

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/01/2025

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	51.08	47.62	45.79	47.74	51.91	55.25	77.42	89.02	84.72	69.74	67.00	62.28	62.50	67.13	71.43	79.03	102.12	141.32	122.11	110.12	92.05	82.50	74.68	69.21
24138	2.75	2.35	2.10	2.14	2.24	2.53	3.97	4.64	2.88	2.44	2.15	1.94	2.01	1.90	1.75	3.11	4.40	5.57	5.48	4.74	3.63	3.25	2.87	2.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.34	0.35	0.27	0.29	0.35	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	51.22	47.80	45.96	47.92	52.06	55.41	77.57	89.19	84.88	69.94	67.19	62.46	62.69	67.26	71.57	79.18	102.32	141.59	122.34	110.33	92.22	82.74	74.89	69.41
24260	2.90	2.53	2.27	2.33	2.38	2.69	4.11	4.81	3.05	2.64	2.35	2.12	2.19	2.03	1.89	3.26	4.59	5.84	5.71	4.95	3.80	3.49	3.09	2.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.34	0.35	0.27	0.29	0.35	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	51.22	47.80	45.96	47.92	52.06	55.41	77.57	89.19	84.88	69.94	67.19	62.46	62.69	67.26	71.57	79.18	102.32	141.59	122.34	110.33	92.22	82.74	74.89	69.41
24261	2.90	2.53	2.27	2.33	2.38	2.69	4.11	4.81	3.05	2.64	2.35	2.12	2.19	2.03	1.89	3.26	4.59	5.84	5.71	4.95	3.80	3.49	3.09	2.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.34	0.35	0.27	0.29	0.35	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	51.56	48.20	46.44	48.51	52.85	56.46	77.20	88.60	85.36	69.40	66.56	61.45	61.45	66.30	71.07	78.57	101.63	142.13	122.23	109.91	92.40	82.34	74.61	69.34
24011	3.24	2.94	2.75	2.92	3.18	3.74	3.75	4.22	2.97	1.76	1.37	0.85	0.67	0.72	0.98	2.66	3.91	6.38	5.60	4.53	3.98	3.09	2.80	2.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	51.75	48.38	46.62	48.70	53.10	56.78	77.49	88.93	85.78	69.67	66.76	61.57	61.57	66.43	71.28	78.80	102.12	142.81	122.69	110.44	92.75	82.66	74.82	69.48
23798	3.43	3.12	2.93	3.10	3.42	4.06	4.04	4.55	3.38	2.03	1.56	0.97	0.79	0.85	1.19	2.88	4.40	7.05	6.06	5.06	4.33	3.41	3.02	3.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	51.56	48.20	46.44	48.51	52.85	56.46	77.20	88.60	85.36	69.40	66.56	61.45	61.45	66.30	71.07	78.57	101.63	142.13	122.23	109.91	92.40	82.34	74.61	69.34
24028	3.24	2.94	2.75	2.92	3.18	3.74	3.75	4.22	2.97	1.76	1.37	0.85	0.67	0.72	0.98	2.66	3.91	6.38	5.60	4.53	3.98	3.09	2.80	2.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	51.17	47.84	46.13	48.10	52.35	55.62	77.49	88.18	84.54	68.86	66.11	61.45	61.52	66.30	70.79	78.35	101.05	140.22	120.71	109.38	91.70	82.26	74.46	68.95
23527	2.85	2.58	2.45	2.51	2.68	2.90	4.04	3.80	2.14	1.22	0.91	0.85	0.73	0.72	0.70	2.43	3.32	4.47	4.08	4.00	3.27	3.01	2.66	2.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	49.53	46.39	44.74	46.69	50.72	53.83	74.33	85.30	82.23	67.17	64.87	60.36	60.48	65.19	69.32	76.30	98.11	136.43	117.45	106.01	88.86	79.65	72.38	67.29
24190	1.21	1.13	1.05	1.09	1.04	1.11	0.88	0.93	-0.16	-0.47	-0.33	-0.24	-0.30	-0.39	-0.77	0.38	0.39	0.68	0.82	0.63	0.44	0.40	0.57	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	48.42	45.35	43.78	45.73	49.92	53.04	73.97	85.05	81.77	67.51	65.16	60.81	61.01	65.81	70.40	77.13	98.99	137.52	117.91	106.64	90.19	80.92	73.24	67.62
355683	0.10	0.09	0.09	0.14	0.25	0.32	0.51	0.68	0.49	0.54	0.65	0.73	0.79	0.92	1.12	1.21	1.27	1.76	1.28	1.26	1.77	1.66	1.44	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12	0.67	0.69	0.53	0.57	0.69	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	50.16	46.94	45.31	47.28	51.46	54.62	75.73	86.82	83.71	68.18	65.59	60.85	60.97	65.78	70.23	77.44	99.97	139.15	119.66	108.11	90.54	81.15	73.75	68.48
323833	1.84	1.68	1.62	1.69	1.79	1.90	2.28	2.45	1.31	0.54	0.39	0.24	0.18	0.20	0.14	1.52	2.25	3.40	3.03	2.74	2.12	1.90	1.94	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	50.16	46.94	45.31	47.28	51.46	54.62	75.73	86.82	83.71	68.18	65.59	60.85	60.97	65.78	70.23	77.44	99.97	139.15	119.55	108.01	90.54	81.15	73.75	68.41
323834	1.84	1.68	1.62	1.69	1.79	1.90	2.28	2.45	1.31	0.54	0.39	0.24	0.18	0.20	0.14	1.52	2.25	3.40	2.92	2.64	2.12	1.90	1.94	1.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	49.53	46.39	44.74	46.69	50.72	53.83	74.33	85.30	82.23	67.17	64.87	60.36	60.48	65.19	69.32	76.30	98.11	136.43	117.45	106.01	88.86	79.65	72.38	67.29
23571	1.21	1.13	1.05	1.09	1.04	1.11	0.88	0.93	-0.16	-0.47	-0.33	-0.24	-0.30	-0.39	-0.77	0.38	0.39	0.68	0.82	0.63	0.44	0.40	0.57	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	49.53 1.21 0.00	46.39 1.13 0.00	44.74 1.05 0.00	46.69 1.09 0.00	50.72 1.04 0.00	53.83 1.11 0.00	74.33 0.88 0.00	85.30 0.93 0.00	82.23 -0.16 0.00	67.17 -0.47 0.00	64.87 -0.33 0.00	60.36 -0.24 0.00	60.48 -0.30 0.00	65.19 -0.39 0.00	69.32 -0.77 0.00	76.30 0.38 0.00	98.11 0.39 0.00	136.43 0.68 0.00	117.45 0.82 0.00	106.01 0.63 0.00	88.86 0.44 0.00	79.65 0.40 0.00	72.38 0.57 0.00	67.29 0.86 0.00
