

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/30/2025

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	46.91	48.30	45.41	42.22	40.66	44.50	41.03	42.31	45.32	51.76	56.87	77.22	87.48	147.83	111.23	94.87	132.33	273.74	138.27	113.40	72.18	69.44	77.19	60.10
24138	3.58	3.47	3.54	3.26	3.05	3.02	2.84	3.14	3.57	4.94	5.40	7.56	7.53	8.68	6.48	7.00	6.76	12.58	8.25	12.35	6.25	5.13	4.95	3.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-3.22	-0.02	-12.98	-61.57	-45.90	-32.21	-75.10	-166.86	-66.12	-3.72	0.00	0.00	0.00	0.00
74TH STREET_GT_1	47.09	48.49	45.54	42.33	40.76	44.62	41.09	42.34	45.32	51.74	56.84	77.21	87.48	147.70	111.14	94.78	132.05	273.14	138.09	113.45	72.25	69.52	77.30	60.15
24260	3.77	3.66	3.67	3.37	3.15	3.14	2.90	3.17	3.57	4.92	5.37	7.54	7.57	8.75	6.54	7.01	6.73	12.54	8.30	12.41	6.32	5.21	5.05	3.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-3.22	-0.02	-12.94	-61.37	-45.75	-32.10	-74.85	-166.30	-65.89	-3.70	0.00	0.00	0.00	0.00
74TH STREET_GT_2	47.09	48.49	45.54	42.33	40.76	44.62	41.09	42.34	45.32	51.74	56.84	77.21	87.48	147.70	111.14	94.78	132.05	273.14	138.09	113.45	72.25	69.52	77.30	60.15
24261	3.77	3.66	3.67	3.37	3.15	3.14	2.90	3.17	3.57	4.92	5.37	7.54	7.57	8.75	6.54	7.01	6.73	12.54	8.30	12.41	6.32	5.21	5.05	3.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-3.22	-0.02	-12.94	-61.37	-45.75	-32.10	-74.85	-166.30	-65.89	-3.70	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	45.37	46.93	44.13	41.04	39.59	43.70	40.15	41.03	43.22	47.91	44.74	72.03	65.26	79.31	60.54	58.26	53.26	100.64	68.80	105.38	71.11	68.64	76.30	59.17
24011	2.04	2.10	2.26	2.08	1.99	2.22	1.96	1.86	1.47	1.42	1.20	2.41	1.90	2.42	1.92	2.59	2.79	6.35	4.90	8.04	5.18	4.32	4.06	2.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	4.72	0.03	3.60	0.69	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	45.77	47.39	44.56	41.38	39.92	44.14	40.58	41.40	43.25	47.64	44.92	72.41	65.41	79.53	60.78	58.77	53.67	101.30	69.18	106.64	72.26	69.77	77.35	59.73
23798	2.45	2.56	2.69	2.42	2.32	2.66	2.39	2.24	1.51	1.14	1.06	2.78	1.81	2.60	2.14	3.11	3.21	7.00	5.27	9.30	6.32	5.45	5.11	3.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	4.40	0.02	3.36	0.64	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	45.37	46.93	44.13	41.04	39.59	43.70	40.15	41.03	43.22	47.91	44.74	72.03	65.26	79.31	60.54	58.26	53.26	100.64	68.80	105.38	71.11	68.64	76.30	59.17
24028	2.04	2.10	2.26	2.08	1.99	2.22	1.96	1.86	1.47	1.42	1.20	2.41	1.90	2.42	1.92	2.59	2.79	6.35	4.90	8.04	5.18	4.32	4.06	2.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	4.72	0.03	3.60	0.69	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	45.52	47.35	44.65	41.45	39.93	44.24	40.72	41.82	43.82	48.04	34.49	72.74	57.52	78.28	60.20	58.32	52.85	99.01	67.27	102.86	69.17	66.60	74.49	57.69
23527	2.20	2.52	2.78	2.49	2.33	2.76	2.54	2.65	2.07	1.99	1.85	3.18	2.45	2.98	2.10	2.65	2.39	4.71	3.37	5.52	3.24	2.29	2.26	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	15.62	0.08	11.90	2.28	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	43.66	45.13	42.37	39.42	38.05	41.83	38.45	39.30	41.89	46.78	46.30	69.79	65.31	77.19	58.76	56.13	51.25	96.17	65.23	99.45	66.78	64.59	72.13	56.08
24190	0.34	0.29	0.50	0.47	0.45	0.35	0.27	0.13	0.14	0.18	0.22	0.15	0.01	-0.06	0.01	0.46	0.78	1.87	1.33	2.12	0.86	0.28	-0.11	-0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	2.17	0.01	1.67	0.32	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	43.35	45.01	41.80	38.77	37.41	41.52	38.30	39.32	42.03	47.04	48.35	69.65	66.80	77.39	58.66	54.82	49.22	90.79	61.21	94.05	52.50	57.47	71.67	56.69
355683	0.03	0.18	-0.07	-0.19	-0.19	0.04	0.11	0.15	0.28	0.35	0.09	0.00	-0.17	-0.19	-0.19	-0.84	-1.24	-3.51	-2.70	-3.29	-2.06	-1.23	-0.56	0.11
	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	11.37	5.61	0.00	0.00
ALBANY_1_SOLAR	44.65	46.16	43.36	40.36	38.96	42.83	39.21	39.83	42.22	47.03	47.41	70.09	66.36	66.69	34.21	52.81	46.23	93.19	67.32	99.67	67.11	65.02	72.63	56.51
323833	1.33	1.33	1.49	1.40	1.36	1.35	1.02	0.67	0.47	0.39	0.39	0.45	0.03	-0.75	-0.68	-0.25	0.20	1.33	1.34	2.22	1.18	0.70	0.39	-0.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	1.24	0.01	0.63	10.14	23.96	2.61	4.44	2.44	-2.07	-0.12	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	44.64	46.15	43.35	40.35	38.95	42.82	39.21	39.82	42.21	47.02	47.41	70.07	66.35	66.64	34.18	52.79	46.18	93.11	67.26	99.62	67.07	64.99	72.59	56.47
323834	1.32	1.31	1.48	1.39	1.34	1.34	1.02	0.66	0.47	0.39	0.38	0.43	0.02	-0.78	-0.71	-0.26	0.17	1.29	1.30	2.17	1.14	0.68	0.35	-0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	1.24	0.01	0.64	10.15	23.96	2.61	4.45	2.48	-2.06	-0.12	0.00	0.00	0.00	0.00
ALBANY___1	43.66	45.13	42.37	39.42	38.05	41.83	38.45	39.30	41.89	46.78	46.30	69.79	65.31	77.19	58.76	56.13	51.25	96.17	65.23	99.45	66.78	64.59	72.13	56.08
23571	0.34	0.29	0.50	0.47	0.45	0.35	0.27	0.13	0.14	0.18	0.22	0.15	0.01	-0.06	0.01	0.46	0.78	1.87	1.33	2.12	0.86	0.28	-0.11	-0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	2.17	0.01	1.67	0.32	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	43.66 0.34 0.00	45.13 0.29 0.00	42.37 0.50 0.00	39.42 0.47 0.00	38.05 0.45 0.00	41.83 0.35 0.00	38.45 0.27 0.00	39.30 0.13 0.00	41.89 0.14 0.00	46.78 0.18 0.09	46.30 0.22 2.17	69.79 0.15 0.01	65.31 0.01 1.67	77.19 -0.06 0.32	58.76 0.01 0.11	56.13 0.46 0.00	51.25 0.78 0.00	96.17 1.87 0.00	65.23 1.33 0.00	99.45 2.12 0.00	66.78 0.86 0.00	64.59 0.28 0.00	72.13 -0.11 0.00	56.08 -0.50 0.00
ALBANY___3 23573	43.66 0.34 0.00	45.13 0.29 0.00	42.37 0.50 0.00	39.42 0.47 0.00	38.05 0.45 0.00	41.83 0.35 0.00	38.45 0.27 0.00	39.30 0.13 0.00	41.89 0.14 0.00	46.78 0.18 0.09	46.30 0.22 2.17	69.79 0.15 0.01	65.31 0.01 1.67	77.19 -0.06 0.32	58.76 0.01 0.11	56.13 0.46 0.00	51.25 0.78 0.00	96.17 1.87 0.00	65.23 1.33 0.00	99.45 2.12 0.00	66.78 0.86 0.00	64.59 0.28 0.00	72.13 -0.11 0.00	56.08 -0.50 0.00
ALBANY___4 23574	43.66 0.34 0.00	45.13 0.29 0.00	42.37 0.50 0.00	39.42 0.47 0.00	38.05 0.45 0.00	41.83 0.35 0.00	38.45 0.27 0.00	39.30 0.13 0.00	41.89 0.14 0.00	46.78 0.18 0.09	46.30 0.22 2.17	69.79 0.15 0.01	65.31 0.01 1.67	77.19 -0.06 0.32	58.76 0.01 0.11	56.13 0.46 0.00	51.25 0.78 0.00	96.17 1.87 0.00	65.23 1.33 0.00	99.45 2.12 0.00	66.78 0.86 0.00	64.59 0.28 0.00	72.13 -0.11 0.00	56.08 -0.50 0.00
ALBANY___LFGE 323615	44.13 0.81 0.00	45.60 0.77 0.00	42.82 0.95 0.00	39.83 0.88 0.00	38.44 0.84 0.00	42.27 0.79 0.00	38.85 0.66 0.00	39.70 0.54 0.00	42.33 0.58 0.00	47.31 0.73 0.11	46.42 0.78 2.61	70.71 1.08 0.01	65.91 0.95 2.01	78.27 1.08 0.38	59.62 0.90 0.13	57.04 1.37 0.00	52.09 1.63 0.00	97.89 3.59 0.00	66.37 2.46 0.00	101.10 3.76 0.00	67.90 1.97 0.00	65.64 1.33 0.00	73.26 1.02 0.00	56.94 0.36 0.00
ALCOA_PA_115KV_PL-6C 55860	43.61 0.29 0.00	45.32 0.49 0.00	42.07 0.21 0.00	39.03 0.07 0.00	37.67 0.07 0.00	41.80 0.32 0.00	38.56 0.37 0.00	39.53 0.36 0.00	42.24 0.50 0.00	47.27 0.58 0.00	48.58 0.32 0.00	69.95 0.30 0.00	67.01 0.05 0.00	77.64 0.06 0.00	58.80 -0.06 0.00	54.91 -0.76 0.00	49.28 -1.19 0.00	90.39 -3.92 0.00	61.29 -2.62 0.00	93.86 -3.48 0.00	170.03 -1.50 -105.60	115.50 -0.92 -52.10	72.17 -0.07 0.00	57.06 0.48 0.00
ALCOA_RYNLDS___DRP 24188	43.61 0.29 0.00	45.32 0.49 0.00	42.07 0.21 0.00	39.03 0.07 0.00	37.67 0.07 0.00	41.80 0.32 0.00	38.56 0.37 0.00	39.53 0.36 0.00	42.24 0.50 0.00	47.27 0.58 0.00	48.58 0.32 0.00	69.95 0.30 0.00	67.01 0.05 0.00	77.64 0.06 0.00	58.80 -0.06 0.00	54.91 -0.76 0.00	49.28 -1.19 0.00	90.39 -3.92 0.00	61.29 -2.62 0.00	93.86 -3.48 0.00	170.03 -1.50 -105.60	115.50 -0.92 -52.10	72.17 -0.07 0.00	57.06 0.48 0.00
ALCOA___DSASP 323711	43.62 0.29 0.00	45.32 0.49 0.00	42.07 0.21 0.00	39.03 0.07 0.00	37.67 0.07 0.00	41.80 0.32 0.00	38.56 0.37 0.00	39.53 0.36 0.00	42.24 0.50 0.00	47.27 0.58 0.00	48.58 0.32 0.00	69.95 0.31 0.00	67.01 0.05 0.00	77.64 0.06 0.00	58.80 -0.06 0.00	54.90 -0.76 0.00	49.28 -1.19 0.00	90.39 -3.92 0.00	61.28 -2.62 0.00	93.85 -3.48 0.00	170.03 -1.50 -105.60	115.50 -0.92 -52.10	72.18 -0.07 0.00	57.06 0.48 0.00
ALLEGHENY___COGEN 23514	45.72 2.40 0.00	46.70 1.87 0.00	43.41 1.54 0.00	40.36 1.41 0.00	39.18 1.57 0.00	43.10 1.62 0.00	39.39 1.20 0.00	39.99 0.83 0.00	42.09 0.34 0.00	46.34 -0.34 0.00	47.49 -0.77 0.00	69.42 -0.23 0.00	67.91 0.94 0.00	78.67 1.09 0.00	59.41 0.56 0.00	56.47 0.80 0.00	51.94 1.48 0.00	100.71 6.41 0.00	68.32 4.41 0.00	102.57 5.23 0.00	68.62 2.69 0.00	67.03 2.72 0.00	74.77 2.53 0.00	58.39 1.81 0.00
ALTAMONT_115KV_TB 2 55880	44.27 0.94 0.00	45.75 0.91 0.00	42.95 1.09 0.00	39.96 1.00 0.00	38.55 0.95 0.00	42.40 0.92 0.00	38.91 0.72 0.00	39.79 0.62 0.00	42.36 0.61 0.00	47.44 0.80 0.05	47.81 0.86 1.30	70.81 1.17 0.01	67.03 1.07 1.01	79.18 1.14 -0.46	61.08 0.89 -1.33	57.13 1.26 -0.20	52.30 1.46 -0.37	97.91 3.19 -0.42	66.13 2.22 0.00	100.80 3.47 0.00	67.72 1.79 0.00	65.60 1.29 0.00	73.29 1.05 0.00	57.06 0.48 0.00
ALTONA_WT_PWR 323606	43.76 0.44 0.00	45.33 0.50 0.00	42.09 0.22 0.00	38.98 0.02 0.00	37.56 -0.05 0.00	41.66 0.17 0.00	38.56 0.38 0.00	39.62 0.46 0.00	42.14 0.39 0.00	47.04 0.35 0.00	48.39 0.13 0.00	69.46 -0.19 0.00	66.12 -0.85 0.00	76.39 -1.18 0.00	57.80 -1.05 0.00	54.12 -1.54 0.00	48.48 -1.99 0.00	89.78 -4.53 0.00	60.94 -2.96 0.00	93.35 -3.98 0.00	63.55 -2.38 0.00	62.48 -1.84 0.00	71.07 -1.17 0.00	56.29 -0.28 0.00
AMERICAN_REF_FUEL 24010	41.73 -1.21 0.39	41.84 -1.81 1.19	40.11 -1.71 0.05	37.37 -1.59 0.00	36.34 -1.26 0.00	40.02 -1.46 0.00	36.18 -2.01 0.00	36.87 -2.29 0.00	39.79 -1.96 0.00	45.08 -1.60 0.00	46.12 -2.13 0.00	67.09 -2.56 0.00	65.13 -1.84 0.00	75.62 -1.96 0.00	57.15 -1.70 0.00	54.08 -1.59 0.00	49.39 -1.08 0.00	94.16 -0.14 0.00	63.57 -0.33 0.00	94.77 -2.56 0.00	63.35 -2.58 0.00	62.18 -2.13 0.00	70.30 -1.94 0.00	55.94 -0.64 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.46 0.66 0.52	43.09 -0.14 1.59	41.32 -0.49 0.06	38.45 -0.51 0.00	37.32 -0.29 0.00	40.97 -0.51 0.00	37.43 -0.76 0.00	38.65 -0.52 0.00	41.61 -0.14 0.00	47.08 0.39 0.00	48.67 0.41 0.00	71.05 1.40 0.00	68.44 1.47 0.00	79.34 1.76 0.00	59.73 0.88 0.00	56.26 0.59 0.00	51.57 1.11 0.00	99.11 4.81 0.00	65.19 1.29 0.00	96.54 -0.80 0.00	64.69 -1.24 0.00	63.57 -0.74 0.00	71.63 -0.61 0.00	56.40 -0.17 0.00
ARTHUR KILL_GT_1 23520	46.90 3.58 0.00	48.25 3.42 0.00	45.48 3.62 0.00	42.33 3.37 0.00	40.76 3.15 0.00	44.61 3.13 0.00	41.06 2.87 0.00	42.29 3.12 0.00	45.11 3.36 0.00	51.29 4.48 -0.13	56.29 4.81 -3.22	76.74 7.07 -0.02	87.09 7.18 -12.94	147.29 8.34 -61.37	110.53 5.93 -45.75	93.90 6.26 -31.97	131.07 5.88 -74.72	271.39 10.79 -166.30	137.34 7.54 -65.89	112.39 11.35 -3.70	70.67 5.46 0.72	68.79 4.48 0.00	76.45 4.28 0.07	59.66 3.08 0.00
ARTHUR_KILL_2 23512	46.72 3.40 0.00	48.07 3.23 0.00	45.33 3.46 0.00	42.19 3.23 0.00	40.63 3.02 0.00	44.46 2.98 0.00	40.93 2.74 0.00	42.15 2.98 -0.01	44.96 3.21 -0.01	51.14 4.32 -0.14	56.10 4.62 -3.22	76.45 6.79 -0.02	86.80 6.89 -12.94	146.93 7.99 -61.37	110.27 5.68 -45.75	93.65 6.01 -31.97	130.81 5.63 -74.72	270.97 10.38 -166.30	137.01 7.21 -65.89	111.85 10.81 -3.70	70.34 5.13 0.72	68.47 4.16 0.00	76.13 3.96 0.07	59.41 2.83 0.00
ARTHUR_KILL_3 23513	46.46 3.14 0.00	47.86 3.03 0.00	44.98 3.11 0.00	41.85 2.89 0.00	40.28 2.68 0.00	44.09 2.61 0.00	40.57 2.39 0.00	41.79 2.62 0.00	44.70 2.96 0.00	51.01 4.19 -0.13	56.02 4.55 -3.22	75.97 6.30 -0.02	86.29 6.36 -12.96	141.02 7.28 -56.16	109.35 5.39 -45.10	92.97 5.93 -31.38	131.06 5.76 -74.83	271.50 10.64 -166.56	136.98 7.08 -66.00	111.56 10.52 -3.71	70.29 5.08 0.72	68.37 4.06 0.00	75.98 3.81 0.07	59.19 2.62 0.01

ARTHUR_KILL_COGEN 323718	46.90 3.58 0.00	48.25 3.41 0.00	45.49 3.62 0.00	42.33 3.37 0.00	40.76 3.15 0.00	44.61 3.13 0.00	41.05 2.86 0.00	42.29 3.12 -0.01	45.11 3.36 -0.01	51.31 4.48 -0.14	56.28 4.80 -3.22	76.74 7.07 -0.02	87.08 7.17 -12.94	147.29 8.34 -61.37	110.54 5.94 -45.75	93.90 6.26 -31.97	131.08 5.90 -74.72	271.45 10.85 -166.30	137.34 7.54 -65.89	112.33 11.29 -3.70	70.66 5.45 0.72	68.79 4.48 0.00	76.45 4.28 0.07	59.66 3.08 0.00
ASHOKAN____ 23654	45.81 2.49 0.00	47.19 2.36 0.00	44.23 2.36 0.00	41.12 2.17 0.00	39.63 2.03 0.00	43.53 2.05 0.00	39.94 1.76 0.00	40.85 1.69 0.00	43.54 1.80 0.00	48.99 2.31 0.00	51.07 2.82 0.00	73.18 3.53 0.00	72.82 3.71 -2.15	83.15 4.27 -1.30	48.11 3.63 14.38	62.42 3.60 -3.15	63.13 3.79 -8.88	128.54 7.60 -26.65	82.78 5.47 -13.40	106.96 8.87 -0.75	71.04 5.11 0.00	68.53 4.22 0.00	76.08 3.84 0.00	59.01 2.43 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.89 3.56 0.00	48.27 3.43 0.00	45.35 3.49 0.00	42.17 3.21 0.00	40.61 3.00 0.00	44.40 2.92 0.00	40.90 2.72 0.00	42.13 2.96 -0.01	45.05 3.30 -0.01	51.46 4.64 -0.14	56.43 4.95 -3.22	76.48 6.82 -0.02	86.84 6.83 -13.05	147.64 7.89 -62.16	110.91 6.00 -46.06	94.24 6.46 -32.12	132.08 6.22 -75.40	273.75 11.42 -168.03	137.72 7.61 -66.21	113.54 11.34 -4.86	71.89 5.58 -0.38	69.08 4.53 -0.24	76.57 4.33 0.00	59.70 3.12 0.00
ASTORIA_EAST_ENERGY_CC2 323582	46.89 3.56 0.00	48.27 3.43 0.00	45.35 3.49 0.00	42.17 3.21 0.00	40.61 3.00 0.00	44.40 2.92 0.00	40.90 2.72 0.00	42.13 2.96 -0.01	45.05 3.30 -0.01	51.46 4.64 -0.14	56.43 4.95 -3.22	76.48 6.82 -0.02	86.84 6.83 -13.05	147.64 7.89 -62.16	110.91 6.00 -46.06	94.24 6.46 -32.12	132.08 6.22 -75.40	273.75 11.42 -168.03	137.72 7.61 -66.21	113.54 11.34 -4.86	71.89 5.58 -0.38	69.08 4.53 -0.24	76.57 4.33 0.00	59.70 3.12 0.00
ASTORIA_GT2_1 24094	46.91 3.58 0.00	48.30 3.46 0.00	45.38 3.51 0.00	42.20 3.24 0.00	40.63 3.03 0.00	44.42 2.94 0.00	40.92 2.73 0.00	42.15 2.99 0.00	45.06 3.31 0.00	51.48 4.67 -0.13	56.45 4.98 -3.22	76.54 6.88 -0.02	86.89 6.87 -13.05	147.68 7.94 -62.16	110.95 6.04 -46.06	94.29 6.51 -32.12	132.10 6.24 -75.40	273.81 11.48 -168.03	137.75 7.64 -66.21	113.64 11.43 -4.86	71.94 5.63 -0.38	69.13 4.57 -0.24	76.60 4.36 0.00	59.73 3.15 0.00
ASTORIA_GT2_2 24095	46.91 3.58 0.00	48.30 3.46 0.00	45.38 3.51 0.00	42.20 3.24 0.00	40.63 3.03 0.00	44.42 2.94 0.00	40.92 2.73 0.00	42.15 2.99 0.00	45.06 3.31 0.00	51.48 4.67 -0.13	56.45 4.98 -3.22	76.54 6.88 -0.02	86.89 6.87 -13.05	147.68 7.94 -62.16	110.95 6.04 -46.06	94.29 6.51 -32.12	132.10 6.24 -75.40	273.81 11.48 -168.03	137.75 7.64 -66.21	113.64 11.43 -4.86	71.94 5.63 -0.38	69.13 4.57 -0.24	76.60 4.36 0.00	59.73 3.15 0.00
ASTORIA_GT2_3 24096	46.91 3.58 0.00	48.30 3.46 0.00	45.38 3.51 0.00	42.20 3.24 0.00	40.63 3.03 0.00	44.42 2.94 0.00	40.92 2.73 0.00	42.15 2.99 0.00	45.06 3.31 0.00	51.48 4.67 -0.13	56.45 4.98 -3.22	76.54 6.88 -0.02	86.89 6.87 -13.05	147.68 7.94 -62.16	110.95 6.04 -46.06	94.29 6.51 -32.12	132.10 6.24 -75.40	273.81 11.48 -168.03	137.75 7.64 -66.21	113.64 11.43 -4.86	71.94 5.63 -0.38	69.13 4.57 -0.24	76.60 4.36 0.00	59.73 3.15 0.00
ASTORIA_GT2_4 24097	46.91 3.58 0.00	48.30 3.46 0.00	45.38 3.51 0.00	42.20 3.24 0.00	40.63 3.03 0.00	44.42 2.94 0.00	40.92 2.73 0.00	42.15 2.99 0.00	45.06 3.31 0.00	51.48 4.67 -0.13	56.45 4.98 -3.22	76.54 6.88 -0.02	86.89 6.87 -13.05	147.68 7.94 -62.16	110.95 6.04 -46.06	94.29 6.51 -32.12	132.10 6.24 -75.40	273.81 11.48 -168.03	137.75 7.64 -66.21	113.64 11.43 -4.86	71.94 5.63 -0.38	69.13 4.57 -0.24	76.60 4.36 0.00	59.73 3.15 0.00
ASTORIA_GT3_1 24098	46.91 3.58 0.00	48.30 3.46 0.00	45.38 3.51 0.00	42.20 3.24 0.00	40.63 3.03 0.00	44.42 2.94 0.00	40.92 2.73 0.00	42.15 2.99 0.00	45.06 3.31 0.00	51.48 4.67 -0.13	56.45 4.98 -3.22	76.54 6.88 -0.02	86.89 6.87 -13.05	147.68 7.94 -62.16	110.95 6.04 -46.06	94.29 6.51 -32.12	132.10 6.24 -75.40	273.81 11.48 -168.03	137.75 7.64 -66.21	113.64 11.43 -4.86	71.94 5.63 -0.38	69.13 4.57 -0.24	76.60 4.36 0.00	59.73 3.15 0.00
ASTORIA_GT3_2 24099	46.91 3.58 0.00	48.30 3.46 0.00	45.38 3.51 0.00	42.20 3.24 0.00	40.63 3.03 0.00	44.42 2.94 0.00	40.92 2.73 0.00	42.15 2.99 0.00	45.06 3.31 0.00	51.48 4.67 -0.13	56.45 4.98 -3.22	76.54 6.88 -0.02	86.89 6.87 -13.05	147.68 7.94 -62.16	110.95 6.04 -46.06	94.29 6.51 -32.12	132.10 6.24 -75.40	273.81 11.48 -168.03	137.75 7.64 -66.21	113.64 11.43 -4.86	71.94 5.63 -0.38	69.13 4.57 -0.24	76.60 4.36 0.00	59.73 3.15 0.00
ASTORIA_GT3_3 24100	46.91 3.58 0.00	48.30 3.46 0.00	45.38 3.51 0.00	42.20 3.24 0.00	40.63 3.03 0.00	44.42 2.94 0.00	40.92 2.73 0.00	42.15 2.99 0.00	45.06 3.31 0.00	51.48 4.67 -0.13	56.45 4.98 -3.22	76.54 6.88 -0.02	86.89 6.87 -13.05	147.68 7.94 -62.16	110.95 6.04 -46.06	94.29 6.51 -32.12	132.10 6.24 -75.40	273.81 11.48 -168.03	137.75 7.64 -66.21	113.64 11.43 -4.86	71.94 5.63 -0.38	69.13 4.57 -0.24	76.60 4.36 0.00	59.73 3.15 0.00
ASTORIA_GT3_4 24101	46.91 3.58 0.00	48.30 3.46 0.00	45.38 3.51 0.00	42.20 3.24 0.00	40.63 3.03 0.00	44.42 2.94 0.00	40.92 2.73 0.00	42.15 2.99 0.00	45.06 3.31 0.00	51.48 4.67 -0.13	56.45 4.98 -3.22	76.54 6.88 -0.02	86.89 6.87 -13.05	147.68 7.94 -62.16	110.95 6.04 -46.06	94.29 6.51 -32.12	132.10 6.24 -75.40	273.81 11.48 -168.03	137.75 7.64 -66.21	113.64 11.43 -4.86	71.94 5.63 -0.38	69.13 4.57 -0.24	76.60 4.36 0.00	59.73 3.15 0.00
ASTORIA_GT4_1 24102	46.91 3.58 0.00	48.30 3.46 0.00	45.38 3.51 0.00	42.20 3.24 0.00	40.63 3.03 0.00	44.42 2.94 0.00	40.92 2.73 0.00	42.15 2.99 0.00	45.06 3.31 0.00	51.48 4.67 -0.13	56.45 4.98 -3.22	76.54 6.88 -0.02	86.89 6.87 -13.05	147.68 7.94 -62.16	110.95 6.04 -46.06	94.29 6.51 -32.12	132.10 6.24 -75.40	273.81 11.48 -168.03	137.75 7.64 -66.21	113.64 11.43 -4.86	71.94 5.63 -0.38	69.13 4.57 -0.24	76.60 4.36 0.00	59.73 3.15 0.00
ASTORIA_GT4_2 24103	46.91 3.58 0.00	48.30 3.46 0.00	45.38 3.51 0.00	42.20 3.24 0.00	40.63 3.03 0.00	44.42 2.94 0.00	40.92 2.73 0.00	42.15 2.99 0.00	45.06 3.31 0.00	51.48 4.67 -0.13	56.45 4.98 -3.22	76.54 6.88 -0.02	86.89 6.87 -13.05	147.68 7.94 -62.16	110.95 6.04 -46.06	94.29 6.51 -32.12	132.10 6.24 -75.40	273.81 11.48 -168.03	137.75 7.64 -66.21	113.64 11.43 -4.86	71.94 5.63 -0.38	69.13 4.57 -0.24	76.60 4.36 0.00	59.73 3.15 0.00
ASTORIA_GT4_3 24104	46.91 3.58 0.00	48.30 3.46 0.00	45.38 3.51 0.00	42.20 3.24 0.00	40.63 3.03 0.00	44.42 2.94 0.00	40.92 2.73 0.00	42.15 2.99 0.00	45.06 3.31 0.00	51.48 4.67 -0.13	56.45 4.98 -3.22	76.54 6.88 -0.02	86.89 6.87 -13.05	147.68 7.94 -62.16	110.95 6.04 -46.06	94.29 6.51 -32.12	132.10 6.24 -75.40	273.81 11.48 -168.03	137.75 7.64 -66.21	113.64 11.43 -4.86	71.94 5.63 -0.38	69.13 4.57 -0.24	76.60 4.36 0.00	59.73 3.15 0.00

ASTORIA_GT4_4 24105	46.91 3.58 0.00	48.30 3.46 0.00	45.38 3.51 0.00	42.20 3.24 0.00	40.63 3.03 0.00	44.42 2.94 0.00	40.92 2.73 0.00	42.15 2.99 0.00	45.06 3.31 0.00	51.48 4.67 -0.13	56.45 4.98 -3.22	76.54 6.88 -0.02	86.89 6.87 -13.05	147.68 7.94 -62.16	110.95 6.04 -46.06	94.29 6.51 -32.12	132.10 6.24 -75.40	273.81 11.48 -168.03	137.75 7.64 -66.21	113.64 11.43 -4.86	71.94 5.63 -0.38	69.13 4.57 -0.24	76.60 4.36 0.00	59.73 3.15 0.00
ASTORIA_GT_1 23523	47.03 3.71 0.00	48.40 3.57 0.00	45.48 3.60 0.00	42.28 3.33 0.00	40.71 3.10 0.00	44.51 3.03 0.00	41.01 2.83 0.00	42.24 3.08 0.00	45.17 3.42 0.00	51.62 4.80 -0.13	56.59 5.12 -3.22	76.75 7.09 -0.02	87.10 7.08 -13.05	147.94 8.20 -62.16	111.13 6.22 -46.06	94.46 6.68 -32.12	132.26 6.40 -75.40	274.13 11.80 -168.03	137.96 7.85 -66.21	113.93 11.73 -4.86	72.14 5.82 -0.38	69.31 4.76 -0.24	76.81 4.57 0.00	59.88 3.30 0.00
ASTORIA_GT_10 24110	46.77 3.45 0.00	48.17 3.34 0.00	45.26 3.39 0.00	42.08 3.12 0.00	40.52 2.91 0.00	44.34 2.86 0.00	40.83 2.65 0.00	42.13 2.97 0.00	45.07 3.32 0.00	51.41 4.59 -0.13	56.47 4.99 -3.22	76.45 6.78 -0.02	86.66 6.74 -12.94	146.68 7.74 -61.37	110.38 5.78 -45.75	94.01 6.24 -32.10	131.24 5.93 -74.85	271.44 10.84 -166.30	137.08 7.28 -65.89	112.04 11.00 -3.70	71.28 5.35 0.00	68.56 4.25 0.00	76.20 3.97 0.00	59.47 2.89 0.00
ASTORIA_GT_11 24225	46.77 3.45 0.00	48.17 3.34 0.00	45.26 3.39 0.00	42.08 3.12 0.00	40.52 2.91 0.00	44.34 2.86 0.00	40.83 2.65 0.00	42.13 2.97 0.00	45.07 3.32 0.00	51.41 4.59 -0.13	56.47 4.99 -3.22	76.45 6.78 -0.02	86.66 6.74 -12.94	146.68 7.74 -61.37	110.38 5.78 -45.75	94.01 6.24 -32.10	131.24 5.93 -74.85	271.44 10.84 -166.30	137.08 7.28 -65.89	112.04 11.00 -3.70	71.28 5.35 0.00	68.56 4.25 0.00	76.20 3.97 0.00	59.47 2.89 0.00
ASTORIA_GT_12 24226	46.77 3.45 0.00	48.17 3.34 0.00	45.26 3.39 0.00	42.08 3.12 0.00	40.52 2.91 0.00	44.34 2.86 0.00	40.83 2.65 0.00	42.13 2.97 0.00	45.07 3.32 0.00	51.41 4.59 -0.13	56.47 4.99 -3.22	76.45 6.78 -0.02	86.66 6.74 -12.94	146.68 7.74 -61.37	110.38 5.78 -45.75	94.01 6.24 -32.10	131.24 5.93 -74.85	271.44 10.84 -166.30	137.08 7.28 -65.89	112.04 11.00 -3.70	71.28 5.35 0.00	68.56 4.25 0.00	76.20 3.97 0.00	59.47 2.89 0.00
ASTORIA_GT_13 24227	46.77 3.45 0.00	48.17 3.34 0.00	45.26 3.39 0.00	42.08 3.12 0.00	40.52 2.91 0.00	44.34 2.86 0.00	40.83 2.65 0.00	42.13 2.97 0.00	45.07 3.32 0.00	51.41 4.59 -0.13	56.47 4.99 -3.22	76.45 6.78 -0.02	86.66 6.74 -12.94	146.68 7.74 -61.37	110.38 5.78 -45.75	94.01 6.24 -32.10	131.24 5.93 -74.85	271.44 10.84 -166.30	137.08 7.28 -65.89	112.04 11.00 -3.70	71.28 5.35 0.00	68.56 4.25 0.00	76.20 3.97 0.00	59.47 2.89 0.00
ASTORIA_GT_5 24106	47.03 3.71 0.00	48.40 3.57 0.00	45.48 3.60 0.00	42.28 3.33 0.00	40.71 3.10 0.00	44.51 3.03 0.00	41.01 2.83 0.00	42.24 3.08 0.00	45.17 3.42 0.00	51.62 4.80 -0.13	56.59 5.12 -3.22	76.75 7.09 -0.02	87.10 7.08 -13.05	147.94 8.20 -62.16	111.13 6.22 -46.06	94.46 6.68 -32.12	132.26 6.40 -75.40	274.13 11.80 -168.03	137.96 7.85 -66.21	113.93 11.73 -4.86	72.14 5.82 -0.38	69.31 4.76 -0.24	76.81 4.57 0.00	59.88 3.30 0.00
ASTORIA_GT_7 24107	47.03 3.71 0.00	48.40 3.57 0.00	45.48 3.60 0.00	42.28 3.33 0.00	40.71 3.10 0.00	44.51 3.03 0.00	41.01 2.83 0.00	42.24 3.08 0.00	45.17 3.42 0.00	51.62 4.80 -0.13	56.59 5.12 -3.22	76.75 7.09 -0.02	87.10 7.08 -13.05	147.94 8.20 -62.16	111.13 6.22 -46.06	94.46 6.68 -32.12	132.26 6.40 -75.40	274.13 11.80 -168.03	137.96 7.85 -66.21	113.93 11.73 -4.86	72.14 5.82 -0.38	69.31 4.76 -0.24	76.81 4.57 0.00	59.88 3.30 0.00
ASTORIA_GT_8 24108	47.03 3.71 0.00	48.40 3.57 0.00	45.48 3.60 0.00	42.28 3.33 0.00	40.71 3.10 0.00	44.51 3.03 0.00	41.01 2.83 0.00	42.24 3.08 0.00	45.17 3.42 0.00	51.62 4.80 -0.13	56.59 5.12 -3.22	76.75 7.09 -0.02	87.10 7.08 -13.05	147.94 8.20 -62.16	111.13 6.22 -46.06	94.46 6.68 -32.12	132.26 6.40 -75.40	274.13 11.80 -168.03	137.96 7.85 -66.21	113.93 11.73 -4.86	72.14 5.82 -0.38	69.31 4.76 -0.24	76.81 4.57 0.00	59.88 3.30 0.00
ASTORIA___2 24149	46.91 3.58 0.00	48.29 3.46 0.00	45.37 3.51 0.00	42.20 3.24 0.00	40.63 3.03 0.00	44.42 2.94 0.00	40.92 2.73 0.00	42.16 2.98 -0.01	45.06 3.31 -0.01	51.49 4.67 -0.14	56.45 4.97 -3.22	76.54 6.88 -0.02	86.88 6.87 -13.05	147.68 7.94 -62.16	110.95 6.04 -46.06	94.29 6.50 -32.12	132.10 6.24 -75.40	273.82 11.49 -168.03	137.74 7.63 -66.21	113.57 11.37 -4.86	71.94 5.63 -0.38	69.13 4.57 -0.24	76.60 4.36 0.00	59.73 3.15 0.00
ASTORIA___3 23516	46.77 3.45 0.00	48.17 3.33 0.00	45.26 3.39 0.00	42.08 3.12 0.00	40.52 2.91 0.00	44.34 2.86 0.00	40.83 2.65 0.00	42.14 2.96 -0.01	45.07 3.32 -0.01	51.42 4.59 -0.14	56.45 4.97 -3.22	76.44 6.78 -0.02	86.65 6.74 -12.94	146.67 7.73 -61.37	110.38 5.78 -45.75	94.00 6.24 -32.10	131.25 5.94 -74.85	271.44 10.84 -166.30	137.08 7.29 -65.89	111.96 10.92 -3.70	71.28 5.35 0.00	68.55 4.23 0.00	76.21 3.97 0.00	59.47 2.89 0.00
ASTORIA___4 23517	46.77 3.45 0.00	48.17 3.34 0.00	45.26 3.39 0.00	42.08 3.12 0.00	40.52 2.91 0.00	44.34 2.86 0.00	40.83 2.65 0.00	42.13 2.97 0.00	45.07 3.32 0.00	51.41 4.59 -0.13	56.47 4.99 -3.22	76.45 6.78 -0.02	86.66 6.74 -12.94	146.68 7.73 -61.37	110.38 5.78 -45.75	94.00 6.23 -32.10	131.24 5.93 -74.85	271.44 10.84 -166.30	137.08 7.28 -65.89	112.03 10.99 -3.70	71.28 5.35 0.00	68.55 4.24 0.00	76.20 3.97 0.00	59.47 2.89 0.00
ASTORIA___5 23518	46.77 3.45 0.00	48.16 3.33 0.00	45.26 3.39 0.00	42.08 3.12 0.00	40.52 2.91 0.00	44.34 2.86 0.00	40.83 2.65 0.00	42.14 2.96 -0.01	45.07 3.32 -0.01	51.42 4.59 -0.14	56.45 4.97 -3.22	76.44 6.78 -0.02	86.65 6.73 -12.94	146.67 7.73 -61.37	110.38 5.78 -45.75	94.00 6.24 -32.10	131.25 5.94 -74.85	271.44 10.84 -166.30	137.08 7.29 -65.89	111.96 10.92 -3.70	71.28 5.35 0.00	68.55 4.23 0.00	76.21 3.97 0.00	59.47 2.89 0.00
AST_ENERGY_2_CC3 323677	46.62 3.30 0.00	48.01 3.18 0.00	45.11 3.24 0.00	41.93 2.98 0.00	40.37 2.76 0.00	44.19 2.71 0.00	40.67 2.49 0.00	41.91 2.74 0.00	44.85 3.11 0.00	51.18 4.37 -0.13	56.21 4.74 -3.22	76.28 6.62 -0.02	86.58 6.65 -12.96	146.74 7.70 -61.47	110.40 5.73 -45.82	94.06 6.24 -32.15	131.47 6.04 -74.97	272.06 11.20 -166.57	137.28 7.38 -66.00	112.03 10.98 -3.71	71.35 5.41 0.00	68.67 4.36 0.00	76.38 4.14 0.00	59.45 2.87 0.00
AST_ENERGY_2_CC4 323678	46.62 3.30 0.00	48.01 3.18 0.00	45.11 3.24 0.00	41.93 2.98 0.00	40.37 2.76 0.00	44.19 2.71 0.00	40.67 2.49 0.00	41.91 2.74 0.00	44.85 3.11 0.00	51.18 4.37 -0.13	56.21 4.74 -3.22	76.28 6.62 -0.02	86.58 6.65 -12.96	146.74 7.70 -61.47	110.40 5.73 -45.82	94.06 6.24 -32.15	131.47 6.04 -74.97	272.06 11.20 -166.57	137.28 7.38 -66.00	112.03 10.98 -3.71	71.35 5.41 0.00	68.67 4.36 0.00	76.38 4.14 0.00	59.45 2.87 0.00

ATHENS_STG_1 23668	44.73 1.41 0.00	46.23 1.39 0.00	43.47 1.60 0.00	40.41 1.46 0.00	38.98 1.37 0.00	42.83 1.34 0.00	39.28 1.09 0.00	40.25 1.08 0.00	42.90 1.15 0.00	48.39 1.64 -0.06	51.64 1.79 -1.59	72.18 2.52 -0.01	70.29 2.47 -0.84	78.74 2.86 1.70	59.65 2.16 1.37	57.22 2.57 1.02	50.72 2.62 2.37	94.10 5.08 5.28	65.21 3.40 2.09	102.30 5.08 0.12	68.47 2.54 0.00	66.21 1.90 0.00	73.88 1.64 0.00	57.52 0.93 0.00
ATHENS_STG_2 23670	44.73 1.41 0.00	46.23 1.39 0.00	43.47 1.60 0.00	40.41 1.46 0.00	38.98 1.37 0.00	42.83 1.34 0.00	39.28 1.09 0.00	40.25 1.08 0.00	42.90 1.15 0.00	48.39 1.64 -0.06	51.64 1.79 -1.59	72.18 2.52 -0.01	70.29 2.47 -0.84	78.74 2.86 1.70	59.65 2.16 1.37	57.22 2.57 1.02	50.72 2.62 2.37	94.10 5.08 5.28	65.21 3.40 2.09	102.30 5.08 0.12	68.47 2.54 0.00	66.21 1.90 0.00	73.88 1.64 0.00	57.52 0.93 0.00
ATHENS_STG_3 23677	44.73 1.41 0.00	46.23 1.39 0.00	43.47 1.60 0.00	40.41 1.46 0.00	38.98 1.37 0.00	42.83 1.34 0.00	39.28 1.09 0.00	40.25 1.08 0.00	42.90 1.15 0.00	48.39 1.64 -0.06	51.64 1.79 -1.59	72.18 2.52 -0.01	70.29 2.47 -0.84	78.74 2.86 1.70	59.65 2.16 1.37	57.22 2.57 1.02	50.72 2.62 2.37	94.10 5.08 5.28	65.21 3.40 2.09	102.30 5.08 0.12	68.47 2.54 0.00	66.21 1.90 0.00	73.88 1.64 0.00	57.52 0.93 0.00
AUBURN___LFGE 323710	43.63 0.31 0.00	45.07 0.23 0.00	42.10 0.23 0.00	39.21 0.25 0.00	37.79 0.18 0.00	41.73 0.24 0.00	38.15 -0.04 0.00	39.10 -0.06 0.00	41.62 -0.13 0.00	46.56 -0.12 0.00	48.47 0.09 -0.12	71.41 0.17 -1.59	67.74 0.51 -0.27	81.63 1.21 -2.84	62.74 0.85 -3.03	56.85 1.04 -0.15	51.63 1.17 0.00	97.76 3.45 0.00	68.38 2.48 -2.00	103.18 3.66 -2.19	68.30 2.09 -0.27	69.35 1.61 -3.42	76.68 1.40 -3.04	60.35 0.87 -2.91
BABYLON_RES_REC 323704	47.03 3.70 0.00	48.64 3.80 0.00	45.48 3.61 0.00	42.14 3.18 0.00	40.49 2.89 0.00	44.28 2.80 0.00	40.59 2.41 0.00	41.71 2.54 0.00	44.65 2.91 0.00	51.33 4.52 -0.13	55.86 4.39 -3.22	74.95 5.60 0.30	84.04 5.90 -11.17	139.01 6.63 -54.81	106.15 5.26 -42.03	91.30 5.78 -29.85	126.13 5.74 -69.92	261.81 10.23 -157.28	135.84 7.08 -64.85	108.76 10.55 -0.87	67.61 5.06 3.38	65.37 3.78 2.72	73.05 3.16 2.35	58.42 2.04 0.21
BALL_HILL_WT_PWR 323825	42.86 0.03 0.49	42.72 -0.60 1.51	41.04 -0.77 0.06	38.24 -0.72 0.00	37.15 -0.45 0.00	40.80 -0.68 0.00	37.08 -1.10 0.00	38.06 -1.10 0.00	40.97 -0.77 0.00	46.35 -0.33 0.00	47.82 -0.44 0.00	69.75 0.10 0.00	67.38 0.41 0.00	78.30 0.73 0.00	58.90 0.05 0.00	55.74 0.07 0.00	51.02 0.55 0.00	97.75 3.45 0.00	65.32 1.42 0.00	97.45 0.12 0.00	64.97 -0.96 0.00	63.82 -0.49 0.00	71.86 -0.38 0.00	56.65 0.07 0.00
BARON_WINDS___WT_PWR 323822	43.93 0.34 -0.27	45.54 -0.13 -0.83	41.62 -0.28 -0.03	38.65 -0.31 0.00	37.55 -0.05 0.00	41.04 -0.44 0.00	37.49 -0.70 0.00	38.41 -0.76 0.00	40.92 -0.82 0.00	45.84 -0.85 0.00	47.35 -0.90 0.00	69.19 -0.46 0.00	67.08 0.11 0.00	77.72 0.14 0.00	58.48 -0.37 0.00	55.51 -0.16 0.00	50.95 0.49 0.00	97.57 3.27 0.00	65.67 1.76 0.00	98.83 1.49 0.00	65.75 -0.18 0.00	64.17 -0.14 0.00	71.82 -0.42 0.00	55.91 -0.67 0.00
BARRETT_IC_1 23704	46.76 3.44 0.00	48.25 3.42 0.00	45.16 3.29 0.00	41.89 2.93 0.00	40.28 2.68 0.00	44.08 2.60 0.00	40.39 2.20 0.00	41.53 2.37 0.00	44.46 2.72 0.00	51.02 4.20 -0.13	55.73 4.26 -3.22	75.42 5.75 -0.02	92.46 6.00 -19.48	149.49 6.56 -65.35	111.05 5.23 -46.97	93.01 5.80 -31.55	133.45 5.55 -77.44	278.97 9.92 -174.75	135.50 6.79 -64.81	102.50 9.84 4.68	62.73 4.71 7.91	64.34 3.68 3.65	75.81 3.56 -0.01	58.95 2.36 -0.01
BARRETT_IC_10 23701	46.76 3.44 0.00	48.25 3.42 0.00	45.16 3.29 0.00	41.89 2.93 0.00	40.28 2.68 0.00	44.08 2.60 0.00	40.39 2.20 0.00	41.53 2.37 0.00	44.46 2.72 0.00	51.02 4.20 -0.13	55.73 4.26 -3.22	75.42 5.75 -0.02	80.60 6.00 -7.63	94.44 6.56 -10.29	89.76 5.23 -25.68	91.87 5.80 -30.40	95.88 5.55 -39.86	161.45 9.92 -57.23	114.29 6.79 -43.59	23.38 9.84 83.80	36.68 4.71 33.97	47.83 3.68 20.16	75.81 3.56 -0.01	58.95 2.36 -0.01
BARRETT_IC_11 23702	46.76 3.44 0.00	48.25 3.42 0.00	45.16 3.29 0.00	41.89 2.93 0.00	40.28 2.68 0.00	44.08 2.60 0.00	40.39 2.20 0.00	41.53 2.37 0.00	44.46 2.72 0.00	51.02 4.20 -0.13	55.73 4.26 -3.22	75.42 5.75 -0.02	80.60 6.00 -7.63	94.44 6.56 -10.29	89.76 5.23 -25.68	91.87 5.80 -30.40	95.88 5.55 -39.86	161.45 9.92 -57.23	114.29 6.79 -43.59	23.38 9.84 83.80	36.68 4.71 33.97	47.83 3.68 20.16	75.81 3.56 -0.01	58.95 2.36 -0.01
BARRETT_IC_12 23703	46.76 3.44 0.00	48.25 3.42 0.00	45.16 3.29 0.00	41.89 2.93 0.00	40.28 2.68 0.00	44.08 2.60 0.00	40.39 2.20 0.00	41.53 2.37 0.00	44.46 2.72 0.00	51.02 4.20 -0.13	55.73 4.26 -3.22	75.42 5.75 -0.02	80.60 6.00 -7.63	94.44 6.56 -10.29	89.76 5.23 -25.68	91.87 5.80 -30.40	95.88 5.55 -39.86	161.45 9.92 -57.23	114.29 6.79 -43.59	23.38 9.84 83.80	36.68 4.71 33.97	47.83 3.68 20.16	75.81 3.56 -0.01	58.95 2.36 -0.01
BARRETT_IC_2 23705	46.76 3.44 0.00	48.25 3.42 0.00	45.16 3.29 0.00	41.89 2.93 0.00	40.28 2.68 0.00	44.08 2.60 0.00	40.39 2.20 0.00	41.53 2.37 0.00	44.46 2.72 0.00	51.02 4.20 -0.13	55.73 4.26 -3.22	75.42 5.75 -0.02	92.46 6.00 -19.48	149.49 6.56 -65.35	111.05 5.23 -46.97	93.01 5.80 -31.55	133.45 5.55 -77.44	278.97 9.92 -174.75	135.50 6.79 -64.81	102.50 9.84 4.68	62.73 4.71 7.91	64.34 3.68 3.65	75.81 3.56 -0.01	58.95 2.36 -0.01
BARRETT_IC_3 23706	46.76 3.44 0.00	48.25 3.42 0.00	45.16 3.29 0.00	41.89 2.93 0.00	40.28 2.68 0.00	44.08 2.60 0.00	40.39 2.20 0.00	41.53 2.37 0.00	44.46 2.72 0.00	51.02 4.20 -0.13	55.73 4.26 -3.22	75.42 5.75 -0.02	92.46 6.00 -19.48	149.49 6.56 -65.35	111.05 5.23 -46.97	93.01 5.80 -31.55	133.45 5.55 -77.44	278.97 9.92 -174.75	135.50 6.79 -64.81	102.50 9.84 4.68	62.73 4.71 7.91	64.34 3.68 3.65	75.81 3.56 -0.01	58.95 2.36 -0.01
BARRETT_IC_4 23707	46.76 3.44 0.00	48.25 3.42 0.00	45.16 3.29 0.00	41.89 2.93 0.00	40.28 2.68 0.00	44.08 2.60 0.00	40.39 2.20 0.00	41.53 2.37 0.00	44.46 2.72 0.00	51.02 4.20 -0.13	55.73 4.26 -3.22	75.42 5.75 -0.02	92.46 6.00 -19.48	149.49 6.56 -65.35	111.05 5.23 -46.97	93.01 5.80 -31.55	133.45 5.55 -77.44	278.97 9.92 -174.75	135.50 6.79 -64.81	102.50 9.84 4.68	62.73 4.71 7.91	64.34 3.68 3.65	75.81 3.56 -0.01	58.95 2.36 -0.01
BARRETT_IC_5 23708	46.76 3.44 0.00	48.25 3.42 0.00	45.16 3.29 0.00	41.89 2.93 0.00	40.28 2.68 0.00	44.08 2.60 0.00	40.39 2.20 0.00	41.53 2.37 0.00	44.46 2.72 0.00	51.02 4.20 -0.13	55.73 4.26 -3.22	75.42 5.75 -0.02	92.46 6.00 -19.48	149.49 6.56 -65.35	111.05 5.23 -46.97	93.01 5.80 -31.55	133.45 5.55 -77.44	278.97 9.92 -174.75	135.50 6.79 -64.81	102.50 9.84 4.68	62.73 4.71 7.91	64.34 3.68 3.65	75.81 3.56 -0.01	58.95 2.36 -0.01

BARRETT_IC_6 23709	46.76 3.44 0.00	48.25 3.42 0.00	45.16 3.29 0.00	41.89 2.93 0.00	40.28 2.68 0.00	44.08 2.60 0.00	40.39 2.20 0.00	41.53 2.37 0.00	44.46 2.72 0.00	51.02 4.20 -0.13	55.73 4.26 -3.22	75.42 5.75 -0.02	92.46 6.00 -19.48	149.49 6.56 -65.35	111.05 5.23 -46.97	93.01 5.80 -31.55	133.45 5.55 -77.44	278.97 9.92 -174.75	135.50 6.79 -64.81	102.50 9.84 4.68	62.73 4.71 7.91	64.34 3.68 3.65	75.81 3.56 -0.01	58.95 2.36 -0.01
BARRETT_IC_7 23710	46.76 3.44 0.00	48.26 3.42 0.00	45.16 3.29 0.00	41.90 2.94 0.00	40.28 2.68 0.00	44.08 2.60 0.00	40.39 2.21 0.00	41.53 2.37 0.00	44.46 2.72 0.00	51.01 4.20 -0.13	55.77 4.29 -3.22	75.43 5.75 -0.02	92.47 6.01 -19.48	149.52 6.59 -65.35	111.08 5.25 -46.97	93.02 5.80 -31.55	133.58 5.68 -77.44	279.14 10.09 -174.75	135.55 6.84 -64.81	102.94 10.28 4.68	62.82 4.80 7.91	64.36 3.70 3.65	75.81 3.56 -0.01	58.96 2.37 -0.01
BARRETT_IC_8 23711	46.76 3.44 0.00	48.25 3.42 0.00	45.16 3.29 0.00	41.89 2.93 0.00	40.28 2.68 0.00	44.08 2.60 0.00	40.39 2.20 0.00	41.53 2.37 0.00	44.46 2.72 0.00	51.02 4.20 -0.13	55.73 4.26 -3.22	75.42 5.75 -0.02	92.46 6.00 -19.48	149.49 6.56 -65.35	111.05 5.23 -46.97	93.01 5.80 -31.55	133.45 5.55 -77.44	278.97 9.92 -174.75	135.50 6.79 -64.81	102.50 9.84 4.68	62.73 4.71 7.91	64.34 3.68 3.65	75.81 3.56 -0.01	58.95 2.36 -0.01
BARRETT_IC_9 23700	46.76 3.44 0.00	48.25 3.42 0.00	45.16 3.29 0.00	41.89 2.93 0.00	40.28 2.68 0.00	44.08 2.60 0.00	40.39 2.20 0.00	41.53 2.37 0.00	44.46 2.72 0.00	51.02 4.20 -0.13	55.73 4.26 -3.22	75.42 5.75 -0.02	80.60 6.00 -7.63	94.44 6.56 -10.29	89.76 5.23 -25.68	91.87 5.80 -30.40	95.88 5.55 -39.86	161.45 9.92 -57.23	114.29 6.79 -43.59	23.38 9.84 83.80	36.68 4.71 33.97	47.83 3.68 20.16	75.81 3.56 -0.01	58.95 2.36 -0.01
BARRETT___1 23545	46.76 3.44 0.00	48.25 3.42 0.00	45.16 3.29 0.00	41.89 2.93 0.00	40.28 2.68 0.00	44.08 2.60 0.00	40.39 2.20 0.00	41.53 2.37 0.00	44.46 2.72 0.00	51.02 4.20 -0.13	55.73 4.26 -3.22	75.42 5.75 -0.02	92.46 6.00 -19.48	149.49 6.56 -65.35	111.05 5.23 -46.97	93.01 5.80 -31.55	133.45 5.55 -77.44	278.97 9.92 -174.75	135.50 6.79 -64.81	102.50 9.84 4.68	62.73 4.71 7.91	64.34 3.68 3.65	75.81 3.56 -0.01	58.95 2.36 -0.01
BARRETT___2 23546	46.76 3.44 0.00	48.25 3.42 0.00	45.16 3.29 0.00	41.89 2.93 0.00	40.28 2.68 0.00	44.08 2.60 0.00	40.39 2.20 0.00	41.53 2.37 0.00	44.46 2.72 0.00	51.02 4.20 -0.13	55.73 4.26 -3.22	75.42 5.75 -0.02	80.60 6.00 -7.63	94.44 6.56 -10.29	89.76 5.23 -25.68	91.87 5.80 -30.40	95.88 5.55 -39.86	161.45 9.92 -57.23	114.29 6.79 -43.59	23.38 9.84 83.80	36.68 4.71 33.97	47.83 3.68 20.16	75.81 3.56 -0.01	58.95 2.36 -0.01
BATAVIA___115KV_TB1 55881	44.18 0.86 0.00	45.10 0.27 0.00	42.00 0.13 0.00	39.04 0.09 0.00	37.95 0.34 0.00	41.82 0.34 0.00	38.01 -0.18 0.00	38.88 -0.28 0.00	41.81 0.06 0.00	47.20 0.52 0.00	48.45 0.19 0.00	70.72 1.07 0.00	68.76 1.79 0.00	80.35 2.78 0.00	61.24 2.39 0.00	57.73 2.06 0.00	52.82 2.36 0.00	100.89 6.58 0.00	68.09 4.18 0.00	101.57 4.23 0.00	67.83 1.90 0.00	66.40 2.09 0.00	74.60 2.35 0.00	58.85 2.27 0.00
BAYONEEC___CTG1 323682	46.68 3.36 0.00	48.08 3.24 0.00	45.17 3.30 0.00	42.01 3.05 0.00	40.44 2.83 0.00	44.26 2.78 0.00	40.74 2.55 0.00	41.97 2.80 0.00	44.90 3.16 0.00	51.25 4.43 -0.13	56.27 4.80 -3.22	76.35 6.69 -0.02	86.65 6.72 -12.96	146.79 7.74 -61.47	110.44 5.77 -45.82	94.07 6.26 -32.15	131.47 6.04 -74.97	272.09 11.23 -166.57	137.32 7.41 -66.00	112.07 11.02 -3.71	71.39 5.45 0.00	68.73 4.42 0.00	76.45 4.21 0.00	59.52 2.94 0.00
BAYONEEC___CTG10 323750	46.68 3.36 0.00	48.08 3.24 0.00	45.17 3.30 0.00	42.01 3.05 0.00	40.44 2.83 0.00	44.26 2.78 0.00	40.74 2.55 0.00	41.97 2.80 0.00	44.90 3.16 0.00	51.25 4.43 -0.13	56.27 4.80 -3.22	76.35 6.69 -0.02	86.65 6.72 -12.96	146.79 7.74 -61.47	110.44 5.77 -45.82	94.07 6.26 -32.15	131.47 6.04 -74.97	272.09 11.23 -166.57	137.32 7.41 -66.00	112.07 11.02 -3.71	71.39 5.45 0.00	68.73 4.42 0.00	76.45 4.21 0.00	59.52 2.94 0.00
BAYONEEC___CTG2 323683	46.68 3.36 0.00	48.08 3.24 0.00	45.17 3.30 0.00	42.01 3.05 0.00	40.44 2.83 0.00	44.26 2.78 0.00	40.74 2.55 0.00	41.97 2.80 0.00	44.90 3.16 0.00	51.25 4.43 -0.13	56.27 4.80 -3.22	76.35 6.69 -0.02	86.65 6.72 -12.96	146.79 7.74 -61.47	110.44 5.77 -45.82	94.07 6.26 -32.15	131.47 6.04 -74.97	272.09 11.23 -166.57	137.32 7.41 -66.00	112.07 11.02 -3.71	71.39 5.45 0.00	68.73 4.42 0.00	76.45 4.21 0.00	59.52 2.94 0.00
BAYONEEC___CTG3 323684	46.68 3.36 0.00	48.08 3.24 0.00	45.17 3.30 0.00	42.01 3.05 0.00	40.44 2.83 0.00	44.26 2.78 0.00	40.74 2.55 0.00	41.97 2.80 0.00	44.90 3.16 0.00	51.25 4.43 -0.13	56.27 4.80 -3.22	76.35 6.69 -0.02	86.65 6.72 -12.96	146.79 7.74 -61.47	110.44 5.77 -45.82	94.07 6.26 -32.15	131.47 6.04 -74.97	272.09 11.23 -166.57	137.32 7.41 -66.00	112.07 11.02 -3.71	71.39 5.45 0.00	68.73 4.42 0.00	76.45 4.21 0.00	59.52 2.94 0.00
BAYONEEC___CTG4 323685	46.68 3.36 0.00	48.08 3.24 0.00	45.17 3.30 0.00	42.01 3.05 0.00	40.44 2.83 0.00	44.26 2.78 0.00	40.74 2.55 0.00	41.97 2.80 0.00	44.90 3.16 0.00	51.25 4.43 -0.13	56.27 4.80 -3.22	76.35 6.69 -0.02	86.65 6.72 -12.96	146.79 7.74 -61.47	110.44 5.77 -45.82	94.07 6.26 -32.15	131.47 6.04 -74.97	272.09 11.23 -166.57	137.32 7.41 -66.00	112.07 11.02 -3.71	71.39 5.45 0.00	68.73 4.42 0.00	76.45 4.21 0.00	59.52 2.94 0.00
BAYONEEC___CTG5 323686	46.68 3.36 0.00	48.08 3.24 0.00	45.17 3.30 0.00	42.01 3.05 0.00	40.44 2.83 0.00	44.26 2.78 0.00	40.74 2.55 0.00	41.97 2.80 0.00	44.90 3.16 0.00	51.25 4.43 -0.13	56.27 4.80 -3.22	76.35 6.69 -0.02	86.65 6.72 -12.96	146.79 7.74 -61.47	110.44 5.77 -45.82	94.07 6.26 -32.15	131.47 6.04 -74.97	272.09 11.23 -166.57	137.32 7.41 -66.00	112.07 11.02 -3.71	71.39 5.45 0.00	68.73 4.42 0.00	76.45 4.21 0.00	59.52 2.94 0.00
BAYONEEC___CTG6 323687	46.68 3.36 0.00	48.08 3.24 0.00	45.17 3.30 0.00	42.01 3.05 0.00	40.44 2.83 0.00	44.26 2.78 0.00	40.74 2.55 0.00	41.97 2.80 0.00	44.90 3.16 0.00	51.25 4.43 -0.13	56.27 4.80 -3.22	76.35 6.69 -0.02	86.65 6.72 -12.96	146.79 7.74 -61.47	110.44 5.77 -45.82	94.07 6.26 -32.15	131.47 6.04 -74.97	272.09 11.23 -166.57	137.32 7.41 -66.00	112.07 11.02 -3.71	71.39 5.45 0.00	68.73 4.42 0.00	76.45 4.21 0.00	59.52 2.94 0.00
BAYONEEC___CTG7 323688	46.68 3.36 0.00	48.08 3.24 0.00	45.17 3.30 0.00	42.01 3.05 0.00	40.44 2.83 0.00	44.26 2.78 0.00	40.74 2.55 0.00	41.97 2.80 0.00	44.90 3.16 0.00	51.25 4.43 -0.13	56.27 4.80 -3.22	76.35 6.69 -0.02	86.65 6.72 -12.96	146.79 7.74 -61.47	110.44 5.77 -45.82	94.07 6.26 -32.15	131.47 6.04 -74.97	272.09 11.23 -166.57	137.32 7.41 -66.00	112.07 11.02 -3.71	71.39 5.45 0.00	68.73 4.42 0.00	76.45 4.21 0.00	59.52 2.94 0.00

