	28.08 1.31 0.00	28.29 1.28 0.00	34.61 1.52 -1.28	41.78 2.03 0.00	46.67 2.25 -8.02	39.97 2.32 -0.15	43.32 2.56 0.00	45.78 2.62 0.00	46.03 2.57 0.00	46.13 2.68 0.00	55.11 2.98 0.00	60.83 3.41 0.00	61.03 3.38 0.00	111.57 7.03 0.00	210.27 13.24 0.00	87.67 5.25 0.00	81.00 4.49 0.00	125.16 6.07 0.00	55.33 3.13 0.00	49.04 2.62 0.00	44.18 2.19 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.34 1.92 0.00	28.13 1.41 0.00	28.94 1.43 0.00	28.08 1.31 0.00	28.32 1.31 0.00	33.66 1.54 -0.31	41.71 1.97 0.00	40.57 2.08 -2.09	39.66 2.11 -0.04	43.35 2.59 0.00	45.93 2.76 0.00	46.16 2.71 0.00	46.22 2.77 0.00	55.26 3.12 0.00	60.94 3.52 0.00	61.13 3.48 0.00	111.89 7.35 0.00	210.94 13.91 0.00	88.07 5.64 0.00	81.35 4.84 0.00	125.77 6.68 0.00	55.50 3.30 0.00	49.16 2.74 0.00	44.29 2.30 0.00
POLETTI_____ 23519	35.40 1.98 0.00	28.21 1.49 0.00	28.99 1.48 0.00	28.11 1.34 0.00	28.32 1.30 0.00	35.02 1.54 -1.66	41.81 2.07 0.00	49.20 2.37 -10.44	40.18 2.48 -0.19	43.45 2.70 0.00	45.90 2.74 0.00	46.16 2.70 0.00	46.29 2.83 0.00	55.28 3.15 0.00	60.99 3.57 0.00	61.14 3.49 0.00	111.79 7.25 0.00	210.69 13.66 0.00	87.76 5.33 0.00	80.95 4.44 0.00	125.01 5.93 0.00	55.36 3.16 0.00	49.01 2.59 0.00	44.20 2.20 0.00
POMONA___ESR 323819	35.08 1.66 0.00	27.97 1.24 0.00	28.77 1.26 0.00	27.92 1.15 0.00	28.13 1.11 0.00	30.61 1.28 2.47	41.44 1.70 0.00	22.78 1.92 15.53	39.21 1.98 0.28	42.99 2.24 0.00	45.42 2.25 0.00	45.67 2.22 0.00	45.77 2.32 0.00	54.79 2.66 0.00	60.45 3.03 0.00	60.77 3.12 0.00	111.14 6.60 0.00	209.23 12.19 0.00	87.25 4.83 0.00	80.67 4.15 0.00	124.60 5.52 0.00	55.05 2.85 0.00	48.71 2.29 0.00	43.85 1.86 0.00
PORT_JEFF_3 23555	35.88 1.86 -0.60	30.00 1.83 -1.44	29.71 1.84 -0.37	40.12 1.76 -11.59	28.74 1.72 0.00	38.95 2.02 -5.12	42.32 2.58 0.00	49.65 2.73 -10.53	40.52 2.82 -0.19	43.39 2.63 0.00	45.70 2.53 0.00	45.40 1.97 0.03	45.71 2.25 0.00	54.51 2.38 0.00	59.95 2.54 0.00	60.16 2.51 0.00	109.32 5.35 0.56	210.88 13.85 0.00	88.11 5.69 0.00	81.18 4.66 0.00	242.66 7.60 -115.97	98.90 3.86 -42.84	72.73 3.38 -22.92	44.81 2.81 0.00
PORT_JEFF_4 23616	35.88 1.86 -0.60	30.00 1.83 -1.44	29.71 1.84 -0.37	40.12 1.76 -11.59	28.74 1.72 0.00	38.95 2.02 -5.12	42.32 2.58 0.00	49.65 2.73 -10.53	40.52 2.82 -0.19	43.39 2.63 0.00	45.70 2.53 0.00	45.40 1.97 0.03	45.71 2.25 0.00	54.51 2.38 0.00	59.95 2.54 0.00	60.16 2.51 0.00	109.32 5.35 0.56	210.88 13.85 0.00	88.11 5.69 0.00	81.18 4.66 0.00	242.66 7.60 -115.97	98.90 3.86 -42.84	72.73 3.38 -22.92	44.81 2.81 0.00

PORT_JEFF_IC 23713	35.98 1.96 -0.60	30.06 1.90 -1.44	29.78 1.90 -0.36	40.19 1.83 -11.59	28.79 1.78 0.00	39.03 2.10 -5.12	42.42 2.68 0.00	49.74 2.81 -10.53	40.61 2.91 -0.19	43.50 2.74 0.00	45.85 2.69 0.00	45.58 2.16 0.03	45.89 2.43 0.00	54.69 2.56 0.00	60.03 2.61 0.00	60.25 2.61 0.00	109.50 5.54 0.58	211.36 14.32 0.00	88.28 5.86 0.00	81.34 4.82 0.00	280.57 7.85 -153.64	103.32 3.95 -47.16	73.24 3.54 -23.28	45.01 3.01 0.00
PPL PILGRIM_ST_GT1 24216	36.28 2.26 -0.60	30.26 2.09 -1.44	29.97 2.10 -0.37	40.37 2.01 -11.59	28.96 1.95 0.00	39.26 2.34 -5.12	42.70 2.96 0.00	50.06 3.14 -10.53	40.90 3.20 -0.19	43.80 3.04 0.00	46.18 3.02 0.00	45.99 2.56 0.03	46.16 2.71 0.00	55.20 3.07 0.00	60.87 3.45 0.00	60.74 3.09 0.00	110.31 6.44 0.67	212.56 15.52 0.00	88.74 6.31 0.00	81.72 5.20 0.00	149.22 8.11 -22.03	88.44 4.16 -32.08	72.66 3.82 -22.41	45.22 3.23 0.00
PPL PILGRIM_ST_GT2 24217	36.28 2.26 -0.60	30.26 2.09 -1.44	29.97 2.10 -0.37	40.37 2.01 -11.59	28.96 1.95 0.00	39.26 2.34 -5.12	42.70 2.96 0.00	50.06 3.14 -10.53	40.90 3.20 -0.19	43.80 3.04 0.00	46.18 3.02 0.00	45.99 2.56 0.03	46.16 2.71 0.00	55.20 3.07 0.00	60.87 3.45 0.00	60.74 3.09 0.00	110.31 6.44 0.67	212.56 15.52 0.00	88.74 6.31 0.00	81.72 5.20 0.00	149.22 8.11 -22.03	88.44 4.16 -32.08	72.66 3.82 -22.41	45.22 3.23 0.00
PPL_SHRM_GT3 24213	35.58 1.56 -0.60	29.77 1.61 -1.44	29.49 1.61 -0.37	39.89 1.53 -11.59	28.51 1.50 0.00	38.68 1.76 -5.12	42.01 2.26 0.00	49.18 2.25 -10.53	40.03 2.33 -0.19	42.94 2.18 0.00	45.39 2.23 0.00	44.99 1.56 0.03	45.26 1.81 0.00	54.16 2.03 0.00	59.63 2.22 0.00	59.88 2.23 0.00	109.01 5.04 0.57	211.21 14.17 0.00	88.48 6.05 0.00	81.46 4.95 0.00	252.21 9.93 -123.19	100.72 4.85 -43.67	73.65 4.23 -23.01	45.41 3.41 0.00
PPL_SHRM_GT4 24214	35.58 1.56 -0.60	29.77 1.61 -1.44	29.49 1.61 -0.37	39.89 1.53 -11.59	28.51 1.50 0.00	38.68 1.76 -5.12	42.01 2.26 0.00	49.18 2.25 -10.53	40.03 2.33 -0.19	42.94 2.18 0.00	45.39 2.23 0.00	44.99 1.56 0.03	45.26 1.81 0.00	54.16 2.03 0.00	59.63 2.22 0.00	59.88 2.23 0.00	109.01 5.04 0.57	211.21 14.17 0.00	88.48 6.05 0.00	81.46 4.95 0.00	252.21 9.93 -123.19	100.72 4.85 -43.67	73.65 4.23 -23.01	45.41 3.41 0.00
PROJECT___ORANGE 1 24174	33.77 0.34 -0.01	26.86 0.13 0.00	27.51 0.01 0.00	26.71 -0.06 0.00	26.95 -0.07 0.00	31.80 -0.01 0.00	39.88 0.07 -0.06	37.27 0.16 -0.71	38.60 0.22 -0.88	42.08 0.47 -0.85	43.91 0.42 -0.33	44.35 0.52 -0.36	44.49 0.66 -0.37	54.08 0.71 -1.24	59.91 0.73 -1.76	60.35 0.91 -1.80	109.23 1.65 -3.04	203.88 3.21 -3.64	86.91 1.40 -3.09	81.80 1.66 -3.63	125.03 2.32 -3.62	55.39 1.20 -1.99	48.00 1.16 -0.42	42.88 0.74 -0.15
PROJECT___ORANGE 2 24166	33.77 0.34 -0.01	26.86 0.13 0.00	27.51 0.01 0.00	26.71 -0.06 0.00	26.95 -0.07 0.00	31.80 -0.01 0.00	39.88 0.07 -0.06	37.27 0.16 -0.71	38.60 0.22 -0.88	42.08 0.47 -0.85	43.91 0.42 -0.33	44.35 0.52 -0.36	44.49 0.66 -0.37	54.08 0.71 -1.24	59.91 0.73 -1.76	60.35 0.91 -1.80	109.23 1.65 -3.04	203.88 3.21 -3.64	86.91 1.40 -3.09	81.80 1.66 -3.63	125.03 2.32 -3.62	55.39 1.20 -1.99	48.00 1.16 -0.42	42.88 0.74 -0.15
PUCKETT___SOLAR 323809	34.66 1.23 -0.01	27.56 0.83 0.00	28.17 0.66 0.00	27.43 0.66 0.00	27.65 0.63 0.00	32.69 0.88 0.00	41.03 1.25 -0.04	38.25 1.37 -0.48	39.51 1.42 -0.59	43.32 1.99 -0.57	45.27 1.88 -0.22	45.41 1.71 -0.24	45.65 1.95 -0.25	55.12 2.15 -0.84	60.70 2.10 -1.18	60.78 1.92 -1.21	110.40 3.81 -2.04	206.79 7.31 -2.45	87.86 3.36 -2.08	83.05 4.10 -2.44	127.45 5.93 -2.43	56.52 2.99 -1.34	49.58 2.88 -0.28	44.31 2.22 -0.10
PYRITES___HYD 24023	33.02 -0.41 0.00	26.34 -0.38 0.00	27.10 -0.40 0.00	26.57 -0.20 0.00	26.83 -0.18 0.00	31.54 -0.27 0.00	39.54 -0.22 -0.02	36.33 -0.28 -0.21	37.66 -0.11 -0.26	40.70 -0.31 -0.25	42.91 -0.35 -0.10	42.84 -0.73 -0.11	42.45 -1.11 -0.11	51.49 -1.00 -0.37	56.96 -0.97 -0.52	57.16 -1.01 -0.53	102.24 -3.19 -0.89	192.89 -5.21 -1.07	81.89 -1.44 -0.91	75.96 -1.62 -1.07	119.22 -0.93 -1.06	51.68 -1.10 -0.58	45.17 -1.37 -0.12	41.19 -0.84 -0.05
QUAKERRD_115KV_BK1 80622	33.88 0.46 0.00	26.77 0.04 0.00	27.15 -0.35 0.00	26.30 -0.48 0.00	26.50 -0.52 0.00	31.30 -0.51 0.00	39.19 -0.56 0.00	35.87 -0.52 0.00	37.14 -0.37 0.00	40.92 0.16 0.00	43.39 0.23 0.00	44.05 0.59 0.00	44.29 0.84 0.00	52.94 0.81 0.00	58.29 0.87 0.00	59.26 1.61 0.00	106.83 2.29 0.00	201.66 4.62 0.00	84.11 1.68 0.00	78.85 2.33 0.00	122.52 3.43 0.00	54.22 2.02 0.00	48.75 2.46 0.13	43.71 1.72 0.00
QUENSBRY_115KV_TB8 356137	36.29 2.87 0.00	28.77 2.05 0.00	29.73 2.22 0.00	28.88 2.11 0.00	29.26 2.25 0.00	34.83 2.76 -0.26	43.45 3.71 0.00	41.41 3.38 -1.64	40.76 3.22 -0.03	44.26 3.50 0.00	46.76 3.60 0.00	46.97 3.51 0.00	46.68 3.23 0.00	55.68 3.55 0.00	61.60 4.19 0.00	61.94 4.29 0.00	112.82 8.28 0.00	214.22 17.18 0.00	90.33 7.91 0.00	83.61 7.09 0.00	130.72 11.63 0.00	57.09 4.89 0.00	50.65 4.23 0.00	45.68 3.69 0.00
RAMAPO___LBMP 323565	34.98 1.56 0.00	27.89 1.16 0.00	28.68 1.17 0.00	27.82 1.05 0.00	28.03 1.01 0.00	30.61 1.18 2.38	41.34 1.60 0.00	23.29 1.82 14.92	39.10 1.87 0.27	42.85 2.09 0.00	45.26 2.10 0.00	45.50 2.04 0.00	45.58 2.12 0.00	54.55 2.42 0.00	60.17 2.75 0.00	60.46 2.81 0.00	110.59 6.05 0.00	208.14 11.11 0.00	86.82 4.39 0.00	80.32 3.81 0.00	124.09 5.01 0.00	54.84 2.64 0.00	48.54 2.12 0.00	43.72 1.73 0.00
RANKINE____ 23646	35.27 1.85 0.00	27.64 0.92 0.00	27.74 0.23 0.00	26.79 0.02 0.00	26.94 -0.07 0.00	31.89 0.08 0.00	39.89 0.14 0.00	36.39 0.00 0.00	37.84 0.33 0.00	41.99 1.23 0.00	44.50 1.34 0.00	45.37 1.91 0.00	45.75 2.30 0.00	54.63 2.50 0.00	60.06 2.64 0.00	61.62 3.97 0.00	110.29 5.75 0.00	208.31 11.27 0.00	86.36 3.94 0.00	81.52 5.00 0.00	126.85 7.77 0.00	60.24 4.34 -3.70	60.23 5.26 -8.55	46.13 4.14 0.00
RAVENSWOOD_GT2_1 24244	35.49 2.07 0.00	28.28 1.56 0.00	29.07 1.56 0.00	28.19 1.42 0.00	28.40 1.39 0.00	35.11 1.64 -1.66	41.93 2.19 0.00	49.29 2.47 -10.43	40.27 2.57 -0.19	43.56 2.80 0.00	46.00 2.84 0.00	46.25 2.80 0.00	46.37 2.92 0.00	55.37 3.24 0.00	61.06 3.65 0.00	61.19 3.54 0.00	111.85 7.31 0.00	210.75 13.71 0.00	87.82 5.40 0.00	81.03 4.51 0.00	125.16 6.07 0.00	55.47 3.27 0.00	49.14 2.72 0.00	44.32 2.33 0.00
RAVENSWOOD_GT2_2 24245	35.49 2.07 0.00	28.28 1.56 0.00	29.07 1.56 0.00	28.19 1.42 0.00	28.40 1.39 0.00	35.11 1.64 -1.66	41.93 2.19 0.00	49.29 2.47 -10.43	40.27 2.57 -0.19	43.56 2.80 0.00	46.00 2.84 0.00	46.25 2.80 0.00	46.37 2.92 0.00	55.37 3.24 0.00	61.06 3.65 0.00	61.19 3.54 0.00	111.85 7.31 0.00	210.75 13.71 0.00	87.82 5.40 0.00	81.03 4.51 0.00	125.16 6.07 0.00	55.47 3.27 0.00	49.14 2.72 0.00	44.32 2.33 0.00