ALBANY___3 23573	49.53 1.21 0.00	46.39 1.13 0.00	44.74 1.05 0.00	46.69 1.09 0.00	50.72 1.04 0.00	53.83 1.11 0.00	74.33 0.88 0.00	85.30 0.93 0.00	82.23 -0.16 0.00	67.17 -0.47 0.00	64.87 -0.33 0.00	60.36 -0.24 0.00	60.48 -0.30 0.00	65.19 -0.39 0.00	69.32 -0.77 0.00	76.30 0.38 0.00	98.11 0.39 0.00	136.43 0.68 0.00	117.45 0.82 0.00	106.01 0.63 0.00	88.86 0.44 0.00	79.65 0.40 0.00	72.38 0.57 0.00	67.29 0.86 0.00
ALBANY___4 23574	49.53 1.21 0.00	46.39 1.13 0.00	44.74 1.05 0.00	46.69 1.09 0.00	50.72 1.04 0.00	53.83 1.11 0.00	74.33 0.88 0.00	85.30 0.93 0.00	82.23 -0.16 0.00	67.17 -0.47 0.00	64.87 -0.33 0.00	60.36 -0.24 0.00	60.48 -0.30 0.00	65.19 -0.39 0.00	69.32 -0.77 0.00	76.30 0.38 0.00	98.11 0.39 0.00	136.43 0.68 0.00	117.45 0.82 0.00	106.01 0.63 0.00	88.86 0.44 0.00	79.65 0.40 0.00	72.38 0.57 0.00	67.29 0.86 0.00
ALBANY___LFGE 323615	49.87 1.55 0.00	46.71 1.45 0.00	45.04 1.36 0.00	47.01 1.41 0.00	51.06 1.39 0.00	54.25 1.53 0.00	75.00 1.54 0.00	86.06 1.69 0.00	82.98 0.58 0.00	67.85 0.20 0.00	65.46 0.26 0.00	60.85 0.24 0.00	60.91 0.12 0.00	65.65 0.07 0.00	69.95 -0.14 0.00	76.98 1.06 0.00	99.19 1.47 0.00	137.79 2.04 0.00	118.38 1.75 0.00	107.06 1.68 0.00	89.66 1.24 0.00	80.36 1.11 0.00	72.95 1.15 0.00	67.75 1.33 0.00
ALCOA_PA_115KV_PL-6C 55860	48.71 0.39 0.00	45.67 0.41 0.00	44.04 0.35 0.00	46.05 0.46 0.00	50.27 0.60 0.00	53.35 0.63 0.00	74.48 1.03 0.00	85.56 1.18 0.00	81.90 0.99 1.49	67.69 0.95 0.90	65.39 1.11 0.92	60.99 1.09 0.70	61.24 1.22 0.76	66.04 1.38 0.92	70.55 1.54 1.08	77.59 1.67 0.00	100.07 2.35 0.00	139.42 3.67 0.00	119.43 2.80 0.00	108.01 2.63 0.00	90.99 2.56 0.00	81.47 2.22 0.00	73.75 1.94 0.00	68.08 1.66 0.00
ALCOA_RYNLDS___DRP 24188	48.71 0.39 0.00	45.67 0.41 0.00	44.04 0.35 0.00	46.05 0.46 0.00	50.27 0.60 0.00	53.35 0.63 0.00	74.48 1.03 0.00	85.56 1.18 0.00	81.90 0.99 1.49	67.69 0.95 0.90	65.39 1.11 0.92	60.99 1.09 0.70	61.24 1.22 0.76	66.04 1.38 0.92	70.55 1.54 1.08	77.59 1.67 0.00	100.07 2.35 0.00	139.42 3.67 0.00	119.43 2.80 0.00	108.01 2.63 0.00	90.99 2.56 0.00	81.47 2.22 0.00	73.75 1.94 0.00	68.08 1.66 0.00
ALCOA___DSASP 323711	48.71 0.39 0.00	45.67 0.41 0.00	44.04 0.35 0.00	46.05 0.46 0.00	50.27 0.60 0.00	53.35 0.63 0.00	74.48 1.03 0.00	85.56 1.18 0.00	81.90 0.99 1.49	67.69 0.95 0.90	65.39 1.11 0.92	60.99 1.09 0.70	61.24 1.22 0.76	66.04 1.38 0.92	70.55 1.54 1.08	77.59 1.67 0.00	100.07 2.35 0.00	139.42 3.67 0.00	119.43 2.80 0.00	108.01 2.63 0.00	90.99 2.56 0.00	81.47 2.22 0.00	73.75 1.94 0.00	68.08 1.66 0.00
ALLEGHENY___COGEN 23514	48.71 0.38 0.00	45.94 0.68 0.00	44.34 0.66 0.00	46.55 0.96 0.00	51.11 1.44 0.00	54.20 1.47 0.00	75.58 2.13 0.00	86.74 2.36 0.00	73.59 7.66 16.48	63.57 5.88 9.96	60.42 5.35 10.12	57.72 4.91 7.79	57.02 4.62 8.38	60.50 5.12 10.20	64.00 5.89 11.98	79.25 3.34 0.00	102.80 5.08 0.00	143.76 8.01 0.00	122.81 6.18 0.00	110.75 5.37 0.00	91.87 3.44 0.00	82.19 2.93 0.00	73.46 1.65 0.00	70.68 4.25 0.00
ALTAMONT_115KV_TB 2 55880	49.53 1.21 0.00	46.35 1.09 0.00	44.74 1.05 0.00	46.64 1.05 0.00	50.77 1.09 0.00	53.83 1.11 0.00	74.77 1.32 0.00	85.81 1.43 0.00	82.81 0.41 0.00	67.78 0.14 0.00	65.32 0.13 0.00	60.73 0.12 0.00	60.85 0.06 0.00	65.58 0.00 0.00	69.88 -0.21 0.00	76.68 0.76 0.00	98.70 0.98 0.00	137.11 1.36 0.00	118.15 1.52 0.00	106.64 1.26 0.00	89.39 0.97 0.00	80.12 0.87 0.00	72.74 0.93 0.00	67.55 1.13 0.00
ALTONA_WT_PWR 323606	47.93 -0.39 0.00	44.77 -0.50 0.00	43.12 -0.57 0.00	45.05 -0.55 0.00	49.18 -0.50 0.00	52.30 -0.42 0.00	73.09 -0.37 0.00	84.29 -0.08 0.00	81.30 -0.08 1.01	67.30 0.27 0.61	65.22 0.65 0.62	60.97 0.85 0.48	61.37 1.10 0.52	66.39 1.44 0.63	71.11 1.75 0.74	77.97 2.05 0.00	100.65 2.93 0.00	140.50 4.75 0.00	120.36 3.73 0.00	108.96 3.58 0.00	91.78 3.36 0.00	82.10 2.85 0.00	74.25 2.44 0.00	68.48 2.06 0.00
AMERICAN_REF_FUEL 24010	46.15 -2.17 0.00	43.81 -1.45 0.00	42.25 -1.44 0.00	44.36 -1.23 0.00	48.38 -1.29 0.00	49.82 -2.90 0.00	67.36 -6.10 0.00	77.29 -7.09 0.00	64.68 -4.04 13.68	57.07 -2.30 8.27	54.50 -2.28 8.41	52.25 -1.88 6.48	52.00 -1.82 6.96	55.21 -1.90 8.47	58.04 -2.10 9.95	70.53 -5.39 0.00	89.32 -8.40 0.00	121.90 -13.85 0.00	105.08 -11.55 0.00	94.42 -10.96 0.00	79.32 -9.11 0.00	71.80 -7.45 0.00	65.70 -6.10 0.00	61.64 -4.78 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	45.42 -2.90 0.00	43.18 -2.08 0.00	41.81 -1.88 0.00	44.13 -1.46 0.00	48.53 -1.14 0.00	51.30 -1.42 0.00	71.10 -2.35 0.00	82.35 -2.03 0.00	69.20 1.56 14.76	60.88 2.16 8.93	58.20 2.09 9.08	55.86 2.24 6.99	55.58 2.31 7.52	58.99 2.56 9.14	61.95 2.59 10.74	75.84 -0.08 0.00	96.45 -1.27 0.00	132.36 -3.39 0.00	113.49 -3.14 0.00	101.90 -3.47 0.00	85.06 -3.36 0.00	76.79 -2.46 0.00	69.80 -2.01 0.00	64.90 -1.53 0.00