BAYONEEC___CTG8 323689	46.68 3.36 0.00	48.08 3.24 0.00	45.17 3.30 0.00	42.01 3.05 0.00	40.44 2.83 0.00	44.26 2.78 0.00	40.74 2.55 0.00	41.97 2.80 0.00	44.90 3.16 0.00	51.25 4.43 -0.13	56.27 4.80 -3.22	76.35 6.69 -0.02	86.65 6.72 -12.96	146.79 7.74 -61.47	110.44 5.77 -45.82	94.07 6.26 -32.15	131.47 6.04 -74.97	272.09 11.23 -166.57	137.32 7.41 -66.00	112.07 11.02 -3.71	71.39 5.45 0.00	68.73 4.42 0.00	76.45 4.21 0.00	59.52 2.94 0.00
BAYONEEC___CTG9 323749	46.68 3.36 0.00	48.08 3.24 0.00	45.17 3.30 0.00	42.01 3.05 0.00	40.44 2.83 0.00	44.26 2.78 0.00	40.74 2.55 0.00	41.97 2.80 0.00	44.90 3.16 0.00	51.25 4.43 -0.13	56.27 4.80 -3.22	76.35 6.69 -0.02	86.65 6.72 -12.96	146.79 7.74 -61.47	110.44 5.77 -45.82	94.07 6.26 -32.15	131.47 6.04 -74.97	272.09 11.23 -166.57	137.32 7.41 -66.00	112.07 11.02 -3.71	71.39 5.45 0.00	68.73 4.42 0.00	76.45 4.21 0.00	59.52 2.94 0.00
BEACON___LESR 323632	44.35 1.03 0.00	45.77 0.94 0.00	42.97 1.10 0.00	39.98 1.02 0.00	38.61 1.00 0.00	42.44 0.96 0.00	39.06 0.87 0.00	39.95 0.79 0.00	42.53 0.78 0.00	47.58 0.98 0.09	46.90 0.96 2.32	71.02 1.39 0.01	66.26 1.08 1.78	78.57 1.33 0.34	59.62 0.88 0.11	57.03 1.37 0.00	52.19 1.72 0.00	98.17 3.87 0.00	66.64 2.73 0.00	101.58 4.24 0.00	68.22 2.29 0.00	65.82 1.51 0.00	73.52 1.28 0.00	57.02 0.44 0.00
BEAVER RIVER___HYD 24048	44.97 1.65 0.00	46.42 1.59 0.00	43.33 1.46 0.00	40.28 1.32 0.00	38.95 1.35 0.00	43.07 1.59 0.00	39.46 1.27 0.00	39.93 0.76 0.00	42.51 0.76 0.00	47.59 0.90 0.00	49.04 0.70 -0.09	71.66 0.87 -1.15	67.89 0.73 -0.19	80.58 0.96 -2.05	61.41 0.37 -2.19	55.89 0.12 -0.11	51.07 0.61 0.00	95.50 1.20 0.00	67.33 1.97 -1.44	102.79 3.87 -1.58	96.21 3.30 -26.99	83.44 3.44 -15.69	78.11 3.67 -2.20	61.30 2.62 -2.10
BEEBEE_GT_13 23619	43.53 0.21 0.00	44.60 -0.23 0.00	41.57 -0.30 0.00	38.69 -0.27 0.00	37.50 -0.10 0.00	41.33 -0.15 0.00	37.69 3.04 0.00	38.67 -0.50 0.00	41.57 -0.17 0.00	46.94 0.25 0.00	48.47 0.21 0.00	70.57 0.92 0.00	68.42 1.45 0.00	79.67 2.09 0.00	60.47 1.62 0.00	57.14 1.47 0.00	52.16 1.70 0.00	99.13 4.82 0.00	66.83 2.93 0.00	100.33 2.99 0.00	67.21 1.28 0.00	65.61 1.29 0.00	73.56 1.31 0.00	57.78 1.20 0.00
BENSHRST_27_KV_BENSHRST_1 355998	47.28 3.96 0.00	48.66 3.82 0.00	45.73 3.86 0.00	42.49 3.54 0.00	40.90 3.30 0.00	44.77 3.29 0.00	41.23 3.04 0.00	42.53 3.36 0.00	45.47 3.72 0.00	51.87 5.06 -0.13	56.96 5.49 -3.22	77.43 7.76 -0.02	87.67 7.75 -12.94	147.92 8.98 -61.37	111.14 6.54 -45.75	94.65 6.89 -32.10	131.91 6.59 -74.85	272.68 12.08 -166.30	138.01 8.21 -65.89	113.58 12.54 -3.70	72.27 6.34 0.00	69.59 5.28 0.00	77.39 5.15 0.00	60.32 3.74 0.00
BETHLEHEM___GRP 23843	43.66 0.34 0.00	45.13 0.29 0.00	42.37 0.50 0.00	39.42 0.47 0.00	38.05 0.45 0.00	41.83 0.35 0.00	38.45 0.27 0.00	39.30 0.13 0.00	41.89 0.14 0.00	46.78 0.18 0.09	46.30 0.22 2.17	69.79 0.15 0.01	65.31 0.01 1.67	77.19 -0.06 0.32	58.76 0.01 0.11	56.13 0.46 0.00	51.25 0.78 0.00	96.17 1.87 0.00	65.23 1.33 0.00	99.45 2.12 0.00	66.78 0.86 0.00	64.59 0.28 0.00	72.13 -0.11 0.00	56.08 -0.50 0.00
BETHLEHEM___GS1 323560	43.66 0.34 0.00	45.12 0.29 0.00	42.37 0.50 0.00	39.43 0.47 0.00	38.05 0.45 0.00	41.83 0.35 0.00	38.45 0.27 0.00	39.30 0.14 0.00	41.88 0.14 0.00	46.79 0.19 0.09	46.30 0.22 2.17	69.78 0.15 0.01	65.31 0.01 1.67	77.19 -0.06 0.32	58.76 0.01 0.11	56.13 0.46 0.00	51.26 0.79 0.00	96.17 1.87 0.00	65.23 1.33 0.00	99.42 2.09 0.00	66.79 0.86 0.00	64.59 0.28 0.00	72.13 -0.11 0.00	56.08 -0.50 0.00
BETHLEHEM___GS2 323561	43.66 0.34 0.00	45.12 0.29 0.00	42.37 0.50 0.00	39.43 0.47 0.00	38.05 0.45 0.00	41.83 0.35 0.00	38.45 0.27 0.00	39.30 0.14 0.00	41.88 0.14 0.00	46.79 0.19 0.09	46.30 0.22 2.17	69.78 0.15 0.01	65.31 0.01 1.67	77.19 -0.06 0.32	58.76 0.01 0.11	56.13 0.46 0.00	51.26 0.79 0.00	96.17 1.87 0.00	65.23 1.33 0.00	99.42 2.09 0.00	66.79 0.86 0.00	64.59 0.28 0.00	72.13 -0.11 0.00	56.08 -0.50 0.00
BETHLEHEM___GS3 323562	43.66 0.34 0.00	45.12 0.29 0.00	42.37 0.50 0.00	39.43 0.47 0.00	38.05 0.45 0.00	41.83 0.35 0.00	38.45 0.27 0.00	39.30 0.14 0.00	41.88 0.14 0.00	46.79 0.19 0.09	46.30 0.22 2.17	69.78 0.15 0.01	65.31 0.01 1.67	77.19 -0.06 0.32	58.76 0.01 0.11	56.13 0.46 0.00	51.26 0.79 0.00	96.17 1.87 0.00	65.23 1.33 0.00	99.42 2.09 0.00	66.79 0.86 0.00	64.59 0.28 0.00	72.13 -0.11 0.00	56.08 -0.50 0.00
BETHLEHEM___STEEL 23779	43.21 -0.11 0.00	44.11 -0.73 0.00	41.02 -0.85 0.00	38.14 -0.81 0.00	37.07 -0.54 0.00	40.76 -0.73 0.00	36.97 -1.22 0.00	37.91 -1.26 0.00	40.90 -0.84 0.00	46.33 -0.35 0.00	47.62 -0.63 0.00	69.52 -0.13 0.00	67.35 0.38 0.00	78.19 0.62 0.00	58.92 0.07 0.00	55.78 0.12 0.00	50.99 0.53 0.00	97.44 3.13 0.00	65.45 1.54 0.00	97.75 0.41 0.00	65.20 -0.72 0.00	64.00 -0.31 0.00	72.11 -0.13 0.00	56.95 0.37 0.00
BETHLHEM_115KV_TB1 79974	43.79 0.46 0.00	45.25 0.41 0.00	42.49 0.62 0.00	39.54 0.58 0.00	38.15 0.55 0.00	41.94 0.46 0.00	38.55 0.36 0.00	39.40 0.24 0.00	41.99 0.25 0.00	46.95 0.34 0.08	46.62 0.38 2.02	70.02 0.39 0.01	65.68 0.27 1.55	77.48 0.20 0.30	58.97 0.22 0.10	56.31 0.64 0.00	51.40 0.93 0.00	96.43 2.13 0.00	65.42 1.51 0.00	99.70 2.37 0.00	66.96 1.03 0.00	64.77 0.46 0.00	72.34 0.10 0.00	56.27 -0.31 0.00
BETHPAGE_CC_5 323564	46.86 3.54 0.00	48.51 3.67 0.00	45.37 3.50 0.00	42.06 3.11 0.00	40.43 2.83 0.00	44.23 2.75 0.00	40.55 2.36 0.00	41.68 2.51 0.00	44.63 2.88 0.00	51.29 4.47 -0.13	55.97 4.50 -3.22	75.45 6.01 0.21	85.04 6.37 -11.70	140.86 7.07 -56.21	107.26 5.57 -42.84	92.17 6.13 -30.37	127.45 6.04 -70.95	264.05 10.78 -158.96	136.17 7.34 -64.91	109.21 10.83 -1.04	68.42 5.29 2.80	66.22 4.09 2.17	74.04 3.57 1.77	58.79 2.36 0.15
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.29 -0.03 0.00	44.18 -0.65 0.00	41.08 -0.79 0.00	38.20 -0.76 0.00	37.13 -0.47 0.00	40.82 -0.66 0.00	37.04 -1.15 0.00	38.00 -1.16 0.00	41.00 -0.74 0.00	46.45 -0.23 0.00	47.78 -0.48 0.00	69.75 0.11 0.00	67.57 0.60 0.00	78.50 0.92 0.00	59.11 0.26 0.00	55.96 0.29 0.00	51.16 0.69 0.00	97.73 3.43 0.00	65.58 1.68 0.00	98.03 0.70 0.00	65.38 -0.55 0.00	64.17 -0.14 0.00	72.26 0.02 0.00	57.05 0.47 0.00
BINGHAMTON___COGEN 23790	43.80 0.48 0.00	45.06 0.23 0.00	42.16 0.29 0.00	39.24 0.28 0.00	38.00 0.39 0.00	41.67 0.19 0.00	38.19 0.00 0.00	39.23 0.07 0.00	41.77 0.02 0.00	46.63 -0.06 0.00	48.33 0.08 0.00	70.09 0.44 0.00	68.08 0.62 -0.49	81.43 1.03 -2.82	61.45 0.49 -2.11	57.82 0.66 -1.49	54.85 0.92 -3.47	105.01 3.00 -7.70	68.85 1.89 -3.05	99.94 2.43 -0.17	67.26 1.33 0.00	65.51 1.20 0.00	73.11 0.88 0.00	57.01 0.43 0.00

BIXINCNT_115KV_LOAD 355685	43.80 0.47 0.00	44.66 -0.17 0.00	41.46 -0.41 0.00	38.56 -0.40 0.00	37.58 -0.03 0.00	41.25 -0.23 0.00	37.55 -0.64 0.00	38.61 -0.55 0.00	41.67 -0.08 0.00	47.04 0.35 0.00	48.35 0.10 0.00	70.40 0.75 0.00	68.03 1.06 0.00	78.96 1.38 0.00	59.14 0.29 0.00	55.87 0.20 0.00	51.10 0.63 0.00	98.22 3.92 0.00	64.93 1.03 0.00	98.47 1.14 0.00	65.24 -0.69 0.00	64.27 -0.05 0.00	72.11 -0.14 0.00	56.86 0.28 0.00
BLACK RIVER___HYD 24047	45.35 2.03 0.00	46.70 1.87 0.00	43.64 1.77 0.00	40.60 1.64 0.00	39.27 1.66 0.00	43.40 1.92 0.00	39.71 1.52 0.00	40.16 0.99 0.00	42.80 1.06 0.00	47.93 1.24 0.00	49.36 0.95 -0.15	72.88 1.17 -2.06	68.38 1.07 -0.35	82.68 1.42 -3.69	63.46 0.66 -3.95	56.37 0.51 -0.19	51.55 1.08 0.00	96.93 2.63 0.00	70.01 3.51 -2.60	106.45 6.26 -2.85	89.82 5.06 -18.83	82.80 4.91 -13.57	81.35 5.15 -3.95	63.81 3.45 -3.78
BLACKRVR_115KV_TB2 79977	45.35 2.03 0.00	46.70 1.87 0.00	43.64 1.77 0.00	40.60 1.64 0.00	39.27 1.66 0.00	43.40 1.92 0.00	39.71 1.52 0.00	40.16 0.99 0.00	42.80 1.06 0.00	47.93 1.24 0.00	49.35 0.95 -0.15	72.88 1.17 -2.06	68.38 1.07 -0.35	82.69 1.42 -3.69	63.46 0.66 -3.95	56.37 0.51 -0.19	51.55 1.08 0.00	96.93 2.63 0.00	70.02 3.51 -2.60	106.42 6.23 -2.85	89.82 5.06 -18.83	82.80 4.91 -13.57	81.35 5.16 -3.95	63.81 3.45 -3.78
BLDWN_LI_69_KV_BK4 356085	47.21 3.89 0.00	48.71 3.87 0.00	45.54 3.67 0.00	42.23 3.27 0.00	40.59 2.99 0.00	44.43 2.94 0.00	40.72 2.53 0.00	41.88 2.72 0.00	44.90 3.15 0.00	51.52 4.70 -0.13	56.33 4.86 -3.22	76.36 6.69 -0.02	88.41 6.95 -14.49	146.11 7.48 -61.05	110.23 5.91 -45.47	93.93 6.43 -31.83	131.30 6.36 -74.47	271.18 11.42 -165.46	136.64 7.75 -64.99	109.23 11.68 -0.22	69.34 5.77 2.36	67.92 4.79 1.18	76.72 4.47 0.00	59.58 3.00 0.00
BLISS_WT_PWR 323608	43.29 0.51 0.54	43.02 -0.15 1.66	41.39 -0.42 0.06	38.54 -0.42 0.00	37.57 -0.04 0.00	41.24 -0.24 0.00	37.56 -0.62 0.00	38.63 -0.54 0.00	41.70 -0.04 0.00	47.08 0.39 0.00	48.43 0.18 0.00	70.45 0.81 0.00	68.07 1.10 0.00	78.97 1.39 0.00	59.11 0.25 0.00	55.79 0.12 0.00	51.04 0.57 0.00	98.22 3.92 0.00	64.69 0.78 0.00	98.61 1.28 0.00	65.14 -0.79 0.00	64.18 -0.13 0.00	71.98 -0.27 0.00	56.74 0.16 0.00
BLUESTONE___WT_PWR 323821	45.97 2.53 -0.12	47.57 2.38 -0.36	44.13 2.25 -0.01	41.03 2.07 0.00	39.66 2.06 0.00	43.23 1.75 0.00	39.59 1.40 0.00	40.63 1.47 0.00	43.24 1.50 0.00	48.33 1.65 0.00	50.22 1.96 0.00	73.63 3.98 0.00	76.38 4.20 -5.21	109.07 5.15 -26.35	82.12 3.60 -19.67	72.98 3.49 -13.82	86.37 3.68 -32.22	173.63 7.72 -71.61	98.03 5.75 -28.37	106.02 7.09 -1.59	69.35 3.42 0.00	66.67 2.36 0.00	73.30 1.06 0.00	58.10 1.52 0.00
BLUE_CIRC_CHEM_DRP 24182	44.29 0.97 0.00	45.80 0.97 0.00	43.03 1.16 0.00	40.05 1.10 0.00	38.66 1.05 0.00	42.50 1.02 0.00	38.96 0.77 0.00	39.68 0.51 0.00	42.16 0.41 0.00	47.05 0.41 0.05	47.44 0.42 1.24	70.12 0.48 0.01	66.10 0.09 0.97	64.80 -0.87 11.90	32.93 -0.86 25.06	51.66 -0.44 3.57	43.69 -0.07 6.70	87.22 0.49 7.57	64.46 0.55 0.00	98.35 1.02 0.00	66.24 0.31 0.00	64.18 -0.13 0.00	71.74 -0.50 0.00	55.84 -0.74 0.00
BOC_GAS_DRP 24189	44.10 0.77 0.00	45.58 0.75 0.00	42.80 0.93 0.00	39.83 0.87 0.00	38.43 0.82 0.00	42.24 0.76 0.00	38.76 0.57 0.00	39.64 0.48 0.00	42.26 0.52 0.00	47.38 0.74 0.05	47.93 0.82 1.14	70.67 1.03 0.01	67.02 0.94 0.89	79.07 0.95 -0.55	61.05 0.72 -1.47	56.97 1.08 -0.22	52.15 1.27 -0.41	97.40 2.63 -0.46	65.70 1.80 0.00	100.13 2.79 0.00	67.26 1.33 0.00	65.14 0.83 0.00	72.80 0.56 0.00	56.69 0.11 0.00
BOONVILLE_115KV_TB1 79983	44.73 1.41 0.00	46.15 1.32 0.00	43.14 1.27 0.00	40.13 1.17 0.00	38.80 1.20 0.00	42.81 1.32 0.00	39.29 1.11 0.00	40.00 0.84 0.00	42.54 0.80 0.00	47.64 0.96 0.00	49.17 0.91 0.00	70.98 1.34 0.00	68.28 1.31 0.00	79.29 1.71 0.00	60.05 1.20 0.00	56.88 1.21 0.00	52.03 1.57 0.00	97.87 3.57 0.00	66.79 2.89 0.00	102.03 4.69 0.00	79.29 3.30 -10.06	72.48 3.20 -4.96	75.41 3.17 0.00	58.73 2.15 0.00
BORALEX_4TH_BRANCH 23824	45.52 2.20 0.00	47.35 2.52 0.00	44.65 2.79 0.00	41.45 2.49 0.00	39.93 2.33 0.00	44.24 2.76 0.00	40.72 2.54 0.00	41.82 2.65 0.00	43.82 2.07 0.00	48.04 1.99 0.63	34.49 1.85 15.62	72.75 3.18 0.08	57.53 2.46 11.90	78.28 2.98 2.28	60.21 2.11 0.75	58.32 2.65 0.00	52.86 2.39 0.00	99.01 4.71 0.00	67.27 3.37 0.00	102.89 5.56 0.00	69.17 3.24 0.00	66.60 2.29 0.00	74.50 2.26 0.00	57.69 1.11 0.00
BOWLINE___1 23526	46.01 2.68 0.00	47.40 2.57 0.00	44.49 2.62 0.00	41.40 2.44 0.00	39.89 2.28 0.00	43.73 2.25 0.00	40.19 2.00 0.00	41.33 2.16 0.00	44.11 2.37 0.00	50.36 3.55 -0.13	55.37 3.93 -3.18	75.16 5.49 -0.02	88.94 5.61 -16.36	165.46 6.61 -81.27	124.51 5.00 -60.65	103.77 5.52 -42.59	155.17 5.39 -99.31	325.05 10.08 -220.67	158.00 6.65 -87.44	112.05 9.80 -4.91	70.52 4.59 0.00	67.95 3.64 0.00	75.63 3.39 0.00	58.86 2.28 0.00
BOWLINE___2 23595	45.93 2.61 0.00	47.32 2.49 0.00	44.42 2.56 0.00	41.35 2.40 0.00	39.85 2.24 0.00	43.67 2.19 0.00	40.15 1.96 0.00	41.29 2.12 0.00	44.06 2.31 0.00	50.28 3.47 -0.13	55.29 3.85 -3.18	75.04 5.37 -0.02	88.81 5.49 -16.35	165.29 6.48 -81.24	124.38 4.90 -60.63	103.66 5.42 -42.57	155.04 5.30 -99.27	324.81 9.91 -220.59	157.86 6.54 -87.41	111.88 9.63 -4.91	70.42 4.48 0.00	67.83 3.52 0.00	75.52 3.28 0.00	58.76 2.18 0.00
BRADY___115KV_TB2 356060	44.10 0.78 0.00	45.84 1.00 0.00	42.52 0.65 0.00	39.46 0.51 0.00	38.09 0.48 0.00	42.31 0.83 0.00	38.98 0.80 0.00	39.78 0.61 0.00	42.39 0.64 0.00	47.40 0.72 0.00	48.68 0.42 0.00	70.08 0.44 0.00	67.11 0.14 0.00	77.76 0.18 0.00	58.81 -0.04 0.00	54.81 -0.86 0.00	49.14 -1.32 0.00	89.97 -4.33 0.00	61.23 -2.67 0.00	94.86 -2.48 0.00	159.50 -0.56 -94.12	110.92 0.17 -46.44	73.50 1.26 0.00	58.08 1.50 0.00
BRANSCOMB___SOLAR 323811	45.23 1.91 0.00	46.81 1.97 0.00	44.01 2.14 0.00	40.91 1.95 0.00	39.46 1.86 0.00	43.56 2.08 0.00	39.99 1.80 0.00	40.88 1.71 0.00	43.10 1.35 0.00	47.82 1.36 0.22	44.01 1.22 5.47	71.87 2.25 0.03	64.61 1.82 4.18	79.01 2.24 0.80	60.30 1.71 0.26	57.94 2.27 0.00	52.91 2.45 0.00	99.81 5.51 0.00	68.14 4.23 0.00	104.26 6.93 0.00	70.29 4.36 0.00	67.85 3.54 0.00	75.61 3.37 0.00	58.68 2.10 0.00
BRDGHMPT_69_KV_BK1 55812	48.06 4.74 0.00	49.63 4.80 0.00	46.31 4.44 0.00	42.84 3.88 0.00	41.13 3.52 0.00	44.89 3.41 0.00	41.17 2.98 0.00	42.42 3.25 0.00	45.53 3.79 0.00	52.68 5.87 -0.13	57.54 6.06 -3.22	77.31 8.32 0.65	86.15 8.80 -10.38	141.17 10.38 -53.21	107.91 7.94 -41.12	93.48 8.53 -29.28	127.61 8.40 -68.75	265.88 14.29 -157.28	152.07 10.11 -78.06	115.48 15.70 -2.45	70.68 8.12 3.37	67.14 6.10 3.28	74.55 5.35 3.05	59.95 3.64 0.27

BRENTWOD_69_KV_W. BRTWOOD 56703	47.14 3.81 0.00	48.77 3.94 0.00	45.61 3.74 0.00	42.25 3.29 0.00	40.59 2.98 0.00	44.39 2.90 0.00	40.65 2.47 0.00	41.75 2.59 0.00	44.68 2.94 0.00	51.44 4.62 -0.13	56.25 4.77 -3.22	75.40 6.24 0.49	83.78 6.54 -10.27	136.52 7.19 -51.75	104.47 5.42 -40.20	90.23 5.97 -28.59	124.14 6.01 -67.66	258.82 10.58 -153.94	136.19 7.47 -64.82	110.03 11.82 -0.88	67.00 5.76 4.69	64.65 4.29 3.96	72.74 3.73 3.23	58.73 2.48 0.34
BRISTLHL_115KV_TB1 79998	42.63 -0.69 0.00	43.83 -1.00 0.00	41.05 -0.82 0.00	38.23 -0.72 0.00	36.96 -0.65 0.00	40.64 -0.85 0.00	37.37 -0.81 0.00	38.32 -0.84 0.00	40.83 -0.92 0.00	45.72 -0.97 0.00	47.76 -0.87 -0.38	73.64 -1.13 -5.13	66.94 -0.89 -0.86	85.90 -0.87 -9.19	68.08 -0.60 -9.82	55.73 -0.41 -0.48	50.38 -0.09 0.00	94.83 0.53 0.00	70.79 0.42 -6.46	104.79 0.37 -7.09	66.79 -0.03 -0.89	75.20 -0.20 -11.08	81.47 -0.60 -9.82	65.32 -0.66 -9.40
BROOKHAVEN___DRP 24191	46.66 3.34 0.00	48.28 3.44 0.00	45.11 3.24 0.00	41.76 2.80 0.00	40.10 2.50 0.00	43.83 2.35 0.00	40.17 1.99 0.00	41.27 2.10 0.00	44.12 2.38 0.00	50.91 4.09 -0.13	55.72 4.25 -3.22	74.58 5.57 0.64	83.42 6.04 -10.41	137.86 6.98 -53.31	105.49 5.45 -41.18	91.12 6.12 -29.32	125.42 6.13 -68.82	262.18 10.58 -157.30	148.83 7.39 -77.53	111.36 11.64 -2.38	68.12 5.53 3.34	65.04 3.96 3.23	72.35 3.11 3.00	58.18 1.86 0.26
BROOKLYN_NAVY_YARD 23515	46.71 3.38 0.00	48.10 3.26 0.00	45.18 3.31 0.00	42.01 3.05 0.00	40.44 2.83 0.00	44.27 2.78 0.00	40.75 2.56 0.00	41.98 2.82 0.00	44.94 3.19 0.00	51.25 4.44 -0.13	56.29 4.82 -3.22	76.44 6.78 -0.02	86.89 6.80 -13.12	148.08 7.85 -62.65	110.97 5.84 -46.28	94.17 6.33 -32.18	132.39 6.15 -75.78	274.89 11.46 -169.13	137.89 7.52 -66.46	113.92 11.15 -5.44	72.03 5.53 -0.57	69.16 4.49 -0.36	76.56 4.32 0.00	59.56 2.98 0.00
BROOKLYN___ARMY_DRP 323595	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.27 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.24 3.08 0.00	45.14 3.39 0.00	51.49 4.67 -0.13	56.54 5.07 -3.22	76.77 7.11 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.55 5.95 -45.75	94.08 6.32 -32.10	131.40 6.08 -74.85	271.68 11.08 -166.30	137.37 7.57 -65.89	112.63 11.60 -3.70	71.63 5.70 0.00	68.96 4.64 0.00	76.70 4.46 0.00	59.81 3.23 0.00
BROOME_2_LFGE 323671	43.93 0.47 -0.14	45.49 0.23 -0.43	42.18 0.29 -0.02	39.24 0.28 0.00	38.00 0.39 0.00	41.67 0.19 0.00	38.19 0.00 0.00	39.24 0.07 0.00	41.77 0.03 0.00	46.63 -0.06 0.00	48.34 0.08 0.00	70.08 0.43 0.00	68.08 0.63 -0.49	81.43 1.03 -2.82	61.45 0.49 -2.11	57.81 0.66 -1.49	54.84 0.91 -3.47	105.01 3.00 -7.70	68.85 1.89 -3.05	99.98 2.48 -0.17	67.26 1.33 0.00	65.51 1.20 0.00	73.11 0.87 0.00	57.01 0.43 0.00
BROOME___LFGE 323600	43.93 0.47 -0.14	45.49 0.23 -0.43	42.18 0.29 -0.02	39.24 0.28 0.00	38.00 0.39 0.00	41.67 0.19 0.00	38.19 0.00 0.00	39.24 0.07 0.00	41.77 0.03 0.00	46.63 -0.06 0.00	48.34 0.08 0.00	70.08 0.43 0.00	68.08 0.63 -0.49	81.43 1.03 -2.82	61.45 0.49 -2.11	57.81 0.66 -1.49	54.84 0.91 -3.47	105.01 3.00 -7.70	68.85 1.89 -3.05	99.98 2.48 -0.17	67.26 1.33 0.00	65.51 1.20 0.00	73.11 0.87 0.00	57.01 0.43 0.00
BROWNFLS_115KV_TB_3_5 80003	44.47 1.15 0.00	46.04 1.21 0.00	42.87 1.00 0.00	39.81 0.85 0.00	38.46 0.85 0.00	42.62 1.14 0.00	39.15 0.96 0.00	39.66 0.50 0.00	42.24 0.50 0.00	47.39 0.71 0.00	48.76 0.45 -0.06	70.92 0.49 -0.78	67.36 0.26 -0.13	79.36 0.40 -1.38	60.25 -0.08 -1.48	55.09 -0.65 -0.07	49.92 -0.54 0.00	92.35 -1.95 0.00	64.38 -0.51 -0.98	98.54 0.13 -1.07	115.49 0.98 -48.58	91.38 1.48 -25.59	76.00 2.27 -1.49	59.91 1.91 -1.43
BROWNSV1_27_KV_LOAD 356125	47.56 4.24 0.00	48.92 4.09 0.00	45.94 4.07 0.00	42.69 3.73 0.00	41.10 3.49 0.00	44.97 3.49 0.00	41.39 3.21 0.00	42.67 3.50 0.00	45.68 3.94 0.00	52.08 5.27 -0.13	57.05 5.58 -3.22	77.53 7.87 -0.02	87.81 7.88 -12.96	148.19 9.14 -61.47	111.50 6.83 -45.82	95.10 7.28 -32.15	132.44 7.00 -74.97	273.92 13.06 -166.57	138.50 8.60 -66.00	113.94 12.90 -3.71	72.58 6.64 0.00	69.87 5.56 0.00	77.68 5.44 0.00	60.44 3.86 0.00
BURROWS___LYONSDAL 23803	44.78 1.46 0.00	46.19 1.36 0.00	43.17 1.31 0.00	40.16 1.20 0.00	38.83 1.22 0.00	42.86 1.38 0.00	39.31 1.13 0.00	39.95 0.79 0.00	42.50 0.75 0.00	47.59 0.90 0.00	49.13 0.83 -0.04	71.37 1.19 -0.54	68.20 1.14 -0.09	80.04 1.50 -0.96	60.83 0.96 -1.02	56.63 0.92 -0.05	51.79 1.32 0.00	97.27 2.97 0.00	67.23 2.64 -0.68	102.54 4.46 -0.74	82.63 3.26 -13.43	75.30 3.24 -7.74	76.49 3.22 -1.03	59.78 2.22 -0.98
CAITHNESS_CC_1 323624	46.61 3.29 0.00	48.23 3.40 0.00	45.07 3.20 0.00	41.73 2.77 0.00	40.09 2.48 0.00	43.81 2.33 0.00	40.16 1.97 0.00	41.23 2.07 0.00	44.08 2.33 0.00	50.85 4.03 -0.13	55.61 4.14 -3.22	74.46 5.45 0.63	83.30 5.89 -10.44	137.70 6.72 -53.40	105.37 5.28 -41.24	90.99 5.95 -29.37	125.25 5.89 -68.89	261.79 10.17 -157.32	148.02 7.10 -77.01	110.38 10.73 -2.31	67.87 5.26 3.32	64.89 3.77 3.19	72.26 2.97 2.95	58.08 1.76 0.26
CALPINE BETH_PAGE_GT4 24209	46.89 3.57 0.00	48.59 3.76 0.00	45.45 3.58 0.00	42.14 3.18 0.00	40.50 2.90 0.00	44.32 2.84 0.00	40.63 2.44 0.00	41.77 2.61 0.00	44.73 2.98 0.00	51.40 4.59 -0.13	56.05 4.58 -3.22	75.80 6.13 -0.02	85.84 6.50 -12.37	142.66 7.25 -57.83	108.32 5.68 -43.79	92.88 6.24 -30.97	128.82 6.21 -72.15	266.28 11.07 -160.91	136.40 7.51 -64.99	110.07 11.47 -1.26	69.30 5.47 2.10	67.01 4.23 1.54	74.94 3.76 1.06	58.96 2.47 0.09
CALPINE_BETH_PAGE_GT_4 323586	46.89 3.57 0.00	48.59 3.76 0.00	45.45 3.58 0.00	42.14 3.19 0.00	40.50 2.90 0.00	44.32 2.84 0.00	40.63 2.44 0.00	41.77 2.61 0.00	44.73 2.98 0.00	51.41 4.59 -0.13	56.02 4.55 -3.22	75.80 6.13 -0.02	85.84 6.50 -12.37	142.62 7.21 -57.83	108.31 5.67 -43.79	92.88 6.24 -30.97	128.73 6.12 -72.15	266.19 10.98 -160.91	136.35 7.46 -64.99	109.62 11.02 -1.26	69.23 5.40 2.10	66.99 4.22 1.54	74.94 3.76 1.06	58.96 2.47 0.09
CALPINE_BP_GT1 23823	46.89 3.57 0.00	48.59 3.76 0.00	45.45 3.58 0.00	42.14 3.19 0.00	40.50 2.90 0.00	44.32 2.84 0.00	40.63 2.44 0.00	41.77 2.61 0.00	44.73 2.98 0.00	51.41 4.59 -0.13	56.02 4.55 -3.22	75.80 6.13 -0.02	85.84 6.50 -12.37	142.62 7.21 -57.83	108.31 5.67 -43.79	92.88 6.24 -30.97	128.73 6.12 -72.15	266.19 10.98 -160.91	136.35 7.46 -64.99	109.62 11.02 -1.26	69.23 5.40 2.10	66.99 4.22 1.54	74.94 3.76 1.06	58.96 2.47 0.09
CALSPAN___DRP 24200	43.21 -0.11 0.00	44.11 -0.73 0.00	41.02 -0.85 0.00	38.14 -0.81 0.00	37.07 -0.54 0.00	40.76 -0.73 0.00	36.97 -1.22 0.00	37.91 -1.26 0.00	40.90 -0.84 0.00	46.33 -0.35 0.00	47.62 -0.63 0.00	69.52 -0.13 0.00	67.35 0.38 0.00	78.19 0.62 0.00	58.92 0.07 0.00	55.78 0.12 0.00	50.99 0.53 0.00	97.44 3.13 0.00	65.45 1.54 0.00	97.75 0.41 0.00	65.20 -0.72 0.00	64.00 -0.31 0.00	72.11 -0.13 0.00	56.95 0.37 0.00

CALVERTON___SOLAR 323806	46.80 3.48 0.00	48.40 3.57 0.00	45.21 3.34 0.00	41.85 2.89 0.00	40.19 2.58 0.00	43.92 2.44 0.00	40.26 2.07 0.00	41.36 2.20 0.00	44.24 2.49 0.00	51.09 4.27 -0.13	55.88 4.41 -3.22	74.83 5.83 0.65	83.68 6.31 -10.40	138.17 7.32 -53.27	105.75 5.74 -41.16	91.37 6.40 -29.31	125.56 6.30 -68.80	262.52 10.93 -157.30	149.34 7.70 -77.73	111.33 11.59 -2.40	68.38 5.80 3.35	65.28 4.21 3.25	72.61 3.38 3.01	58.39 2.07 0.26
CANDIGU_WT_PWR 323617	43.93 0.34 -0.27	45.54 -0.13 -0.83	41.62 -0.28 -0.03	38.65 -0.31 0.00	37.55 -0.05 0.00	41.04 -0.44 0.00	37.49 -0.70 0.00	38.41 -0.76 0.00	40.92 -0.82 0.00	45.84 -0.85 0.00	47.35 -0.90 0.00	69.19 -0.46 0.00	67.08 0.11 0.00	77.72 0.14 0.00	58.48 -0.37 0.00	55.51 -0.16 0.00	50.95 0.49 0.00	97.57 3.27 0.00	65.67 1.76 0.00	98.83 1.49 0.00	65.75 -0.18 0.00	64.17 -0.14 0.00	71.82 -0.42 0.00	55.91 -0.67 0.00
CARR STREET_E_SYR 24060	43.04 -0.28 0.00	44.34 -0.49 0.00	41.45 -0.42 0.00	38.59 -0.37 0.00	37.32 -0.29 0.00	41.06 -0.42 0.00	37.70 -0.48 0.00	38.67 -0.49 0.00	41.26 -0.49 0.00	46.16 -0.53 0.00	47.85 -0.41 0.00	69.31 -0.33 0.00	66.90 -0.07 0.00	77.71 0.14 0.00	58.97 0.12 0.00	56.00 0.33 0.00	51.04 0.57 0.00	96.15 1.85 0.00	65.14 1.23 0.00	98.86 1.53 0.00	66.64 0.71 0.00	64.82 0.50 0.00	72.41 0.17 0.00	56.50 -0.08 0.00
CARTHAGE___PAPER 23857	45.38 2.06 0.00	46.81 1.97 0.00	43.69 1.82 0.00	40.62 1.67 0.00	39.29 1.69 0.00	43.45 1.97 0.00	39.79 1.61 0.00	40.26 1.09 0.00	42.85 1.10 0.00	47.96 1.27 0.00	49.36 0.98 -0.13	72.59 1.24 -1.71	68.35 1.10 -0.29	82.06 1.42 -3.05	62.80 0.69 -3.26	56.29 0.46 -0.16	51.43 0.97 0.00	96.41 2.10 0.00	68.97 2.91 -2.15	105.11 5.42 -2.36	92.37 4.46 -21.98	83.18 4.48 -14.39	80.30 4.79 -3.27	63.05 3.34 -3.13
CASSADAGA_WT_PWR 323784	43.80 1.00 0.52	43.43 0.20 1.61	41.63 -0.18 0.06	38.72 -0.24 0.00	37.57 -0.03 0.00	41.26 -0.22 0.00	37.74 -0.45 0.00	39.21 0.05 0.00	42.21 0.47 0.00	47.67 0.98 0.00	49.32 1.06 0.00	71.91 2.26 0.00	69.20 2.23 0.00	80.18 2.60 0.00	60.34 1.49 0.00	56.49 0.82 0.00	51.77 1.31 0.00	99.35 5.05 0.00	65.28 1.37 0.00	96.72 -0.61 0.00	64.99 -0.94 0.00	63.70 -0.61 0.00	71.78 -0.46 0.00	56.43 -0.15 0.00
CE_DUNWOOD___DRP 24194	46.35 3.03 0.00	47.76 2.93 0.00	44.84 2.97 0.00	41.69 2.73 0.00	40.15 2.54 0.00	43.99 2.51 0.00	40.46 2.28 0.00	41.64 2.47 0.00	44.49 2.75 0.00	50.75 3.93 -0.13	55.81 4.33 -3.22	75.71 6.05 -0.02	86.59 6.08 -13.54	149.47 7.08 -64.81	112.54 5.36 -48.33	95.45 5.87 -33.91	135.27 5.73 -79.08	280.70 10.70 -175.70	140.61 7.08 -69.62	111.82 10.57 -3.91	71.08 5.15 0.00	68.45 4.14 0.00	76.13 3.89 0.00	59.22 2.64 0.00
CE_MILLWOOD___DRP 24193	46.20 2.88 0.00	47.63 2.79 0.00	44.71 2.84 0.00	41.57 2.61 0.00	40.03 2.43 0.00	43.90 2.42 0.00	40.36 2.18 0.00	41.52 2.35 0.00	44.34 2.60 0.00	50.58 3.76 -0.13	55.61 4.14 -3.21	75.45 5.78 -0.02	87.07 5.84 -14.26	153.38 6.83 -68.96	115.46 5.17 -51.44	97.45 5.67 -36.10	140.20 5.55 -84.19	291.73 10.38 -187.05	144.89 6.87 -74.12	111.75 10.25 -4.16	70.88 4.95 0.00	68.26 3.95 0.00	75.92 3.68 0.00	59.07 2.49 0.00
CE_NYC2_DRP 24202	46.79 3.47 0.00	48.20 3.37 0.00	45.29 3.42 0.00	42.09 3.13 0.00	40.53 2.92 0.00	44.36 2.88 0.00	40.86 2.68 0.00	42.16 2.99 0.00	45.10 3.36 0.00	51.46 4.64 -0.13	56.51 5.04 -3.22	76.52 6.86 -0.02	86.74 6.83 -12.94	146.78 7.84 -61.37	110.45 5.86 -45.75	94.08 6.31 -32.10	131.34 6.03 -74.85	271.59 10.99 -166.30	137.19 7.39 -65.89	112.15 11.12 -3.70	71.37 5.44 0.00	68.65 4.34 0.00	76.32 4.09 0.00	59.53 2.95 0.00
CE_NYC_DRP 24195	46.76 3.43 0.00	48.14 3.31 0.00	45.23 3.36 0.00	42.06 3.10 0.00	40.50 2.89 0.00	44.33 2.85 0.00	40.80 2.62 0.00	42.04 2.87 0.00	44.99 3.24 0.00	51.35 4.54 -0.13	56.42 4.95 -3.22	76.58 6.91 -0.02	86.86 6.93 -12.97	147.08 8.02 -61.49	110.67 5.98 -45.84	94.31 6.48 -32.16	131.75 6.29 -75.00	272.64 11.71 -166.63	137.63 7.70 -66.03	112.58 11.53 -3.71	71.65 5.71 0.00	68.95 4.64 0.00	76.68 4.44 0.00	59.69 3.11 0.00
CHAFFEE___LFGE 323603	42.88 0.05 0.49	42.76 -0.57 1.50	41.09 -0.72 0.06	38.26 -0.70 0.00	37.18 -0.42 0.00	40.89 -0.59 0.00	37.09 -1.09 0.00	38.09 -1.08 0.00	41.10 -0.64 0.00	46.54 -0.15 0.00	47.92 -0.34 0.00	69.90 0.26 0.00	67.67 0.70 0.00	78.61 1.03 0.00	59.25 0.39 0.00	56.13 0.46 0.00	51.32 0.86 0.00	98.06 3.76 0.00	65.86 1.96 0.00	98.55 1.22 0.00	65.63 -0.30 0.00	64.40 0.08 0.00	72.47 0.23 0.00	57.19 0.61 0.00
CHATEAUG_35_KV_LOAD 355732	43.50 0.18 0.00	45.12 0.28 0.00	41.84 -0.03 0.00	38.74 -0.22 0.00	37.35 -0.26 0.00	41.50 0.01 0.00	38.37 0.19 0.00	39.40 0.23 0.00	42.02 0.27 0.00	46.95 0.27 0.00	48.27 0.02 0.00	69.41 -0.24 0.00	66.30 -0.67 0.00	76.71 -0.87 0.00	58.10 -0.76 0.00	54.33 -1.34 0.00	48.67 -1.80 0.00	89.96 -4.34 0.00	61.01 -2.89 0.00	93.51 -3.82 0.00	69.04 -2.08 -5.18	65.38 -1.49 -2.56	71.44 -0.80 0.00	56.48 -0.10 0.00
CHATEAUG_WT_PWR 323614	43.49 0.17 0.00	45.10 0.26 0.00	41.84 -0.03 0.00	38.76 -0.20 0.00	37.37 -0.24 0.00	41.48 0.00 0.00	38.37 0.18 0.00	39.44 0.27 0.00	42.03 0.28 0.00	46.94 0.25 0.00	48.28 0.03 0.00	69.40 -0.25 0.00	66.24 -0.72 0.00	76.63 -0.94 0.00	58.02 -0.83 0.00	54.31 -1.36 0.00	48.67 -1.79 0.00	90.04 -4.26 0.00	61.08 -2.83 0.00	93.52 -3.81 0.00	63.70 -2.23 0.00	62.64 -1.68 0.00	71.20 -1.04 0.00	56.33 -0.25 0.00
CHAT_HIGH_FALL_HYD 323578	43.50 0.18 0.00	45.12 0.28 0.00	41.84 -0.03 0.00	38.74 -0.22 0.00	37.35 -0.26 0.00	41.50 0.01 0.00	38.37 0.19 0.00	39.40 0.23 0.00	42.02 0.27 0.00	46.95 0.27 0.00	48.27 0.02 0.00	69.41 -0.24 0.00	66.30 -0.67 0.00	76.71 -0.87 0.00	58.10 -0.76 0.00	54.33 -1.34 0.00	48.67 -1.80 0.00	89.96 -4.34 0.00	61.01 -2.89 0.00	93.51 -3.82 0.00	69.04 -2.08 -5.18	65.38 -1.49 -2.56	71.44 -0.80 0.00	56.48 -0.10 0.00
CHAUTAUQUA___LFGE 323629	43.28 0.47 0.51	43.04 -0.24 1.56	41.32 -0.49 0.06	38.48 -0.48 0.00	37.39 -0.21 0.00	41.02 -0.46 0.00	37.38 -0.80 0.00	38.42 -0.74 0.00	41.31 -0.44 0.00	46.73 0.04 0.00	48.31 0.06 0.00	70.54 0.89 0.00	68.02 1.05 0.00	79.03 1.46 0.00	59.44 0.59 0.00	56.16 0.50 0.00	51.46 1.00 0.00	98.85 4.55 0.00	65.60 1.69 0.00	97.65 0.31 0.00	65.16 -0.77 0.00	64.05 -0.26 0.00	72.09 -0.15 0.00	56.74 0.16 0.00
CHERRYST_13_KV_LD 356241	46.92 3.60 0.00	48.30 3.46 0.00	45.37 3.51 0.00	42.20 3.24 0.00	40.62 3.02 0.00	44.48 3.00 0.00	40.95 2.77 0.00	42.21 3.04 0.00	45.19 3.44 0.00	51.60 4.78 -0.13	56.69 5.21 -3.22	76.96 7.29 -0.02	87.26 7.32 -12.97	147.53 8.46 -61.49	111.00 6.31 -45.84	94.64 6.81 -32.16	132.05 6.58 -75.00	273.21 12.28 -166.63	137.97 8.04 -66.03	113.05 12.00 -3.71	71.94 6.01 0.00	69.22 4.90 0.00	76.96 4.72 0.00	59.89 3.31 0.00

CHESTROR_138KV_BK263 355645	45.75 2.43 0.00	47.17 2.33 0.00	44.26 2.39 0.00	41.16 2.21 0.00	39.66 2.06 0.00	43.52 2.04 0.00	39.98 1.80 0.00	41.09 1.93 0.00	43.85 2.11 0.00	50.18 3.36 -0.13	55.12 3.74 -3.12	74.86 5.20 -0.02	90.95 5.36 -18.62	178.48 6.30 -94.60	134.26 4.77 -70.64	110.54 5.26 -49.62	171.38 5.21 -115.71	361.33 9.89 -257.14	172.37 6.58 -101.89	112.73 9.67 -5.73	70.22 4.29 0.00	67.77 3.46 0.00	75.44 3.20 0.00	58.70 2.12 0.00
CH_MIDHUDSON___DRP 24192	45.94 2.62 0.00	47.39 2.55 0.00	44.47 2.60 0.00	41.34 2.39 0.00	39.82 2.22 0.00	43.71 2.22 0.00	40.20 2.01 0.00	41.35 2.19 0.00	44.14 2.39 0.00	50.18 3.37 -0.12	55.00 3.69 -3.06	74.92 5.25 -0.02	77.41 5.23 -5.21	101.21 6.23 -17.41	76.44 4.74 -12.85	69.91 5.30 -8.95	76.55 5.23 -20.86	150.58 9.97 -46.31	88.87 6.61 -18.35	108.29 9.93 -1.03	70.90 4.97 0.00	68.29 3.98 0.00	75.93 3.69 0.00	59.00 2.42 0.00
CH_MISC_IPPS 23765	46.29 2.97 0.00	47.71 2.88 0.00	44.76 2.89 0.00	41.63 2.67 0.00	40.10 2.50 0.00	43.99 2.51 0.00	40.45 2.27 0.00	41.63 2.46 0.00	44.45 2.70 0.00	50.65 3.84 -0.12	55.50 4.20 -3.04	75.67 6.01 -0.02	80.50 5.99 -7.54	115.66 7.16 -30.92	87.30 5.48 -22.97	77.77 6.04 -16.07	93.87 5.93 -37.47	188.88 11.35 -83.23	104.40 7.52 -32.98	110.33 11.15 -1.85	71.56 5.63 0.00	68.94 4.63 0.00	76.62 4.38 0.00	59.51 2.93 0.00
CH_RES_BVR_FALLS 23983	43.29 -0.04 0.00	44.83 -0.01 0.00	41.81 -0.06 0.00	38.85 -0.11 0.00	37.49 -0.11 0.00	41.44 -0.04 0.00	38.16 -0.03 0.00	39.14 -0.03 0.00	41.74 -0.01 0.00	46.69 0.00 0.00	48.18 -0.08 0.00	69.47 -0.17 0.00	66.73 -0.24 0.00	77.31 -0.27 0.00	58.57 -0.29 0.00	55.14 -0.53 0.00	49.83 -0.63 0.00	92.69 -1.61 0.00	62.81 -1.10 0.00	95.93 -1.40 0.00	61.88 -0.91 3.13	61.97 -0.80 1.55	71.58 -0.66 0.00	56.30 -0.29 0.00
CH_RES_NIAGARA 23895	42.31 -1.02 0.00	43.19 -1.64 0.00	40.20 -1.67 0.00	37.40 -1.56 0.00	36.35 -1.25 0.00	40.03 -1.46 0.00	36.19 -2.00 0.00	36.91 -2.25 0.00	39.82 -1.92 0.00	45.16 -1.53 0.00	46.13 -2.13 0.00	67.16 -2.49 0.00	65.02 -1.95 0.00	75.12 -2.46 0.00	56.68 -2.18 0.00	53.61 -2.05 0.00	48.96 -1.51 0.00	93.45 -0.85 0.00	63.11 -0.80 0.00	93.95 -3.39 0.00	62.88 -3.05 0.00	61.73 -2.58 0.00	69.81 -2.43 0.00	55.45 -1.14 0.00
CH_RES_SYRACUSE 23985	43.26 -0.06 0.00	44.57 -0.27 0.00	41.67 -0.20 0.00	38.80 -0.16 0.00	37.50 -0.10 0.00	41.28 -0.20 0.00	37.90 -0.29 0.00	38.88 -0.29 0.00	41.43 -0.32 0.00	46.34 -0.35 0.00	48.17 -0.23 -0.15	71.55 -0.15 -2.05	67.51 0.20 -0.34	81.78 0.53 -3.67	63.19 0.42 -3.92	56.45 0.59 -0.19	51.25 0.79 0.00	96.66 2.35 0.00	68.09 1.61 -2.58	102.33 2.16 -2.83	67.41 1.13 -0.35	69.62 0.88 -4.42	76.76 0.60 -3.92	60.57 0.24 -3.75
CLINTON_WT_PWR 323605	43.49 0.17 0.00	45.10 0.26 0.00	41.84 -0.03 0.00	38.76 -0.20 0.00	37.37 -0.24 0.00	41.48 0.00 0.00	38.37 0.18 0.00	39.44 0.27 0.00	42.03 0.28 0.00	46.94 0.25 0.00	48.28 0.03 0.00	69.40 -0.25 0.00	66.24 -0.72 0.00	76.63 -0.94 0.00	58.02 -0.83 0.00	54.31 -1.36 0.00	48.67 -1.79 0.00	90.04 -4.26 0.00	61.08 -2.83 0.00	93.52 -3.81 0.00	63.70 -2.23 0.00	62.64 -1.68 0.00	71.20 -1.04 0.00	56.33 -0.25 0.00
CLINTON___LFGE 323618	44.11 0.78 0.00	45.66 0.83 0.00	42.37 0.50 0.00	39.22 0.27 0.00	37.81 0.20 0.00	41.92 0.44 0.00	38.80 0.61 0.00	39.86 0.69 0.00	42.30 0.55 0.00	47.19 0.50 0.00	48.54 0.28 0.00	69.71 0.06 0.00	66.26 -0.71 0.00	76.54 -1.04 0.00	57.91 -0.94 0.00	54.27 -1.40 0.00	48.60 -1.87 0.00	90.09 -4.21 0.00	61.29 -2.62 0.00	94.04 -3.29 0.00	64.09 -1.84 0.00	62.88 -1.43 0.00	71.59 -0.65 0.00	56.74 0.15 0.00
COBBLENY_34_KV_TB1 80064	43.37 0.04 0.00	44.26 -0.58 0.00	41.15 -0.72 0.00	38.26 -0.70 0.00	37.19 -0.42 0.00	40.89 -0.60 0.00	37.10 -1.09 0.00	38.09 -1.08 0.00	41.09 -0.65 0.00	46.53 -0.15 0.00	47.86 -0.40 0.00	69.89 0.24 0.00	67.64 0.68 0.00	78.59 1.01 0.00	59.24 0.39 0.00	56.13 0.46 0.00	51.31 0.85 0.00	98.03 3.73 0.00	65.85 1.94 0.00	98.38 1.04 0.00	65.60 -0.33 0.00	64.40 0.08 0.00	72.47 0.23 0.00	57.19 0.60 0.00
COFFEEN___115KV_TB3 355620	45.59 2.26 0.00	46.93 2.09 0.00	43.84 1.97 0.00	40.78 1.83 0.00	39.45 1.85 0.00	43.60 2.12 0.00	39.89 1.70 0.00	40.32 1.15 0.00	42.99 1.24 0.00	48.15 1.46 0.00	49.49 1.07 -0.16	73.04 1.26 -2.13	68.49 1.16 -0.36	82.90 1.52 -3.80	63.66 0.74 -4.07	56.46 0.60 -0.20	51.68 1.22 0.00	97.24 2.94 0.00	70.55 3.97 -2.68	107.37 7.10 -2.94	89.98 5.79 -18.27	83.37 5.63 -13.43	82.19 5.88 -4.07	64.42 3.94 -3.90
COLDSPRG_115KV_BK1 355956	44.49 1.17 0.00	45.31 0.48 0.00	42.08 0.21 0.00	39.15 0.19 0.00	38.05 0.45 0.00	41.77 0.29 0.00	38.12 -0.06 0.00	39.77 0.60 0.00	42.74 1.00 0.00	48.12 1.44 0.00	49.78 1.53 0.00	72.43 2.79 0.00	69.63 2.66 0.00	80.94 3.36 0.00	60.77 1.92 0.00	56.79 1.13 0.00	51.92 1.45 0.00	99.35 5.05 0.00	65.90 1.99 0.00	98.26 0.92 0.00	65.61 -0.32 0.00	64.49 0.18 0.00	72.43 0.19 0.00	57.10 0.52 0.00
COLONIE_LFGE___ 323577	44.81 1.49 0.00	46.40 1.57 0.00	43.66 1.79 0.00	40.56 1.60 0.00	39.12 1.52 0.00	43.20 1.72 0.00	39.67 1.48 0.00	40.62 1.46 0.00	42.94 1.19 0.00	47.69 1.27 0.27	42.93 1.26 6.60	71.66 2.05 0.04	63.67 1.73 5.03	78.70 2.08 0.96	60.10 1.57 0.32	57.67 2.01 0.00	52.55 2.08 0.00	98.78 4.47 0.00	67.11 3.20 0.00	102.42 5.09 0.00	68.91 2.98 0.00	66.52 2.20 0.00	74.30 2.05 0.00	57.69 1.11 0.00
COOPERNY_115KV_TB1 80082	45.34 2.02 0.00	46.76 1.92 0.00	43.88 2.02 0.00	40.81 1.86 0.00	39.35 1.74 0.00	43.18 1.70 0.00	39.63 1.44 0.00	40.71 1.55 0.00	43.50 1.75 0.00	50.17 3.36 -0.12	55.11 3.79 -3.06	75.26 5.60 -0.02	91.22 5.79 -18.46	179.12 6.81 -94.73	134.81 5.21 -70.75	111.12 5.75 -49.71	172.06 5.68 -115.92	362.55 10.66 -257.59	173.05 7.08 -102.07	113.33 10.26 -5.73	69.60 3.67 0.00	67.25 2.94 0.00	74.93 2.69 0.00	58.34 1.76 0.00
COPENHAGEN_WT_PWR 323753	45.04 1.72 0.00	46.36 1.53 0.00	43.38 1.52 0.00	40.38 1.42 0.00	39.06 1.46 0.00	43.14 1.66 0.00	39.45 1.26 0.00	39.92 0.75 0.00	42.56 0.82 0.00	47.70 1.02 0.00	49.18 0.76 -0.17	72.79 0.90 -2.24	68.20 0.86 -0.38	82.70 1.12 -4.01	63.53 0.39 -4.28	56.13 0.25 -0.21	51.32 0.86 0.00	96.43 2.13 0.00	69.76 3.04 -2.82	105.75 5.32 -3.09	87.59 4.38 -17.28	81.65 4.17 -13.17	80.92 4.39 -4.28	63.52 2.84 -4.10
CORNELL_____ 23752	44.29 0.97 0.00	45.61 0.78 0.00	42.62 0.75 0.00	39.65 0.69 0.00	38.35 0.74 0.00	42.17 0.69 0.00	38.67 0.48 0.00	39.66 0.49 0.00	42.08 0.33 0.00	46.92 0.23 0.00	48.51 0.25 0.00	70.26 0.61 0.00	68.55 1.11 -0.48	82.11 1.79 -2.75	62.00 1.09 -2.06	58.26 1.15 -1.45	55.31 1.47 -3.38	106.24 4.43 -7.50	70.20 3.32 -2.97	102.29 4.79 -0.17	68.88 2.94 0.00	66.86 2.55 0.00	74.48 2.24 0.00	58.01 1.43 0.00

CORONA__69_KV_TB1 355595	47.19 3.87 0.00	48.65 3.82 0.00	45.54 3.67 0.00	42.25 3.29 0.00	40.62 3.02 0.00	44.45 2.97 0.00	40.76 2.57 0.00	41.93 2.76 0.00	44.90 3.16 0.00	51.50 4.68 -0.13	56.40 4.93 -3.22	76.40 6.73 -0.02	90.83 7.05 -16.82	149.02 7.99 -63.46	111.54 6.24 -46.45	94.44 6.76 -32.01	133.19 6.62 -76.11	276.79 11.89 -170.60	138.42 8.02 -66.49	116.61 12.13 -7.14	73.05 5.98 -1.13	69.85 4.81 -0.72	76.74 4.50 0.00	59.63 3.05 0.00
CORTLAND__115KV_TB3 80093	43.93 0.61 0.00	45.24 0.41 0.00	42.31 0.44 0.00	39.37 0.41 0.00	38.08 0.48 0.00	41.87 0.39 0.00	38.42 0.23 0.00	39.40 0.24 0.00	41.88 0.13 0.00	46.73 0.05 0.00	48.40 0.14 0.00	70.14 0.50 0.00	67.70 0.73 0.00	78.84 1.26 0.00	59.68 0.83 0.00	56.62 0.96 0.00	51.65 1.18 0.00	97.78 3.48 0.00	66.38 2.47 0.00	100.86 3.52 0.00	68.02 2.09 0.00	66.15 1.83 0.00	73.77 1.53 0.00	57.45 0.87 0.00
COXSACKIE__GT 23611	45.60 2.28 0.00	47.05 2.22 0.00	44.14 2.27 0.00	41.05 2.09 0.00	39.62 2.02 0.00	43.66 2.18 0.00	40.08 1.90 0.00	40.90 1.74 0.00	43.31 1.57 0.00	47.95 1.29 0.03	48.73 1.23 0.75	71.37 1.73 0.00	69.14 1.66 -0.51	70.71 1.72 8.59	33.09 1.27 27.04	56.15 1.63 1.15	52.31 2.47 0.62	107.89 5.64 -7.94	75.51 4.64 -6.97	105.04 7.32 -0.39	70.65 4.71 0.00	68.34 4.03 0.00	75.96 3.72 0.00	58.87 2.29 0.00
CPV_VALLEY__CC1 323721	45.40 2.08 0.00	46.82 1.99 0.00	43.94 2.07 0.00	40.87 1.92 0.00	39.40 1.79 0.00	43.22 1.74 0.00	39.70 1.52 0.00	40.79 1.62 0.00	43.55 1.80 0.00	49.92 3.10 -0.13	54.83 3.48 -3.10	74.52 4.86 -0.02	92.59 5.00 -20.62	189.75 5.87 -106.30	142.72 4.48 -79.39	116.43 4.98 -55.79	185.49 4.93 -130.09	392.68 9.27 -289.10	184.61 6.15 -114.55	112.71 8.94 -6.44	69.63 3.70 0.00	67.19 2.88 0.00	74.84 2.60 0.00	58.26 1.67 0.00
CPV_VALLEY__CC2 323722	45.40 2.08 0.00	46.82 1.99 0.00	43.94 2.07 0.00	40.87 1.92 0.00	39.40 1.79 0.00	43.22 1.74 0.00	39.70 1.52 0.00	40.79 1.62 0.00	43.55 1.80 0.00	49.92 3.10 -0.13	54.83 3.48 -3.10	74.52 4.86 -0.02	92.59 5.00 -20.62	189.75 5.87 -106.30	142.72 4.48 -79.39	116.43 4.98 -55.79	185.49 4.93 -130.09	392.68 9.27 -289.10	184.61 6.15 -114.55	112.71 8.94 -6.44	69.63 3.70 0.00	67.19 2.88 0.00	74.84 2.60 0.00	58.26 1.67 0.00
CRESCENT__HYD 24018	44.81 1.49 0.00	46.40 1.57 0.00	43.66 1.79 0.00	40.56 1.60 0.00	39.12 1.52 0.00	43.20 1.72 0.00	39.67 1.48 0.00	40.62 1.46 0.00	42.94 1.19 0.00	47.69 1.27 0.27	42.93 1.26 6.60	71.66 2.05 0.04	63.67 1.73 5.03	78.70 2.08 0.96	60.10 1.57 0.32	57.67 2.01 0.00	52.55 2.08 0.00	98.78 4.47 0.00	67.11 3.20 0.00	102.42 5.09 0.00	68.91 2.98 0.00	66.52 2.20 0.00	74.30 2.05 0.00	57.69 1.11 0.00
CRICKET__VALLEY_CC1 323756	45.32 1.99 0.00	46.77 1.93 0.00	43.93 2.06 0.00	40.81 1.86 0.00	39.30 1.69 0.00	43.20 1.72 0.00	39.79 1.60 0.00	40.92 1.76 0.00	43.58 1.83 0.00	46.95 2.57 2.31	-5.67 2.77 56.70	73.32 3.98 0.30	27.64 3.82 43.14	73.83 4.51 8.25	59.57 3.44 2.72	59.71 4.04 0.00	54.49 4.02 0.00	101.82 7.52 0.00	68.98 5.07 0.00	104.97 7.63 0.00	69.63 3.70 0.00	67.00 2.69 0.00	74.48 2.24 0.00	57.80 1.22 0.00
CRICKET__VALLEY_CC2 323757	45.32 1.99 0.00	46.77 1.93 0.00	43.93 2.06 0.00	40.81 1.86 0.00	39.30 1.69 0.00	43.20 1.72 0.00	39.79 1.60 0.00	40.92 1.76 0.00	43.58 1.83 0.00	46.95 2.57 2.31	-5.67 2.77 56.70	73.32 3.98 0.30	27.64 3.82 43.14	73.83 4.51 8.25	59.57 3.44 2.72	59.71 4.04 0.00	54.49 4.02 0.00	101.82 7.52 0.00	68.98 5.07 0.00	104.97 7.63 0.00	69.63 3.70 0.00	67.00 2.69 0.00	74.48 2.24 0.00	57.80 1.22 0.00
CRICKET__VALLEY_CC3 323758	45.32 1.99 0.00	46.77 1.93 0.00	43.93 2.06 0.00	40.81 1.86 0.00	39.30 1.69 0.00	43.20 1.72 0.00	39.79 1.60 0.00	40.92 1.76 0.00	43.58 1.83 0.00	46.95 2.57 2.31	-5.67 2.77 56.70	73.32 3.98 0.30	27.64 3.82 43.14	73.83 4.51 8.25	59.57 3.44 2.72	59.71 4.04 0.00	54.49 4.02 0.00	101.82 7.52 0.00	68.98 5.07 0.00	104.97 7.63 0.00	69.63 3.70 0.00	67.00 2.69 0.00	74.48 2.24 0.00	57.80 1.22 0.00
CRUCIBLE__METL_DRP 24180	43.26 -0.06 0.00	44.56 -0.27 0.00	41.67 -0.20 0.00	38.80 -0.16 0.00	37.50 -0.11 0.00	41.28 -0.21 0.00	37.89 -0.29 0.00	38.88 -0.29 0.00	41.43 -0.32 0.00	46.35 -0.34 0.00	48.17 -0.24 -0.15	71.55 -0.15 -2.05	67.51 0.20 -0.34	81.77 0.53 -3.67	63.19 0.42 -3.92	56.45 0.59 -0.19	51.25 0.79 0.00	96.65 2.35 0.00	68.08 1.60 -2.58	102.30 2.14 -2.83	67.41 1.13 -0.35	69.62 0.88 -4.42	76.76 0.60 -3.92	60.57 0.24 -3.75
DAHOWA__HYDRO 323763	45.34 2.01 0.00	46.92 2.09 0.00	44.12 2.25 0.00	41.02 2.06 0.00	39.57 1.97 0.00	43.68 2.20 0.00	40.12 1.93 0.00	41.02 1.85 0.00	43.22 1.47 0.00	47.93 1.45 0.21	44.35 1.28 5.18	72.00 2.38 0.03	64.92 1.91 3.96	79.21 2.39 0.76	60.47 1.87 0.25	58.11 2.44 0.00	53.09 2.63 0.00	100.26 5.96 0.00	68.50 4.59 0.00	104.85 7.51 0.00	70.70 4.77 0.00	68.24 3.93 0.00	75.97 3.73 0.00	58.93 2.35 0.00
DANC__LFGE 323619	44.16 0.84 0.00	45.47 0.64 0.00	42.54 0.67 0.00	39.59 0.63 0.00	38.29 0.69 0.00	42.23 0.75 0.00	38.70 0.51 0.00	39.34 0.17 0.00	41.90 0.16 0.00	46.94 0.25 0.00	48.57 0.10 -0.21	72.55 0.05 -2.85	67.55 0.10 -0.48	82.95 0.27 -5.10	64.25 -0.06 -5.45	55.82 -0.11 -0.26	50.88 0.41 0.00	95.71 1.41 0.00	69.48 1.99 -3.59	104.65 3.38 -3.94	80.45 2.68 -11.84	78.56 2.49 -11.75	80.22 2.52 -5.46	63.36 1.55 -5.22
DANSKAMMER__1 23586	46.29 2.97 0.00	47.71 2.88 0.00	44.76 2.89 0.00	41.63 2.67 0.00	40.10 2.50 0.00	43.99 2.51 0.00	40.45 2.27 0.00	41.63 2.46 0.00	44.45 2.70 0.00	50.65 3.84 -0.12	55.50 4.20 -3.04	75.67 6.01 -0.02	80.50 5.99 -7.54	115.66 7.16 -30.92	87.30 5.48 -22.97	77.77 6.04 -16.07	93.87 5.93 -37.47	188.88 11.35 -83.23	104.40 7.52 -32.98	110.33 11.15 -1.85	71.56 5.63 0.00	68.94 4.63 0.00	76.62 4.38 0.00	59.51 2.93 0.00
DANSKAMMER__2 23589	46.29 2.97 0.00	47.71 2.88 0.00	44.76 2.89 0.00	41.63 2.67 0.00	40.10 2.50 0.00	43.99 2.51 0.00	40.45 2.27 0.00	41.63 2.46 0.00	44.45 2.70 0.00	50.65 3.84 -0.12	55.50 4.20 -3.04	75.67 6.01 -0.02	80.50 5.99 -7.54	115.66 7.16 -30.92	87.30 5.48 -22.97	77.77 6.04 -16.07	93.87 5.93 -37.47	188.88 11.35 -83.23	104.40 7.52 -32.98	110.33 11.15 -1.85	71.56 5.63 0.00	68.94 4.63 0.00	76.62 4.38 0.00	59.51 2.93 0.00
DANSKAMMER__3 23590	46.29 2.97 0.00	47.71 2.88 0.00	44.76 2.89 0.00	41.63 2.67 0.00	40.10 2.50 0.00	43.99 2.51 0.00	40.45 2.27 0.00	41.63 2.46 0.00	44.45 2.70 0.00	50.65 3.84 -0.12	55.50 4.20 -3.04	75.67 6.01 -0.02	80.50 5.99 -7.54	115.66 7.16 -30.92	87.30 5.48 -22.97	77.77 6.04 -16.07	93.87 5.93 -37.47	188.88 11.35 -83.23	104.40 7.52 -32.98	110.33 11.15 -1.85	71.56 5.63 0.00	68.94 4.63 0.00	76.62 4.38 0.00	59.51 2.93 0.00