RAVENSWOOD_GT2_3 24246	35.51 2.08 0.00	28.30 1.58 0.00	29.08 1.57 0.00	28.21 1.43 0.00	28.41 1.39 0.00	35.13 1.66 -1.66	41.96 2.22 0.00	49.32 2.49 -10.43	40.30 2.60 -0.19	43.59 2.83 0.00	46.03 2.87 0.00	46.28 2.83 0.00	46.42 2.96 0.00	55.42 3.29 0.00	61.11 3.69 0.00	61.25 3.60 0.00	111.96 7.42 0.00	210.91 13.87 0.00	87.87 5.45 0.00	81.09 4.58 0.00	125.27 6.18 0.00	55.51 3.31 0.00	49.17 2.75 0.00	44.34 2.34 0.00
RAVENSWOOD_GT2_4 24247	35.51 2.08 0.00	28.30 1.58 0.00	29.08 1.57 0.00	28.21 1.43 0.00	28.41 1.39 0.00	35.13 1.66 -1.66	41.96 2.22 0.00	49.32 2.49 -10.43	40.30 2.60 -0.19	43.59 2.83 0.00	46.03 2.87 0.00	46.28 2.83 0.00	46.42 2.96 0.00	55.42 3.29 0.00	61.11 3.69 0.00	61.25 3.60 0.00	111.96 7.42 0.00	210.91 13.87 0.00	87.87 5.45 0.00	81.09 4.58 0.00	125.27 6.18 0.00	55.51 3.31 0.00	49.17 2.75 0.00	44.34 2.34 0.00
RAVENSWOOD_GT3_1 24248	35.50 2.07 0.00	28.28 1.56 0.00	29.07 1.56 0.00	28.19 1.42 0.00	28.40 1.39 0.00	35.11 1.64 -1.66	41.93 2.19 0.00	49.29 2.47 -10.43	40.27 2.57 -0.19	43.56 2.80 0.00	46.00 2.84 0.00	46.25 2.80 0.00	46.37 2.92 0.00	55.37 3.24 0.00	61.07 3.65 0.00	61.19 3.54 0.00	111.85 7.31 0.00	210.75 13.71 0.00	87.83 5.41 0.00	81.03 4.51 0.00	125.16 6.07 0.00	55.47 3.27 0.00	49.14 2.72 0.00	44.32 2.33 0.00
RAVENSWOOD_GT3_2 24249	35.50 2.07 0.00	28.28 1.56 0.00	29.07 1.56 0.00	28.19 1.42 0.00	28.40 1.39 0.00	35.11 1.64 -1.66	41.93 2.19 0.00	49.29 2.47 -10.43	40.27 2.57 -0.19	43.56 2.80 0.00	46.00 2.84 0.00	46.25 2.80 0.00	46.37 2.92 0.00	55.37 3.24 0.00	61.07 3.65 0.00	61.19 3.54 0.00	111.85 7.31 0.00	210.75 13.71 0.00	87.83 5.41 0.00	81.03 4.51 0.00	125.16 6.07 0.00	55.47 3.27 0.00	49.14 2.72 0.00	44.32 2.33 0.00
RAVENSWOOD_GT3_3 24250	35.56 2.14 0.00	28.34 1.62 0.00	29.12 1.61 0.00	28.24 1.47 0.00	28.45 1.44 0.00	35.18 1.70 -1.66	42.02 2.28 0.00	49.38 2.55 -10.43	40.36 2.66 -0.19	43.66 2.91 0.00	46.10 2.94 0.00	46.37 2.91 0.00	46.50 3.05 0.00	55.53 3.40 0.00	61.23 3.81 0.00	61.36 3.71 0.00	112.17 7.62 0.00	211.29 14.25 0.00	88.03 5.60 0.00	81.25 4.73 0.00	125.51 6.42 0.00	55.62 3.42 0.00	49.25 2.83 0.00	44.41 2.42 0.00
RAVENSWOOD_GT3_4 24251	35.56 2.14 0.00	28.34 1.62 0.00	29.12 1.61 0.00	28.24 1.47 0.00	28.45 1.44 0.00	35.18 1.70 -1.66	42.02 2.28 0.00	49.38 2.55 -10.43	40.36 2.66 -0.19	43.66 2.91 0.00	46.10 2.94 0.00	46.37 2.91 0.00	46.50 3.05 0.00	55.53 3.40 0.00	61.23 3.81 0.00	61.36 3.71 0.00	112.17 7.62 0.00	211.29 14.25 0.00	88.03 5.60 0.00	81.25 4.73 0.00	125.51 6.42 0.00	55.62 3.42 0.00	49.25 2.83 0.00	44.41 2.42 0.00
RAVENSWOOD_GT_1 23729	35.58 2.15 0.00	28.35 1.62 0.00	29.14 1.63 0.00	28.25 1.48 0.00	28.46 1.45 0.00	35.20 1.72 -1.66	42.06 2.31 0.00	49.43 2.60 -10.43	40.40 2.70 -0.19	43.65 2.90 0.00	46.09 2.93 0.00	46.36 2.90 0.00	46.45 3.00 0.00	55.43 3.30 0.00	61.10 3.68 0.00	61.26 3.61 0.00	111.89 7.35 0.00	210.45 13.41 0.00	87.73 5.30 0.00	80.90 4.39 0.00	123.08 5.69 1.70	54.03 3.18 1.36	49.10 2.68 0.00	44.34 2.34 0.00
RAVENSWOOD_GT_10 24258	35.49 2.07 0.00	28.28 1.56 0.00	29.07 1.56 0.00	28.19 1.41 0.00	28.40 1.39 0.00	35.11 1.64 -1.66	41.93 2.19 0.00	49.29 2.47 -10.43	40.26 2.56 -0.19	43.56 2.80 0.00	46.00 2.84 0.00	46.25 2.79 0.00	46.37 2.92 0.00	55.37 3.24 0.00	61.08 3.66 0.00	61.20 3.55 0.00	111.87 7.33 0.00	210.78 13.74 0.00	87.83 5.41 0.00	81.04 4.52 0.00	125.04 6.11 0.16	55.48 3.28 0.00	49.15 2.73 0.00	44.32 2.33 0.00
RAVENSWOOD_GT_11 24259	35.49 2.07 0.00	28.28 1.56 0.00	29.07 1.56 0.00	28.19 1.41 0.00	28.40 1.39 0.00	35.11 1.64 -1.66	41.93 2.19 0.00	49.29 2.47 -10.43	40.26 2.56 -0.19	43.56 2.80 0.00	46.00 2.84 0.00	46.25 2.79 0.00	46.37 2.92 0.00	55.37 3.24 0.00	61.08 3.66 0.00	61.20 3.55 0.00	111.87 7.33 0.00	210.78 13.74 0.00	87.83 5.41 0.00	81.04 4.52 0.00	125.04 6.11 0.16	55.48 3.28 0.00	49.15 2.73 0.00	44.32 2.33 0.00
RAVENSWOOD_GT_4 24252	35.49 2.06 0.00	28.29 1.56 0.00	29.06 1.56 0.00	28.19 1.41 0.00	28.40 1.39 0.00	35.11 1.64 -1.66	41.93 2.19 0.00	49.28 2.46 -10.43	40.26 2.56 -0.19	43.55 2.79 0.00	46.00 2.84 0.00	46.25 2.79 0.00	46.37 2.92 0.00	55.38 3.25 0.00	61.08 3.66 0.00	61.20 3.55 0.00	111.89 7.35 0.00	210.93 13.89 0.00	87.88 5.45 0.00	81.10 4.59 0.00	124.08 6.28 1.29	54.49 3.32 1.03	49.17 2.75 0.00	44.33 2.33 0.00
RAVENSWOOD_GT_5 24254	35.49 2.06 0.00	28.29 1.56 0.00	29.06 1.56 0.00	28.19 1.41 0.00	28.40 1.39 0.00	35.11 1.64 -1.66	41.93 2.19 0.00	49.28 2.46 -10.43	40.26 2.56 -0.19	43.55 2.79 0.00	46.00 2.84 0.00	46.25 2.79 0.00	46.37 2.92 0.00	55.38 3.25 0.00	61.08 3.66 0.00	61.20 3.55 0.00	111.89 7.35 0.00	210.93 13.89 0.00	87.88 5.45 0.00	81.10 4.59 0.00	124.08 6.28 1.29	54.49 3.32 1.03	49.17 2.75 0.00	44.33 2.33 0.00
RAVENSWOOD_GT_6 24253	35.49 2.06 0.00	28.29 1.56 0.00	29.06 1.56 0.00	28.19 1.41 0.00	28.40 1.39 0.00	35.11 1.64 -1.66	41.93 2.19 0.00	49.28 2.46 -10.43	40.26 2.56 -0.19	43.55 2.79 0.00	46.00 2.84 0.00	46.25 2.79 0.00	46.37 2.92 0.00	55.38 3.25 0.00	61.08 3.66 0.00	61.20 3.55 0.00	111.89 7.35 0.00	210.93 13.89 0.00	87.88 5.45 0.00	81.10 4.59 0.00	124.08 6.28 1.29	54.49 3.32 1.03	49.17 2.75 0.00	44.33 2.33 0.00
RAVENSWOOD_GT_7 24255	35.49 2.06 0.00	28.29 1.56 0.00	29.06 1.56 0.00	28.19 1.41 0.00	28.40 1.39 0.00	35.11 1.64 -1.66	41.93 2.19 0.00	49.28 2.46 -10.43	40.26 2.56 -0.19	43.55 2.79 0.00	46.00 2.84 0.00	46.25 2.79 0.00	46.37 2.92 0.00	55.38 3.25 0.00	61.08 3.66 0.00	61.20 3.55 0.00	111.89 7.35 0.00	210.93 13.89 0.00	87.88 5.45 0.00	81.10 4.59 0.00	124.08 6.28 1.29	54.49 3.32 1.03	49.17 2.75 0.00	44.33 2.33 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.49 2.07 0.00	28.28 1.56 0.00	29.07 1.56 0.00	28.19 1.41 0.00	28.40 1.39 0.00	35.11 1.64 -1.66	41.93 2.19 0.00	49.29 2.47 -10.43	40.26 2.56 -0.19	43.56 2.80 0.00	46.00 2.84 0.00	46.25 2.79 0.00	46.37 2.92 0.00	55.37 3.24 0.00	61.08 3.66 0.00	61.20 3.55 0.00	111.87 7.33 0.00	210.78 13.74 0.00	87.83 5.41 0.00	81.04 4.52 0.00	125.04 6.11 0.16	55.48 3.28 0.00	49.15 2.73 0.00	44.32 2.33 0.00
RAVENSWOOD_GT_9 24257	35.49 2.07 0.00	28.28 1.56 0.00	29.07 1.56 0.00	28.19 1.41 0.00	28.40 1.39 0.00	35.11 1.64 -1.66	41.93 2.19 0.00	49.29 2.47 -10.43	40.26 2.56 -0.19	43.56 2.80 0.00	46.00 2.84 0.00	46.25 2.79 0.00	46.37 2.92 0.00	55.37 3.24 0.00	61.08 3.66 0.00	61.20 3.55 0.00	111.87 7.33 0.00	210.78 13.74 0.00	87.83 5.41 0.00	81.04 4.52 0.00	125.04 6.11 0.16	55.48 3.28 0.00	49.15 2.73 0.00	44.32 2.33 0.00

RAVENSWOOD___1 23533	35.55 2.13 0.00	28.33 1.61 0.00	29.11 1.60 0.00	28.24 1.46 0.00	28.45 1.43 0.00	35.17 1.70 -1.66	42.02 2.28 0.00	49.40 2.57 -10.43	40.37 2.68 -0.19	43.63 2.88 0.00	46.07 2.91 0.00	46.34 2.88 0.00	46.42 2.97 0.00	55.41 3.28 0.00	61.08 3.66 0.00	61.24 3.59 0.00	111.82 7.28 0.00	210.38 13.34 0.00	87.68 5.26 0.00	80.87 4.35 0.00	122.35 5.64 2.37	52.07 3.15 3.28	49.06 2.65 0.00	44.31 2.32 0.00
RAVENSWOOD___2 23534	35.47 2.05 0.00	28.27 1.54 0.00	29.05 1.55 0.00	28.17 1.40 0.00	28.38 1.37 0.00	35.10 1.63 -1.66	41.93 2.19 0.00	49.32 2.49 -10.43	40.29 2.59 -0.19	43.54 2.78 0.00	45.97 2.80 0.00	46.30 2.84 0.00	46.40 2.95 0.00	55.38 3.25 0.00	61.04 3.63 0.00	61.22 3.57 0.00	111.63 7.09 0.00	209.78 12.74 0.00	87.19 4.77 0.00	80.26 3.75 0.00	121.24 4.54 2.39	51.57 2.70 3.33	48.72 2.30 0.00	44.13 2.14 0.00
RAVENSWOOD___3 23535	35.49 2.07 0.00	28.28 1.56 0.00	29.06 1.56 0.00	28.19 1.42 0.00	28.40 1.38 0.00	35.11 1.64 -1.66	41.93 2.19 0.00	49.30 2.47 -10.43	40.27 2.57 -0.19	43.56 2.80 0.00	46.01 2.84 0.00	46.25 2.80 0.00	46.37 2.92 0.00	55.37 3.24 0.00	61.07 3.66 0.00	61.20 3.55 0.00	111.88 7.34 0.00	210.75 13.71 0.00	87.83 5.40 0.00	81.02 4.51 0.00	125.15 6.07 0.00	55.47 3.27 0.00	49.14 2.72 0.00	44.32 2.33 0.00
RAVENSWOOD___4 23820	35.53 2.11 0.00	28.31 1.59 0.00	29.09 1.59 0.00	28.22 1.45 0.00	28.42 1.41 0.00	35.15 1.68 -1.66	42.00 2.26 0.00	49.38 2.55 -10.43	40.34 2.64 -0.19	43.60 2.84 0.00	46.03 2.87 0.00	46.30 2.85 0.00	46.40 2.95 0.00	55.38 3.25 0.00	61.04 3.63 0.00	61.21 3.56 0.00	111.79 7.25 0.00	210.24 13.20 0.00	87.64 5.22 0.00	80.81 4.30 0.01	121.57 5.54 3.05	50.08 3.12 5.23	49.02 2.61 0.00	44.28 2.29 0.00
RCPL_TRUST___DRP 24196	35.47 2.05 0.00	28.27 1.54 0.00	29.04 1.53 0.00	28.16 1.39 0.00	28.37 1.36 0.00	35.09 1.62 -1.66	41.92 2.18 0.00	49.31 2.48 -10.44	40.29 2.59 -0.19	43.60 2.83 0.00	46.05 2.89 0.00	46.31 2.85 0.00	46.46 3.01 0.00	55.48 3.35 0.00	61.22 3.80 0.00	61.36 3.72 0.00	112.20 7.66 0.00	211.55 14.51 0.00	88.09 5.66 0.00	81.21 4.70 0.00	125.46 6.38 0.00	55.53 3.33 0.00	49.17 2.75 0.00	44.31 2.32 0.00
RED___ROCHESTER 323720	35.10 1.68 0.00	27.66 0.94 0.00	27.97 0.47 0.00	27.07 0.30 0.00	27.27 0.26 0.00	32.24 0.43 0.00	40.37 0.63 0.00	37.07 0.67 0.00	38.44 0.94 0.00	42.47 1.71 0.00	44.96 1.80 0.00	45.59 2.13 0.00	45.90 2.45 0.00	54.87 2.74 0.00	60.38 2.96 0.00	61.58 3.93 0.00	110.80 6.26 0.00	209.26 12.22 0.00	87.20 4.78 0.00	81.90 5.39 0.00	127.27 8.18 0.00	54.61 4.21 1.81	46.83 4.57 4.16	45.50 3.51 0.00