ARTHUR KILL_GT_1 23520	52.00 3.67 -0.01	48.57 3.30 -0.01	46.62 2.93 -0.01	48.70 3.10 -0.01	52.90 3.23 0.00	56.15 3.43 0.00	78.08 4.63 0.00	89.61 5.23 0.00	85.05 3.21 0.57	70.21 2.91 0.34	67.45 2.61 0.35	62.34 2.00 0.27	62.57 2.07 0.29	66.61 1.38 0.35	70.24 0.56 0.41	77.58 1.67 0.01	100.74 3.03 0.01	139.41 3.67 0.01	120.59 3.97 0.01	108.85 3.48 0.01	91.07 2.65 0.01	81.62 2.38 0.01	74.10 2.30 0.00	69.48 3.06 0.00
ARTHUR_KILL_2 23512	51.86 3.53 -0.01	48.44 3.17 -0.01	46.53 2.84 -0.01	48.52 2.92 -0.01	52.75 3.08 0.00	55.99 3.27 0.00	77.78 4.33 0.00	89.35 4.98 0.00	84.79 2.96 0.57	69.94 2.64 0.34	67.26 2.41 0.35	62.16 1.82 0.27	62.39 1.89 0.29	66.41 1.18 0.35	70.03 0.35 0.41	77.35 1.44 0.01	100.45 2.73 0.01	138.87 3.12 0.01	120.01 3.38 0.01	108.43 3.06 0.01	90.80 2.39 0.01	81.30 2.06 0.01	73.89 2.08 0.00	68.95 2.52 0.00
ARTHUR_KILL_3 23513	50.64 2.32 0.00	47.25 1.99 0.00	45.44 1.75 0.00	47.33 1.73 0.00	51.41 1.74 0.00	54.78 2.05 0.00	76.76 3.31 0.00	88.18 3.80 0.00	83.89 2.06 0.57	69.06 1.76 0.34	66.41 1.56 0.35	61.67 1.33 0.27	61.90 1.40 0.29	66.47 1.24 0.35	70.73 1.05 0.41	78.27 2.36 0.00	101.05 3.32 0.00	139.82 4.07 0.00	120.71 4.08 0.00	108.96 3.58 0.00	91.17 2.74 0.00	81.71 2.46 0.00	74.03 2.23 0.00	68.41 1.99 0.00

ARTHUR_KILL_COGEN 323718	52.00 3.67 -0.01	48.57 3.30 -0.01	46.62 2.93 -0.01	48.66 3.06 -0.01	52.90 3.23 0.00	56.15 3.42 0.00	78.08 4.63 0.00	89.61 5.23 0.00	85.04 3.21 0.57	70.21 2.91 0.34	67.46 2.61 0.35	62.34 2.00 0.27	62.57 2.07 0.29	66.61 1.38 0.35	70.24 0.56 0.41	77.58 1.67 0.01	100.75 3.03 0.01	139.41 3.67 0.01	120.35 3.73 0.01	108.84 3.47 0.01	91.06 2.65 0.01	81.62 2.38 0.01	74.10 2.30 0.00	69.15 2.72 0.00
ASHOKAN____ 23654	50.69 2.37 0.00	47.39 2.13 0.00	45.61 1.92 0.00	47.69 2.10 0.00	52.11 2.43 0.00	55.20 2.48 0.00	77.34 3.89 0.00	88.93 4.55 0.00	85.36 2.96 0.00	69.00 1.35 0.00	65.91 0.72 0.00	61.03 0.43 0.00	61.21 0.43 0.00	65.98 0.40 0.00	70.72 0.63 0.00	78.27 2.36 0.00	102.22 4.50 0.00	143.35 7.60 0.00	123.16 6.53 0.00	111.28 5.90 0.00	92.84 4.42 0.00	83.13 3.88 0.00	75.25 3.45 0.00	69.48 3.06 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.08 2.75 -0.01	47.71 2.44 -0.01	46.01 2.31 -0.01	47.84 2.23 -0.01	51.96 2.29 0.00	55.04 2.32 0.00	76.16 2.72 0.01	87.83 3.46 0.01	83.47 1.65 0.57	68.85 1.56 0.35	66.27 1.43 0.36	61.61 1.27 0.28	61.77 1.28 0.30	66.21 0.99 0.36	70.17 0.49 0.42	77.43 1.52 0.01	100.55 2.84 0.01	139.00 3.25 0.01	120.01 3.38 0.01	108.43 3.06 0.01	90.63 2.21 0.01	81.30 2.06 0.01	73.53 1.72 0.00	68.48 2.06 0.00
ASTORIA_EAST_ENERGY_CC2 323582	51.08 2.75 -0.01	47.71 2.44 -0.01	46.01 2.31 -0.01	47.84 2.23 -0.01	51.96 2.29 0.00	55.04 2.32 0.00	76.16 2.72 0.01	87.83 3.46 0.01	83.47 1.65 0.57	68.85 1.56 0.35	66.27 1.43 0.36	61.61 1.27 0.28	61.77 1.28 0.30	66.21 0.99 0.36	70.17 0.49 0.42	77.43 1.52 0.01	100.55 2.84 0.01	139.00 3.25 0.01	120.01 3.38 0.01	108.43 3.06 0.01	90.63 2.21 0.01	81.30 2.06 0.01	73.53 1.72 0.00	68.48 2.06 0.00
ASTORIA_GT2_1 24094	51.13 2.80 -0.01	47.71 2.44 -0.01	46.06 2.36 -0.01	47.88 2.28 -0.01	52.01 2.33 0.00	55.04 2.32 0.00	76.16 2.72 0.01	87.83 3.46 0.01	83.55 1.73 0.57	68.86 1.56 0.34	66.28 1.43 0.35	61.67 1.33 0.27	61.84 1.34 0.29	66.22 0.98 0.35	70.17 0.49 0.41	77.58 1.67 0.01	100.55 2.83 0.01	139.00 3.26 0.01	120.35 3.73 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.53 1.72 0.00	68.75 2.32 0.00
ASTORIA_GT2_2 24095	51.13 2.80 -0.01	47.71 2.44 -0.01	46.06 2.36 -0.01	47.88 2.28 -0.01	52.01 2.33 0.00	55.04 2.32 0.00	76.16 2.72 0.01	87.83 3.46 0.01	83.55 1.73 0.57	68.86 1.56 0.34	66.28 1.43 0.35	61.67 1.33 0.27	61.84 1.34 0.29	66.22 0.98 0.35	70.17 0.49 0.41	77.58 1.67 0.01	100.55 2.83 0.01	139.00 3.26 0.01	120.35 3.73 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.53 1.72 0.00	68.75 2.32 0.00
ASTORIA_GT2_3 24096	51.13 2.80 -0.01	47.71 2.44 -0.01	46.06 2.36 -0.01	47.88 2.28 -0.01	52.01 2.33 0.00	55.04 2.32 0.00	76.16 2.72 0.01	87.83 3.46 0.01	83.55 1.73 0.57	68.86 1.56 0.34	66.28 1.43 0.35	61.67 1.33 0.27	61.84 1.34 0.29	66.22 0.98 0.35	70.17 0.49 0.41	77.58 1.67 0.01	100.55 2.83 0.01	139.00 3.26 0.01	120.35 3.73 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.53 1.72 0.00	68.75 2.32 0.00