DANSKAMMER___4 23591	46.29 2.97 0.00	47.71 2.88 0.00	44.76 2.89 0.00	41.63 2.67 0.00	40.10 2.50 0.00	43.99 2.51 0.00	40.45 2.27 0.00	41.63 2.46 0.00	44.45 2.70 0.00	50.65 3.84 -0.12	55.50 4.20 -3.04	75.67 6.01 -0.02	80.50 5.99 -7.54	115.66 7.16 -30.92	87.30 5.48 -22.97	77.77 6.04 -16.07	93.87 5.93 -37.47	188.88 11.35 -83.23	104.40 7.52 -32.98	110.33 11.15 -1.85	71.56 5.63 0.00	68.94 4.63 0.00	76.62 4.38 0.00	59.51 2.93 0.00
DANSKAMMER___DIESEL 23592	46.29 2.97 0.00	47.72 2.89 0.00	44.76 2.89 0.00	41.63 2.67 0.00	40.10 2.50 0.00	43.99 2.51 0.00	40.45 2.27 0.00	41.63 2.46 0.00	44.45 2.71 0.00	50.64 3.84 -0.12	55.51 4.22 -3.04	75.67 6.01 -0.02	80.51 6.00 -7.54	115.67 7.17 -30.92	87.30 5.48 -22.97	77.78 6.04 -16.07	93.88 5.95 -37.47	188.91 11.37 -83.23	104.41 7.52 -32.98	110.41 11.22 -1.85	71.57 5.63 0.00	68.94 4.63 0.00	76.62 4.38 0.00	59.51 2.93 0.00
DARBY___SOLAR 323810	45.20 1.88 0.00	46.78 1.95 0.00	43.99 2.12 0.00	40.89 1.93 0.00	39.45 1.84 0.00	43.54 2.06 0.00	39.98 1.80 0.00	40.87 1.70 0.00	43.10 1.35 0.00	47.79 1.32 0.22	43.98 1.18 5.46	71.80 2.18 0.03	64.55 1.75 4.17	78.98 2.20 0.80	60.29 1.71 0.26	57.94 2.27 0.00	52.93 2.46 0.00	99.87 5.57 0.00	68.15 4.25 0.00	104.26 6.92 0.00	70.28 4.35 0.00	67.85 3.54 0.00	75.61 3.37 0.00	58.67 2.09 0.00
DASHVILLE___HYD 23610	45.78 2.45 0.00	47.19 2.36 0.00	44.27 2.40 0.00	41.17 2.22 0.00	39.66 2.06 0.00	43.50 2.02 0.00	39.96 1.77 0.00	41.07 1.91 0.00	43.90 2.15 0.00	49.88 3.11 -0.08	53.82 3.56 -2.01	74.57 4.91 -0.01	77.63 5.06 -5.60	104.10 5.98 -20.54	73.72 4.67 -10.20	72.20 5.04 -11.49	82.76 4.99 -27.30	166.65 9.41 -62.93	96.04 6.26 -25.87	108.26 9.47 -1.45	70.65 4.72 0.00	68.12 3.81 0.00	75.76 3.52 0.00	58.91 2.33 0.00
DELAWARE___LFGE 323621	44.88 1.55 0.00	46.31 1.48 0.00	43.47 1.60 0.00	40.44 1.48 0.00	39.06 1.45 0.00	42.90 1.42 0.00	39.28 1.09 0.00	40.24 1.08 0.00	42.90 1.16 0.00	47.73 1.04 0.00	49.42 1.16 0.00	71.29 1.64 -0.75	69.44 1.72 -4.36	83.99 2.05 -3.26	63.57 1.45 -2.30	59.49 1.53 -2.30	57.44 1.63 -5.35	109.71 3.52 -11.89	71.01 2.39 -4.71	101.20 3.60 -0.27	68.81 2.88 0.00	66.80 2.49 0.00	74.50 2.26 0.00	58.15 1.57 0.00
DERFIELD_115KV_TB7 355931	43.54 0.21 0.00	45.02 0.18 0.00	42.12 0.25 0.00	39.19 0.23 0.00	37.83 0.23 0.00	41.69 0.20 0.00	38.34 0.15 0.00	39.27 0.10 0.00	41.82 0.07 0.00	46.76 0.07 0.00	48.35 0.09 0.00	69.79 0.14 0.00	67.14 0.17 0.00	77.80 0.22 0.00	59.01 0.16 0.00	55.94 0.27 0.00	50.82 0.36 0.00	95.25 0.95 0.00	64.60 0.69 0.00	98.39 1.05 0.00	66.52 0.59 0.00	64.72 0.41 0.00	72.52 0.28 0.00	56.70 0.12 0.00
DOGLEVILLE___HYD 23807	43.98 0.66 0.00	45.52 0.69 0.00	42.78 0.90 0.00	39.82 0.86 0.00	38.43 0.82 0.00	42.21 0.73 0.00	38.68 0.50 0.00	39.22 0.05 0.00	41.10 -0.64 0.00	45.59 -1.10 0.00	47.25 -1.01 0.00	68.38 -1.26 0.00	65.83 -1.14 0.00	76.52 -1.06 0.00	57.96 -0.89 0.00	55.68 0.01 0.00	50.98 0.52 0.00	97.51 3.21 0.00	66.98 3.07 0.00	102.45 5.12 0.00	69.04 3.10 0.00	66.72 2.41 0.00	73.82 1.58 0.00	57.13 0.55 0.00
DUNKIRK___115KV_TB_200 55889	43.70 0.38 0.00	44.52 -0.32 0.00	41.32 -0.54 0.00	38.43 -0.52 0.00	37.35 -0.25 0.00	40.97 -0.51 0.00	37.32 -0.87 0.00	38.33 -0.84 0.00	41.21 -0.54 0.00	46.60 -0.08 0.00	48.15 -0.11 0.00	70.33 0.68 0.00	67.83 0.86 0.00	78.87 1.29 0.00	59.30 0.45 0.00	56.09 0.42 0.00	51.37 0.90 0.00	98.65 4.35 0.00	65.57 1.67 0.00	97.56 0.23 0.00	65.13 -0.80 0.00	64.06 -0.25 0.00	72.07 -0.17 0.00	56.74 0.16 0.00
DUNKIRK___1 23563	43.70 0.38 0.00	44.52 -0.32 0.00	41.32 -0.54 0.00	38.43 -0.52 0.00	37.35 -0.25 0.00	40.97 -0.51 0.00	37.32 -0.87 0.00	38.33 -0.84 0.00	41.21 -0.54 0.00	46.60 -0.08 0.00	48.15 -0.11 0.00	70.33 0.68 0.00	67.83 0.86 0.00	78.87 1.29 0.00	59.30 0.45 0.00	56.09 0.42 0.00	51.37 0.90 0.00	98.65 4.35 0.00	65.57 1.67 0.00	97.56 0.23 0.00	65.13 -0.80 0.00	64.06 -0.25 0.00	72.07 -0.17 0.00	56.74 0.16 0.00
DUNKIRK___2 23564	43.70 0.38 0.00	44.52 -0.32 0.00	41.32 -0.54 0.00	38.43 -0.52 0.00	37.35 -0.25 0.00	40.97 -0.51 0.00	37.32 -0.87 0.00	38.33 -0.84 0.00	41.21 -0.54 0.00	46.60 -0.08 0.00	48.15 -0.11 0.00	70.33 0.68 0.00	67.83 0.86 0.00	78.87 1.29 0.00	59.30 0.45 0.00	56.09 0.42 0.00	51.37 0.90 0.00	98.65 4.35 0.00	65.57 1.67 0.00	97.56 0.23 0.00	65.13 -0.80 0.00	64.06 -0.25 0.00	72.07 -0.17 0.00	56.74 0.16 0.00
DUNKIRK___3 23565	43.45 0.13 0.00	44.31 -0.52 0.00	41.17 -0.69 0.00	38.31 -0.65 0.00	37.23 -0.37 0.00	40.86 -0.62 0.00	37.17 -1.02 0.00	38.16 -1.00 0.00	41.03 -0.71 0.00	46.41 -0.28 0.00	47.89 -0.37 0.00	69.90 0.25 0.00	67.51 0.54 0.00	78.48 0.91 0.00	59.02 0.17 0.00	55.84 0.17 0.00	51.11 0.64 0.00	97.99 3.69 0.00	65.40 1.49 0.00	97.46 0.12 0.00	65.02 -0.91 0.00	63.93 -0.39 0.00	71.93 -0.31 0.00	56.68 0.09 0.00
DUNKIRK___4 23566	43.45 0.13 0.00	44.31 -0.52 0.00	41.17 -0.69 0.00	38.31 -0.65 0.00	37.23 -0.37 0.00	40.86 -0.62 0.00	37.17 -1.02 0.00	38.16 -1.00 0.00	41.03 -0.71 0.00	46.41 -0.28 0.00	47.89 -0.37 0.00	69.90 0.25 0.00	67.51 0.54 0.00	78.48 0.91 0.00	59.02 0.17 0.00	55.84 0.17 0.00	51.11 0.64 0.00	97.99 3.69 0.00	65.40 1.49 0.00	97.46 0.12 0.00	65.02 -0.91 0.00	63.93 -0.39 0.00	71.93 -0.31 0.00	56.68 0.09 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.52 3.20 0.00	47.93 3.09 0.00	45.00 3.13 0.00	41.82 2.87 0.00	40.27 2.67 0.00	44.12 2.64 0.00	40.58 2.40 0.00	41.78 2.61 0.00	44.66 2.91 0.00	50.95 4.13 -0.13	56.01 4.54 -3.22	75.99 6.32 -0.02	86.27 6.35 -12.95	146.39 7.39 -61.42	110.22 5.58 -45.79	93.87 6.08 -32.13	131.30 5.92 -74.91	271.80 11.06 -166.44	137.16 7.31 -65.95	111.96 10.92 -3.71	71.31 5.37 0.00	68.64 4.33 0.00	76.35 4.11 0.00	59.40 2.82 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	46.01 2.69 0.00	47.43 2.60 0.00	44.48 2.61 0.00	41.37 2.41 0.00	39.87 2.26 0.00	43.73 2.25 0.00	40.18 2.00 0.00	41.34 2.17 0.00	44.14 2.39 0.00	50.40 3.60 -0.12	55.24 3.97 -3.01	75.25 5.58 -0.02	85.34 5.68 -12.69	145.18 6.75 -60.85	109.38 5.15 -45.37	93.19 5.67 -31.84	130.33 5.61 -74.25	269.96 10.67 -164.99	136.35 7.07 -65.37	111.50 10.49 -3.67	70.91 4.98 0.00	68.35 4.04 0.00	76.03 3.78 0.00	59.11 2.53 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	46.84 3.51 0.00	48.23 3.40 0.00	45.32 3.45 0.00	42.14 3.18 0.00	40.57 2.96 0.00	44.40 2.92 0.00	40.88 2.70 0.00	42.13 2.96 0.00	45.03 3.28 0.00	51.38 4.56 -0.13	56.37 4.90 -3.22	76.41 6.74 -0.02	86.68 6.76 -12.94	146.76 7.81 -61.37	110.48 5.88 -45.75	94.08 6.31 -32.10	131.38 6.06 -74.85	271.74 11.15 -166.30	137.27 7.47 -65.89	112.31 11.27 -3.70	71.44 5.51 0.00	68.80 4.48 0.00	76.46 4.22 0.00	59.64 3.06 0.00

E179THST_13_KV_LOAD 356214	47.12 3.80 0.00	48.52 3.68 0.00	45.58 3.71 0.00	42.37 3.41 0.00	40.78 3.18 0.00	44.63 3.15 0.00	41.10 2.92 0.00	42.36 3.20 0.00	45.30 3.55 0.00	51.69 4.88 -0.13	56.71 5.24 -3.22	76.89 7.23 -0.02	87.16 7.24 -12.94	147.32 8.37 -61.37	110.93 6.33 -45.75	94.52 6.76 -32.10	131.79 6.48 -74.85	272.54 11.94 -166.30	137.79 7.99 -65.89	113.06 12.02 -3.70	71.96 6.03 0.00	69.28 4.97 0.00	77.03 4.79 0.00	60.04 3.46 0.00
EAST HAMPTON___GT 23717	48.89 5.57 0.00	50.46 5.62 0.00	47.06 5.19 0.00	43.51 4.55 0.00	41.78 4.17 0.00	45.55 4.07 0.00	41.78 3.59 0.00	43.12 3.95 0.00	46.40 4.65 0.00	53.72 6.90 -0.13	58.34 6.86 -3.22	78.57 9.57 0.66	87.36 10.01 -10.38	142.57 11.79 -53.21	108.92 8.94 -41.12	94.46 9.51 -29.28	128.46 9.25 -68.75	266.78 15.20 -157.28	152.99 11.00 -78.08	116.35 16.56 -2.45	71.64 9.08 3.37	67.83 6.79 3.28	75.41 6.21 3.05	60.80 4.48 0.27
EAST RIVER___6 23660	46.79 3.47 0.00	48.14 3.31 0.00	45.23 3.37 0.00	42.07 3.11 0.00	40.51 2.91 0.00	44.36 2.88 0.00	40.81 2.62 0.00	42.08 2.91 0.00	45.06 3.32 0.00	51.42 4.61 -0.13	56.51 5.03 -3.22	76.67 7.00 -0.02	86.94 7.01 -12.97	147.14 8.07 -61.49	110.79 6.09 -45.84	94.43 6.60 -32.16	132.04 6.57 -75.00	273.07 12.14 -166.63	137.88 7.94 -66.03	112.83 11.79 -3.71	71.74 5.81 0.00	68.96 4.64 0.00	76.68 4.44 0.00	59.68 3.10 0.00
EAST RIVER___7 23524	46.79 3.47 0.00	48.14 3.31 0.00	45.23 3.37 0.00	42.07 3.11 0.00	40.51 2.91 0.00	44.36 2.88 0.00	40.81 2.62 0.00	42.08 2.91 0.00	45.06 3.32 0.00	51.42 4.61 -0.13	56.51 5.03 -3.22	76.67 7.00 -0.02	86.94 7.01 -12.97	147.14 8.07 -61.49	110.79 6.09 -45.84	94.43 6.60 -32.16	132.04 6.57 -75.00	273.07 12.14 -166.63	137.88 7.94 -66.03	112.83 11.79 -3.71	71.74 5.81 0.00	68.96 4.64 0.00	76.68 4.44 0.00	59.68 3.10 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.35 3.03 0.00	47.76 2.93 0.00	44.84 2.97 0.00	41.69 2.73 0.00	40.15 2.54 0.00	43.99 2.51 0.00	40.46 2.28 0.00	41.64 2.47 0.00	44.49 2.75 0.00	50.75 3.93 -0.13	55.81 4.33 -3.22	75.71 6.05 -0.02	86.59 6.08 -13.54	149.47 7.08 -64.81	112.54 5.36 -48.33	95.45 5.87 -33.91	135.27 5.73 -79.08	280.70 10.70 -175.70	140.61 7.08 -69.62	111.82 10.57 -3.91	71.08 5.15 0.00	68.45 4.14 0.00	76.13 3.89 0.00	59.22 2.64 0.00
EAST_HAMPTON___DIESEL 23722	48.91 5.59 0.00	50.49 5.65 0.00	47.08 5.21 0.00	43.54 4.58 0.00	41.79 4.19 0.00	45.57 4.08 0.00	41.79 3.60 0.00	43.14 3.98 0.00	46.41 4.67 0.00	53.73 6.91 -0.13	58.37 6.89 -3.22	78.64 9.65 0.66	87.42 10.07 -10.38	142.63 11.85 -53.21	108.92 8.95 -41.12	94.49 9.54 -29.28	128.49 9.28 -68.75	266.86 15.28 -157.28	153.00 11.02 -78.08	116.37 16.58 -2.45	71.66 9.10 3.37	67.83 6.80 3.28	75.39 6.20 3.05	60.80 4.48 0.27
EAST_POINT___SOLAR 323840	46.27 2.95 0.00	47.56 2.73 0.00	44.47 2.60 0.00	41.34 2.38 0.00	39.94 2.34 0.00	44.11 2.63 0.00	39.89 1.71 0.00	39.57 0.40 0.00	41.78 0.04 0.00	46.57 -0.01 0.11	45.81 0.19 2.64	69.91 0.28 0.01	65.40 0.44 2.01	78.04 0.85 0.38	59.52 0.80 0.13	56.99 1.32 0.00	52.05 1.59 0.00	98.97 4.67 0.00	69.07 5.17 0.00	105.72 8.39 0.00	71.92 5.99 0.00	70.26 5.95 0.00	78.40 6.16 0.00	61.32 4.74 0.00
EAST_PULASKI___ESR 323781	43.33 0.01 0.00	44.59 -0.24 0.00	41.72 -0.15 0.00	38.85 -0.11 0.00	37.56 -0.05 0.00	41.37 -0.12 0.00	37.98 -0.21 0.00	38.81 -0.36 0.00	41.30 -0.44 0.00	46.24 -0.45 0.00	48.09 -0.49 -0.32	73.16 -0.77 -4.28	67.06 -0.63 -0.72	84.66 -0.58 -7.67	66.54 -0.51 -8.20	55.62 -0.44 -0.40	50.45 -0.01 0.00	95.03 0.73 0.00	70.26 0.96 -5.39	104.70 1.45 -5.91	73.56 0.98 -6.65	77.30 0.82 -12.17	81.07 0.63 -8.20	64.64 0.21 -7.85
EAST_RIVER___1 323558	46.75 3.43 0.00	48.14 3.31 0.00	45.23 3.37 0.00	42.06 3.10 0.00	40.50 2.89 0.00	44.33 2.85 0.00	40.80 2.62 0.00	42.04 2.87 0.00	44.99 3.24 0.00	51.35 4.54 -0.13	56.40 4.93 -3.22	76.57 6.91 -0.02	86.86 6.93 -12.97	147.08 8.01 -61.49	110.66 5.97 -45.84	94.31 6.48 -32.16	131.76 6.29 -75.00	272.64 11.71 -166.63	137.63 7.69 -66.03	112.49 11.44 -3.71	71.65 5.71 0.00	68.96 4.64 0.00	76.68 4.44 0.00	59.69 3.11 0.00
EAST_RIVER___2 323559	46.79 3.47 0.00	48.14 3.31 0.00	45.23 3.37 0.00	42.07 3.11 0.00	40.51 2.91 0.00	44.36 2.88 0.00	40.81 2.62 0.00	42.08 2.91 0.00	45.06 3.32 0.00	51.42 4.61 -0.13	56.51 5.03 -3.22	76.67 7.00 -0.02	86.94 7.01 -12.97	147.14 8.07 -61.49	110.79 6.09 -45.84	94.43 6.60 -32.16	132.04 6.57 -75.00	273.07 12.14 -166.63	137.88 7.94 -66.03	112.83 11.79 -3.71	71.74 5.81 0.00	68.96 4.64 0.00	76.68 4.44 0.00	59.68 3.10 0.00
EAST___DELAWARE_HYD 23607	45.00 1.68 0.00	46.34 1.51 0.00	43.43 1.57 0.00	40.37 1.42 0.00	38.89 1.28 0.00	42.66 1.18 0.00	39.20 1.02 0.00	40.33 1.17 0.00	43.07 1.33 0.00	49.47 2.67 -0.11	54.06 3.05 -2.76	73.92 4.25 -0.01	83.27 4.60 -11.71	138.70 5.58 -55.54	103.07 4.52 -39.70	90.10 5.08 -29.35	124.26 5.18 -68.62	257.49 9.94 -153.25	131.61 6.66 -61.04	110.46 9.69 -3.43	69.97 4.03 0.00	67.43 3.12 0.00	74.91 2.67 0.00	58.18 1.60 0.00
EIGHT_POINT___WT_PWR 323820	44.44 1.12 0.00	45.46 0.63 0.00	42.25 0.38 0.00	39.28 0.32 0.00	38.19 0.59 0.00	41.77 0.29 0.00	38.13 -0.05 0.00	38.99 -0.18 0.00	41.45 -0.29 0.00	46.38 -0.31 0.00	47.89 -0.37 0.00	70.17 0.53 0.00	68.15 1.19 0.00	78.77 1.20 0.00	59.15 0.30 0.00	56.19 0.53 0.00	51.66 1.19 0.00	99.22 4.92 0.00	66.88 2.97 0.00	100.33 2.99 0.00	66.52 0.59 0.00	64.77 0.46 0.00	72.39 0.15 0.00	56.36 -0.22 0.00
ELBRIDGE_115KV_TB2 80188	43.02 -0.30 0.00	44.35 -0.48 0.00	41.47 -0.39 0.00	38.63 -0.33 0.00	37.30 -0.30 0.00	41.09 -0.39 0.00	37.68 -0.50 0.00	38.65 -0.51 0.00	41.18 -0.57 0.00	46.06 -0.63 -0.15	47.89 -0.52 -2.08	71.15 -0.58 -0.35	67.04 -0.28 -0.35	81.34 0.04 -3.73	62.82 -0.02 -3.98	56.02 0.16 -0.19	50.84 0.38 0.00	95.94 1.64 0.00	67.64 1.12 -2.62	101.67 1.46 -2.87	66.96 0.67 -0.36	69.23 0.42 -4.50	76.33 0.11 -3.98	60.28 -0.11 -3.81
ELEC_TRO_TEK 24086	46.79 3.47 0.00	48.29 3.45 0.00	45.21 3.34 0.00	41.95 2.99 0.00	40.35 2.74 0.00	44.16 2.68 0.00	40.51 2.32 0.00	41.67 2.50 0.00	44.62 2.88 0.00	51.15 4.33 -0.13	56.01 4.54 -3.22	75.84 6.17 -0.02	87.66 6.45 -14.24	145.94 7.31 -61.06	110.09 5.72 -45.52	93.83 6.22 -31.94	131.07 6.13 -74.47	270.80 11.04 -165.46	136.85 7.42 -65.52	111.99 11.23 -3.43	71.16 5.40 0.18	68.46 4.24 0.09	76.10 3.85 0.00	59.16 2.58 0.00
ELLENBURG_WT_PWR 323604	43.49 0.17 0.00	45.10 0.26 0.00	41.84 -0.03 0.00	38.76 -0.20 0.00	37.37 -0.24 0.00	41.48 0.00 0.00	38.37 0.18 0.00	39.44 0.27 0.00	42.03 0.28 0.00	46.94 0.25 0.00	48.28 0.03 0.00	69.40 -0.25 0.00	66.24 -0.72 0.00	76.63 -0.94 0.00	58.02 -0.83 0.00	54.31 -1.36 0.00	48.67 -1.79 0.00	90.04 -4.26 0.00	61.08 -2.83 0.00	93.52 -3.81 0.00	63.70 -2.23 0.00	62.64 -1.68 0.00	71.20 -1.04 0.00	56.33 -0.25 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.04 -0.28 0.00	43.94 -0.90 0.00	40.87 -1.00 0.00	38.02 -0.93 0.00	36.95 -0.66 0.00	40.65 -0.83 0.00	36.85 -1.34 0.00	37.76 -1.40 0.00	40.76 -0.99 0.00	46.17 -0.51 0.00	47.42 -0.84 0.00	69.17 -0.48 0.00	66.99 0.02 0.00	77.75 0.17 0.00	58.62 -0.24 0.00	55.47 -0.20 0.00	50.69 0.23 0.00	96.86 2.56 0.00	65.11 1.21 0.00	97.19 -0.15 0.00	64.87 -1.06 0.00	63.67 -0.64 0.00	71.76 -0.48 0.00	56.76 0.17 0.00
EMPIRE_CC_1 323656	44.04 0.72 0.00	45.54 0.70 0.00	42.79 0.92 0.00	39.82 0.86 0.00	38.42 0.81 0.00	42.26 0.78 0.00	38.75 0.57 0.00	39.41 0.25 0.00	41.91 0.16 0.00	47.02 0.33 0.00	48.61 0.36 0.00	70.01 0.36 0.00	67.25 0.28 0.00	77.85 0.28 0.00	59.14 0.28 0.00	56.39 0.72 0.00	51.47 1.00 0.00	96.93 2.62 0.00	65.77 1.86 0.00	100.37 3.03 0.00	67.41 1.48 0.00	65.03 0.72 0.00	72.68 0.44 0.00	56.50 -0.08 0.00
EMPIRE_CC_2 323658	44.04 0.72 0.00	45.54 0.70 0.00	42.79 0.92 0.00	39.82 0.86 0.00	38.42 0.81 0.00	42.26 0.78 0.00	38.75 0.57 0.00	39.41 0.25 0.00	41.91 0.16 0.00	47.02 0.33 0.00	48.61 0.36 0.00	70.01 0.36 0.00	67.25 0.28 0.00	77.85 0.28 0.00	59.14 0.28 0.00	56.39 0.72 0.00	51.47 1.00 0.00	96.93 2.62 0.00	65.77 1.86 0.00	100.37 3.03 0.00	67.41 1.48 0.00	65.03 0.72 0.00	72.68 0.44 0.00	56.50 -0.08 0.00
ENORWICH_115KV_TB1 80156	46.50 3.18 0.00	47.87 3.04 0.00	44.65 2.78 0.00	41.53 2.58 0.00	40.22 2.62 0.00	44.15 2.67 0.00	40.48 2.29 0.00	41.41 2.24 0.00	43.87 2.13 0.00	48.95 2.27 0.00	50.68 2.42 0.00	73.80 4.16 0.00	73.48 4.50 -2.02	94.84 5.63 -11.63	71.42 3.86 -8.71	65.65 3.86 -6.13	68.96 4.21 -14.29	135.58 9.52 -31.75	83.61 7.12 -12.58	108.29 10.25 -0.71	72.10 6.16 0.00	69.57 5.26 0.00	76.28 4.04 0.00	59.75 3.17 0.00
ERIE_ST__34_KV_TB1-2 80199	43.25 -0.07 0.00	44.12 -0.71 0.00	41.04 -0.83 0.00	38.14 -0.81 0.00	37.08 -0.53 0.00	40.76 -0.72 0.00	37.00 -1.18 0.00	38.02 -1.15 0.00	41.03 -0.72 0.00	46.48 -0.20 0.00	47.87 -0.39 0.00	69.90 0.25 0.00	67.79 0.82 0.00	78.87 1.30 0.00	59.39 0.53 0.00	56.21 0.55 0.00	51.37 0.91 0.00	98.15 3.85 0.00	65.82 1.92 0.00	98.34 1.00 0.00	65.61 -0.32 0.00	64.38 0.07 0.00	72.44 0.19 0.00	57.12 0.54 0.00
ERIE_WT_PWR 323693	42.80 -0.09 0.44	42.79 -0.69 1.35	40.98 -0.84 0.05	38.16 -0.80 0.00	37.09 -0.52 0.00	40.78 -0.70 0.00	36.98 -1.20 0.00	37.93 -1.24 0.00	40.93 -0.82 0.00	46.36 -0.33 0.00	47.69 -0.56 0.00	69.58 -0.07 0.00	67.39 0.42 0.00	78.26 0.68 0.00	58.95 0.09 0.00	55.81 0.14 0.00	51.02 0.55 0.00	97.49 3.19 0.00	65.50 1.59 0.00	98.00 0.66 0.00	65.27 -0.66 0.00	64.07 -0.25 0.00	72.16 -0.08 0.00	56.99 0.41 0.00
ESPRGFLD_115KV_TB1 80157	45.74 2.42 0.00	47.00 2.17 0.00	43.93 2.06 0.00	40.84 1.88 0.00	39.49 1.88 0.00	43.48 2.00 0.00	39.79 1.61 0.00	40.59 1.43 0.00	43.42 1.67 0.00	48.46 1.84 0.07	48.53 2.03 1.76	72.85 3.22 0.01	69.12 3.46 1.31	81.54 4.21 0.25	61.90 3.14 0.08	58.54 2.87 0.00	53.21 2.75 0.00	99.97 5.67 0.00	68.14 4.24 0.00	103.60 6.27 0.00	70.30 4.37 0.00	68.63 4.31 0.00	76.52 4.28 0.00	60.10 3.52 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.22 0.89 0.00	45.54 0.71 0.00	42.56 0.69 0.00	39.60 0.64 0.00	38.30 0.70 0.00	42.12 0.64 0.00	38.62 0.43 0.00	39.60 0.43 0.00	42.04 0.29 0.00	46.87 0.18 0.00	48.48 0.23 0.00	70.20 0.55 0.00	68.47 1.01 -0.49	82.05 1.65 -2.83	61.99 1.02 -2.12	58.23 1.07 -1.49	55.31 1.38 -3.47	106.15 4.13 -7.72	70.06 3.09 -3.06	101.96 4.46 -0.17	68.68 2.75 0.00	66.69 2.37 0.00	74.29 2.05 0.00	57.87 1.29 0.00
ETNA____115KV_TB2 80207	44.22 0.89 0.00	45.54 0.71 0.00	42.56 0.69 0.00	39.60 0.64 0.00	38.30 0.70 0.00	42.12 0.64 0.00	38.62 0.43 0.00	39.60 0.43 0.00	42.04 0.29 0.00	46.87 0.18 0.00	48.48 0.23 0.00	70.20 0.55 0.00	68.47 1.01 -0.49	82.05 1.65 -2.83	61.99 1.02 -2.12	58.23 1.07 -1.49	55.31 1.38 -3.47	106.15 4.13 -7.72	70.06 3.09 -3.06	101.96 4.46 -0.17	68.68 2.75 0.00	66.69 2.37 0.00	74.29 2.05 0.00	57.87 1.29 0.00
EUCLID__115KV_TB2 356179	42.85 -0.47 0.00	44.13 -0.70 0.00	41.27 -0.60 0.00	38.43 -0.53 0.00	37.15 -0.46 0.00	40.89 -0.59 0.00	37.55 -0.64 0.00	38.50 -0.66 0.00	41.08 -0.67 0.00	45.99 -0.70 0.00	47.70 -0.63 -0.07	69.93 -0.70 -0.98	66.69 -0.44 -0.16	79.01 -0.32 -1.76	60.50 -0.23 -1.88	55.73 -0.03 -0.09	50.68 0.22 0.00	95.44 1.14 0.00	65.89 0.75 -1.24	99.48 0.79 -1.35	66.36 0.25 -0.17	66.52 0.08 -2.12	73.88 -0.24 -1.88	58.01 -0.37 -1.80
E_CANADA_CAP_HY 24051	45.93 2.60 0.00	47.19 2.36 0.00	44.07 2.20 0.00	40.97 2.02 0.00	39.59 1.99 0.00	43.71 2.23 0.00	39.94 1.76 0.00	40.46 1.30 0.00	43.11 1.37 0.00	48.15 1.56 0.10	47.50 1.67 2.42	72.21 2.58 0.01	67.79 2.65 1.83	80.44 3.21 0.35	61.20 2.47 0.12	57.94 2.27 0.00	52.61 2.14 0.00	99.19 4.89 0.00	68.05 4.15 0.00	103.71 6.37 0.00	70.45 4.51 0.00	69.00 4.69 0.00	77.17 4.94 0.00	60.69 4.11 0.00
E_CANADA_MHWK_HY 24050	43.98 0.66 0.00	45.52 0.69 0.00	42.77 0.91 0.00	39.82 0.86 0.00	38.43 0.82 0.00	42.21 0.73 0.00	38.68 0.50 0.00	39.22 0.05 0.00	41.10 -0.64 0.00	45.59 -1.10 0.00	47.24 -1.02 0.00	68.38 -1.27 0.00	65.82 -1.14 0.00	76.52 -1.06 0.00	57.96 -0.89 0.00	55.68 0.02 0.00	50.98 0.52 0.00	97.51 3.21 0.00	66.98 3.07 0.00	102.46 5.13 0.00	69.04 3.10 0.00	66.72 2.41 0.00	73.82 1.58 0.00	57.13 0.55 0.00
E_FISHKILL__LBMP 23776	45.71 2.39 0.00	47.15 2.32 0.00	44.28 2.41 0.00	41.17 2.22 0.00	39.66 2.05 0.00	43.53 2.05 0.00	40.01 1.83 0.00	41.14 1.97 0.00	43.89 2.15 0.00	49.92 3.10 -0.13	54.87 3.41 -3.20	74.41 4.75 -0.02	73.60 4.70 -1.93	80.93 5.52 2.16	61.21 4.17 1.81	58.98 4.69 1.38	51.89 4.65 3.22	95.81 8.72 7.21	66.84 5.79 2.85	105.85 8.68 0.16	70.09 4.16 0.00	67.54 3.23 0.00	75.16 2.92 0.00	58.48 1.90 0.00
FALCON__SEABRD_CC1 323796	44.02 0.69 0.00	45.59 0.75 0.00	42.32 0.45 0.00	39.20 0.24 0.00	37.76 0.16 0.00	41.84 0.36 0.00	38.75 0.56 0.00	39.78 0.62 0.00	42.20 0.45 0.00	47.03 0.34 0.00	48.37 0.12 0.00	69.24 -0.41 0.00	65.59 -1.37 0.00	75.65 -1.93 0.00	57.22 -1.63 0.00	53.60 -2.07 0.00	47.97 -2.49 0.00	88.89 -5.41 0.00	60.38 -3.53 0.00	92.56 -4.78 0.00	62.96 -2.97 0.00	61.90 -2.41 0.00	70.55 -1.69 0.00	56.13 -0.44 0.00
FALCON__SEABRD_CC2 323797	44.02 0.69 0.00	45.59 0.75 0.00	42.32 0.45 0.00	39.20 0.24 0.00	37.76 0.16 0.00	41.84 0.36 0.00	38.75 0.56 0.00	39.78 0.62 0.00	42.20 0.45 0.00	47.03 0.34 0.00	48.37 0.12 0.00	69.24 -0.41 0.00	65.59 -1.37 0.00	75.65 -1.93 0.00	57.22 -1.63 0.00	53.60 -2.07 0.00	47.97 -2.49 0.00	88.89 -5.41 0.00	60.38 -3.53 0.00	92.56 -4.78 0.00	62.96 -2.97 0.00	61.90 -2.41 0.00	70.55 -1.69 0.00	56.13 -0.44 0.00

FAR ROCKAWAY___4 23548	47.67 4.35 0.00	49.13 4.30 0.00	45.95 4.08 0.00	42.62 3.67 0.00	40.98 3.38 0.00	44.83 3.35 0.00	41.11 2.93 0.00	42.33 3.16 0.00	45.36 3.61 0.00	52.06 5.24 -0.13	57.01 5.54 -3.22	77.17 7.50 -0.02	91.88 7.81 -17.10	150.07 8.85 -63.65	112.24 6.86 -46.53	95.06 7.38 -32.02	133.91 7.21 -76.24	277.98 12.67 -171.01	139.15 8.64 -66.60	118.05 13.10 -7.61	73.88 6.59 -1.36	70.53 5.37 -0.84	77.37 5.13 0.00	60.07 3.48 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.79 3.47 0.00	48.18 3.35 0.00	45.26 3.39 0.00	42.08 3.12 0.00	40.51 2.91 0.00	44.35 2.86 0.00	40.82 2.64 0.00	42.06 2.89 0.00	44.95 3.20 0.00	51.37 4.55 -0.13	56.44 4.97 -3.22	76.59 6.93 -0.02	86.90 6.97 -12.96	147.10 8.05 -61.47	110.68 6.00 -45.82	94.30 6.48 -32.15	131.70 6.26 -74.97	272.53 11.66 -166.57	137.59 7.68 -66.00	112.57 11.53 -3.71	71.66 5.73 0.00	68.97 4.66 0.00	76.69 4.46 0.00	59.70 3.12 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.87 3.54 0.00	48.25 3.42 0.00	45.33 3.47 0.00	42.15 3.19 0.00	40.58 2.98 0.00	44.41 2.93 0.00	40.88 2.69 0.00	42.11 2.95 0.00	45.06 3.31 0.00	51.42 4.60 -0.13	56.47 4.99 -3.22	76.62 6.96 -0.02	86.92 6.99 -12.96	147.13 8.09 -61.47	110.69 6.02 -45.82	94.33 6.51 -32.15	131.73 6.30 -74.97	272.58 11.71 -166.57	137.63 7.72 -66.00	112.64 11.59 -3.71	71.69 5.76 0.00	69.02 4.70 0.00	76.76 4.52 0.00	59.75 3.17 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.75 3.43 0.00	48.14 3.31 0.00	45.23 3.36 0.00	42.06 3.10 0.00	40.50 2.89 0.00	44.32 2.84 0.00	40.80 2.62 0.00	42.04 2.87 0.00	44.98 3.23 0.00	51.33 4.51 -0.13	56.39 4.92 -3.22	76.53 6.86 -0.02	86.83 6.90 -12.96	147.01 7.96 -61.47	110.61 5.94 -45.82	94.24 6.43 -32.15	131.65 6.21 -74.97	272.42 11.55 -166.57	137.52 7.62 -66.00	112.45 11.41 -3.71	71.57 5.64 0.00	68.90 4.59 0.00	76.61 4.37 0.00	59.64 3.06 0.00
FARRAGUT___LBMP 323566	46.71 3.39 0.00	48.10 3.26 0.00	45.19 3.33 0.00	42.02 3.06 0.00	40.46 2.85 0.00	44.28 2.80 0.00	40.76 2.57 0.00	41.98 2.82 0.00	44.93 3.18 0.00	51.27 4.45 -0.13	56.32 4.85 -3.22	76.43 6.77 -0.02	86.72 6.79 -12.96	146.89 7.85 -61.47	110.51 5.84 -45.82	94.16 6.35 -32.15	131.57 6.14 -74.97	272.28 11.41 -166.57	137.43 7.53 -66.00	112.34 11.30 -3.71	71.50 5.57 0.00	68.83 4.52 0.00	76.54 4.30 0.00	59.58 3.00 0.00
FENNER___WINDPWR 24204	44.27 0.95 0.00	45.63 0.80 0.00	42.66 0.79 0.00	39.70 0.74 0.00	38.39 0.79 0.00	42.29 0.81 0.00	38.82 0.63 0.00	39.69 0.53 0.00	42.20 0.46 0.00	47.18 0.49 0.00	48.80 0.54 0.00	70.58 0.94 0.00	68.05 1.08 0.00	79.13 1.55 0.00	60.01 1.16 0.00	56.93 1.27 0.00	52.05 1.59 0.00	98.30 4.00 0.00	66.78 2.87 0.00	101.66 4.32 0.00	71.44 2.69 -2.82	68.09 2.39 -1.39	74.38 2.14 0.00	57.84 1.26 0.00
FIBERTEK___ENERGY 23856	43.26 -0.06 0.00	44.56 -0.27 0.00	41.67 -0.20 0.00	38.80 -0.16 0.00	37.50 -0.11 0.00	41.28 -0.21 0.00	37.89 -0.29 0.00	38.88 -0.29 0.00	41.43 -0.32 0.00	46.35 -0.34 0.00	48.17 -0.24 -0.15	71.55 -0.15 -2.05	67.51 0.20 -0.34	81.77 0.53 -3.67	63.19 0.42 -3.92	56.45 0.59 -0.19	51.25 0.79 0.00	96.65 2.35 0.00	68.08 1.60 -2.58	102.30 2.14 -2.83	67.41 1.13 -0.35	69.62 0.88 -4.42	76.76 0.60 -3.92	60.57 0.24 -3.75
FITZPATRICK___ 23598	42.14 -1.18 0.00	43.44 -1.40 0.00	40.63 -1.23 0.00	37.84 -1.12 0.00	36.57 -1.04 0.00	40.26 -1.23 0.00	36.98 -1.20 0.00	37.93 -1.23 0.00	40.43 -1.31 0.00	45.24 -1.45 0.00	45.41 -1.42 1.43	48.57 -1.92 19.15	62.07 -1.68 3.22	41.43 -1.82 34.32	20.78 -1.39 36.68	52.69 -1.20 1.78	49.55 -0.91 0.00	93.15 -1.15 0.00	38.98 -0.79 24.13	69.45 -1.42 26.46	61.44 -1.19 3.31	21.65 -1.29 41.37	33.91 -1.67 36.65	20.08 -1.41 35.09
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.38 3.06 0.00	47.81 2.98 0.00	44.85 2.98 0.00	41.69 2.73 0.00	40.17 2.56 0.00	44.07 2.59 0.00	40.53 2.34 0.00	41.71 2.54 0.00	44.54 2.80 0.00	50.74 3.93 -0.12	55.64 4.31 -3.07	75.84 6.17 -0.02	79.57 6.18 -6.42	109.26 7.37 -24.31	82.51 5.63 -18.02	74.46 6.21 -12.58	85.91 6.11 -29.34	171.14 11.66 -65.17	97.45 7.72 -25.82	110.30 11.52 -1.45	71.78 5.85 0.00	69.14 4.83 0.00	76.82 4.58 0.00	59.66 3.08 0.00
FORT ORANGE___ 23900	44.15 0.83 0.00	45.62 0.78 0.00	42.83 0.96 0.00	39.84 0.88 0.00	38.46 0.85 0.00	42.28 0.80 0.00	38.85 0.66 0.00	39.66 0.49 0.00	42.18 0.43 0.00	47.06 0.46 0.09	46.46 0.35 2.15	69.77 0.13 0.01	65.30 -0.02 1.65	74.68 -0.16 2.74	53.47 -0.12 5.27	55.27 0.35 0.74	49.87 0.79 1.38	94.65 1.91 1.56	65.47 1.57 0.00	99.83 2.50 0.00	67.14 1.21 0.00	64.99 0.68 0.00	72.52 0.28 0.00	56.36 -0.22 0.00
FORT_DRUM_COGEN 23780	45.34 2.02 0.00	46.70 1.87 0.00	43.63 1.77 0.00	40.59 1.63 0.00	39.26 1.66 0.00	43.39 1.91 0.00	39.71 1.52 0.00	40.16 0.99 0.00	42.80 1.06 0.00	47.94 1.25 0.00	49.36 0.96 -0.15	72.82 1.18 -2.00	68.41 1.11 -0.34	82.57 1.42 -3.57	63.36 0.69 -3.82	56.37 0.52 -0.18	51.56 1.10 0.00	96.91 2.61 0.00	69.88 3.46 -2.52	106.24 6.15 -2.76	90.34 5.00 -19.42	82.89 4.86 -13.72	81.17 5.11 -3.82	63.67 3.43 -3.66
FOX_HILLS___ESR 323835	46.83 3.51 0.00	48.20 3.36 0.00	45.38 3.51 0.00	42.21 3.25 0.00	40.64 3.04 0.00	44.48 3.00 0.00	40.94 2.76 0.00	42.19 3.02 0.00	45.05 3.30 0.00	51.32 4.50 -0.13	56.33 4.86 -3.22	76.67 7.00 -0.02	86.95 7.04 -12.94	147.08 8.13 -61.37	110.45 5.85 -45.75	93.95 6.19 -32.10	131.20 5.89 -74.85	271.36 10.76 -166.30	137.27 7.47 -65.89	112.35 11.31 -3.70	71.40 5.46 0.00	68.77 4.46 0.00	76.50 4.27 0.00	59.66 3.08 0.00
FPL_FAR_ROCK_GT1 24212	47.67 4.35 0.00	49.13 4.29 0.00	45.95 4.08 0.00	42.62 3.66 0.00	40.98 3.38 0.00	44.83 3.35 0.00	41.11 2.93 0.00	42.33 3.16 0.00	45.35 3.61 0.00	52.07 5.25 -0.13	56.98 5.51 -3.22	77.17 7.50 -0.02	91.87 7.80 -17.10	150.04 8.82 -63.65	112.22 6.84 -46.53	95.06 7.37 -32.02	133.81 7.11 -76.24	277.86 12.55 -171.01	139.09 8.59 -66.60	117.65 12.71 -7.61	73.82 6.53 -1.36	70.51 5.35 -0.84	77.37 5.13 0.00	60.08 3.49 0.00
FPL_FAR_ROCK_GT2 23815	47.67 4.35 0.00	49.13 4.29 0.00	45.95 4.08 0.00	42.62 3.66 0.00	40.98 3.38 0.00	44.83 3.35 0.00	41.11 2.93 0.00	42.33 3.16 0.00	45.35 3.61 0.00	52.07 5.25 -0.13	56.98 5.51 -3.22	77.17 7.50 -0.02	91.87 7.80 -17.10	150.04 8.82 -63.65	112.22 6.84 -46.53	95.06 7.37 -32.02	133.81 7.11 -76.24	277.86 12.55 -171.01	139.09 8.59 -66.60	117.65 12.71 -7.61	73.82 6.53 -1.36	70.51 5.35 -0.84	77.37 5.13 0.00	60.08 3.49 0.00
FRANKLIN_FALL_HYD 24054	43.93 0.61 0.00	45.55 0.71 0.00	42.22 0.35 0.00	39.10 0.14 0.00	37.72 0.11 0.00	41.96 0.47 0.00	38.79 0.60 0.00	39.80 0.63 0.00	42.44 0.70 0.00	47.46 0.77 0.00	48.80 0.54 0.00	70.20 0.55 0.00	67.13 0.16 0.00	77.72 0.15 0.00	58.78 -0.08 0.00	54.89 -0.78 0.00	49.21 -1.25 0.00	90.71 -3.59 0.00	61.68 -2.22 0.00	94.75 -2.58 0.00	86.83 -1.06 -21.96	74.56 -0.59 -10.83	72.70 0.46 0.00	57.42 0.84 0.00

FREEPORT_EQUS_GT1 23764	47.18 3.86 0.00	48.71 3.88 0.00	45.55 3.68 0.00	42.24 3.28 0.00	40.60 2.99 0.00	44.44 2.96 0.00	40.73 2.54 0.00	41.91 2.74 0.00	44.92 3.18 0.00	51.56 4.74 -0.13	56.33 4.86 -3.22	76.42 6.75 -0.02	87.89 6.98 -13.94	146.04 7.41 -61.06	110.19 5.85 -45.49	93.94 6.40 -31.87	131.19 6.25 -74.47	271.05 11.28 -165.46	136.80 7.68 -65.22	110.18 11.24 -1.60	70.23 5.73 1.43	68.43 4.82 0.71	76.71 4.47 0.00	59.56 2.98 0.00
FREEPORT___CT2 23818	47.18 3.86 0.00	48.71 3.88 0.00	45.55 3.68 0.00	42.24 3.28 0.00	40.60 2.99 0.00	44.44 2.96 0.00	40.73 2.54 0.00	41.91 2.74 0.00	44.92 3.18 0.00	51.56 4.74 -0.13	56.33 4.86 -3.22	76.42 6.75 -0.02	87.89 6.98 -13.94	146.04 7.41 -61.06	110.19 5.85 -45.49	93.94 6.40 -31.87	131.19 6.25 -74.47	271.05 11.28 -165.46	136.80 7.68 -65.22	110.18 11.24 -1.60	70.23 5.73 1.43	68.43 4.82 0.71	76.71 4.47 0.00	59.56 2.98 0.00
FRESHKLS_33_KV_LOAD 356253	46.90 3.58 0.00	48.25 3.42 0.00	45.48 3.62 0.00	42.33 3.37 0.00	40.76 3.15 0.00	44.61 3.13 0.00	41.06 2.87 0.00	42.29 3.12 0.00	45.11 3.36 0.00	51.29 4.48 -0.13	56.29 4.81 -3.22	76.74 7.07 -0.02	87.09 7.18 -12.94	147.29 8.34 -61.37	110.53 5.93 -45.75	93.90 6.26 -31.97	131.07 5.88 -74.72	271.39 10.79 -166.30	137.34 7.54 -65.89	112.39 11.35 -3.70	70.67 5.46 0.72	68.79 4.48 0.00	76.45 4.28 0.07	59.66 3.08 0.00
FULTON COGEN____ 23766	42.63 -0.69 0.00	43.83 -1.00 0.00	41.05 -0.82 0.00	38.23 -0.72 0.00	36.96 -0.65 0.00	40.64 -0.85 0.00	37.37 -0.81 0.00	38.32 -0.84 0.00	40.83 -0.92 0.00	45.72 -0.97 0.00	47.76 -0.87 -0.38	73.64 -1.13 -5.13	66.94 -0.89 -0.86	85.90 -0.87 -9.19	68.08 -0.60 -9.82	55.73 -0.41 -0.48	50.38 -0.09 0.00	94.83 0.53 0.00	70.79 0.42 -6.46	104.79 0.37 -7.09	66.79 -0.03 -0.89	75.20 -0.20 -11.08	81.47 -0.60 -9.82	65.32 -0.66 -9.40
FULTON___LFGE 323630	45.93 2.61 0.00	47.28 2.45 0.00	44.23 2.36 0.00	41.13 2.17 0.00	39.72 2.11 0.00	43.82 2.35 0.00	40.03 1.85 0.00	40.28 1.12 0.00	42.57 0.83 0.00	47.23 0.66 0.11	46.27 0.71 2.69	70.94 1.31 0.01	66.03 1.11 2.05	78.65 1.47 0.39	60.00 1.28 0.13	57.35 1.68 0.00	52.24 1.78 0.00	99.95 5.65 0.00	68.86 4.96 0.00	105.14 7.80 0.00	71.25 5.32 0.00	69.48 5.16 0.00	77.54 5.30 0.00	60.61 4.03 0.00
G.F.CEMENT___DRP 24184	45.37 2.04 0.00	46.93 2.10 0.00	44.13 2.26 0.00	41.04 2.08 0.00	39.59 1.99 0.00	43.70 2.22 0.00	40.15 1.96 0.00	41.03 1.86 0.00	43.22 1.47 0.00	47.91 1.42 0.19	44.74 1.20 4.72	72.03 2.41 0.03	65.26 1.90 3.60	79.31 2.42 0.69	60.54 1.92 0.23	58.26 2.59 0.00	53.26 2.79 0.00	100.64 6.35 0.00	68.80 4.90 0.00	105.38 8.04 0.00	71.11 5.18 0.00	68.64 4.32 0.00	76.30 4.06 0.00	59.17 2.59 0.00
GARDENVILLE___LBMP 24039	43.18 -0.15 0.00	44.08 -0.76 0.00	40.99 -0.88 0.00	38.13 -0.83 0.00	37.06 -0.55 0.00	40.73 -0.75 0.00	36.93 -1.25 0.00	37.83 -1.34 0.00	40.76 -0.98 0.00	46.11 -0.57 0.00	47.38 -0.88 0.00	69.14 -0.51 0.00	67.03 0.07 0.00	77.79 0.21 0.00	58.60 -0.25 0.00	55.49 -0.18 0.00	50.75 0.28 0.00	96.97 2.67 0.00	65.22 1.31 0.00	97.39 0.06 0.00	64.94 -1.00 0.00	63.72 -0.60 0.00	71.79 -0.45 0.00	56.69 0.11 0.00
GARDNVLA_35_KV_LD 355827	43.29 -0.03 0.00	44.18 -0.66 0.00	41.07 -0.80 0.00	38.19 -0.77 0.00	37.11 -0.50 0.00	40.80 -0.68 0.00	37.01 -1.18 0.00	37.96 -1.20 0.00	40.98 -0.77 0.00	46.44 -0.25 0.00	47.76 -0.49 0.00	69.73 0.08 0.00	67.58 0.61 0.00	78.47 0.89 0.00	59.13 0.28 0.00	55.98 0.32 0.00	51.17 0.70 0.00	97.77 3.47 0.00	65.67 1.76 0.00	98.08 0.74 0.00	65.41 -0.52 0.00	64.19 -0.12 0.00	72.30 0.06 0.00	57.10 0.51 0.00
GELCKHM___115KV_LOAD 80723	42.99 -0.33 0.00	44.28 -0.55 0.00	41.42 -0.45 0.00	38.57 -0.39 0.00	37.28 -0.33 0.00	41.03 -0.45 0.00	37.67 -0.51 0.00	38.64 -0.53 0.00	41.20 -0.55 0.00	46.11 -0.58 0.00	47.87 -0.49 -0.11	70.58 -0.52 -1.45	67.01 -0.20 -0.24	80.15 -0.02 -2.59	61.63 0.01 -2.77	56.00 0.20 -0.13	50.89 0.43 0.00	95.89 1.59 0.00	66.80 1.07 -1.82	100.62 1.29 -2.00	66.77 0.58 -0.25	67.82 0.38 -3.13	75.08 0.07 -2.77	59.10 -0.13 -2.65
GENERAL___MILLS 23808	43.21 -0.11 0.00	44.11 -0.73 0.00	41.02 -0.85 0.00	38.14 -0.81 0.00	37.07 -0.54 0.00	40.76 -0.73 0.00	36.97 -1.22 0.00	37.91 -1.26 0.00	40.90 -0.84 0.00	46.33 -0.35 0.00	47.62 -0.63 0.00	69.52 -0.13 0.00	67.35 0.38 0.00	78.19 0.62 0.00	58.92 0.07 0.00	55.78 0.12 0.00	50.99 0.53 0.00	97.44 3.13 0.00	65.45 1.54 0.00	97.75 0.41 0.00	65.20 -0.72 0.00	64.00 -0.31 0.00	72.11 -0.13 0.00	56.95 0.37 0.00
GE_PLASTICS___DRP 24183	44.09 0.77 0.00	45.57 0.74 0.00	42.79 0.92 0.00	39.82 0.86 0.00	38.42 0.81 0.00	42.24 0.75 0.00	38.77 0.59 0.00	39.64 0.47 0.00	42.22 0.48 0.00	47.26 0.63 0.06	47.33 0.62 1.54	70.20 0.56 0.01	66.03 0.26 1.20	35.09 0.07 42.56	-31.49 0.06 90.40	43.25 0.47 12.89	26.99 0.74 24.21	68.64 1.68 27.35	65.11 1.21 0.00	99.26 1.92 0.00	66.70 0.77 0.00	64.58 0.27 0.00	72.17 -0.07 0.00	56.17 -0.41 0.00
GILBOA___1 23756	44.49 1.17 0.00	46.13 1.29 0.00	43.54 1.67 0.00	40.50 1.54 0.00	39.08 1.47 0.00	42.93 1.45 0.00	39.16 0.97 0.00	40.02 0.85 0.00	42.63 0.88 0.00	47.79 1.07 -0.03	50.21 1.20 -0.75	71.35 1.70 0.00	69.20 1.67 -0.56	79.46 1.77 -0.11	60.21 1.32 -0.04	57.22 1.56 0.00	52.11 1.65 0.00	97.46 3.15 0.00	65.99 2.09 0.00	100.51 3.18 0.00	67.83 1.90 0.00	65.90 1.58 0.00	73.67 1.42 0.00	57.39 0.81 0.00
GILBOA___2 23757	44.49 1.17 0.00	46.13 1.29 0.00	43.54 1.67 0.00	40.50 1.54 0.00	39.08 1.47 0.00	42.93 1.45 0.00	39.16 0.97 0.00	40.02 0.85 0.00	42.63 0.88 0.00	47.79 1.07 -0.03	50.21 1.20 -0.75	71.35 1.70 0.00	69.20 1.67 -0.56	79.46 1.77 -0.11	60.21 1.32 -0.04	57.22 1.56 0.00	52.11 1.65 0.00	97.46 3.15 0.00	65.99 2.09 0.00	100.51 3.18 0.00	67.83 1.90 0.00	65.90 1.58 0.00	73.67 1.42 0.00	57.39 0.81 0.00
GILBOA___3 23758	44.49 1.17 0.00	46.13 1.29 0.00	43.54 1.67 0.00	40.50 1.54 0.00	39.08 1.47 0.00	42.93 1.45 0.00	39.16 0.97 0.00	40.02 0.85 0.00	42.63 0.88 0.00	47.79 1.07 -0.03	50.21 1.20 -0.75	71.35 1.70 0.00	69.20 1.67 -0.56	79.46 1.77 -0.11	60.21 1.32 -0.04	57.22 1.56 0.00	52.11 1.65 0.00	97.46 3.15 0.00	65.99 2.09 0.00	100.51 3.18 0.00	67.83 1.90 0.00	65.90 1.58 0.00	73.67 1.42 0.00	57.39 0.81 0.00
GILBOA___4 23759	44.49 1.17 0.00	46.13 1.29 0.00	43.54 1.67 0.00	40.50 1.54 0.00	39.08 1.47 0.00	42.93 1.45 0.00	39.16 0.97 0.00	40.02 0.85 0.00	42.63 0.88 0.00	47.79 1.07 -0.03	50.21 1.20 -0.75	71.35 1.70 0.00	69.20 1.67 -0.56	79.46 1.77 -0.11	60.21 1.32 -0.04	57.22 1.56 0.00	52.11 1.65 0.00	97.46 3.15 0.00	65.99 2.09 0.00	100.51 3.18 0.00	67.83 1.90 0.00	65.90 1.58 0.00	73.67 1.42 0.00	57.39 0.81 0.00

GILBOA____ 23599	44.49 1.17 0.00	46.13 1.29 0.00	43.54 1.67 0.00	40.50 1.54 0.00	39.08 1.47 0.00	42.93 1.45 0.00	39.16 0.97 0.00	40.02 0.86 0.00	42.63 0.88 0.00	47.79 1.07 -0.03	50.21 1.20 -0.75	71.36 1.70 0.00	69.20 1.67 -0.56	79.46 1.77 -0.11	60.21 1.32 -0.04	57.22 1.55 0.00	52.11 1.65 0.00	97.46 3.16 0.00	65.99 2.09 0.00	100.56 3.23 0.00	67.84 1.90 0.00	65.90 1.58 0.00	73.67 1.42 0.00	57.39 0.81 0.00
GINNA____ 23603	41.40 -1.78 0.15	42.14 -2.24 0.45	39.68 -2.17 0.02	36.95 -2.01 0.00	35.80 -1.81 0.00	39.46 -2.02 0.00	36.06 -2.13 0.00	37.00 -2.17 0.00	39.74 -2.01 0.00	44.83 -1.86 0.00	46.38 -1.87 0.00	67.48 -2.17 0.00	65.43 -1.54 0.00	76.15 -1.43 0.00	57.81 -1.04 0.00	54.65 -1.01 0.00	49.90 -0.56 0.00	94.65 0.34 0.00	63.90 0.00 0.00	96.20 -1.14 0.00	64.43 -1.51 0.00	62.75 -1.56 0.00	70.29 -1.95 0.00	55.13 -1.45 0.00
GLEN PARK____ 23778	45.50 2.18 0.00	46.85 2.02 0.00	43.77 1.90 0.00	40.72 1.76 0.00	39.39 1.78 0.00	43.53 2.05 0.00	39.83 1.64 0.00	40.26 1.09 0.00	42.93 1.19 0.00	48.08 1.40 0.00	49.45 1.04 -0.16	72.99 1.24 -2.11	68.44 1.12 -0.35	82.83 1.47 -3.78	63.58 0.69 -4.04	56.42 0.55 -0.19	51.62 1.16 0.00	97.12 2.82 0.00	70.38 3.82 -2.66	107.10 6.85 -2.91	89.92 5.57 -18.41	83.19 5.42 -13.46	81.94 5.66 -4.04	64.23 3.79 -3.87
GLENDALE_27_KV_LOAD 356172	47.06 3.74 0.00	48.45 3.61 0.00	45.51 3.65 0.00	42.30 3.34 0.00	40.72 3.11 0.00	44.58 3.10 0.00	41.06 2.88 0.00	42.37 3.21 0.00	45.35 3.61 0.00	51.74 4.92 -0.13	56.82 5.35 -3.22	77.01 7.34 -0.02	87.23 7.32 -12.94	147.35 8.40 -61.37	110.89 6.30 -45.75	94.50 6.74 -32.10	131.73 6.41 -74.85	272.31 11.72 -166.30	137.68 7.88 -65.89	112.90 11.86 -3.70	71.85 5.92 0.00	69.13 4.81 0.00	76.84 4.60 0.00	59.92 3.34 0.00
GLENWOOD_IC_1_G5 23712	46.92 3.60 0.00	48.40 3.57 0.00	45.35 3.48 0.00	42.10 3.14 0.00	40.51 2.91 0.00	44.34 2.86 0.00	40.73 2.55 0.00	41.92 2.76 0.00	44.90 3.15 0.00	51.39 4.57 -0.13	56.40 4.93 -3.22	76.18 6.52 -0.02	86.98 6.59 -13.42	146.25 7.62 -61.06	110.27 5.91 -45.51	94.02 6.43 -31.92	131.23 6.29 -74.47	271.29 11.53 -165.46	137.05 7.66 -65.48	112.03 11.51 -3.19	71.19 5.59 0.34	68.59 4.44 0.17	76.48 4.23 0.00	59.64 3.05 0.00
GLENWOOD_IC_2_G1 23688	46.67 3.35 0.00	48.11 3.28 0.00	45.13 3.26 0.00	41.92 2.96 0.00	40.34 2.74 0.00	44.18 2.71 0.00	40.60 2.41 0.00	41.77 2.60 0.00	44.69 2.95 0.00	51.10 4.28 -0.13	56.09 4.62 -3.22	76.04 6.38 -0.02	86.35 6.49 -12.89	146.13 7.49 -61.06	110.10 5.73 -45.52	93.87 6.26 -31.94	131.02 6.08 -74.47	270.97 11.21 -165.46	136.94 7.47 -65.56	112.06 11.04 -3.68	71.41 5.48 0.00	68.72 4.41 0.00	76.32 4.08 0.00	59.37 2.80 0.00
GLENWOOD_IC_3_G1 23689	46.67 3.35 0.00	48.11 3.28 0.00	45.13 3.26 0.00	41.92 2.96 0.00	40.34 2.74 0.00	44.18 2.71 0.00	40.60 2.41 0.00	41.77 2.60 0.00	44.69 2.95 0.00	51.10 4.28 -0.13	56.09 4.62 -3.22	76.04 6.38 -0.02	86.35 6.49 -12.89	146.13 7.49 -61.06	110.10 5.73 -45.52	93.87 6.26 -31.94	131.02 6.08 -74.47	270.97 11.21 -165.46	136.94 7.47 -65.56	112.06 11.04 -3.68	71.41 5.48 0.00	68.72 4.41 0.00	76.32 4.08 0.00	59.37 2.80 0.00
GLENWOOD____4 23550	46.92 3.60 0.00	48.40 3.57 0.00	45.35 3.48 0.00	42.10 3.14 0.00	40.51 2.91 0.00	44.34 2.86 0.00	40.73 2.55 0.00	41.92 2.76 0.00	44.90 3.15 0.00	51.39 4.57 -0.13	56.40 4.93 -3.22	76.29 6.63 -0.02	87.14 6.75 -13.42	146.43 7.79 -61.06	110.40 6.03 -45.51	94.15 6.56 -31.92	131.37 6.43 -74.47	271.51 11.75 -165.46	137.21 7.82 -65.48	112.26 11.74 -3.19	71.37 5.77 0.34	68.74 4.60 0.17	76.58 4.34 0.00	59.64 3.05 0.00
GLENWOOD____5 23614	46.92 3.60 0.00	48.40 3.57 0.00	45.35 3.48 0.00	42.10 3.14 0.00	40.51 2.91 0.00	44.34 2.86 0.00	40.73 2.55 0.00	41.92 2.76 0.00	44.90 3.15 0.00	51.39 4.57 -0.13	56.40 4.93 -3.22	76.29 6.63 -0.02	87.14 6.75 -13.42	146.43 7.79 -61.06	110.40 6.03 -45.51	94.15 6.56 -31.92	131.37 6.43 -74.47	271.51 11.75 -165.46	137.21 7.82 -65.48	112.26 11.74 -3.19	71.37 5.77 0.34	68.74 4.60 0.17	76.58 4.34 0.00	59.64 3.05 0.00
GLOBAL GREEN_PORT_GT1 23814	48.72 5.39 0.00	50.28 5.45 0.00	46.88 5.01 0.00	43.35 4.39 0.00	41.62 4.01 0.00	45.41 3.93 0.00	41.65 3.47 0.00	42.97 3.80 0.00	46.19 4.45 0.00	53.49 6.67 -0.13	58.23 6.76 -3.22	78.45 9.46 0.66	87.26 9.92 -10.38	142.48 11.70 -53.20	108.92 8.95 -41.11	94.49 9.55 -29.28	128.37 9.16 -68.74	265.91 14.32 -157.28	153.01 10.99 -78.11	116.41 16.62 -2.45	71.63 9.07 3.37	67.93 6.90 3.28	75.47 6.28 3.05	60.70 4.39 0.27
GLOBE____DSASP 323697	42.25 -1.08 0.00	43.14 -1.70 0.00	40.13 -1.73 0.00	37.36 -1.60 0.00	36.30 -1.30 0.00	39.97 -1.52 0.00	36.15 -2.04 0.00	36.84 -2.32 0.00	39.74 -2.00 0.00	45.06 -1.62 0.00	46.02 -2.23 0.00	67.00 -2.64 0.00	64.86 -2.11 0.00	74.94 -2.64 0.00	56.54 -2.31 0.00	53.49 -2.18 0.00	48.85 -1.61 0.00	93.22 -1.08 0.00	62.95 -0.96 0.00	93.70 -3.63 0.00	62.74 -3.19 0.00	61.59 -2.72 0.00	69.66 -2.59 0.00	55.32 -1.26 0.00
GOETHSLN____LBMP 323567	46.47 3.15 0.00	47.87 3.03 0.00	44.98 3.11 0.00	41.85 2.89 0.00	40.29 2.68 0.00	44.09 2.61 0.00	40.57 2.38 0.00	41.79 2.62 0.00	44.70 2.96 0.00	51.01 4.19 -0.13	56.04 4.57 -3.22	75.98 6.31 -0.02	86.31 6.38 -12.96	141.06 7.33 -56.16	109.38 5.42 -45.10	92.98 5.93 -31.38	131.07 5.77 -74.83	271.55 10.69 -166.56	137.00 7.10 -66.00	111.67 10.63 -3.71	70.32 5.11 0.72	68.40 4.09 0.00	76.01 3.84 0.07	59.19 2.62 0.01
GOLAH____69_KV_TB 1_2 80279	43.79 0.46 0.00	44.81 -0.03 0.00	41.77 -0.10 0.00	38.86 -0.09 0.00	37.69 0.09 0.00	41.55 0.07 0.00	37.85 -0.34 0.00	38.80 -0.37 0.00	41.68 -0.07 0.00	47.04 0.35 0.00	48.51 0.25 0.00	70.65 1.01 0.00	68.56 1.59 0.00	79.97 2.39 0.00	60.78 1.93 0.00	57.43 1.76 0.00	52.43 1.97 0.00	99.84 5.53 0.00	67.37 3.46 0.00	101.04 3.71 0.00	67.61 1.67 0.00	66.02 1.71 0.00	74.08 1.83 0.00	58.20 1.62 0.00
GOODYEAR_LAKE_HYD 323669	45.33 2.01 0.00	46.69 1.85 0.00	43.76 1.89 0.00	40.71 1.75 0.00	39.33 1.72 0.00	43.22 1.74 0.00	39.57 1.39 0.00	40.51 1.34 0.00	43.26 1.51 0.00	48.18 1.49 0.00	49.93 1.68 0.00	72.24 2.59 0.00	70.33 2.78 -0.57	84.26 3.38 -3.30	63.79 2.47 -2.47	59.82 2.41 -1.74	56.96 2.44 -4.06	108.37 5.06 -9.01	71.02 3.54 -3.57	102.83 5.30 -0.20	69.75 3.81 0.00	67.81 3.49 0.00	75.53 3.29 0.00	59.02 2.44 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	43.83 0.51 0.00	45.10 0.27 0.00	42.19 0.33 0.00	39.27 0.31 0.00	38.03 0.43 0.00	41.69 0.20 0.00	38.21 0.02 0.00	39.26 0.10 0.00	41.79 0.04 0.00	46.66 -0.03 0.00	48.36 0.10 0.00	70.12 0.47 0.00	68.10 0.64 -0.48	81.42 1.05 -2.79	61.43 0.49 -2.09	57.80 0.66 -1.47	54.82 0.92 -3.43	105.00 3.07 -7.63	68.83 1.90 -3.02	99.97 2.47 -0.17	67.25 1.32 0.00	65.53 1.21 0.00	73.14 0.90 0.00	57.04 0.46 0.00