REGAN___SOLAR 323812	37.43 4.01 0.00	29.83 3.10 0.00	30.52 3.01 0.00	29.60 2.83 0.00	29.93 2.92 0.00	35.36 3.54 0.00	44.28 4.54 0.00	40.58 4.18 0.00	40.79 3.28 0.00	44.37 3.61 0.00	47.75 4.59 0.00	45.81 2.35 0.00	46.82 3.37 0.00	54.06 1.93 0.00	65.31 7.89 0.00	59.08 1.44 0.00	111.26 6.72 0.00	207.02 9.98 0.00	90.68 8.25 0.00	86.32 9.81 0.00	135.61 16.52 0.00	59.51 7.31 0.00	52.39 5.97 0.00	47.01 5.02 0.00
RENSSELAER___COGEN 23796	34.12 0.70 0.00	27.28 0.56 0.00	28.17 0.66 0.00	27.36 0.59 0.00	27.63 0.62 0.00	32.79 0.70 -0.27	40.64 0.90 0.00	38.98 0.86 -1.73	38.23 0.69 -0.03	41.56 0.80 0.00	44.09 0.92 0.00	44.31 0.85 0.00	44.20 0.75 0.00	52.85 0.72 0.00	58.35 0.93 0.00	58.27 0.62 0.00	106.29 1.75 0.00	200.24 3.21 0.00	83.77 1.35 0.00	77.74 1.23 0.00	120.81 1.72 0.00	53.18 0.98 0.00	47.34 0.92 0.00	42.85 0.85 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.52 5.10 0.00	30.33 3.60 0.00	31.42 3.91 0.00	30.57 3.80 0.00	31.08 4.06 0.00	37.15 5.08 -0.26	46.78 7.04 0.00	44.26 6.22 -1.65	43.48 5.94 -0.03	47.15 6.39 0.00	50.18 7.02 0.00	50.21 6.75 0.00	49.53 6.08 0.00	59.27 7.14 0.00	65.65 8.24 0.00	65.64 8.00 0.00	121.88 17.34 0.00	233.71 36.67 0.00	97.92 15.49 0.00	90.04 13.53 0.00	140.29 21.20 0.00	60.83 8.63 0.00	53.96 7.54 0.00	48.79 6.80 0.00
REVERE_CPPR_DRP 24186	35.01 1.59 -0.01	27.81 1.08 0.00	28.60 1.09 0.00	27.73 0.95 0.00	28.08 1.07 0.00	33.21 1.40 0.00	41.68 1.91 -0.03	38.69 1.93 -0.37	40.01 2.06 -0.45	43.66 2.47 -0.43	45.90 2.56 -0.17	46.11 2.46 -0.19	45.95 2.31 -0.19	55.38 2.62 -0.64	61.19 2.87 -0.90	61.48 2.91 -0.92	111.30 5.21 -1.55	209.47 10.58 -1.86	88.66 4.66 -1.58	83.36 4.99 -1.86	129.08 8.15 -1.85	56.65 3.43 -1.02	49.39 2.76 -0.22	44.05 1.97 -0.08
REYNOLDS_115KV_TB3 80639	34.39 0.96 0.00	27.48 0.75 0.00	28.40 0.89 0.00	27.59 0.82 0.00	27.87 0.85 0.00	33.05 0.96 -0.29	40.99 1.25 0.00	39.35 1.16 -1.80	38.53 0.99 -0.03	41.89 1.13 0.00	44.45 1.29 0.00	44.65 1.19 0.00	44.50 1.05 0.00	53.20 1.07 0.00	58.74 1.32 0.00	58.64 0.99 0.00	107.14 2.60 0.00	201.73 4.69 0.00	84.46 2.04 0.00	78.38 1.87 0.00	121.83 2.74 0.00	53.60 1.40 0.00	47.73 1.32 0.00	43.20 1.20 0.00
RIVERBAY____ 323610	35.90 2.48 0.00	28.58 1.86 0.00	29.41 1.90 0.00	28.54 1.77 0.00	28.77 1.75 0.00	35.59 2.12 -1.66	42.52 2.78 0.00	49.81 2.98 -10.43	40.74 3.05 -0.19	43.98 3.22 0.00	46.48 3.32 0.00	46.62 3.15 0.00	46.59 3.14 0.00	55.79 3.66 0.00	61.56 4.14 0.00	61.76 4.11 0.00	112.80 8.26 0.00	212.26 15.22 0.00	88.60 6.18 0.00	81.85 5.34 0.00	126.43 7.33 -0.01	55.99 3.80 0.00	49.72 3.30 0.00	44.80 2.81 0.00
RIVERSDE_115KV_TB3 55908	34.28 0.86 0.00	27.40 0.67 0.00	28.29 0.78 0.00	27.48 0.71 0.00	27.75 0.74 0.00	32.93 0.85 -0.28	40.84 1.10 0.00	39.19 1.06 -1.73	38.44 0.90 -0.03	41.79 1.04 0.00	44.36 1.20 0.00	44.60 1.14 0.00	44.50 1.05 0.00	53.22 1.09 0.00	58.77 1.35 0.00	58.68 1.03 0.00	106.96 2.42 0.00	201.55 4.51 0.00	84.31 1.89 0.00	78.22 1.70 0.00	121.57 2.48 0.00	53.49 1.29 0.00	47.61 1.19 0.00	43.06 1.06 0.00
ROARING___BROOK_WT_PWR 323790	32.01 -1.41 0.00	25.62 -1.11 0.00	26.36 -1.15 0.00	26.03 -0.75 0.00	26.36 -0.66 0.00	31.05 -0.76 0.00	38.90 -0.84 0.00	35.61 -0.78 0.00	36.81 -0.70 0.00	39.77 -1.00 0.00	42.25 -0.91 0.00	42.68 -0.78 0.00	42.68 -0.77 0.00	51.09 -1.04 0.00	55.93 -1.49 0.00	55.97 -1.68 0.00	100.83 -3.71 0.00	189.80 -7.24 0.00	79.67 -2.76 0.00	73.90 -2.62 0.00	116.51 -2.58 0.00	50.21 -1.99 0.00	44.69 -1.73 0.00	40.03 -1.96 0.00
ROCHESRG_115KV_T4 355643	34.58 1.16 0.00	27.29 0.56 0.00	27.60 0.09 0.00	26.71 -0.06 0.00	26.91 -0.10 0.00	31.80 -0.01 0.00	39.80 0.06 0.00	36.39 0.00 0.00	37.70 0.20 0.00	41.61 0.84 0.00	44.12 0.96 0.00	44.84 1.38 0.00	45.10 1.65 0.00	53.88 1.74 0.00	59.29 1.88 0.00	60.43 2.78 0.00	108.69 4.15 0.00	205.17 8.14 0.00	85.45 3.02 0.00	80.22 3.71 0.00	124.84 5.75 0.00	53.86 3.15 1.49	46.66 3.66 3.41	44.75 2.76 0.00

ROCHESTER_9_IC 23652	34.86 1.44 0.00	27.49 0.76 0.00	27.81 0.30 0.00	26.90 0.13 0.00	27.10 0.09 0.00	32.04 0.23 0.00	40.10 0.36 0.00	36.67 0.28 0.00	38.01 0.50 0.00	41.96 1.20 0.00	44.50 1.34 0.00	45.24 1.78 0.00	45.53 2.08 0.00	54.40 2.27 0.00	59.87 2.45 0.00	61.04 3.39 0.00	109.82 5.28 0.00	207.30 10.27 0.00	86.36 3.93 0.00	81.08 4.56 0.00	126.09 7.00 0.00	54.10 3.70 1.81	46.39 4.13 4.16	45.14 3.15 0.00
ROCKVIEW_13_KV_LD 356306	35.55 2.13 0.00	28.31 1.58 0.00	29.12 1.61 0.00	28.24 1.47 0.00	28.43 1.42 0.00	35.18 1.71 -1.66	41.99 2.25 0.00	49.31 2.49 -10.42	40.31 2.61 -0.19	43.60 2.83 0.00	46.08 2.92 0.00	46.29 2.83 0.00	46.44 2.99 0.00	55.56 3.43 0.00	61.29 3.87 0.00	61.43 3.78 0.00	112.36 7.82 0.00	211.75 14.71 0.00	88.26 5.83 0.00	81.51 5.00 0.00	125.96 6.87 0.00	55.69 3.49 0.00	49.39 2.97 0.00	44.43 2.44 0.00
ROME____115KV_TB2 80656	35.01 1.59 -0.01	27.81 1.08 0.00	28.60 1.09 0.00	27.73 0.95 0.00	28.08 1.07 0.00	33.21 1.40 0.00	41.68 1.91 -0.03	38.69 1.93 -0.37	40.01 2.06 -0.45	43.66 2.47 -0.43	45.90 2.56 -0.17	46.11 2.46 -0.19	45.95 2.31 -0.19	55.38 2.62 -0.64	61.19 2.87 -0.90	61.48 2.91 -0.92	111.30 5.21 -1.55	209.47 10.58 -1.86	88.66 4.66 -1.58	83.36 4.99 -1.86	129.08 8.15 -1.85	56.65 3.43 -1.02	49.39 2.76 -0.22	44.05 1.97 -0.08
ROSETON____1 23587	34.92 1.50 0.00	27.83 1.11 0.00	28.66 1.15 0.00	27.81 1.04 0.00	28.05 1.03 0.00	33.01 1.21 0.00	41.36 1.62 0.00	38.20 1.81 0.00	39.32 1.81 0.00	42.78 2.02 0.00	45.22 2.06 0.00	45.43 1.97 0.00	45.40 1.95 0.00	54.26 2.13 0.00	59.85 2.43 0.00	60.03 2.38 0.00	109.66 5.12 0.00	206.64 9.60 0.00	86.26 3.83 0.00	79.75 3.24 0.00	123.36 4.27 0.00	54.55 2.35 0.00	48.42 2.00 0.00	43.69 1.70 0.00
ROSETON____2 23588	34.92 1.50 0.00	27.83 1.11 0.00	28.66 1.15 0.00	27.81 1.04 0.00	28.05 1.03 0.00	33.01 1.21 0.00	41.36 1.62 0.00	38.20 1.81 0.00	39.32 1.81 0.00	42.78 2.02 0.00	45.22 2.06 0.00	45.43 1.97 0.00	45.40 1.95 0.00	54.26 2.13 0.00	59.85 2.43 0.00	60.03 2.38 0.00	109.66 5.12 0.00	206.64 9.60 0.00	86.26 3.83 0.00	79.75 3.24 0.00	123.36 4.27 0.00	54.55 2.35 0.00	48.42 2.00 0.00	43.69 1.70 0.00
ROTTDAM_115KV_TB3 80664	34.54 1.12 0.00	27.57 0.84 0.00	28.43 0.92 0.00	27.63 0.85 0.00	27.89 0.88 0.00	33.08 1.03 -0.24	41.07 1.33 0.00	39.20 1.30 -1.51	38.71 1.18 -0.03	42.06 1.29 0.00	44.54 1.38 0.00	44.84 1.38 0.00	44.74 1.29 0.00	53.47 1.34 0.00	59.04 1.62 0.00	59.20 1.55 0.00	107.50 2.96 0.00	202.98 5.94 0.00	85.00 2.57 0.00	78.99 2.48 0.00	122.84 3.75 0.00	54.05 1.85 0.00	48.07 1.65 0.00	43.38 1.40 0.00
RUSSELL____1 23602	35.10 1.68 0.00	27.67 0.94 0.00	27.97 0.47 0.00	27.07 0.30 0.00	27.27 0.26 0.00	32.24 0.43 0.00	40.36 0.62 0.00	37.06 0.67 0.00	38.44 0.93 0.00	42.47 1.71 0.00	44.96 1.80 0.00	45.58 2.13 0.00	45.90 2.45 0.00	54.86 2.73 0.00	60.38 2.96 0.00	61.58 3.93 0.00	110.80 6.26 0.00	209.25 12.21 0.00	87.21 4.78 0.00	81.87 5.36 0.00	127.26 8.17 0.00	54.61 4.21 1.81	46.82 4.56 4.16	45.50 3.51 0.00
RUSSELL____2 23532	35.10 1.68 0.00	27.67 0.94 0.00	27.97 0.47 0.00	27.07 0.30 0.00	27.27 0.26 0.00	32.24 0.43 0.00	40.36 0.62 0.00	37.06 0.67 0.00	38.44 0.93 0.00	42.47 1.71 0.00	44.96 1.80 0.00	45.58 2.13 0.00	45.90 2.45 0.00	54.86 2.73 0.00	60.38 2.96 0.00	61.58 3.93 0.00	110.80 6.26 0.00	209.25 12.21 0.00	87.21 4.78 0.00	81.87 5.36 0.00	127.26 8.17 0.00	54.61 4.21 1.81	46.82 4.56 4.16	45.50 3.51 0.00
RUSSELL____3 23549	35.10 1.68 0.00	27.67 0.94 0.00	27.97 0.47 0.00	27.07 0.30 0.00	27.27 0.26 0.00	32.24 0.43 0.00	40.36 0.62 0.00	37.06 0.67 0.00	38.44 0.93 0.00	42.47 1.71 0.00	44.96 1.80 0.00	45.58 2.13 0.00	45.90 2.45 0.00	54.86 2.73 0.00	60.38 2.96 0.00	61.58 3.93 0.00	110.80 6.26 0.00	209.25 12.21 0.00	87.21 4.78 0.00	81.87 5.36 0.00	127.26 8.17 0.00	54.61 4.21 1.81	46.82 4.56 4.16	45.50 3.51 0.00
RUSSELL____4 23556	35.10 1.68 0.00	27.67 0.94 0.00	27.97 0.47 0.00	27.07 0.30 0.00	27.27 0.26 0.00	32.24 0.43 0.00	40.36 0.62 0.00	37.06 0.67 0.00	38.44 0.93 0.00	42.47 1.71 0.00	44.96 1.80 0.00	45.58 2.13 0.00	45.90 2.45 0.00	54.86 2.73 0.00	60.38 2.96 0.00	61.58 3.93 0.00	110.80 6.26 0.00	209.25 12.21 0.00	87.21 4.78 0.00	81.87 5.36 0.00	127.26 8.17 0.00	54.61 4.21 1.81	46.82 4.56 4.16	45.50 3.51 0.00
RUSSELL____STATION 23914	35.10 1.68 0.00	27.67 0.94 0.00	27.97 0.47 0.00	27.07 0.30 0.00	27.27 0.26 0.00	32.24 0.43 0.00	40.36 0.62 0.00	37.06 0.67 0.00	38.44 0.93 0.00	42.47 1.71 0.00	44.96 1.80 0.00	45.58 2.13 0.00	45.90 2.45 0.00	54.86 2.73 0.00	60.38 2.96 0.00	61.58 3.93 0.00	110.80 6.26 0.00	209.25 12.21 0.00	87.21 4.78 0.00	81.87 5.36 0.00	127.26 8.17 0.00	54.61 4.21 1.81	46.82 4.56 4.16	45.50 3.51 0.00
S SALMON____HYD 24043	33.54 0.10 -0.03	26.55 -0.18 0.00	27.29 -0.22 0.00	26.47 -0.30 0.00	26.82 -0.19 0.00	31.68 -0.13 0.00	39.86 -0.03 -0.15	38.23 0.13 -1.71	39.79 0.20 -2.09	43.18 0.38 -2.03	44.21 0.27 -0.78	44.53 0.20 -0.87	44.62 0.28 -0.89	55.28 0.19 -2.97	61.40 -0.22 -4.20	61.71 -0.23 -4.28	111.15 -0.64 -7.24	204.81 -0.89 -8.67	89.95 0.16 -7.37	86.18 1.01 -8.65	129.89 2.18 -8.62	57.78 0.85 -4.74	47.93 0.50 -1.01	42.31 -0.05 -0.37