ASTORIA_GT2_4 24097	51.13 2.80 -0.01	47.71 2.44 -0.01	46.06 2.36 -0.01	47.88 2.28 -0.01	52.01 2.33 0.00	55.04 2.32 0.00	76.16 2.72 0.01	87.83 3.46 0.01	83.55 1.73 0.57	68.86 1.56 0.34	66.28 1.43 0.35	61.67 1.33 0.27	61.84 1.34 0.29	66.22 0.98 0.35	70.17 0.49 0.41	77.58 1.67 0.01	100.55 2.83 0.01	139.00 3.26 0.01	120.35 3.73 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.53 1.72 0.00	68.75 2.32 0.00
ASTORIA_GT3_1 24098	51.13 2.80 -0.01	47.71 2.44 -0.01	46.06 2.36 -0.01	47.88 2.28 -0.01	52.01 2.33 0.00	55.04 2.32 0.00	76.16 2.72 0.01	87.83 3.46 0.01	83.55 1.73 0.57	68.86 1.56 0.34	66.28 1.43 0.35	61.67 1.33 0.27	61.84 1.34 0.29	66.22 0.98 0.35	70.17 0.49 0.41	77.58 1.67 0.01	100.55 2.83 0.01	139.00 3.26 0.01	120.35 3.73 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.53 1.72 0.00	68.75 2.32 0.00
ASTORIA_GT3_2 24099	51.13 2.80 -0.01	47.71 2.44 -0.01	46.06 2.36 -0.01	47.88 2.28 -0.01	52.01 2.33 0.00	55.04 2.32 0.00	76.16 2.72 0.01	87.83 3.46 0.01	83.55 1.73 0.57	68.86 1.56 0.34	66.28 1.43 0.35	61.67 1.33 0.27	61.84 1.34 0.29	66.22 0.98 0.35	70.17 0.49 0.41	77.58 1.67 0.01	100.55 2.83 0.01	139.00 3.26 0.01	120.35 3.73 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.53 1.72 0.00	68.75 2.32 0.00
ASTORIA_GT3_3 24100	51.13 2.80 -0.01	47.71 2.44 -0.01	46.06 2.36 -0.01	47.88 2.28 -0.01	52.01 2.33 0.00	55.04 2.32 0.00	76.16 2.72 0.01	87.83 3.46 0.01	83.55 1.73 0.57	68.86 1.56 0.34	66.28 1.43 0.35	61.67 1.33 0.27	61.84 1.34 0.29	66.22 0.98 0.35	70.17 0.49 0.41	77.58 1.67 0.01	100.55 2.83 0.01	139.00 3.26 0.01	120.35 3.73 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.53 1.72 0.00	68.75 2.32 0.00
ASTORIA_GT3_4 24101	51.13 2.80 -0.01	47.71 2.44 -0.01	46.06 2.36 -0.01	47.88 2.28 -0.01	52.01 2.33 0.00	55.04 2.32 0.00	76.16 2.72 0.01	87.83 3.46 0.01	83.55 1.73 0.57	68.86 1.56 0.34	66.28 1.43 0.35	61.67 1.33 0.27	61.84 1.34 0.29	66.22 0.98 0.35	70.17 0.49 0.41	77.58 1.67 0.01	100.55 2.83 0.01	139.00 3.26 0.01	120.35 3.73 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.53 1.72 0.00	68.75 2.32 0.00
ASTORIA_GT4_1 24102	51.13 2.80 -0.01	47.71 2.44 -0.01	46.06 2.36 -0.01	47.88 2.28 -0.01	52.01 2.33 0.00	55.04 2.32 0.00	76.16 2.72 0.01	87.83 3.46 0.01	83.55 1.73 0.57	68.86 1.56 0.34	66.28 1.43 0.35	61.67 1.33 0.27	61.84 1.34 0.29	66.22 0.98 0.35	70.17 0.49 0.41	77.58 1.67 0.01	100.55 2.83 0.01	139.00 3.26 0.01	120.35 3.73 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.53 1.72 0.00	68.75 2.32 0.00
ASTORIA_GT4_2 24103	51.13 2.80 -0.01	47.71 2.44 -0.01	46.06 2.36 -0.01	47.88 2.28 -0.01	52.01 2.33 0.00	55.04 2.32 0.00	76.16 2.72 0.01	87.83 3.46 0.01	83.55 1.73 0.57	68.86 1.56 0.34	66.28 1.43 0.35	61.67 1.33 0.27	61.84 1.34 0.29	66.22 0.98 0.35	70.17 0.49 0.41	77.58 1.67 0.01	100.55 2.83 0.01	139.00 3.26 0.01	120.35 3.73 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.53 1.72 0.00	68.75 2.32 0.00
ASTORIA_GT4_3 24104	51.13 2.80 -0.01	47.71 2.44 -0.01	46.06 2.36 -0.01	47.88 2.28 -0.01	52.01 2.33 0.00	55.04 2.32 0.00	76.16 2.72 0.01	87.83 3.46 0.01	83.55 1.73 0.57	68.86 1.56 0.34	66.28 1.43 0.35	61.67 1.33 0.27	61.84 1.34 0.29	66.22 0.98 0.35	70.17 0.49 0.41	77.58 1.67 0.01	100.55 2.83 0.01	139.00 3.26 0.01	120.35 3.73 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.53 1.72 0.00	68.75 2.32 0.00

ASTORIA_GT4_4 24105	51.13 2.80 -0.01	47.71 2.44 -0.01	46.06 2.36 -0.01	47.88 2.28 -0.01	52.01 2.33 0.00	55.04 2.32 0.00	76.16 2.72 0.01	87.83 3.46 0.01	83.55 1.73 0.57	68.86 1.56 0.34	66.28 1.43 0.35	61.67 1.33 0.27	61.84 1.34 0.29	66.22 0.98 0.35	70.17 0.49 0.41	77.58 1.67 0.01	100.55 2.83 0.01	139.00 3.26 0.01	120.35 3.73 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.53 1.72 0.00	68.75 2.32 0.00
ASTORIA_GT_1 23523	51.18 2.85 -0.01	47.81 2.53 -0.01	46.10 2.40 -0.01	47.93 2.33 -0.01	52.06 2.38 0.00	55.15 2.43 0.00	76.31 2.86 0.01	88.08 3.71 0.01	83.72 1.90 0.57	69.06 1.76 0.34	66.48 1.63 0.35	61.79 1.45 0.27	62.02 1.52 0.29	66.35 1.11 0.35	70.31 0.63 0.41	77.73 1.82 0.01	100.74 3.03 0.01	139.41 3.67 0.01	120.59 3.97 0.01	108.74 3.37 0.01	90.89 2.48 0.01	81.54 2.30 0.01	73.67 1.87 0.00	68.88 2.46 0.00
ASTORIA_GT_10 24110	51.23 2.90 -0.01	47.81 2.53 -0.01	45.97 2.27 -0.01	47.93 2.33 -0.01	51.96 2.28 0.00	55.20 2.48 0.00	76.60 3.16 0.01	88.08 3.71 0.01	83.72 1.90 0.57	69.27 1.96 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.14 1.64 0.29	66.61 1.38 0.35	70.59 0.91 0.41	77.96 2.05 0.01	100.65 2.93 0.01	139.27 3.53 0.01	120.47 3.85 0.01	108.64 3.27 0.01	90.89 2.48 0.01	81.46 2.22 0.01	73.96 2.15 0.00	68.95 2.52 0.00