GOUDEY___7 23579	43.83 0.51 0.00	45.10 0.27 0.00	42.19 0.33 0.00	39.27 0.31 0.00	38.03 0.43 0.00	41.69 0.20 0.00	38.21 0.02 0.00	39.26 0.10 0.00	41.79 0.04 0.00	46.66 -0.03 0.00	48.36 0.10 0.00	70.12 0.47 0.00	68.10 0.64 -0.48	81.42 1.05 -2.79	61.43 0.49 -2.09	57.80 0.66 -1.47	54.82 0.92 -3.43	105.00 3.07 -7.63	68.83 1.90 -3.02	99.97 2.47 -0.17	67.25 1.32 0.00	65.53 1.21 0.00	73.14 0.90 0.00	57.04 0.46 0.00
GOUDEY___8 23580	43.83 0.51 0.00	45.10 0.27 0.00	42.19 0.33 0.00	39.27 0.31 0.00	38.03 0.43 0.00	41.69 0.20 0.00	38.21 0.02 0.00	39.26 0.10 0.00	41.79 0.04 0.00	46.66 -0.03 0.00	48.36 0.10 0.00	70.12 0.47 0.00	68.10 0.64 -0.48	81.42 1.05 -2.79	61.43 0.49 -2.09	57.80 0.66 -1.47	54.82 0.92 -3.43	105.00 3.07 -7.63	68.83 1.90 -3.02	99.97 2.47 -0.17	67.25 1.32 0.00	65.53 1.21 0.00	73.14 0.90 0.00	57.04 0.46 0.00
GOWANUS_GT1_1 24077	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.27 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.24 3.08 0.00	45.14 3.39 0.00	51.49 4.67 -0.13	56.54 5.07 -3.22	76.77 7.11 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.55 5.95 -45.75	94.08 6.32 -32.10	131.40 6.08 -74.85	271.68 11.08 -166.30	137.37 7.57 -65.89	112.63 11.60 -3.70	71.63 5.70 0.00	68.96 4.64 0.00	76.70 4.46 0.00	59.81 3.23 0.00
GOWANUS_GT1_2 24078	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.27 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.24 3.08 0.00	45.14 3.39 0.00	51.49 4.67 -0.13	56.54 5.07 -3.22	76.77 7.11 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.55 5.95 -45.75	94.08 6.32 -32.10	131.40 6.08 -74.85	271.68 11.08 -166.30	137.37 7.57 -65.89	112.63 11.60 -3.70	71.63 5.70 0.00	68.96 4.64 0.00	76.70 4.46 0.00	59.81 3.23 0.00
GOWANUS_GT1_3 24079	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.27 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.24 3.08 0.00	45.14 3.39 0.00	51.49 4.67 -0.13	56.54 5.07 -3.22	76.77 7.11 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.55 5.95 -45.75	94.08 6.32 -32.10	131.40 6.08 -74.85	271.68 11.08 -166.30	137.37 7.57 -65.89	112.63 11.60 -3.70	71.63 5.70 0.00	68.96 4.64 0.00	76.70 4.46 0.00	59.81 3.23 0.00
GOWANUS_GT1_4 24080	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.27 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.24 3.08 0.00	45.14 3.39 0.00	51.49 4.67 -0.13	56.54 5.07 -3.22	76.77 7.11 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.55 5.95 -45.75	94.08 6.32 -32.10	131.40 6.08 -74.85	271.68 11.08 -166.30	137.37 7.57 -65.89	112.63 11.60 -3.70	71.63 5.70 0.00	68.96 4.64 0.00	76.70 4.46 0.00	59.81 3.23 0.00
GOWANUS_GT1_5 24084	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.27 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.24 3.08 0.00	45.14 3.39 0.00	51.49 4.67 -0.13	56.54 5.07 -3.22	76.77 7.11 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.55 5.95 -45.75	94.08 6.32 -32.10	131.40 6.08 -74.85	271.68 11.08 -166.30	137.37 7.57 -65.89	112.63 11.60 -3.70	71.63 5.70 0.00	68.96 4.64 0.00	76.70 4.46 0.00	59.81 3.23 0.00
GOWANUS_GT1_6 24111	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00																					

GOWANUS_GT2_6 24119	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
GOWANUS_GT2_7 24120	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
GOWANUS_GT2_8 24121	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
GOWANUS_GT3_1 24122	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
GOWANUS_GT3_2 24123	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
GOWANUS_GT3_3 24124	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
GOWANUS_GT3_4 24125	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
GOWANUS_GT3_5 24126	46.92 3.60																							

GOWANUS_GT4_5 24134	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.27 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.24 3.08 0.00	45.14 3.39 0.00	51.49 4.67 -0.13	56.54 5.07 -3.22	76.77 7.11 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.55 5.95 -45.75	94.08 6.32 -32.10	131.40 6.08 -74.85	271.68 11.08 -166.30	137.37 7.57 -65.89	112.63 11.60 -3.70	71.63 5.70 0.00	68.96 4.64 0.00	76.70 4.46 0.00	59.81 3.23 0.00
GOWANUS_GT4_6 24135	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.27 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.24 3.08 0.00	45.14 3.39 0.00	51.49 4.67 -0.13	56.54 5.07 -3.22	76.77 7.11 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.55 5.95 -45.75	94.08 6.32 -32.10	131.40 6.08 -74.85	271.68 11.08 -166.30	137.37 7.57 -65.89	112.63 11.60 -3.70	71.63 5.70 0.00	68.96 4.64 0.00	76.70 4.46 0.00	59.81 3.23 0.00
GOWANUS_GT4_7 24136	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.27 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.24 3.08 0.00	45.14 3.39 0.00	51.49 4.67 -0.13	56.54 5.07 -3.22	76.77 7.11 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.55 5.95 -45.75	94.08 6.32 -32.10	131.40 6.08 -74.85	271.68 11.08 -166.30	137.37 7.57 -65.89	112.63 11.60 -3.70	71.63 5.70 0.00	68.96 4.64 0.00	76.70 4.46 0.00	59.81 3.23 0.00
GOWANUS_GT4_8 24137	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.27 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.24 3.08 0.00	45.14 3.39 0.00	51.49 4.67 -0.13	56.54 5.07 -3.22	76.77 7.11 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.55 5.95 -45.75	94.08 6.32 -32.10	131.40 6.08 -74.85	271.68 11.08 -166.30	137.37 7.57 -65.89	112.63 11.60 -3.70	71.63 5.70 0.00	68.96 4.64 0.00	76.70 4.46 0.00	59.81 3.23 0.00
GREATVRV_69_KV_BK1 356245	47.60 4.28 0.00	49.20 4.36 0.00	45.97 4.10 0.00	42.55 3.59 0.00	40.88 3.27 0.00	44.69 3.21 0.00	40.95 2.77 0.00	42.09 2.93 0.00	45.09 3.35 0.00	51.99 5.18 -0.13	56.89 5.42 -3.22	76.43 7.37 0.59	85.11 7.77 -10.37	139.11 8.88 -52.65	106.41 6.81 -40.75	91.97 7.32 -28.98	126.05 7.26 -68.32	263.48 12.91 -156.26	147.09 8.95 -74.24	113.37 13.93 -2.10	69.13 7.03 3.83	66.26 5.50 3.55	73.93 4.87 3.18	59.50 3.22 0.29
GREENBSH_115KV_TB3 55895	43.87 0.55 0.00	45.33 0.50 0.00	42.57 0.71 0.00	39.61 0.66 0.00	38.23 0.62 0.00	42.03 0.55 0.00	38.62 0.44 0.00	39.47 0.30 0.00	42.03 0.29 0.00	46.98 0.39 0.09	46.33 0.40 2.32	70.00 0.37 0.01	65.37 0.19 1.78	77.34 0.10 0.34	58.86 0.12 0.11	56.25 0.58 0.00	51.36 0.90 0.00	96.38 2.08 0.00	65.41 1.50 0.00	99.74 2.41 0.00	66.98 1.05 0.00	64.76 0.45 0.00	72.32 0.08 0.00	56.25 -0.33 0.00
GREENDGE_115KV_TB5 80291	43.74 0.41 0.00	45.05 0.21 0.00	42.02 0.15 0.00	39.07 0.11 0.00	37.91 0.30 0.00	41.61 0.13 0.00	38.12 -0.07 0.00	39.14 -0.03 0.00	41.66 -0.08 0.00	46.63 -0.06 0.00	48.07 -0.19 0.00	69.59 -0.05 0.00	67.54 0.57 0.00	78.74 1.16 0.00	59.61 0.76 0.00	56.47 0.80 0.00	51.73 1.27 0.00	98.66 4.36 0.00	66.79 2.89 0.00	100.42 3.08 0.00	67.45 1.52 0.00	65.66 1.35 0.00	73.19 0.95 0.00	57.09 0.51 0.00
GREENIDGE___3 23582	43.74 0.41 0.00	45.05 0.21 0.00	42.02 0.15 0.00	39.07 0.11 0.00	37.91 0.30 0.00	41.61 0.13 0.00	38.12 -0.07 0.00	39.14 -0.03 0.00	41.66 -0.08 0.00	46.63 -0.06 0.00	48.07 -0.19 0.00	69.59 -0.05 0.00	67.54 0.57 0.00	78.74 1.16 0.00	59.61 0.76 0.00	56.47 0.80 0.00	51.73 1.27 0.00	98.66 4.36 0.00	66.79 2.89 0.00	100.42 3.08 0.00	67.45 1.52 0.00	65.66 1.35 0.00	73.19 0.95 0.00	57.09 0.51 0.00
GREENIDGE___4 23583	43.93 0.41 -0.20	45.65 0.22 -0.60	42.04 0.15 -0.02	39.07 0.11 0.00	37.91 0.30 0.00	41.61 0.13 0.00	38.12 -0.06 0.00	39.14 -0.03 0.00	41.67 -0.08 0.00	46.62 -0.06 0.00	48.08 -0.17 0.00	69.60 -0.04 0.00	67.55 0.58 0.00	78.77 1.19 0.00	59.61 0.76 0.00	56.47 0.81 0.00	51.73 1.27 0.00	98.67 4.37 0.00	66.81 2.91 0.00	100.63 3.30 0.00	67.47 1.54 0.00	65.66 1.35 0.00	73.19 0.95 0.00	57.09 0.51 0.00
GREENLWN_69_KV_BK 3 55738	46.47 3.14 0.00	48.18 3.35 0.00	45.11 3.24 0.00	41.80 2.84 0.00	40.16 2.56 0.00	43.93 2.45 0.00	40.19 2.01 0.00	41.24 2.08 0.00	44.12 2.37 0.00	50.71 3.90 -0.13	55.35 3.88 -3.22	72.31 4.79 2.12	71.79 5.33 0.51	105.12 6.10 -21.44	85.08 4.84 -21.40	76.12 5.45 -15.00	101.00 5.47 -45.07	225.26 9.67 -121.28	120.82 6.55 -50.37	106.31 10.10 1.12	49.52 4.45 20.86	49.60 3.15 17.86	54.43 2.48 20.30	56.39 1.52 1.71
GREENWD_138_KV_38B11_REV_LBMP_J 345004	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.27 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.24 3.08 0.00	45.14 3.39 0.00	51.49 4.67 -0.13	56.54 5.07 -3.22	76.77 7.11 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.55 5.95 -45.75	94.08 6.32 -32.10	131.40 6.08 -74.85	271.68 11.08 -166.30	137.37 7.57 -65.89	112.63 11.60 -3.70	71.63 5.70 0.00	68.96 4.64 0.00	76.70 4.46 0.00	59.81 3.23 0.00
GRISSOM___SOLAR 323813	45.82 2.50 0.00	47.20 2.37 0.00	44.19 2.32 0.00	41.08 2.13 0.00	39.67 2.06 0.00	43.76 2.28 0.00	39.97 1.79 0.00	40.13 0.97 0.00	42.28 0.53 0.00	46.85 0.28 0.11	45.83 0.32 2.75	70.40 0.77 0.02	65.35 0.48 2.09	77.93 0.75 0.40	59.48 0.76 0.13	56.92 1.26 0.00	51.89 1.43 0.00	99.70 5.39 0.00	68.69 4.78 0.00	104.94 7.61 0.00	71.10 5.16 0.00	69.23 4.92 0.00	77.27 5.03 0.00	60.34 3.76 0.00
GROVEVILLE___HYD 323602	46.38 3.06 0.00	47.81 2.98 0.00	44.85 2.98 0.00	41.69 2.73 0.00	40.17 2.56 0.00	44.07 2.59 0.00	40.53 2.34 0.00	41.71 2.54 0.00	44.54 2.80 0.00	50.74 3.93 -0.12	55.64 4.31 -3.07	75.84 6.17 -0.02	79.57 6.18 -6.42	109.26 7.37 -24.31	82.51 5.63 -18.02	74.46 6.21 -12.58	85.91 6.11 -29.34	171.14 11.66 -65.17	97.45 7.72 -25.82	110.30 11.52 -1.45	71.78 5.85 0.00	69.14 4.83 0.00	76.82 4.58 0.00	59.66 3.08 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.26 -0.06 0.00	44.56 -0.27 0.00	41.67 -0.20 0.00	38.80 -0.16 0.00	37.50 -0.11 0.00	41.28 -0.21 0.00	37.89 -0.29 0.00	38.88 -0.29 0.00	41.43 -0.32 0.00	46.35 -0.34 0.00	48.17 -0.24 -0.15	71.55 -0.15 -2.05	67.51 0.20 -0.34	81.77 0.53 -3.67	63.19 0.42 -3.92	56.45 0.59 -0.19	51.25 0.79 0.00	96.65 2.35 0.00	68.08 1.60 -2.58	102.30 2.14 -2.83	67.41 1.13 -0.35	69.62 0.88 -4.42	76.76 0.60 -3.92	60.57 0.24 -3.75
HAMLTNNY_34_KV_TB 80303	43.45 0.13 0.00	44.71 -0.12 0.00	41.78 -0.09 0.00	38.89 -0.07 0.00	37.58 -0.02 0.00	41.42 -0.06 0.00	37.97 -0.21 0.00	38.92 -0.25 0.00	41.46 -0.28 0.00	46.45 -0.24 0.00	48.29 -0.11 -0.14	71.69 0.12 -1.92	67.78 0.49 -0.32	81.99 0.98 -3.43	63.23 0.71 -3.67	56.69 0.84 -0.18	51.54 1.08 0.00	97.35 3.05 0.00	68.46 2.14 -2.41	102.79 2.81 -2.65	67.73 1.47 -0.33	69.63 1.17 -4.14	76.87 0.96 -3.67	60.68 0.59 -3.51

HAMPSHIRE___PAPER_HYD 323593	44.47 1.15 0.00	46.04 1.21 0.00	42.86 1.00 0.00	39.81 0.85 0.00	38.46 0.85 0.00	42.62 1.14 0.00	39.15 0.96 0.00	39.66 0.50 0.00	42.24 0.50 0.00	47.39 0.71 0.00	48.76 0.45 -0.06	70.92 0.49 -0.78	67.36 0.26 -0.13	79.36 0.40 -1.38	60.25 -0.08 -1.48	55.09 -0.65 -0.07	49.92 -0.54 0.00	92.34 -1.96 0.00	64.38 -0.51 -0.98	98.55 0.14 -1.07	115.49 0.98 -48.58	91.38 1.48 -25.59	76.00 2.27 -1.49	59.91 1.91 -1.43
HARDSCRABBLE_WT_PWR 323673	43.97 0.65 0.00	45.50 0.66 0.00	42.71 0.84 0.00	39.76 0.80 0.00	38.36 0.76 0.00	42.18 0.70 0.00	38.69 0.50 0.00	39.31 0.14 0.00	41.36 -0.39 0.00	45.97 -0.71 0.00	47.62 -0.63 0.00	68.90 -0.75 0.00	66.31 -0.66 0.00	77.02 -0.56 0.00	58.38 -0.48 0.00	55.92 0.25 0.00	51.11 0.65 0.00	97.25 2.95 0.00	66.60 2.69 0.00	101.77 4.43 0.00	68.64 2.70 0.00	66.39 2.08 0.00	73.51 1.27 0.00	57.10 0.51 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	46.28 2.95 0.00	47.67 2.84 0.00	44.69 2.82 0.00	41.57 2.61 0.00	40.05 2.44 0.00	43.93 2.45 0.00	40.37 2.19 0.00	41.52 2.36 0.00	44.37 2.63 0.00	50.76 3.95 -0.13	55.79 4.40 -3.13	75.89 6.23 -0.02	91.56 6.48 -18.12	176.86 7.67 -91.61	133.13 5.89 -68.39	110.15 6.44 -48.04	168.77 6.28 -112.03	355.14 11.90 -248.94	170.37 7.83 -98.64	114.43 11.55 -5.54	71.42 5.49 0.00	68.78 4.46 0.00	76.47 4.22 0.00	59.46 2.88 0.00
HARSNRAD_115KV_TB1 81005	42.69 -0.63 0.00	43.60 -1.24 0.00	40.62 -1.25 0.00	37.79 -1.17 0.00	36.75 -0.86 0.00	40.45 -1.03 0.00	36.60 -1.59 0.00	37.37 -1.79 0.00	40.29 -1.46 0.00	45.56 -1.13 0.00	46.56 -1.70 0.00	67.79 -1.86 0.00	65.82 -1.15 0.00	76.45 -1.13 0.00	57.78 -1.08 0.00	54.65 -1.02 0.00	49.88 -0.58 0.00	95.16 0.86 0.00	64.20 0.29 0.00	95.68 -1.66 0.00	63.96 -1.97 0.00	62.80 -1.52 0.00	70.94 -1.30 0.00	56.31 -0.27 0.00
HARZA MOOSE___RIVER 24016	44.78 1.46 0.00	46.19 1.36 0.00	43.17 1.31 0.00	40.16 1.20 0.00	38.83 1.22 0.00	42.86 1.38 0.00	39.31 1.13 0.00	39.95 0.79 0.00	42.50 0.75 0.00	47.59 0.90 0.00	49.13 0.83 -0.04	71.37 1.19 -0.54	68.20 1.14 -0.09	80.04 1.50 -0.96	60.83 0.96 -1.02	56.63 0.92 -0.05	51.79 1.32 0.00	97.27 2.97 0.00	67.23 2.64 -0.68	102.54 4.46 -0.74	82.63 3.26 -13.43	75.30 3.24 -7.74	76.49 3.22 -1.03	59.78 2.22 -0.98
HDSNBRDG_115KV_BRDG_TB1 355580	43.01 -0.31 0.00	44.30 -0.53 0.00	41.42 -0.45 0.00	38.57 -0.39 0.00	37.28 -0.32 0.00	41.03 -0.45 0.00	37.67 -0.52 0.00	38.64 -0.52 0.00	41.22 -0.52 0.00	46.12 -0.56 0.00	47.80 -0.46 0.00	69.24 -0.40 0.00	66.84 -0.13 0.00	77.64 0.06 0.00	58.91 0.06 0.00	55.94 0.27 0.00	50.98 0.52 0.00	96.06 1.75 0.00	65.07 1.17 0.00	98.73 1.40 0.00	66.57 0.64 0.00	64.76 0.44 0.00	72.35 0.11 0.00	56.45 -0.13 0.00
HELLGATE_13_KV_LD 55870	47.18 3.86 0.00	48.57 3.74 0.00	45.62 3.76 0.00	42.40 3.45 0.00	40.83 3.22 0.00	44.70 3.22 0.00	41.18 3.00 0.00	42.49 3.32 0.00	45.47 3.73 0.00	51.88 5.06 -0.13	56.97 5.49 -3.22	77.20 7.53 -0.02	87.41 7.50 -12.94	147.58 8.63 -61.37	111.08 6.48 -45.75	94.67 6.91 -32.10	131.87 6.55 -74.85	272.62 12.02 -166.30	137.87 8.07 -65.89	113.17 12.13 -3.70	72.03 6.10 0.00	69.28 4.97 0.00	77.03 4.79 0.00	60.09 3.51 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.18 3.86 0.00	48.57 3.74 0.00	45.62 3.76 0.00	42.40 3.45 0.00	40.83 3.22 0.00	44.70 3.22 0.00	41.18 3.00 0.00	42.49 3.32 0.00	45.47 3.73 0.00	51.88 5.06 -0.13	56.97 5.49 -3.22	77.20 7.53 -0.02	87.41 7.50 -12.94	147.58 8.63 -61.37	111.08 6.48 -45.75	94.67 6.91 -32.10	131.87 6.55 -74.85	272.62 12.02 -166.30	137.87 8.07 -65.89	113.17 12.13 -3.70	72.03 6.10 0.00	69.28 4.97 0.00	77.03 4.79 0.00	60.09 3.51 0.00
HEMPSTEAD____ 23647	46.78 3.46 0.00	48.30 3.46 0.00	45.21 3.35 0.00	41.94 2.98 0.00	40.33 2.73 0.00	44.14 2.66 0.00	40.51 2.32 0.00	41.67 2.51 0.00	44.63 2.89 0.00	51.21 4.39 -0.13	56.02 4.55 -3.22	75.84 6.18 -0.02	86.96 6.44 -13.55	145.87 7.24 -61.06	110.02 5.66 -45.50	93.78 6.20 -31.91	130.99 6.05 -74.47	270.75 10.98 -165.46	136.71 7.39 -65.41	110.95 10.85 -2.76	70.65 5.35 0.63	68.24 4.24 0.31	76.08 3.84 0.00	59.15 2.57 0.00
HICKLING___1 23621	43.87 0.54 0.00	44.97 0.13 0.00	41.93 0.06 0.00	39.00 0.04 0.00	37.90 0.30 0.00	41.42 -0.06 0.00	37.95 -0.24 0.00	39.03 -0.14 0.00	41.52 -0.22 0.00	46.48 -0.21 0.00	48.18 -0.07 0.00	70.28 0.64 0.00	68.21 0.91 -0.33	80.95 1.45 -1.92	60.86 0.57 -1.44	57.49 0.81 -1.01	54.04 1.21 -2.36	104.15 4.60 -5.25	68.62 2.64 -2.08	100.48 3.03 -0.12	66.88 0.95 0.00	65.35 1.04 0.00	72.94 0.69 0.00	56.77 0.18 0.00
HICKLING___2 23622	43.87 0.54 0.00	44.97 0.13 0.00	41.93 0.06 0.00	39.00 0.04 0.00	37.90 0.30 0.00	41.42 -0.06 0.00	37.95 -0.24 0.00	39.03 -0.14 0.00	41.52 -0.22 0.00	46.48 -0.21 0.00	48.18 -0.07 0.00	70.28 0.64 0.00	68.21 0.91 -0.33	80.95 1.45 -1.92	60.86 0.57 -1.44	57.49 0.81 -1.01	54.04 1.21 -2.36	104.15 4.60 -5.25	68.62 2.64 -2.08	100.48 3.03 -0.12	66.88 0.95 0.00	65.35 1.04 0.00	72.94 0.69 0.00	56.77 0.18 0.00
HIGH FALLS___HY 23754	46.40 3.08 0.00	47.75 2.92 0.00	44.74 2.87 0.00	41.59 2.63 0.00	40.06 2.45 0.00	43.90 2.42 0.00	40.35 2.17 0.00	41.56 2.40 0.00	44.46 2.71 0.00	50.99 4.22 -0.09	55.14 4.61 -2.27	75.94 6.28 -0.01	80.85 6.66 -7.22	115.47 8.12 -29.77	83.55 6.38 -18.32	78.86 7.06 -16.14	95.35 6.87 -38.02	193.72 13.21 -86.21	107.60 8.83 -34.87	112.34 13.04 -1.96	72.38 6.45 0.00	69.71 5.40 0.00	77.40 5.15 0.00	60.11 3.53 0.00
HIGH_RIVER___SOLAR 323847	45.09 1.77 0.00	46.53 1.69 0.00	43.61 1.74 0.00	40.55 1.59 0.00	39.15 1.54 0.00	43.14 1.66 0.00	39.49 1.30 0.00	40.10 0.93 0.00	42.33 0.58 0.00	46.98 0.41 0.12	45.74 0.41 2.93	70.32 0.69 0.02	65.33 0.60 2.24	77.93 0.78 0.43	59.37 0.66 0.14	56.83 1.16 0.00	51.74 1.28 0.00	98.22 3.92 0.00	67.42 3.51 0.00	102.97 5.64 0.00	69.56 3.63 0.00	67.57 3.26 0.00	75.46 3.22 0.00	58.88 2.30 0.00
HILLBURN___GT 23639	46.20 2.88 0.00	47.59 2.76 0.00	44.64 2.77 0.00	41.54 2.59 0.00	40.02 2.42 0.00	43.89 2.41 0.00	40.33 2.15 0.00	41.47 2.31 0.00	44.31 2.56 0.00	50.61 3.79 -0.13	55.64 4.23 -3.15	75.61 5.94 -0.02	90.54 6.11 -17.46	172.58 7.26 -87.74	129.77 5.42 -65.50	107.69 6.01 -46.00	163.61 5.87 -107.28	343.54 10.86 -238.37	165.48 7.12 -94.45	113.25 10.60 -5.31	70.96 5.03 0.00	68.35 4.03 0.00	76.05 3.81 0.00	59.16 2.58 0.00
HILLSIDE_115KV_TB1 80332	43.19 -0.13 0.00	44.33 -0.50 0.00	41.38 -0.49 0.00	38.53 -0.43 0.00	37.43 -0.18 0.00	40.88 -0.60 0.00	37.45 -0.73 0.00	38.58 -0.59 0.00	41.01 -0.73 0.00	45.91 -0.78 0.00	47.65 -0.61 0.00	69.38 -0.26 0.00	67.19 -0.12 -0.34	79.91 0.35 -1.98	60.06 -0.28 -1.48	56.71 0.00 -1.04	53.29 0.39 -2.43	102.57 2.86 -5.41	67.48 1.43 -2.14	98.86 1.40 -0.12	65.91 -0.02 0.00	64.48 0.17 0.00	71.97 -0.27 0.00	56.03 -0.54 0.00

HISHELDN_WT_PWR 323625	43.07 -0.10 0.15	43.69 -0.68 0.47	41.05 -0.80 0.02	38.17 -0.79 0.00	37.09 -0.51 0.00	40.72 -0.76 0.00	36.96 -1.23 0.00	37.77 -1.39 0.00	40.56 -1.19 0.00	45.74 -0.94 0.00	47.05 -1.21 0.00	68.69 -0.96 0.00	66.66 -0.31 0.00	77.21 -0.37 0.00	58.14 -0.71 0.00	55.10 -0.56 0.00	50.50 0.04 0.00	96.62 2.32 0.00	65.08 1.18 0.00	97.56 0.22 0.00	64.74 -1.19 0.00	63.42 -0.89 0.00	71.42 -0.83 0.00	56.17 -0.41 0.00
HOLTSVILLE_IC_1 23690	46.66 3.33 0.00	48.31 3.48 0.00	45.15 3.29 0.00	41.83 2.87 0.00	40.19 2.58 0.00	43.93 2.45 0.00	40.25 2.07 0.00	41.32 2.15 0.00	44.17 2.43 0.00	50.92 4.11 -0.13	55.69 4.22 -3.22	74.54 5.51 0.61	83.38 5.92 -10.49	137.83 6.70 -53.56	105.45 5.25 -41.34	91.02 5.91 -29.44	125.31 5.83 -69.01	261.74 10.09 -157.34	147.06 7.02 -76.13	110.11 10.58 -2.20	67.88 5.22 3.27	64.98 3.78 3.12	72.38 3.01 2.87	58.17 1.84 0.25
HOLTSVILLE_IC_10 23699	46.95 3.63 0.00	48.58 3.75 0.00	45.39 3.53 0.00	42.02 3.06 0.00	40.36 2.76 0.00	44.13 2.65 0.00	40.44 2.25 0.00	41.52 2.36 0.00	44.42 2.67 0.00	51.26 4.44 -0.13	56.08 4.61 -3.22	75.00 6.15 0.79	83.56 6.58 -10.01	137.12 7.49 -52.06	105.10 5.84 -40.40	90.92 6.50 -28.75	124.75 6.39 -67.89	262.40 11.06 -157.04	155.71 7.67 -84.14	112.21 11.64 -3.23	68.12 5.89 3.70	64.91 4.40 3.81	72.22 3.62 3.65	58.51 2.25 0.32
HOLTSVILLE_IC_2 23691	46.66 3.33 0.00	48.31 3.48 0.00	45.15 3.29 0.00	41.83 2.87 0.00	40.19 2.58 0.00	43.93 2.45 0.00	40.25 2.07 0.00	41.32 2.15 0.00	44.17 2.43 0.00	50.92 4.11 -0.13	55.69 4.22 -3.22	74.54 5.51 0.61	83.38 5.92 -10.49	137.83 6.70 -53.56	105.45 5.25 -41.34	91.02 5.91 -29.44	125.31 5.83 -69.01	261.74 10.09 -157.34	147.06 7.02 -76.13	110.11 10.58 -2.20	67.88 5.22 3.27	64.98 3.78 3.12	72.38 3.01 2.87	58.17 1.84 0.25
HOLTSVILLE_IC_3 23692	46.66 3.33 0.00	48.31 3.48 0.00	45.15 3.29 0.00	41.83 2.87 0.00	40.19 2.58 0.00	43.93 2.45 0.00	40.25 2.07 0.00	41.32 2.15 0.00	44.17 2.43 0.00	50.92 4.11 -0.13	55.69 4.22 -3.22	74.54 5.51 0.61	83.38 5.92 -10.49	137.83 6.70 -53.56	105.45 5.25 -41.34	91.02 5.91 -29.44	125.31 5.83 -69.01	261.74 10.09 -157.34	147.06 7.02 -76.13	110.11 10.58 -2.20	67.88 5.22 3.27	64.98 3.78 3.12	72.38 3.01 2.87	58.17 1.84 0.25
HOLTSVILLE_IC_4 23693	46.66 3.33 0.00	48.31 3.48 0.00	45.15 3.29 0.00	41.83 2.87 0.00	40.19 2.58 0.00	43.93 2.45 0.00	40.25 2.07 0.00	41.32 2.15 0.00	44.17 2.43 0.00	50.92 4.11 -0.13	55.69 4.22 -3.22	74.54 5.51 0.61	83.38 5.92 -10.49	137.83 6.70 -53.56	105.45 5.25 -41.34	91.02 5.91 -29.44	125.31 5.83 -69.01	261.74 10.09 -157.34	147.06 7.02 -76.13	110.11 10.58 -2.20	67.88 5.22 3.27	64.98 3.78 3.12	72.38 3.01 2.87	58.17 1.84 0.25
HOLTSVILLE_IC_5 23694	46.66 3.33 0.00	48.31 3.48 0.00	45.15 3.29 0.00	41.83 2.87 0.00	40.19 2.58 0.00	43.93 2.45 0.00	40.25 2.07 0.00	41.32 2.15 0.00	44.17 2.43 0.00	50.92 4.11 -0.13	55.69 4.22 -3.22	74.54 5.51 0.61	83.38 5.92 -10.49	137.83 6.70 -53.56	105.45 5.25 -41.34	91.02 5.91 -29.44	125.31 5.83 -69.01	261.74 10.09 -157.34	147.06 7.02 -76.13	110.11 10.58 -2.20	67.88 5.22 3.27	64.98 3.78 3.12	72.38 3.01 2.87	58.17 1.84 0.25
HOLTSVILLE_IC_6 23695	46.95 3.63 0.00	48.58 3.75 0.00	45.39 3.53 0.00	42.02 3.06 0.00	40.36 2.76 0.00	44.13 2.65 0.00	40.44 2.25 0.00	41.52 2.36 0.00	44.42 2.67 0.00	51.26 4.44 -0.13	56.08 4.61 -3.22	75.00 6.15 0.79	83.56 6.58 -10.01	137.12 7.49 -52.06	105.10 5.84 -40.40	90.92 6.50 -28.75	124.75 6.39 -67.89	262.40 11.06 -157.04	155.71 7.67 -84.14	112.21 11.64 -3.23	68.12 5.89 3.70	64.91 4.40 3.81	72.22 3.62 3.65	58.51 2.25 0.32
HOLTSVILLE_IC_7 23696	46.95 3.63 0.00	48.58 3.75 0.00	45.39 3.53 0.00	42.02 3.06 0.00	40.36 2.76 0.00	44.13 2.65 0.00	40.44 2.25 0.00	41.52 2.36 0.00	44.42 2.67 0.00	51.26 4.44 -0.13	56.08 4.61 -3.22	75.00 6.15 0.79	83.56 6.58 -10.01	137.12 7.49 -52.06	105.10 5.84 -40.40	90.92 6.50 -28.75	124.75 6.39 -67.89	262.40 11.06 -157.04	155.71 7.67 -84.14	112.21 11.64 -3.23	68.12 5.89 3.70	64.91 4.40 3.81	72.22 3.62 3.65	58.51 2.25 0.32
HOLTSVILLE_IC_8 23697	46.95 3.63 0.00	48.58 3.75 0.00	45.39 3.53 0.00	42.02 3.06 0.00	40.36 2.76 0.00	44.13 2.65 0.00	40.44 2.25 0.00	41.52 2.36 0.00	44.42 2.67 0.00	51.26 4.44 -0.13	56.08 4.61 -3.22	75.00 6.15 0.79	83.56 6.58 -10.01	137.12 7.49 -52.06	105.10 5.84 -40.40	90.92 6.50 -28.75	124.75 6.39 -67.89	262.40 11.06 -157.04	155.71 7.67 -84.14	112.21 11.64 -3.23	68.12 5.89 3.70	64.91 4.40 3.81	72.22 3.62 3.65	58.51 2.25 0.32
HOLTSVILLE_IC_9 23698	46.95 3.63 0.00	48.58 3.75 0.00	45.39 3.53 0.00	42.02 3.06 0.00	40.36 2.76 0.00	44.13 2.65 0.00	40.44 2.25 0.00	41.52 2.36 0.00	44.42 2.67 0.00	51.26 4.44 -0.13	56.08 4.61 -3.22	75.00 6.15 0.79	83.56 6.58 -10.01	137.12 7.49 -52.06	105.10 5.84 -40.40	90.92 6.50 -28.75	124.75 6.39 -67.89	262.40 11.06 -157.04	155.71 7.67 -84.14	112.21 11.64 -3.23	68.12 5.89 3.70	64.91 4.40 3.81	72.22 3.62 3.65	58.51 2.25 0.32
HOMER_HL_115KV_TB2 355744	43.43 0.10 0.00	44.36 -0.47 0.00	41.35 -0.52 0.00	38.53 -0.43 0.00	37.50 -0.10 0.00	41.11 -0.37 0.00	37.36 -0.82 0.00	38.59 -0.58 0.00	41.36 -0.38 0.00	46.35 -0.33 0.00	47.82 -0.44 0.00	69.26 -0.38 0.00	66.62 -0.34 0.00	77.47 -0.10 0.00	58.05 -0.80 0.00	54.80 -0.87 0.00	50.12 -0.34 0.00	96.14 1.83 0.00	64.39 0.48 0.00	96.63 -0.71 0.00	64.29 -1.64 0.00	63.32 -0.99 0.00	71.04 -1.20 0.00	56.25 -0.34 0.00
HOWARD_WT_PWR 323690	44.63 1.21 -0.09	45.85 0.74 -0.28	42.36 0.47 -0.01	39.36 0.41 0.00	38.28 0.67 0.00	41.89 0.41 0.00	38.23 0.05 0.00	39.10 -0.06 0.00	41.59 -0.15 0.00	46.54 -0.14 0.00	48.06 -0.19 0.00	70.39 0.74 0.00	68.37 1.40 0.00	79.04 1.46 0.00	59.33 0.48 0.00	56.36 0.70 0.00	51.79 1.33 0.00	99.48 5.18 0.00	67.05 3.15 0.00	100.55 3.21 0.00	66.70 0.77 0.00	64.91 0.60 0.00	72.55 0.31 0.00	56.47 -0.11 0.00
HQ_GEN_CEDARS 23644	43.65 0.33 0.00	45.41 0.58 0.00	42.15 0.27 0.00	39.09 0.13 0.00	37.73 0.13 0.00	41.88 0.40 0.00	38.63 0.44 0.00	39.58 0.41 0.00	42.30 0.55 0.00	47.34 0.65 0.00	48.63 0.37 0.00	70.02 0.37 0.00	67.00 0.03 0.00	77.63 0.05 0.00	58.75 -0.10 0.00	54.82 -0.85 0.00	49.17 -1.29 0.00	89.86 -4.44 0.00	60.93 -2.97 0.00	93.39 -3.95 0.00	165.29 -1.54 -100.90	113.18 -0.92 -49.78	72.25 0.01 0.00	57.14 0.55 0.00
HQ_GEN_CEDARS_PROXY 323590	43.65 0.33 0.00	45.41 0.58 0.00	42.15 0.28 0.00	39.09 0.14 0.00	37.71 0.13 0.03	41.88 0.40 0.00	38.63 0.44 0.00	39.58 0.41 0.00	42.30 0.55 0.00	47.34 0.65 0.00	48.63 0.37 0.00	70.02 0.37 0.00	67.00 0.03 0.00	77.63 0.05 0.00	58.75 -0.10 0.00	54.81 -0.85 0.00	49.17 -1.29 0.00	89.86 -4.44 0.00	60.93 -2.97 0.00	93.38 -3.95 0.00	165.17 -1.55 -100.79	113.18 -0.92 -49.78	72.25 0.01 0.00	57.14 0.56 0.00

HQ_GEN_IMPORT 323601	43.18 -0.15 0.00	44.84 0.01 0.00	41.66 -0.20 0.00	38.74 -0.22 0.00	37.38 -0.22 0.00	41.39 -0.10 0.00	38.09 0.05 0.15	39.28 0.11 0.00	41.91 0.16 0.00	46.82 0.14 0.00	48.30 0.04 0.00	69.60 -0.05 0.00	66.79 -0.18 0.00	77.27 -0.31 0.00	58.61 -0.24 0.00	55.09 -0.58 0.00	49.61 -0.85 0.00	91.94 -2.36 0.00	62.27 -1.64 0.00	95.01 -2.32 0.00	61.75 -1.12 3.06	62.11 -0.69 1.51	71.96 -0.28 0.00	56.66 0.08 0.00
HQ_GEN_WHEEL 23651	43.18 -0.15 0.00	44.84 0.01 0.00	41.66 -0.20 0.00	38.74 -0.22 0.00	37.38 -0.22 0.00	41.39 -0.10 0.00	38.09 0.05 0.15	39.28 0.11 0.00	41.91 0.16 0.00	46.82 0.14 0.00	48.30 0.04 0.00	69.60 -0.05 0.00	66.79 -0.18 0.00	77.27 -0.31 0.00	58.61 -0.24 0.00	55.09 -0.58 0.00	49.61 -0.85 0.00	91.94 -2.36 0.00	62.27 -1.64 0.00	95.01 -2.32 0.00	61.75 -1.12 3.06	62.11 -0.69 1.51	71.96 -0.28 0.00	56.66 0.08 0.00
HUDSON AVE_GT_3 23810	46.81 3.49 0.00	48.19 3.36 0.00	45.28 3.42 0.00	42.10 3.14 0.00	40.53 2.92 0.00	44.36 2.88 0.00	40.84 2.65 0.00	42.07 2.91 0.00	45.02 3.27 0.00	51.38 4.57 -0.13	56.45 4.98 -3.22	76.63 6.97 -0.02	86.92 6.99 -12.96	147.13 8.09 -61.47	110.69 6.02 -45.82	94.34 6.52 -32.15	131.73 6.30 -74.97	272.58 11.71 -166.57	137.63 7.72 -66.00	112.63 11.59 -3.71	71.68 5.75 0.00	69.00 4.69 0.00	76.74 4.50 0.00	59.73 3.15 0.00
HUDSON AVE_GT_4 23540	46.81 3.49 0.00	48.19 3.36 0.00	45.28 3.42 0.00	42.10 3.14 0.00	40.53 2.92 0.00	44.36 2.88 0.00	40.84 2.65 0.00	42.07 2.91 0.00	45.02 3.27 0.00	51.38 4.57 -0.13	56.45 4.98 -3.22	76.63 6.97 -0.02	86.92 6.99 -12.96	147.13 8.09 -61.47	110.69 6.02 -45.82	94.34 6.52 -32.15	131.73 6.30 -74.97	272.58 11.71 -166.57	137.63 7.72 -66.00	112.63 11.59 -3.71	71.68 5.75 0.00	69.00 4.69 0.00	76.74 4.50 0.00	59.73 3.15 0.00
HUDSON AVE_GT_5 23657	46.81 3.49 0.00	48.19 3.36 0.00	45.28 3.42 0.00	42.10 3.14 0.00	40.53 2.92 0.00	44.36 2.88 0.00	40.84 2.65 0.00	42.07 2.91 0.00	45.02 3.27 0.00	51.38 4.57 -0.13	56.45 4.98 -3.22	76.63 6.97 -0.02	86.92 6.99 -12.96	147.13 8.09 -61.47	110.69 6.02 -45.82	94.34 6.52 -32.15	131.73 6.30 -74.97	272.58 11.71 -166.57	137.63 7.72 -66.00	112.63 11.59 -3.71	71.68 5.75 0.00	69.00 4.69 0.00	76.74 4.50 0.00	59.73 3.15 0.00
HUDSON_AVE_10 24168	46.71 3.39 0.00	48.10 3.26 0.00	45.18 3.31 0.00	42.01 3.05 0.00	40.44 2.84 0.00	44.27 2.79 0.00	40.75 2.56 0.00	41.99 2.82 0.00	44.94 3.19 0.00	51.25 4.43 -0.13	56.31 4.84 -3.22	76.44 6.77 -0.02	86.90 6.81 -13.12	148.09 7.86 -62.65	110.97 5.84 -46.28	94.17 6.33 -32.18	132.41 6.16 -75.78	274.90 11.47 -169.13	137.89 7.52 -66.46	114.01 11.24 -5.44	72.03 5.54 -0.57	69.17 4.50 -0.36	76.56 4.32 0.00	59.56 2.98 0.00
HUDSON___115KV_TB 4 355613	44.84 1.52 0.00	46.29 1.45 0.00	43.45 1.58 0.00	40.42 1.46 0.00	39.01 1.40 0.00	42.91 1.43 0.00	39.40 1.21 0.00	40.17 1.01 0.00	42.62 0.87 0.00	47.43 0.80 0.06	47.55 0.72 1.43	70.47 0.83 0.01	67.02 0.65 0.60	70.63 0.56 7.50	39.59 0.47 19.73	55.03 0.93 1.56	49.76 1.52 2.22	99.19 3.42 -1.47	70.07 2.96 -3.21	102.22 4.71 -0.18	68.80 2.87 0.00	66.58 2.27 0.00	74.20 1.96 0.00	57.58 1.00 0.00
HUNTER MOUNT___DRP 323613	44.98 1.66 0.00	46.44 1.60 0.00	43.59 1.72 0.00	40.54 1.59 0.00	39.13 1.53 0.00	43.08 1.60 0.00	39.56 1.37 0.00	40.33 1.17 0.00	42.76 1.02 0.00	47.48 0.82 0.03	48.32 0.81 0.75	70.69 1.04 0.00	68.31 0.83 -0.51	69.68 0.70 8.59	32.40 0.58 27.04	55.45 0.93 1.15	51.40 1.56 0.62	105.91 3.66 -7.94	73.97 3.10 -6.97	102.74 5.01 -0.39	69.10 3.17 0.00	66.86 2.54 0.00	74.47 2.22 0.00	57.77 1.19 0.00
HUNTINGTON_RES_REC 323705	46.72 3.40 0.00	48.40 3.57 0.00	45.26 3.39 0.00	41.91 2.95 0.00	40.26 2.66 0.00	44.02 2.54 0.00	40.29 2.10 0.00	41.35 2.18 0.00	44.26 2.51 0.00	51.00 4.19 -0.13	55.66 4.19 -3.22	72.48 5.38 2.54	78.72 5.97 -5.78	124.29 6.78 -39.93	97.04 5.31 -32.88	84.98 6.00 -23.31	115.26 5.94 -58.85	261.33 10.53 -156.50	233.90 7.22 -162.78	121.17 10.73 -13.11	64.65 5.24 6.53	58.78 3.84 9.37	65.01 3.11 10.33	57.61 1.90 0.87
HUNTLEY___63 23557	43.08 -0.24 0.00	43.97 -0.87 0.00	40.91 -0.96 0.00	38.06 -0.90 0.00	36.99 -0.62 0.00	40.74 -0.74 0.00	36.90 -1.29 0.00	37.71 -1.46 0.00	40.73 -1.02 0.00	46.17 -0.51 0.00	47.33 -0.93 0.00	69.03 -0.62 0.00	66.90 -0.07 0.00	77.50 -0.08 0.00	58.24 -0.61 0.00	55.10 -0.56 0.00	50.31 -0.15 0.00	96.06 1.76 0.00	64.69 0.79 0.00	96.42 -0.92 0.00	64.45 -1.48 0.00	63.28 -1.03 0.00	71.64 -0.61 0.00	56.85 0.27 0.00
HUNTLEY___64 23558	43.08 -0.24 0.00	43.97 -0.87 0.00	40.91 -0.96 0.00	38.06 -0.90 0.00	36.99 -0.62 0.00	40.74 -0.74 0.00	36.90 -1.29 0.00	37.71 -1.46 0.00	40.73 -1.02 0.00	46.17 -0.51 0.00	47.33 -0.93 0.00	69.03 -0.62 0.00	66.90 -0.07 0.00	77.50 -0.08 0.00	58.24 -0.61 0.00	55.10 -0.56 0.00	50.31 -0.15 0.00	96.06 1.76 0.00	64.69 0.79 0.00	96.42 -0.92 0.00	64.45 -1.48 0.00	63.28 -1.03 0.00	71.64 -0.61 0.00	56.85 0.27 0.00
HUNTLEY___65 23559	43.08 -0.24 0.00	43.97 -0.87 0.00	40.91 -0.96 0.00	38.06 -0.90 0.00	36.99 -0.62 0.00	40.74 -0.74 0.00	36.90 -1.29 0.00	37.71 -1.46 0.00	40.73 -1.02 0.00	46.17 -0.51 0.00	47.33 -0.93 0.00	69.03 -0.62 0.00	66.90 -0.07 0.00	77.50 -0.08 0.00	58.24 -0.61 0.00	55.10 -0.56 0.00	50.31 -0.15 0.00	96.06 1.76 0.00	64.69 0.79 0.00	96.42 -0.92 0.00	64.45 -1.48 0.00	63.28 -1.03 0.00	71.64 -0.61 0.00	56.85 0.27 0.00
HUNTLEY___66 23560	43.08 -0.24 0.00	43.97 -0.87 0.00	40.91 -0.96 0.00	38.06 -0.90 0.00	36.99 -0.62 0.00	40.74 -0.74 0.00	36.90 -1.29 0.00	37.71 -1.46 0.00	40.73 -1.02 0.00	46.17 -0.51 0.00	47.33 -0.93 0.00	69.03 -0.62 0.00	66.90 -0.07 0.00	77.50 -0.08 0.00	58.24 -0.61 0.00	55.10 -0.56 0.00	50.31 -0.15 0.00	96.06 1.76 0.00	64.69 0.79 0.00	96.42 -0.92 0.00	64.45 -1.48 0.00	63.28 -1.03 0.00	71.64 -0.61 0.00	56.85 0.27 0.00
HUNTLEY___67 23561	42.77 -0.55 0.00	43.67 -1.17 0.00	40.63 -1.24 0.00	37.80 -1.16 0.00	36.73 -0.87 0.00	40.41 -1.07 0.00	36.61 -1.58 0.00	37.49 -1.68 0.00	40.47 -1.28 0.00	45.87 -0.82 0.00	47.03 -1.23 0.00	68.54 -1.10 0.00	66.41 -0.56 0.00	77.05 -0.53 0.00	58.11 -0.74 0.00	55.01 -0.66 0.00	50.25 -0.21 0.00	96.01 1.71 0.00	64.64 0.73 0.00	96.47 -0.87 0.00	64.44 -1.49 0.00	63.24 -1.07 0.00	71.33 -0.91 0.00	56.47 -0.11 0.00
HUNTLEY___68 23562	42.77 -0.55 0.00	43.67 -1.17 0.00	40.63 -1.24 0.00	37.80 -1.16 0.00	36.73 -0.87 0.00	40.41 -1.07 0.00	36.61 -1.58 0.00	37.49 -1.68 0.00	40.47 -1.28 0.00	45.87 -0.82 0.00	47.03 -1.23 0.00	68.54 -1.10 0.00	66.41 -0.56 0.00	77.05 -0.53 0.00	58.11 -0.74 0.00	55.01 -0.66 0.00	50.25 -0.21 0.00	96.01 1.71 0.00	64.64 0.73 0.00	96.47 -0.87 0.00	64.44 -1.49 0.00	63.24 -1.07 0.00	71.33 -0.91 0.00	56.47 -0.11 0.00

HYLAND___LFGE 323620	45.96 2.64 0.00	46.94 2.11 0.00	43.61 1.75 0.00	40.56 1.60 0.00	39.37 1.76 0.00	43.32 1.84 0.00	39.58 1.40 0.00	40.15 0.99 0.00	42.16 0.42 0.00	46.35 -0.34 0.00	47.49 -0.77 0.00	69.42 -0.23 0.00	67.92 0.95 0.00	78.67 1.09 0.00	59.41 0.56 0.00	56.51 0.84 0.00	51.95 1.48 0.00	101.13 6.83 0.00	68.70 4.79 0.00	103.21 5.87 0.00	69.10 3.17 0.00	67.52 3.21 0.00	75.29 3.05 0.00	58.78 2.20 0.00
INDECK___CORINTH 23802	44.88 1.56 0.00	46.45 1.62 0.00	43.66 1.79 0.00	40.59 1.63 0.00	39.16 1.55 0.00	43.22 1.73 0.00	39.71 1.53 0.00	40.57 1.41 0.00	42.68 0.94 0.00	47.31 0.81 0.18	44.37 0.52 4.40	71.14 1.52 0.02	64.62 1.01 3.36	78.35 1.42 0.64	59.84 1.21 0.21	57.61 1.94 0.00	52.68 2.22 0.00	99.52 5.22 0.00	68.12 4.21 0.00	104.37 7.03 0.00	70.49 4.56 0.00	68.06 3.75 0.00	75.57 3.32 0.00	58.59 2.00 0.00
INDECK___ILION 23567	43.80 0.48 0.00	45.30 0.46 0.00	42.46 0.59 0.00	39.51 0.55 0.00	38.14 0.53 0.00	41.97 0.48 0.00	38.54 0.35 0.00	39.32 0.16 0.00	41.63 -0.12 0.00	46.40 -0.28 0.00	48.03 -0.22 0.00	69.41 -0.24 0.00	66.80 -0.17 0.00	77.49 -0.09 0.00	58.76 -0.10 0.00	56.02 0.36 0.00	51.07 0.61 0.00	96.47 2.17 0.00	65.79 1.88 0.00	100.34 3.00 0.00	67.75 1.81 0.00	65.71 1.40 0.00	73.22 0.98 0.00	57.00 0.42 0.00
INDECK___OLEAN 23982	42.85 0.10 0.58	42.60 -0.46 1.77	41.28 -0.52 0.07	38.53 -0.43 0.00	37.51 -0.10 0.00	41.11 -0.37 0.00	37.36 -0.82 0.00	38.59 -0.58 0.00	41.37 -0.38 0.00	46.35 -0.33 0.00	47.86 -0.39 0.00	69.28 -0.37 0.00	66.63 -0.34 0.00	77.48 -0.10 0.00	58.05 -0.81 0.00	54.79 -0.87 0.00	50.12 -0.34 0.00	96.17 1.87 0.00	64.40 0.50 0.00	96.85 -0.49 0.00	64.32 -1.61 0.00	63.33 -0.99 0.00	71.05 -1.20 0.00	56.25 -0.33 0.00
INDECK___OSWEGO 23783	42.51 -0.82 0.00	43.74 -1.09 0.00	40.96 -0.91 0.00	38.15 -0.81 0.00	36.87 -0.74 0.00	40.55 -0.93 0.00	37.28 -0.91 0.00	38.20 -0.96 0.00	40.69 -1.05 0.00	45.54 -1.14 0.00	47.60 -1.16 -0.51	74.58 -1.86 -6.80	66.36 -1.76 -1.14	87.80 -1.95 -12.18	70.39 -1.48 -13.01	55.02 -1.28 -0.63	49.56 -0.91 0.00	93.24 -1.07 0.00	71.88 -0.59 -8.56	105.63 -1.10 -9.39	69.20 -0.91 -4.19	79.42 -1.06 -16.17	83.76 -1.48 -13.01	67.72 -1.31 -12.45
INDECK___YERKES 23781	42.73 -0.20 0.39	42.80 -0.83 1.20	40.90 -0.92 0.05	38.09 -0.87 0.00	37.02 -0.58 0.00	40.78 -0.70 0.00	36.93 -1.26 0.00	37.74 -0.97 0.00	40.77 -0.47 0.00	46.22 -0.47 0.00	47.45 -0.81 0.00	69.12 -0.52 0.00	66.97 0.00 0.00	77.54 -0.04 0.00	58.24 -0.61 0.00	55.09 -0.58 0.00	50.31 -0.16 0.00	96.06 1.75 0.00	64.69 0.79 0.00	96.64 -0.69 0.00	64.49 -1.44 0.00	63.29 -1.02 0.00	71.68 -0.56 0.00	56.92 0.33 0.00
INDIAN POINT_GT_1 24139	46.18 2.86 0.00	47.59 2.75 0.00	44.67 2.80 0.00	41.55 2.59 0.00	40.01 2.41 0.00	43.86 2.38 0.00	40.32 2.14 0.00	41.48 2.31 0.00	44.30 2.56 0.00	50.55 3.73 -0.13	55.59 4.13 -3.21	75.40 5.74 -0.02	87.38 5.83 -14.58	155.24 6.83 -70.84	116.87 5.18 -52.84	98.44 5.68 -37.09	142.52 5.56 -86.49	296.88 10.41 -192.17	146.93 6.87 -76.15	111.87 10.26 -4.28	70.84 4.91 0.00	68.24 3.93 0.00	75.91 3.67 0.00	59.05 2.47 0.00
INDIAN POINT_GT_2 23659	46.18 2.86 0.00	47.59 2.75 0.00	44.67 2.80 0.00	41.55 2.59 0.00	40.01 2.41 0.00	43.86 2.38 0.00	40.32 2.14 0.00	41.48 2.31 0.00	44.30 2.56 0.00	50.55 3.73 -0.13	55.59 4.13 -3.21	75.40 5.74 -0.02	87.38 5.83 -14.58	155.24 6.83 -70.84	116.87 5.18 -52.84	98.44 5.68 -37.09	142.52 5.56 -86.49	296.88 10.41 -192.17	146.93 6.87 -76.15	111.87 10.26 -4.28	70.84 4.91 0.00	68.24 3.93 0.00	75.91 3.67 0.00	59.05 2.47 0.00
INDIAN POINT_GT_3 24019	46.18 2.86 0.00	47.59 2.75 0.00	44.67 2.80 0.00	41.55 2.59 0.00	40.01 2.41 0.00	43.86 2.38 0.00	40.32 2.14 0.00	41.48 2.31 0.00	44.30 2.56 0.00	50.55 3.73 -0.13	55.59 4.13 -3.21	75.40 5.74 -0.02	87.38 5.83 -14.58	155.24 6.83 -70.84	116.87 5.18 -52.84	98.44 5.68 -37.09	142.52 5.56 -86.49	296.88 10.41 -192.17	146.93 6.87 -76.15	111.87 10.26 -4.28	70.84 4.91 0.00	68.24 3.93 0.00	75.91 3.67 0.00	59.05 2.47 0.00
INDIAN POINT___2 23530	46.14 2.82 0.00	47.54 2.71 0.00	44.63 2.76 0.00	41.51 2.55 0.00	39.99 2.38 0.00	43.83 2.35 0.00	40.29 2.10 0.00	41.44 2.27 0.00	44.25 2.51 0.00	50.51 3.70 -0.13	55.53 4.09 -3.18	75.37 5.71 -0.02	88.35 5.81 -15.57	161.06 6.81 -76.68	121.21 5.14 -57.21	101.49 5.66 -40.17	149.65 5.52 -93.67	312.76 10.33 -208.13	153.20 6.83 -82.47	112.03 10.06 -4.63	70.72 4.78 0.00	68.12 3.81 0.00	75.82 3.58 0.00	58.99 2.41 0.00
INDIAN POINT___3 23531	46.09 2.77 0.00	47.50 2.67 0.00	44.59 2.73 0.00	41.48 2.52 0.00	39.95 2.35 0.00	43.81 2.33 0.00	40.26 2.08 0.00	41.42 2.25 0.00	44.23 2.48 0.00	50.44 3.63 -0.13	55.49 4.02 -3.21	75.26 5.59 -0.02	87.31 5.67 -14.66	155.56 6.66 -71.33	117.08 5.02 -53.21	98.55 5.54 -37.35	142.97 5.41 -87.09	297.95 10.14 -193.51	147.28 6.70 -76.67	111.63 9.98 -4.31	70.67 4.74 0.00	68.07 3.75 0.00	75.75 3.51 0.00	58.94 2.36 0.00
INGHAM_C_115KV_TB7 356103	43.98 0.66 0.00	45.52 0.69 0.00	42.78 0.90 0.00	39.82 0.86 0.00	38.43 0.82 0.00	42.21 0.73 0.00	38.68 0.50 0.00	39.22 0.05 0.00	41.10 -0.64 0.00	45.59 -1.10 0.00	47.25 -1.01 0.00	68.38 -1.26 0.00	65.83 -1.14 0.00	76.52 -1.06 0.00	57.96 -0.89 0.00	55.68 0.01 0.00	50.98 0.52 0.00	97.51 3.21 0.00	66.98 3.07 0.00	102.45 5.12 0.00	69.04 3.10 0.00	66.72 2.41 0.00	73.82 1.58 0.00	57.13 0.55 0.00
IP CORINTH___1 23988	45.12 1.80 0.00	46.68 1.84 0.00	43.88 2.01 0.00	40.79 1.83 0.00	39.35 1.75 0.00	43.44 1.96 0.00	39.91 1.72 0.00	40.78 1.62 0.00	42.93 1.19 0.00	47.59 1.08 0.18	44.66 0.81 4.40	71.55 1.93 0.02	65.00 1.40 3.36	78.82 1.88 0.64	60.19 1.55 0.21	57.93 2.27 0.00	52.97 2.51 0.00	100.09 5.79 0.00	68.49 4.58 0.00	104.93 7.60 0.00	70.88 4.95 0.00	68.43 4.12 0.00	75.99 3.74 0.00	58.91 2.33 0.00
IP___TICONDEROGA 23804	47.10 3.78 0.00	48.92 4.09 0.00	46.04 4.17 0.00	42.61 3.65 0.00	41.16 3.55 0.00	45.64 4.15 0.00	42.00 3.81 0.00	42.63 3.46 0.00	44.04 2.29 0.00	47.83 1.33 0.18	45.62 1.76 4.40	74.43 4.81 0.02	66.42 2.81 3.36	81.09 4.15 0.64	62.01 3.38 0.21	60.55 4.88 0.00	55.08 4.61 0.00	103.25 8.95 0.00	70.11 6.20 0.00	109.16 11.83 0.00	74.67 8.73 0.00	72.19 7.88 0.00	79.82 7.58 0.00	61.20 4.62 0.00
ISLIP_RES_REC 323679	47.21 3.89 0.00	48.84 4.00 0.00	45.61 3.74 0.00	42.21 3.25 0.00	40.55 2.95 0.00	44.33 2.85 0.00	40.63 2.45 0.00	41.74 2.58 0.00	44.69 2.95 0.00	51.62 4.80 -0.13	56.50 5.02 -3.22	75.69 6.79 0.75	84.32 7.26 -10.08	138.08 8.33 -52.17	105.77 6.45 -40.47	91.54 7.08 -28.80	125.36 6.92 -67.97	263.29 12.11 -156.88	154.41 8.37 -82.13	112.98 12.64 -3.01	68.72 6.52 3.73	65.53 4.98 3.76	72.90 4.21 3.56	58.92 2.66 0.31

JAMAICA__27_KV_LOAD 355505	47.16 3.84 0.00	48.51 3.68 0.00	45.55 3.68 0.00	42.35 3.39 0.00	40.77 3.16 0.00	44.60 3.12 0.00	41.07 2.89 0.00	42.33 3.16 0.00	45.27 3.52 0.00	51.59 4.77 -0.13	56.64 5.17 -3.22	76.92 7.26 -0.02	87.46 7.33 -13.16	148.98 8.45 -62.95	111.50 6.26 -46.39	94.58 6.73 -32.18	133.02 6.57 -75.98	276.39 12.33 -169.76	138.57 8.09 -66.57	115.16 11.97 -5.86	72.71 6.07 -0.70	69.86 5.11 -0.45	77.32 5.08 0.00	60.05 3.47 0.00
JANIS__SOLAR 323808	45.50 2.04 -0.13	47.10 1.86 -0.41	43.58 1.70 -0.02	40.53 1.57 0.00	39.23 1.62 0.00	43.12 1.63 0.00	39.53 1.35 0.00	40.40 1.23 0.00	42.74 0.99 0.00	47.49 0.81 0.00	49.06 0.80 0.00	71.09 1.44 0.00	70.24 1.95 -1.33	88.12 2.88 -7.67	66.40 1.81 -5.74	61.52 1.81 -4.04	62.09 2.21 -9.42	121.22 5.98 -20.93	77.18 4.98 -8.29	105.27 7.47 -0.47	70.63 4.70 0.00	68.41 4.10 0.00	75.67 3.43 0.00	59.05 2.47 0.00
JARVIS____ 23743	43.54 0.21 0.00	45.02 0.19 0.00	42.12 0.25 0.00	39.19 0.24 0.00	37.83 0.23 0.00	41.69 0.20 0.00	38.34 0.15 0.00	39.27 0.10 0.00	41.82 0.07 0.00	46.76 0.07 0.00	48.35 0.09 0.00	69.79 0.14 0.00	67.14 0.17 0.00	77.80 0.22 0.00	59.01 0.16 0.00	55.94 0.27 0.00	50.83 0.36 0.00	95.25 0.95 0.00	64.60 0.69 0.00	98.38 1.05 0.00	66.52 0.59 0.00	64.72 0.41 0.00	72.52 0.28 0.00	56.70 0.12 0.00
JENNISON____1 23625	45.65 2.33 0.00	47.01 2.17 0.00	43.94 2.07 0.00	40.87 1.91 0.00	39.54 1.93 0.00	43.25 1.77 0.00	39.63 1.44 0.00	40.63 1.47 0.00	43.20 1.45 0.00	48.22 1.53 0.00	50.00 1.74 0.00	72.99 3.34 0.00	73.27 3.60 -2.70	97.59 4.45 -15.56	73.58 3.08 -11.65	66.95 3.08 -8.20	72.89 3.30 -19.12	144.06 7.27 -42.49	86.07 5.33 -16.84	105.36 7.08 -0.95	69.84 3.91 0.00	67.45 3.13 0.00	74.46 2.22 0.00	58.55 1.96 0.00
JENNISON____2 23626	45.65 2.33 0.00	47.01 2.17 0.00	43.94 2.07 0.00	40.87 1.91 0.00	39.54 1.93 0.00	43.25 1.77 0.00	39.63 1.44 0.00	40.63 1.47 0.00	43.20 1.45 0.00	48.22 1.53 0.00	50.00 1.74 0.00	72.99 3.34 0.00	73.27 3.60 -2.70	97.59 4.45 -15.56	73.58 3.08 -11.65	66.95 3.08 -8.20	72.89 3.30 -19.12	144.06 7.27 -42.49	86.07 5.33 -16.84	105.36 7.08 -0.95	69.84 3.91 0.00	67.45 3.13 0.00	74.46 2.22 0.00	58.55 1.96 0.00
JERICOHO_RISE_WT_PWR 323719	43.40 0.08 0.00	45.01 0.18 0.00	41.75 -0.12 0.00	38.65 -0.31 0.00	37.26 -0.34 0.00	41.41 -0.07 0.00	38.31 0.12 0.00	39.39 0.23 0.00	42.01 0.26 0.00	46.95 0.26 0.00	48.27 0.01 0.00	69.40 -0.25 0.00	66.30 -0.67 0.00	76.71 -0.87 0.00	58.09 -0.77 0.00	54.33 -1.34 0.00	48.66 -1.81 0.00	89.96 -4.35 0.00	61.00 -2.90 0.00	93.42 -3.92 0.00	69.01 -2.24 -5.32	65.26 -1.68 -2.63	71.25 -0.99 0.00	56.34 -0.24 0.00
KATONAH__115KV_46KV_TB4 355592	46.28 2.95 0.00	47.67 2.84 0.00	44.75 2.88 0.00	41.59 2.64 0.00	40.06 2.46 0.00	43.95 2.46 0.00	40.42 2.23 0.00	41.59 2.43 0.00	44.43 2.68 0.00	50.61 3.79 -0.13	55.68 4.21 -3.22	75.59 5.92 -0.02	76.17 5.99 -3.22	89.86 7.08 -5.21	67.96 5.40 -3.71	64.07 5.90 -2.51	62.09 5.78 -5.84	118.15 10.91 -12.94	76.24 7.21 -5.13	108.37 10.74 -0.29	71.30 5.36 0.00	68.63 4.32 0.00	76.29 4.05 0.00	59.30 2.72 0.00
KCE_NY_1 323755	45.31 1.98 0.00	46.84 2.00 0.00	44.01 2.14 0.00	40.92 1.96 0.00	39.49 1.88 0.00	43.55 2.07 0.00	40.01 1.83 0.00	40.98 1.81 0.00	43.31 1.57 0.00	48.17 1.68 0.19	45.00 1.55 4.81	72.37 2.75 0.03	65.64 2.35 3.67	79.76 2.89 0.70	60.79 2.17 0.23	58.39 2.72 0.00	53.34 2.87 0.00	100.60 6.30 0.00	68.40 4.50 0.00	104.79 7.45 0.00	70.73 4.80 0.00	68.12 3.81 0.00	75.94 3.70 0.00	58.95 2.37 0.00
KCE_NY_6_ESR 323823	42.80 -0.09 0.44	42.79 -0.69 1.35	40.98 -0.84 0.05	38.16 -0.80 0.00	37.09 -0.52 0.00	40.78 -0.70 0.00	36.98 -1.20 0.00	37.93 -1.24 0.00	40.93 -0.82 0.00	46.36 -0.33 0.00	47.69 -0.56 0.00	69.58 -0.07 0.00	67.39 0.42 0.00	78.26 0.68 0.00	58.95 0.09 0.00	55.81 0.14 0.00	51.02 0.55 0.00	97.49 3.19 0.00	65.50 1.59 0.00	98.00 0.66 0.00	65.27 -0.66 0.00	64.07 -0.25 0.00	72.16 -0.08 0.00	56.99 0.41 0.00
KEDC PORT_JEFF_GT2 24210	46.80 3.48 0.00	48.47 3.64 0.00	45.31 3.44 0.00	41.94 2.98 0.00	40.29 2.68 0.00	44.04 2.55 0.00	40.35 2.16 0.00	41.39 2.23 0.00	44.25 2.51 0.00	51.05 4.24 -0.13	55.90 4.43 -3.22	74.54 5.80 0.91	82.85 6.13 -9.75	135.50 6.57 -51.36	104.01 5.19 -39.97	90.00 5.88 -28.45	123.66 5.82 -67.37	261.49 10.08 -157.11	160.27 6.99 -89.37	111.75 10.53 -3.88	67.59 5.50 3.83	64.21 4.02 4.13	71.41 3.22 4.05	58.22 1.99 0.35
KEDC PORT_JEFF_GT3 24211	46.80 3.48 0.00	48.47 3.64 0.00	45.31 3.44 0.00	41.94 2.98 0.00	40.29 2.68 0.00	44.04 2.55 0.00	40.35 2.16 0.00	41.39 2.23 0.00	44.25 2.51 0.00	51.05 4.24 -0.13	55.90 4.43 -3.22	74.54 5.80 0.91	82.85 6.13 -9.75	135.50 6.57 -51.36	104.01 5.19 -39.97	90.00 5.88 -28.45	123.66 5.82 -67.37	261.49 10.08 -157.11	160.27 6.99 -89.37	111.75 10.53 -3.88	67.59 5.50 3.83	64.21 4.02 4.13	71.41 3.22 4.05	58.22 1.99 0.35
KEDC_GLWD_GT4 24219	46.92 3.60 0.00	48.40 3.57 0.00	45.34 3.48 0.00	42.10 3.14 0.00	40.51 2.91 0.00	44.34 2.86 0.00	40.73 2.54 0.00	41.92 2.76 0.00	44.90 3.15 0.00	51.39 4.58 -0.13	56.39 4.91 -3.22	76.17 6.51 -0.02	86.97 6.57 -13.42	146.23 7.59 -61.06	110.26 5.89 -45.51	94.02 6.43 -31.92	131.19 6.25 -74.47	271.22 11.46 -165.46	137.02 7.64 -65.48	111.76 11.24 -3.19	71.16 5.57 0.34	68.57 4.43 0.17	76.48 4.23 0.00	59.64 3.05 0.00
KEDC_GLWD_GT5 24220	46.92 3.60 0.00	48.40 3.57 0.00	45.34 3.48 0.00	42.10 3.14 0.00	40.51 2.91 0.00	44.34 2.86 0.00	40.73 2.54 0.00	41.92 2.76 0.00	44.90 3.15 0.00	51.39 4.58 -0.13	56.39 4.91 -3.22	76.17 6.51 -0.02	86.97 6.57 -13.42	146.23 7.59 -61.06	110.26 5.89 -45.51	94.02 6.43 -31.92	131.19 6.25 -74.47	271.22 11.46 -165.46	137.02 7.64 -65.48	111.76 11.24 -3.19	71.16 5.57 0.34	68.57 4.43 0.17	76.48 4.23 0.00	59.64 3.05 0.00
KENSICO____ 23655	46.35 3.03 0.00	47.76 2.93 0.00	44.84 2.97 0.00	41.69 2.73 0.00	40.15 2.54 0.00	43.99 2.51 0.00	40.46 2.28 0.00	41.64 2.47 0.00	44.49 2.75 0.00	50.75 3.93 -0.13	55.81 4.33 -3.22	75.71 6.05 -0.02	86.59 6.08 -13.54	149.47 7.08 -64.81	112.54 5.36 -48.33	95.45 5.87 -33.91	135.27 5.73 -79.08	280.70 10.70 -175.70	140.61 7.08 -69.62	111.82 10.57 -3.91	71.08 5.15 0.00	68.45 4.14 0.00	76.13 3.89 0.00	59.22 2.64 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	46.26 2.93 0.00	47.62 2.79 0.00	44.63 2.76 0.00	41.49 2.52 0.00	39.96 2.36 0.00	43.82 2.34 0.00	40.27 2.08 0.00	41.45 2.29 0.00	44.28 2.53 0.00	50.73 3.94 -0.10	55.14 4.33 -2.56	75.65 5.99 -0.01	82.85 6.28 -9.60	128.53 7.62 -43.33	94.66 6.07 -29.73	85.34 6.62 -23.06	111.05 6.56 -54.03	228.11 12.60 -121.21	120.86 8.46 -48.50	112.59 12.53 -2.73	72.05 6.12 0.00	69.42 5.10 0.00	77.07 4.83 0.00	59.87 3.29 0.00