S.PERRY__115KV_TB1 80734	35.77 2.35 0.00	28.40 1.67 0.00	28.74 1.23 0.00	27.82 1.05 0.00	28.01 0.99 0.00	33.21 1.40 0.00	41.56 1.82 0.00	37.79 1.39 0.00	38.35 0.85 0.00	41.60 0.84 0.00	44.16 0.99 0.00	44.73 1.27 0.00	44.75 1.30 0.00	53.21 1.08 0.00	57.97 0.56 0.00	58.40 0.75 0.00	103.52 -1.02 0.00	194.53 -2.51 0.00	81.75 -0.67 0.00	78.24 1.73 0.00	126.98 7.90 0.00	56.68 4.48 0.00	51.13 4.65 -0.07	45.41 3.42 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.92 1.50 0.00	27.38 0.66 0.00	27.46 -0.05 0.00	26.52 -0.25 0.00	26.66 -0.35 0.00	31.54 -0.27 0.00	39.42 -0.32 0.00	35.91 -0.49 0.00	37.33 -0.18 0.00	41.43 0.67 0.00	43.95 0.79 0.00	44.86 1.40 0.00	45.23 1.78 0.00	53.94 1.81 0.00	59.29 1.87 0.00	60.87 3.22 0.00	108.84 4.30 0.00	205.52 8.48 0.00	85.16 2.74 0.00	80.36 3.85 0.00	125.15 6.06 0.00	59.14 3.68 -3.26	58.66 4.79 -7.45	45.75 3.76 0.00
SAWYER____23_KV_LOAD 55526	34.92 1.50 0.00	27.38 0.66 0.00	27.46 -0.05 0.00	26.52 -0.25 0.00	26.66 -0.35 0.00	31.54 -0.27 0.00	39.42 -0.32 0.00	35.91 -0.49 0.00	37.33 -0.18 0.00	41.43 0.67 0.00	43.95 0.79 0.00	44.86 1.40 0.00	45.23 1.78 0.00	53.94 1.81 0.00	59.29 1.87 0.00	60.87 3.22 0.00	108.84 4.30 0.00	205.52 8.48 0.00	85.16 2.74 0.00	80.36 3.85 0.00	125.15 6.06 0.00	59.14 3.68 -3.26	58.66 4.79 -7.45	45.75 3.76 0.00

SELKIRK___I 23801	34.41 0.99 0.00	27.55 0.83 0.00	28.43 0.92 0.00	27.62 0.84 0.00	27.89 0.88 0.00	33.08 1.03 -0.25	41.01 1.27 0.00	39.04 1.10 -1.55	38.36 0.83 -0.03	41.74 0.98 0.00	44.19 1.03 0.00	44.41 0.96 0.00	44.32 0.86 0.00	52.97 0.84 0.00	58.41 0.99 0.00	58.46 0.81 0.00	106.59 2.05 0.00	201.16 4.13 0.00	84.21 1.78 0.00	78.18 1.66 0.00	121.74 2.65 0.00	53.64 1.44 0.00	47.75 1.33 0.00	43.20 1.20 0.00
SELKIRK___II 23799	34.20 0.78 0.00	27.36 0.64 0.00	28.24 0.73 0.00	27.44 0.66 0.00	27.70 0.69 0.00	32.86 0.79 -0.26	40.73 0.99 0.00	39.02 0.96 -1.66	38.34 0.80 -0.03	41.69 0.93 0.00	44.17 1.01 0.00	44.40 0.94 0.00	44.31 0.85 0.00	52.98 0.85 0.00	58.45 1.03 0.00	58.44 0.79 0.00	106.51 1.97 0.00	200.70 3.66 0.00	83.98 1.56 0.00	77.93 1.42 0.00	121.14 2.05 0.00	53.36 1.16 0.00	47.48 1.06 0.00	42.93 0.94 0.00
SENECA OSWGO___HYD 24041	33.40 -0.06 -0.04	26.56 -0.17 0.00	27.23 -0.28 0.00	26.44 -0.34 0.00	26.67 -0.34 0.00	31.48 -0.33 0.00	39.61 -0.34 -0.21	38.57 -0.22 -2.40	40.19 -0.25 -2.93	43.53 -0.08 -2.86	44.09 -0.17 -1.10	44.53 -0.16 -1.22	44.69 -0.01 -1.25	56.12 -0.18 -4.17	63.11 -0.21 -5.91	63.66 -0.01 -6.02	114.50 -0.22 -10.18	209.08 -0.13 -12.18	92.86 0.08 -10.35	89.20 0.52 -12.16	131.91 0.70 -12.13	59.31 0.46 -6.66	48.29 0.45 -1.42	42.64 0.13 -0.52
SENECA___115KV_TB3 355854	35.34 1.92 0.00	27.70 0.98 0.00	27.80 0.29 0.00	26.85 0.07 0.00	27.00 -0.02 0.00	31.95 0.14 0.00	39.97 0.22 0.00	36.47 0.07 0.00	37.92 0.41 0.00	42.09 1.33 0.00	44.60 1.44 0.00	45.48 2.03 0.00	45.86 2.40 0.00	54.77 2.64 0.00	60.22 2.80 0.00	61.78 4.14 0.00	110.57 6.03 0.00	208.84 11.80 0.00	86.59 4.16 0.00	81.72 5.21 0.00	127.17 8.08 0.00	60.39 4.49 -3.70	60.35 5.38 -8.55	46.25 4.26 0.00
SENECA___ENERGY 23797	34.40 0.96 -0.01	27.26 0.53 0.00	27.84 0.33 0.00	27.00 0.23 0.00	27.19 0.18 0.00	32.12 0.31 0.00	40.39 0.56 -0.08	37.93 0.59 -0.96	39.35 0.67 -1.17	42.96 1.07 -1.14	44.64 1.04 -0.44	45.12 1.17 -0.49	45.45 1.50 -0.50	55.35 1.56 -1.66	61.47 1.71 -2.35	62.13 2.09 -2.39	111.85 3.27 -4.04	208.16 6.28 -4.84	89.63 3.10 -4.12	85.16 3.82 -4.83	129.17 5.26 -4.82	57.62 2.78 -2.65	49.68 2.73 -0.53	44.16 1.96 -0.21
SHOEMAKER___GT 23640	34.86 1.44 0.00	27.81 1.09 0.00	28.62 1.11 0.00	27.77 1.00 0.00	27.99 0.98 0.00	31.48 1.15 1.47	41.27 1.53 0.00	28.85 1.70 9.24	39.03 1.69 0.17	42.69 1.93 0.00	45.13 1.97 0.00	45.33 1.87 0.00	45.38 1.92 0.00	54.25 2.12 0.00	59.75 2.33 0.00	60.10 2.45 0.00	109.45 4.91 0.00	206.50 9.46 0.00	86.39 3.97 0.00	79.94 3.42 0.00	123.85 4.76 0.00	54.67 2.47 0.00	48.49 2.07 0.00	43.69 1.70 0.00
SHOEMAKR_138KV_BK 111 55601	34.84 1.42 0.00	27.79 1.07 0.00	28.59 1.09 0.00	27.76 0.98 0.00	27.97 0.96 0.00	31.53 1.12 1.40	41.24 1.50 0.00	29.27 1.67 8.78	39.01 1.67 0.16	42.65 1.89 0.00	45.09 1.93 0.00	45.31 1.85 0.00	45.35 1.89 0.00	54.24 2.11 0.00	59.76 2.34 0.00	60.07 2.42 0.00	109.52 4.98 0.00	206.51 9.47 0.00	86.32 3.90 0.00	79.90 3.39 0.00	123.70 4.61 0.00	54.61 2.41 0.00	48.44 2.02 0.00	43.65 1.65 0.00
SHOREHAM_IC_1 23715	35.58 1.56 -0.60	29.77 1.61 -1.44	29.49 1.61 -0.37	39.89 1.53 -11.59	28.51 1.50 0.00	38.68 1.76 -5.12	42.01 2.26 0.00	49.18 2.25 -10.53	40.03 2.33 -0.19	42.94 2.18 0.00	45.39 2.23 0.00	44.99 1.56 0.03	45.26 1.81 0.00	54.16 2.03 0.00	59.63 2.22 0.00	59.88 2.23 0.00	109.01 5.04 0.57	211.21 14.17 0.00	88.48 6.05 0.00	81.46 4.95 0.00	252.21 9.93 -123.19	100.72 4.85 -43.67	73.65 4.23 -23.01	45.41 3.41 0.00
SHOREHAM_IC_2 23716	35.58 1.56 -0.60	29.77 1.61 -1.44	29.49 1.61 -0.37	39.89 1.53 -11.59	28.51 1.50 0.00	38.68 1.76 -5.12	42.01 2.26 0.00	49.18 2.25 -10.53	40.03 2.33 -0.19	42.94 2.18 0.00	45.39 2.23 0.00	44.99 1.56 0.03	45.26 1.81 0.00	54.16 2.03 0.00	59.63 2.22 0.00	59.88 2.23 0.00	109.01 5.04 0.57	211.21 14.17 0.00	88.48 6.05 0.00	81.46 4.95 0.00	252.21 9.93 -123.19	100.72 4.85 -43.67	73.65 4.23 -23.01	45.41 3.41 0.00
SISSONVILLE____ 23735	32.22 -1.20 0.00	25.70 -1.02 0.00	26.46 -1.05 0.00	25.92 -0.86 0.00	26.17 -0.84 0.00	30.76 -1.05 0.00	38.52 -1.24 -0.02	35.44 -1.18 -0.23	36.76 -1.03 -0.28	39.78 -1.26 -0.27	42.01 -1.26 -0.11	42.05 -1.52 -0.12	41.84 -1.73 -0.12	50.67 -1.85 -0.40	55.82 -2.16 -0.56	55.98 -2.24 -0.57	100.44 -5.07 -0.97	188.45 -9.74 -1.16	79.78 -3.63 -0.99	74.24 -3.43 -1.16	116.22 -4.01 -1.15	50.38 -2.45 -0.63	44.03 -2.52 -0.13	40.11 -1.94 -0.05
SITHE_IND_GS1 24169	32.68 -0.64 0.10	26.12 -0.60 0.00	26.80 -0.71 0.00	26.04 -0.74 0.00	26.26 -0.76 0.00	30.97 -0.84 0.00	38.13 -1.01 0.61	28.54 -0.88 6.98	28.10 -0.90 8.51	31.65 -0.81 8.30	39.05 -0.91 3.21	39.05 -0.85 3.55	39.06 -0.76 3.64	39.01 -1.01 12.12	39.11 -1.15 17.16	39.12 -1.03 17.50	73.05 -1.92 29.57	158.15 -3.49 35.39	50.93 -1.41 30.08	40.16 -1.02 35.33	82.14 -1.72 35.23	32.26 -0.59 19.34	41.87 -0.42 4.12	39.90 -0.59 1.51
SITHE_IND_GS2 24170	32.68 -0.64 0.10	26.12 -0.60 0.00	26.80 -0.71 0.00	26.04 -0.74 0.00	26.26 -0.76 0.00	30.97 -0.84 0.00	38.13 -1.01 0.61	28.54 -0.88 6.98	28.10 -0.90 8.51	31.65 -0.81 8.30	39.05 -0.91 3.21	39.05 -0.85 3.55	39.06 -0.76 3.64	39.01 -1.01 12.12	39.11 -1.15 17.16	39.12 -1.03 17.50	73.05 -1.92 29.57	158.15 -3.49 35.39	50.93 -1.41 30.08	40.16 -1.02 35.33	82.14 -1.72 35.23	32.26 -0.59 19.34	41.87 -0.42 4.12	39.90 -0.59 1.51
SITHE_IND_GS3 24171	32.68 -0.64 0.10	26.12 -0.60 0.00	26.80 -0.71 0.00	26.04 -0.74 0.00	26.26 -0.76 0.00	30.97 -0.84 0.00	38.13 -1.01 0.61	28.54 -0.88 6.98	28.10 -0.90 8.51	31.65 -0.81 8.30	39.05 -0.91 3.21	39.05 -0.85 3.55	39.06 -0.76 3.64	39.01 -1.01 12.12	39.11 -1.15 17.16	39.12 -1.03 17.50	73.05 -1.92 29.57	158.15 -3.49 35.39	50.93 -1.41 30.08	40.16 -1.02 35.33	82.14 -1.72 35.23	32.26 -0.59 19.34	41.87 -0.42 4.12	39.90 -0.59 1.51
SITHE_IND_GS4 24172	32.68 -0.64 0.10	26.12 -0.60 0.00	26.80 -0.71 0.00	26.04 -0.74 0.00	26.26 -0.76 0.00	30.97 -0.84 0.00	38.13 -1.01 0.61	28.54 -0.88 6.98	28.10 -0.90 8.51	31.65 -0.81 8.30	39.05 -0.91 3.21	39.05 -0.85 3.55	39.06 -0.76 3.64	39.01 -1.01 12.12	39.11 -1.15 17.16	39.12 -1.03 17.50	73.05 -1.92 29.57	158.15 -3.49 35.39	50.93 -1.41 30.08	40.16 -1.02 35.33	82.14 -1.72 35.23	32.26 -0.59 19.34	41.87 -0.42 4.12	39.90 -0.59 1.51
SITHE___BATAVIA 24024	35.94 2.51 0.00	28.16 1.43 0.00	28.28 0.77 0.00	27.30 0.53 0.00	27.48 0.47 0.00	32.53 0.72 0.00	40.75 1.01 0.00	37.27 0.88 0.00	38.76 1.26 0.00	42.98 2.22 0.00	45.58 2.42 0.00	46.32 2.86 0.00	46.74 3.28 0.00	55.87 3.74 0.00	61.34 3.92 0.00	62.87 5.22 0.00	112.62 8.08 0.00	213.15 16.11 0.00	88.69 6.27 0.00	607.88 7.32 -524.04	1390.74 11.49 -1260.17	691.11 5.92 -632.99	187.84 6.44 -134.97	47.06 5.07 0.00

SITHE___INDEPEND 23800	32.68 -0.64 0.10	26.12 -0.60 0.00	26.80 -0.71 0.00	26.04 -0.74 0.00	26.26 -0.76 0.00	30.97 -0.84 0.00	38.12 -1.01 0.61	28.53 -0.88 6.98	28.10 -0.90 8.51	31.64 -0.82 8.30	39.05 -0.91 3.21	39.05 -0.85 3.55	39.06 -0.76 3.64	39.01 -1.01 12.12	39.11 -1.15 17.16	39.12 -1.03 17.50	73.06 -1.92 29.57	158.16 -3.48 35.39	50.93 -1.41 30.08	40.16 -1.02 35.33	82.14 -1.72 35.23	32.26 -0.60 19.34	41.87 -0.42 4.12	39.90 -0.59 1.51
SITHE___MASSENA 23902	32.80 -0.62 0.00	26.26 -0.47 0.00	27.01 -0.50 0.00	26.47 -0.30 0.00	26.70 -0.32 0.00	31.35 -0.46 0.00	39.16 -0.58 0.00	35.72 -0.67 0.00	36.94 -0.57 0.00	39.98 -0.78 0.00	42.42 -0.74 0.00	42.60 -0.86 0.00	42.48 -0.98 0.00	51.17 -0.96 0.00	56.36 -1.05 0.00	56.63 -1.02 0.00	101.76 -2.78 0.00	191.21 -5.82 0.00	80.13 -2.29 0.00	74.19 -2.32 0.00	116.35 -2.74 0.00	50.47 -1.73 0.00	44.74 -1.68 0.00	40.95 -1.04 0.00
SITHE___OGDNSBRG 24021	33.10 -0.32 0.00	26.46 -0.27 0.00	27.21 -0.30 0.00	26.70 -0.07 0.00	26.94 -0.07 0.00	31.65 -0.15 0.00	39.63 -0.12 0.00	36.18 -0.22 0.00	37.44 -0.06 0.00	40.47 -0.29 0.00	42.82 -0.34 0.00	42.77 -0.69 0.00	42.38 -1.08 0.00	51.14 -0.99 0.00	56.55 -0.87 0.00	56.81 -0.84 0.00	101.73 -2.81 0.00	192.19 -4.84 0.00	81.09 -1.33 0.00	74.95 -1.57 0.00	118.17 -0.92 0.00	51.15 -1.05 0.00	45.15 -1.27 0.00	41.29 -0.70 0.00