ASTORIA_GT_11 24225	51.23 2.90 -0.01	47.81 2.53 -0.01	45.97 2.27 -0.01	47.93 2.33 -0.01	51.96 2.28 0.00	55.20 2.48 0.00	76.60 3.16 0.01	88.08 3.71 0.01	83.72 1.90 0.57	69.27 1.96 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.14 1.64 0.29	66.61 1.38 0.35	70.59 0.91 0.41	77.96 2.05 0.01	100.65 2.93 0.01	139.27 3.53 0.01	120.47 3.85 0.01	108.64 3.27 0.01	90.89 2.48 0.01	81.46 2.22 0.01	73.96 2.15 0.00	68.95 2.52 0.00
ASTORIA_GT_12 24226	51.23 2.90 -0.01	47.81 2.53 -0.01	45.97 2.27 -0.01	47.93 2.33 -0.01	51.96 2.28 0.00	55.20 2.48 0.00	76.60 3.16 0.01	88.08 3.71 0.01	83.72 1.90 0.57	69.27 1.96 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.14 1.64 0.29	66.61 1.38 0.35	70.59 0.91 0.41	77.96 2.05 0.01	100.65 2.93 0.01	139.27 3.53 0.01	120.47 3.85 0.01	108.64 3.27 0.01	90.89 2.48 0.01	81.46 2.22 0.01	73.96 2.15 0.00	68.95 2.52 0.00
ASTORIA_GT_13 24227	51.23 2.90 -0.01	47.81 2.53 -0.01	45.97 2.27 -0.01	47.93 2.33 -0.01	51.96 2.28 0.00	55.20 2.48 0.00	76.60 3.16 0.01	88.08 3.71 0.01	83.72 1.90 0.57	69.27 1.96 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.14 1.64 0.29	66.61 1.38 0.35	70.59 0.91 0.41	77.96 2.05 0.01	100.65 2.93 0.01	139.27 3.53 0.01	120.47 3.85 0.01	108.64 3.27 0.01	90.89 2.48 0.01	81.46 2.22 0.01	73.96 2.15 0.00	68.95 2.52 0.00
ASTORIA_GT_5 24106	51.18 2.85 -0.01	47.81 2.53 -0.01	46.10 2.40 -0.01	47.93 2.33 -0.01	52.06 2.38 0.00	55.15 2.43 0.00	76.31 2.86 0.01	88.08 3.71 0.01	83.72 1.90 0.57	69.06 1.76 0.34	66.48 1.63 0.35	61.79 1.45 0.27	62.02 1.52 0.29	66.35 1.11 0.35	70.31 0.63 0.41	77.73 1.82 0.01	100.74 3.03 0.01	139.41 3.67 0.01	120.59 3.97 0.01	108.74 3.37 0.01	90.89 2.48 0.01	81.54 2.30 0.01	73.67 1.87 0.00	68.88 2.46 0.00
ASTORIA_GT_7 24107	51.18 2.85 -0.01	47.81 2.53 -0.01	46.10 2.40 -0.01	47.93 2.33 -0.01	52.06 2.38 0.00	55.15 2.43 0.00	76.31 2.86 0.01	88.08 3.71 0.01	83.72 1.90 0.57	69.06 1.76 0.34	66.48 1.63 0.35	61.79 1.45 0.27	62.02 1.52 0.29	66.35 1.11 0.35	70.31 0.63 0.41	77.73 1.82 0.01	100.74 3.03 0.01	139.41 3.67 0.01	120.59 3.97 0.01	108.74 3.37 0.01	90.89 2.48 0.01	81.54 2.30 0.01	73.67 1.87 0.00	68.88 2.46 0.00
ASTORIA_GT_8 24108	51.18 2.85 -0.01	47.81 2.53 -0.01	46.10 2.40 -0.01	47.93 2.33 -0.01	52.06 2.38 0.00	55.15 2.43 0.00	76.31 2.86 0.01	88.08 3.71 0.01	83.72 1.90 0.57	69.06 1.76 0.34	66.48 1.63 0.35	61.79 1.45 0.27	62.02 1.52 0.29	66.35 1.11 0.35	70.31 0.63 0.41	77.73 1.82 0.01	100.74 3.03 0.01	139.41 3.67 0.01	120.59 3.97 0.01	108.74 3.37 0.01	90.89 2.48 0.01	81.54 2.30 0.01	73.67 1.87 0.00	68.88 2.46 0.00
ASTORIA___2 24149	51.13 2.80 -0.01	47.71 2.44 -0.01	46.05 2.36 -0.01	47.84 2.23 -0.01	52.01 2.34 0.00	55.10 2.37 0.00	76.16 2.72 0.01	87.83 3.46 0.01	83.56 1.73 0.57	68.85 1.56 0.35	66.27 1.43 0.36	61.66 1.33 0.28	61.83 1.34 0.30	66.21 0.99 0.36	70.17 0.49 0.42	77.51 1.60 0.01	100.64 2.93 0.01	139.00 3.25 0.01	120.12 3.50 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.53 1.72 0.00	68.55 2.12 0.00
ASTORIA___3 23516	51.23 2.90 -0.01	47.80 2.53 -0.01	45.97 2.27 -0.01	47.88 2.28 -0.01	51.96 2.29 0.00	55.20 2.48 0.00	76.60 3.16 0.01	88.08 3.71 0.01	83.72 1.90 0.57	69.27 1.96 0.34	66.67 1.82 0.35	61.98 1.64 0.27	62.14 1.64 0.29	66.61 1.38 0.35	70.59 0.91 0.41	77.88 1.97 0.01	100.75 3.03 0.01	139.27 3.52 0.01	120.24 3.62 0.01	108.64 3.27 0.01	90.89 2.47 0.01	81.46 2.22 0.01	73.96 2.15 0.00	68.81 2.39 0.00
ASTORIA___4 23517	51.23 2.90 -0.01	47.81 2.53 -0.01	45.97 2.27 -0.01	47.93 2.33 -0.01	51.96 2.28 0.00	55.20 2.48 0.00	76.60 3.16 0.01	88.08 3.71 0.01	83.72 1.90 0.57	69.27 1.96 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.14 1.64 0.29	66.61 1.38 0.35	70.59 0.91 0.41	77.96 2.05 0.01	100.65 2.93 0.01	139.27 3.53 0.01	120.47 3.85 0.01	108.64 3.27 0.01	90.89 2.48 0.01	81.46 2.22 0.01	73.96 2.15 0.00	68.95 2.52 0.00
ASTORIA___5 23518	51.23 2.90 -0.01	47.80 2.53 -0.01	45.97 2.27 -0.01	47.88 2.28 -0.01	51.96 2.29 0.00	55.20 2.48 0.00	76.60 3.16 0.01	88.08 3.71 0.01	83.72 1.90 0.57	69.27 1.96 0.34	66.67 1.82 0.35	61.98 1.64 0.27	62.14 1.64 0.29	66.61 1.38 0.35	70.59 0.91 0.41	77.88 1.97 0.01	100.75 3.03 0.01	139.27 3.52 0.01	120.24 3.62 0.01	108.64 3.27 0.01	90.89 2.47 0.01	81.46 2.22 0.01	73.96 2.15 0.00	68.81 2.39 0.00
AST_ENERGY_2_CC3 323677	50.55 2.22 -0.01	47.17 1.90 -0.01	45.66 1.97 -0.01	47.29 1.69 -0.01	51.41 1.74 0.00	54.46 1.74 0.00	75.28 1.84 0.01	86.90 2.53 0.01	82.56 0.74 0.57	68.04 0.75 0.35	65.49 0.65 0.36	60.87 0.54 0.28	61.10 0.61 0.30	65.42 0.20 0.36	69.32 -0.35 0.42	76.59 0.68 0.01	99.48 1.76 0.01	137.50 1.76 0.01	118.72 2.10 0.01	107.27 1.90 0.01	89.74 1.33 0.01	80.43 1.19 0.01	72.74 0.93 0.00	67.75 1.33 0.00