KIAC_JFK_GT1 23816	46.67 3.35 0.00	48.02 3.19 0.00	45.09 3.23 0.00	41.94 2.98 0.00	40.38 2.78 0.00	44.18 2.70 0.00	40.67 2.49 0.00	41.92 2.75 0.00	44.83 3.08 0.00	51.10 4.28 -0.13	56.12 4.65 -3.22	76.16 6.50 -0.02	86.70 6.57 -13.16	148.04 7.51 -62.95	110.80 5.55 -46.39	93.91 6.06 -32.18	132.39 5.95 -75.98	275.16 11.11 -169.76	137.75 7.27 -66.57	113.94 10.75 -5.86	71.89 5.25 -0.70	69.09 4.33 -0.45	76.47 4.23 0.00	59.39 2.81 0.00
KIAC_JFK_GT2 23817	46.67 3.35 0.00	48.02 3.19 0.00	45.09 3.23 0.00	41.94 2.98 0.00	40.38 2.78 0.00	44.18 2.70 0.00	40.67 2.49 0.00	41.92 2.75 0.00	44.83 3.08 0.00	51.10 4.28 -0.13	56.12 4.65 -3.22	76.16 6.50 -0.02	86.70 6.57 -13.16	148.04 7.51 -62.95	110.80 5.55 -46.39	93.91 6.06 -32.18	132.39 5.95 -75.98	275.16 11.11 -169.76	137.75 7.27 -66.57	113.94 10.75 -5.86	71.89 5.25 -0.70	69.09 4.33 -0.45	76.47 4.23 0.00	59.39 2.81 0.00
KIAC_JFK____ 323774	46.67 3.35 0.00	48.02 3.19 0.00	45.09 3.23 0.00	41.94 2.98 0.00	40.39 2.78 0.00	44.18 2.70 0.00	40.67 2.49 0.00	41.92 2.75 0.00	44.82 3.07 0.00	51.10 4.28 -0.13	56.10 4.62 -3.22	76.16 6.50 -0.02	86.70 6.58 -13.16	148.05 7.53 -62.95	110.80 5.55 -46.39	93.90 6.05 -32.18	132.39 5.94 -75.98	275.16 11.10 -169.76	137.74 7.26 -66.57	113.86 10.67 -5.86	71.88 5.24 -0.70	69.07 4.31 -0.45	76.46 4.22 0.00	59.39 2.81 0.00
KINTIGH__24_KV_GSU 356498	42.58 -0.43 0.31	42.91 -0.96 0.96	40.83 -1.00 0.04	38.07 -0.89 0.00	36.96 -0.65 0.00	40.69 -0.79 0.00	36.92 -1.26 0.00	37.82 -1.34 0.00	40.76 -0.98 0.00	46.08 -0.60 0.00	47.36 -0.89 0.00	68.85 -0.79 0.00	66.66 -0.31 0.00	77.39 -0.19 0.00	58.47 -0.39 0.00	55.32 -0.35 0.00	50.51 0.05 0.00	96.29 1.99 0.00	64.98 1.08 0.00	97.44 0.11 0.00	65.09 -0.84 0.00	63.72 -0.59 0.00	71.75 -0.49 0.00	56.70 0.12 0.00
KINTIGH____ 23543	42.85 -0.47 0.00	43.83 -1.01 0.00	40.84 -1.03 0.00	38.03 -0.93 0.00	36.92 -0.69 0.00	40.65 -0.83 0.00	36.89 -1.30 0.00	37.79 -1.38 0.00	40.72 -1.03 0.00	46.05 -0.64 0.00	47.28 -0.98 0.00	68.77 -0.87 0.00	66.59 -0.38 0.00	77.32 -0.26 0.00	58.42 -0.44 0.00	55.27 -0.39 0.00	50.47 0.01 0.00	96.17 1.87 0.00	64.92 1.02 0.00	97.21 -0.12 0.00	65.00 -0.93 0.00	63.67 -0.64 0.00	71.68 -0.56 0.00	56.65 0.07 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	44.11 0.78 0.00	45.66 0.83 0.00	42.37 0.50 0.00	39.22 0.26 0.00	37.81 0.20 0.00	41.92 0.44 0.00	38.80 0.61 0.00	39.86 0.69 0.00	42.30 0.55 0.00	47.19 0.50 0.00	48.54 0.28 0.00	69.71 0.06 0.00	66.25 -0.72 0.00	76.54 -1.04 0.00	57.91 -0.94 0.00	54.26 -1.40 0.00	48.60 -1.87 0.00	90.09 -4.21 0.00	61.29 -2.62 0.00	94.06 -3.28 0.00	64.09 -1.84 0.00	62.88 -1.43 0.00	71.60 -0.64 0.00	56.74 0.16 0.00
LACHUTE____HYDRO 323717	47.10 3.78 0.00	48.92 4.09 0.00	46.04 4.17 0.00	42.61 3.65 0.00	41.16 3.56 0.00	45.64 4.15 0.00	42.00 3.81 0.00	42.63 3.46 0.00	44.04 2.29 0.00	47.83 1.33 0.18	45.61 1.76 4.40	74.44 4.81 0.02	66.42 2.81 3.36	81.09 4.15 0.64	62.01 3.37 0.21	60.55 4.88 0.00	55.08 4.61 0.00	103.22 8.92 0.00	70.11 6.20 0.00	109.18 11.85 0.00	74.66 8.73 0.00	72.19 7.87 0.00	79.82 7.58 0.00	61.20 4.62 0.00
LAWRNCV_115KV_TB1 80681	43.93 0.61 0.00	45.65 0.82 0.00	42.36 0.50 0.00	39.29 0.33 0.00	37.93 0.33 0.00	42.14 0.65 0.00	38.83 0.65 0.00	39.67 0.50 0.00	42.34 0.60 0.00	47.39 0.71 0.00	48.66 0.41 0.00	70.03 0.39 0.00	67.01 0.05 0.00	77.64 0.07 0.00	58.56 -0.29 0.00	54.45 -1.22 0.00	48.80 -1.67 0.00	88.93 -5.37 0.00	60.56 -3.35 0.00	93.18 -4.15 0.00	142.96 -1.62 -78.64	102.40 -0.72 -38.80	72.80 0.56 0.00	57.64 1.06 0.00
LEDERLE____ 23769	46.39 3.07 0.00	47.77 2.94 0.00	44.83 2.96 0.00	41.71 2.75 0.00	40.18 2.58 0.00	44.06 2.58 0.00	40.50 2.31 0.00	41.66 2.49 0.00	44.50 2.75 0.00	50.81 4.00 -0.13	55.89 4.46 -3.17	75.95 6.29 -0.02	90.11 6.45 -16.69	168.42 7.64 -83.20	126.73 5.78 -62.10	105.57 6.30 -43.61	158.29 6.13 -101.69	331.73 11.46 -225.96	160.97 7.53 -89.53	113.53 11.16 -5.03	71.32 5.39 0.00	68.69 4.38 0.00	76.41 4.17 0.00	59.44 2.86 0.00
LIGHTHSE_115KV_TB6 355974	43.54 0.22 0.00	44.82 -0.02 0.00	41.93 0.06 0.00	39.04 0.08 0.00	37.75 0.14 0.00	41.58 0.10 0.00	38.16 -0.03 0.00	38.95 -0.22 0.00	41.44 -0.30 0.00	46.40 -0.29 0.00	48.15 -0.35 -0.25	72.45 -0.52 -3.33	67.14 -0.39 -0.56	83.24 -0.30 -5.96	64.88 -0.34 -6.37	55.65 -0.32 -0.31	50.58 0.11 0.00	95.29 0.99 0.00	69.36 1.27 -4.19	103.90 1.97 -4.60	74.94 1.42 -7.59	76.21 1.25 -10.65	79.77 1.16 -6.37	63.31 0.63 -6.10
LINDEN COGEN____ 23786	46.45 3.13 0.00	47.84 3.01 0.00	44.95 3.08 0.00	41.83 2.87 0.00	40.28 2.67 0.00	44.07 2.59 0.00	40.56 2.37 0.00	41.77 2.61 0.00	44.68 2.93 0.00	50.98 4.16 -0.13	56.00 4.53 -3.22	75.95 6.28 -0.02	86.27 6.34 -12.96	141.00 7.27 -56.16	109.33 5.38 -45.10	92.96 5.91 -31.38	131.03 5.73 -74.83	271.47 10.61 -166.56	136.96 7.06 -66.00	111.54 10.49 -3.71	70.27 5.06 0.72	68.35 4.04 0.00	75.96 3.79 0.07	59.17 2.59 0.01
LINDHRST_69_KV_BK1 356055	47.36 4.04 0.00	48.95 4.12 0.00	45.76 3.89 0.00	42.39 3.43 0.00	40.72 3.12 0.00	44.54 3.06 0.00	40.83 2.65 0.00	41.97 2.80 0.00	44.97 3.22 0.00	51.72 4.91 -0.13	56.55 5.07 -3.22	76.20 6.81 0.27	85.58 7.18 -11.43	141.29 8.11 -55.60	107.67 6.31 -42.50	92.66 6.83 -30.16	127.76 6.78 -70.51	264.66 12.15 -158.21	137.12 8.34 -64.87	111.04 12.81 -0.90	69.19 6.33 3.07	66.88 4.98 2.42	74.71 4.43 1.96	59.33 2.92 0.17
LIPA_MISC_IPP 23656	46.66 3.34 0.00	48.28 3.44 0.00	45.11 3.24 0.00	41.76 2.80 0.00	40.10 2.50 0.00	43.83 2.35 0.00	40.17 1.99 0.00	41.27 2.10 0.00	44.12 2.38 0.00	50.91 4.09 -0.13	55.72 4.25 -3.22	74.58 5.57 0.64	83.42 6.04 -10.41	137.86 6.98 -53.31	105.49 5.45 -41.18	91.12 6.12 -29.32	125.42 6.13 -68.82	262.18 10.58 -157.30	148.83 7.39 -77.53	111.36 11.64 -2.38	68.12 5.53 3.34	65.04 3.96 3.23	72.35 3.11 3.00	58.18 1.86 0.26
LISF____SOLAR 323691	46.78 3.46 0.00	48.37 3.53 0.00	45.19 3.33 0.00	41.83 2.87 0.00	40.18 2.57 0.00	43.92 2.44 0.00	40.26 2.07 0.00	41.35 2.18 0.00	44.19 2.45 0.00	51.02 4.20 -0.13	55.79 4.32 -3.22	74.70 5.73 0.68	83.47 6.18 -10.32	137.79 7.18 -53.03	105.48 5.61 -41.01	91.17 6.30 -29.20	125.28 6.20 -68.62	262.32 10.77 -157.24	150.49 7.58 -79.00	111.33 11.42 -2.57	68.22 5.71 3.42	65.13 4.18 3.36	72.44 3.33 3.14	58.33 2.02 0.27
LITTLE FALLS____HYD 24013	43.98 0.66 0.00	45.52 0.69 0.00	42.78 0.90 0.00	39.82 0.86 0.00	38.43 0.82 0.00	42.21 0.73 0.00	38.68 0.50 0.00	39.22 0.05 0.00	41.10 -0.64 0.00	45.59 -1.10 0.00	47.25 -1.01 0.00	68.38 -1.26 0.00	65.83 -1.14 0.00	76.52 -1.06 0.00	57.96 -0.89 0.00	55.68 0.01 0.00	50.98 0.52 0.00	97.51 3.21 0.00	66.98 3.07 0.00	102.45 5.12 0.00	69.04 3.10 0.00	66.72 2.41 0.00	73.82 1.58 0.00	57.13 0.55 0.00

LITTLRIV_115KV_TB1 356100	44.48 1.16 0.00	46.24 1.41 0.00	42.88 1.01 0.00	39.78 0.83 0.00	38.41 0.81 0.00	42.71 1.23 0.00	39.33 1.14 0.00	39.99 0.82 0.00	42.51 0.77 0.00	47.50 0.81 0.00	48.77 0.51 0.00	70.17 0.52 0.00	67.14 0.17 0.00	77.82 0.25 0.00	58.68 -0.17 0.00	54.53 -1.13 0.00	48.86 -1.60 0.00	89.19 -5.12 0.00	60.98 -2.92 0.00	94.79 -2.55 0.00	140.52 -0.41 -75.00	101.84 0.52 -37.00	74.14 1.90 0.00	58.64 2.06 0.00
LI_NEWBRDGE___DRP 323616	46.57 3.25 0.00	48.12 3.28 0.00	45.03 3.16 0.00	41.77 2.82 0.00	40.17 2.56 0.00	43.94 2.46 0.00	40.29 2.10 0.00	41.41 2.25 0.00	44.34 2.59 0.00	50.88 4.06 -0.13	55.65 4.18 -3.22	75.21 5.54 -0.02	84.92 5.88 -12.07	142.77 6.64 -58.55	108.62 5.22 -44.55	93.32 5.77 -31.88	128.97 5.75 -72.76	264.61 10.19 -160.13	135.42 6.91 -64.60	108.01 10.58 -0.09	69.66 4.91 1.19	67.26 3.70 0.75	75.46 3.21 0.00	58.66 2.08 0.00
LOCKPORT_115KV_TB60_63_64 80432	42.72 -0.60 0.00	43.61 -1.22 0.00	40.65 -1.22 0.00	37.82 -1.14 0.00	36.77 -0.84 0.00	40.49 -0.99 0.00	36.64 -1.55 0.00	37.38 -1.78 0.00	40.32 -1.42 0.00	45.64 -1.05 0.00	46.65 -1.60 0.00	67.94 -1.70 0.00	66.00 -0.97 0.00	76.71 -0.86 0.00	57.98 -0.87 0.00	54.84 -0.83 0.00	50.07 -0.40 0.00	95.50 1.20 0.00	64.42 0.52 0.00	95.96 -1.38 0.00	64.17 -1.76 0.00	62.99 -1.32 0.00	71.18 -1.06 0.00	56.51 -0.07 0.00
LOCKPORT___CC1 323769	42.35 -0.63 0.34	42.55 -1.23 1.05	40.58 -1.25 0.04	37.79 -1.17 0.00	36.75 -0.86 0.00	40.45 -1.03 0.00	36.60 -1.59 0.00	37.37 -1.79 0.00	40.30 -1.45 0.00	45.55 -1.14 0.00	46.61 -1.64 0.00	67.82 -1.83 0.00	65.84 -1.13 0.00	76.46 -1.12 0.00	57.78 -1.08 0.00	54.64 -1.02 0.00	49.89 -0.58 0.00	95.20 0.89 0.00	64.22 0.31 0.00	95.89 -1.45 0.00	63.99 -1.94 0.00	62.80 -1.51 0.00	70.95 -1.29 0.00	56.32 -0.27 0.00
LOCKPORT___CC2 323770	42.35 -0.63 0.34	42.55 -1.23 1.05	40.58 -1.25 0.04	37.79 -1.17 0.00	36.75 -0.86 0.00	40.45 -1.03 0.00	36.60 -1.59 0.00	37.37 -1.79 0.00	40.30 -1.45 0.00	45.55 -1.14 0.00	46.61 -1.64 0.00	67.82 -1.83 0.00	65.84 -1.13 0.00	76.46 -1.12 0.00	57.78 -1.08 0.00	54.64 -1.02 0.00	49.89 -0.58 0.00	95.20 0.89 0.00	64.22 0.31 0.00	95.89 -1.45 0.00	63.99 -1.94 0.00	62.80 -1.51 0.00	70.95 -1.29 0.00	56.32 -0.27 0.00
LOCKPORT___CC3 323771	42.35 -0.63 0.34	42.55 -1.23 1.05	40.58 -1.25 0.04	37.79 -1.17 0.00	36.75 -0.86 0.00	40.45 -1.03 0.00	36.60 -1.59 0.00	37.37 -1.79 0.00	40.30 -1.45 0.00	45.55 -1.14 0.00	46.61 -1.64 0.00	67.82 -1.83 0.00	65.84 -1.13 0.00	76.46 -1.12 0.00	57.78 -1.08 0.00	54.64 -1.02 0.00	49.89 -0.58 0.00	95.20 0.89 0.00	64.22 0.31 0.00	95.89 -1.45 0.00	63.99 -1.94 0.00	62.80 -1.51 0.00	70.95 -1.29 0.00	56.32 -0.27 0.00
LOCUSVLY_69_KV_BK2 55797	47.08 3.76 0.00	48.62 3.79 0.00	45.51 3.65 0.00	42.22 3.26 0.00	40.60 3.00 0.00	44.43 2.95 0.00	40.76 2.57 0.00	41.93 2.76 0.00	44.92 3.18 0.00	51.54 4.72 -0.13	56.47 4.99 -3.22	76.38 6.72 -0.02	87.10 6.99 -13.13	146.04 8.14 -60.32	110.41 6.33 -45.23	94.46 6.88 -31.91	131.18 6.75 -73.97	270.50 12.28 -163.92	137.32 8.21 -65.21	111.91 12.36 -2.22	71.33 6.04 0.64	68.76 4.82 0.36	76.66 4.42 0.00	59.61 3.03 0.00
LONG_LAKE_PHOENIX 24014	42.63 -0.69 0.00	43.83 -1.00 0.00	41.05 -0.82 0.00	38.23 -0.72 0.00	36.96 -0.65 0.00	40.64 -0.85 0.00	37.37 -0.81 0.00	38.32 -0.84 0.00	40.83 -0.92 0.00	45.72 -0.97 0.00	47.76 -0.87 -0.38	73.64 -1.13 -5.13	66.94 -0.89 -0.86	85.90 -0.87 -9.19	68.08 -0.60 -9.82	55.73 -0.41 -0.48	50.38 -0.09 0.00	94.83 0.53 0.00	70.79 0.42 -6.46	104.79 0.37 -7.09	66.79 -0.03 -0.89	75.20 -0.20 -11.08	81.47 -0.60 -9.82	65.32 -0.66 -9.40
LOVETT___3 23632	46.04 2.72 0.00	47.44 2.61 0.00	44.52 2.65 0.00	41.43 2.47 0.00	39.91 2.31 0.00	43.75 2.27 0.00	40.22 2.03 0.00	41.36 2.20 0.00	44.16 2.41 0.00	50.39 3.57 -0.13	55.42 3.98 -3.18	75.19 5.52 -0.02	88.74 5.63 -16.14	164.23 6.64 -80.01	123.57 5.00 -59.71	103.12 5.53 -41.93	153.65 5.41 -97.77	321.64 10.09 -217.25	156.64 6.66 -86.08	112.08 9.91 -4.84	70.56 4.63 0.00	67.97 3.66 0.00	75.63 3.39 0.00	58.87 2.29 0.00
LOVETT___4 23642	46.04 2.72 0.00	47.44 2.61 0.00	44.52 2.65 0.00	41.43 2.47 0.00	39.91 2.31 0.00	43.75 2.27 0.00	40.22 2.03 0.00	41.36 2.20 0.00	44.16 2.41 0.00	50.39 3.57 -0.13	55.42 3.98 -3.18	75.19 5.52 -0.02	88.74 5.63 -16.14	164.23 6.64 -80.01	123.57 5.00 -59.71	103.12 5.53 -41.93	153.65 5.41 -97.77	321.64 10.09 -217.25	156.64 6.66 -86.08	112.08 9.91 -4.84	70.56 4.63 0.00	67.97 3.66 0.00	75.63 3.39 0.00	58.87 2.29 0.00
LOVETT___5 23593	46.04 2.72 0.00	47.44 2.61 0.00	44.52 2.65 0.00	41.43 2.47 0.00	39.91 2.31 0.00	43.75 2.27 0.00	40.22 2.03 0.00	41.36 2.20 0.00	44.16 2.41 0.00	50.39 3.57 -0.13	55.42 3.98 -3.18	75.19 5.52 -0.02	88.74 5.63 -16.14	164.23 6.64 -80.01	123.57 5.00 -59.71	103.12 5.53 -41.93	153.65 5.41 -97.77	321.64 10.09 -217.25	156.64 6.66 -86.08	112.08 9.91 -4.84	70.56 4.63 0.00	67.97 3.66 0.00	75.63 3.39 0.00	58.87 2.29 0.00
LOWER RAQUET___HYD 24057	44.02 0.70 0.00	45.73 0.90 0.00	42.43 0.57 0.00	39.35 0.39 0.00	38.00 0.39 0.00	42.21 0.73 0.00	38.91 0.72 0.00	39.70 0.54 0.00	42.36 0.62 0.00	47.40 0.72 0.00	48.68 0.42 0.00	70.04 0.39 0.00	67.03 0.06 0.00	77.66 0.08 0.00	58.50 -0.35 0.00	54.33 -1.34 0.00	48.68 -1.79 0.00	88.63 -5.67 0.00	60.44 -3.47 0.00	93.08 -4.25 0.00	135.85 -1.65 -71.57	98.99 -0.64 -35.31	72.99 0.75 0.00	57.80 1.22 0.00
LOWER___HUDSON 24059	44.81 1.49 0.00	46.40 1.57 0.00	43.66 1.79 0.00	40.56 1.60 0.00	39.12 1.52 0.00	43.20 1.72 0.00	39.67 1.48 0.00	40.62 1.46 0.00	42.94 1.19 0.00	47.69 1.27 0.27	42.93 1.26 6.60	71.66 2.05 0.04	63.67 1.73 5.03	78.70 2.08 0.96	60.10 1.57 0.32	57.67 2.01 0.00	52.55 2.08 0.00	98.78 4.47 0.00	67.11 3.20 0.00	102.42 5.09 0.00	68.91 2.98 0.00	66.52 2.20 0.00	74.30 2.05 0.00	57.69 1.11 0.00
LOWVILLE_115KV_TB2 356335	45.02 1.70 0.00	46.46 1.63 0.00	43.40 1.53 0.00	40.34 1.39 0.00	39.02 1.41 0.00	43.12 1.64 0.00	39.50 1.31 0.00	39.98 0.82 0.00	42.51 0.76 0.00	47.61 0.92 0.00	49.11 0.79 -0.06	71.54 1.04 -0.85	68.05 0.94 -0.14	80.34 1.25 -1.51	61.08 0.61 -1.62	56.18 0.43 -0.08	51.41 0.94 0.00	96.28 1.97 0.00	67.31 2.34 -1.07	102.84 4.34 -1.17	89.71 3.43 -20.35	79.66 3.55 -11.80	77.47 3.60 -1.62	60.69 2.55 -1.55
LUTHERFT_115KV_GLOB_FND_222 355753	45.31 1.99 0.00	46.86 2.03 0.00	44.04 2.17 0.00	40.94 1.98 0.00	39.50 1.89 0.00	43.57 2.09 0.00	40.00 1.82 0.00	40.93 1.76 0.00	43.27 1.52 0.00	48.10 1.61 0.19	44.95 1.50 4.81	72.26 2.64 0.03	65.59 2.30 3.67	79.69 2.81 0.70	60.79 2.17 0.23	58.35 2.69 0.00	53.29 2.83 0.00	100.51 6.21 0.00	68.40 4.50 0.00	104.58 7.25 0.00	70.49 4.56 0.00	68.05 3.74 0.00	75.85 3.61 0.00	58.91 2.33 0.00

LUTHERNY_35_KV_BK2 355980	45.31 1.99 0.00	46.84 2.00 0.00	44.02 2.15 0.00	40.92 1.96 0.00	39.49 1.88 0.00	43.55 2.07 0.00	40.01 1.83 0.00	40.98 1.81 0.00	43.32 1.57 0.00	48.18 1.68 0.19	45.00 1.55 4.81	72.37 2.75 0.03	65.65 2.35 3.67	79.77 2.89 0.70	60.79 2.17 0.23	58.39 2.72 0.00	53.34 2.87 0.00	100.62 6.32 0.00	68.40 4.50 0.00	104.72 7.39 0.00	70.73 4.80 0.00	68.12 3.81 0.00	75.94 3.70 0.00	58.95 2.37 0.00
LWR___OSWEGATCHIE_HYD 23850	44.47 1.15 0.00	46.04 1.21 0.00	42.87 1.00 0.00	39.81 0.85 0.00	38.46 0.85 0.00	42.62 1.14 0.00	39.15 0.96 0.00	39.66 0.50 0.00	42.24 0.50 0.00	47.39 0.71 0.00	48.76 0.45 -0.06	70.92 0.49 -0.78	67.36 0.26 -0.13	79.36 0.40 -1.38	60.25 -0.08 -1.48	55.09 -0.65 -0.07	49.92 -0.54 0.00	92.35 -1.95 0.00	64.38 -0.51 -0.98	98.54 0.13 -1.07	115.49 0.98 -48.58	91.38 1.48 -25.59	76.00 2.27 -1.49	59.91 1.91 -1.43
LYONS_FALL_HYD 23570	44.78 1.45 0.00	46.19 1.36 0.00	43.18 1.31 0.00	40.16 1.20 0.00	38.83 1.22 0.00	42.86 1.38 0.00	39.31 1.13 0.00	39.95 0.79 0.00	42.50 0.75 0.00	47.59 0.90 0.00	49.13 0.83 -0.04	71.37 1.19 -0.54	68.20 1.14 -0.09	80.03 1.50 -0.96	60.83 0.96 -1.02	56.63 0.92 -0.05	51.79 1.32 0.00	97.27 2.97 0.00	67.23 2.64 -0.68	102.55 4.47 -0.74	82.63 3.26 -13.43	75.30 3.24 -7.74	76.49 3.22 -1.03	59.78 2.22 -0.98
MADISON___COUNTY_LFGE 323628	44.57 1.24 0.00	45.94 1.11 0.00	42.95 1.08 0.00	39.96 1.00 0.00	38.65 1.04 0.00	42.58 1.10 0.00	39.09 0.91 0.00	39.91 0.75 0.00	42.42 0.68 0.00	47.45 0.76 0.00	49.06 0.80 0.00	70.99 1.34 0.00	68.43 1.46 0.00	79.57 1.99 0.00	60.41 1.56 0.00	57.37 1.70 0.00	52.50 2.04 0.00	99.18 4.88 0.00	67.39 3.49 0.00	102.65 5.31 0.00	73.35 3.42 -4.00	69.43 3.15 -1.97	75.24 3.00 0.00	58.50 1.92 0.00
MALONE___115KV_TB1 356076	43.93 0.61 0.00	45.55 0.71 0.00	42.22 0.35 0.00	39.10 0.14 0.00	37.72 0.11 0.00	41.96 0.47 0.00	38.79 0.60 0.00	39.80 0.63 0.00	42.44 0.70 0.00	47.46 0.77 0.00	48.80 0.54 0.00	70.20 0.55 0.00	67.13 0.16 0.00	77.72 0.15 0.00	58.78 -0.08 0.00	54.89 -0.78 0.00	49.21 -1.25 0.00	90.71 -3.59 0.00	61.68 -2.22 0.00	94.75 -2.58 0.00	86.83 -1.06 -21.96	74.56 -0.59 -10.83	72.70 0.46 0.00	57.42 0.84 0.00
MAPLEWOD_115KV_TB3 80458	44.44 1.12 0.00	45.93 1.09 0.00	43.11 1.25 0.00	40.11 1.15 0.00	38.69 1.08 0.00	42.56 1.08 0.00	39.09 0.91 0.00	39.96 0.79 0.00	42.54 0.80 0.00	47.56 0.99 0.11	46.47 1.03 2.81	71.11 1.48 0.02	66.15 1.34 2.16	78.74 1.58 0.41	60.00 1.28 0.14	57.42 1.75 0.00	52.48 2.01 0.00	98.69 4.39 0.00	66.96 3.05 0.00	102.09 4.76 0.00	68.57 2.63 0.00	66.26 1.94 0.00	73.96 1.72 0.00	57.47 0.89 0.00
MAPLE_RIDGE_WT_1 323574	43.33 0.01 0.00	44.84 0.01 0.00	41.86 -0.01 0.00	38.93 -0.03 0.00	37.57 -0.04 0.00	41.49 0.01 0.00	38.20 0.01 0.00	39.16 -0.01 0.00	41.73 -0.01 0.00	46.68 -0.01 0.00	48.21 -0.04 0.00	69.54 -0.10 0.00	66.80 -0.17 0.00	77.38 -0.20 0.00	58.59 -0.27 0.00	55.22 -0.44 0.00	49.99 -0.48 0.00	93.08 -1.22 0.00	63.09 -0.82 0.00	96.40 -0.94 0.00	65.22 -0.71 0.00	63.58 -0.73 0.00	71.51 -0.72 0.00	56.23 -0.35 0.00
MAPLE_RIDGE_WT_2 323611	43.33 0.01 0.00	44.84 0.01 0.00	41.86 -0.01 0.00	38.93 -0.03 0.00	37.57 -0.04 0.00	41.49 0.01 0.00	38.20 0.01 0.00	39.16 -0.01 0.00	41.73 -0.01 0.00	46.68 -0.01 0.00	48.21 -0.04 0.00	69.54 -0.10 0.00	66.80 -0.17 0.00	77.38 -0.20 0.00	58.59 -0.27 0.00	55.22 -0.44 0.00	49.99 -0.48 0.00	93.08 -1.22 0.00	63.09 -0.82 0.00	96.40 -0.94 0.00	65.22 -0.71 0.00	63.58 -0.73 0.00	71.51 -0.72 0.00	56.23 -0.35 0.00
MARBLE_RIVER_WT_PWR 323696	43.51 0.19 0.00	45.10 0.27 0.00	41.85 -0.02 0.00	38.76 -0.20 0.00	37.37 -0.23 0.00	41.50 0.02 0.00	38.38 0.20 0.00	39.46 0.29 0.00	42.04 0.29 0.00	46.96 0.27 0.00	48.29 0.03 0.00	69.41 -0.24 0.00	66.24 -0.72 0.00	76.61 -0.97 0.00	58.00 -0.85 0.00	54.29 -1.38 0.00	48.65 -1.81 0.00	90.02 -4.28 0.00	61.05 -2.86 0.00	93.50 -3.84 0.00	63.69 -2.24 0.00	62.63 -1.69 0.00	71.19 -1.05 0.00	56.32 -0.26 0.00
MARSHVLE_115KV_TB1 80742	45.98 2.66 0.00	47.26 2.43 0.00	44.16 2.29 0.00	41.05 2.09 0.00	39.66 2.06 0.00	43.79 2.31 0.00	39.97 1.79 0.00	40.39 1.23 0.00	42.96 1.22 0.00	47.94 1.35 0.10	47.23 1.46 2.49	71.91 2.28 0.01	67.42 2.33 1.89	80.11 2.89 0.36	60.99 2.25 0.12	57.86 2.19 0.00	52.60 2.14 0.00	99.40 5.10 0.00	68.35 4.45 0.00	104.20 6.86 0.00	70.77 4.84 0.00	69.24 4.93 0.00	77.42 5.18 0.00	60.79 4.21 0.00
MARSH_HILL_WT_PWR 323713	44.44 1.12 0.00	45.46 0.63 0.00	42.25 0.38 0.00	39.28 0.32 0.00	38.19 0.59 0.00	41.77 0.29 0.00	38.13 -0.05 0.00	38.99 -0.18 0.00	41.45 -0.29 0.00	46.38 -0.31 0.00	47.89 -0.37 0.00	70.17 0.53 0.00	68.15 1.19 0.00	78.77 1.20 0.00	59.15 0.30 0.00	56.19 0.53 0.00	51.65 1.19 0.00	99.22 4.92 0.00	66.88 2.97 0.00	100.33 2.99 0.00	66.52 0.59 0.00	64.77 0.46 0.00	72.39 0.15 0.00	56.36 -0.22 0.00
MCINTYRE_115KV_TB2 80467	44.58 1.26 0.00	46.36 1.52 0.00	42.97 1.10 0.00	39.89 0.93 0.00	38.50 0.89 0.00	42.82 1.34 0.00	39.42 1.23 0.00	40.02 0.86 0.00	42.54 0.79 0.00	47.53 0.84 0.00	48.79 0.53 0.00	70.18 0.53 0.00	67.18 0.21 0.00	77.87 0.29 0.00	58.81 -0.04 0.00	54.67 -0.99 0.00	48.95 -1.51 0.00	89.40 -4.90 0.00	61.07 -2.84 0.00	95.41 -1.93 0.00	146.49 0.04 -80.51	104.96 0.92 -39.72	74.47 2.23 0.00	58.87 2.29 0.00
MECO_____69_KV_BK1 80468	46.30 2.98 0.00	47.65 2.82 0.00	44.57 2.71 0.00	41.45 2.49 0.00	40.05 2.44 0.00	44.19 2.71 0.00	40.42 2.24 0.00	40.73 1.56 0.00	43.05 1.30 0.00	47.48 0.91 0.11	46.44 0.89 2.70	71.30 1.67 0.01	66.26 1.35 2.06	78.99 1.81 0.39	60.24 1.52 0.13	57.79 2.12 0.00	52.72 2.25 0.00	101.18 6.88 0.00	69.79 5.88 0.00	106.64 9.31 0.00	72.20 6.27 0.00	70.33 6.02 0.00	78.42 6.18 0.00	61.23 4.65 0.00
MENANDS___115KV_TB5 355628	44.15 0.83 0.00	45.63 0.80 0.00	42.85 0.98 0.00	39.87 0.91 0.00	38.47 0.86 0.00	42.30 0.82 0.00	38.86 0.68 0.00	39.71 0.54 0.00	42.29 0.55 0.00	47.29 0.72 0.11	46.26 0.76 2.76	70.63 1.00 0.02	65.74 0.88 2.12	78.15 0.98 0.40	59.55 0.83 0.13	56.95 1.28 0.00	51.99 1.53 0.00	97.69 3.39 0.00	66.24 2.34 0.00	101.01 3.67 0.00	67.81 1.88 0.00	65.52 1.21 0.00	73.16 0.92 0.00	56.87 0.28 0.00
MG INDUSTRY___DRP 24185	44.29 0.97 0.00	45.80 0.97 0.00	43.03 1.16 0.00	40.05 1.10 0.00	38.66 1.05 0.00	42.50 1.02 0.00	38.96 0.77 0.00	39.68 0.51 0.00	42.16 0.41 0.00	47.05 0.41 0.05	47.44 0.42 1.24	70.12 0.48 0.01	66.10 0.09 0.97	64.80 -0.87 11.90	32.93 -0.86 25.06	51.66 -0.44 3.57	43.69 -0.07 6.70	87.22 0.49 7.57	64.46 0.55 0.00	98.35 1.02 0.00	66.24 0.31 0.00	64.18 -0.13 0.00	71.74 -0.50 0.00	55.84 -0.74 0.00

MID___OSWEGATCHIE_HYD 23849	44.47 1.15 0.00	46.04 1.21 0.00	42.87 1.00 0.00	39.81 0.85 0.00	38.46 0.85 0.00	42.62 1.14 0.00	39.15 0.96 0.00	39.66 0.50 0.00	42.24 0.50 0.00	47.39 0.71 0.00	48.76 0.45 -0.06	70.92 0.49 -0.78	67.36 0.26 -0.13	79.36 0.40 -1.38	60.25 -0.08 -1.48	55.09 -0.65 -0.07	49.92 -0.54 0.00	92.35 -1.95 0.00	64.38 -0.51 -0.98	98.54 0.13 -1.07	115.49 0.98 -48.58	91.38 1.48 -25.59	76.00 2.27 -1.49	59.91 1.91 -1.43
MID___RAQUETTE_HYD 23851	44.02 0.70 0.00	45.73 0.90 0.00	42.43 0.57 0.00	39.35 0.39 0.00	38.00 0.39 0.00	42.21 0.73 0.00	38.91 0.72 0.00	39.70 0.54 0.00	42.36 0.62 0.00	47.40 0.72 0.00	48.68 0.42 0.00	70.03 0.39 0.00	67.03 0.06 0.00	77.66 0.08 0.00	58.50 -0.35 0.00	54.33 -1.34 0.00	48.68 -1.79 0.00	88.63 -5.67 0.00	60.44 -3.47 0.00	93.13 -4.20 0.00	135.85 -1.65 -71.57	98.99 -0.64 -35.31	72.99 0.75 0.00	57.80 1.22 0.00
MILLIKEN___1 23584	44.21 0.89 0.00	45.57 0.73 0.00	42.58 0.71 0.00	39.63 0.67 0.00	38.30 0.69 0.00	42.15 0.67 0.00	38.63 0.44 0.00	39.60 0.43 0.00	42.07 0.32 0.00	46.90 0.21 0.00	48.60 0.30 -0.04	70.86 0.64 -0.58	68.56 1.08 -0.52	82.85 1.80 -3.48	62.97 1.18 -2.94	58.22 1.21 -1.34	54.92 1.44 -3.01	105.24 4.24 -6.69	70.42 3.13 -3.38	102.88 4.60 -0.94	68.86 2.83 -0.10	67.98 2.42 -1.25	75.48 2.13 -1.11	59.03 1.39 -1.06
MILLIKEN___2 23585	44.21 0.89 0.00	45.57 0.73 0.00	42.58 0.71 0.00	39.63 0.67 0.00	38.30 0.69 0.00	42.15 0.67 0.00	38.63 0.44 0.00	39.60 0.43 0.00	42.07 0.32 0.00	46.90 0.21 0.00	48.60 0.30 -0.04	70.86 0.64 -0.58	68.56 1.08 -0.52	82.85 1.80 -3.48	62.97 1.18 -2.94	58.22 1.21 -1.34	54.92 1.44 -3.01	105.24 4.24 -6.69	70.42 3.13 -3.38	102.88 4.60 -0.94	68.86 2.83 -0.10	67.98 2.42 -1.25	75.48 2.13 -1.11	59.03 1.39 -1.06
MILLIKEN___DIESEL 23629	44.21 0.89 0.00	45.57 0.73 0.00	42.58 0.71 0.00	39.63 0.67 0.00	38.30 0.69 0.00	42.15 0.67 0.00	38.63 0.44 0.00	39.60 0.43 0.00	42.07 0.32 0.00	46.90 0.21 0.00	48.60 0.30 -0.04	70.86 0.64 -0.58	68.56 1.08 -0.52	82.85 1.80 -3.48	62.97 1.18 -2.94	58.22 1.21 -1.34	54.92 1.44 -3.01	105.24 4.24 -6.69	70.42 3.13 -3.38	102.88 4.60 -0.94	68.86 2.83 -0.10	67.98 2.42 -1.25	75.48 2.13 -1.11	59.03 1.39 -1.06
MILLSEAT___LFGE 323607	43.42 0.41 0.31	43.70 -0.19 0.94	41.54 -0.29 0.04	38.66 -0.30 0.00	37.58 -0.02 0.00	41.41 -0.07 0.00	37.58 -0.61 0.00	38.42 -0.75 0.00	41.36 -0.38 0.00	46.73 0.05 0.00	47.96 -0.30 0.00	69.91 0.26 0.00	67.95 0.98 0.00	79.25 1.68 0.00	60.28 1.43 0.00	56.87 1.20 0.00	52.02 1.56 0.00	99.35 5.05 0.00	67.02 3.11 0.00	100.08 2.74 0.00	66.76 0.82 0.00	65.39 1.08 0.00	73.59 1.35 0.00	58.16 1.58 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.20 2.88 0.00	47.63 2.79 0.00	44.71 2.84 0.00	41.57 2.61 0.00	40.03 2.43 0.00	43.90 2.42 0.00	40.36 2.18 0.00	41.52 2.35 0.00	44.34 2.60 0.00	50.58 3.76 -0.13	55.61 4.14 -3.21	75.45 5.78 -0.02	87.07 5.84 -14.26	153.38 6.83 -68.96	115.46 5.17 -51.44	97.45 5.67 -36.10	140.20 5.55 -84.19	291.73 10.38 -187.05	144.89 6.87 -74.12	111.75 10.25 -4.16	70.88 4.95 0.00	68.26 3.95 0.00	75.92 3.68 0.00	59.07 2.49 0.00
MILLWOOD_13_KV_LOAD 356217	46.28 2.96 0.00	47.70 2.87 0.00	44.78 2.91 0.00	41.63 2.68 0.00	40.10 2.49 0.00	43.95 2.47 0.00	40.41 2.23 0.00	41.59 2.42 0.00	44.43 2.68 0.00	50.67 3.86 -0.13	55.72 4.25 -3.21	75.60 5.93 -0.02	87.23 6.01 -14.26	153.56 7.02 -68.96	115.60 5.31 -51.44	97.61 5.84 -36.10	140.36 5.71 -84.19	292.05 10.70 -187.05	145.09 7.07 -74.12	112.06 10.56 -4.16	71.08 5.14 0.00	68.44 4.13 0.00	76.12 3.88 0.00	59.21 2.63 0.00
MODEL_CITY_ENERGY 24167	41.91 -1.04 0.37	42.05 -1.65 1.13	40.25 -1.57 0.04	37.50 -1.46 0.00	36.46 -1.15 0.00	40.15 -1.33 0.00	36.31 -1.88 0.00	37.00 -2.16 0.00	39.92 -1.82 0.00	45.21 -1.48 0.00	46.26 -1.99 0.00	67.30 -2.35 0.00	65.34 -1.63 0.00	75.91 -1.67 0.00	57.37 -1.48 0.00	54.29 -1.38 0.00	49.57 -0.89 0.00	94.52 0.21 0.00	63.79 -0.11 0.00	95.12 -2.22 0.00	63.57 -2.36 0.00	62.38 -1.94 0.00	70.53 -1.71 0.00	56.09 -0.49 0.00
MODERN_LFGE___ 323580	41.91 -1.04 0.37	42.05 -1.65 1.13	40.25 -1.57 0.04	37.50 -1.46 0.00	36.46 -1.15 0.00	40.15 -1.33 0.00	36.31 -1.88 0.00	37.00 -2.16 0.00	39.92 -1.82 0.00	45.21 -1.48 0.00	46.26 -1.99 0.00	67.30 -2.35 0.00	65.34 -1.63 0.00	75.91 -1.67 0.00	57.37 -1.48 0.00	54.29 -1.38 0.00	49.57 -0.89 0.00	94.52 0.21 0.00	63.79 -0.11 0.00	95.12 -2.22 0.00	63.57 -2.36 0.00	62.38 -1.94 0.00	70.53 -1.71 0.00	56.09 -0.49 0.00
MOHAWK_PAPER___DRP 24187	44.44 1.12 0.00	45.93 1.09 0.00	43.11 1.25 0.00	40.11 1.15 0.00	38.69 1.08 0.00	42.56 1.08 0.00	39.09 0.91 0.00	39.96 0.79 0.00	42.54 0.80 0.00	47.56 0.99 0.11	46.47 1.03 2.81	71.11 1.48 0.02	66.15 1.34 2.16	78.74 1.58 0.41	60.00 1.28 0.14	57.42 1.75 0.00	52.48 2.01 0.00	98.69 4.39 0.00	66.96 3.05 0.00	102.09 4.76 0.00	68.57 2.63 0.00	66.26 1.94 0.00	73.96 1.72 0.00	57.47 0.89 0.00
MOHICAN___35_KV_115KV_LD 80490	45.37 2.04 0.00	46.93 2.10 0.00	44.13 2.26 0.00	41.04 2.08 0.00	39.59 1.99 0.00	43.70 2.22 0.00	40.15 1.96 0.00	41.03 1.86 0.00	43.22 1.47 0.00	47.91 1.42 0.19	44.74 1.20 4.72	72.03 2.41 0.03	65.26 1.90 3.60	79.31 2.42 0.69	60.54 1.92 0.23	58.26 2.59 0.00	53.26 2.79 0.00	100.64 6.35 0.00	68.80 4.90 0.00	105.38 8.04 0.00	71.11 5.18 0.00	68.64 4.32 0.00	76.30 4.06 0.00	59.17 2.59 0.00
MONGAUP___HYD 23641	46.22 2.90 0.00	47.62 2.78 0.00	44.65 2.78 0.00	41.50 2.54 0.00	39.99 2.39 0.00	43.90 2.42 0.00	40.31 2.13 0.00	41.33 2.17 0.00	43.87 2.12 0.00	50.24 3.43 -0.13	55.18 3.80 -3.12	74.59 4.93 -0.02	91.63 5.53 -19.13	181.09 5.95 -97.56	136.42 4.71 -72.85	111.55 4.71 -51.18	174.03 4.21 -119.35	368.36 8.84 -265.22	175.71 6.71 -105.09	112.71 9.47 -5.91	70.16 4.23 0.00	69.01 4.70 0.00	76.77 4.53 0.00	59.64 3.05 0.00
MONTAUK___DIESEL 23721	48.89 5.57 0.00	50.47 5.63 0.00	47.06 5.19 0.00	43.51 4.56 0.00	41.78 4.17 0.00	45.55 4.07 0.00	41.78 3.59 0.00	43.12 3.95 0.00	46.40 4.65 0.00	53.71 6.89 -0.13	58.36 6.89 -3.22	78.57 9.58 0.66	87.37 10.03 -10.38	142.62 11.84 -53.21	108.93 8.95 -41.12	94.46 9.51 -29.28	128.55 9.34 -68.75	266.88 15.29 -157.28	153.03 11.04 -78.08	116.94 17.16 -2.45	71.70 9.14 3.37	67.84 6.81 3.28	75.40 6.21 3.05	60.80 4.48 0.27
MOONROAD_115KV_HARTFLD_TB1-2 355988	44.32 1.00 0.00	45.03 0.20 0.00	41.68 -0.18 0.00	38.72 -0.24 0.00	37.57 -0.03 0.00	41.25 -0.23 0.00	37.74 -0.45 0.00	39.20 0.04 0.00	42.21 0.46 0.00	47.68 0.99 0.00	49.28 1.02 0.00	71.90 2.25 0.00	69.19 2.22 0.00	80.17 2.59 0.00	60.34 1.49 0.00	56.49 0.82 0.00	51.77 1.30 0.00	99.33 5.03 0.00	65.27 1.36 0.00	96.54 -0.79 0.00	64.95 -0.98 0.00	63.70 -0.62 0.00	71.78 -0.46 0.00	56.43 -0.15 0.00

MORRIS_RIDGE___SOLAR 323848	43.62 0.24 -0.07	44.77 -0.27 -0.20	41.46 -0.42 -0.01	38.51 -0.45 0.00	37.43 -0.18 0.00	40.99 -0.49 0.00	37.30 -0.89 0.00	38.05 -1.12 0.00	40.54 -1.21 0.00	45.47 -1.22 0.00	46.85 -1.40 0.00	68.63 -1.02 0.00	66.78 -0.19 0.00	77.18 -0.40 0.00	58.12 -0.73 0.00	55.14 -0.53 0.00	50.70 0.24 0.00	97.22 2.92 0.00	65.51 1.61 0.00	98.45 1.12 0.00	65.37 -0.56 0.00	63.91 -0.40 0.00	71.70 -0.54 0.00	56.07 -0.52 0.00
MORTIMER_115KV_TB3 55949	43.45 0.13 0.00	44.52 -0.32 0.00	41.49 -0.37 0.00	38.62 -0.34 0.00	37.44 -0.17 0.00	41.25 -0.23 0.00	37.61 -0.58 0.00	38.59 -0.58 0.00	41.47 -0.27 0.00	46.81 0.13 0.00	48.31 0.06 0.00	70.32 0.67 0.00	68.19 1.22 0.00	79.36 1.78 0.00	60.24 1.38 0.00	56.92 1.25 0.00	51.97 1.51 0.00	98.75 4.45 0.00	66.62 2.72 0.00	100.06 2.73 0.00	67.01 1.08 0.00	65.43 1.11 0.00	73.35 1.11 0.00	57.62 1.04 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.66 3.34 0.00	48.06 3.22 0.00	45.14 3.27 0.00	41.96 3.01 0.00	40.41 2.80 0.00	44.24 2.76 0.00	40.71 2.53 0.00	41.93 2.76 0.00	44.85 3.11 0.00	51.18 4.36 -0.13	56.23 4.76 -3.22	76.30 6.63 -0.02	86.56 6.67 -12.93	146.57 7.71 -61.29	110.32 5.78 -45.69	94.00 6.28 -32.06	131.29 6.08 -74.75	271.69 11.31 -166.07	137.19 7.48 -65.80	112.24 11.21 -3.70	71.47 5.54 0.00	68.80 4.48 0.00	76.52 4.27 0.00	59.56 2.97 0.00
MUNSVILLE_WIND_PWR 323609	46.92 3.47 -0.12	48.55 3.34 -0.38	44.93 3.04 -0.02	41.78 2.82 0.00	40.46 2.86 0.00	44.43 2.95 0.00	40.75 2.56 0.00	41.67 2.50 0.00	44.14 2.40 0.00	49.30 2.61 0.00	51.04 2.78 0.00	74.32 4.67 0.00	73.99 5.01 -2.02	95.42 6.22 -11.63	71.80 4.25 -8.71	66.05 4.25 -6.13	69.40 4.64 -14.29	136.45 10.40 -31.75	84.18 7.69 -12.58	109.17 11.13 -0.71	72.63 6.70 0.00	70.02 5.71 0.00	76.52 4.28 0.00	59.95 3.37 0.00
N SALMON___HYD 24042	43.93 0.61 0.00	45.55 0.71 0.00	42.22 0.35 0.00	39.10 0.14 0.00	37.72 0.11 0.00	41.96 0.47 0.00	38.79 0.61 0.00	39.80 0.63 0.00	42.44 0.70 0.00	47.46 0.77 0.00	48.80 0.54 0.00	70.20 0.55 0.00	67.13 0.16 0.00	77.72 0.14 0.00	58.78 -0.08 0.00	54.89 -0.78 0.00	49.21 -1.25 0.00	90.71 -3.59 0.00	61.68 -2.23 0.00	94.72 -2.61 0.00	86.83 -1.06 -21.96	74.56 -0.59 -10.83	72.71 0.46 0.00	57.42 0.84 0.00
N.AKRON__115KV_KNAPP 355671	43.63 0.30 0.00	44.54 -0.29 0.00	41.48 -0.39 0.00	38.57 -0.39 0.00	37.50 -0.11 0.00	41.32 -0.16 0.00	37.48 -0.71 0.00	38.31 -0.86 0.00	41.26 -0.48 0.00	46.64 -0.04 0.00	47.79 -0.47 0.00	69.70 0.05 0.00	67.75 0.78 0.00	79.02 1.44 0.00	60.01 1.16 0.00	56.64 0.97 0.00	51.78 1.32 0.00	98.81 4.51 0.00	66.66 2.76 0.00	99.35 2.01 0.00	66.37 0.44 0.00	65.06 0.75 0.00	73.27 1.03 0.00	57.97 1.39 0.00
N.E_GEN_SANDY PD 24062	45.40 2.08 0.00	47.03 2.19 0.00	44.32 2.46 0.00	41.11 2.16 0.00	39.59 1.99 0.00	44.13 2.29 -0.37	40.51 2.09 -0.23	47.13 2.23 -5.73	43.72 1.97 0.00	46.90 2.40 2.18	5.28 2.55 45.53	71.15 3.85 2.35	36.25 3.49 34.20	75.16 4.13 6.54	59.03 3.06 2.88	59.34 3.61 -0.07	53.81 3.35 0.01	99.91 5.61 0.00	67.75 3.85 0.00	103.02 5.97 0.28	70.27 3.06 -1.28	66.43 2.11 0.00	74.69 1.83 -0.63	56.29 0.89 1.18
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	46.19 2.86 0.00	47.59 2.76 0.00	44.64 2.77 0.00	41.55 2.59 0.00	40.02 2.41 0.00	43.87 2.39 0.00	40.32 2.14 0.00	41.47 2.30 0.00	44.29 2.54 0.00	50.56 3.74 -0.13	55.62 4.19 -3.17	75.53 5.86 -0.02	89.43 6.02 -16.45	166.48 7.11 -81.79	125.27 5.38 -61.04	104.44 5.91 -42.87	156.19 5.76 -99.96	327.20 10.79 -222.11	159.01 7.09 -88.01	112.80 10.52 -4.95	70.93 5.00 0.00	68.31 3.99 0.00	75.99 3.75 0.00	59.13 2.54 0.00
N.QUEENS_27_KV_LOAD 356247	47.03 3.71 0.00	48.40 3.57 0.00	45.48 3.60 0.00	42.28 3.33 0.00	40.71 3.10 0.00	44.51 3.03 0.00	41.01 2.83 0.00	42.24 3.08 0.00	45.17 3.42 0.00	51.62 4.80 -0.13	56.59 5.12 -3.22	76.75 7.09 -0.02	87.10 7.08 -13.05	147.94 8.20 -62.16	111.13 6.22 -46.06	94.46 6.68 -32.12	132.26 6.40 -75.40	274.13 11.80 -168.03	137.96 7.85 -66.21	113.93 11.73 -4.86	72.14 5.82 -0.38	69.31 4.76 -0.24	76.81 4.57 0.00	59.88 3.30 0.00
N.TROY___115KV_TB1 355778	44.81 1.49 0.00	46.40 1.57 0.00	43.66 1.79 0.00	40.56 1.60 0.00	39.12 1.52 0.00	43.20 1.72 0.00	39.67 1.49 0.00	40.62 1.46 0.00	42.94 1.19 0.00	47.69 1.27 0.27	42.93 1.27 6.60	71.66 2.05 0.04	63.67 1.74 5.03	78.69 2.08 0.96	60.10 1.56 0.32	57.67 2.01 0.00	52.55 2.09 0.00	98.78 4.47 0.00	67.11 3.21 0.00	102.43 5.09 0.00	68.91 2.99 0.00	66.52 2.21 0.00	74.30 2.05 0.00	57.69 1.11 0.00
NARROWS_GT1_1 24228	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
NARROWS_GT1_2 24229	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
NARROWS_GT1_3 24230	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
NARROWS_GT1_4 24231	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
NARROWS_GT1_5 24232	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00

NARROWS_GT1_6 24233	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
NARROWS_GT1_7 24234	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
NARROWS_GT1_8 24235	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
NARROWS_GT2_1 24236	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
NARROWS_GT2_2 24237	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
NARROWS_GT2_3 24238	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
NARROWS_GT2_4 24239	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
NARROWS_GT2_5 24240	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
NARROWS_GT2_6 24241	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
NARROWS_GT2_7 24242	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
NARROWS_GT2_8 24243	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.56 5.96 -45.75	94.08 6.32 -32.10	131.39 6.08 -74.85	271.73 11.13 -166.30	137.36 7.57 -65.89	112.56 11.53 -3.70	71.62 5.68 0.00	68.95 4.64 0.00	76.69 4.45 0.00	59.81 3.23 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	44.98 1.66 0.00	46.44 1.60 0.00	43.59 1.72 0.00	40.54 1.59 0.00	39.13 1.53 0.00	43.08 1.60 0.00	39.56 1.37 0.00	40.33 1.17 0.00	42.76 1.02 0.00	47.48 0.82 0.03	48.32 0.81 0.75	70.69 1.04 0.00	68.31 0.83 -0.51	69.68 0.70 8.59	32.40 0.58 27.04	55.45 0.93 1.15	51.40 1.56 0.62	105.91 3.66 -7.94	73.97 3.10 -6.97	102.74 5.01 -0.39	69.10 3.17 0.00	66.86 2.54 0.00	74.47 2.22 0.00	57.77 1.19 0.00
NCHELSEA_115KV_TR2 355582	46.32 2.99 0.00	47.75 2.92 0.00	44.77 2.91 0.00	41.63 2.68 0.00	40.11 2.51 0.00	44.02 2.54 0.00	40.47 2.29 0.00	41.65 2.49 0.00	44.48 2.74 0.00	50.66 3.85 -0.12	55.54 4.23 -3.05	75.70 6.04 -0.02	79.99 6.05 -6.98	112.42 7.22 -27.63	84.86 5.51 -20.50	76.08 6.08 -14.33	89.86 5.98 -33.42	179.96 11.42 -74.24	100.90 7.57 -29.42	110.27 11.28 -1.65	71.64 5.71 0.00	69.00 4.68 0.00	76.68 4.44 0.00	59.55 2.97 0.00
NEG CAPITAL___MECHNVIL 23645	45.43 2.11 0.00	46.98 2.15 0.00	44.16 2.29 0.00	41.04 2.08 0.00	39.59 1.98 0.00	43.69 2.21 0.00	40.11 1.93 0.00	41.06 1.89 0.00	43.41 1.67 0.00	48.24 1.78 0.22	44.45 1.72 5.52	72.54 2.92 0.03	65.35 2.60 4.22	79.96 3.19 0.81	61.05 2.47 0.27	58.64 2.97 0.00	53.55 3.09 0.00	101.00 6.70 0.00	68.72 4.81 0.00	104.96 7.62 0.00	70.69 4.76 0.00	68.20 3.88 0.00	76.04 3.80 0.00	59.02 2.44 0.00
NEG CENTRAL_HIGH_ACRES 23767	42.63 -0.56 0.13	43.44 -1.00 0.40	40.88 -0.97 0.02	38.06 -0.90 0.00	36.86 -0.75 0.00	40.63 -0.84 0.00	37.14 -1.05 0.00	38.10 -1.06 0.00	40.89 -0.85 0.00	46.11 -0.57 0.00	47.69 -0.61 -0.04	69.82 -0.38 -0.56	67.22 0.15 -0.09	79.08 0.50 -1.00	60.36 0.43 -1.07	56.14 0.43 -0.05	51.16 0.70 0.00	97.14 2.84 0.00	66.31 1.70 -0.71	99.57 1.47 -0.77	66.27 0.24 -0.10	65.65 0.13 -1.21	73.27 -0.05 -1.07	57.66 0.05 -1.03