SITHE___STERLING 23777	34.74 1.31 -0.01	27.63 0.90 0.00	28.39 0.88 0.00	27.56 0.79 0.00	27.87 0.85 0.00	32.92 1.12 0.00	41.29 1.52 -0.04	38.34 1.55 -0.40	39.61 1.62 -0.48	43.25 2.02 -0.47	45.45 2.10 -0.18	45.68 2.02 -0.20	45.55 1.90 -0.21	54.96 2.14 -0.69	60.76 2.37 -0.97	61.13 2.49 -0.99	110.63 4.41 -1.67	208.00 8.96 -2.00	87.95 3.82 -1.70	82.66 4.14 -2.00	127.68 6.60 -1.99	56.20 2.90 -1.10	49.07 2.42 -0.23	43.87 1.79 -0.09
SLEIGHT___34_KV_TB1 80719	34.44 1.01 0.00	27.22 0.50 0.00	27.67 0.16 0.00	26.81 0.04 0.00	27.00 -0.01 0.00	31.91 0.11 0.00	40.03 0.26 -0.02	36.92 0.26 -0.26	38.27 0.44 -0.32	42.06 0.99 -0.31	44.33 1.05 -0.12	45.01 1.42 -0.13	45.25 1.66 -0.14	54.39 1.80 -0.46	60.01 1.94 -0.65	60.91 2.60 -0.66	109.94 4.29 -1.12	206.83 8.46 -1.34	87.00 3.44 -1.14	81.83 3.99 -1.33	126.22 5.80 -1.33	55.91 2.98 -0.73	49.62 3.15 -0.05	44.38 2.33 -0.06
SOUTH CAIRO___GT 23612	35.95 2.53 0.00	28.67 1.94 0.00	29.55 2.04 0.00	28.67 1.90 0.00	28.98 1.97 0.00	34.19 2.38 0.00	42.77 3.03 0.00	39.25 2.86 0.00	40.32 2.82 0.00	43.60 2.84 0.00	46.21 3.04 0.00	46.52 3.06 0.00	46.28 2.83 0.00	55.62 3.49 0.00	61.98 4.56 0.00	61.08 3.43 0.00	111.58 7.04 0.00	210.84 13.80 0.00	88.85 6.42 0.00	82.57 6.05 0.00	128.98 9.89 0.00	56.65 4.45 0.00	50.28 3.87 0.00	45.35 3.36 0.00
SOUTH HAMPTN___IC 23720	35.95 1.93 -0.60	30.03 1.87 -1.44	29.75 1.88 -0.37	40.15 1.79 -11.59	28.76 1.75 0.00	38.99 2.07 -5.12	42.47 2.73 0.00	49.71 2.79 -10.53	40.66 2.96 -0.19	43.58 2.82 0.00	46.10 2.94 0.00	45.81 2.38 0.03	46.05 2.59 0.00	55.06 2.94 0.00	60.52 3.11 0.00	60.81 3.16 0.00	110.66 6.69 0.56	214.24 17.21 0.00	89.59 7.17 0.00	82.38 5.87 0.00	241.86 10.75 -112.02	99.75 5.16 -42.39	73.96 4.64 -22.90	45.72 3.73 0.00
SOUTHDOW___115KV_TB1 355954	36.79 3.37 0.00	28.81 2.08 0.00	28.97 1.47 0.00	27.97 1.20 0.00	27.85 0.84 0.00	33.02 1.21 0.00	41.73 1.99 0.00	38.57 2.17 0.00	40.26 2.75 0.00	44.73 3.97 0.00	47.17 4.00 0.00	47.84 4.39 0.00	48.32 4.86 0.00	58.15 6.02 0.00	63.79 6.37 0.00	65.25 7.60 0.00	117.03 12.49 0.00	221.04 24.00 0.00	91.91 9.49 0.00	86.78 10.27 0.00	133.92 14.83 0.00	62.44 7.06 -3.19	61.11 7.34 -7.35	48.09 6.09 0.00
SOUTHOLD_69_KV_BK 2 55809	36.09 2.07 -0.60	30.11 1.95 -1.44	29.83 1.96 -0.36	40.22 1.86 -11.59	28.84 1.83 0.00	39.09 2.17 -5.12	42.73 2.99 0.00	50.06 3.13 -10.53	40.97 3.27 -0.19	43.19 2.44 0.00	45.72 2.55 0.00	45.44 2.01 0.03	45.70 2.25 0.00	54.59 2.46 0.00	59.86 2.44 0.00	60.24 2.60 0.00	109.66 5.69 0.56	212.51 15.47 0.00	88.74 6.31 0.00	81.45 4.94 0.00	240.26 8.93 -112.24	99.00 4.38 -42.41	74.26 4.94 -22.90	45.88 3.89 0.00
SOUTHOLD___IC 23719	36.09 2.07 -0.60	30.12 1.95 -1.44	29.83 1.96 -0.37	40.22 1.86 -11.59	28.84 1.83 0.00	39.09 2.17 -5.12	42.72 2.98 0.00	50.06 3.14 -10.53	40.97 3.26 -0.19	43.20 2.44 0.00	45.72 2.56 0.00	45.44 2.01 0.03	45.70 2.25 0.00	54.58 2.45 0.00	59.85 2.44 0.00	60.24 2.59 0.00	109.67 5.69 0.56	212.49 15.46 0.00	88.74 6.31 0.00	81.45 4.93 0.00	240.27 8.95 -112.24	99.00 4.39 -42.41	74.25 4.93 -22.90	45.88 3.89 0.00
SOUTH_FORK_WT_PWR 323839	35.63 1.61 -0.60	29.77 1.60 -1.44	29.47 1.60 -0.37	39.88 1.52 -11.59	28.50 1.48 0.00	38.69 1.77 -5.12	42.30 2.55 0.00	49.71 2.79 -10.53	40.69 2.99 -0.19	43.26 2.50 0.00	45.78 2.62 0.00	45.47 2.04 0.03	45.72 2.27 0.00	54.54 2.41 0.00	59.73 2.31 0.00	60.19 2.54 0.00	109.52 5.55 0.56	212.33 15.30 0.00	88.62 6.20 0.00	81.28 4.77 0.00	239.77 8.56 -112.12	98.77 4.17 -42.40	73.61 4.29 -22.90	45.30 3.30 0.00
SPIERFLS_115KV_TB 1 80737	35.96 2.54 0.00	28.54 1.82 0.00	29.49 1.98 0.00	28.64 1.86 0.00	29.00 1.98 0.00	34.50 2.43 -0.26	42.98 3.24 0.00	41.00 2.97 -1.64	40.37 2.84 -0.03	43.82 3.06 0.00	46.25 3.09 0.00	46.48 3.02 0.00	46.24 2.78 0.00	55.07 2.94 0.00	60.96 3.54 0.00	61.33 3.68 0.00	111.44 6.89 0.00	211.42 14.38 0.00	89.22 6.80 0.00	82.76 6.25 0.00	129.32 10.23 0.00	56.55 4.35 0.00	50.15 3.73 0.00	45.21 3.22 0.00
ST LAWRENCE____ 23600	32.54 -0.88 0.00	26.07 -0.66 0.00	26.82 -0.68 0.00	26.28 -0.50 0.00	26.49 -0.52 0.00	31.11 -0.70 0.00	38.85 -0.90 0.00	35.43 -0.97 0.00	36.63 -0.88 0.00	39.63 -1.13 0.00	42.06 -1.10 0.00	42.34 -1.12 0.00	42.25 -1.21 0.00	50.90 -1.23 0.00	56.06 -1.36 0.00	56.29 -1.36 0.00	101.34 -3.21 0.00	190.94 -6.10 0.00	79.84 -2.59 0.00	73.90 -2.62 0.00	115.70 -3.39 0.00	50.25 -1.95 0.00	44.57 -1.85 0.00	40.64 -1.36 0.00
STATE_CA_115KV_115_LB 55624	34.39 0.97 0.00	27.49 0.76 0.00	28.37 0.86 0.00	27.55 0.78 0.00	27.83 0.82 0.00	33.02 0.94 -0.27	40.97 1.23 0.00	39.28 1.19 -1.70	38.59 1.05 -0.03	41.96 1.20 0.00	44.55 1.39 0.00	44.79 1.33 0.00	44.72 1.27 0.00	53.48 1.35 0.00	59.08 1.67 0.00	58.98 1.33 0.00	107.45 2.91 0.00	202.53 5.49 0.00	84.65 2.23 0.00	78.57 2.06 0.00	122.06 2.97 0.00	53.70 1.50 0.00	47.77 1.35 0.00	43.19 1.20 0.00
STATE_ST_34_KV_LOAD 55959	34.43 0.99 -0.02	27.35 0.62 0.00	28.00 0.49 0.00	27.16 0.39 0.00	27.29 0.28 0.00	32.22 0.41 0.00	40.48 0.64 -0.10	38.15 0.64 -1.11	39.57 0.71 -1.35	43.10 1.03 -1.32	44.63 0.96 -0.51	45.03 1.01 -0.57	45.26 1.23 -0.58	55.51 1.46 -1.93	61.61 1.47 -2.73	61.98 1.55 -2.78	112.37 3.13 -4.70	208.77 6.12 -5.62	90.21 3.01 -4.78	85.68 3.55 -5.61	129.56 4.88 -5.59	57.73 2.46 -3.07	49.39 2.34 -0.64	43.97 1.74 -0.24

STATION 5_MISC_HYD 23604	34.86 1.43 0.00	27.49 0.77 0.00	27.81 0.30 0.00	26.90 0.13 0.00	27.10 0.09 0.00	32.04 0.24 0.00	40.11 0.36 0.00	36.68 0.29 0.00	38.01 0.50 0.00	41.97 1.21 0.00	44.50 1.34 0.00	45.24 1.78 0.00	45.53 2.08 0.00	54.40 2.27 0.00	59.87 2.45 0.00	61.04 3.39 0.00	109.80 5.26 0.00	207.31 10.28 0.00	86.35 3.93 0.00	81.09 4.58 0.00	126.10 7.01 0.00	54.10 3.71 1.81	46.40 4.14 4.16	45.15 3.15 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.88 1.46 0.00	27.56 0.83 0.00	27.98 0.47 0.00	27.10 0.33 0.00	27.30 0.29 0.00	32.27 0.46 0.00	40.48 0.71 -0.03	37.38 0.70 -0.28	38.75 0.90 -0.34	42.62 1.53 -0.34	44.97 1.68 -0.13	45.61 2.01 -0.14	45.87 2.27 -0.15	55.17 2.55 -0.49	60.90 2.79 -0.69	61.84 3.49 -0.70	111.52 5.79 -1.19	209.61 11.15 -1.42	88.29 4.65 -1.21	83.12 5.18 -1.42	128.09 7.58 -1.42	55.74 3.82 0.28	50.49 3.94 -0.13	45.03 2.98 -0.06
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.62 1.20 0.00	27.31 0.59 0.00	27.65 0.14 0.00	26.75 -0.02 0.00	26.96 -0.06 0.00	31.86 0.06 0.00	39.90 0.15 0.00	36.51 0.12 0.00	37.85 0.34 0.00	41.77 1.01 0.00	44.32 1.15 0.00	45.05 1.59 0.00	45.31 1.86 0.00	54.13 2.00 0.00	59.62 2.21 0.00	60.77 3.12 0.00	109.42 4.88 0.00	206.54 9.50 0.00	86.07 3.65 0.00	80.73 4.22 0.00	125.48 6.39 0.00	53.89 3.39 1.70	46.51 3.77 3.68	44.83 2.84 0.00
STA_56____34_KV_BUS2 355983	34.62 1.20 0.00	27.31 0.59 0.00	27.65 0.14 0.00	26.75 -0.02 0.00	26.96 -0.06 0.00	31.86 0.06 0.00	39.90 0.15 0.00	36.51 0.12 0.00	37.85 0.34 0.00	41.77 1.01 0.00	44.32 1.15 0.00	45.05 1.59 0.00	45.31 1.86 0.00	54.13 2.00 0.00	59.62 2.21 0.00	60.77 3.12 0.00	109.42 4.88 0.00	206.54 9.50 0.00	86.07 3.65 0.00	80.73 4.22 0.00	125.48 6.39 0.00	53.89 3.39 1.70	46.51 3.77 3.68	44.83 2.84 0.00
STA_67____115KV_BK2 355882	34.76 1.34 0.00	27.41 0.69 0.00	27.73 0.22 0.00	26.83 0.06 0.00	27.03 0.02 0.00	31.95 0.15 0.00	39.99 0.24 0.00	36.56 0.17 0.00	37.89 0.39 0.00	41.82 1.06 0.00	44.36 1.19 0.00	45.09 1.63 0.00	45.36 1.91 0.00	54.20 2.07 0.00	59.65 2.23 0.00	60.80 3.15 0.00	109.40 4.86 0.00	206.50 9.47 0.00	86.02 3.59 0.00	80.76 4.25 0.00	125.64 6.56 0.00	53.95 3.51 1.76	46.32 3.96 4.05	45.00 3.01 0.00
STA_7____115KV_9TRANS 80674	35.10 1.68 0.00	27.67 0.94 0.00	27.97 0.47 0.00	27.07 0.30 0.00	27.27 0.26 0.00	32.24 0.43 0.00	40.36 0.62 0.00	37.06 0.67 0.00	38.44 0.93 0.00	42.47 1.71 0.00	44.96 1.80 0.00	45.58 2.13 0.00	45.90 2.45 0.00	54.86 2.73 0.00	60.38 2.96 0.00	61.58 3.93 0.00	110.80 6.26 0.00	209.25 12.21 0.00	87.21 4.78 0.00	81.87 5.36 0.00	127.26 8.17 0.00	54.61 4.21 1.81	46.82 4.56 4.16	45.50 3.51 0.00
STA_82____115KV_TB1 80780	34.78 1.36 0.00	27.42 0.70 0.00	27.74 0.23 0.00	26.85 0.08 0.00	27.04 0.03 0.00	31.96 0.15 0.00	40.01 0.27 0.00	36.59 0.20 0.00	37.91 0.40 0.00	41.85 1.09 0.00	44.38 1.22 0.00	45.11 1.65 0.00	45.39 1.94 0.00	54.22 2.09 0.00	59.68 2.27 0.00	60.84 3.20 0.00	109.45 4.91 0.00	206.58 9.54 0.00	86.07 3.65 0.00	80.80 4.28 0.00	125.73 6.64 0.00	53.72 3.54 2.03	45.74 3.99 4.67	45.03 3.04 0.00
STEEL____WIND 323596	35.30 1.88 0.00	27.67 0.94 0.00	27.76 0.25 0.00	26.81 0.04 0.00	26.97 -0.05 0.00	31.91 0.10 0.00	39.93 0.18 0.00	36.42 0.03 0.00	37.87 0.36 0.00	42.01 1.26 0.00	44.54 1.37 0.00	45.39 1.94 0.00	45.75 2.29 0.00	54.62 2.49 0.00	60.06 2.65 0.00	61.61 3.97 0.00	110.19 5.65 0.00	208.42 11.39 0.00	86.38 3.95 0.00	81.59 5.07 0.00	126.98 7.89 0.00	60.30 4.40 -3.70	60.29 5.32 -8.55	46.18 4.19 0.00
STEPHTWN_115KV_BK_2 55603	34.58 1.16 0.00	27.65 0.92 0.00	28.49 0.98 0.00	27.64 0.86 0.00	27.90 0.88 0.00	33.22 1.14 -0.27	41.25 1.51 0.00	39.49 1.37 -1.73	38.80 1.26 -0.03	42.27 1.51 0.00	44.79 1.63 0.00	45.06 1.60 0.00	45.01 1.55 0.00	53.82 1.69 0.00	59.44 2.03 0.00	59.13 1.48 0.00	108.00 3.46 0.00	203.93 6.89 0.00	85.43 3.01 0.00	79.27 2.75 0.00	123.07 3.98 0.00	54.02 1.82 0.00	48.02 1.60 0.00	43.38 1.39 0.00