AST_ENERGY_2_CC4 323678	50.55 2.22 -0.01	47.17 1.90 -0.01	45.66 1.97 -0.01	47.29 1.69 -0.01	51.41 1.74 0.00	54.46 1.74 0.00	75.28 1.84 0.01	86.90 2.53 0.01	82.56 0.74 0.57	68.04 0.75 0.35	65.49 0.65 0.36	60.87 0.54 0.28	61.10 0.61 0.30	65.42 0.20 0.36	69.32 -0.35 0.42	76.59 0.68 0.01	99.48 1.76 0.01	137.50 1.76 0.01	118.72 2.10 0.01	107.27 1.90 0.01	89.74 1.33 0.01	80.43 1.19 0.01	72.74 0.93 0.00	67.75 1.33 0.00

ATHENS_STG_1 23668	49.77 1.45 0.00	46.53 1.27 0.00	44.91 1.22 0.00	46.82 1.23 0.00	50.96 1.29 0.00	54.04 1.32 0.00	75.36 1.91 0.00	86.49 2.11 0.00	83.22 0.82 0.00	68.18 0.54 0.00	65.65 0.46 0.00	60.97 0.37 0.00	61.09 0.31 0.00	65.84 0.26 0.00	70.09 0.00 0.00	76.98 1.06 0.00	99.19 1.47 0.00	137.65 1.90 0.00	118.49 1.86 0.00	107.06 1.68 0.00	89.75 1.33 0.00	80.44 1.19 0.00	73.03 1.22 0.00	67.68 1.26 0.00
ATHENS_STG_2 23670	49.77 1.45 0.00	46.53 1.27 0.00	44.91 1.22 0.00	46.82 1.23 0.00	50.96 1.29 0.00	54.04 1.32 0.00	75.36 1.91 0.00	86.49 2.11 0.00	83.22 0.82 0.00	68.18 0.54 0.00	65.65 0.46 0.00	60.97 0.37 0.00	61.09 0.31 0.00	65.84 0.26 0.00	70.09 0.00 0.00	76.98 1.06 0.00	99.19 1.47 0.00	137.65 1.90 0.00	118.49 1.86 0.00	107.06 1.68 0.00	89.75 1.33 0.00	80.44 1.19 0.00	73.03 1.22 0.00	67.68 1.26 0.00
ATHENS_STG_3 23677	49.77 1.45 0.00	46.53 1.27 0.00	44.91 1.22 0.00	46.82 1.23 0.00	50.96 1.29 0.00	54.04 1.32 0.00	75.36 1.91 0.00	86.49 2.11 0.00	83.22 0.82 0.00	68.18 0.54 0.00	65.65 0.46 0.00	60.97 0.37 0.00	61.09 0.31 0.00	65.84 0.26 0.00	70.09 0.00 0.00	76.98 1.06 0.00	99.19 1.47 0.00	137.65 1.90 0.00	118.49 1.86 0.00	107.06 1.68 0.00	89.75 1.33 0.00	80.44 1.19 0.00	73.03 1.22 0.00	67.68 1.26 0.00
AUBURN____LFGE 323710	47.79 -0.53 0.00	44.76 -0.50 0.00	43.29 -0.39 0.00	45.18 -0.41 0.00	49.28 -0.40 0.00	52.35 -0.37 0.00	73.16 -0.29 0.00	83.70 -0.68 0.00	58.74 -0.66 23.00	53.21 -0.54 13.90	50.41 -0.65 14.13	49.06 -0.67 10.87	48.30 -0.79 11.70	50.56 -0.79 14.23	52.53 -0.84 16.72	75.54 -0.38 0.00	96.94 -0.78 0.00	134.94 -0.81 0.00	115.46 -1.17 0.00	104.54 -0.84 0.00	87.36 -1.06 0.00	78.38 -0.87 0.00	70.73 -1.08 0.00	65.29 -1.13 0.00
BABYLON_RES_REC 323704	52.04 3.72 0.00	48.34 3.08 0.00	46.53 2.84 0.00	48.15 2.55 0.00	52.60 2.93 0.00	56.52 3.80 0.00	78.59 5.14 0.00	90.71 6.33 0.00	84.71 2.88 0.56	68.45 1.15 0.34	66.61 1.76 0.35	61.61 1.27 0.27	61.83 1.34 0.29	67.07 1.83 0.35	71.50 1.82 0.41	80.63 4.71 0.00	104.57 6.84 -0.01	142.13 6.38 0.00	124.33 7.70 -0.01	112.65 7.27 -0.01	101.10 5.92 -6.75	99.38 5.39 -14.73	76.91 5.10 -0.01	71.15 4.72 -0.01
BALL_HILL_WT_PWR 323825	46.25 -2.08 0.00	43.91 -1.36 0.00	42.38 -1.31 0.00	44.59 -1.00 0.00	48.78 -0.89 0.00	51.25 -1.48 0.00	70.74 -2.72 0.00	81.34 -3.03 0.00	68.28 0.50 14.62	59.95 1.15 8.84	57.25 1.04 8.99	54.90 1.21 6.92	54.62 1.28 7.44	57.97 1.44 9.05	60.94 1.47 10.63	74.55 -1.36 0.00	94.79 -2.93 0.00	129.92 -5.83 0.00	111.50 -5.13 0.00	100.32 -5.06 0.00	83.92 -4.51 0.00	75.77 -3.49 0.00	68.93 -2.87 0.00	64.23 -2.19 0.00
BARON_WINDS____WT_PWR 323822	46.34 -1.98 0.00	43.77 -1.49 0.00	42.33 -1.35 0.00	44.50 -1.09 0.00	48.73 -0.95 0.00	51.56 -1.16 0.00	71.47 -1.98 0.00	81.51 -2.87 0.00	60.89 -0.33 21.18	54.71 -0.14 12.80	51.98 -0.19 13.02	50.59 0.00 10.02	50.01 0.00 10.77	52.60 0.13 13.11	54.76 0.07 15.40	74.70 -1.22 0.00	95.57 -2.15 0.00	132.09 -3.66 0.00	113.13 -3.50 0.00	102.00 -3.38 0.00	85.15 -3.27 0.00	76.48 -2.78 0.00	69.15 -2.66 0.00	64.10 -2.33 0.00
BARRETT_IC_1 23704	51.56 3.24 0.00	47.93 2.67 0.00	46.13 2.45 0.00	47.83 2.23 0.00	52.16 2.48 0.00	55.94 3.22 0.00	77.93 4.48 0.00	89.86 5.48 0.00	84.30 2.47 0.56	68.32 1.02 0.34	66.41 1.56 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.74 1.51 0.35	71.16 1.47 0.41	79.79 3.87 0.00	103.21 5.47 -0.02	141.19 5.44 -0.01	123.17 6.53 -0.02	111.19 5.79 -0.02	99.60 4.42 -6.76	98.03 4.04 -14.74	75.91 4.09 -0.01	70.21 3.78 -0.01
BARRETT_IC_10 23701	51.56 3.24 0.00	47.93 2.67 0.00	46.13 2.45 0.00	47.83 2.23 0.00	52.16 2.48 0.00	55.94 3.22 0.00	77.93 4.48 0.00	89.86 5.48 0.00	84.30 2.47 0.56	68.32 1.02 0.34	66.41 1.56 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.74 1.51 0.35	71.16 1.47 0.41	79.79 3.87 0.00	103.21 5.47 -0.02	141.19 5.44 -0.01	123.17 6.53 -0.02	111.19 5.79 -0.02	99.60 4.42 -6.76	98.03 4.04 -14.74	75.91 4.09 -0.01	70.21 3.78 -0.01
BARRETT_IC_11 23702	51.56 3.24 0.00	47.93 2.67 0.00	46.13 2.45 0.00	47.83 2.23 0.00	52.16 2.48 0.00	55.94 3.22 0.00	77.93 4.48 0.00	89.86 5.48 0.00	84.30 2.47 0.56	68.32 1.02 0.34	66.41 1.56 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.74 1.51 0.35	71.16 1.47 0.41	79.79 3.87 0.00	103.21 5.47 -0.02	141.19 5.44 -0.01	123.17 6.53 -0.02	111.19 5.79 -0.02	99.60 4.42 -6.76	98.03 4.04 -14.74	75.91 4.09 -0.01	70.21 3.78 -0.01