NEG CENTRAL___DRP 24199	43.63 0.31 0.00	44.89 0.06 0.00	41.92 0.05 0.00	39.01 0.05 0.00	37.75 0.15 0.00	41.54 0.06 0.00	38.08 -0.10 0.00	39.07 -0.09 0.00	41.63 -0.12 0.00	46.60 -0.08 0.00	48.35 0.00 -0.10	71.24 0.30 -1.29	67.96 0.78 -0.22	81.30 1.41 -2.32	62.36 1.03 -2.47	56.91 1.13 -0.12	51.85 1.38 0.00	98.47 4.17 0.00	68.32 2.79 -1.63	102.56 3.44 -1.79	67.93 1.77 -0.22	68.58 1.47 -2.79	75.88 1.16 -2.47	59.64 0.69 -2.37
NEG CENTRAL___INDECK 23768	45.25 1.93 0.00	46.26 1.43 0.00	43.01 1.14 0.00	39.99 1.03 0.00	38.82 1.21 0.00	42.69 1.21 0.00	39.00 0.81 0.00	39.67 0.50 0.00	41.94 0.19 0.00	46.33 -0.36 0.00	47.49 -0.77 0.00	69.41 -0.23 0.00	67.90 0.93 0.00	78.67 1.09 0.00	59.41 0.56 0.00	56.40 0.74 0.00	51.94 1.48 0.00	99.89 5.59 0.00	67.59 3.68 0.00	101.38 4.04 0.00	67.73 1.80 0.00	66.10 1.79 0.00	73.78 1.54 0.00	57.67 1.09 0.00
NEG CENTRAL___SENECA 23627	43.83 0.50 0.00	45.05 0.22 0.00	42.04 0.17 0.00	39.10 0.14 0.00	37.91 0.30 0.00	41.65 0.17 0.00	38.16 -0.02 0.00	39.19 0.02 0.00	41.75 0.01 0.00	46.76 0.07 0.00	48.40 0.09 -0.06	70.91 0.50 -0.76	68.14 1.04 -0.13	80.70 1.76 -1.37	61.59 1.27 -1.46	57.06 1.32 -0.07	52.11 1.64 0.00	99.33 5.03 0.00	68.14 3.27 -0.96	102.24 3.85 -1.05	67.99 1.93 -0.13	67.68 1.71 -1.65	75.08 1.38 -1.47	58.85 0.87 -1.40
NEG CENTRAL___STATE_STREET 24147	43.63 0.31 0.00	45.07 0.23 0.00	42.10 0.23 0.00	39.21 0.25 0.00	37.79 0.18 0.00	41.73 0.24 0.00	38.15 -0.04 0.00	39.10 -0.06 0.00	41.62 -0.13 0.00	46.56 -0.12 0.00	48.47 0.09 -0.12	71.41 0.17 -1.59	67.74 0.51 -0.27	81.63 1.21 -2.84	62.74 0.85 -3.03	56.85 1.04 -0.15	51.63 1.17 0.00	97.76 3.45 0.00	68.38 2.48 -2.00	103.18 3.66 -2.19	68.30 2.09 -0.27	69.35 1.61 -3.42	76.68 1.40 -3.04	60.35 0.87 -2.91
NEG MILLWOOD___DRP 24198	46.44 3.12 0.00	47.85 3.01 0.00	44.88 3.01 0.00	41.71 2.75 0.00	40.19 2.58 0.00	44.08 2.60 0.00	40.55 2.36 0.00	41.75 2.58 0.00	44.61 2.87 0.00	50.82 4.01 -0.13	55.82 4.42 -3.14	75.97 6.30 -0.02	77.90 6.33 -4.60	98.68 7.56 -13.54	74.57 5.77 -9.95	68.88 6.31 -6.90	72.76 6.21 -16.08	141.80 11.78 -35.72	85.86 7.80 -14.15	109.77 11.64 -0.79	71.88 5.95 0.00	69.19 4.88 0.00	76.84 4.60 0.00	59.67 3.09 0.00
NEG NORTH_FLCN_SEA 23793	44.02 0.70 0.00	45.59 0.75 0.00	42.32 0.45 0.00	39.19 0.24 0.00	37.76 0.16 0.00	41.84 0.36 0.00	38.74 0.56 0.00	39.78 0.62 0.00	42.20 0.45 0.00	47.02 0.34 0.00	48.37 0.12 0.00	69.24 -0.41 0.00	65.59 -1.37 0.00	75.64 -1.93 0.00	57.22 -1.63 0.00	53.60 -2.07 0.00	47.97 -2.49 0.00	88.90 -5.40 0.00	60.38 -3.53 0.00	92.56 -4.77 0.00	62.96 -2.97 0.00	61.90 -2.41 0.00	70.55 -1.70 0.00	56.13 -0.45 0.00
NEG NORTH_KES_CHATEGAY 23792	43.50 0.18 0.00	45.12 0.28 0.00	41.84 -0.03 0.00	38.74 -0.22 0.00	37.35 -0.26 0.00	41.50 0.01 0.00	38.37 0.19 0.00	39.40 0.23 0.00	42.02 0.27 0.00	46.95 0.27 0.00	48.27 0.02 0.00	69.41 -0.24 0.00	66.30 -0.67 0.00	76.71 -0.87 0.00	58.10 -0.76 0.00	54.33 -1.34 0.00	48.67 -1.80 0.00	89.96 -4.34 0.00	61.01 -2.89 0.00	93.51 -3.82 0.00	69.04 -2.08 -5.18	65.38 -1.49 -2.56	71.44 -0.80 0.00	56.48 -0.10 0.00
NEG NORTH___ALICE_FALLS 23915	44.11 0.78 0.00	45.66 0.83 0.00	42.37 0.50 0.00	39.22 0.26 0.00	37.81 0.20 0.00	41.92 0.44 0.00	38.80 0.61 0.00	39.86 0.69 0.00	42.30 0.55 0.00	47.19 0.50 0.00	48.54 0.28 0.00	69.71 0.06 0.00	66.25 -0.72 0.00	76.54 -1.04 0.00	57.91 -0.94 0.00	54.26 -1.40 0.00	48.60 -1.87 0.00	90.09 -4.21 0.00	61.29 -2.62 0.00	94.06 -3.28 0.00	64.09 -1.84 0.00	62.88 -1.43 0.00	71.60 -0.64 0.00	56.74 0.16 0.00
NEG NORTH___LWR_SARANAC 23913	44.11 0.78 0.00	45.66 0.83 0.00	42.37 0.50 0.00	39.22 0.26 0.00	37.81 0.20 0.00	41.92 0.44 0.00	38.80 0.61 0.00	39.86 0.69 0.00	42.30 0.55 0.00	47.19 0.50 0.00	48.54 0.28 0.00	69.71 0.06 0.00	66.25 -0.72 0.00	76.54 -1.04 0.00	57.91 -0.94 0.00	54.26 -1.40 0.00	48.60 -1.87 0.00	90.09 -4.21 0.00	61.29 -2.62 0.00	94.06 -3.28 0.00	64.09 -1.84 0.00	62.88 -1.43 0.00	71.60 -0.64 0.00	56.74 0.16 0.00
NEG NORTH___PLATTSBURG 23628	44.11 0.78 0.00	45.66 0.83 0.00	42.37 0.50 0.00	39.22 0.27 0.00	37.81 0.20 0.00	41.92 0.44 0.00	38.80 0.61 0.00	39.86 0.69 0.00	42.30 0.55 0.00	47.19 0.50 0.00	48.54 0.28 0.00	69.71 0.06 0.00	66.26 -0.71 0.00	76.54 -1.04 0.00	57.91 -0.94 0.00	54.27 -1.40 0.00	48.60 -1.87 0.00	90.09 -4.21 0.00	61.29 -2.62 0.00	94.04 -3.29 0.00	64.09 -1.84 0.00	62.88 -1.43 0.00	71.59 -0.65 0.00	56.74 0.15 0.00
NEG WEST_LEA_LOCKPORT 23791	42.69 -0.63 0.00	43.60 -1.24 0.00	40.62 -1.25 0.00	37.79 -1.17 0.00	36.75 -0.86 0.00	40.45 -1.03 0.00	36.60 -1.59 0.00	37.37 -1.79 0.00	40.29 -1.46 0.00	45.56 -1.13 0.00	46.56 -1.70 0.00	67.79 -1.86 0.00	65.82 -1.15 0.00	76.45 -1.13 0.00	57.78 -1.08 0.00	54.65 -1.02 0.00	49.88 -0.58 0.00	95.16 0.86 0.00	64.20 0.29 0.00	95.68 -1.66 0.00	63.96 -1.97 0.00	62.80 -1.52 0.00	70.94 -1.30 0.00	56.31 -0.27 0.00
NEG WEST___LANCASTR 23811	42.72 -0.60 0.00	43.65 -1.18 0.00	40.59 -1.28 0.00	37.75 -1.21 0.00	36.71 -0.90 0.00	40.31 -1.17 0.00	36.61 -1.57 0.00	37.64 -1.52 0.00	40.52 -1.22 0.00	45.77 -0.91 0.00	47.13 -1.13 0.00	68.70 -0.94 0.00	66.49 -0.48 0.00	77.30 -0.27 0.00	58.19 -0.66 0.00	55.07 -0.60 0.00	50.32 -0.14 0.00	96.21 1.91 0.00	64.59 0.68 0.00	96.71 -0.63 0.00	64.50 -1.43 0.00	63.34 -0.97 0.00	71.23 -1.01 0.00	56.18 -0.40 0.00
NEG_PENN_ALLEGHNY 23528	43.96 0.50 -0.14	45.50 0.25 -0.42	42.19 0.31 -0.02	39.28 0.32 0.00	38.03 0.42 0.00	41.70 0.22 0.00	38.21 0.03 0.00	39.27 0.10 0.00	41.81 0.07 0.00	46.69 0.00 0.00	48.43 0.17 0.00	70.24 0.59 0.00	68.25 0.79 -0.49	81.64 1.24 -2.82	61.62 0.65 -2.11	57.98 0.83 -1.49	54.99 1.06 -3.46	105.33 3.34 -7.69	69.05 2.09 -3.05	100.27 2.77 -0.17	67.42 1.49 0.00	65.67 1.35 0.00	73.27 1.03 0.00	57.11 0.53 0.00
NEG___GEN_MONROE 24207	43.79 0.46 0.00	44.81 -0.03 0.00	41.77 -0.10 0.00	38.86 -0.09 0.00	37.69 0.09 0.00	41.55 0.07 0.00	37.85 -0.34 0.00	38.80 -0.37 0.00	41.68 -0.07 0.00	47.04 0.35 0.00	48.51 0.25 0.00	70.65 1.01 0.00	68.56 1.59 0.00	79.97 2.39 0.00	60.78 1.93 0.00	57.43 1.76 0.00	52.43 1.97 0.00	99.84 5.53 0.00	67.37 3.46 0.00	101.04 3.71 0.00	67.61 1.67 0.00	66.02 1.71 0.00	74.08 1.83 0.00	58.20 1.62 0.00
NEPA___ENERGY 23901	43.27 -0.05 0.00	44.17 -0.67 0.00	41.08 -0.79 0.00	38.25 -0.71 0.00	37.22 -0.39 0.00	40.73 -0.75 0.00	37.09 -1.09 0.00	38.17 -0.99 0.00	40.88 -0.87 0.00	46.15 -0.54 0.00	47.80 -0.45 0.00	69.75 0.10 0.00	67.25 0.28 0.00	78.46 0.89 0.00	58.87 0.02 0.00	55.73 0.06 0.00	50.97 0.50 0.00	97.87 3.57 0.00	65.29 1.39 0.00	97.60 0.27 0.00	64.88 -1.05 0.00	63.90 -0.41 0.00	71.77 -0.47 0.00	56.36 -0.22 0.00

NEVERSINK___HYD 23608	45.32 2.00 0.00	46.68 1.85 0.00	43.76 1.89 0.00	40.67 1.71 0.00	39.17 1.57 0.00	42.97 1.49 0.00	39.48 1.29 0.00	40.62 1.46 0.00	43.39 1.65 0.00	49.85 3.05 -0.11	54.45 3.43 -2.77	74.49 4.83 -0.01	84.01 5.15 -11.89	140.42 6.23 -56.61	104.39 5.00 -40.54	91.12 5.55 -29.91	125.99 5.61 -69.91	261.14 10.73 -156.11	133.28 7.21 -62.17	111.32 10.49 -3.49	70.47 4.53 0.00	67.90 3.59 0.00	75.47 3.23 0.00	58.62 2.03 0.00
NEWKRMKL_115KV_TB1 55635	43.99 0.67 0.00	45.46 0.63 0.00	42.68 0.81 0.00	39.72 0.76 0.00	38.33 0.72 0.00	42.14 0.66 0.00	38.74 0.55 0.00	39.59 0.42 0.00	42.20 0.46 0.00	47.14 0.55 0.10	46.41 0.61 2.46	70.42 0.79 0.01	65.74 0.65 1.89	77.95 0.73 0.36	59.37 0.63 0.12	56.76 1.09 0.00	51.83 1.37 0.00	97.39 3.08 0.00	66.02 2.11 0.00	100.63 3.30 0.00	67.57 1.64 0.00	65.33 1.02 0.00	72.94 0.70 0.00	56.70 0.12 0.00
NEWTON___FALLS_HYD 23847	44.47 1.15 0.00	46.04 1.21 0.00	42.87 1.00 0.00	39.81 0.85 0.00	38.46 0.85 0.00	42.62 1.14 0.00	39.15 0.96 0.00	39.66 0.50 0.00	42.24 0.50 0.00	47.39 0.71 0.00	48.76 0.45 -0.06	70.92 0.49 -0.78	67.36 0.26 -0.13	79.36 0.40 -1.38	60.25 -0.08 -1.48	55.09 -0.65 -0.07	49.92 -0.54 0.00	92.35 -1.95 0.00	64.38 -0.51 -0.98	98.54 0.13 -1.07	115.49 0.98 -48.58	91.38 1.48 -25.59	76.00 2.27 -1.49	59.91 1.91 -1.43
NGRID_A1_DSASP 323792	41.92 -1.01 0.39	42.01 -1.63 1.20	40.15 -1.67 0.05	37.40 -1.56 0.00	36.35 -1.25 0.00	40.03 -1.46 0.00	36.19 -1.99 0.00	36.91 -2.25 0.00	39.83 -1.92 0.00	45.16 -1.53 0.00	46.20 -2.06 0.00	67.18 -2.46 0.00	65.02 -1.95 0.00	75.14 -2.44 0.00	56.67 -2.18 0.00	53.60 -2.06 0.00	48.97 -1.50 0.00	93.48 -0.82 0.00	63.12 -0.79 0.00	94.23 -3.11 0.00	62.92 -3.01 0.00	61.75 -2.57 0.00	69.83 -2.41 0.00	55.47 -1.11 0.00
NGRID_A2_DSASP 323793	41.92 -1.01 0.39	42.01 -1.63 1.20	40.15 -1.67 0.05	37.40 -1.56 0.00	36.35 -1.25 0.00	40.03 -1.46 0.00	36.19 -1.99 0.00	36.91 -2.25 0.00	39.83 -1.92 0.00	45.16 -1.53 0.00	46.20 -2.06 0.00	67.18 -2.46 0.00	65.02 -1.95 0.00	75.14 -2.44 0.00	56.67 -2.18 0.00	53.60 -2.06 0.00	48.97 -1.50 0.00	93.48 -0.82 0.00	63.12 -0.79 0.00	94.23 -3.11 0.00	62.92 -3.01 0.00	61.75 -2.57 0.00	69.83 -2.41 0.00	55.47 -1.11 0.00
NGRID_A4_DSASP 323807	41.92 -1.01 0.39	42.01 -1.63 1.20	40.15 -1.67 0.05	37.40 -1.56 0.00	36.35 -1.25 0.00	40.03 -1.46 0.00	36.19 -1.99 0.00	36.91 -2.25 0.00	39.83 -1.92 0.00	45.16 -1.53 0.00	46.20 -2.06 0.00	67.18 -2.46 0.00	65.02 -1.95 0.00	75.14 -2.44 0.00	56.67 -2.18 0.00	53.60 -2.06 0.00	48.97 -1.50 0.00	93.48 -0.82 0.00	63.12 -0.79 0.00	94.23 -3.11 0.00	62.92 -3.01 0.00	61.75 -2.57 0.00	69.83 -2.41 0.00	55.47 -1.11 0.00
NIAGARA_115E_LBMP 323715	41.65 -1.29 0.38	41.79 -1.89 1.16	40.06 -1.76 0.04	37.32 -1.64 0.00	36.29 -1.32 0.00	39.96 -1.52 0.00	36.13 -2.06 0.00	36.80 -2.37 0.00	39.70 -2.04 0.00	44.97 -1.72 0.00	46.01 -2.25 0.00	66.92 -2.73 0.00	64.98 -1.99 0.00	75.44 -2.14 0.00	57.03 -1.82 0.00	53.97 -1.70 0.00	49.28 -1.18 0.00	93.96 -0.34 0.00	63.43 -0.48 0.00	94.53 -2.80 0.00	63.19 -2.74 0.00	62.02 -2.29 0.00	70.16 -2.08 0.00	55.86 -0.72 0.00
NIAGARA_115W_LBMP 323714	41.86 -1.07 0.39	41.94 -1.70 1.19	40.09 -1.73 0.05	37.36 -1.60 0.00	36.30 -1.30 0.00	39.96 -1.52 0.00	36.15 -2.04 0.00	36.84 -2.32 0.00	39.75 -2.00 0.00	45.06 -1.63 0.00	46.09 -2.17 0.00	67.04 -2.60 0.00	64.87 -2.10 0.00	74.94 -2.64 0.00	56.55 -2.31 0.00	53.48 -2.18 0.00	48.85 -1.61 0.00	93.25 -1.05 0.00	62.96 -0.94 0.00	93.97 -3.36 0.00	62.77 -3.16 0.00	61.60 -2.71 0.00	69.66 -2.58 0.00	55.33 -1.26 0.00
NIAGARA_230_LBMP 323716	41.94 -1.00 0.38	42.06 -1.59 1.18	40.20 -1.62 0.05	37.46 -1.50 0.00	36.40 -1.20 0.00	40.07 -1.41 0.00	36.26 -1.93 0.00	37.09 -2.08 0.00	40.04 -1.70 0.00	45.37 -1.32 0.00	46.47 -1.79 0.00	67.59 -2.06 0.00	65.49 -1.48 0.00	75.93 -1.65 0.00	57.34 -1.51 0.00	54.25 -1.41 0.00	49.55 -0.91 0.00	94.62 0.32 0.00	63.85 -0.06 0.00	95.51 -1.82 0.00	63.72 -2.21 0.00	62.51 -1.80 0.00	70.58 -1.66 0.00	55.99 -0.60 0.00
NIAGARA___115KV_198_GIBSON 55903	42.25 -1.08 0.00	43.14 -1.70 0.00	40.13 -1.73 0.00	37.36 -1.60 0.00	36.30 -1.30 0.00	39.97 -1.52 0.00	36.15 -2.04 0.00	36.84 -2.32 0.00	39.74 -2.00 0.00	45.06 -1.62 0.00	46.02 -2.23 0.00	67.00 -2.64 0.00	64.86 -2.11 0.00	74.94 -2.64 0.00	56.54 -2.31 0.00	53.49 -2.18 0.00	48.85 -1.61 0.00	93.22 -1.08 0.00	62.95 -0.96 0.00	93.70 -3.63 0.00	62.74 -3.19 0.00	61.59 -2.72 0.00	69.66 -2.59 0.00	55.32 -1.26 0.00
NIAGARA____ 23760	41.94 -1.00 0.38	42.07 -1.59 1.17	40.20 -1.62 0.05	37.46 -1.50 0.00	36.40 -1.20 0.00	40.07 -1.41 0.00	36.26 -1.93 0.00	37.09 -2.08 0.00	40.04 -1.70 0.00	45.37 -1.32 0.00	46.47 -1.79 0.00	67.59 -2.06 0.00	65.49 -1.48 0.00	75.93 -1.65 0.00	57.34 -1.51 0.00	54.25 -1.41 0.00	49.55 -0.91 0.00	94.62 0.32 0.00	63.85 -0.06 0.00	95.51 -1.82 0.00	63.72 -2.21 0.00	62.51 -1.80 0.00	70.58 -1.66 0.00	55.99 -0.60 0.00
NINE_MILE_1 23575	42.14 -1.18 0.00	43.43 -1.40 0.00	40.63 -1.23 0.00	37.84 -1.12 0.00	36.57 -1.04 0.00	40.26 -1.23 0.00	36.98 -1.20 0.00	37.93 -1.24 0.00	40.43 -1.31 0.00	45.24 -1.45 0.00	45.38 -1.42 1.45	48.22 -1.92 19.50	62.02 -1.67 3.28	40.80 -1.82 34.95	20.12 -1.38 37.35	52.66 -1.20 1.81	49.55 -0.91 0.00	93.15 -1.15 0.00	38.55 -0.78 24.57	68.98 -1.41 26.95	61.38 -1.18 3.37	20.90 -1.29 42.13	33.24 -1.67 37.33	19.44 -1.41 35.73
NINE_MILE_2 23744	42.14 -1.18 0.00	43.44 -1.39 0.00	40.63 -1.23 0.00	37.84 -1.12 0.00	36.57 -1.04 0.00	40.26 -1.23 0.00	36.98 -1.20 0.00	37.93 -1.23 0.00	40.44 -1.31 0.00	45.24 -1.45 0.00	45.37 -1.42 1.46	48.04 -1.92 19.68	61.99 -1.67 3.31	40.50 -1.81 35.27	19.78 -1.38 37.69	52.64 -1.20 1.82	49.55 -0.91 0.00	93.15 -1.15 0.00	38.33 -0.78 24.80	68.73 -1.41 27.19	61.35 -1.18 3.40	20.51 -1.29 42.52	32.91 -1.66 37.67	19.13 -1.39 36.06
NM_CAPITAL___DRP 24208	44.06 0.73 0.00	45.53 0.70 0.00	42.75 0.88 0.00	39.78 0.82 0.00	38.38 0.77 0.00	42.21 0.73 0.00	38.78 0.59 0.00	39.63 0.47 0.00	42.20 0.46 0.00	47.19 0.61 0.11	46.24 0.66 2.67	70.46 0.82 0.01	65.62 0.70 2.05	77.96 0.78 0.39	59.38 0.66 0.13	56.78 1.11 0.00	51.84 1.37 0.00	97.37 3.07 0.00	66.01 2.10 0.00	100.65 3.31 0.00	67.59 1.66 0.00	65.33 1.02 0.00	72.94 0.70 0.00	56.70 0.12 0.00
NM_CENTRAL___DRP 24181	43.08 -0.24 0.00	44.38 -0.46 0.00	41.48 -0.39 0.00	38.62 -0.33 0.00	37.35 -0.25 0.00	41.10 -0.38 0.00	37.74 -0.45 0.00	38.70 -0.46 0.00	41.30 -0.45 0.00	46.23 -0.46 0.00	47.95 -0.35 -0.04	70.00 -0.25 -0.60	67.09 0.02 -0.10	78.91 0.25 -1.09	60.22 0.21 -1.16	56.14 0.41 -0.06	51.11 0.64 0.00	96.30 2.00 0.00	65.99 1.33 -0.76	99.82 1.65 -0.84	66.85 0.82 -0.10	66.22 0.59 -1.31	73.69 0.29 -1.16	57.68 -0.02 -1.11

NM_FRONTIER___DRP 24179	42.25 -1.08 0.00	43.14 -1.70 0.00	40.13 -1.73 0.00	37.36 -1.60 0.00	36.30 -1.30 0.00	39.97 -1.52 0.00	36.15 -2.04 0.00	36.84 -2.32 0.00	39.74 -2.00 0.00	45.06 -1.62 0.00	46.02 -2.23 0.00	67.00 -2.64 0.00	64.86 -2.11 0.00	74.94 -2.64 0.00	56.54 -2.31 0.00	53.49 -2.18 0.00	48.85 -1.61 0.00	93.22 -1.08 0.00	62.95 -0.96 0.00	93.70 -3.63 0.00	62.74 -3.19 0.00	61.59 -2.72 0.00	69.66 -2.59 0.00	55.32 -1.26 0.00
NM_ST_REGIS___HYD 24053	44.03 0.71 0.00	45.72 0.89 0.00	42.41 0.54 0.00	39.31 0.35 0.00	37.94 0.34 0.00	42.17 0.69 0.00	38.90 0.71 0.00	39.74 0.58 0.00	42.39 0.64 0.00	47.44 0.75 0.00	48.72 0.46 0.00	70.09 0.45 0.00	67.06 0.09 0.00	77.67 0.09 0.00	58.56 -0.29 0.00	54.46 -1.20 0.00	48.79 -1.67 0.00	89.07 -5.23 0.00	60.69 -3.21 0.00	93.50 -3.83 0.00	125.78 -1.50 -61.36	93.95 -0.63 -30.27	72.94 0.70 0.00	57.73 1.15 0.00
NORTHPORT___1 23551	46.33 3.01 0.00	48.08 3.24 0.00	45.01 3.14 0.00	41.73 2.77 0.00	40.09 2.49 0.00	43.83 2.35 0.00	40.09 1.90 0.00	41.10 1.93 0.00	43.95 2.21 0.00	50.58 3.76 -0.13	55.17 3.70 -3.22	64.23 4.48 9.89	53.92 4.89 17.93	53.53 5.40 29.45	52.98 4.31 10.18	52.77 4.94 7.84	62.54 4.94 -7.14	174.27 8.57 -71.40	128.98 6.00 -59.08	106.04 8.95 0.23	23.40 4.06 46.59	25.83 2.73 41.21	26.59 1.98 47.63	53.71 1.14 4.01
NORTHPORT___2 23552	46.33 3.01 0.00	48.08 3.24 0.00	45.01 3.14 0.00	41.73 2.77 0.00	40.09 2.49 0.00	43.83 2.35 0.00	40.09 1.90 0.00	41.10 1.93 0.00	43.95 2.21 0.00	50.58 3.76 -0.13	55.17 3.70 -3.22	64.23 4.48 9.89	53.92 4.89 17.93	53.53 5.40 29.45	52.98 4.31 10.18	52.77 4.94 7.84	62.54 4.94 -7.14	174.27 8.57 -71.40	128.98 6.00 -59.08	106.04 8.95 0.23	23.40 4.06 46.59	25.83 2.73 41.21	26.59 1.98 47.63	53.71 1.14 4.01
NORTHPORT___3 23553	46.26 2.94 0.00	48.03 3.20 0.00	44.97 3.10 0.00	41.67 2.72 0.00	40.06 2.45 0.00	43.80 2.32 0.00	40.04 1.85 0.00	41.05 1.89 0.00	43.90 2.16 0.00	50.46 3.65 -0.13	54.97 3.49 -3.22	63.97 4.21 9.88	53.73 4.71 17.95	53.33 5.31 29.55	52.87 4.24 10.22	52.70 4.88 7.84	62.38 4.85 -7.07	174.03 8.54 -71.19	128.79 5.84 -59.04	105.55 8.59 0.37	23.07 3.77 46.63	25.66 2.58 41.24	26.55 1.92 47.62	53.66 1.09 4.02
NORTHPORT___4 23650	46.26 2.94 0.00	48.03 3.20 0.00	44.97 3.10 0.00	41.67 2.72 0.00	40.06 2.45 0.00	43.80 2.32 0.00	40.04 1.85 0.00	41.05 1.89 0.00	43.90 2.16 0.00	50.46 3.65 -0.13	54.97 3.49 -3.22	63.97 4.21 9.88	53.73 4.71 17.95	53.33 5.31 29.55	52.87 4.24 10.22	52.70 4.88 7.84	62.38 4.85 -7.07	174.03 8.54 -71.19	128.79 5.84 -59.04	105.55 8.59 0.37	23.07 3.77 46.63	25.66 2.58 41.24	26.55 1.92 47.62	53.66 1.09 4.02
NORTHPORT___IC 23718	46.34 3.01 0.00	48.08 3.25 0.00	45.01 3.14 0.00	41.72 2.77 0.00	40.09 2.49 0.00	43.83 2.35 0.00	40.09 1.90 0.00	41.10 1.93 0.00	43.96 2.21 0.00	50.56 3.74 -0.13	55.19 3.72 -3.22	64.24 4.49 9.89	53.93 4.89 17.93	53.59 5.46 29.45	53.00 4.33 10.18	52.77 4.94 7.84	62.64 5.04 -7.14	174.39 8.69 -71.40	129.03 6.04 -59.08	106.59 9.49 0.23	23.46 4.12 46.59	25.84 2.74 41.21	26.58 1.97 47.63	53.71 1.14 4.01
NORTH___COUNTRY_ESR 323785	43.40 0.08 0.00	45.01 0.18 0.00	41.75 -0.12 0.00	38.65 -0.31 0.00	37.26 -0.34 0.00	41.41 -0.07 0.00	38.31 0.12 0.00	39.39 0.23 0.00	42.01 0.26 0.00	46.95 0.26 0.00	48.27 0.01 0.00	69.40 -0.25 0.00	66.30 -0.67 0.00	76.71 -0.87 0.00	58.09 -0.77 0.00	54.33 -1.34 0.00	48.66 -1.81 0.00	89.96 -4.35 0.00	61.00 -2.90 0.00	93.42 -3.92 0.00	69.01 -2.24 -5.32	65.26 -1.68 -2.63	71.25 -0.99 0.00	56.34 -0.24 0.00
NPX_GEN_1385_PROXY 323591	46.21 2.88 0.00	48.02 3.18 0.00	44.95 3.08 0.00	41.73 2.77 0.00	40.07 2.49 0.03	43.81 2.33 0.00	40.07 1.89 0.00	41.04 1.88 0.00	43.83 2.08 0.00	50.44 3.63 -0.13	54.99 3.52 -3.22	63.97 4.22 9.89	11.57 4.64 60.03	53.26 5.13 29.45	53.00 4.32 10.18	-54.98 4.74 115.39	62.49 4.89 -7.14	174.11 8.41 -71.40	129.05 6.06 -59.08	106.11 9.01 0.23	23.20 3.97 46.70	25.91 2.80 41.21	26.87 2.26 47.63	53.82 1.25 4.01
NPX_GEN_CSC 323557	46.53 3.20 0.00	48.11 3.28 0.00	44.94 3.07 0.00	41.58 2.63 0.00	39.91 2.33 0.03	43.64 2.16 0.00	40.02 1.83 0.00	41.12 1.95 0.00	43.98 2.23 0.00	50.79 3.97 -0.13	55.57 4.10 -3.22	74.42 5.43 0.65	83.27 5.91 -10.40	137.69 6.85 -53.27	105.40 5.39 -41.16	91.06 6.08 -29.31	125.28 6.02 -68.79	260.52 10.36 -155.86	139.29 7.33 -68.06	109.53 11.02 -1.18	67.47 5.42 3.88	64.90 3.84 3.25	72.17 2.95 3.02	58.02 1.70 0.26
NSINS_S_GLNS_FALLS 23858	45.31 1.99 0.00	46.88 2.04 0.00	44.06 2.19 0.00	40.97 2.02 0.00	39.53 1.92 0.00	43.64 2.16 0.00	40.09 1.90 0.00	40.97 1.80 0.00	43.14 1.39 0.00	47.83 1.33 0.19	44.77 1.11 4.60	71.94 2.31 0.03	65.25 1.79 3.51	79.22 2.32 0.67	60.49 1.86 0.22	58.21 2.54 0.00	53.22 2.75 0.00	100.61 6.31 0.00	68.79 4.89 0.00	105.35 8.01 0.00	71.11 5.18 0.00	68.63 4.32 0.00	76.27 4.03 0.00	59.13 2.55 0.00
NUCOR_STEEL___DRP 24197	43.55 0.23 0.00	45.01 0.18 0.00	42.06 0.19 0.00	39.17 0.21 0.00	37.74 0.14 0.00	41.70 0.21 0.00	38.11 -0.08 0.00	39.05 -0.12 0.00	41.57 -0.18 0.00	46.51 -0.18 0.00	48.44 0.05 -0.13	71.46 0.10 -1.71	67.65 0.39 -0.29	81.75 1.11 -3.06	62.86 0.73 -3.28	56.69 0.86 -0.16	51.48 1.02 0.00	97.38 3.08 0.00	68.23 2.17 -2.16	103.02 3.32 -2.37	68.11 1.89 -0.30	69.50 1.49 -3.70	76.79 1.28 -3.28	60.52 0.81 -3.14
NUMBER_THREE_WT_PWR 323818	45.00 1.68 0.00	46.43 1.60 0.00	43.37 1.50 0.00	40.33 1.38 0.00	39.01 1.40 0.00	43.10 1.62 0.00	39.47 1.29 0.00	39.94 0.78 0.00	42.50 0.75 0.00	47.59 0.91 0.00	49.09 0.77 -0.07	71.55 1.03 -0.88	68.04 0.92 -0.15	80.34 1.19 -1.57	61.09 0.56 -1.68	56.12 0.37 -0.08	51.36 0.89 0.00	96.15 1.84 0.00	67.25 2.24 -1.11	102.73 4.18 -1.21	90.35 3.36 -21.06	80.03 3.50 -12.22	77.47 3.55 -1.68	60.70 2.50 -1.61
NYISO_LBMP_REFERENCE 24008	43.32 0.00 0.00	44.83 0.00 0.00	41.87 0.00 0.00	38.96 0.00 0.00	37.61 0.00 0.00	41.48 0.00 0.00	38.19 0.00 0.00	39.17 0.00 0.00	41.75 0.00 0.00	46.69 0.00 0.00	48.26 0.00 0.00	69.65 0.00 0.00	66.97 0.00 0.00	77.58 0.00 0.00	58.85 0.00 0.00	55.67 0.00 0.00	50.47 0.00 0.00	94.30 0.00 0.00	63.91 0.00 0.00	97.33 0.00 0.00	65.93 0.00 0.00	64.31 0.00 0.00	72.24 0.00 0.00	56.58 0.00 0.00
NYPA_BRENTWD____GT 24164	47.14 3.81 0.00	48.77 3.94 0.00	45.61 3.74 0.00	42.25 3.29 0.00	40.59 2.98 0.00	44.38 2.90 0.00	40.65 2.47 0.00	41.75 2.58 0.00	44.68 2.93 0.00	51.45 4.63 -0.13	56.21 4.74 -3.22	75.40 6.24 0.49	83.79 6.54 -10.27	136.46 7.13 -51.75	104.46 5.41 -40.20	90.23 5.96 -28.59	124.03 5.91 -67.66	258.73 10.48 -153.94	136.16 7.44 -64.82	109.50 11.29 -0.88	66.94 5.70 4.69	64.62 4.27 3.96	72.73 3.72 3.23	58.73 2.48 0.34

NYPA_GOWANUS____GT5 24156	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	86.99 7.08 -12.94	147.10 8.15 -61.37	110.55 5.95 -45.75	94.07 6.31 -32.10	131.38 6.07 -74.85	271.68 11.08 -166.30	137.34 7.54 -65.89	112.52 11.48 -3.70	71.59 5.65 0.00	68.95 4.64 0.00	76.68 4.44 0.00	59.80 3.21 0.00
NYPA_GOWANUS____GT6 24157	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.26 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.25 3.08 -0.01	45.15 3.40 -0.01	51.50 4.67 -0.14	56.53 5.05 -3.22	76.77 7.10 -0.02	86.99 7.08 -12.94	147.10 8.15 -61.37	110.55 5.95 -45.75	94.07 6.31 -32.10	131.38 6.07 -74.85	271.68 11.08 -166.30	137.34 7.54 -65.89	112.52 11.48 -3.70	71.59 5.65 0.00	68.95 4.64 0.00	76.68 4.44 0.00	59.80 3.21 0.00
NYPA_HARLEM__RVR__GT1 24160	46.89 3.57 0.00	48.27 3.44 0.00	45.35 3.49 0.00	42.18 3.22 0.00	40.62 3.01 0.00	44.42 2.94 0.00	40.91 2.72 0.00	42.15 2.97 -0.01	45.06 3.31 -0.01	51.46 4.64 -0.14	56.43 4.95 -3.22	76.47 6.81 -0.02	86.71 6.79 -12.94	146.80 7.86 -61.37	110.57 5.97 -45.75	94.18 6.41 -32.10	131.47 6.15 -74.85	271.92 11.32 -166.30	137.33 7.54 -65.89	112.30 11.27 -3.70	71.48 5.55 0.00	68.82 4.51 0.00	76.52 4.28 0.00	59.66 3.08 0.00
NYPA_HARLEM__RVR__GT2 24161	46.89 3.57 0.00	48.27 3.44 0.00	45.35 3.49 0.00	42.18 3.22 0.00	40.62 3.01 0.00	44.42 2.94 0.00	40.91 2.72 0.00	42.15 2.97 -0.01	45.06 3.31 -0.01	51.46 4.64 -0.14	56.43 4.95 -3.22	76.47 6.81 -0.02	86.71 6.79 -12.94	146.80 7.86 -61.37	110.57 5.97 -45.75	94.18 6.41 -32.10	131.47 6.15 -74.85	271.92 11.32 -166.30	137.33 7.54 -65.89	112.30 11.27 -3.70	71.48 5.55 0.00	68.82 4.51 0.00	76.52 4.28 0.00	59.66 3.08 0.00
NYPA_KENT____GT 24152	46.86 3.54 0.00	48.25 3.42 0.00	45.35 3.48 0.00	42.16 3.20 0.00	40.61 3.00 0.00	44.45 2.97 0.00	40.94 2.75 0.00	42.22 3.05 -0.01	45.13 3.38 -0.01	51.49 4.67 -0.14	56.53 5.06 -3.22	76.63 6.97 -0.02	86.86 6.95 -12.94	146.94 7.99 -61.37	110.50 5.90 -45.75	94.08 6.32 -32.10	131.36 6.05 -74.85	271.66 11.06 -166.30	137.26 7.46 -65.89	112.32 11.28 -3.70	71.48 5.55 0.00	68.80 4.48 0.00	76.50 4.26 0.00	59.67 3.09 0.00
NYPA_POUCH1____GT 24155	46.83 3.51 0.00	48.20 3.36 0.00	45.37 3.51 0.00	42.20 3.25 0.00	40.64 3.04 0.00	44.48 3.00 0.00	40.95 2.76 0.00	42.20 3.02 -0.01	45.05 3.30 -0.01	51.34 4.51 -0.14	56.32 4.84 -3.22	76.66 7.00 -0.02	86.95 7.04 -12.94	147.07 8.13 -61.37	110.45 5.85 -45.75	93.95 6.19 -32.10	131.21 5.89 -74.85	271.43 10.83 -166.30	137.26 7.46 -65.89	112.27 11.23 -3.70	71.38 5.45 0.00	68.76 4.45 0.00	76.50 4.26 0.00	59.66 3.08 0.00
NYPA_VERNON____GT2 24162	46.80 3.47 0.00	48.20 3.37 0.00	45.28 3.42 0.00	42.10 3.14 0.00	40.55 2.95 0.00	44.40 2.92 0.00	40.89 2.71 0.00	42.19 3.01 -0.01	45.13 3.37 -0.01	51.49 4.67 -0.14	56.53 5.05 -3.22	76.58 6.92 -0.02	86.79 6.88 -12.94	146.83 7.89 -61.37	110.50 5.90 -45.75	94.13 6.36 -32.10	131.38 6.07 -74.85	271.65 11.06 -166.30	137.24 7.44 -65.89	112.18 11.15 -3.70	71.41 5.47 0.00	68.70 4.39 0.00	76.38 4.15 0.00	59.58 3.00 0.00
NYPA_VERNON____GT3 24163	46.80 3.47 0.00	48.20 3.37 0.00	45.28 3.42 0.00	42.10 3.14 0.00	40.55 2.95 0.00	44.40 2.92 0.00	40.89 2.71 0.00	42.19 3.01 -0.01	45.13 3.37 -0.01	51.49 4.67 -0.14	56.53 5.05 -3.22	76.58 6.92 -0.02	86.79 6.88 -12.94	146.83 7.89 -61.37	110.50 5.90 -45.75	94.13 6.36 -32.10	131.38 6.07 -74.85	271.65 11.06 -166.30	137.24 7.44 -65.89	112.18 11.15 -3.70	71.41 5.47 0.00	68.70 4.39 0.00	76.38 4.15 0.00	59.58 3.00 0.00
NYPA____ASTORIA_CC1 323568	46.77 3.45 0.00	48.17 3.33 0.00	45.26 3.39 0.00	42.08 3.12 0.00	40.52 2.91 0.00	44.34 2.86 0.00	40.83 2.65 0.00	42.14 2.96 -0.01	45.07 3.32 -0.01	51.42 4.59 -0.14	56.45 4.97 -3.22	76.44 6.78 -0.02	86.65 6.74 -12.94	146.67 7.73 -61.37	110.38 5.78 -45.75	94.00 6.24 -32.10	131.25 5.94 -74.85	271.44 10.85 -166.30	137.08 7.29 -65.89	111.96 10.92 -3.70	71.28 5.35 0.00	68.55 4.24 0.00	76.21 3.97 0.00	59.47 2.89 0.00
NYPA____ASTORIA_CC2 323569	46.77 3.45 0.00	48.17 3.33 0.00	45.26 3.39 0.00	42.08 3.12 0.00	40.52 2.91 0.00	44.34 2.86 0.00	40.83 2.65 0.00	42.14 2.96 -0.01	45.07 3.32 -0.01	51.42 4.59 -0.14	56.45 4.97 -3.22	76.44 6.78 -0.02	86.65 6.74 -12.94	146.67 7.73 -61.37	110.38 5.78 -45.75	94.00 6.24 -32.10	131.25 5.94 -74.85	271.44 10.85 -166.30	137.08 7.29 -65.89	111.96 10.92 -3.70	71.28 5.35 0.00	68.55 4.24 0.00	76.21 3.97 0.00	59.47 2.89 0.00
NYPA____HOLTSVILL 23794	46.65 3.33 0.00	48.28 3.45 0.00	45.15 3.28 0.00	41.82 2.87 0.00	40.17 2.56 0.00	43.92 2.44 0.00	40.24 2.05 0.00	41.31 2.14 0.00	44.17 2.43 0.00	50.91 4.09 -0.13	55.68 4.21 -3.22	74.52 5.49 0.61	83.36 5.90 -10.49	137.80 6.67 -53.56	105.44 5.25 -41.34	91.00 5.89 -29.44	125.29 5.81 -69.01	261.69 10.04 -157.34	147.04 7.00 -76.13	110.11 10.57 -2.20	67.84 5.18 3.27	64.94 3.75 3.12	72.36 2.99 2.87	58.14 1.81 0.25
NYPA____HELLGATE_GT1 24158	46.89 3.57 0.00	48.27 3.44 0.00	45.35 3.49 0.00	42.18 3.22 0.00	40.62 3.01 0.00	44.42 2.94 0.00	40.91 2.72 0.00	42.15 2.97 -0.01	45.06 3.31 -0.01	51.46 4.64 -0.14	56.43 4.95 -3.22	76.47 6.81 -0.02	86.71 6.79 -12.94	146.80 7.86 -61.37	110.57 5.97 -45.75	94.18 6.41 -32.10	131.47 6.15 -74.85	271.92 11.32 -166.30	137.33 7.54 -65.89	112.30 11.27 -3.70	71.48 5.55 0.00	68.82 4.51 0.00	76.52 4.28 0.00	59.67 3.09 0.00
NYPA____HELLGATE_GT2 24159	46.89 3.57 0.00	48.27 3.44 0.00	45.35 3.49 0.00	42.18 3.22 0.00	40.62 3.01 0.00	44.42 2.94 0.00	40.91 2.72 0.00	42.15 2.97 -0.01	45.06 3.31 -0.01	51.46 4.64 -0.14	56.43 4.95 -3.22	76.47 6.81 -0.02	86.71 6.79 -12.94	146.80 7.86 -61.37	110.57 5.97 -45.75	94.18 6.41 -32.10	131.47 6.15 -74.85	271.92 11.32 -166.30	137.33 7.54 -65.89	112.30 11.27 -3.70	71.48 5.55 0.00	68.82 4.51 0.00	76.52 4.28 0.00	59.67 3.09 0.00
NYS_BARGE____HYD 23848	42.37 -0.60 0.34	42.56 -1.22 1.06	40.61 -1.22 0.04	37.82 -1.14 0.00	36.77 -0.84 0.00	40.49 -0.99 0.00	36.64 -1.55 0.00	37.39 -1.78 0.00	40.33 -1.42 0.00	45.62 -1.07 0.00	46.72 -1.54 0.00	67.98 -1.67 0.00	66.02 -0.95 0.00	76.71 -0.86 0.00	57.98 -0.87 0.00	54.83 -0.84 0.00	50.08 -0.39 0.00	95.53 1.23 0.00	64.44 0.53 0.00	96.16 -1.18 0.00	64.21 -1.73 0.00	63.00 -1.31 0.00	71.20 -1.05 0.00	56.53 -0.05 0.00
OAK ORCHARD____HYD 24046	43.27 0.14 0.18	43.96 -0.31 0.56	41.47 -0.37 0.02	38.62 -0.34 0.00	37.44 -0.17 0.00	41.25 -0.23 0.00	37.61 -0.58 0.00	38.59 -0.58 0.00	41.48 -0.27 0.00	46.81 0.12 0.00	48.35 0.09 0.00	70.34 0.69 0.00	68.19 1.22 0.00	79.36 1.78 0.00	60.23 1.38 0.00	56.92 1.26 0.00	51.97 1.51 0.00	98.76 4.46 0.00	66.62 2.72 0.00	100.17 2.84 0.00	67.03 1.10 0.00	65.43 1.11 0.00	73.37 1.12 0.00	57.63 1.05 0.00

OAKDALE___35_KV_LOAD 356122	43.76 0.43 0.00	45.03 0.20 0.00	42.14 0.27 0.00	39.22 0.27 0.00	37.97 0.37 0.00	41.64 0.16 0.00	38.16 -0.03 0.00	39.21 0.04 0.00	41.73 -0.01 0.00	46.59 -0.09 0.00	48.30 0.04 0.00	69.97 0.32 0.00	68.00 0.49 -0.54	81.57 0.86 -3.13	61.56 0.36 -2.34	57.85 0.53 -1.65	55.10 0.78 -3.85	105.59 2.74 -8.55	68.98 1.69 -3.39	99.67 2.15 -0.19	67.11 1.17 0.00	65.37 1.06 0.00	72.99 0.75 0.00	56.93 0.35 0.00
OCC_CHEM___DRP 24175	42.31 -1.02 0.00	43.19 -1.64 0.00	40.20 -1.67 0.00	37.40 -1.56 0.00	36.35 -1.25 0.00	40.03 -1.46 0.00	36.19 -2.00 0.00	36.91 -2.25 0.00	39.82 -1.92 0.00	45.16 -1.53 0.00	46.13 -2.13 0.00	67.16 -2.49 0.00	65.02 -1.95 0.00	75.12 -2.46 0.00	56.68 -2.18 0.00	53.61 -2.05 0.00	48.96 -1.51 0.00	93.45 -0.85 0.00	63.11 -0.80 0.00	93.95 -3.39 0.00	62.88 -3.05 0.00	61.73 -2.58 0.00	69.81 -2.43 0.00	55.45 -1.14 0.00
OH_GEN_PROXY 24063	41.93 -0.98 0.41	41.99 -1.57 1.27	40.23 -1.59 0.05	37.49 -1.47 0.00	36.40 -1.18 0.03	40.08 -1.40 0.00	36.29 -1.89 0.00	37.16 -2.01 0.00	40.12 -1.63 0.00	45.45 -1.24 0.00	46.57 -1.69 0.00	67.74 -1.90 0.00	65.60 -1.37 0.00	76.09 -1.49 0.00	57.46 -1.40 0.00	54.34 -1.32 0.00	49.64 -0.82 0.00	94.84 0.54 0.00	63.98 0.07 0.00	95.78 -1.56 0.00	63.77 -2.05 0.11	62.66 -1.66 0.00	70.68 -1.56 0.00	56.00 -0.58 0.00
OLIN_CORP_DRP 24177	42.11 -1.21 0.00	43.03 -1.81 0.00	40.16 -1.71 0.00	37.38 -1.58 0.00	36.34 -1.26 0.00	40.02 -1.46 0.00	36.18 -2.01 0.00	36.87 -2.29 0.00	39.78 -1.96 0.00	45.09 -1.60 0.00	46.07 -2.19 0.00	67.06 -2.59 0.00	65.11 -1.85 0.00	75.60 -1.98 0.00	57.15 -1.71 0.00	54.08 -1.59 0.00	49.38 -1.08 0.00	94.14 -0.16 0.00	63.55 -0.35 0.00	94.57 -2.76 0.00	63.31 -2.62 0.00	62.16 -2.15 0.00	70.30 -1.94 0.00	55.94 -0.64 0.00
OLIN_CORP_DSASP 323712	41.92 -1.01 0.39	42.01 -1.63 1.20	40.15 -1.67 0.05	37.40 -1.56 0.00	36.35 -1.25 0.00	40.03 -1.46 0.00	36.19 -1.99 0.00	36.91 -2.25 0.00	39.83 -1.92 0.00	45.16 -1.53 0.00	46.20 -2.06 0.00	67.18 -2.46 0.00	65.02 -1.95 0.00	75.14 -2.44 0.00	56.67 -2.18 0.00	53.60 -2.06 0.00	48.97 -1.50 0.00	93.48 -0.82 0.00	63.12 -0.79 0.00	94.23 -3.11 0.00	62.92 -3.01 0.00	61.75 -2.57 0.00	69.83 -2.41 0.00	55.47 -1.11 0.00
ONEIDA_HERK_LFGE 323681	44.67 1.35 0.00	46.09 1.26 0.00	43.08 1.21 0.00	40.09 1.13 0.00	38.76 1.15 0.00	42.76 1.28 0.00	39.25 1.06 0.00	39.97 0.80 0.00	42.52 0.78 0.00	47.60 0.92 0.00	49.15 0.89 0.00	70.94 1.30 0.00	68.23 1.26 0.00	79.24 1.66 0.00	60.01 1.16 0.00	56.85 1.18 0.00	51.97 1.51 0.00	97.72 3.42 0.00	66.68 2.78 0.00	101.84 4.51 0.00	78.58 3.13 -9.51	72.08 3.07 -4.69	75.27 3.03 0.00	58.62 2.04 0.00
ONEIDA___115KV_TB4 55905	44.57 1.24 0.00	45.94 1.11 0.00	42.95 1.08 0.00	39.96 1.00 0.00	38.65 1.04 0.00	42.58 1.10 0.00	39.09 0.91 0.00	39.91 0.75 0.00	42.42 0.68 0.00	47.45 0.76 0.00	49.06 0.80 0.00	70.99 1.34 0.00	68.43 1.46 0.00	79.57 1.99 0.00	60.41 1.56 0.00	57.37 1.70 0.00	52.50 2.04 0.00	99.18 4.88 0.00	67.39 3.49 0.00	102.65 5.31 0.00	73.35 3.42 -4.00	69.43 3.15 -1.97	75.24 3.00 0.00	58.50 1.92 0.00
ONONDAGA_REF_OCCRA 23987	43.36 0.04 0.00	44.65 -0.18 0.00	41.75 -0.12 0.00	38.86 -0.10 0.00	37.57 -0.03 0.00	41.35 -0.14 0.00	37.96 -0.23 0.00	38.93 -0.23 0.00	41.50 -0.24 0.00	46.40 -0.28 0.00	48.15 -0.15 -0.05	70.31 0.04 -0.62	67.41 0.33 -0.10	79.35 0.66 -1.11	60.56 0.52 -1.19	56.44 0.72 -0.06	51.38 0.91 0.00	96.92 2.62 0.00	66.47 1.78 -0.78	100.57 2.38 -0.86	67.35 1.31 -0.11	66.73 1.07 -1.35	74.19 0.76 -1.19	58.06 0.34 -1.14
ONONDAGA___COGEN 23986	43.26 -0.06 0.00	44.56 -0.27 0.00	41.67 -0.20 0.00	38.80 -0.16 0.00	37.50 -0.11 0.00	41.28 -0.21 0.00	37.89 -0.29 0.00	38.88 -0.29 0.00	41.43 -0.32 0.00	46.35 -0.34 0.00	48.17 -0.24 -0.15	71.55 -0.15 -2.05	67.51 0.20 -0.34	81.77 0.53 -3.67	63.19 0.42 -3.92	56.45 0.59 -0.19	51.25 0.79 0.00	96.65 2.35 0.00	68.08 1.60 -2.58	102.30 2.14 -2.83	67.41 1.13 -0.35	69.62 0.88 -4.42	76.76 0.60 -3.92	60.57 0.24 -3.75
ONTARIO___LFGE 23819	43.83 0.51 0.00	45.05 0.22 0.00	42.04 0.17 0.00	39.10 0.14 0.00	37.91 0.30 0.00	41.65 0.17 0.00	38.17 -0.02 0.00	39.19 0.02 0.00	41.75 0.01 0.00	46.76 0.07 0.00	48.42 0.11 -0.06	70.92 0.51 -0.76	68.15 1.05 -0.13	80.71 1.76 -1.37	61.59 1.28 -1.46	57.06 1.32 -0.07	52.11 1.65 0.00	99.33 5.03 0.00	68.15 3.28 -0.96	102.39 4.00 -1.05	68.01 1.94 -0.13	67.68 1.71 -1.65	75.09 1.38 -1.47	58.85 0.87 -1.40
ORANGEVILLE_WT_PWR 323706	43.21 -0.02 0.09	43.98 -0.58 0.27	41.15 -0.71 0.01	38.24 -0.71 0.00	37.16 -0.45 0.00	40.77 -0.71 0.00	37.03 -1.16 0.00	37.82 -1.34 0.00	40.54 -1.20 0.00	45.64 -1.05 0.00	46.97 -1.28 0.00	68.63 -1.02 0.00	66.64 -0.33 0.00	77.13 -0.45 0.00	58.08 -0.78 0.00	55.07 -0.60 0.00	50.52 0.06 0.00	96.71 2.41 0.00	65.14 1.24 0.00	97.75 0.42 0.00	64.81 -1.12 0.00	63.47 -0.85 0.00	71.42 -0.82 0.00	56.08 -0.51 0.00
ORANGEVILLE___ESR 323794	43.21 -0.02 0.09	43.98 -0.58 0.27	41.15 -0.71 0.01	38.24 -0.71 0.00	37.16 -0.45 0.00	40.77 -0.71 0.00	37.03 -1.16 0.00	37.82 -1.34 0.00	40.54 -1.20 0.00	45.64 -1.05 0.00	46.97 -1.28 0.00	68.63 -1.02 0.00	66.64 -0.33 0.00	77.13 -0.45 0.00	58.08 -0.78 0.00	55.07 -0.60 0.00	50.52 0.06 0.00	96.71 2.41 0.00	65.14 1.24 0.00	97.75 0.42 0.00	64.81 -1.12 0.00	63.47 -0.85 0.00	71.42 -0.82 0.00	56.08 -0.51 0.00
OSWEGATCHIE___HYD 24044	44.47 1.15 0.00	46.04 1.21 0.00	42.86 1.00 0.00	39.81 0.85 0.00	38.46 0.85 0.00	42.62 1.14 0.00	39.15 0.96 0.00	39.66 0.50 0.00	42.24 0.50 0.00	47.39 0.71 0.00	48.76 0.45 -0.06	70.92 0.49 -0.78	67.36 0.26 -0.13	79.36 0.40 -1.38	60.25 -0.08 -1.48	55.09 -0.65 -0.07	49.92 -0.54 0.00	92.34 -1.96 0.00	64.38 -0.51 -0.98	98.55 0.14 -1.07	115.49 0.98 -48.58	91.38 1.48 -25.59	76.00 2.27 -1.49	59.91 1.91 -1.43
OSWEGO___5 23606	42.48 -0.84 0.00	43.78 -1.05 0.00	40.96 -0.91 0.00	38.14 -0.81 0.00	36.86 -0.75 0.00	40.57 -0.91 0.00	37.27 -0.92 0.00	38.22 -0.95 0.00	40.75 -0.99 0.00	45.58 -1.10 0.00	48.13 -1.05 -0.93	80.68 -1.41 -12.44	67.88 -1.18 -2.09	98.66 -1.22 -22.29	81.75 -0.93 -23.83	56.05 -0.77 -1.15	49.96 -0.50 0.00	93.98 -0.32 0.00	79.36 -0.23 -15.68	113.95 -0.57 -17.19	67.45 -0.63 -2.15	90.44 -0.75 -26.88	94.99 -1.07 -23.81	78.42 -0.96 -22.80
OSWEGO___6 23613	42.48 -0.84 0.00	43.78 -1.05 0.00	40.96 -0.91 0.00	38.14 -0.81 0.00	36.86 -0.75 0.00	40.57 -0.91 0.00	37.27 -0.92 0.00	38.22 -0.95 0.00	40.75 -0.99 0.00	45.58 -1.10 0.00	48.13 -1.05 -0.93	80.68 -1.41 -12.44	67.88 -1.18 -2.09	98.66 -1.22 -22.29	81.75 -0.93 -23.83	56.05 -0.77 -1.15	49.96 -0.50 0.00	93.98 -0.32 0.00	79.36 -0.23 -15.68	113.95 -0.57 -17.19	67.45 -0.63 -2.15	90.44 -0.75 -26.88	94.99 -1.07 -23.81	78.42 -0.96 -22.80

OUTOKUMPU-AB___DRP 24206	43.08 -0.24 0.00	43.97 -0.87 0.00	40.91 -0.96 0.00	38.06 -0.90 0.00	36.99 -0.62 0.00	40.74 -0.74 0.00	36.90 -1.29 0.00	37.71 -1.46 0.00	40.73 -1.02 0.00	46.17 -0.51 0.00	47.33 -0.93 0.00	69.03 -0.62 0.00	66.90 -0.07 0.00	77.50 -0.08 0.00	58.24 -0.61 0.00	55.10 -0.56 0.00	50.31 -0.15 0.00	96.06 1.76 0.00	64.69 0.79 0.00	96.42 -0.92 0.00	64.45 -1.48 0.00	63.28 -1.03 0.00	71.64 -0.61 0.00	56.85 0.27 0.00
OXBOW___BTM 323836	42.31 -0.62 0.39	42.39 -1.25 1.20	40.49 -1.33 0.05	37.72 -1.24 0.00	36.65 -0.95 0.00	40.37 -1.11 0.00	36.54 -1.65 0.00	37.31 -1.86 0.00	40.29 -1.46 0.00	45.68 -1.01 0.00	46.83 -1.43 0.00	68.21 -1.44 0.00	66.07 -0.90 0.00	76.45 -1.13 0.00	57.34 -1.51 0.00	54.23 -1.44 0.00	49.55 -0.92 0.00	94.55 0.25 0.00	63.75 -0.16 0.00	95.18 -2.16 0.00	63.53 -2.40 0.00	62.38 -1.93 0.00	70.70 -1.54 0.00	56.18 -0.40 0.00
OXBOW___ 24026	42.70 -0.62 0.00	43.58 -1.25 0.00	40.54 -1.33 0.00	37.72 -1.24 0.00	36.66 -0.95 0.00	40.37 -1.11 0.00	36.54 -1.65 0.00	37.31 -1.86 0.00	40.28 -1.46 0.00	45.68 -1.01 0.00	46.77 -1.49 0.00	68.17 -1.48 0.00	66.05 -0.92 0.00	76.43 -1.14 0.00	57.35 -1.51 0.00	54.23 -1.43 0.00	49.54 -0.92 0.00	94.51 0.21 0.00	63.74 -0.17 0.00	94.92 -2.42 0.00	63.51 -2.43 0.00	62.36 -1.95 0.00	70.69 -1.55 0.00	56.17 -0.41 0.00
OXY_CHEM_DSASP 323612	42.31 -1.02 0.00	43.19 -1.64 0.00	40.20 -1.67 0.00	37.40 -1.56 0.00	36.35 -1.25 0.00	40.03 -1.46 0.00	36.19 -2.00 0.00	36.91 -2.25 0.00	39.82 -1.92 0.00	45.16 -1.53 0.00	46.13 -2.13 0.00	67.16 -2.49 0.00	65.02 -1.95 0.00	75.12 -2.46 0.00	56.68 -2.18 0.00	53.61 -2.05 0.00	48.96 -1.51 0.00	93.45 -0.85 0.00	63.11 -0.80 0.00	93.95 -3.39 0.00	62.88 -3.05 0.00	61.73 -2.58 0.00	69.81 -2.43 0.00	55.45 -1.14 0.00
OZONE_PARK_ESR 323760	47.61 4.29 0.00	48.98 4.14 0.00	45.99 4.12 0.00	42.72 3.77 0.00	41.13 3.53 0.00	45.00 3.52 0.00	41.42 3.24 0.00	42.69 3.53 0.00	45.70 3.95 0.00	52.14 5.33 -0.13	57.16 5.69 -3.22	77.52 7.85 -0.02	87.81 7.88 -12.96	148.15 9.11 -61.47	111.49 6.81 -45.82	95.08 7.26 -32.15	132.42 6.99 -74.97	273.90 13.04 -166.57	138.50 8.59 -66.00	113.94 12.90 -3.71	72.59 6.65 0.00	69.90 5.58 0.00	77.70 5.46 0.00	60.46 3.88 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	42.31 -1.02 0.00	43.19 -1.64 0.00	40.20 -1.67 0.00	37.40 -1.56 0.00	36.35 -1.25 0.00	40.03 -1.46 0.00	36.19 -2.00 0.00	36.91 -2.25 0.00	39.82 -1.92 0.00	45.16 -1.53 0.00	46.13 -2.13 0.00	67.16 -2.49 0.00	65.02 -1.95 0.00	75.12 -2.46 0.00	56.68 -2.18 0.00	53.61 -2.05 0.00	48.96 -1.51 0.00	93.45 -0.85 0.00	63.11 -0.80 0.00	93.95 -3.39 0.00	62.88 -3.05 0.00	61.73 -2.58 0.00	69.81 -2.43 0.00	55.45 -1.14 0.00
PACKARD__115KV_DUPONT_184 80571	42.31 -1.02 0.00	43.19 -1.64 0.00	40.20 -1.67 0.00	37.40 -1.56 0.00	36.35 -1.25 0.00	40.03 -1.46 0.00	36.19 -2.00 0.00	36.91 -2.25 0.00	39.82 -1.92 0.00	45.16 -1.53 0.00	46.13 -2.13 0.00	67.16 -2.49 0.00	65.02 -1.95 0.00	75.12 -2.46 0.00	56.68 -2.18 0.00	53.61 -2.05 0.00	48.96 -1.51 0.00	93.45 -0.85 0.00	63.11 -0.80 0.00	93.95 -3.39 0.00	62.88 -3.05 0.00	61.73 -2.58 0.00	69.81 -2.43 0.00	55.45 -1.14 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	46.84 3.52 0.00	48.23 3.40 0.00	45.32 3.45 0.00	42.14 3.18 0.00	40.57 2.97 0.00	44.40 2.92 0.00	40.88 2.70 0.00	42.12 2.96 0.00	45.03 3.28 0.00	51.36 4.55 -0.13	56.35 4.88 -3.22	76.36 6.69 -0.02	86.66 6.74 -12.94	146.73 7.79 -61.37	110.47 5.87 -45.75	94.07 6.31 -32.10	131.36 6.05 -74.85	271.72 11.12 -166.30	137.26 7.46 -65.89	112.29 11.25 -3.70	71.44 5.51 0.00	68.79 4.48 0.00	76.46 4.22 0.00	59.63 3.05 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	48.31 4.99 0.00	49.72 4.88 0.00	46.70 4.84 0.00	43.42 4.47 0.00	41.81 4.21 0.00	45.75 4.27 0.00	42.17 3.98 0.00	43.43 4.26 0.00	46.43 4.68 0.00	52.91 6.09 -0.13	57.90 6.43 -3.22	78.62 8.96 -0.02	88.80 8.89 -12.94	149.32 10.37 -61.37	112.46 7.86 -45.75	96.00 8.24 -32.10	133.11 7.79 -74.85	275.02 14.42 -166.30	139.44 9.64 -65.89	115.59 14.55 -3.70	73.67 7.74 0.00	70.98 6.67 0.00	78.88 6.64 0.00	61.52 4.94 0.00
PATROON__115KV_TB1 80586	44.14 0.81 0.00	45.60 0.77 0.00	42.82 0.95 0.00	39.84 0.88 0.00	38.44 0.84 0.00	42.27 0.79 0.00	38.85 0.67 0.00	39.71 0.54 0.00	42.33 0.58 0.00	47.30 0.72 0.11	46.43 0.78 2.61	70.71 1.07 0.01	65.91 0.95 2.01	78.27 1.08 0.38	59.62 0.90 0.13	57.04 1.37 0.00	52.09 1.62 0.00	97.91 3.61 0.00	66.37 2.46 0.00	101.11 3.78 0.00	67.90 1.97 0.00	65.64 1.33 0.00	73.26 1.02 0.00	56.94 0.36 0.00
PATTRSNVILLE___SOLAR 323815	44.95 1.63 0.00	46.40 1.57 0.00	43.51 1.64 0.00	40.46 1.50 0.00	39.05 1.44 0.00	43.02 1.54 0.00	39.39 1.20 0.00	40.07 0.91 0.00	42.46 0.71 0.12	47.30 0.73 2.96	46.05 0.76 2.96	70.85 1.22 0.02	65.86 1.15 2.26	78.55 1.40 0.43	59.83 1.12 0.14	57.19 1.52 0.00	52.11 1.65 0.00	98.52 4.22 0.00	67.32 3.41 0.00	102.72 5.38 0.00	69.32 3.39 0.00	67.29 2.97 0.00	75.15 2.91 0.00	58.62 2.04 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	43.04 -0.28 0.00	43.94 -0.90 0.00	40.87 -1.00 0.00	38.00 -0.96 0.00	36.94 -0.67 0.00	40.59 -0.89 0.00	36.85 -1.34 0.00	37.86 -1.31 0.00	40.83 -0.92 0.00	46.21 -0.48 0.00	47.57 -0.69 0.00	69.41 -0.23 0.00	67.28 0.31 0.00	78.26 0.68 0.00	58.91 0.05 0.00	55.76 0.09 0.00	50.96 0.49 0.00	97.39 3.09 0.00	65.34 1.43 0.00	97.66 0.33 0.00	65.16 -0.77 0.00	63.96 -0.35 0.00	71.95 -0.29 0.00	56.77 0.18 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.44 3.12 0.00	47.85 3.01 0.00	44.88 3.01 0.00	41.71 2.75 0.00	40.19 2.58 0.00	44.08 2.60 0.00	40.55 2.36 0.00	41.75 2.58 0.00	44.61 2.87 0.00	50.82 4.01 -0.13	55.82 4.42 -3.14	75.97 6.30 -0.02	77.90 6.33 -4.60	98.68 7.56 -13.54	74.57 5.77 -9.95	68.88 6.31 -6.90	72.76 6.21 -16.08	141.80 11.78 -35.72	85.86 7.80 -14.15	109.77 11.64 -0.79	71.88 5.95 0.00	69.19 4.88 0.00	76.84 4.60 0.00	59.67 3.09 0.00
PEEKSKILL___ 23653	46.18 2.86 0.00	47.59 2.76 0.00	44.67 2.80 0.00	41.55 2.59 0.00	40.01 2.41 0.00	43.86 2.38 0.00	40.32 2.14 0.00	41.48 2.31 0.00	44.30 2.55 0.00	50.56 3.74 -0.13	55.57 4.11 -3.21	75.40 5.74 -0.02	87.37 5.82 -14.58	155.24 6.83 -70.84	116.86 5.17 -52.84	98.44 5.68 -37.09	142.51 5.55 -86.49	296.87 10.40 -192.17	146.92 6.87 -76.15	111.78 10.17 -4.28	70.83 4.89 0.00	68.23 3.92 0.00	75.90 3.66 0.00	59.05 2.47 0.00
PGE MADISON___WINDPWR 24146	46.92 3.47 -0.12	48.55 3.34 -0.38	44.93 3.04 -0.02	41.78 2.82 0.00	40.46 2.86 0.00	44.43 2.95 0.00	40.75 2.56 0.00	41.67 2.50 0.00	44.14 2.40 0.00	49.30 2.61 0.00	51.04 2.78 0.00	74.32 4.67 0.00	73.99 5.01 -2.02	95.42 6.22 -11.63	71.80 4.25 -8.71	66.05 4.25 -6.13	69.40 4.64 -14.29	136.45 10.40 -31.75	84.18 7.69 -12.58	109.17 11.13 -0.71	72.63 6.70 0.00	70.02 5.71 0.00	76.52 4.28 0.00	59.95 3.37 0.00