STEUBEN_REC_LFGE 323667	35.25 1.82 -0.01	27.78 1.05 0.00	28.16 0.65 0.00	27.31 0.53 0.00	27.41 0.39 0.00	32.58 0.76 0.00	40.77 1.00 -0.03	37.47 0.72 -0.36	38.72 0.77 -0.44	42.41 1.20 -0.45	44.58 1.24 -0.18	45.21 1.56 -0.18	45.06 1.42 -0.19	53.91 1.15 -0.63	59.41 1.11 -0.89	60.49 1.93 -0.91	109.75 3.68 -1.53	205.68 6.81 -1.83	86.92 2.93 -1.56	83.47 5.13 -1.83	129.16 8.25 -1.82	58.35 4.00 -2.15	51.24 4.58 -0.23	45.23 3.15 -0.08
STILLWATER____SOLAR 323814	35.75 2.33 0.00	28.43 1.70 0.00	29.35 1.84 0.00	28.49 1.72 0.00	28.83 1.82 0.00	34.28 2.20 -0.27	42.63 2.88 0.00	40.73 2.65 -1.69	40.05 2.51 -0.03	43.46 2.70 0.00	46.05 2.89 0.00	46.29 2.83 0.00	46.11 2.66 0.00	55.13 3.00 0.00	60.97 3.56 0.00	61.11 3.46 0.00	111.30 6.75 0.00	210.02 12.98 0.00	88.40 5.98 0.00	82.12 5.60 0.00	127.91 8.82 0.00	56.07 3.87 0.00	49.80 3.38 0.00	44.94 2.95 0.00
STONY____BROOK 24151	36.10 2.08 -0.60	30.15 1.98 -1.44	29.86 1.99 -0.37	40.27 1.91 -11.59	28.88 1.87 0.00	39.13 2.21 -5.12	42.54 2.80 0.00	49.87 2.95 -10.53	40.75 3.05 -0.19	43.67 2.91 0.00	46.05 2.89 0.00	45.80 2.37 0.03	46.10 2.65 0.00	55.01 2.88 0.00	60.45 3.04 0.00	60.71 3.06 0.00	110.33 6.37 0.58	212.93 15.89 0.00	88.94 6.51 0.00	81.90 5.39 0.00	304.33 8.63 -176.62	106.29 4.29 -49.80	73.68 3.78 -23.48	45.16 3.17 0.00
STURGEON_POOL_HYD 23609	35.05 1.62 0.00	27.96 1.23 0.00	28.75 1.25 0.00	27.90 1.13 0.00	28.11 1.10 0.00	33.10 1.29 0.00	41.47 1.73 0.00	38.38 1.99 0.00	39.58 2.07 0.00	43.10 2.34 0.00	45.58 2.42 0.00	45.81 2.35 0.00	45.85 2.40 0.00	54.87 2.74 0.00	60.46 3.04 0.00	60.64 3.00 0.00	110.96 6.42 0.00	209.18 12.14 0.00	87.28 4.86 0.00	80.62 4.10 0.00	124.51 5.42 0.00	55.03 2.83 0.00	48.77 2.35 0.00	43.92 1.93 0.00
ST_LAW_115_BK7_LBMP 345037	32.47 -0.95 0.00	26.02 -0.71 0.00	26.77 -0.73 0.00	26.24 -0.54 0.00	26.45 -0.56 0.00	31.06 -0.74 0.00	38.78 -0.96 0.00	35.36 -1.04 0.00	36.56 -0.95 0.00	39.55 -1.21 0.00	41.98 -1.18 0.00	42.24 -1.22 0.00	42.14 -1.32 0.00	50.78 -1.35 0.00	55.94 -1.48 0.00	56.17 -1.48 0.00	101.08 -3.46 0.00	190.39 -6.65 0.00	79.61 -2.81 0.00	73.69 -2.83 0.00	115.44 -3.64 0.00	50.10 -2.10 0.00	44.42 -2.00 0.00	40.54 -1.45 0.00
ST_LAW_115_BK8_LBMP 345038	32.47 -0.95 0.00	26.02 -0.71 0.00	26.77 -0.73 0.00	26.24 -0.54 0.00	26.45 -0.56 0.00	31.06 -0.74 0.00	38.78 -0.96 0.00	35.36 -1.04 0.00	36.56 -0.95 0.00	39.55 -1.21 0.00	41.98 -1.18 0.00	42.24 -1.22 0.00	42.14 -1.32 0.00	50.78 -1.35 0.00	55.94 -1.48 0.00	56.17 -1.48 0.00	101.08 -3.46 0.00	190.39 -6.65 0.00	79.61 -2.81 0.00	73.69 -2.83 0.00	115.44 -3.64 0.00	50.10 -2.10 0.00	44.42 -2.00 0.00	40.54 -1.45 0.00

ST_LAW_230_BK5_LBMP 345035	32.54 -0.88 0.00	26.07 -0.66 0.00	26.82 -0.68 0.00	26.28 -0.50 0.00	26.49 -0.52 0.00	31.11 -0.70 0.00	38.85 -0.90 0.00	35.43 -0.97 0.00	36.63 -0.88 0.00	39.63 -1.13 0.00	42.06 -1.10 0.00	42.34 -1.12 0.00	42.25 -1.21 0.00	50.90 -1.23 0.00	56.06 -1.36 0.00	56.29 -1.36 0.00	101.34 -3.21 0.00	190.94 -6.10 0.00	79.84 -2.59 0.00	73.90 -2.62 0.00	115.70 -3.39 0.00	50.25 -1.95 0.00	44.57 -1.85 0.00	40.64 -1.36 0.00
ST_LAW_230_BK6_LBMP 345036	32.54 -0.88 0.00	26.07 -0.66 0.00	26.82 -0.68 0.00	26.28 -0.50 0.00	26.49 -0.52 0.00	31.11 -0.70 0.00	38.85 -0.90 0.00	35.43 -0.97 0.00	36.63 -0.88 0.00	39.63 -1.13 0.00	42.06 -1.10 0.00	42.34 -1.12 0.00	42.25 -1.21 0.00	50.90 -1.23 0.00	56.06 -1.36 0.00	56.29 -1.36 0.00	101.34 -3.21 0.00	190.94 -6.10 0.00	79.84 -2.59 0.00	73.90 -2.62 0.00	115.70 -3.39 0.00	50.25 -1.95 0.00	44.57 -1.85 0.00	40.64 -1.36 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.98 1.55 0.00	27.88 1.16 0.00	28.68 1.17 0.00	27.83 1.06 0.00	28.05 1.04 0.00	31.30 1.21 1.71	41.36 1.62 0.00	27.44 1.82 10.77	39.17 1.86 0.20	42.86 2.10 0.00	45.30 2.13 0.00	45.56 2.10 0.00	45.61 2.16 0.00	54.59 2.46 0.00	60.18 2.76 0.00	60.47 2.83 0.00	110.49 5.95 0.00	208.10 11.06 0.00	86.88 4.45 0.00	80.36 3.85 0.00	124.19 5.10 0.00	54.86 2.66 0.00	48.59 2.18 0.00	43.78 1.78 0.00
SWANROAD_115KV_TB1 355699	34.34 0.92 0.00	26.93 0.21 0.00	26.97 -0.54 0.00	26.03 -0.74 0.00	26.19 -0.82 0.00	30.96 -0.84 0.00	38.65 -1.10 0.00	35.10 -1.30 0.00	36.49 -1.02 0.00	40.52 -0.24 0.00	43.02 -0.14 0.00	43.95 0.49 0.00	44.29 0.84 0.00	52.78 0.65 0.00	57.95 0.54 0.00	59.63 1.98 0.00	106.34 1.80 0.00	200.77 3.74 0.00	83.17 0.74 0.00	78.52 2.01 0.00	122.44 3.35 0.00	60.38 2.57 -5.61	63.42 3.92 -13.08	45.09 3.10 0.00
SYNERGY___BIOGAS 323694	35.94 2.51 0.00	28.16 1.43 0.00	28.28 0.77 0.00	27.30 0.53 0.00	27.48 0.47 0.00	32.53 0.72 0.00	40.75 1.01 0.00	37.27 0.88 0.00	38.76 1.26 0.00	42.98 2.22 0.00	45.58 2.42 0.00	46.32 2.86 0.00	46.74 3.28 0.00	55.87 3.74 0.00	61.34 3.92 0.00	62.87 5.22 0.00	112.62 8.08 0.00	213.15 16.11 0.00	88.69 6.27 0.00	607.88 7.32 -524.04	1390.74 11.49 -1260.17	691.11 5.92 -632.99	187.84 6.44 -134.97	47.06 5.07 0.00
SYRACUSE___ENERGY_ST1 323597	33.92 0.47 -0.02	26.97 0.24 0.00	27.64 0.13 0.00	26.83 0.06 0.00	27.04 0.03 0.00	31.93 0.13 0.00	40.12 0.26 -0.12	38.03 0.31 -1.32	39.48 0.36 -1.62	42.89 0.56 -1.57	44.31 0.53 -0.61	44.76 0.63 -0.67	44.90 0.76 -0.69	55.28 0.85 -2.30	61.52 0.85 -3.25	61.99 1.02 -3.32	112.05 1.90 -5.61	207.45 3.70 -6.71	89.84 1.71 -5.70	85.19 1.98 -6.70	128.54 2.77 -6.68	57.27 1.41 -3.67	48.51 1.31 -0.78	43.16 0.88 -0.29
SYRACUSE___ENERGY_ST2 323598	33.92 0.47 -0.02	26.97 0.24 0.00	27.64 0.13 0.00	26.83 0.06 0.00	27.04 0.03 0.00	31.93 0.13 0.00	40.12 0.26 -0.12	38.03 0.31 -1.32	39.48 0.36 -1.62	42.89 0.56 -1.57	44.31 0.53 -0.61	44.76 0.63 -0.67	44.90 0.76 -0.69	55.28 0.85 -2.30	61.52 0.85 -3.25	61.99 1.02 -3.32	112.05 1.90 -5.61	207.45 3.70 -6.71	89.84 1.71 -5.70	85.19 1.98 -6.70	128.54 2.77 -6.68	57.27 1.41 -3.67	48.51 1.31 -0.78	43.16 0.88 -0.29
SYRACUSE___POWER 24017	33.93 0.49 -0.01	26.98 0.25 0.00	27.65 0.14 0.00	26.84 0.06 0.00	27.06 0.05 0.00	31.95 0.14 0.00	40.10 0.28 -0.08	37.61 0.34 -0.87	38.97 0.40 -1.06	42.45 0.66 -1.03	44.19 0.63 -0.40	44.58 0.68 -0.44	44.73 0.82 -0.45	54.55 0.91 -1.51	60.49 0.94 -2.14	60.94 1.11 -2.18	110.28 2.06 -3.68	205.48 4.03 -4.41	87.97 1.80 -3.75	82.98 2.06 -4.40	126.43 2.95 -4.39	56.08 1.48 -2.41	48.31 1.37 -0.51	43.10 0.92 -0.19
TALLMAN___138KV_BK151 55660	35.07 1.65 0.00	27.96 1.23 0.00	28.75 1.24 0.00	27.90 1.13 0.00	28.10 1.08 0.00	30.74 1.26 2.33	41.44 1.69 0.00	23.70 1.91 14.60	39.22 1.98 0.27	42.98 2.22 0.00	45.40 2.23 0.00	45.66 2.20 0.00	45.75 2.30 0.00	54.78 2.65 0.00	60.43 3.01 0.00	60.75 3.10 0.00	111.13 6.59 0.00	209.17 12.13 0.00	87.20 4.78 0.00	80.67 4.15 0.00	124.55 5.47 0.00	55.04 2.84 0.00	48.69 2.27 0.00	43.84 1.85 0.00
TEALLAVE_115KV_TB7 355573	33.75 0.32 -0.01	26.83 0.11 0.00	27.50 -0.01 0.00	26.69 -0.08 0.00	26.93 -0.09 0.00	31.79 -0.02 0.00	39.86 0.06 -0.06	37.25 0.14 -0.72	38.58 0.19 -0.88	42.04 0.43 -0.86	43.88 0.38 -0.33	44.30 0.48 -0.37	44.45 0.62 -0.37	54.03 0.66 -1.25	59.86 0.67 -1.77	60.30 0.85 -1.80	109.11 1.52 -3.05	203.70 3.01 -3.65	86.84 1.32 -3.10	81.75 1.59 -3.64	124.95 2.23 -3.63	55.35 1.16 -1.99	47.96 1.12 -0.42	42.85 0.70 -0.16
TELGRAPH_34_KV_EAST 80808	35.08 1.66 0.00	27.51 0.78 0.00	27.59 0.08 0.00	26.63 -0.14 0.00	26.80 -0.21 0.00	31.71 -0.10 0.00	39.64 0.00 0.00	36.13 -0.26 0.00	37.63 0.12 0.00	41.75 0.99 0.00	44.32 1.15 0.00	45.21 1.75 0.00	45.58 2.12 0.00	54.34 2.21 0.00	59.70 2.28 0.00	61.33 3.68 0.00	109.63 5.09 0.00	207.24 10.20 0.00	85.88 3.46 0.00	81.05 4.54 0.00	126.27 7.19 0.00	65.93 4.15 -9.58	78.08 5.11 -26.55	46.03 4.03 0.00
TEMPLE___115KV_TB 2 55572	33.77 0.34 -0.01	26.86 0.13 0.00	27.51 0.01 0.00	26.71 -0.06 0.00	26.95 -0.07 0.00	31.80 -0.01 0.00	39.88 0.07 -0.06	37.27 0.16 -0.71	38.60 0.22 -0.88	42.08 0.47 -0.85	43.91 0.42 -0.33	44.35 0.52 -0.36	44.49 0.66 -0.37	54.08 0.71 -1.24	59.91 0.73 -1.76	60.35 0.91 -1.80	109.23 1.65 -3.04	203.88 3.21 -3.64	86.91 1.40 -3.09	81.80 1.66 -3.63	125.03 2.32 -3.62	55.39 1.20 -1.99	48.00 1.16 -0.42	42.88 0.74 -0.15
TIANA___69_KV_BK 1 55817	35.96 1.94 -0.60	30.03 1.86 -1.44	29.75 1.88 -0.36	40.15 1.79 -11.59	28.76 1.75 0.00	39.00 2.07 -5.12	42.45 2.71 0.00	49.66 2.74 -10.53	40.59 2.89 -0.19	43.53 2.78 0.00	46.04 2.87 0.00	45.74 2.31 0.03	45.97 2.52 0.00	55.01 2.88 0.00	60.49 3.07 0.00	60.76 3.11 0.00	110.58 6.60 0.56	214.02 16.98 0.00	89.56 7.14 0.00	82.37 5.85 0.00	242.06 10.77 -112.20	99.79 5.18 -42.40	73.94 4.62 -22.90	45.72 3.72 0.00
TILDEN___115KV_TB1 80814	33.93 0.49 -0.01	26.98 0.25 0.00	27.65 0.14 0.00	26.84 0.06 0.00	27.06 0.05 0.00	31.95 0.14 0.00	40.10 0.28 -0.08	37.61 0.34 -0.87	38.97 0.40 -1.06	42.45 0.66 -1.03	44.19 0.63 -0.40	44.58 0.68 -0.44	44.73 0.82 -0.45	54.55 0.91 -1.51	60.49 0.94 -2.14	60.94 1.11 -2.18	110.28 2.06 -3.68	205.48 4.03 -4.41	87.97 1.80 -3.75	82.98 2.06 -4.40	126.43 2.95 -4.39	56.08 1.48 -2.41	48.31 1.37 -0.51	43.10 0.92 -0.19