BARRETT_IC_12 23703	51.56 3.24 0.00	47.93 2.67 0.00	46.13 2.45 0.00	47.83 2.23 0.00	52.16 2.48 0.00	55.94 3.22 0.00	77.93 4.48 0.00	89.86 5.48 0.00	84.30 2.47 0.56	68.32 1.02 0.34	66.41 1.56 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.74 1.51 0.35	71.16 1.47 0.41	79.79 3.87 0.00	103.21 5.47 -0.02	141.19 5.44 -0.01	123.17 6.53 -0.02	111.19 5.79 -0.02	99.60 4.42 -6.76	98.03 4.04 -14.74	75.91 4.09 -0.01	70.21 3.78 -0.01
BARRETT_IC_2 23705	51.56 3.24 0.00	47.93 2.67 0.00	46.13 2.45 0.00	47.83 2.23 0.00	52.16 2.48 0.00	55.94 3.22 0.00	77.93 4.48 0.00	89.86 5.48 0.00	84.30 2.47 0.56	68.32 1.02 0.34	66.41 1.56 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.74 1.51 0.35	71.16 1.47 0.41	79.79 3.87 0.00	103.21 5.47 -0.02	141.19 5.44 -0.01	123.17 6.53 -0.02	111.19 5.79 -0.02	99.60 4.42 -6.76	98.03 4.04 -14.74	75.91 4.09 -0.01	70.21 3.78 -0.01
BARRETT_IC_3 23706	51.56 3.24 0.00	47.93 2.67 0.00	46.13 2.45 0.00	47.83 2.23 0.00	52.16 2.48 0.00	55.94 3.22 0.00	77.93 4.48 0.00	89.86 5.48 0.00	84.30 2.47 0.56	68.32 1.02 0.34	66.41 1.56 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.74 1.51 0.35	71.16 1.47 0.41	79.79 3.87 0.00	103.21 5.47 -0.02	141.19 5.44 -0.01	123.17 6.53 -0.02	111.19 5.79 -0.02	99.60 4.42 -6.76	98.03 4.04 -14.74	75.91 4.09 -0.01	70.21 3.78 -0.01
BARRETT_IC_4 23707	51.56 3.24 0.00	47.93 2.67 0.00	46.13 2.45 0.00	47.83 2.23 0.00	52.16 2.48 0.00	55.94 3.22 0.00	77.93 4.48 0.00	89.86 5.48 0.00	84.30 2.47 0.56	68.32 1.02 0.34	66.41 1.56 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.74 1.51 0.35	71.16 1.47 0.41	79.79 3.87 0.00	103.21 5.47 -0.02	141.19 5.44 -0.01	123.17 6.53 -0.02	111.19 5.79 -0.02	99.60 4.42 -6.76	98.03 4.04 -14.74	75.91 4.09 -0.01	70.21 3.78 -0.01
BARRETT_IC_5 23708	51.56 3.24 0.00	47.93 2.67 0.00	46.13 2.45 0.00	47.83 2.23 0.00	52.16 2.48 0.00	55.94 3.22 0.00	77.93 4.48 0.00	89.86 5.48 0.00	84.30 2.47 0.56	68.32 1.02 0.34	66.41 1.56 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.74 1.51 0.35	71.16 1.47 0.41	79.79 3.87 0.00	103.21 5.47 -0.02	141.19 5.44 -0.01	123.17 6.53 -0.02	111.19 5.79 -0.02	99.60 4.42 -6.76	98.03 4.04 -14.74	75.91 4.09 -0.01	70.21 3.78 -0.01

BARRETT_IC_6 23709	51.56 3.24 0.00	47.93 2.67 0.00	46.13 2.45 0.00	47.83 2.23 0.00	52.16 2.48 0.00	55.94 3.22 0.00	77.93 4.48 0.00	89.86 5.48 0.00	84.30 2.47 0.56	68.32 1.02 0.34	66.41 1.56 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.74 1.51 0.35	71.16 1.47 0.41	79.79 3.87 0.00	103.21 5.47 -0.02	141.19 5.44 -0.01	123.17 6.53 -0.02	111.19 5.79 -0.02	99.60 4.42 -6.76	98.03 4.04 -14.74	75.91 4.09 -0.01	70.21 3.78 -0.01
BARRETT_IC_7 23710	51.56 3.24 0.00	47.93 2.67 0.00	46.13 2.45 0.00	47.87 2.28 0.00	52.16 2.48 0.00	55.88 3.16 0.00	77.93 4.48 0.00	89.86 5.48 0.00	84.30 2.47 0.56	68.39 1.08 0.34	66.41 1.56 0.35	61.49 1.15 0.27	61.78 1.28 0.29	66.67 1.44 0.35	71.15 1.47 0.41	79.87 3.95 0.00	103.20 5.47 -0.01	141.19 5.43 -0.01	123.28 6.65 -0.01	111.18 5.80 -0.01	99.60 4.42 -6.76	98.03 4.04 -14.74	75.90 4.09 0.00	70.34 3.92 0.00
BARRETT_IC_8 23711	51.56 3.24 0.00	47.93 2.67 0.00	46.13 2.45 0.00	47.83 2.23 0.00	52.16 2.48 0.00	55.94 3.22 0.00	77.93 4.48 0.00	89.86 5.48 0.00	84.30 2.47 0.56	68.32 1.02 0.34	66.41 1.56 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.74 1.51 0.35	71.16 1.47 0.41	79.79 3.87 0.00	103.21 5.47 -0.02	141.19 5.44 -0.01	123.17 6.53 -0.02	111.19 5.79 -0.02	99.60 4.42 -6.76	98.03 4.04 -14.74	75.91 4.09 -0.01	70.21 3.78 -0.01
BARRETT_IC_9 23700	51.56 3.24 0.00	47.93 2.67 0.00	46.13 2.45 0.00	47.83 2.23 0.00	52.16 2.48 0.00	55.94 3.22 0.00	77.93 4.48 0.00	89.86 5.48 0.00	84.30 2.47 0.56	68.32 1.02 0.34	66.41 1.56 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.74 1.51 0.35	71.16 1.47 0.41	79.79 3.87 0.00	103.21 5.47 -0.02	141.19 5.44 -0.01	123.17 6.53 -0.02	111.19 5.79 -0.02	99.60 4.42 -6.76	98.03 4.04 -14.74	75.91 4.09 -0.01	70.21 3.78 -0.01
BARRETT___1 23545	51.56 3.24 0.00	47.93 2.67 0.00	46.13 2.45 0.00	47.83 2.23 0.00	52.16 2.48 0.00	55.94 3.22 0.00	77.93 4.48 0.00	89.86 5.48 0.00	84.30 2.47 0.56	68.32 1.02 0.34	66.41 1.56 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.74 1.51 0.35	71.16 1.47 0.41	79.79 3.87 0.00	103.21 5.47 -0.02	141.19 5.44 -0.01	123.17 6.53 -0.02	111.19 5.79 -0.02	99.60 4.42 -6.76	98.03 4.04 -14.74	75.91 4.09 -0.01	70.21 3.78 -0.01