PIERCEFIELD___HYD 23852	44.02 0.70 0.00	45.73 0.90 0.00	42.43 0.57 0.00	39.35 0.39 0.00	38.00 0.39 0.00	42.21 0.73 0.00	38.91 0.72 0.00	39.70 0.54 0.00	42.36 0.62 0.00	47.40 0.72 0.00	48.68 0.42 0.00	70.03 0.39 0.00	67.03 0.06 0.00	77.66 0.08 0.00	58.50 -0.35 0.00	54.33 -1.34 0.00	48.68 -1.79 0.00	88.63 -5.67 0.00	60.44 -3.47 0.00	93.13 -4.20 0.00	135.85 -1.65 -71.57	98.99 -0.64 -35.31	72.99 0.75 0.00	57.80 1.22 0.00
PINELAWN_CC_1 323563	47.03 3.70 0.00	48.64 3.80 0.00	45.48 3.61 0.00	42.14 3.18 0.00	40.49 2.89 0.00	44.28 2.80 0.00	40.59 2.41 0.00	41.71 2.54 0.00	44.65 2.91 0.00	51.33 4.52 -0.13	55.86 4.39 -3.22	74.95 5.60 0.30	84.04 5.90 -11.17	139.01 6.63 -54.81	106.15 5.26 -42.03	91.30 5.78 -29.85	126.13 5.74 -69.92	261.81 10.23 -157.28	135.84 7.08 -64.85	108.76 10.55 -0.87	67.61 5.06 3.38	65.37 3.78 2.72	73.05 3.16 2.35	58.42 2.04 0.21
PJM_GEN_HTTP_PROXY 323702	46.62 3.30 0.00	48.03 3.19 0.00	45.14 3.27 0.00	41.97 3.01 0.00	40.41 2.80 0.00	44.22 2.74 0.00	40.55 2.51 0.15	41.92 2.76 0.00	44.85 3.11 0.00	51.19 4.37 -0.13	56.23 4.76 -3.22	76.32 6.65 -0.02	86.64 6.69 -12.98	146.88 7.73 -61.57	110.53 5.77 -45.90	94.16 6.28 -32.21	131.66 6.09 -75.10	272.50 11.34 -166.86	137.50 7.47 -66.12	112.17 11.12 -3.72	71.42 5.49 0.00	68.76 4.45 0.00	76.46 4.21 0.00	59.52 2.94 0.00
PJM_GEN_KEystone 24065	43.95 1.07 0.44	44.26 0.77 1.34	42.63 0.81 0.05	39.75 0.79 0.00	38.45 0.85 0.00	42.13 0.65 0.00	38.38 0.35 0.15	39.63 0.46 0.00	42.38 0.63 0.00	48.06 1.30 -0.07	51.53 1.51 -1.76	71.93 2.28 -0.01	78.57 2.48 -9.13	125.64 3.14 -44.92	94.67 2.07 -33.75	81.75 2.40 -23.68	108.37 2.57 -55.33	223.10 5.83 -122.97	116.24 3.61 -48.73	107.82 4.77 -5.71	65.81 1.54 1.67	65.60 1.29 0.00	73.30 1.06 0.00	67.71 0.73 -10.40
PJM_GEN_NEPTUNE_PROXY 323594	46.54 3.22 0.00	48.07 3.24 0.00	45.00 3.14 0.00	41.75 2.79 0.00	40.14 2.53 0.00	43.91 2.43 0.00	40.11 2.08 0.15	41.39 2.22 0.00	44.30 2.56 0.00	50.86 4.04 -0.13	55.59 4.12 -3.22	75.15 5.49 -0.02	84.86 5.81 -12.07	142.68 6.56 -58.55	108.55 5.15 -44.55	93.29 5.74 -31.88	128.84 5.61 -72.76	264.44 10.01 -160.13	135.32 6.82 -64.60	107.47 10.04 -0.09	69.54 4.79 1.19	67.19 3.63 0.75	75.41 3.17 0.00	58.62 2.04 0.00
PJM_GEN_VFT_PROXY 323633	46.45 3.13 0.00	47.84 3.01 0.00	44.95 3.08 0.00	41.83 2.87 0.00	40.28 2.67 0.00	44.07 2.59 0.00	40.41 2.37 0.15	41.77 2.61 0.00	44.68 2.93 0.00	50.98 4.16 -0.13	56.00 4.53 -3.22	75.95 6.28 -0.02	86.27 6.34 -12.96	141.00 7.27 -56.16	109.33 5.38 -45.10	92.96 5.91 -31.38	131.03 5.73 -74.83	271.47 10.61 -166.56	136.96 7.06 -66.00	111.54 10.49 -3.71	70.27 5.06 0.72	68.35 4.04 0.00	75.96 3.79 0.07	59.17 2.59 0.01
PLATSBURG_115KV_PMLD1 355749	43.99 0.67 0.00	45.55 0.72 0.00	42.30 0.43 0.00	39.17 0.21 0.00	37.75 0.14 0.00	41.83 0.35 0.00	38.73 0.55 0.00	39.80 0.63 0.00	42.24 0.49 0.00	47.10 0.41 0.00	48.45 0.20 0.00	69.50 -0.14 0.00	65.97 -1.00 0.00	76.19 -1.39 0.00	57.62 -1.23 0.00	53.98 -1.68 0.00	48.33 -2.14 0.00	89.56 -4.74 0.00	60.83 -3.08 0.00	93.24 -4.10 0.00	63.40 -2.53 0.00	62.33 -1.98 0.00	70.94 -1.30 0.00	56.32 -0.26 0.00
PLEASANTVLY___LBMP 24000	45.67 2.34 0.00	47.11 2.28 0.00	44.24 2.37 0.00	41.13 2.18 0.00	39.62 2.01 0.00	43.49 2.01 0.00	39.99 1.80 0.00	41.11 1.95 0.00	43.84 2.10 0.00	49.82 3.00 -0.13	54.88 3.30 -3.33	74.26 4.60 -0.02	74.01 4.56 -2.48	83.40 5.35 -0.48	63.06 4.05 -0.16	60.23 4.56 0.00	54.99 4.52 0.00	102.80 8.50 0.00	69.56 5.66 0.00	105.82 8.49 0.00	70.04 4.11 0.00	67.50 3.18 0.00	75.09 2.85 0.00	58.41 1.83 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	46.44 3.12 0.00	47.87 3.04 0.00	44.92 3.06 0.00	41.76 2.80 0.00	40.23 2.62 0.00	44.08 2.60 0.00	40.56 2.37 0.00	41.74 2.58 0.00	44.61 2.87 0.00	50.86 4.05 -0.13	55.92 4.45 -3.21	75.94 6.28 -0.02	84.24 6.29 -10.98	134.96 7.33 -50.05	101.70 5.58 -37.27	87.86 6.06 -26.13	117.32 5.92 -60.94	240.75 11.07 -135.38	124.88 7.33 -53.64	111.27 10.92 -3.01	71.34 5.41 0.00	68.67 4.36 0.00	76.35 4.11 0.00	59.38 2.80 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	46.44 3.12 0.00	47.87 3.04 0.00	44.92 3.06 0.00	41.76 2.80 0.00	40.23 2.62 0.00	44.08 2.60 0.00	40.56 2.37 0.00	41.74 2.58 0.00	44.61 2.87 0.00	50.86 4.05 -0.13	55.92 4.45 -3.21	75.94 6.28 -0.02	84.24 6.29 -10.98	134.96 7.33 -50.05	101.70 5.58 -37.27	87.86 6.06 -26.13	117.32 5.92 -60.94	240.75 11.07 -135.38	124.88 7.33 -53.64	111.27 10.92 -3.01	71.34 5.41 0.00	68.67 4.36 0.00	76.35 4.11 0.00	59.38 2.80 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.10 2.78 0.00	47.49 2.66 0.00	44.55 2.69 0.00	41.41 2.45 0.00	39.89 2.28 0.00	43.77 2.29 0.00	40.28 2.09 0.00	41.51 2.35 0.00	44.30 2.55 0.00	50.33 3.52 -0.12	55.18 3.85 -3.06	75.21 5.54 -0.02	77.71 5.51 -5.23	101.72 6.63 -17.51	76.80 5.02 -12.93	70.31 5.64 -9.00	77.04 5.60 -20.98	151.60 10.70 -46.60	89.53 7.16 -18.46	109.09 10.72 -1.04	71.42 5.49 0.00	68.78 4.47 0.00	76.42 4.18 0.00	59.34 2.76 0.00
POLETTI____ 23519	46.62 3.30 0.00	48.01 3.18 0.00	45.11 3.24 0.00	41.94 2.98 0.00	40.37 2.77 0.00	44.20 2.72 0.00	40.67 2.49 0.00	41.91 2.74 0.00	44.85 3.11 0.00	51.18 4.36 -0.13	56.24 4.77 -3.22	76.30 6.63 -0.02	86.59 6.66 -12.96	146.75 7.71 -61.47	110.40 5.73 -45.82	94.06 6.24 -32.15	131.48 6.04 -74.97	272.08 11.22 -166.57	137.31 7.40 -66.00	112.12 11.08 -3.71	71.35 5.42 0.00	68.67 4.36 0.00	76.38 4.14 0.00	59.46 2.88 0.00
POMONA___ESR 323819	46.19 2.87 0.00	47.59 2.76 0.00	44.64 2.77 0.00	41.54 2.59 0.00	40.02 2.41 0.00	43.87 2.39 0.00	40.32 2.14 0.00	41.46 2.30 0.00	44.28 2.54 0.00	50.56 3.74 -0.13	55.59 4.16 -3.17	75.52 5.86 -0.02	89.43 6.01 -16.45	166.47 7.10 -81.79	125.27 5.38 -61.04	104.44 5.91 -42.87	156.19 5.76 -99.96	327.18 10.77 -222.11	159.01 7.09 -88.01	112.71 10.43 -4.95	70.92 4.99 0.00	68.29 3.98 0.00	75.99 3.75 0.00	59.12 2.54 0.00
PORT_JEFF_3 23555	46.69 3.37 0.00	48.39 3.56 0.00	45.24 3.37 0.00	41.88 2.92 0.00	40.24 2.63 0.00	43.98 2.50 0.00	40.30 2.12 0.00	41.32 2.16 0.00	44.16 2.42 0.00	50.92 4.11 -0.13	55.78 4.31 -3.22	74.56 5.60 0.68	83.14 5.85 -10.33	137.10 6.46 -53.06	105.00 5.12 -41.03	90.68 5.79 -29.22	124.82 5.71 -68.64	261.48 9.89 -157.29	149.90 6.87 -79.12	110.27 10.36 -2.58	67.70 5.17 3.40	64.68 3.71 3.34	72.02 2.91 3.13	58.11 1.80 0.27
PORT_JEFF_4 23616	46.69 3.37 0.00	48.39 3.56 0.00	45.24 3.37 0.00	41.88 2.92 0.00	40.24 2.63 0.00	43.98 2.50 0.00	40.30 2.12 0.00	41.32 2.16 0.00	44.16 2.42 0.00	50.92 4.11 -0.13	55.78 4.31 -3.22	74.56 5.60 0.68	83.14 5.85 -10.33	137.10 6.46 -53.06	105.00 5.12 -41.03	90.68 5.79 -29.22	124.82 5.71 -68.64	261.48 9.89 -157.29	149.90 6.87 -79.12	110.27 10.36 -2.58	67.70 5.17 3.40	64.68 3.71 3.34	72.02 2.91 3.13	58.11 1.80 0.27

PORT_JEFF_IC 23713	46.80 3.48 0.00	48.47 3.64 0.00	45.31 3.44 0.00	41.94 2.98 0.00	40.29 2.68 0.00	44.04 2.55 0.00	40.35 2.16 0.00	41.39 2.23 0.00	44.26 2.51 0.00	51.05 4.23 -0.13	55.94 4.47 -3.22	74.55 5.81 0.91	82.87 6.14 -9.75	135.55 6.61 -51.36	104.03 5.21 -39.97	90.00 5.89 -28.45	123.77 5.93 -67.37	261.61 10.21 -157.11	160.32 7.04 -89.37	112.35 11.14 -3.88	67.66 5.56 3.83	64.22 4.04 4.13	71.40 3.21 4.05	58.22 1.99 0.35
PPL PILGRIM_ST_GT1 24216	47.14 3.81 0.00	48.77 3.94 0.00	45.61 3.74 0.00	42.25 3.29 0.00	40.59 2.98 0.00	44.38 2.90 0.00	40.65 2.47 0.00	41.75 2.58 0.00	44.68 2.93 0.00	51.45 4.63 -0.13	56.21 4.74 -3.22	75.40 6.24 0.49	83.79 6.54 -10.27	136.46 7.13 -51.75	104.46 5.41 -40.20	90.23 5.96 -28.59	124.03 5.91 -67.66	258.73 10.48 -153.94	136.16 7.44 -64.82	109.50 11.29 -0.88	66.94 5.70 4.69	64.62 4.27 3.96	72.73 3.72 3.23	58.73 2.48 0.34
PPL PILGRIM_ST_GT2 24217	47.14 3.81 0.00	48.77 3.94 0.00	45.61 3.74 0.00	42.25 3.29 0.00	40.59 2.98 0.00	44.38 2.90 0.00	40.65 2.47 0.00	41.75 2.58 0.00	44.68 2.93 0.00	51.45 4.63 -0.13	56.21 4.74 -3.22	75.40 6.24 0.49	83.79 6.54 -10.27	136.46 7.13 -51.75	104.46 5.41 -40.20	90.23 5.96 -28.59	124.03 5.91 -67.66	258.73 10.48 -153.94	136.16 7.44 -64.82	109.50 11.29 -0.88	66.94 5.70 4.69	64.62 4.27 3.96	72.73 3.72 3.23	58.73 2.48 0.34
PPL_SHRM_GT3 24213	46.56 3.24 0.00	48.13 3.30 0.00	44.96 3.09 0.00	41.61 2.66 0.00	39.96 2.35 0.00	43.67 2.19 0.00	40.03 1.84 0.00	41.12 1.95 0.00	43.98 2.23 0.00	50.78 3.96 -0.13	55.57 4.10 -3.22	74.36 5.44 0.72	83.07 5.90 -10.21	137.21 6.94 -52.69	105.14 5.49 -40.80	90.90 6.19 -29.05	124.93 6.10 -68.37	262.09 10.57 -157.22	152.48 7.46 -81.12	111.38 11.21 -2.84	67.92 5.49 3.50	64.72 3.93 3.52	71.93 3.01 3.32	58.04 1.75 0.29
PPL_SHRM_GT4 24214	46.56 3.24 0.00	48.13 3.30 0.00	44.96 3.09 0.00	41.61 2.66 0.00	39.96 2.35 0.00	43.67 2.19 0.00	40.03 1.84 0.00	41.12 1.95 0.00	43.98 2.23 0.00	50.78 3.96 -0.13	55.57 4.10 -3.22	74.36 5.44 0.72	83.07 5.90 -10.21	137.21 6.94 -52.69	105.14 5.49 -40.80	90.90 6.19 -29.05	124.93 6.10 -68.37	262.09 10.57 -157.22	152.48 7.46 -81.12	111.38 11.21 -2.84	67.92 5.49 3.50	64.72 3.93 3.52	71.93 3.01 3.32	58.04 1.75 0.29
PROJECT___ORANGE 1 24174	43.09 -0.23 0.00	44.38 -0.45 0.00	41.49 -0.38 0.00	38.63 -0.33 0.00	37.36 -0.25 0.00	41.10 -0.38 0.00	37.74 -0.45 0.00	38.71 -0.45 0.00	41.31 -0.44 0.00	46.23 -0.46 0.00	47.96 -0.33 -0.04	69.91 -0.23 -0.49	67.10 0.05 -0.08	78.73 0.29 -0.87	60.02 0.24 -0.93	56.15 0.43 -0.05	51.14 0.67 0.00	96.35 2.05 0.00	65.88 1.36 -0.61	99.69 1.68 -0.67	66.84 0.82 -0.08	65.98 0.62 -1.05	73.47 0.29 -0.93	57.46 -0.01 -0.89
PROJECT___ORANGE 2 24166	43.09 -0.23 0.00	44.38 -0.45 0.00	41.49 -0.38 0.00	38.63 -0.33 0.00	37.36 -0.25 0.00	41.10 -0.38 0.00	37.74 -0.45 0.00	38.71 -0.45 0.00	41.31 -0.44 0.00	46.23 -0.46 0.00	47.96 -0.33 -0.04	69.91 -0.23 -0.49	67.10 0.05 -0.08	78.73 0.29 -0.87	60.02 0.24 -0.93	56.15 0.43 -0.05	51.14 0.67 0.00	96.35 2.05 0.00	65.88 1.36 -0.61	99.69 1.68 -0.67	66.84 0.82 -0.08	65.98 0.62 -1.05	73.47 0.29 -0.93	57.46 -0.01 -0.89
PUCKETT___SOLAR 323809	44.64 1.18 -0.13	46.21 0.96 -0.41	42.84 0.96 -0.02	39.85 0.90 0.00	38.57 0.97 0.00	42.27 0.79 0.00	38.72 0.54 0.00	39.71 0.54 0.00	42.16 0.41 0.00	46.94 0.25 0.00	48.55 0.29 0.00	70.58 0.93 0.00	69.47 1.33 -1.17	86.14 1.79 -6.77	64.98 1.06 -5.07	60.32 1.08 -3.57	60.28 1.49 -8.32	117.05 4.25 -18.50	74.37 3.13 -7.33	101.98 4.23 -0.41	68.32 2.39 0.00	66.35 2.04 0.00	73.78 1.54 0.00	57.67 1.09 0.00
PYRITES___HYD 24023	44.64 1.32 0.00	46.41 1.58 0.00	43.02 1.16 0.00	39.95 0.99 0.00	38.57 0.96 0.00	42.89 1.41 0.00	39.49 1.30 0.00	40.10 0.93 0.00	42.57 0.82 0.00	47.54 0.86 0.00	48.82 0.56 0.00	70.22 0.57 0.00	67.19 0.22 0.00	77.88 0.30 0.00	58.75 -0.11 0.00	54.59 -1.07 0.00	48.89 -1.58 0.00	89.23 -5.07 0.00	61.07 -2.84 0.00	95.27 -2.06 0.00	141.92 -0.02 -76.01	102.73 0.92 -37.50	74.53 2.29 0.00	58.92 2.34 0.00
QUAKERRD_115KV_BK1 80622	42.50 -0.82 0.00	43.59 -1.25 0.00	40.65 -1.21 0.00	37.84 -1.12 0.00	36.65 -0.95 0.00	40.39 -1.09 0.00	36.89 -1.29 0.00	37.85 -1.32 0.00	40.64 -1.11 0.00	45.80 -0.88 0.00	47.32 -0.94 0.00	68.78 -0.87 0.00	66.63 -0.34 0.00	77.51 -0.07 0.00	58.81 -0.04 0.00	55.64 -0.03 0.00	50.77 0.30 0.00	96.28 1.98 0.00	65.04 1.13 0.00	97.86 0.53 0.00	65.64 -0.29 0.00	63.99 -0.32 0.00	71.71 -0.53 0.00	56.28 -0.30 0.00
QUENSBRY_115KV_TB8 356137	45.46 2.13 0.00	47.02 2.18 0.00	44.21 2.34 0.00	41.08 2.12 0.00	39.63 2.03 0.00	43.78 2.30 0.00	40.24 2.05 0.00	41.10 1.93 0.00	43.14 1.40 0.00	47.74 1.23 0.18	44.91 1.05 4.40	72.09 2.47 0.02	65.39 1.78 3.36	79.35 2.42 0.64	60.63 1.99 0.21	58.45 2.79 0.00	53.43 2.97 0.00	100.97 6.67 0.00	69.01 5.11 0.00	105.94 8.61 0.00	71.61 5.67 0.00	69.12 4.81 0.00	76.70 4.46 0.00	59.37 2.79 0.00
RAMAPO___LBMP 323565	45.96 2.64 0.00	47.37 2.53 0.00	44.45 2.58 0.00	41.36 2.40 0.00	39.86 2.25 0.00	43.69 2.21 0.00	40.15 1.96 0.00	41.27 2.11 0.00	44.07 2.32 0.00	50.32 3.50 -0.13	55.33 3.91 -3.16	75.10 5.44 -0.02	89.67 5.57 -17.13	169.96 6.59 -85.79	127.86 4.98 -64.03	106.12 5.48 -44.97	160.70 5.37 -104.87	337.36 10.03 -233.03	162.87 6.63 -92.33	112.32 9.80 -5.19	70.44 4.50 0.00	67.90 3.58 0.00	75.56 3.32 0.00	58.82 2.24 0.00
RANKINE____ 23646	43.21 -0.11 0.00	44.11 -0.73 0.00	41.02 -0.85 0.00	38.14 -0.81 0.00	37.07 -0.54 0.00	40.76 -0.73 0.00	36.97 -1.22 0.00	37.91 -1.26 0.00	40.90 -0.84 0.00	46.33 -0.35 0.00	47.62 -0.63 0.00	69.52 -0.13 0.00	67.35 0.38 0.00	78.19 0.62 0.00	58.92 0.07 0.00	55.78 0.12 0.00	50.99 0.53 0.00	97.44 3.13 0.00	65.45 1.54 0.00	97.75 0.41 0.00	65.20 -0.72 0.00	64.00 -0.31 0.00	72.11 -0.13 0.00	56.95 0.37 0.00
RAVENSWOOD_GT2_1 24244	46.69 3.37 0.00	48.09 3.26 0.00	45.17 3.30 0.00	42.00 3.04 0.00	40.43 2.83 0.00	44.26 2.78 0.00	40.74 2.55 0.00	41.96 2.79 0.00	44.89 3.15 0.00	51.22 4.41 -0.13	56.29 4.81 -3.22	76.37 6.70 -0.02	86.63 6.72 -12.94	146.71 7.77 -61.37	110.41 5.81 -45.75	94.07 6.30 -32.10	131.41 6.09 -74.85	271.91 11.31 -166.30	137.29 7.49 -65.89	112.27 11.24 -3.70	71.48 5.54 0.00	68.80 4.48 0.00	76.51 4.27 0.00	59.57 2.99 0.00
RAVENSWOOD_GT2_2 24245	46.69 3.37 0.00	48.09 3.26 0.00	45.17 3.30 0.00	42.00 3.04 0.00	40.43 2.83 0.00	44.26 2.78 0.00	40.74 2.55 0.00	41.96 2.79 0.00	44.89 3.15 0.00	51.22 4.41 -0.13	56.29 4.81 -3.22	76.37 6.70 -0.02	86.63 6.72 -12.94	146.71 7.77 -61.37	110.41 5.81 -45.75	94.07 6.30 -32.10	131.41 6.09 -74.85	271.91 11.31 -166.30	137.29 7.49 -65.89	112.27 11.24 -3.70	71.48 5.54 0.00	68.80 4.48 0.00	76.51 4.27 0.00	59.57 2.99 0.00

RAVENSWOOD_GT2_3 24246	46.71 3.39 0.00	48.11 3.27 0.00	45.19 3.33 0.00	42.01 3.06 0.00	40.45 2.85 0.00	44.29 2.80 0.00	40.76 2.57 0.00	41.98 2.82 0.00	44.91 3.17 0.00	51.26 4.44 -0.13	56.32 4.85 -3.22	76.42 6.76 -0.02	86.69 6.77 -12.94	146.79 7.85 -61.37	110.45 5.85 -45.75	94.12 6.35 -32.10	131.45 6.14 -74.85	271.98 11.39 -166.30	137.34 7.54 -65.89	112.35 11.31 -3.70	71.53 5.60 0.00	68.85 4.53 0.00	76.55 4.31 0.00	59.60 3.02 0.00
RAVENSWOOD_GT2_4 24247	46.71 3.39 0.00	48.11 3.27 0.00	45.19 3.33 0.00	42.01 3.06 0.00	40.45 2.85 0.00	44.29 2.80 0.00	40.76 2.57 0.00	41.98 2.82 0.00	44.91 3.17 0.00	51.26 4.44 -0.13	56.32 4.85 -3.22	76.42 6.76 -0.02	86.69 6.77 -12.94	146.79 7.85 -61.37	110.45 5.85 -45.75	94.12 6.35 -32.10	131.45 6.14 -74.85	271.98 11.39 -166.30	137.34 7.54 -65.89	112.35 11.31 -3.70	71.53 5.60 0.00	68.85 4.53 0.00	76.55 4.31 0.00	59.60 3.02 0.00
RAVENSWOOD_GT3_1 24248	46.69 3.37 0.00	48.09 3.26 0.00	45.17 3.30 0.00	42.00 3.04 0.00	40.43 2.83 0.00	44.27 2.79 0.00	40.74 2.55 0.00	41.96 2.79 0.00	44.89 3.15 0.00	51.21 4.40 -0.13	56.27 4.80 -3.22	76.37 6.70 -0.02	86.64 6.73 -12.94	146.71 7.77 -61.37	110.41 5.81 -45.75	94.08 6.31 -32.10	131.41 6.09 -74.85	271.92 11.32 -166.30	137.29 7.49 -65.89	112.28 11.25 -3.70	71.48 5.54 0.00	68.80 4.48 0.00	76.51 4.27 0.00	59.57 2.99 0.00
RAVENSWOOD_GT3_2 24249	46.69 3.37 0.00	48.09 3.26 0.00	45.17 3.30 0.00	42.00 3.04 0.00	40.43 2.83 0.00	44.27 2.79 0.00	40.74 2.55 0.00	41.96 2.79 0.00	44.89 3.15 0.00	51.21 4.40 -0.13	56.27 4.80 -3.22	76.37 6.70 -0.02	86.64 6.73 -12.94	146.71 7.77 -61.37	110.41 5.81 -45.75	94.08 6.31 -32.10	131.41 6.09 -74.85	271.92 11.32 -166.30	137.29 7.49 -65.89	112.28 11.25 -3.70	71.48 5.54 0.00	68.80 4.48 0.00	76.51 4.27 0.00	59.57 2.99 0.00
RAVENSWOOD_GT3_3 24250	46.78 3.46 0.00	48.18 3.35 0.00	45.25 3.39 0.00	42.07 3.11 0.00	40.51 2.90 0.00	44.34 2.86 0.00	40.81 2.63 0.00	42.04 2.87 0.00	44.98 3.24 0.00	51.33 4.51 -0.13	56.39 4.92 -3.22	76.54 6.88 -0.02	86.81 6.90 -12.94	146.93 7.99 -61.37	110.56 5.96 -45.75	94.23 6.46 -32.10	131.55 6.24 -74.85	272.18 11.59 -166.30	137.46 7.66 -65.89	112.53 11.50 -3.70	71.65 5.71 0.00	68.96 4.64 0.00	76.68 4.44 0.00	59.70 3.12 0.00
RAVENSWOOD_GT3_4 24251	46.78 3.46 0.00	48.18 3.35 0.00	45.25 3.39 0.00	42.07 3.11 0.00	40.51 2.90 0.00	44.34 2.86 0.00	40.81 2.63 0.00	42.04 2.87 0.00	44.98 3.24 0.00	51.33 4.51 -0.13	56.39 4.92 -3.22	76.54 6.88 -0.02	86.81 6.90 -12.94	146.93 7.99 -61.37	110.56 5.96 -45.75	94.23 6.46 -32.10	131.55 6.24 -74.85	272.18 11.59 -166.30	137.46 7.66 -65.89	112.53 11.50 -3.70	71.65 5.71 0.00	68.96 4.64 0.00	76.68 4.44 0.00	59.70 3.12 0.00
RAVENSWOOD_GT_1 23729	46.80 3.48 0.00	48.20 3.37 0.00	45.29 3.42 0.00	42.10 3.14 0.00	40.55 2.95 0.00	44.40 2.92 0.00	40.89 2.71 0.00	42.18 3.01 0.00	45.12 3.37 0.00	51.47 4.66 -0.13	56.54 5.06 -3.22	76.59 6.92 -0.02	86.80 6.88 -12.94	146.84 7.90 -61.37	110.49 5.89 -45.75	94.13 6.36 -32.10	131.38 6.06 -74.85	271.67 11.07 -166.30	137.24 7.44 -65.89	112.24 11.21 -3.70	71.42 5.49 0.00	68.70 4.39 0.00	76.39 4.15 0.00	59.59 3.01 0.00
RAVENSWOOD_GT_10 24258	46.69 3.37 0.00	48.09 3.26 0.00	45.17 3.30 0.00	41.99 3.04 0.00	40.43 2.83 0.00	44.26 2.78 0.00	40.74 2.55 0.00	41.96 2.79 0.00	44.89 3.15 0.00	51.22 4.41 -0.13	56.28 4.81 -3.22	76.37 6.70 -0.02	86.64 6.73 -12.94	146.72 7.78 -61.37	110.42 5.82 -45.75	94.08 6.31 -32.10	131.41 6.09 -74.85	271.94 11.34 -166.30	137.30 7.50 -65.89	112.29 11.26 -3.70	71.48 5.55 0.00	68.81 4.49 0.00	76.53 4.28 0.00	59.57 2.99 0.00
RAVENSWOOD_GT_11 24259	46.69 3.37 0.00	48.09 3.26 0.00	45.17 3.30 0.00	41.99 3.04 0.00	40.43 2.83 0.00	44.26 2.78 0.00	40.74 2.55 0.00	41.96 2.79 0.00	44.89 3.15 0.00	51.22 4.41 -0.13	56.28 4.81 -3.22	76.37 6.70 -0.02	86.64 6.73 -12.94	146.72 7.78 -61.37	110.42 5.82 -45.75	94.08 6.31 -32.10	131.41 6.09 -74.85	271.94 11.34 -166.30	137.30 7.50 -65.89	112.29 11.26 -3.70	71.48 5.55 0.00	68.81 4.49 0.00	76.53 4.28 0.00	59.57 2.99 0.00
RAVENSWOOD_GT_4 24252	46.66 3.34 0.00	48.06 3.22 0.00	45.14 3.27 0.00	41.97 3.01 0.00	40.42 2.82 0.00	44.25 2.76 0.00	40.72 2.54 0.00	41.97 2.80 0.00	44.90 3.16 0.00	51.22 4.41 -0.13	56.29 4.82 -3.22	76.35 6.68 -0.02	86.63 6.71 -12.94	146.73 7.79 -61.37	110.42 5.82 -45.75	94.08 6.31 -32.10	131.43 6.12 -74.85	272.01 11.41 -166.30	137.33 7.53 -65.89	112.33 11.29 -3.70	71.51 5.58 0.00	68.84 4.53 0.00	76.56 4.32 0.00	59.58 3.00 0.00
RAVENSWOOD_GT_5 24254	46.66 3.34 0.00	48.06 3.22 0.00	45.14 3.27 0.00	41.97 3.01 0.00	40.42 2.82 0.00	44.25 2.76 0.00	40.72 2.54 0.00	41.97 2.80 0.00	44.90 3.16 0.00	51.22 4.41 -0.13	56.29 4.82 -3.22	76.35 6.68 -0.02	86.63 6.71 -12.94	146.73 7.79 -61.37	110.42 5.82 -45.75	94.08 6.31 -32.10	131.43 6.12 -74.85	272.01 11.41 -166.30	137.33 7.53 -65.89	112.33 11.29 -3.70	71.51 5.58 0.00	68.84 4.53 0.00	76.56 4.32 0.00	59.58 3.00 0.00
RAVENSWOOD_GT_6 24253	46.66 3.34 0.00	48.06 3.22 0.00	45.14 3.27 0.00	41.97 3.01 0.00	40.42 2.82 0.00	44.25 2.76 0.00	40.72 2.54 0.00	41.97 2.80 0.00	44.90 3.16 0.00	51.22 4.41 -0.13	56.29 4.82 -3.22	76.35 6.68 -0.02	86.63 6.71 -12.94	146.73 7.79 -61.37	110.42 5.82 -45.75	94.08 6.31 -32.10	131.43 6.12 -74.85	272.01 11.41 -166.30	137.33 7.53 -65.89	112.33 11.29 -3.70	71.51 5.58 0.00	68.84 4.53 0.00	76.56 4.32 0.00	59.58 3.00 0.00
RAVENSWOOD_GT_7 24255	46.66 3.34 0.00	48.06 3.22 0.00	45.14 3.27 0.00	41.97 3.01 0.00	40.42 2.82 0.00	44.25 2.76 0.00	40.72 2.54 0.00	41.97 2.80 0.00	44.90 3.16 0.00	51.22 4.41 -0.13	56.29 4.82 -3.22	76.35 6.68 -0.02	86.63 6.71 -12.94	146.73 7.79 -61.37	110.42 5.82 -45.75	94.08 6.31 -32.10	131.43 6.12 -74.85	272.01 11.41 -166.30	137.33 7.53 -65.89	112.33 11.29 -3.70	71.51 5.58 0.00	68.84 4.53 0.00	76.56 4.32 0.00	59.58 3.00 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.69 3.37 0.00	48.09 3.26 0.00	45.17 3.30 0.00	41.99 3.04 0.00	40.43 2.83 0.00	44.26 2.78 0.00	40.74 2.55 0.00	41.96 2.79 0.00	44.89 3.15 0.00	51.22 4.41 -0.13	56.28 4.81 -3.22	76.37 6.70 -0.02	86.64 6.73 -12.94	146.72 7.78 -61.37	110.42 5.82 -45.75	94.08 6.31 -32.10	131.41 6.09 -74.85	271.94 11.34 -166.30	137.30 7.50 -65.89	112.29 11.26 -3.70	71.48 5.55 0.00	68.81 4.49 0.00	76.53 4.28 0.00	59.57 2.99 0.00
RAVENSWOOD_GT_9 24257	46.69 3.37 0.00	48.09 3.26 0.00	45.17 3.30 0.00	41.99 3.04 0.00	40.43 2.83 0.00	44.26 2.78 0.00	40.74 2.55 0.00	41.96 2.79 0.00	44.89 3.15 0.00	51.22 4.41 -0.13	56.28 4.81 -3.22	76.37 6.70 -0.02	86.64 6.73 -12.94	146.72 7.78 -61.37	110.42 5.82 -45.75	94.08 6.31 -32.10	131.41 6.09 -74.85	271.94 11.34 -166.30	137.30 7.50 -65.89	112.29 11.26 -3.70	71.48 5.55 0.00	68.81 4.49 0.00	76.53 4.28 0.00	59.57 2.99 0.00

RAVENSWOOD___1 23533	46.80 3.47 0.00	48.20 3.37 0.00	45.28 3.42 0.00	42.10 3.14 0.00	40.51 2.90 0.00	44.37 2.89 0.00	40.87 2.68 0.00	42.17 3.00 -0.01	45.12 3.36 -0.01	51.47 4.64 -0.14	56.50 5.02 -3.22	76.53 6.87 -0.02	86.75 6.84 -12.94	146.79 7.85 -61.37	110.46 5.86 -45.75	94.09 6.32 -32.10	131.35 6.04 -74.85	271.63 11.04 -166.30	137.19 7.39 -65.89	112.11 11.07 -3.70	71.37 5.44 0.00	68.65 4.34 0.00	76.34 4.10 0.00	59.55 2.97 0.00
RAVENSWOOD___2 23534	46.80 3.47 0.00	48.20 3.37 0.00	45.28 3.42 0.00	42.10 3.14 0.00	40.51 2.90 0.00	44.34 2.86 0.00	40.83 2.65 0.00	42.15 2.98 -0.01	45.08 3.33 -0.01	51.45 4.62 -0.14	56.48 5.00 -3.22	76.49 6.83 -0.02	86.71 6.79 -12.94	146.74 7.80 -61.37	110.43 5.83 -45.75	94.05 6.29 -32.10	131.31 5.99 -74.85	271.56 10.96 -166.30	137.16 7.36 -65.89	112.06 11.02 -3.70	71.34 5.41 0.00	68.64 4.33 0.00	76.31 4.07 0.00	59.51 2.93 0.00
RAVENSWOOD___3 23535	46.69 3.37 0.00	48.09 3.26 0.00	45.17 3.30 0.00	42.00 3.04 0.00	40.43 2.83 0.00	44.27 2.79 0.00	40.74 2.55 0.00	41.96 2.80 0.00	44.89 3.15 0.00	51.23 4.41 -0.13	56.27 4.80 -3.22	76.37 6.70 -0.02	86.63 6.72 -12.94	146.71 7.77 -61.37	110.42 5.82 -45.75	94.07 6.31 -32.10	131.40 6.09 -74.85	271.92 11.33 -166.30	137.30 7.50 -65.89	112.18 11.15 -3.70	71.48 5.55 0.00	68.80 4.48 0.00	76.52 4.28 0.00	59.57 2.99 0.00
RAVENSWOOD___4 23820	46.80 3.47 0.00	48.20 3.37 0.00	45.28 3.42 0.00	42.10 3.14 0.00	40.51 2.90 0.00	44.34 2.86 0.00	40.83 2.65 0.00	42.15 2.98 -0.01	45.08 3.33 -0.01	51.45 4.62 -0.14	56.48 5.00 -3.22	76.49 6.83 -0.02	86.71 6.79 -12.94	146.74 7.80 -61.37	110.43 5.83 -45.75	94.05 6.29 -32.10	131.31 5.99 -74.85	271.56 10.96 -166.30	137.16 7.36 -65.89	112.06 11.02 -3.70	71.34 5.41 0.00	68.64 4.33 0.00	76.31 4.07 0.00	59.51 2.93 0.00
RCPL_TRUST___DRP 24196	46.69 3.37 0.00	48.10 3.26 0.00	45.20 3.33 0.00	42.02 3.07 0.00	40.47 2.86 0.00	44.29 2.81 0.00	40.75 2.56 0.00	41.98 2.82 0.00	44.94 3.19 0.00	51.28 4.46 -0.13	56.35 4.88 -3.22	76.48 6.82 -0.02	86.78 6.83 -12.98	147.05 7.90 -61.57	110.66 5.90 -45.90	94.29 6.41 -32.21	131.77 6.20 -75.10	272.74 11.58 -166.86	137.62 7.60 -66.12	112.46 11.41 -3.72	71.56 5.63 0.00	68.87 4.55 0.00	76.59 4.35 0.00	59.61 3.03 0.00
RED___ROCHESTER 323720	43.59 0.46 0.19	44.27 0.01 0.57	41.77 -0.08 0.02	38.89 -0.07 0.00	37.70 0.09 0.00	41.54 0.06 0.00	37.88 -0.30 0.00	38.88 -0.28 0.00	41.84 0.10 0.00	47.26 0.57 0.00	48.88 0.63 0.00	71.19 1.55 0.00	69.09 2.12 0.00	80.47 2.89 0.00	61.12 2.27 0.00	57.72 2.05 0.00	52.71 2.24 0.00	100.18 5.87 0.00	67.52 3.61 0.00	101.40 4.06 0.00	67.82 1.89 0.00	66.19 1.88 0.00	74.16 1.92 0.00	58.22 1.64 0.00
REGAN___SOLAR 323812	46.09 2.77 0.00	47.45 2.62 0.00	44.41 2.54 0.00	41.28 2.33 0.00	39.89 2.28 0.00	44.01 2.52 0.00	40.23 2.04 0.00	40.36 1.20 0.00	42.59 0.84 0.00	46.69 0.12 0.11	45.64 0.12 2.74	70.19 0.56 0.02	65.10 0.22 2.09	77.66 0.48 0.40	59.24 0.52 0.13	57.00 1.33 0.00	52.06 1.60 0.00	100.30 6.00 0.00	69.26 5.35 0.00	105.91 8.58 0.00	71.76 5.83 0.00	69.86 5.55 0.00	77.91 5.67 0.00	60.81 4.23 0.00
RENSSELAER___COGEN 23796	43.87 0.55 0.00	45.33 0.50 0.00	42.57 0.70 0.00	39.61 0.65 0.00	38.23 0.62 0.00	42.03 0.55 0.00	38.62 0.44 0.00	39.47 0.30 0.00	42.04 0.29 0.00	46.99 0.40 0.09	46.33 0.39 2.32	70.00 0.36 0.01	65.37 0.18 1.78	77.34 0.10 0.34	58.86 0.12 0.11	56.25 0.58 0.00	51.37 0.90 0.00	96.38 2.08 0.00	65.41 1.50 0.00	99.70 2.37 0.00	66.98 1.05 0.00	64.76 0.45 0.00	72.32 0.08 0.00	56.25 -0.33 0.00
REPUBLIC_115KV_BARTNBRK 55605	47.48 4.16 0.00	49.30 4.46 0.00	46.40 4.53 0.00	42.95 3.99 0.00	41.49 3.88 0.00	46.00 4.52 0.00	42.36 4.17 0.00	43.01 3.84 0.00	44.46 2.71 0.00	48.30 1.79 0.18	46.10 2.24 4.40	75.15 5.53 0.02	67.14 3.54 3.36	81.95 5.02 0.64	62.68 4.04 0.21	61.24 5.57 0.00	55.78 5.32 0.00	104.57 10.27 0.00	70.98 7.08 0.00	110.48 13.15 0.00	75.52 9.59 0.00	73.03 8.71 0.00	80.66 8.42 0.00	61.83 5.25 0.00
REVERE_CPPR_DRP 24186	45.01 1.69 0.00	46.43 1.59 0.00	43.38 1.51 0.00	40.37 1.42 0.00	39.06 1.45 0.00	43.07 1.59 0.00	39.52 1.33 0.00	40.27 1.10 0.00	42.81 1.06 0.00	47.88 1.19 0.00	49.47 1.21 0.00	71.58 1.94 0.00	68.90 1.93 0.00	80.14 2.56 0.00	60.86 2.01 0.00	57.83 2.17 0.00	52.99 2.53 0.00	100.26 5.95 0.00	68.27 4.36 0.00	104.04 6.71 0.00	76.40 4.46 -6.01	71.48 4.21 -2.96	76.33 4.09 0.00	59.30 2.72 0.00
REYNLDPA_13_KV_LD 356490	43.52 0.20 0.00	45.19 0.36 0.00	41.97 0.10 0.00	38.92 -0.04 0.00	37.56 -0.05 0.00	41.68 0.20 0.00	38.45 0.26 0.00	39.45 0.29 0.00	42.20 0.46 0.00	47.25 0.57 0.00	48.56 0.30 0.00	69.94 0.29 0.00	67.09 0.13 0.00	77.72 0.14 0.00	58.90 0.05 0.00	55.05 -0.62 0.00	49.43 -1.04 0.00	91.17 -3.14 0.00	61.28 -2.63 0.00	94.41 -2.92 0.00	52.57 -1.99 11.37	57.67 -1.04 5.61	71.95 -0.29 0.00	56.92 0.34 0.00
REYNOLDS_115KV_TB3 80639	44.14 0.82 0.00	45.63 0.80 0.00	42.86 0.99 0.00	39.87 0.91 0.00	38.47 0.86 0.00	42.31 0.82 0.00	38.85 0.66 0.00	39.68 0.51 0.00	42.25 0.51 0.00	47.25 0.69 0.12	46.12 0.73 2.86	70.57 0.94 0.02	65.59 0.82 2.20	78.06 0.90 0.42	59.45 0.74 0.14	56.85 1.19 0.00	51.88 1.42 0.00	97.47 3.17 0.00	66.11 2.20 0.00	100.83 3.50 0.00	67.72 1.78 0.00	65.41 1.10 0.00	73.07 0.82 0.00	56.77 0.19 0.00
RIVERBAY____ 323610	48.31 4.99 0.00	49.72 4.88 0.00	46.70 4.84 0.00	43.42 4.47 0.00	41.81 4.21 0.00	45.75 4.27 0.00	42.17 3.98 0.00	43.43 4.26 0.00	46.43 4.68 0.00	52.91 6.09 -0.13	57.90 6.43 -3.22	78.62 8.96 -0.02	88.80 8.89 -12.94	149.32 10.37 -61.37	112.46 7.86 -45.75	96.00 8.24 -32.10	133.11 7.79 -74.85	275.02 14.42 -166.30	139.44 9.64 -65.89	115.59 14.55 -3.70	73.67 7.74 0.00	70.98 6.67 0.00	78.88 6.64 0.00	61.52 4.94 0.00
RIVERSDE_115KV_TB3 55908	44.06 0.73 0.00	45.53 0.70 0.00	42.75 0.88 0.00	39.78 0.82 0.00	38.38 0.77 0.00	42.21 0.73 0.00	38.78 0.59 0.00	39.63 0.47 0.00	42.20 0.46 0.00	47.19 0.61 0.11	46.24 0.66 2.67	70.46 0.82 0.01	65.62 0.70 2.05	77.96 0.78 0.39	59.38 0.66 0.13	56.78 1.11 0.00	51.84 1.37 0.00	97.37 3.07 0.00	66.01 2.10 0.00	100.65 3.31 0.00	67.59 1.66 0.00	65.33 1.02 0.00	72.94 0.70 0.00	56.70 0.12 0.00
ROARING___BROOK_WT_PWR 323790	43.33 0.01 0.00	44.84 0.01 0.00	41.86 -0.01 0.00	38.93 -0.03 0.00	37.57 -0.04 0.00	41.49 0.01 0.00	38.20 0.01 0.00	39.16 -0.01 0.00	41.73 -0.01 0.00	46.68 -0.01 0.00	48.21 -0.04 0.00	69.54 -0.10 0.00	66.80 -0.17 0.00	77.38 -0.20 0.00	58.59 -0.27 0.00	55.22 -0.44 0.00	49.99 -0.48 0.00	93.08 -1.22 0.00	63.09 -0.82 0.00	96.40 -0.94 0.00	65.22 -0.71 0.00	63.58 -0.73 0.00	71.51 -0.72 0.00	56.23 -0.35 0.00

ROCHESRG_115KV_T4 355643	43.26 -0.06 0.00	44.33 -0.50 0.00	41.33 -0.54 0.00	38.47 -0.49 0.00	37.29 -0.32 0.00	41.08 -0.40 0.00	37.45 -0.73 0.00	38.41 -0.76 0.00	41.28 -0.46 0.00	46.59 -0.10 0.00	48.05 -0.21 0.00	69.91 0.26 0.00	67.74 0.77 0.00	78.81 1.24 0.00	59.77 0.92 0.00	56.52 0.85 0.00	51.58 1.11 0.00	97.99 3.69 0.00	66.13 2.22 0.00	99.34 2.01 0.00	66.57 0.64 0.00	64.99 0.67 0.00	72.91 0.67 0.00	57.32 0.73 0.00
ROCHESTER_9_IC 23652	43.53 0.21 0.00	44.60 -0.23 0.00	41.57 -0.30 0.00	38.69 -0.27 0.00	37.50 -0.10 0.00	41.33 -0.15 0.00	37.69 -0.50 0.00	38.67 -0.50 0.00	41.57 -0.17 0.00	46.94 0.25 0.00	48.47 0.21 0.00	70.57 0.92 0.00	68.42 1.45 0.00	79.67 2.09 0.00	60.47 1.62 0.00	57.14 1.47 0.00	52.16 1.70 0.00	99.13 4.82 0.00	66.83 2.93 0.00	100.33 2.99 0.00	67.21 1.28 0.00	65.61 1.29 0.00	73.56 1.31 0.00	57.78 1.20 0.00
ROCKVIEW_13_KV_LD 356306	46.70 3.38 0.00	48.10 3.27 0.00	45.14 3.27 0.00	41.99 3.03 0.00	40.44 2.83 0.00	44.29 2.81 0.00	40.72 2.53 0.00	41.92 2.75 0.00	44.83 3.08 0.00	51.14 4.33 -0.13	56.23 4.76 -3.22	76.40 6.74 -0.02	86.67 6.75 -12.95	146.78 7.79 -61.42	110.59 5.95 -45.79	94.27 6.47 -32.13	131.66 6.28 -74.91	272.47 11.73 -166.44	137.62 7.77 -65.95	112.64 11.59 -3.71	71.74 5.81 0.00	69.07 4.76 0.00	76.76 4.52 0.00	59.69 3.11 0.00
ROME____115KV_TB2 80656	45.01 1.69 0.00	46.43 1.59 0.00	43.38 1.51 0.00	40.37 1.42 0.00	39.06 1.45 0.00	43.07 1.59 0.00	39.52 1.33 0.00	40.27 1.10 0.00	42.81 1.06 0.00	47.88 1.19 0.00	49.47 1.21 0.00	71.58 1.94 0.00	68.90 1.93 0.00	80.14 2.56 0.00	60.86 2.01 0.00	57.83 2.17 0.00	52.99 2.53 0.00	100.26 5.95 0.00	68.27 4.36 0.00	104.04 6.71 0.00	76.40 4.46 -6.01	71.48 4.21 -2.96	76.33 4.09 0.00	59.30 2.72 0.00
ROSETON___1 23587	45.62 2.30 0.00	47.09 2.25 0.00	44.21 2.34 0.00	41.11 2.15 0.00	39.61 2.00 0.00	43.46 1.98 0.00	39.94 1.76 0.00	41.06 1.90 0.00	43.81 2.06 0.00	49.86 3.05 -0.12	54.66 3.35 -3.05	74.31 4.65 -0.02	70.70 5.38 0.86	65.39 4.09 17.56	49.61 4.59 13.33	50.78 4.59 9.48	32.93 4.58 22.11	53.70 8.60 49.20	50.10 5.69 19.49	104.64 8.40 1.10	69.87 3.93 0.00	67.36 3.05 0.00	75.01 2.76 0.00	58.40 1.81 0.00
ROSETON___2 23588	45.62 2.30 0.00	47.09 2.25 0.00	44.21 2.34 0.00	41.11 2.15 0.00	39.61 2.00 0.00	43.46 1.98 0.00	39.94 1.76 0.00	41.06 1.90 0.00	43.81 2.06 0.00	49.86 3.05 -0.12	54.66 3.35 -3.05	74.31 4.65 -0.02	70.70 5.38 0.86	65.39 4.09 17.56	49.61 4.59 13.33	50.78 4.59 9.48	32.93 4.58 22.11	53.70 8.60 49.20	50.10 5.69 19.49	104.64 8.40 1.10	69.87 3.93 0.00	67.36 3.05 0.00	75.01 2.76 0.00	58.40 1.81 0.00
ROTRRDAM_115KV_TB3 80664	44.56 1.24 0.00	46.05 1.22 0.00	43.21 1.34 0.00	40.19 1.23 0.00	38.78 1.17 0.00	42.70 1.22 0.00	39.17 0.98 0.00	40.05 0.88 0.00	42.56 0.81 0.12	47.56 0.99 3.05	46.24 1.03 3.05	71.22 1.59 0.02	66.15 1.51 2.33	78.91 1.77 0.45	60.11 1.40 0.15	57.41 1.75 0.00	52.34 1.88 0.00	98.37 4.07 0.00	66.83 2.92 0.00	101.91 4.58 0.00	68.61 2.68 0.00	66.50 2.19 0.00	74.29 2.06 0.00	57.89 1.31 0.00
RUSSELL___1 23602	43.78 0.46 0.00	44.85 0.02 0.00	41.79 -0.08 0.00	38.89 -0.07 0.00	37.69 0.09 0.00	41.54 0.06 0.00	37.88 -0.30 0.00	38.88 -0.28 0.00	41.83 0.09 0.00	47.26 0.57 0.00	48.84 0.59 0.00	71.17 1.53 0.00	69.09 2.12 0.00	80.46 2.88 0.00	61.12 2.27 0.00	57.72 2.05 0.00	52.71 2.24 0.00	100.16 5.86 0.00	67.51 3.60 0.00	101.28 3.94 0.00	67.81 1.88 0.00	66.19 1.88 0.00	74.15 1.91 0.00	58.22 1.64 0.00
RUSSELL___2 23532	43.78 0.46 0.00	44.85 0.02 0.00	41.79 -0.08 0.00	38.89 -0.07 0.00	37.69 0.09 0.00	41.54 0.06 0.00	37.88 -0.30 0.00	38.88 -0.28 0.00	41.83 0.09 0.00	47.26 0.57 0.00	48.84 0.59 0.00	71.17 1.53 0.00	69.09 2.12 0.00	80.46 2.88 0.00	61.12 2.27 0.00	57.72 2.05 0.00	52.71 2.24 0.00	100.16 5.86 0.00	67.51 3.60 0.00	101.28 3.94 0.00	67.81 1.88 0.00	66.19 1.88 0.00	74.15 1.91 0.00	58.22 1.64 0.00
RUSSELL___3 23549	43.78 0.46 0.00	44.85 0.02 0.00	41.79 -0.08 0.00	38.89 -0.07 0.00	37.69 0.09 0.00	41.54 0.06 0.00	37.88 -0.30 0.00	38.88 -0.28 0.00	41.83 0.09 0.00	47.26 0.57 0.00	48.84 0.59 0.00	71.17 1.53 0.00	69.09 2.12 0.00	80.46 2.88 0.00	61.12 2.27 0.00	57.72 2.05 0.00	52.71 2.24 0.00	100.16 5.86 0.00	67.51 3.60 0.00	101.28 3.94 0.00	67.81 1.88 0.00	66.19 1.88 0.00	74.15 1.91 0.00	58.22 1.64 0.00
RUSSELL___4 23556	43.78 0.46 0.00	44.85 0.02 0.00	41.79 -0.08 0.00	38.89 -0.07 0.00	37.69 0.09 0.00	41.54 0.06 0.00	37.88 -0.30 0.00	38.88 -0.28 0.00	41.83 0.09 0.00	47.26 0.57 0.00	48.84 0.59 0.00	71.17 1.53 0.00	69.09 2.12 0.00	80.46 2.88 0.00	61.12 2.27 0.00	57.72 2.05 0.00	52.71 2.24 0.00	100.16 5.86 0.00	67.51 3.60 0.00	101.28 3.94 0.00	67.81 1.88 0.00	66.19 1.88 0.00	74.15 1.91 0.00	58.22 1.64 0.00
RUSSELL___STATION 23914	43.78 0.46 0.00	44.85 0.02 0.00	41.79 -0.08 0.00	38.89 -0.07 0.00	37.69 0.09 0.00	41.54 0.06 0.00	37.88 -0.30 0.00	38.88 -0.28 0.00	41.83 0.09 0.00	47.26 0.57 0.00	48.84 0.59 0.00	71.17 1.53 0.00	69.09 2.12 0.00	80.46 2.88 0.00	61.12 2.27 0.00	57.72 2.05 0.00	52.71 2.24 0.00	100.16 5.86 0.00	67.51 3.60 0.00	101.28 3.94 0.00	67.81 1.88 0.00	66.19 1.88 0.00	74.15 1.91 0.00	58.22 1.64 0.00
S SALMON___HYD 24043	43.54 0.22 0.00	44.82 -0.02 0.00	41.93 0.06 0.00	39.04 0.08 0.00	37.75 0.14 0.00	41.58 0.11 0.00	38.16 -0.03 0.00	38.95 -0.22 0.00	41.44 -0.30 0.00	46.40 -0.29 0.00	48.15 -0.35 -0.25	72.46 -0.52 -3.33	67.14 -0.38 -0.56	83.24 -0.30 -5.96	64.88 -0.34 -6.37	55.66 -0.32 -0.31	50.59 0.12 0.00	95.30 1.00 0.00	69.37 1.26 -4.19	103.93 1.99 -4.60	74.94 1.42 -7.59	76.21 1.25 -10.65	79.77 1.16 -6.37	63.31 0.62 -6.10
S.PERRY__115KV_TB1 80734	45.25 1.92 0.00	46.25 1.42 0.00	43.00 1.14 0.00	39.99 1.03 0.00	38.82 1.21 0.00	42.69 1.21 0.00	38.99 0.81 0.00	39.67 0.50 0.00	41.94 0.19 0.00	46.34 -0.35 0.00	47.46 -0.80 0.00	69.40 -0.25 0.00	67.88 0.91 0.00	78.66 1.08 0.00	59.41 0.55 0.00	56.41 0.74 0.00	51.93 1.47 0.00	99.86 5.56 0.00	67.57 3.67 0.00	101.24 3.91 0.00	67.72 1.79 0.00	66.10 1.78 0.00	73.77 1.53 0.00	57.67 1.09 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	42.90 -0.42 0.00	43.80 -1.04 0.00	40.74 -1.13 0.00	37.90 -1.06 0.00	36.83 -0.77 0.00	40.52 -0.96 0.00	36.71 -1.47 0.00	37.60 -1.57 0.00	40.60 -1.15 0.00	46.02 -0.67 0.00	47.19 -1.06 0.00	68.81 -0.83 0.00	66.67 -0.30 0.00	77.36 -0.21 0.00	58.35 -0.50 0.00	55.23 -0.43 0.00	50.45 -0.01 0.00	96.39 2.09 0.00	64.89 0.98 0.00	96.85 -0.48 0.00	64.69 -1.24 0.00	63.49 -0.83 0.00	71.59 -0.65 0.00	56.65 0.07 0.00

SAWYER___23_KV_LOAD 55526	42.90 -0.42 0.00	43.80 -1.04 0.00	40.74 -1.13 0.00	37.90 -1.06 0.00	36.83 -0.77 0.00	40.52 -0.96 0.00	36.71 -1.47 0.00	37.60 -1.57 0.00	40.60 -1.15 0.00	46.02 -0.67 0.00	47.19 -1.06 0.00	68.81 -0.83 0.00	66.67 -0.30 0.00	77.36 -0.21 0.00	58.35 -0.50 0.00	55.23 -0.43 0.00	50.45 -0.01 0.00	96.39 2.09 0.00	64.89 0.98 0.00	96.85 -0.48 0.00	64.69 -1.24 0.00	63.49 -0.83 0.00	71.59 -0.65 0.00	56.65 0.07 0.00
SELKIRK___I 23801	44.29 0.97 0.00	45.80 0.97 0.00	43.03 1.16 0.00	40.06 1.10 0.00	38.66 1.05 0.00	42.50 1.02 0.00	38.96 0.77 0.00	39.68 0.51 0.00	42.16 0.41 0.00	47.05 0.41 0.05	47.43 0.42 1.24	70.12 0.48 0.01	66.09 0.09 0.97	64.80 -0.87 11.90	32.94 -0.86 25.06	51.65 -0.45 3.57	43.70 -0.07 6.70	87.22 0.49 7.57	64.46 0.55 0.00	98.35 1.02 0.00	66.24 0.31 0.00	64.18 -0.13 0.00	71.74 -0.50 0.00	55.84 -0.74 0.00
SELKIRK___II 23799	44.09 0.77 0.00	45.57 0.73 0.00	42.79 0.92 0.00	39.82 0.86 0.00	38.42 0.81 0.00	42.24 0.76 0.00	38.77 0.58 0.00	39.64 0.47 0.00	42.22 0.47 0.00	47.26 0.63 0.06	47.33 0.61 1.54	70.20 0.56 0.01	66.02 0.25 1.20	35.09 0.07 42.56	-31.49 -0.06 90.40	43.24 0.47 12.89	27.00 0.74 24.21	68.64 1.68 27.35	65.11 1.21 0.00	99.24 1.90 0.00	66.69 0.76 0.00	64.59 0.27 0.00	72.17 -0.07 0.00	56.17 -0.41 0.00
SENECA OSWGO___HYD 24041	42.63 -0.69 0.00	43.83 -1.00 0.00	41.05 -0.82 0.00	38.23 -0.72 0.00	36.96 -0.65 0.00	40.64 -0.85 0.00	37.37 -0.81 0.00	38.32 -0.84 0.00	40.83 -0.92 0.00	45.71 -0.97 0.00	47.78 -0.86 -0.38	73.64 -1.13 -5.13	66.94 -0.89 -0.86	85.91 -0.60 -9.19	68.08 -0.42 -9.82	55.73 -0.42 -0.48	50.38 -0.09 0.00	94.83 0.53 0.00	70.80 0.43 -6.46	104.82 0.40 -7.09	66.80 -0.02 -0.89	75.20 -0.20 -11.08	81.46 -0.60 -9.82	65.32 -0.66 -9.40
SENECA___115KV_TB3 355854	43.29 -0.03 0.00	44.19 -0.65 0.00	41.08 -0.79 0.00	38.21 -0.75 0.00	37.13 -0.47 0.00	40.83 -0.65 0.00	37.03 -1.16 0.00	37.97 -1.20 0.00	40.98 -0.76 0.00	46.43 -0.26 0.00	47.72 -0.53 0.00	69.69 0.04 0.00	67.50 0.53 0.00	78.39 0.82 0.00	59.06 0.21 0.00	55.91 0.25 0.00	51.11 0.64 0.00	97.66 3.36 0.00	65.59 1.69 0.00	97.95 0.62 0.00	65.35 -0.58 0.00	64.15 -0.16 0.00	72.26 0.02 0.00	57.07 0.49 0.00
SENECA___ENERGY 23797	43.42 0.10 0.00	44.66 -0.17 0.00	41.71 -0.16 0.00	38.81 -0.15 0.00	37.54 -0.06 0.00	41.34 -0.14 0.00	37.88 -0.30 0.00	38.90 -0.27 0.00	41.50 -0.25 0.00	46.49 -0.20 0.00	48.29 -0.07 -0.11	71.28 0.21 -1.42	67.94 0.73 -0.24	81.48 1.36 -2.55	62.50 0.92 -2.72	56.80 1.00 -0.13	51.74 1.27 0.00	98.23 3.93 0.00	68.30 2.60 -1.79	102.53 3.23 -1.97	67.73 1.55 -0.25	68.61 1.22 -3.08	75.84 0.88 -2.72	59.69 0.49 -2.61
SHOEMAKER___GT 23640	45.63 2.31 0.00	47.05 2.22 0.00	44.15 2.28 0.00	41.06 2.10 0.00	39.58 1.97 0.00	43.44 1.95 0.00	39.89 1.70 0.00	40.98 1.81 0.00	43.69 1.95 -0.13	50.06 3.25 -3.12	54.98 3.61 -0.02	74.63 4.97 -19.13	91.29 5.19 -97.56	181.15 6.01 -97.84	136.24 4.54 -72.85	111.75 4.90 -51.18	174.71 4.89 -119.35	368.95 9.42 -265.22	175.41 6.42 -105.09	112.48 9.24 -5.91	69.92 3.99 0.00	67.69 3.38 0.00	75.36 3.12 0.00	58.64 2.05 0.00
SHOEMAKR_138KV_BK 111 55601	45.61 2.29 0.00	47.04 2.21 0.00	44.14 2.27 0.00	41.06 2.10 0.00	39.58 1.97 0.00	43.42 1.94 0.00	39.88 1.69 0.00	40.97 1.81 0.00	43.71 1.97 0.00	50.08 3.27 -0.13	55.02 3.64 -3.11	74.70 5.04 -0.02	91.54 5.22 -19.35	182.49 6.07 -98.84	137.26 4.59 -73.81	112.54 5.02 -51.86	176.39 5.00 -120.92	372.56 9.54 -268.72	176.83 6.45 -106.48	112.72 9.41 -5.98	69.94 4.01 0.00	67.65 3.33 0.00	75.30 3.06 0.00	58.60 2.02 0.00
SHOREHAM_IC_1 23715	46.56 3.24 0.00	48.13 3.30 0.00	44.96 3.09 0.00	41.61 2.66 0.00	39.96 2.35 0.00	43.67 2.19 0.00	40.03 1.84 0.00	41.12 1.95 0.00	43.98 2.23 0.00	50.78 3.96 -0.13	55.57 4.10 -3.22	74.36 5.44 0.72	83.07 5.90 -10.21	137.21 6.94 -52.69	105.14 5.49 -40.80	90.90 6.19 -29.05	124.93 6.10 -68.37	262.09 10.57 -157.22	152.48 7.46 -81.12	111.38 11.21 -2.84	67.92 5.49 3.50	64.72 3.93 3.52	71.93 3.01 3.32	58.04 1.75 0.29
SHOREHAM_IC_2 23716	46.56 3.24 0.00	48.14 3.31 0.00	44.96 3.09 0.00	41.61 2.65 0.00	39.96 2.35 0.00	43.67 2.19 0.00	40.03 1.84 0.00	41.12 1.95 0.00	43.98 2.23 0.00	50.77 3.96 -0.13	55.61 4.14 -3.22	74.36 5.44 0.72	83.08 5.91 -10.21	137.26 6.99 -52.69	105.16 5.51 -40.80	90.90 6.19 -29.05	125.03 6.20 -68.37	262.20 10.68 -157.22	152.53 7.50 -81.12	111.96 11.79 -2.84	67.99 5.57 3.50	64.74 3.94 3.52	71.92 3.01 3.32	58.04 1.75 0.29
SISSONVILLE____ 23735	44.02 0.70 0.00	45.73 0.90 0.00	42.43 0.57 0.00	39.35 0.39 0.00	38.00 0.39 0.00	42.21 0.73 0.00	38.91 0.72 0.00	39.70 0.54 0.00	42.36 0.62 0.00	47.40 0.72 0.00	48.68 0.42 0.00	70.03 0.39 0.00	67.03 0.06 0.00	77.66 0.08 0.00	58.50 -0.35 0.00	54.33 -1.34 0.00	48.68 -1.79 0.00	88.63 -5.67 0.00	60.44 -3.47 0.00	93.13 -4.20 0.00	135.85 -1.65 -71.57	98.99 -0.64 -35.31	72.99 0.75 0.00	57.80 1.22 0.00
SITHE_IND_GS1 24169	42.13 -1.19 0.00	43.41 -1.43 0.00	40.62 -1.25 0.00	37.84 -1.12 0.00	36.57 -1.04 0.00	40.24 -1.24 0.00	36.98 -1.21 0.00	37.92 -1.25 0.00	40.43 -1.32 0.00	45.24 -1.45 0.00	45.50 -1.42 1.34	49.75 -1.93 17.97	62.27 -1.67 3.02	43.56 -1.82 32.19	23.07 -1.38 34.41	52.80 -1.20 1.67	49.55 -0.91 0.00	93.15 -1.15 0.00	40.49 -0.77 22.64	71.10 -1.41 24.82	61.64 -1.19 3.10	24.22 -1.29 38.81	36.19 -1.67 34.38	22.27 -1.40 32.92
SITHE_IND_GS2 24170	42.13 -1.19 0.00	43.41 -1.43 0.00	40.62 -1.25 0.00	37.84 -1.12 0.00	36.57 -1.04 0.00	40.24 -1.24 0.00	36.98 -1.21 0.00	37.92 -1.25 0.00	40.43 -1.32 0.00	45.24 -1.45 0.00	45.50 -1.42 1.34	49.75 -1.93 17.97	62.27 -1.67 3.02	43.56 -1.82 32.19	23.07 -1.38 34.41	52.80 -1.20 1.67	49.55 -0.91 0.00	93.15 -1.15 0.00	40.49 -0.77 22.64	71.10 -1.41 24.82	61.64 -1.19 3.10	24.22 -1.29 38.81	36.19 -1.67 34.38	22.27 -1.40 32.92
SITHE_IND_GS3 24171	42.13 -1.19 0.00	43.41 -1.43 0.00	40.62 -1.25 0.00	37.84 -1.12 0.00	36.57 -1.04 0.00	40.24 -1.24 0.00	36.98 -1.21 0.00	37.92 -1.25 0.00	40.43 -1.32 0.00	45.24 -1.45 0.00	45.50 -1.42 1.34	49.75 -1.93 17.97	62.27 -1.67 3.02	43.56 -1.82 32.19	23.07 -1.38 34.41	52.80 -1.20 1.67	49.55 -0.91 0.00	93.15 -1.15 0.00	40.49 -0.77 22.64	71.10 -1.41 24.82	61.64 -1.19 3.10	24.22 -1.29 38.81	36.19 -1.67 34.38	22.27 -1.40 32.92
SITHE_IND_GS4 24172	42.13 -1.19 0.00	43.41 -1.43 0.00	40.62 -1.25 0.00	37.84 -1.12 0.00	36.57 -1.04 0.00	40.24 -1.24 0.00	36.98 -1.21 0.00	37.92 -1.25 0.00	40.43 -1.32 0.00	45.24 -1.45 0.00	45.50 -1.42 1.34	49.75 -1.93 17.97	62.27 -1.67 3.02	43.56 -1.82 32.19	23.07 -1.38 34.41	52.80 -1.20 1.67	49.55 -0.91 0.00	93.15 -1.15 0.00	40.49 -0.77 22.64	71.10 -1.41 24.82	61.64 -1.19 3.10	24.22 -1.29 38.81	36.19 -1.67 34.38	22.27 -1.40 32.92