TRIGEN___CC 323695	36.19 2.17 -0.60	29.98 1.81 -1.44	29.69 1.82 -0.36	40.06 1.71 -11.59	28.68 1.67 0.00	38.91 1.99 -5.12	42.33 2.59 0.00	49.68 2.76 -10.53	40.54 2.84 -0.19	43.63 2.87 0.00	45.95 2.78 0.00	45.97 2.52 0.01	46.14 2.69 0.00	55.21 3.08 0.00	60.92 3.51 0.00	61.11 3.47 0.00	110.85 7.28 0.97	212.25 15.22 0.00	88.50 6.08 0.00	81.56 5.04 0.00	129.01 7.35 -2.57	86.51 3.82 -30.49	80.82 3.28 -31.12	44.74 2.75 0.00

TRINITY__115KV__4 BK 55933	34.17 0.75 0.00	27.32 0.59 0.00	28.21 0.70 0.00	27.40 0.63 0.00	27.67 0.66 0.00	32.84 0.75 -0.27	40.72 0.98 0.00	39.06 0.95 -1.72	38.33 0.79 -0.03	41.67 0.91 0.00	44.21 1.05 0.00	44.45 0.99 0.00	44.36 0.90 0.00	53.05 0.93 0.00	58.57 1.15 0.00	58.49 0.84 0.00	106.62 2.08 0.00	200.85 3.82 0.00	84.03 1.61 0.00	77.97 1.45 0.00	121.15 2.06 0.00	53.32 1.12 0.00	47.45 1.03 0.00	42.92 0.93 0.00
UNION__PROCESSING_DRP 323587	34.78 1.36 0.00	27.44 0.71 0.00	27.75 0.24 0.00	26.85 0.08 0.00	27.05 0.04 0.00	31.97 0.17 0.00	40.02 0.28 0.00	36.60 0.21 0.00	37.93 0.42 0.00	41.86 1.10 0.00	44.40 1.24 0.00	45.13 1.67 0.00	45.40 1.95 0.00	54.24 2.11 0.00	59.71 2.29 0.00	60.87 3.22 0.00	109.50 4.96 0.00	206.70 9.66 0.00	86.10 3.68 0.00	80.86 4.34 0.00	125.79 6.70 0.00	53.62 3.57 2.15	45.47 4.01 4.96	45.05 3.06 0.00
UPPER HUDSON__HYD 24058	35.96 2.54 0.00	28.54 1.82 0.00	29.49 1.98 0.00	28.63 1.86 0.00	29.00 1.98 0.00	34.50 2.43 -0.26	42.98 3.24 0.00	41.00 2.97 -1.64	40.37 2.84 -0.03	43.82 3.07 0.00	46.25 3.09 0.00	46.48 3.02 0.00	46.23 2.78 0.00	55.07 2.94 0.00	60.96 3.54 0.00	61.33 3.68 0.00	111.44 6.90 0.00	211.40 14.36 0.00	89.22 6.80 0.00	82.76 6.24 0.00	129.32 10.23 0.00	56.54 4.34 0.00	50.16 3.74 0.00	45.22 3.22 0.00
UPPER RAQUET__HYD 24056	32.22 -1.20 0.00	25.70 -1.02 0.00	26.46 -1.05 0.00	25.91 -0.86 0.00	26.18 -0.84 0.00	30.75 -1.05 0.00	38.52 -1.25 -0.02	35.44 -1.18 -0.23	36.76 -1.03 -0.28	39.77 -1.26 -0.27	42.01 -1.26 -0.11	42.05 -1.52 -0.12	41.84 -1.73 -0.12	50.67 -1.85 -0.40	55.82 -2.16 -0.56	55.98 -2.24 -0.57	100.44 -5.07 -0.97	188.46 -9.74 -1.16	79.78 -3.63 -0.99	74.25 -3.42 -1.16	116.22 -4.01 -1.15	50.38 -2.45 -0.63	44.03 -2.52 -0.13	40.11 -1.93 -0.05
VALLEY44_115KV_TB2 355964	35.33 1.90 0.00	27.66 0.93 0.00	27.81 0.31 0.00	26.90 0.13 0.00	27.08 0.07 0.00	32.12 0.31 0.00	40.37 0.63 0.00	37.05 0.66 0.00	38.48 0.98 0.00	42.60 1.84 0.00	44.53 1.37 0.00	45.19 1.73 0.00	45.39 1.94 0.00	54.23 2.10 0.00	59.60 2.18 0.00	60.87 3.22 0.00	109.62 5.08 0.00	206.91 9.87 0.00	85.95 3.52 0.00	81.15 4.64 0.00	125.70 6.61 0.00	58.82 3.63 -3.00	57.89 4.54 -6.92	45.73 3.74 0.00
VALLEY__115KV_TB 1-4 80826	34.08 0.65 0.00	27.23 0.50 0.00	28.08 0.57 0.00	27.29 0.51 0.00	27.58 0.56 0.00	32.53 0.71 0.00	40.71 0.96 0.00	37.44 1.05 0.00	38.40 0.90 0.00	41.89 1.13 0.00	44.40 1.23 0.00	44.57 1.11 0.00	44.42 0.97 0.00	53.25 1.11 0.00	58.83 1.41 0.00	58.31 0.66 0.00	106.57 2.03 0.00	200.01 2.97 0.00	84.03 1.60 0.00	78.32 1.81 0.00	121.76 2.67 0.00	53.60 1.40 0.00	47.76 1.34 0.00	43.09 1.10 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.04 1.61 0.00	28.01 1.28 0.00	28.78 1.27 0.00	27.98 1.21 0.00	28.21 1.20 0.00	33.25 1.44 0.00	41.59 1.82 -0.02	38.48 1.86 -0.23	39.63 1.84 -0.28	43.23 2.20 -0.27	45.54 2.28 -0.10	45.85 2.27 -0.11	45.93 2.36 -0.12	55.18 2.65 -0.39	60.82 2.85 -0.56	61.03 2.81 -0.57	110.94 5.44 -0.96	208.31 10.12 -1.15	87.70 4.30 -0.98	81.81 4.15 -1.15	126.16 5.93 -1.15	55.81 2.99 -0.63	49.20 2.65 -0.13	44.20 2.16 -0.05
VISCHER__FERRY HYD 24020	34.91 1.48 0.00	27.82 1.10 0.00	28.74 1.24 0.00	27.92 1.15 0.00	28.24 1.23 0.00	33.53 1.44 -0.28	41.63 1.89 0.00	39.89 1.72 -1.78	39.08 1.54 -0.03	42.47 1.72 0.00	45.07 1.91 0.00	45.27 1.81 0.00	45.09 1.64 0.00	53.92 1.79 0.00	59.53 2.11 0.00	59.45 1.81 0.00	108.64 4.10 0.00	204.70 7.66 0.00	85.89 3.47 0.00	79.78 3.26 0.00	124.11 5.02 0.00	54.51 2.31 0.00	48.53 2.11 0.00	43.88 1.89 0.00
V_A_10_SYNC_DSASP 323832	34.48 1.06 0.00	27.12 0.39 0.00	27.28 -0.23 0.00	26.36 -0.41 0.00	26.55 -0.47 0.00	31.38 -0.43 0.00	39.24 -0.51 0.00	35.77 -0.62 0.00	37.12 -0.39 0.00	41.10 0.34 0.00	43.57 0.40 0.00	44.41 0.95 0.00	44.71 1.25 0.00	53.30 1.17 0.00	58.59 1.17 0.00	59.97 2.33 0.00	107.46 2.92 0.00	202.85 5.81 0.00	84.18 1.75 0.00	79.30 2.79 0.00	123.43 4.34 0.00	56.33 2.82 -1.32	53.61 3.87 -3.32	44.94 2.95 0.00
V_CMM_10_SYNC_DSASP 323787	32.63 -0.79 0.00	26.14 -0.58 0.00	26.90 -0.61 0.00	26.37 -0.40 0.00	26.58 -0.43 0.00	31.22 -0.59 0.00	38.97 -0.77 0.00	35.54 -0.86 0.00	36.74 -0.77 0.00	39.75 -1.01 0.00	42.20 -0.97 0.00	42.46 -1.00 0.00	42.37 -1.08 0.00	51.05 -1.08 0.00	56.23 -1.18 0.00	56.49 -1.16 0.00	101.61 -2.93 0.00	191.44 -5.60 0.00	80.03 -2.39 0.00	74.07 -2.44 0.00	116.04 -3.05 0.00	50.37 -1.83 0.00	44.69 -1.74 0.00	40.76 -1.23 0.00
V_CMP_10_SYNC_DSASP 323788	33.42 0.00 0.00	26.74 0.01 0.00	27.41 -0.10 0.00	26.70 -0.07 0.00	26.79 -0.22 0.00	31.18 -0.63 0.00	39.28 -0.47 0.00	35.93 -0.47 0.00	37.22 -0.28 0.00	40.78 0.03 0.00	43.56 0.40 0.00	43.47 0.01 0.00	43.13 -0.32 0.00	52.07 -0.06 0.00	57.02 -0.40 0.00	56.91 -0.74 0.00	102.13 -2.41 0.00	195.01 -2.02 0.00	81.43 -1.00 0.00	74.59 -1.92 0.00	116.69 -2.40 0.00	50.89 -1.32 0.00	45.04 -1.38 0.00	41.04 -0.95 0.00
V_D_10_SYNC_DSASP 323841	32.81 -0.61 0.00	26.26 -0.47 0.00	27.01 -0.50 0.00	26.48 -0.29 0.00	26.70 -0.32 0.00	31.35 -0.46 0.00	39.16 -0.58 0.00	35.73 -0.67 0.00	36.95 -0.56 0.00	39.98 -0.78 0.00	42.43 -0.74 0.00	42.61 -0.85 0.00	42.48 -0.97 0.00	51.18 -0.95 0.00	56.38 -1.03 0.00	56.65 -1.00 0.00	101.78 -2.76 0.00	191.35 -5.68 0.00	80.18 -2.25 0.00	74.21 -2.30 0.00	116.39 -2.70 0.00	50.49 -1.71 0.00	44.76 -1.66 0.00	40.95 -1.04 0.00
V_E_10_SYNC_DSASP 323830	36.06 2.63 -0.01	28.69 1.96 0.00	29.38 1.88 0.00	28.80 2.02 0.00	28.92 1.91 0.00	34.27 2.46 0.00	43.28 3.49 -0.05	40.52 3.60 -0.53	42.06 3.91 -0.64	46.18 4.80 -0.63	48.31 4.90 -0.24	48.21 4.49 -0.27	48.68 4.95 -0.27	58.36 5.32 -0.92	63.78 5.07 -1.29	63.87 4.91 -1.32	116.28 9.50 -2.23	217.16 17.46 -2.67	92.94 8.25 -2.27	88.58 9.40 -2.66	135.84 14.10 -2.66	60.07 6.41 -1.46	52.42 5.69 -0.31	46.62 4.51 -0.11
V_F_30_NSYNC__DSASP 323816	35.84 2.41 0.00	28.49 1.77 0.00	29.41 1.90 0.00	28.55 1.77 0.00	28.88 1.87 0.00	34.35 2.27 -0.27	42.72 2.97 0.00	40.82 2.75 -1.68	40.16 2.63 -0.03	43.61 2.85 0.00	46.20 3.04 0.00	46.46 3.00 0.00	46.31 2.86 0.00	55.32 3.19 0.00	61.19 3.78 0.00	61.31 3.66 0.00	111.58 7.04 0.00	210.73 13.70 0.00	88.68 6.26 0.00	82.37 5.86 0.00	128.31 9.22 0.00	56.24 4.04 0.00	49.93 3.51 0.00	45.04 3.05 0.00
V_F_30_SYNC_DSASP 323786	34.38 0.96 0.00	27.48 0.76 0.00	28.37 0.86 0.00	27.55 0.78 0.00	27.82 0.81 0.00	33.02 0.94 -0.27	40.96 1.22 0.00	39.28 1.18 -1.70	38.58 1.04 -0.03	41.95 1.19 0.00	44.55 1.38 0.00	44.79 1.33 0.00	44.72 1.26 0.00	53.48 1.35 0.00	59.07 1.66 0.00	58.97 1.32 0.00	107.44 2.89 0.00	202.49 5.45 0.00	84.65 2.23 0.00	78.56 2.05 0.00	122.05 2.96 0.00	53.70 1.50 0.00	47.77 1.35 0.00	43.18 1.19 0.00

V_XM10_SYNC_DSASP 323789	33.42 0.00 0.00	26.74 0.01 0.00	27.41 -0.10 0.00	26.70 -0.07 0.00	26.79 -0.22 0.00	31.18 -0.63 0.00	39.28 -0.47 0.00	35.93 -0.47 0.00	37.22 -0.28 0.00	40.78 0.03 0.00	43.56 0.40 0.00	43.47 0.01 0.00	43.13 -0.32 0.00	52.07 -0.06 0.00	57.02 -0.40 0.00	56.91 -0.74 0.00	102.13 -2.41 0.00	195.01 -2.02 0.00	81.43 -1.00 0.00	74.59 -1.92 0.00	116.69 -2.40 0.00	50.89 -1.32 0.00	45.04 -1.38 0.00	41.04 -0.95 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.16 1.74 0.00	28.04 1.31 0.00	28.84 1.33 0.00	27.98 1.21 0.00	28.19 1.18 0.00	30.69 1.36 2.48	41.55 1.81 0.00	22.83 2.02 15.58	39.32 2.10 0.29	43.12 2.37 0.00	45.55 2.39 0.00	45.82 2.36 0.00	45.91 2.46 0.00	54.97 2.84 0.00	60.64 3.23 0.00	60.97 3.32 0.00	111.48 6.94 0.00	209.88 12.85 0.00	87.50 5.08 0.00	80.93 4.42 0.00	124.99 5.90 0.00	55.22 3.02 0.00	48.85 2.43 0.00	43.97 1.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.48 2.06 0.00	28.28 1.55 0.00	29.05 1.54 0.00	28.17 1.40 0.00	28.37 1.36 0.00	35.10 1.63 -1.66	41.93 2.19 0.00	49.32 2.49 -10.44	40.30 2.60 -0.19	43.61 2.85 0.00	46.07 2.91 0.00	46.33 2.87 0.00	46.49 3.04 0.00	55.51 3.38 0.00	61.25 3.83 0.00	61.38 3.73 0.00	112.24 7.70 0.00	211.66 14.62 0.00	88.09 5.67 0.00	81.24 4.72 0.00	125.49 6.40 0.00	55.54 3.34 0.00	49.18 2.76 0.00	44.32 2.33 0.00
W50THST__13_KV_LOAD 356117	35.69 2.27 0.00	28.45 1.72 0.00	29.21 1.70 0.00	28.33 1.56 0.00	28.54 1.53 0.00	35.31 1.84 -1.66	42.23 2.49 0.00	49.64 2.80 -10.44	40.65 2.95 -0.19	44.01 3.25 0.00	46.48 3.32 0.00	46.75 3.29 0.00	46.96 3.50 0.00	56.06 3.93 0.00	61.84 4.42 0.00	61.97 4.32 0.00	113.28 8.74 0.00	213.47 16.44 0.00	88.79 6.37 0.00	81.82 5.31 0.00	126.32 7.24 0.00	55.91 3.71 0.00	49.50 3.08 0.00	44.62 2.63 0.00
WADING RIVER_IC_1 23522	35.54 1.52 -0.60	29.76 1.59 -1.44	29.46 1.59 -0.37	39.86 1.51 -11.59	28.49 1.48 0.00	38.66 1.73 -5.12	41.98 2.24 0.00	49.12 2.19 -10.53	39.97 2.27 -0.19	42.91 2.15 0.00	45.36 2.20 0.00	44.95 1.52 0.03	45.19 1.74 0.00	54.06 1.94 0.00	59.51 2.10 0.00	59.74 2.09 0.00	108.75 4.76 0.56	210.79 13.75 0.00	88.31 5.89 0.00	81.32 4.80 0.00	239.78 9.81 -110.88	99.27 4.81 -42.25	73.52 4.22 -22.88	45.42 3.42 0.00