SITHE___BATAVIA 24024	43.94 0.90 0.28	44.29 0.32 0.86	42.00 0.17 0.03	39.09 0.13 0.00	37.99 0.38 0.00	41.87 0.39 0.00	38.05 -0.13 0.00	38.93 -0.23 0.00	41.88 0.13 0.00	47.26 0.57 0.00	48.58 0.32 0.00	70.86 1.21 0.00	68.89 1.92 0.00	80.49 2.92 0.00	61.36 2.51 0.00	57.84 2.17 0.00	52.92 2.45 0.00	101.08 6.78 0.00	68.22 4.32 0.00	101.96 4.63 0.00	68.00 2.06 0.00	66.52 2.20 0.00	74.73 2.49 0.00	58.93 2.35 0.00
SITHE___INDEPEND 23800	42.13 -1.19 0.00	43.41 -1.43 0.00	40.62 -1.25 0.00	37.84 -1.12 0.00	36.57 -1.04 0.00	40.24 -1.24 0.00	36.98 -1.20 0.00	37.92 -1.25 0.00	40.42 -1.32 0.00	45.24 -1.45 0.00	45.49 -1.43 1.34	49.75 -1.93 17.97	62.27 -1.67 3.02	43.56 -1.82 32.19	23.07 -1.38 34.41	52.80 -1.20 1.67	49.55 -0.91 0.00	93.14 -1.16 0.00	40.49 -0.78 22.64	71.08 -1.43 24.82	61.63 -1.20 3.10	24.22 -1.29 38.81	36.19 -1.67 34.38	22.26 -1.40 32.92
SITHE___MASSENA 23902	43.62 0.30 0.00	45.33 0.50 0.00	42.09 0.22 0.00	39.04 0.08 0.00	37.67 0.07 0.00	41.81 0.33 0.00	38.56 0.37 0.00	39.54 0.37 0.00	42.25 0.51 0.00	47.27 0.59 0.00	48.58 0.32 0.00	69.95 0.31 0.00	67.01 0.05 0.00	77.64 0.06 0.00	58.79 -0.06 0.00	54.89 -0.77 0.00	49.26 -1.20 0.00	90.34 -3.96 0.00	61.25 -2.65 0.00	93.83 -3.51 0.00	169.54 -1.50 -105.11	115.26 -0.91 -51.86	72.18 -0.06 0.00	57.07 0.49 0.00
SITHE___OGDNSBRG 24021	44.43 1.11 0.00	46.21 1.37 0.00	42.84 0.97 0.00	39.75 0.79 0.00	38.38 0.77 0.00	42.67 1.19 0.00	39.29 1.10 0.00	39.95 0.79 0.00	42.49 0.74 0.00	47.49 0.81 0.00	48.77 0.51 0.00	70.17 0.52 0.00	67.17 0.20 0.00	77.82 0.24 0.00	58.81 -0.04 0.00	54.70 -0.96 0.00	49.00 -1.46 0.00	89.59 -4.71 0.00	61.11 -2.79 0.00	95.24 -2.10 0.00	150.39 -0.13 -84.60	106.75 0.70 -41.74	74.18 1.93 0.00	58.64 2.06 0.00
SITHE___STERLING 23777	44.56 1.24 0.00	45.94 1.11 0.00	42.95 1.08 0.00	39.96 1.00 0.00	38.65 1.04 0.00	42.58 1.10 0.00	39.09 0.91 0.00	39.91 0.75 0.00	42.42 0.67 0.00	47.45 0.76 0.00	49.05 0.80 0.00	70.99 1.34 0.00	68.43 1.46 0.00	79.57 1.99 0.00	60.41 1.56 0.00	57.37 1.70 0.00	52.50 2.04 0.00	99.18 4.87 0.00	67.39 3.49 0.00	102.66 5.33 0.00	73.36 3.43 -4.00	69.43 3.15 -1.97	75.24 3.00 0.00	58.49 1.91 0.00
SLEIGHT__34_KV_TB1 80719	43.22 -0.10 0.00	44.38 -0.45 0.00	41.40 -0.47 0.00	38.54 -0.42 0.00	37.30 -0.31 0.00	41.12 -0.36 0.00	37.59 -0.60 0.00	38.54 -0.62 0.00	41.24 -0.50 0.00	46.39 -0.30 0.00	48.07 -0.24 -0.05	70.49 0.13 -0.72	67.74 0.65 -0.12	80.10 1.24 -1.28	61.22 1.00 -1.37	56.82 1.09 -0.07	51.74 1.28 0.00	98.22 3.92 0.00	67.33 2.52 -0.90	101.25 2.93 -0.99	67.39 1.33 -0.12	66.95 1.09 -1.55	74.53 0.91 -1.37	58.63 0.73 -1.32
SMITHTWN_69_KV_BK 1 55830	47.04 3.72 0.00	48.68 3.85 0.00	45.49 3.62 0.00	42.12 3.16 0.00	40.45 2.85 0.00	44.22 2.74 0.00	40.50 2.32 0.00	41.58 2.42 0.00	44.51 2.76 0.00	51.34 4.52 -0.13	56.19 4.72 -3.22	74.37 6.19 1.47	82.05 6.70 -8.38	132.52 7.56 -47.39	102.27 5.91 -37.50	88.91 6.58 -26.66	121.46 6.59 -64.41	262.73 11.56 -156.87	186.50 7.91 -114.68	116.77 12.37 -7.06	67.27 6.11 4.78	62.92 4.57 5.95	69.79 3.78 6.23	58.43 2.38 0.53
SOUTH CAIRO___GT 23612	45.51 2.19 0.00	46.94 2.11 0.00	44.04 2.17 0.00	40.96 2.01 0.00	39.54 1.93 0.00	43.54 2.06 0.00	39.98 1.79 0.00	40.77 1.60 0.00	43.19 1.44 0.00	47.84 1.18 0.03	48.64 1.14 0.75	71.30 1.65 0.00	68.96 1.48 -0.51	70.42 1.43 8.59	32.95 1.14 27.04	56.03 1.51 1.15	52.15 2.30 0.62	107.61 5.36 -7.94	75.24 4.37 -6.97	104.65 6.92 -0.39	70.41 4.48 0.00	68.11 3.79 0.00	75.74 3.50 0.00	58.68 2.10 0.00
SOUTH HAMPTN___IC 23720	47.54 4.22 0.00	49.11 4.27 0.00	45.84 3.97 0.00	42.41 3.45 0.00	40.72 3.12 0.00	44.48 2.99 0.00	40.79 2.60 0.00	41.97 2.81 0.00	44.99 3.25 0.00	52.05 5.23 -0.13	56.87 5.40 -3.22	76.36 7.37 0.65	85.19 7.84 -10.38	139.97 9.18 -53.21	107.07 7.10 -41.12	92.67 7.72 -29.28	126.76 7.54 -68.75	264.62 13.03 -157.29	151.13 9.18 -78.05	113.53 13.75 -2.44	69.75 7.18 3.37	66.39 5.35 3.28	73.76 4.57 3.05	59.31 3.00 0.27
SOUTHDOW_115KV_TB1 355954	44.66 1.34 0.00	45.44 0.61 0.00	42.13 0.26 0.00	39.18 0.22 0.00	38.06 0.45 0.00	41.79 0.31 0.00	38.19 0.01 0.00	39.99 0.83 0.00	43.04 1.29 0.00	48.53 1.84 0.00	50.25 1.99 0.00	73.25 3.60 0.00	70.46 3.49 0.00	81.89 4.31 0.00	61.51 2.66 0.00	57.23 1.56 0.00	52.31 1.85 0.00	99.98 5.68 0.00	66.06 2.15 0.00	98.26 0.92 0.00	65.71 -0.22 0.00	64.54 0.22 0.00	72.54 0.30 0.00	57.10 0.52 0.00
SOUTHOLD_69_KV_BK 2 55809	48.72 5.39 0.00	50.28 5.45 0.00	46.88 5.01 0.00	43.35 4.39 0.00	41.62 4.02 0.00	45.41 3.93 0.00	41.65 3.46 0.00	42.97 3.80 0.00	46.19 4.45 0.00	53.47 6.66 -0.13	58.26 6.79 -3.22	78.45 9.46 0.66	87.28 9.93 -10.38	142.53 11.75 -53.20	108.94 8.97 -41.11	94.50 9.55 -29.28	128.46 9.26 -68.74	265.99 14.41 -157.28	153.06 11.03 -78.11	117.02 17.23 -2.45	71.69 9.13 3.37	67.95 6.92 3.28	75.46 6.27 3.05	60.70 4.39 0.27
SOUTHOLD___IC 23719	48.72 5.39 0.00	50.28 5.45 0.00	46.88 5.01 0.00	43.35 4.39 0.00	41.62 4.01 0.00	45.41 3.93 0.00	41.65 3.47 0.00	42.97 3.80 0.00	46.19 4.45 0.00	53.49 6.67 -0.13	58.23 6.76 -3.22	78.45 9.46 0.66	87.26 9.92 -10.38	142.48 11.70 -53.20	108.92 8.95 -41.11	94.49 9.55 -29.28	128.37 9.16 -68.74	265.91 14.32 -157.28	153.01 10.99 -78.11	116.41 16.62 -2.45	71.63 9.07 3.37	67.93 6.90 3.28	75.47 6.28 3.05	60.70 4.39 0.27
SOUTH_FORK_WT_PWR 323839	48.91 5.59 0.00	50.49 5.65 0.00	47.08 5.21 0.00	43.54 4.58 0.00	41.79 4.19 0.00	45.57 4.08 0.00	41.79 3.60 0.00	43.14 3.98 0.00	46.41 4.67 0.00	53.73 6.91 -0.13	58.37 6.89 -3.22	78.64 9.65 0.66	87.42 10.07 -10.38	142.63 11.85 -53.21	108.92 8.95 -41.12	94.49 9.54 -29.28	128.49 9.28 -68.75	266.86 15.28 -157.28	153.00 11.02 -78.08	116.37 16.58 -2.45	71.66 9.10 3.37	67.83 6.80 3.28	75.39 6.20 3.05	60.80 4.48 0.27
SPIERFLS_115KV_TB 1 80737	45.12 1.80 0.00	46.68 1.84 0.00	43.88 2.01 0.00	40.79 1.83 0.00	39.35 1.75 0.00	43.44 1.96 0.00	39.91 1.72 0.00	40.78 1.62 0.00	42.93 1.19 0.00	47.59 1.08 0.18	44.66 0.81 4.40	71.55 1.93 0.02	65.00 1.40 3.36	78.82 1.88 0.64	60.19 1.55 0.21	57.93 2.27 0.00	52.97 2.51 0.00	100.09 5.79 0.00	68.49 4.58 0.00	104.93 7.60 0.00	70.88 4.95 0.00	68.43 4.12 0.00	75.99 3.74 0.00	58.91 2.33 0.00
ST LAWRENCE____ 23600	43.08 -0.24 0.00	44.72 -0.11 0.00	41.53 -0.34 0.00	38.54 -0.42 0.00	37.18 -0.43 0.00	41.24 -0.24 0.00	38.05 -0.13 0.00	39.07 -0.10 0.00	41.76 0.01 0.00	46.71 0.03 0.00	48.04 -0.22 0.00	69.19 -0.45 0.00	66.38 -0.59 0.00	76.91 -0.67 0.00	58.31 -0.54 0.00	54.56 -1.11 0.00	48.99 -1.48 0.00	90.46 -3.84 0.00	61.24 -2.67 0.00	93.65 -3.68 0.00	54.73 -2.12 9.09	58.30 -1.53 4.48	71.24 -1.00 0.00	56.28 -0.30 0.00

STATE_CA_115KV_115_LB 55624	44.14 0.81 0.00	45.61 0.77 0.00	42.82 0.95 0.00	39.84 0.88 0.00	38.45 0.84 0.00	42.27 0.79 0.00	38.85 0.67 0.00	39.71 0.54 0.00	42.33 0.58 0.00	47.30 0.72 0.11	46.41 0.79 2.63	70.71 1.07 0.01	65.90 0.96 2.02	78.28 1.10 0.39	59.63 0.90 0.13	57.05 1.38 0.00	52.11 1.64 0.00	97.92 3.62 0.00	66.38 2.48 0.00	101.16 3.82 0.00	67.90 1.97 0.00	65.65 1.34 0.00	73.28 1.04 0.00	56.95 0.37 0.00
STATE_ST_34_KV_LOAD 55959	43.63 0.31 0.00	45.07 0.23 0.00	42.10 0.23 0.00	39.21 0.25 0.00	37.79 0.18 0.00	41.73 0.24 0.00	38.15 -0.04 0.00	39.10 -0.06 0.00	41.62 -0.13 0.00	46.56 -0.12 0.00	48.47 0.09 -0.12	71.41 0.17 -1.59	67.74 0.51 -0.27	81.63 1.21 -2.84	62.74 0.85 -3.03	56.85 1.04 -0.15	51.63 1.17 0.00	97.76 3.45 0.00	68.38 2.48 -2.00	103.18 3.66 -2.19	68.30 2.09 -0.27	69.35 1.61 -3.42	76.68 1.40 -3.04	60.35 0.87 -2.91
STATION_5_MISC_HYD 23604	43.35 0.21 0.19	44.04 -0.22 0.57	41.55 -0.30 0.02	38.69 -0.27 0.00	37.50 -0.10 0.00	41.32 -0.16 0.00	37.69 -0.50 0.00	38.67 -0.50 0.00	41.58 -0.17 0.00	46.94 0.25 0.00	48.50 0.25 0.00	70.58 0.94 0.00	68.43 1.47 0.00	79.67 2.09 0.00	60.47 1.62 0.00	57.13 1.47 0.00	52.16 1.70 0.00	99.13 4.83 0.00	66.86 2.95 0.00	100.46 3.13 0.00	67.23 1.30 0.00	65.62 1.31 0.00	73.56 1.31 0.00	57.78 1.20 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.45 0.12 0.00	44.57 -0.27 0.00	41.57 -0.30 0.00	38.69 -0.27 0.00	37.48 -0.13 0.00	41.26 -0.22 0.00	37.74 -0.45 0.00	38.74 -0.43 0.00	41.49 -0.25 0.00	46.68 -0.01 0.00	48.30 0.00 -0.05	70.77 0.45 -0.67	68.05 0.97 -0.11	80.35 1.57 -1.20	61.33 1.19 -1.29	56.90 1.17 -0.06	51.91 1.45 0.00	98.58 4.27 0.00	67.46 2.71 -0.85	101.26 3.00 -0.93	67.39 1.35 -0.12	66.99 1.23 -1.45	74.57 1.04 -1.29	58.61 0.80 -1.23
STA_56_34_KV_BUS2_REV_LBMP_B 345033	43.29 -0.04 0.00	44.36 -0.48 0.00	41.35 -0.52 0.00	38.48 -0.48 0.00	37.29 -0.32 0.00	41.09 -0.39 0.00	37.49 -0.69 0.00	38.48 -0.69 0.00	41.36 -0.39 0.00	46.69 0.00 0.00	48.22 -0.03 0.00	70.21 0.56 0.00	68.08 1.11 0.00	79.28 1.70 0.00	60.16 1.31 0.00	56.86 1.20 0.00	51.91 1.45 0.00	98.58 4.28 0.00	66.49 2.58 0.00	99.91 2.58 0.00	66.93 0.99 0.00	65.28 0.96 0.00	73.15 0.91 0.00	57.43 0.85 0.00
STA_56___34_KV_BUS2 355983	43.29 -0.04 0.00	44.36 -0.48 0.00	41.35 -0.52 0.00	38.48 -0.48 0.00	37.29 -0.32 0.00	41.09 -0.39 0.00	37.49 -0.69 0.00	38.48 -0.69 0.00	41.36 -0.39 0.00	46.69 0.00 0.00	48.22 -0.03 0.00	70.21 0.56 0.00	68.08 1.11 0.00	79.28 1.70 0.00	60.16 1.31 0.00	56.86 1.20 0.00	51.91 1.45 0.00	98.58 4.28 0.00	66.49 2.58 0.00	99.91 2.58 0.00	66.93 0.99 0.00	65.28 0.96 0.00	73.15 0.91 0.00	57.43 0.85 0.00
STA_67___115KV_BK2 355882	43.43 0.11 0.00	44.49 -0.34 0.00	41.48 -0.39 0.00	38.60 -0.36 0.00	37.42 -0.19 0.00	41.22 -0.26 0.00	37.59 -0.59 0.00	38.56 -0.60 0.00	41.46 -0.29 0.00	46.80 0.11 0.00	48.29 0.03 0.00	70.30 0.66 0.00	68.14 1.17 0.00	79.31 1.73 0.00	60.18 1.33 0.00	56.89 1.22 0.00	51.92 1.46 0.00	98.66 4.36 0.00	66.56 2.66 0.00	99.93 2.60 0.00	66.95 1.02 0.00	65.36 1.05 0.00	73.30 1.06 0.00	57.59 1.01 0.00
STA_7___115KV_9TRANS 80674	43.78 0.46 0.00	44.85 0.02 0.00	41.79 -0.08 0.00	38.89 -0.07 0.00	37.69 0.09 0.00	41.54 0.06 0.00	37.88 -0.30 0.00	38.88 -0.28 0.00	41.83 0.09 0.00	47.26 0.57 0.00	48.84 0.59 0.00	71.17 1.53 0.00	69.09 2.12 0.00	80.46 2.88 0.00	61.12 2.27 0.00	57.72 2.05 0.00	52.71 2.24 0.00	100.16 5.86 0.00	67.51 3.60 0.00	101.28 3.94 0.00	67.81 1.88 0.00	66.19 1.88 0.00	74.15 1.91 0.00	58.22 1.64 0.00
STA_82___115KV_TB1 80780	43.44 0.11 0.00	44.50 -0.33 0.00	41.49 -0.38 0.00	38.61 -0.35 0.00	37.43 -0.18 0.00	41.24 -0.24 0.00	37.60 -0.58 0.00	38.57 -0.60 0.00	41.46 -0.29 0.00	46.80 0.11 0.00	48.29 0.03 0.00	70.30 0.66 0.00	68.15 1.18 0.00	79.32 1.75 0.00	60.20 1.35 0.00	56.91 1.24 0.00	51.94 1.47 0.00	98.71 4.41 0.00	66.58 2.67 0.00	100.01 2.68 0.00	66.98 1.04 0.00	65.40 1.09 0.00	73.32 1.08 0.00	57.61 1.03 0.00
STEEL___WIND 323596	42.80 -0.09 0.44	42.79 -0.69 1.35	40.98 -0.84 0.05	38.16 -0.80 0.00	37.09 -0.52 0.00	40.78 -0.70 0.00	36.98 -1.20 0.00	37.93 -1.24 0.00	40.93 -0.82 0.00	46.36 -0.33 0.00	47.69 -0.56 0.00	69.58 -0.07 0.00	67.39 0.42 0.00	78.26 0.68 0.00	58.95 0.09 0.00	55.81 0.14 0.00	51.02 0.55 0.00	97.49 3.19 0.00	65.50 1.59 0.00	98.00 0.66 0.00	65.27 -0.66 0.00	64.07 -0.25 0.00	72.16 -0.08 0.00	56.99 0.41 0.00
STEPHTWN_115KV_BK_2 55603	44.35 1.03 0.00	45.77 0.94 0.00	42.97 1.10 0.00	39.98 1.02 0.00	38.61 1.01 0.00	42.44 0.96 0.00	39.06 0.87 0.00	39.95 0.79 0.00	42.53 0.78 0.00	47.57 0.98 0.09	46.91 0.97 2.32	71.02 1.39 0.01	66.27 1.08 1.78	78.57 1.34 0.34	59.62 0.88 0.11	57.03 1.37 0.00	52.18 1.72 0.00	98.19 3.89 0.00	66.64 2.73 0.00	101.56 4.23 0.00	68.23 2.30 0.00	65.82 1.51 0.00	73.52 1.28 0.00	57.02 0.44 0.00
STEBEN_REC_LFGE 323667	44.86 1.54 0.00	45.88 1.05 0.00	42.66 0.79 0.00	39.68 0.72 0.00	38.58 0.97 0.00	42.24 0.76 0.00	38.56 0.37 0.00	39.47 0.30 0.00	42.01 0.27 0.00	47.05 0.36 0.00	48.55 0.29 0.00	71.06 1.41 0.00	69.32 2.05 -0.30	81.55 2.21 -1.76	61.26 1.09 -1.32	57.82 1.23 -0.93	54.44 1.81 -2.16	105.22 6.12 -4.80	69.54 3.73 -1.90	101.38 3.94 -0.11	67.29 1.36 0.00	65.57 1.26 0.00	73.29 1.05 0.00	57.14 0.56 0.00
STILLWATER___SOLAR 323814	45.26 1.94 0.00	46.82 1.99 0.00	44.01 2.14 0.00	40.91 1.95 0.00	39.47 1.86 0.00	43.54 2.06 0.00	39.98 1.79 0.00	40.89 1.73 0.00	43.19 1.44 0.00	47.98 1.50 0.21	44.52 1.39 5.12	72.07 2.45 0.03	65.14 2.09 3.91	79.40 2.57 0.75	60.59 1.99 0.25	58.18 2.51 0.00	53.13 2.66 0.00	100.19 5.89 0.00	68.24 4.34 0.00	104.36 7.02 0.00	70.34 4.40 0.00	67.92 3.60 0.00	75.70 3.46 0.00	58.78 2.19 0.00
STONY___BROOK 24151	46.95 3.63 0.00	48.61 3.78 0.00	45.41 3.55 0.00	42.05 3.09 0.00	40.39 2.78 0.00	44.14 2.66 0.00	40.45 2.26 0.00	41.50 2.34 0.00	44.40 2.66 0.00	51.23 4.41 -0.13	56.07 4.60 -3.22	74.66 6.06 1.05	82.86 6.47 -9.41	135.06 7.11 -50.37	103.82 5.60 -39.36	89.94 6.27 -28.00	123.30 6.20 -66.63	262.17 10.83 -157.04	166.98 7.49 -95.58	113.25 11.25 -4.66	67.69 5.83 4.07	64.08 4.34 4.58	71.20 3.55 4.59	58.42 2.24 0.39
STURGEON_POOL_HYD 23609	45.87 2.55 0.00	47.30 2.47 0.00	44.37 2.50 0.00	41.26 2.30 0.00	39.74 2.14 0.00	43.59 2.11 0.00	40.05 1.86 0.00	41.19 2.02 0.00	44.04 2.29 0.00	50.13 3.36 -0.08	54.12 3.78 -2.09	74.95 5.29 -0.01	78.16 5.45 -5.74	105.43 6.51 -21.35	75.12 5.04 -11.22	73.03 5.52 -11.84	83.97 5.43 -28.07	168.99 10.23 -64.45	97.05 6.75 -26.40	108.91 10.09 -1.48	70.91 4.98 0.00	68.35 4.04 0.00	76.02 3.77 0.00	59.11 2.53 0.00

ST_LAW_115_BK7_LBMP 345037	43.09 -0.24 0.00	44.73 -0.10 0.00	41.54 -0.33 0.00	38.54 -0.42 0.00	37.18 -0.43 0.00	41.26 -0.22 0.00	38.06 -0.12 0.00	39.07 -0.10 0.00	41.76 0.01 0.00	46.73 0.04 0.00	48.04 -0.22 0.00	69.18 -0.47 0.00	66.34 -0.63 0.00	76.86 -0.72 0.00	58.27 -0.59 0.00	54.47 -1.19 0.00	48.89 -1.58 0.00	90.15 -4.15 0.00	61.04 -2.87 0.00	93.38 -3.96 0.00	52.32 -2.24 11.37	57.08 -1.62 5.61	71.23 -1.01 0.00	56.30 -0.28 0.00
ST_LAW_115_BK8_LBMP 345038	43.09 -0.24 0.00	44.73 -0.10 0.00	41.54 -0.33 0.00	38.54 -0.42 0.00	37.18 -0.43 0.00	41.26 -0.22 0.00	38.06 -0.12 0.00	39.07 -0.10 0.00	41.76 0.01 0.00	46.73 0.04 0.00	48.04 -0.22 0.00	69.18 -0.47 0.00	66.34 -0.63 0.00	76.86 -0.72 0.00	58.27 -0.59 0.00	54.47 -1.19 0.00	48.89 -1.58 0.00	90.15 -4.15 0.00	61.04 -2.87 0.00	93.38 -3.96 0.00	52.32 -2.24 11.37	57.08 -1.62 5.61	71.23 -1.01 0.00	56.30 -0.28 0.00
ST_LAW_230_BK5_LBMP 345035	43.08 -0.24 0.00	44.72 -0.11 0.00	41.53 -0.34 0.00	38.54 -0.42 0.00	37.18 -0.43 0.00	41.24 -0.24 0.00	38.05 -0.13 0.00	39.07 -0.10 0.00	41.76 0.01 0.00	46.71 0.03 0.00	48.04 -0.22 0.00	69.19 -0.45 0.00	66.38 -0.59 0.00	76.91 -0.67 0.00	58.31 -0.54 0.00	54.56 -1.11 0.00	48.99 -1.48 0.00	90.46 -3.84 0.00	61.24 -2.67 0.00	93.65 -3.68 0.00	56.60 -2.12 7.21	59.23 -1.53 3.56	71.24 -1.00 0.00	56.28 -0.30 0.00
ST_LAW_230_BK6_LBMP 345036	43.08 -0.24 0.00	44.72 -0.11 0.00	41.53 -0.34 0.00	38.54 -0.42 0.00	37.18 -0.43 0.00	41.24 -0.24 0.00	38.05 -0.13 0.00	39.07 -0.10 0.00	41.76 0.01 0.00	46.71 0.03 0.00	48.04 -0.22 0.00	69.19 -0.45 0.00	66.38 -0.59 0.00	76.91 -0.67 0.00	58.31 -0.54 0.00	54.56 -1.11 0.00	48.99 -1.48 0.00	90.46 -3.84 0.00	61.24 -2.67 0.00	93.65 -3.68 0.00	56.60 -2.12 7.21	59.23 -1.53 3.56	71.24 -1.00 0.00	56.28 -0.30 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.84 2.52 0.00	47.25 2.42 0.00	44.34 2.47 0.00	41.24 2.28 0.00	39.74 2.13 0.00	43.60 2.12 0.00	40.05 1.86 0.00	41.17 2.01 0.00	43.96 2.22 0.00	50.27 3.46 -0.13	55.25 3.86 -3.13	75.05 5.39 -0.02	90.92 5.55 -18.40	177.40 6.53 -93.29	133.51 5.00 -69.66	110.12 5.52 -48.93	170.00 5.43 -114.10	358.12 10.28 -253.55	171.15 6.78 -100.46	112.98 10.00 -5.64	70.45 4.52 0.00	67.91 3.59 0.00	75.58 3.34 0.00	58.81 2.23 0.00
SWANROAD_115KV_TB1 355699	42.18 -1.14 0.00	43.09 -1.74 0.00	40.23 -1.64 0.00	37.43 -1.53 0.00	36.38 -1.22 0.00	40.08 -1.40 0.00	36.23 -1.96 0.00	36.91 -2.25 0.00	39.82 -1.93 0.00	45.11 -1.57 0.00	46.10 -2.16 0.00	67.11 -2.54 0.00	65.18 -1.79 0.00	75.73 -1.85 0.00	57.24 -1.61 0.00	54.17 -1.50 0.00	49.46 -1.01 0.00	94.25 -0.05 0.00	63.65 -0.26 0.00	94.68 -2.65 0.00	63.38 -2.56 0.00	62.22 -2.09 0.00	70.38 -1.86 0.00	56.00 -0.58 0.00
SYNERGY___BIOGAS 323694	44.23 0.91 0.00	45.15 0.32 0.00	42.04 0.17 0.00	39.09 0.13 0.00	37.99 0.38 0.00	41.87 0.39 0.00	38.05 -0.13 0.00	38.93 -0.23 0.00	41.87 0.13 0.00	47.27 0.58 0.00	48.52 0.26 0.00	70.82 1.18 0.00	68.89 1.92 0.00	80.48 2.90 0.00	61.36 2.50 0.00	57.84 2.17 0.00	52.92 2.45 0.00	101.06 6.76 0.00	68.21 4.31 0.00	101.77 4.43 0.00	67.96 2.03 0.00	66.51 2.20 0.00	74.73 2.49 0.00	58.93 2.35 0.00
SYRACUSE___ENERGY_ST1 323597	43.26 -0.06 0.00	44.56 -0.27 0.00	41.67 -0.20 0.00	38.80 -0.16 0.00	37.50 -0.11 0.00	41.28 -0.21 0.00	37.89 -0.29 0.00	38.88 -0.29 0.00	41.43 -0.32 0.00	46.35 -0.34 0.00	48.17 -0.24 -0.15	71.55 -0.15 -2.05	67.51 0.20 -0.34	81.77 0.53 -3.67	63.19 0.42 -3.92	56.45 0.59 -0.19	51.25 0.79 0.00	96.65 2.35 0.00	68.08 1.60 -2.58	102.30 2.14 -2.83	67.41 1.13 -0.35	69.62 0.88 -4.42	76.76 0.60 -3.92	60.57 0.24 -3.75
SYRACUSE___ENERGY_ST2 323598	43.26 -0.06 0.00	44.56 -0.27 0.00	41.67 -0.20 0.00	38.80 -0.16 0.00	37.50 -0.11 0.00	41.28 -0.21 0.00	37.89 -0.29 0.00	38.88 -0.29 0.00	41.43 -0.32 0.00	46.35 -0.34 0.00	48.17 -0.24 -0.15	71.55 -0.15 -2.05	67.51 0.20 -0.34	81.77 0.53 -3.67	63.19 0.42 -3.92	56.45 0.59 -0.19	51.25 0.79 0.00	96.65 2.35 0.00	68.08 1.60 -2.58	102.30 2.14 -2.83	67.41 1.13 -0.35	69.62 0.88 -4.42	76.76 0.60 -3.92	60.57 0.24 -3.75
SYRACUSE___POWER 24017	43.31 -0.01 0.00	44.61 -0.22 0.00	41.69 -0.17 0.00	38.82 -0.14 0.00	37.53 -0.08 0.00	41.30 -0.18 0.00	37.92 -0.27 0.00	38.89 -0.27 0.00	41.47 -0.28 0.00	46.36 -0.32 0.00	48.11 -0.19 -0.05	70.26 -0.03 -0.64	67.35 0.27 -0.11	79.31 0.58 -1.15	60.54 0.46 -1.23	56.39 0.66 -0.06	51.32 0.86 0.00	96.79 2.49 0.00	66.40 1.69 -0.81	100.47 2.24 -0.89	67.24 1.20 -0.11	66.68 0.98 -1.39	74.15 0.68 -1.23	58.03 0.27 -1.18
TALLMAN_138KV_BK151 55660	46.14 2.82 0.00	47.54 2.71 0.00	44.60 2.73 0.00	41.51 2.55 0.00	39.98 2.38 0.00	43.83 2.35 0.00	40.28 2.10 0.00	41.42 2.26 0.00	44.24 2.49 0.00	50.52 3.70 -0.13	55.57 4.15 -3.16	75.46 5.80 -0.02	89.91 5.95 -16.99	169.63 7.07 -84.98	127.64 5.36 -63.43	106.07 5.86 -44.55	160.06 5.71 -103.88	335.80 10.67 -230.82	162.37 7.01 -91.46	112.85 10.38 -5.14	70.80 4.87 0.00	68.20 3.89 0.00	75.91 3.67 0.00	59.05 2.47 0.00
TEALLAVE_115KV_TB7 355573	43.08 -0.24 0.00	44.38 -0.46 0.00	41.48 -0.39 0.00	38.62 -0.33 0.00	37.35 -0.25 0.00	41.10 -0.38 0.00	37.74 -0.45 0.00	38.70 -0.46 0.00	41.30 -0.45 0.00	46.23 -0.46 0.00	47.95 -0.35 -0.04	70.00 -0.25 -0.60	67.09 0.02 -0.10	78.91 0.25 -1.09	60.22 0.21 -1.16	56.14 0.41 -0.06	51.11 0.64 0.00	96.30 2.00 0.00	65.99 1.33 -0.76	99.82 1.65 -0.84	66.85 0.82 -0.10	66.22 0.59 -1.31	73.69 0.29 -1.16	57.68 -0.02 -1.11
TELGRAPH_34_KV_EAST 80808	43.25 -0.07 0.00	44.17 -0.66 0.00	41.16 -0.71 0.00	38.27 -0.68 0.00	37.21 -0.39 0.00	40.98 -0.50 0.00	37.14 -1.05 0.00	37.95 -1.21 0.00	40.89 -0.86 0.00	46.23 -0.45 0.00	47.36 -0.90 0.00	69.03 -0.62 0.00	67.11 0.14 0.00	78.12 0.54 0.00	59.21 0.36 0.00	55.96 0.29 0.00	51.11 0.64 0.00	97.47 3.17 0.00	65.75 1.84 0.00	98.02 0.68 0.00	65.53 -0.40 0.00	64.25 -0.06 0.00	72.45 0.21 0.00	57.37 0.79 0.00
TEMPLE___115KV_TB 2 55572	43.09 -0.23 0.00	44.38 -0.45 0.00	41.49 -0.38 0.00	38.63 -0.33 0.00	37.36 -0.25 0.00	41.10 -0.38 0.00	37.74 -0.45 0.00	38.71 -0.45 0.00	41.31 -0.44 0.00	46.23 -0.46 0.00	47.96 -0.33 -0.04	69.91 -0.23 -0.49	67.10 0.05 -0.08	78.73 0.29 -0.87	60.02 0.24 -0.93	56.15 0.43 -0.05	51.14 0.67 0.00	96.35 2.05 0.00	65.88 1.36 -0.61	99.69 1.68 -0.67	66.84 0.82 -0.08	65.98 0.62 -1.05	73.47 0.29 -0.93	57.46 -0.01 -0.89
TIANA___69_KV_BK 1 55817	47.30 3.98 0.00	48.87 4.04 0.00	45.62 3.75 0.00	42.21 3.25 0.00	40.54 2.94 0.00	44.28 2.80 0.00	40.61 2.42 0.00	41.77 2.60 0.00	44.74 3.00 0.00	51.73 4.91 -0.13	56.62 5.14 -3.22	75.92 6.93 0.66	84.77 7.42 -10.38	139.52 8.73 -53.20	106.73 6.76 -41.12	92.33 7.39 -29.28	126.52 7.31 -68.75	264.21 12.62 -157.28	150.85 8.84 -78.10	113.57 13.79 -2.45	69.41 6.85 3.37	66.11 5.08 3.28	73.43 4.24 3.05	59.03 2.72 0.27

TILDEN___115KV_TB1 80814	43.31 -0.01 0.00	44.61 -0.22 0.00	41.69 -0.17 0.00	38.82 -0.14 0.00	37.53 -0.08 0.00	41.30 -0.18 0.00	37.92 -0.27 0.00	38.89 -0.27 0.00	41.47 -0.28 0.00	46.36 -0.32 0.00	48.11 -0.19 -0.05	70.26 -0.03 -0.64	67.35 0.27 -0.11	79.31 0.58 -1.15	60.54 0.46 -1.23	56.39 0.66 -0.06	51.32 0.86 0.00	96.79 2.49 0.00	66.40 1.69 -0.81	100.47 2.24 -0.89	67.24 1.20 -0.11	66.68 0.98 -1.39	74.15 0.68 -1.23	58.03 0.27 -1.18
TRIGEN___CC 323695	46.79 3.47 0.00	48.29 3.45 0.00	45.21 3.34 0.00	41.95 2.99 0.00	40.35 2.74 0.00	44.16 2.68 0.00	40.51 2.32 0.00	41.67 2.50 0.00	44.62 2.88 0.00	51.15 4.33 -0.13	56.01 4.54 -3.22	75.84 6.17 -0.02	87.66 6.45 -14.24	145.94 7.31 -61.06	110.09 5.72 -45.52	93.83 6.22 -31.94	131.07 6.13 -74.47	270.80 11.04 -165.46	136.85 7.42 -65.52	111.99 11.23 -3.43	71.16 5.40 0.18	68.46 4.24 0.09	76.10 3.85 0.00	59.16 2.58 0.00
TRINITY___115KV___4 BK 55933	43.93 0.60 0.00	45.41 0.57 0.00	42.64 0.77 0.00	39.68 0.72 0.00	38.29 0.68 0.00	42.10 0.61 0.00	38.69 0.50 0.00	39.54 0.37 0.00	42.12 0.37 0.00	47.07 0.48 0.10	46.40 0.52 2.37	70.24 0.61 0.01	65.63 0.49 1.82	77.74 0.51 0.35	59.19 0.45 0.11	56.57 0.90 0.00	51.65 1.19 0.00	96.99 2.68 0.00	65.76 1.86 0.00	100.29 2.95 0.00	67.35 1.42 0.00	65.11 0.80 0.00	72.71 0.47 0.00	56.52 -0.06 0.00
UNION___PROCESSING_DRP 323587	43.45 0.13 0.00	44.52 -0.32 0.00	41.49 -0.37 0.00	38.62 -0.34 0.00	37.44 -0.17 0.00	41.25 -0.23 0.00	37.61 -0.58 0.00	38.59 -0.58 0.00	41.47 -0.27 0.00	46.81 0.13 0.00	48.31 0.06 0.00	70.32 0.67 0.00	68.19 1.22 0.00	79.36 1.78 0.00	60.24 1.38 0.00	56.92 1.25 0.00	51.97 1.51 0.00	98.75 4.45 0.00	66.62 2.72 0.00	100.06 2.73 0.00	67.01 1.08 0.00	65.43 1.11 0.00	73.35 1.11 0.00	57.62 1.04 0.00
UPPER HUDSON___HYD 24058	45.12 1.80 0.00	46.68 1.85 0.00	43.88 2.01 0.00	40.79 1.83 0.00	39.35 1.75 0.00	43.44 1.96 0.00	39.91 1.72 0.00	40.78 1.62 0.00	42.93 1.18 0.00	47.59 1.08 0.18	44.65 0.80 4.40	71.55 1.93 0.02	65.01 1.41 3.36	78.81 1.88 0.64	60.19 1.55 0.21	57.93 2.27 0.00	52.97 2.51 0.00	100.09 5.79 0.00	68.49 4.58 0.00	104.95 7.62 0.00	70.88 4.95 0.00	68.43 4.11 0.00	75.98 3.74 0.00	58.91 2.33 0.00
UPPER RAQUET___HYD 24056	44.02 0.70 0.00	45.73 0.90 0.00	42.43 0.57 0.00	39.35 0.39 0.00	38.00 0.39 0.00	42.21 0.73 0.00	38.91 0.72 0.00	39.70 0.54 0.00	42.36 0.62 0.00	47.40 0.72 0.00	48.68 0.42 0.00	70.04 0.39 0.00	67.03 0.06 0.00	77.66 0.08 0.00	58.50 -0.35 0.00	54.33 -1.34 0.00	48.68 -1.79 0.00	88.63 -5.67 0.00	60.44 -3.47 0.00	93.08 -4.25 0.00	135.85 -1.65 -71.57	98.99 -0.64 -35.31	72.99 0.75 0.00	57.80 1.22 0.00
VALLEY44_115KV_TB2 355964	43.38 0.05 0.00	44.32 -0.52 0.00	41.31 -0.56 0.00	38.48 -0.48 0.00	37.47 -0.14 0.00	41.07 -0.42 0.00	37.32 -0.86 0.00	38.47 -0.70 0.00	41.27 -0.48 0.00	46.32 -0.37 0.00	47.81 -0.45 0.00	69.36 -0.28 0.00	66.84 -0.13 0.00	77.71 0.13 0.00	58.27 -0.58 0.00	55.09 -0.57 0.00	50.38 -0.09 0.00	96.57 2.27 0.00	64.75 0.85 0.00	97.21 -0.12 0.00	64.66 -1.26 0.00	63.68 -0.63 0.00	71.47 -0.77 0.00	56.44 -0.14 0.00
VALLEY___115KV_TB 1-4 80826	43.99 0.67 0.00	45.48 0.65 0.00	42.67 0.80 0.00	39.70 0.75 0.00	38.32 0.72 0.00	42.15 0.67 0.00	38.68 0.49 0.00	39.39 0.23 0.00	41.59 -0.16 0.00	46.30 -0.38 0.00	47.97 -0.28 0.00	69.36 -0.28 0.00	66.78 -0.19 0.00	77.54 -0.04 0.00	58.78 -0.07 0.00	56.17 0.50 0.00	51.28 0.82 0.00	97.20 2.90 0.00	66.41 2.50 0.00	101.35 4.01 0.00	68.38 2.45 0.00	66.21 1.90 0.00	73.56 1.32 0.00	57.22 0.64 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	45.45 2.13 0.00	46.88 2.05 0.00	43.99 2.13 0.00	40.93 1.98 0.00	39.52 1.92 0.00	43.43 1.95 0.00	39.76 1.58 0.00	40.76 1.59 0.00	43.50 1.75 0.00	48.42 1.73 0.00	50.15 1.89 0.00	72.36 2.71 0.00	70.48 2.76 -0.75	85.20 3.27 -4.36	64.50 2.38 -3.26	60.38 2.42 -2.30	58.34 2.53 -5.35	111.50 5.31 -11.89	72.24 3.62 -4.71	103.02 5.42 -0.27	70.05 4.12 0.00	67.97 3.66 0.00	75.80 3.56 0.00	59.08 2.50 0.00
VISCHER___FERRY HYD 24020	44.81 1.49 0.00	46.40 1.57 0.00	43.66 1.79 0.00	40.56 1.60 0.00	39.12 1.52 0.00	43.20 1.72 0.00	39.67 1.48 0.00	40.62 1.46 0.00	42.94 1.19 0.00	47.69 1.27 0.27	42.93 1.26 6.60	71.66 2.05 0.04	63.67 1.73 5.03	78.70 2.08 0.96	60.10 1.57 0.32	57.67 2.01 0.00	52.55 2.08 0.00	98.78 4.47 0.00	67.11 3.20 0.00	102.42 5.09 0.00	68.91 2.98 0.00	66.52 2.20 0.00	74.30 2.05 0.00	57.69 1.11 0.00
V_A_10_SYNC_DSASP 323832	42.85 -0.47 0.00	43.83 -1.01 0.00	40.84 -1.03 0.00	38.03 -0.93 0.00	36.92 -0.69 0.00	40.65 -0.83 0.00	36.89 -1.30 0.00	37.79 -1.38 0.00	40.72 -1.03 0.00	46.05 -0.64 0.00	47.28 -0.98 0.00	68.77 -0.87 0.00	66.59 -0.38 0.00	77.32 -0.26 0.00	58.42 -0.44 0.00	55.27 -0.39 0.00	50.47 0.01 0.00	96.17 1.87 0.00	64.92 1.02 0.00	97.21 -0.12 0.00	65.00 -0.93 0.00	63.67 -0.64 0.00	71.68 -0.56 0.00	56.65 0.07 0.00
V_CMM_10_SYNC_DSASP 323787	43.30 -0.02 0.00	44.96 0.13 0.00	41.75 -0.12 0.00	38.73 -0.23 0.00	37.37 -0.24 0.00	41.47 -0.01 0.00	38.25 0.07 0.00	39.26 0.09 0.00	41.98 0.23 0.00	46.98 0.29 0.00	48.29 0.03 0.00	69.55 -0.10 0.00	66.72 -0.25 0.00	77.30 -0.28 0.00	58.59 -0.26 0.00	54.76 -0.90 0.00	49.16 -1.31 0.00	90.68 -3.62 0.00	61.18 -2.73 0.00	93.90 -3.43 0.00	52.47 -2.08 11.37	57.39 -1.32 5.61	71.59 -0.65 0.00	56.61 0.03 0.00
V_CMP_10_SYNC_DSASP 323788	43.99 0.66 0.00	45.55 0.72 0.00	42.30 0.43 0.00	39.17 0.21 0.00	37.75 0.14 0.00	41.83 0.35 0.00	38.73 0.55 0.00	39.80 0.63 0.00	42.24 0.49 0.00	47.10 0.41 0.00	48.45 0.19 0.00	69.51 -0.14 0.00	65.97 -1.00 0.00	76.19 -1.39 0.00	57.62 -1.23 0.00	53.98 -1.68 0.00	48.33 -2.14 0.00	89.56 -4.74 0.00	60.83 -3.08 0.00	93.22 -4.11 0.00	63.40 -2.53 0.00	62.33 -1.99 0.00	70.94 -1.30 0.00	56.32 -0.26 0.00
V_D_10_SYNC_DSASP 323841	43.62 0.29 0.00	45.32 0.49 0.00	42.07 0.21 0.00	39.03 0.07 0.00	37.67 0.07 0.00	41.80 0.32 0.00	38.56 0.37 0.00	39.53 0.36 0.00	42.24 0.50 0.00	47.27 0.58 0.00	48.58 0.32 0.00	69.95 0.31 0.00	67.01 0.05 0.00	77.64 0.06 0.00	58.80 -0.06 0.00	54.90 -0.76 0.00	49.28 -1.19 0.00	90.39 -3.92 0.00	61.28 -2.62 0.00	93.85 -3.48 0.00	170.03 -1.50 -105.60	115.50 -0.92 -52.10	72.18 -0.07 0.00	57.06 0.48 0.00
V_E_10_SYNC_DSASP 323830	46.92 3.47 -0.12	48.55 3.34 -0.38	44.93 3.04 -0.02	41.78 2.82 0.00	40.46 2.86 0.00	44.43 2.95 0.00	40.75 2.56 0.00	41.67 2.50 0.00	44.14 2.40 0.00	49.30 2.61 0.00	51.04 2.78 0.00	74.32 4.67 0.00	73.99 5.01 -2.02	95.42 6.22 -11.63	71.80 4.25 -8.71	66.05 4.25 -6.13	69.40 4.64 -14.29	136.45 10.40 -31.75	84.18 7.69 -12.58	109.17 11.13 -0.71	72.63 6.70 0.00	70.02 5.71 0.00	76.52 4.28 0.00	59.95 3.37 0.00

V_F_30_NSYNC___DSASP 323816	45.31 1.99 0.00	46.86 2.03 0.00	44.03 2.16 0.00	40.94 1.98 0.00	39.50 1.89 0.00	43.57 2.09 0.00	40.00 1.82 0.00	40.93 1.76 0.00	43.27 1.52 0.00	48.10 1.60 0.19	44.95 1.50 4.81	72.26 2.64 0.03	65.59 2.29 3.67	79.69 2.81 0.70	60.79 2.17 0.23	58.35 2.69 0.00	53.29 2.83 0.00	100.50 6.20 0.00	68.40 4.49 0.00	104.58 7.25 0.00	70.49 4.56 0.00	68.05 3.74 0.00	75.85 3.61 0.00	58.91 2.33 0.00
V_F_30_SYNC_DSASP 323786	44.14 0.81 0.00	45.60 0.77 0.00	42.82 0.95 0.00	39.84 0.88 0.00	38.44 0.84 0.00	42.27 0.79 0.00	38.85 0.67 0.00	39.71 0.54 0.00	42.33 0.58 0.00	47.30 0.72 0.11	46.43 0.78 2.61	70.71 1.07 0.01	65.91 0.95 2.01	78.27 1.08 0.38	59.62 0.90 0.13	57.04 1.37 0.00	52.09 1.62 0.00	97.91 3.61 0.00	66.37 2.46 0.00	101.11 3.78 0.00	67.90 1.97 0.00	65.64 1.33 0.00	73.26 1.02 0.00	56.94 0.36 0.00
V_XM_10_SYNC_DSASP 323789	43.99 0.66 0.00	45.55 0.72 0.00	42.30 0.43 0.00	39.17 0.21 0.00	37.75 0.14 0.00	41.83 0.35 0.00	38.73 0.55 0.00	39.80 0.63 0.00	42.24 0.49 0.00	47.10 0.41 0.00	48.45 0.19 0.00	69.51 -0.14 0.00	65.97 -1.00 0.00	76.19 -1.39 0.00	57.62 -1.23 0.00	53.98 -1.68 0.00	48.33 -2.14 0.00	89.56 -4.74 0.00	60.83 -3.08 0.00	93.22 -4.11 0.00	63.40 -2.53 0.00	62.33 -1.99 0.00	70.94 -1.30 0.00	56.32 -0.26 0.00
W.BABYLN_69_KV_BK1 56697	47.49 4.17 0.00	49.10 4.26 0.00	45.89 4.02 0.00	42.49 3.53 0.00	40.82 3.22 0.00	44.64 3.16 0.00	40.91 2.72 0.00	42.05 2.89 0.00	45.05 3.31 0.00	51.86 5.04 -0.13	56.67 5.20 -3.22	76.31 6.98 0.31	85.53 7.34 -11.22	140.77 8.31 -54.87	107.38 6.46 -42.07	92.47 6.94 -29.87	127.34 6.90 -69.97	264.03 12.34 -157.39	137.29 8.53 -64.86	111.43 13.21 -0.88	69.12 6.56 3.38	66.76 5.15 2.71	74.56 4.58 2.26	59.41 3.04 0.20
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.30 2.98 0.00	47.68 2.85 0.00	44.75 2.88 0.00	41.63 2.67 0.00	40.12 2.51 0.00	43.98 2.50 0.00	40.43 2.24 0.00	41.59 2.42 0.00	44.42 2.68 0.00	50.71 3.89 -0.13	55.78 4.35 -3.17	75.78 6.11 -0.02	89.68 6.28 -16.42	166.64 7.40 -81.66	125.43 5.63 -60.94	104.59 6.13 -42.79	156.24 5.98 -99.79	327.23 11.20 -221.74	159.13 7.36 -87.86	113.18 10.91 -4.94	71.18 5.25 0.00	68.54 4.22 0.00	76.25 4.01 0.00	59.30 2.72 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.68 3.36 0.00	48.08 3.24 0.00	45.19 3.32 0.00	42.01 3.05 0.00	40.46 2.85 0.00	44.28 2.80 0.00	40.76 2.58 0.00	42.00 2.83 0.00	44.95 3.20 0.00	51.31 4.49 -0.13	56.38 4.91 -3.22	76.51 6.84 -0.02	86.81 6.86 -12.98	147.09 7.94 -61.57	110.69 5.93 -45.90	94.31 6.44 -32.21	131.80 6.23 -75.10	272.78 11.62 -166.86	137.66 7.63 -66.12	112.51 11.46 -3.72	71.60 5.67 0.00	68.90 4.59 0.00	76.60 4.36 0.00	59.64 3.05 0.00
W50THST__13_KV_LOAD 356117	46.99 3.67 0.00	48.40 3.56 0.00	45.46 3.60 0.00	42.27 3.31 0.00	40.69 3.09 0.00	44.54 3.06 0.00	41.05 2.86 0.00	42.33 3.16 0.00	45.33 3.59 0.00	51.77 4.95 -0.13	56.89 5.42 -3.22	77.27 7.60 -0.02	87.52 7.58 -12.98	147.87 8.72 -61.57	111.26 6.51 -45.90	94.91 7.04 -32.21	132.34 6.77 -75.10	273.80 12.64 -166.86	138.30 8.28 -66.12	113.45 12.39 -3.72	72.19 6.26 0.00	69.43 5.12 0.00	77.18 4.93 0.00	60.09 3.51 0.00
WADING RIVER_IC_1 23522	46.53 3.20 0.00	48.10 3.27 0.00	44.92 3.06 0.00	41.58 2.62 0.00	39.93 2.32 0.00	43.64 2.16 0.00	40.00 1.82 0.00	41.12 1.95 0.00	43.97 2.22 0.00	50.79 3.97 -0.13	55.57 4.10 -3.22	74.42 5.43 0.65	83.27 5.91 -10.40	137.72 6.87 -53.27	105.41 5.40 -41.16	91.07 6.09 -29.31	125.30 6.03 -68.80	262.00 10.40 -157.30	148.98 7.34 -77.73	110.76 11.03 -2.40	68.01 5.43 3.35	64.92 3.86 3.25	72.19 2.96 3.01	58.02 1.70 0.26
WADING RIVER_IC_2 23547	46.53 3.20 0.00	48.10 3.27 0.00	44.92 3.06 0.00	41.58 2.62 0.00	39.93 2.32 0.00	43.64 2.16 0.00	40.00 1.82 0.00	41.12 1.95 0.00	43.97 2.22 0.00	50.79 3.97 -0.13	55.57 4.10 -3.22	74.42 5.43 0.65	83.27 5.91 -10.40	137.72 6.87 -53.27	105.41 5.40 -41.16	91.07 6.09 -29.31	125.30 6.03 -68.80	262.00 10.40 -157.30	148.98 7.34 -77.73	110.76 11.03 -2.40	68.01 5.43 3.35	64.92 3.86 3.25	72.19 2.96 3.01	58.02 1.70 0.26
WADING RIVER_IC_3 23601	46.53 3.20 0.00	48.10 3.27 0.00	44.92 3.06 0.00	41.58 2.62 0.00	39.93 2.32 0.00	43.64 2.16 0.00	40.00 1.82 0.00	41.12 1.95 0.00	43.97 2.22 0.00	50.79 3.97 -0.13	55.57 4.10 -3.22	74.42 5.43 0.65	83.27 5.91 -10.40	137.72 6.87 -53.27	105.41 5.40 -41.16	91.07 6.09 -29.31	125.30 6.03 -68.80	262.00 10.40 -157.30	148.98 7.34 -77.73	110.76 11.03 -2.40	68.01 5.43 3.35	64.92 3.86 3.25	72.19 2.96 3.01	58.02 1.70 0.26
WALDENNY_12_KV_BK2 80841	43.27 -0.05 0.00	44.17 -0.66 0.00	41.07 -0.80 0.00	38.20 -0.75 0.00	37.13 -0.47 0.00	40.84 -0.64 0.00	37.03 -1.16 0.00	37.96 -1.20 0.00	40.99 -0.76 0.00	46.45 -0.24 0.00	47.76 -0.50 0.00	69.74 0.09 0.00	67.60 0.63 0.00	78.51 0.93 0.00	59.17 0.32 0.00	56.01 0.35 0.00	51.21 0.74 0.00	97.75 3.45 0.00	65.67 1.76 0.00	98.02 0.68 0.00	65.41 -0.52 0.00	64.18 -0.13 0.00	72.31 0.07 0.00	57.15 0.57 0.00
WALDEN___HYDRO 24148	46.04 2.72 0.00	47.45 2.62 0.00	44.51 2.65 0.00	41.40 2.45 0.00	39.89 2.28 0.00	43.76 2.28 0.00	40.21 2.03 0.00	41.37 2.20 0.00	44.16 2.41 0.00	50.42 3.62 -0.12	55.25 3.99 -3.01	75.27 5.60 -0.02	85.38 5.72 -12.69	145.22 6.79 -60.85	109.42 5.19 -45.37	93.23 5.72 -31.84	130.37 5.66 -74.25	270.10 10.81 -164.99	136.45 7.16 -65.37	111.64 10.63 -3.67	71.01 5.08 0.00	68.43 4.12 0.00	76.11 3.87 0.00	59.18 2.59 0.00
WARRENSBURG____ 23737	45.12 1.80 0.00	46.68 1.84 0.00	43.88 2.01 0.00	40.79 1.83 0.00	39.35 1.75 0.00	43.44 1.96 0.00	39.91 1.72 0.00	40.78 1.62 0.00	42.93 1.19 0.00	47.59 1.08 0.18	44.66 0.81 4.40	71.55 1.93 0.02	65.00 1.40 3.36	78.82 1.88 0.64	60.19 1.55 0.21	57.93 2.27 0.00	52.97 2.51 0.00	100.09 5.79 0.00	68.49 4.58 0.00	104.93 7.60 0.00	70.88 4.95 0.00	68.43 4.12 0.00	75.99 3.74 0.00	58.91 2.33 0.00
WATERSIDE___6 8 9 23538	46.80 3.48 0.00	48.20 3.37 0.00	45.29 3.42 0.00	42.10 3.14 0.00	40.51 2.90 0.00	44.34 2.86 0.00	40.83 2.65 0.00	42.14 2.98 0.00	45.08 3.34 0.00	51.44 4.62 -0.13	56.49 5.02 -3.22	76.49 6.82 -0.02	86.72 6.81 -12.94	146.75 7.80 -61.37	110.43 5.83 -45.75	94.05 6.29 -32.10	131.31 6.00 -74.85	271.55 10.96 -166.30	137.16 7.37 -65.89	112.13 11.09 -3.70	71.34 5.41 0.00	68.64 4.33 0.00	76.31 4.07 0.00	59.51 2.94 0.00
WATKINRD_115KV_LN8_ILLION 55919	43.80 0.48 0.00	45.30 0.46 0.00	42.46 0.59 0.00	39.51 0.55 0.00	38.14 0.53 0.00	41.97 0.48 0.00	38.54 0.35 0.00	39.32 0.16 0.00	41.63 -0.12 0.00	46.40 -0.28 0.00	48.03 -0.22 0.00	69.41 -0.24 0.00	66.80 -0.17 0.00	77.49 -0.09 0.00	58.76 -0.10 0.00	56.02 0.36 0.00	51.07 0.61 0.00	96.47 2.17 0.00	65.79 1.88 0.00	100.34 3.00 0.00	67.75 1.81 0.00	65.71 1.40 0.00	73.22 0.98 0.00	57.00 0.42 0.00

WDELAWARE___HYD 323627	45.02 1.69 0.00	46.37 1.54 0.00	43.47 1.60 0.00	40.39 1.43 0.00	38.91 1.30 0.00	42.68 1.20 0.00	39.22 1.03 0.00	40.36 1.19 0.00	43.10 1.36 0.00	49.50 2.70 -0.11	54.09 3.07 -2.76	73.94 4.28 -0.01	83.35 4.64 -11.74	138.95 5.64 -55.73	103.25 4.55 -39.85	90.24 5.12 -29.45	124.52 5.21 -68.85	258.05 9.99 -153.76	131.86 6.72 -61.24	110.55 9.77 -3.44	70.02 4.09 0.00	67.47 3.15 0.00	74.96 2.72 0.00	58.21 1.63 0.00
WEST BABYLON___IC 23714	47.49 4.17 0.00	49.10 4.26 0.00	45.89 4.02 0.00	42.49 3.53 0.00	40.82 3.22 0.00	44.64 3.16 0.00	40.91 2.72 0.00	42.05 2.89 0.00	45.05 3.31 0.00	51.86 5.04 -0.13	56.67 5.20 -3.22	76.31 6.98 0.31	85.53 7.34 -11.22	140.77 8.31 -54.87	107.38 6.46 -42.07	92.47 6.94 -29.87	127.34 6.90 -69.97	264.03 12.34 -157.39	137.29 8.53 -64.86	111.43 13.21 -0.88	69.12 6.56 3.38	66.76 5.15 2.71	74.56 4.58 2.26	59.41 3.04 0.20
WEST CANADA___HYD 24049	43.54 0.21 0.00	45.02 0.19 0.00	42.12 0.25 0.00	39.19 0.24 0.00	37.83 0.23 0.00	41.69 0.20 0.00	38.34 0.15 0.00	39.27 0.10 0.00	41.82 0.07 0.00	46.76 0.07 0.00	48.35 0.09 0.00	69.79 0.14 0.00	67.14 0.17 0.00	77.80 0.22 0.00	59.01 0.16 0.00	55.94 0.27 0.00	50.83 0.36 0.00	95.25 0.95 0.00	64.60 0.69 0.00	98.38 1.05 0.00	66.52 0.59 0.00	64.72 0.41 0.00	72.52 0.28 0.00	56.70 0.12 0.00
WESTERN_NY_WIND 24143	44.18 0.86 0.00	45.10 0.27 0.00	42.00 0.13 0.00	39.04 0.09 0.00	37.95 0.34 0.00	41.82 0.34 0.00	38.01 -0.18 0.00	38.88 -0.28 0.00	41.81 0.06 0.00	47.20 0.52 0.00	48.45 0.19 0.00	70.72 1.07 0.00	68.76 1.79 0.00	80.35 2.78 0.00	61.24 2.39 0.00	57.73 2.06 0.00	52.82 2.36 0.00	100.89 6.58 0.00	68.09 4.18 0.00	101.57 4.23 0.00	67.83 1.90 0.00	66.40 2.09 0.00	74.60 2.35 0.00	58.85 2.27 0.00
WESTOVER___LESR 323668	43.83 0.51 0.00	45.10 0.27 0.00	42.19 0.33 0.00	39.27 0.31 0.00	38.03 0.43 0.00	41.69 0.20 0.00	38.21 0.02 0.00	39.26 0.10 0.00	41.79 0.04 0.00	46.66 -0.03 0.00	48.36 0.10 0.00	70.12 0.47 0.00	68.10 0.64 -0.48	81.42 1.05 -2.79	61.43 0.49 -2.09	57.80 0.66 -1.47	54.82 0.92 -3.43	105.00 3.07 -7.63	68.83 1.90 -3.02	99.97 2.47 -0.17	67.25 1.32 0.00	65.53 1.21 0.00	73.14 0.90 0.00	57.04 0.46 0.00
WETHRSFD_WT_PWR 323626	43.26 0.01 0.07	44.07 -0.54 0.22	41.18 -0.69 0.01	38.27 -0.69 0.00	37.19 -0.42 0.00	40.79 -0.69 0.00	37.06 -1.13 0.00	37.85 -1.32 0.00	40.54 -1.20 0.00	45.62 -1.07 0.00	46.96 -1.30 0.00	68.62 -1.02 0.00	66.66 -0.31 0.00	77.12 -0.45 0.00	58.08 -0.77 0.00	55.07 -0.60 0.00	50.53 0.06 0.00	96.77 2.47 0.00	65.16 1.26 0.00	97.80 0.46 0.00	64.85 -1.08 0.00	63.50 -0.82 0.00	71.45 -0.79 0.00	56.07 -0.52 0.00
WHAVSTOR_138KV_BK127 55557	46.05 2.73 0.00	47.46 2.62 0.00	44.53 2.66 0.00	41.43 2.48 0.00	39.92 2.32 0.00	43.77 2.29 0.00	40.23 2.04 0.00	41.37 2.20 0.00	44.17 2.42 0.00	50.41 3.60 -0.13	55.44 4.00 -3.18	75.24 5.58 -0.02	88.97 5.69 -16.31	165.26 6.73 -80.95	124.34 5.08 -60.41	103.68 5.59 -42.42	154.86 5.47 -98.92	324.34 10.23 -219.81	157.75 6.75 -87.10	112.24 10.01 -4.89	70.62 4.68 0.00	68.02 3.71 0.00	75.70 3.46 0.00	58.92 2.34 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	46.05 2.73 0.00	47.46 2.62 0.00	44.53 2.66 0.00	41.43 2.48 0.00	39.92 2.32 0.00	43.77 2.29 0.00	40.23 2.04 0.00	41.37 2.20 0.00	44.17 2.42 0.00	50.41 3.60 -0.13	55.44 4.00 -3.18	75.24 5.58 -0.02	88.97 5.69 -16.31	165.26 6.73 -80.95	124.34 5.08 -60.41	103.68 5.59 -42.42	154.86 5.47 -98.92	324.34 10.23 -219.81	157.75 6.75 -87.10	112.24 10.01 -4.89	70.62 4.68 0.00	68.02 3.71 0.00	75.70 3.46 0.00	58.92 2.34 0.00
WHITEHAL_115KV_TB1 80871	46.13 2.81 0.00	47.94 3.11 0.00	45.13 3.27 0.00	41.78 2.82 0.00	40.31 2.70 0.00	44.72 3.24 0.00	41.17 2.98 0.00	41.93 2.76 0.00	43.30 1.55 0.00	47.04 0.53 0.18	44.77 0.91 4.40	73.10 3.48 0.02	65.13 1.52 3.36	79.56 2.62 0.64	60.82 2.18 0.21	59.31 3.65 0.00	53.81 3.34 0.00	100.92 6.62 0.00	68.36 4.45 0.00	106.79 9.45 0.00	72.74 6.81 0.00	70.23 5.92 0.00	77.77 5.53 0.00	59.67 3.09 0.00
WHITEPLN_13_KV_LOAD 356215	46.86 3.54 0.00	48.26 3.43 0.00	45.29 3.42 0.00	42.10 3.14 0.00	40.54 2.94 0.00	44.44 2.96 0.00	40.89 2.70 0.00	42.11 2.95 0.00	45.04 3.29 0.00	51.41 4.59 -0.13	56.50 5.02 -3.22	76.82 7.15 -0.02	87.71 7.20 -13.54	150.75 8.36 -64.81	113.56 6.38 -48.33	96.49 6.91 -33.91	136.25 6.70 -79.08	282.66 12.65 -175.70	141.86 8.33 -69.62	113.64 12.39 -3.91	72.26 6.32 0.00	69.53 5.22 0.00	77.25 5.01 0.00	60.03 3.45 0.00
WM_FLOYD_69_KV_BK2 356380	46.92 3.60 0.00	48.51 3.67 0.00	45.32 3.45 0.00	41.94 2.98 0.00	40.29 2.68 0.00	44.02 2.54 0.00	40.36 2.18 0.00	41.46 2.30 0.00	44.33 2.58 0.00	51.18 4.37 -0.13	55.99 4.52 -3.22	74.92 5.98 0.70	83.69 6.46 -10.27	137.97 7.53 -52.86	105.62 5.86 -40.90	91.32 6.53 -29.12	125.48 6.52 -68.49	262.81 11.30 -157.21	151.71 7.89 -79.92	112.46 12.44 -2.69	68.49 6.03 3.47	65.31 4.44 3.44	72.62 3.61 3.23	58.51 2.22 0.28
WOODARD___115KV_TB2 355635	43.00 -0.33 0.00	44.29 -0.55 0.00	41.42 -0.45 0.00	38.56 -0.40 0.00	37.28 -0.33 0.00	41.03 -0.45 0.00	37.67 -0.51 0.00	38.64 -0.52 0.00	41.22 -0.52 0.00	46.14 -0.55 0.00	47.92 -0.44 -0.11	70.66 -0.44 -1.44	67.05 -0.16 -0.24	80.19 0.02 -2.59	61.67 0.06 -2.76	56.03 0.24 -0.13	50.93 0.47 0.00	95.91 1.61 0.00	66.80 1.08 -1.82	100.64 1.32 -1.99	66.78 0.60 -0.25	67.83 0.40 -3.12	75.10 0.10 -2.76	59.09 -0.13 -2.65
WOODMERE_69_KV_BK1 55827	47.53 4.21 0.00	48.98 4.15 0.00	45.83 3.96 0.00	42.50 3.55 0.00	40.87 3.26 0.00	44.72 3.24 0.00	41.00 2.81 0.00	42.20 3.04 0.00	45.22 3.47 0.00	51.91 5.09 -0.13	56.83 5.36 -3.22	76.98 7.31 -0.02	91.72 7.65 -17.10	149.90 8.68 -63.65	112.10 6.72 -46.53	94.93 7.24 -32.02	133.79 7.08 -76.24	277.84 12.53 -171.01	139.00 8.50 -66.60	117.80 12.86 -7.61	73.73 6.44 -1.36	70.36 5.21 -0.84	77.22 4.97 0.00	59.95 3.37 0.00
YORK___WARBASSE 23770	46.92 3.60 0.00	48.30 3.47 0.00	45.42 3.55 0.00	42.22 3.27 0.00	40.65 3.04 0.00	44.50 3.02 0.00	40.97 2.79 0.00	42.24 3.08 0.00	45.14 3.39 0.00	51.49 4.67 -0.13	56.54 5.07 -3.22	76.77 7.11 -0.02	87.00 7.09 -12.94	147.13 8.19 -61.37	110.55 5.95 -45.75	94.08 6.32 -32.10	131.40 6.08 -74.85	271.68 11.08 -166.30	137.37 7.57 -65.89	112.63 11.60 -3.70	71.63 5.70 0.00	68.96 4.64 0.00	76.70 4.46 0.00	59.81 3.23 0.00