WADING RIVER_IC_2 23547	35.54 1.52 -0.60	29.76 1.59 -1.44	29.46 1.59 -0.37	39.86 1.51 -11.59	28.49 1.48 0.00	38.66 1.73 -5.12	41.98 2.24 0.00	49.12 2.19 -10.53	39.97 2.27 -0.19	42.91 2.15 0.00	45.36 2.20 0.00	44.95 1.52 0.03	45.19 1.74 0.00	54.06 1.94 0.00	59.51 2.10 0.00	59.74 2.09 0.00	108.75 4.76 0.56	210.79 13.75 0.00	88.31 5.89 0.00	81.32 4.80 0.00	239.78 9.81 -110.88	99.27 4.81 -42.25	73.52 4.22 -22.88	45.42 3.42 0.00
WADING RIVER_IC_3 23601	35.54 1.52 -0.60	29.76 1.59 -1.44	29.46 1.59 -0.37	39.86 1.51 -11.59	28.49 1.48 0.00	38.66 1.73 -5.12	41.98 2.24 0.00	49.12 2.19 -10.53	39.97 2.27 -0.19	42.91 2.15 0.00	45.36 2.20 0.00	44.95 1.52 0.03	45.19 1.74 0.00	54.06 1.94 0.00	59.51 2.10 0.00	59.74 2.09 0.00	108.75 4.76 0.56	210.79 13.75 0.00	88.31 5.89 0.00	81.32 4.80 0.00	239.78 9.81 -110.88	99.27 4.81 -42.25	73.52 4.22 -22.88	45.42 3.42 0.00
WALDENNY_12_KV_BK2 80841	35.35 1.93 0.00	27.71 0.98 0.00	27.80 0.29 0.00	26.84 0.07 0.00	26.99 -0.02 0.00	31.95 0.14 0.00	39.96 0.21 0.00	36.44 0.05 0.00	37.91 0.41 0.00	42.09 1.34 0.00	44.64 1.47 0.00	45.54 2.08 0.00	45.92 2.47 0.00	54.83 2.71 0.00	60.30 2.88 0.00	61.89 4.24 0.00	110.75 6.21 0.00	209.10 12.06 0.00	86.65 4.23 0.00	81.78 5.26 0.00	127.28 8.19 0.00	60.58 4.53 -3.85	60.75 5.44 -8.89	46.28 4.29 0.00
WALDEN__HYDRO 24148	35.21 1.79 0.00	28.06 1.34 0.00	28.86 1.35 0.00	28.00 1.23 0.00	28.21 1.20 0.00	32.72 1.41 0.50	41.68 1.94 0.00	35.35 2.16 3.20	39.66 2.22 0.06	43.19 2.43 0.00	45.64 2.48 0.00	45.88 2.42 0.00	45.93 2.48 0.00	54.99 2.86 0.00	60.58 3.16 0.00	60.82 3.18 0.00	111.21 6.67 0.00	209.54 12.50 0.00	87.59 5.16 0.00	80.96 4.45 0.00	125.16 6.07 0.00	55.27 3.07 0.00	48.95 2.53 0.00	44.09 2.10 0.00
WARRENSBURG____ 23737	35.96 2.54 0.00	28.54 1.82 0.00	29.49 1.98 0.00	28.63 1.86 0.00	29.00 1.98 0.00	34.50 2.43 -0.26	42.98 3.24 0.00	41.00 2.97 -1.64	40.37 2.84 -0.03	43.82 3.07 0.00	46.25 3.09 0.00	46.48 3.02 0.00	46.23 2.78 0.00	55.07 2.94 0.00	60.96 3.54 0.00	61.33 3.68 0.00	111.44 6.90 0.00	211.40 14.36 0.00	89.22 6.80 0.00	82.76 6.24 0.00	129.32 10.23 0.00	56.54 4.34 0.00	50.16 3.74 0.00	45.22 3.22 0.00
WATERSIDE____6 8 9 23538	35.53 2.11 0.00	28.31 1.59 0.00	29.09 1.59 0.00	28.22 1.45 0.00	28.42 1.41 0.00	35.15 1.68 -1.66	42.01 2.26 0.00	49.38 2.55 -10.43	40.34 2.64 -0.19	43.60 2.84 0.00	46.03 2.87 0.00	46.31 2.85 0.00	46.40 2.95 0.00	55.37 3.24 0.00	61.04 3.63 0.00	61.20 3.55 0.00	111.79 7.25 0.00	210.25 13.22 0.00	87.64 5.21 0.00	80.83 4.31 0.00	123.06 5.53 1.56	56.49 3.12 -1.17	49.03 2.61 0.00	44.28 2.29 0.00
WATKINRD_115KV_LN8_ILLION 55919	33.96 0.54 0.00	27.14 0.41 0.00	27.96 0.45 0.00	27.17 0.40 0.00	27.44 0.43 0.00	32.36 0.54 0.00	40.47 0.73 0.00	37.16 0.77 0.00	38.15 0.64 0.00	41.55 0.79 0.00	44.01 0.85 0.00	44.22 0.76 0.00	44.12 0.66 0.00	52.87 0.74 0.00	58.36 0.94 0.00	58.09 0.44 0.00	105.97 1.43 0.00	199.45 2.42 0.00	83.69 1.26 0.00	77.95 1.44 0.00	121.24 2.15 0.00	53.35 1.15 0.00	47.46 1.04 0.00	42.79 0.80 0.00
WATSON__69_KV_BK 1 55734	36.68 2.66 -0.60	30.51 2.34 -1.44	30.22 2.35 -0.36	40.61 2.25 -11.59	29.20 2.19 0.00	39.54 2.62 -5.12	43.11 3.37 0.00	50.42 3.50 -10.53	41.31 3.61 -0.19	44.32 3.56 0.00	46.72 3.56 0.00	46.57 3.14 0.03	46.83 3.37 0.00	56.01 3.88 0.00	61.75 4.33 0.00	61.93 4.28 0.00	112.45 8.69 0.78	216.85 19.82 0.00	90.50 8.08 0.00	83.35 6.83 0.00	189.88 10.61 -60.18	93.90 5.22 -36.48	74.00 4.59 -22.99	45.78 3.79 0.00
WDELAWARE__HYD 323627	34.35 0.93 0.00	27.37 0.65 0.00	28.14 0.63 0.00	27.30 0.53 0.00	27.50 0.48 0.00	32.03 0.57 0.35	40.57 0.83 0.00	35.33 1.14 2.20	38.63 1.16 0.04	42.12 1.36 0.00	44.49 1.33 0.00	44.72 1.26 0.00	44.82 1.37 0.00	53.79 1.66 0.00	59.11 1.69 0.00	59.32 1.68 0.00	108.63 4.09 0.00	204.81 7.78 0.00	85.80 3.38 0.00	79.35 2.84 0.00	122.70 3.61 0.00	54.11 1.91 0.00	47.84 1.43 0.00	43.02 1.02 0.00
WEST BABYLON__IC 23714	36.67 2.65 -0.60	30.46 2.29 -1.44	30.18 2.31 -0.36	40.55 2.19 -11.59	29.15 2.14 0.00	39.49 2.56 -5.12	43.03 3.29 0.00	50.35 3.43 -10.53	41.25 3.55 -0.19	44.26 3.50 0.00	46.57 3.41 0.00	46.40 2.97 0.03	46.64 3.19 0.00	55.80 3.67 0.00	61.50 4.08 0.00	61.72 4.07 0.00	111.68 8.40 1.26	215.75 18.72 0.00	90.03 7.61 0.00	82.91 6.39 0.00	144.27 9.84 -15.34	88.56 4.95 -31.41	74.45 4.29 -23.74	45.53 3.54 0.00

WEST CANADA___HYD 24049	33.66 0.23 0.00	26.91 0.18 0.00	27.71 0.20 0.00	26.94 0.16 0.00	27.19 0.17 0.00	32.03 0.22 0.00	40.03 0.29 0.00	36.72 0.32 0.00	37.79 0.28 0.00	41.11 0.35 0.00	43.53 0.37 0.00	43.82 0.36 0.00	43.79 0.34 0.00	52.44 0.31 0.00	57.76 0.35 0.00	57.94 0.29 0.00	105.26 0.72 0.00	198.35 1.31 0.00	83.01 0.59 0.00	77.12 0.60 0.00	119.95 0.86 0.00	52.71 0.51 0.00	46.89 0.47 0.00	42.32 0.33 0.00
WESTERN_NY_WIND 24143	35.89 2.47 0.00	28.13 1.40 0.00	28.24 0.73 0.00	27.26 0.49 0.00	27.44 0.43 0.00	32.48 0.67 0.00	40.68 0.94 0.00	37.20 0.80 0.00	38.69 1.19 0.00	42.91 2.15 0.00	45.52 2.35 0.00	46.25 2.79 0.00	46.65 3.20 0.00	55.79 3.66 0.00	61.24 3.83 0.00	62.77 5.12 0.00	112.46 7.92 0.00	212.81 15.77 0.00	88.52 6.10 0.00	83.65 7.13 0.00	130.33 11.24 0.00	89.69 5.82 -31.67	174.19 6.36 -121.40	47.01 5.01 0.00
WESTOVER___LESR 323668	34.45 1.02 -0.01	27.33 0.61 0.00	27.95 0.44 0.00	27.16 0.38 0.00	27.37 0.35 0.00	32.36 0.55 0.00	40.58 0.79 -0.04	37.80 0.91 -0.50	39.07 0.95 -0.61	42.80 1.45 -0.59	44.65 1.26 -0.23	45.02 1.31 -0.25	45.19 1.48 -0.26	54.69 1.70 -0.87	60.35 1.70 -1.23	60.69 1.79 -1.25	110.06 3.40 -2.11	206.13 6.56 -2.53	87.27 2.70 -2.15	82.16 3.12 -2.52	126.05 4.44 -2.52	55.89 2.31 -1.38	49.03 2.31 -0.30	43.83 1.73 -0.11
WETHRSFD_WT_PWR 323626	34.81 1.39 0.00	27.39 0.67 0.00	27.65 0.14 0.00	26.74 -0.04 0.00	26.86 -0.15 0.00	31.82 0.02 0.00	39.77 0.03 0.00	36.27 -0.13 0.00	37.56 0.06 0.00	41.48 0.72 0.00	43.94 0.78 0.00	44.63 1.17 0.00	44.82 1.37 0.00	53.38 1.25 0.00	58.70 1.28 0.00	60.05 2.40 0.00	107.87 3.33 0.00	203.38 6.35 0.00	84.74 2.32 0.00	80.31 3.79 0.00	125.22 6.13 0.00	58.33 3.47 -2.67	56.75 4.20 -6.13	45.15 3.15 0.00
WHAVSTOR_138KV_BK127 55557	34.97 1.54 0.00	27.89 1.16 0.00	28.69 1.19 0.00	27.85 1.08 0.00	28.06 1.04 0.00	30.49 1.20 2.51	41.33 1.59 0.00	22.42 1.80 15.77	39.09 1.87 0.29	42.84 2.08 0.00	45.25 2.09 0.00	45.49 2.04 0.00	45.58 2.13 0.00	54.55 2.42 0.00	60.18 2.76 0.00	60.47 2.82 0.00	110.61 6.07 0.00	208.21 11.17 0.00	86.83 4.41 0.00	80.30 3.78 0.00	124.04 4.95 0.00	54.80 2.60 0.00	48.51 2.09 0.00	43.69 1.70 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.97 1.54 0.00	27.89 1.16 0.00	28.69 1.19 0.00	27.85 1.08 0.00	28.06 1.04 0.00	30.49 1.20 2.51	41.33 1.59 0.00	22.42 1.80 15.77	39.09 1.87 0.29	42.84 2.08 0.00	45.25 2.09 0.00	45.49 2.04 0.00	45.58 2.13 0.00	54.55 2.42 0.00	60.18 2.76 0.00	60.47 2.82 0.00	110.61 6.07 0.00	208.21 11.17 0.00	86.83 4.41 0.00	80.30 3.78 0.00	124.04 4.95 0.00	54.80 2.60 0.00	48.51 2.09 0.00	43.69 1.70 0.00
WHITEHAL_115KV_TB1 80871	37.03 3.60 0.00	29.17 2.45 0.00	30.26 2.75 0.00	29.47 2.70 0.00	29.98 2.97 0.00	35.80 3.73 -0.26	44.98 5.24 0.00	42.59 4.55 -1.65	41.72 4.18 -0.03	45.24 4.48 0.00	48.13 4.97 0.00	48.09 4.63 0.00	47.47 4.02 0.00	56.80 4.67 0.00	62.80 5.38 0.00	62.88 5.23 0.00	116.36 11.82 0.00	222.62 25.59 0.00	93.51 11.08 0.00	85.77 9.26 0.00	134.02 14.93 0.00	58.21 6.01 0.00	51.79 5.37 0.00	47.01 5.02 0.00
WHITEPLN_13_KV_LOAD 356215	35.76 2.34 0.00	28.47 1.75 0.00	29.27 1.76 0.00	28.38 1.61 0.00	28.59 1.58 0.00	35.48 1.90 -1.78	42.28 2.53 0.00	50.29 2.76 -11.13	40.62 2.91 -0.20	43.98 3.22 0.00	46.50 3.33 0.00	46.76 3.30 0.00	46.90 3.45 0.00	56.09 3.96 0.00	61.90 4.49 0.00	62.14 4.50 0.00	113.62 9.08 0.00	214.18 17.14 0.00	89.25 6.83 0.00	82.41 5.89 0.00	127.26 8.17 0.00	56.19 3.99 0.00	49.76 3.34 0.00	44.77 2.78 0.00
WM_FLOYD_69_KV_BK2 356380	35.93 1.91 -0.60	30.02 1.85 -1.44	29.73 1.86 -0.36	40.13 1.77 -11.59	28.75 1.73 0.00	38.96 2.04 -5.12	42.37 2.63 0.00	49.61 2.69 -10.53	40.48 2.79 -0.19	43.38 2.62 0.00	45.82 2.65 0.00	45.49 2.06 0.03	45.76 2.31 0.00	54.77 2.64 0.00	60.30 2.88 0.00	60.48 2.84 0.00	110.01 6.04 0.57	212.87 15.83 0.00	89.04 6.62 0.00	82.05 5.54 0.00	247.64 9.88 -118.68	100.19 4.84 -43.15	73.62 4.22 -22.98	45.41 3.42 0.00
WOODARD__115KV_TB2 355635	33.64 0.20 -0.01	26.76 0.03 0.00	27.43 -0.08 0.00	26.63 -0.14 0.00	26.86 -0.15 0.00	31.70 -0.11 0.00	39.77 -0.05 -0.08	37.38 0.04 -0.96	38.75 0.08 -1.17	42.17 0.28 -1.14	43.83 0.23 -0.44	44.25 0.31 -0.49	44.38 0.43 -0.50	54.24 0.45 -1.66	60.20 0.43 -2.35	60.64 0.59 -2.40	109.66 1.07 -4.05	204.04 2.16 -4.85	87.50 0.96 -4.13	82.61 1.25 -4.84	125.65 1.73 -4.83	55.76 0.91 -2.65	47.87 0.89 -0.56	42.71 0.52 -0.21
YORK___WARBASSE 23770	35.72 2.30 0.00	28.48 1.74 -0.01	29.25 1.74 0.00	28.37 1.59 0.00	28.56 1.55 0.00	35.31 1.84 -1.66	42.19 2.45 0.00	49.51 2.68 -10.43	40.50 2.80 -0.19	43.71 2.95 0.00	46.09 2.93 0.00	46.41 2.95 0.00	46.50 3.05 0.00	55.55 3.42 0.00	61.29 3.88 0.00	61.49 3.84 0.00	112.25 7.71 0.00	210.87 13.84 0.00	88.05 5.62 0.00	81.29 4.77 -0.01	125.01 6.10 0.18	61.68 3.37 -6.10	49.27 2.85 0.00	44.53 2.54 0.00