BARRETT___2 23546	51.56 3.24 0.00	47.93 2.67 0.00	46.13 2.45 0.00	47.83 2.23 0.00	52.16 2.48 0.00	55.94 3.22 0.00	77.93 4.48 0.00	89.86 5.48 0.00	84.30 2.47 0.56	68.32 1.02 0.34	66.41 1.56 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.74 1.51 0.35	71.16 1.47 0.41	79.79 3.87 0.00	103.21 5.47 -0.02	141.19 5.44 -0.01	123.17 6.53 -0.02	111.19 5.79 -0.02	99.60 4.42 -6.76	98.03 4.04 -14.74	75.91 4.09 -0.01	70.21 3.78 -0.01
BATAVIA__115KV_TB1 55881	47.50 -0.82 0.00	44.99 -0.27 0.00	43.38 -0.31 0.00	45.46 -0.14 0.00	49.87 0.20 0.00	51.98 -0.74 0.00	70.95 -2.50 0.00	81.59 -2.78 0.00	68.35 -0.58 13.47	59.70 0.20 8.14	56.91 0.00 8.28	54.41 0.18 6.37	53.81 -0.12 6.86	57.37 0.13 8.34	60.51 0.21 9.80	74.02 -1.90 0.00	93.81 -3.91 0.00	129.78 -5.97 0.00	110.21 -6.41 0.00	100.43 -4.95 0.00	84.18 -4.24 0.00	75.92 -3.33 0.00	68.93 -2.87 0.00	63.96 -2.46 0.00
BAYONEEC___CTG1 323682	50.88 2.56 0.00	47.48 2.22 0.00	45.66 1.97 0.00	47.55 1.96 0.00	51.71 2.04 0.00	55.04 2.32 0.00	77.05 3.60 0.00	88.59 4.22 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.82 0.35	61.98 1.64 0.27	62.14 1.64 0.29	66.80 1.57 0.35	71.01 1.33 0.41	78.57 2.66 0.00	101.53 3.81 0.00	140.50 4.75 0.00	121.17 4.54 0.00	109.48 4.11 0.00	91.51 3.09 0.00	82.10 2.85 0.00	74.39 2.58 0.00	68.81 2.39 0.00
BAYONEEC___CTG10 323750	50.88 2.56 0.00	47.48 2.22 0.00	45.66 1.97 0.00	47.55 1.96 0.00	51.71 2.04 0.00	55.04 2.32 0.00	77.05 3.60 0.00	88.59 4.22 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.82 0.35	61.98 1.64 0.27	62.14 1.64 0.29	66.80 1.57 0.35	71.01 1.33 0.41	78.57 2.66 0.00	101.53 3.81 0.00	140.50 4.75 0.00	121.17 4.54 0.00	109.48 4.11 0.00	91.51 3.09 0.00	82.10 2.85 0.00	74.39 2.58 0.00	68.81 2.39 0.00
BAYONEEC___CTG2 323683	50.88 2.56 0.00	47.48 2.22 0.00	45.66 1.97 0.00	47.55 1.96 0.00	51.71 2.04 0.00	55.04 2.32 0.00	77.05 3.60 0.00	88.59 4.22 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.82 0.35	61.98 1.64 0.27	62.14 1.64 0.29	66.80 1.57 0.35	71.01 1.33 0.41	78.57 2.66 0.00	101.53 3.81 0.00	140.50 4.75 0.00	121.17 4.54 0.00	109.48 4.11 0.00	91.51 3.09 0.00	82.10 2.85 0.00	74.39 2.58 0.00	68.81 2.39 0.00
BAYONEEC___CTG3 323684	50.88 2.56 0.00	47.48 2.22 0.00	45.66 1.97 0.00	47.55 1.96 0.00	51.71 2.04 0.00	55.04 2.32 0.00	77.05 3.60 0.00	88.59 4.22 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.82 0.35	61.98 1.64 0.27	62.14 1.64 0.29	66.80 1.57 0.35	71.01 1.33 0.41	78.57 2.66 0.00	101.53 3.81 0.00	140.50 4.75 0.00	121.17 4.54 0.00	109.48 4.11 0.00	91.51 3.09 0.00	82.10 2.85 0.00	74.39 2.58 0.00	68.81 2.39 0.00
BAYONEEC___CTG4 323685	50.88 2.56 0.00	47.48 2.22 0.00	45.66 1.97 0.00	47.55 1.96 0.00	51.71 2.04 0.00	55.04 2.32 0.00	77.05 3.60 0.00	88.59 4.22 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.82 0.35	61.98 1.64 0.27	62.14 1.64 0.29	66.80 1.57 0.35	71.01 1.33 0.41	78.57 2.66 0.00	101.53 3.81 0.00	140.50 4.75 0.00	121.17 4.54 0.00	109.48 4.11 0.00	91.51 3.09 0.00	82.10 2.85 0.00	74.39 2.58 0.00	68.81 2.39 0.00
BAYONEEC___CTG5 323686	50.88 2.56 0.00	47.48 2.22 0.00	45.66 1.97 0.00	47.55 1.96 0.00	51.71 2.04 0.00	55.04 2.32 0.00	77.05 3.60 0.00	88.59 4.22 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.82 0.35	61.98 1.64 0.27	62.14 1.64 0.29	66.80 1.57 0.35	71.01 1.33 0.41	78.57 2.66 0.00	101.53 3.81 0.00	140.50 4.75 0.00	121.17 4.54 0.00	109.48 4.11 0.00	91.51 3.09 0.00	82.10 2.85 0.00	74.39 2.58 0.00	68.81 2.39 0.00
BAYONEEC___CTG6 323687	50.88 2.56 0.00	47.48 2.22 0.00	45.66 1.97 0.00	47.55 1.96 0.00	51.71 2.04 0.00	55.04 2.32 0.00	77.05 3.60 0.00	88.59 4.22 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.82 0.35	61.98 1.64 0.27	62.14 1.64 0.29	66.80 1.57 0.35	71.01 1.33 0.41	78.57 2.66 0.00	101.53 3.81 0.00	140.50 4.75 0.00	121.17 4.54 0.00	109.48 4.11 0.00	91.51 3.09 0.00	82.10 2.85 0.00	74.39 2.58 0.00	68.81 2.39 0.00
BAYONEEC___CTG7 323688	50.88 2.56 0.00	47.48 2.22 0.00	45.66 1.97 0.00	47.55 1.96 0.00	51.71 2.04 0.00	55.04 2.32 0.00	77.05 3.60 0.00	88.59 4.22 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.82 0.35	61.98 1.64 0.27	62.14 1.64 0.29	66.80 1.57 0.35	71.01 1.33 0.41	78.57 2.66 0.00	101.53 3.81 0.00	140.50 4.75 0.00	121.17 4.54 0.00	109.48 4.11 0.00	91.51 3.09 0.00	82.10 2.85 0.00	74.39 2.58 0.00	68.81 2.39 0.00

BAYONEEC___CTG8 323689	50.88 2.56 0.00	47.48 2.22 0.00	45.66 1.97 0.00	47.55 1.96 0.00	51.71 2.04 0.00	55.04 2.32 0.00	77.05 3.60 0.00	88.59 4.22 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.82 0.35	61.98 1.64 0.27	62.14 1.64 0.29	66.80 1.57 0.35	71.01 1.33 0.41	78.57 2.66 0.00	101.53 3.81 0.00	140.50 4.75 0.00	121.17 4.54 0.00	109.48 4.11 0.00	91.51 3.09 0.00	82.10 2.85 0.00	74.39 2.58 0.00	68.81 2.39 0.00
BAYONEEC___CTG9 323749	50.88 2.56 0.00	47.48 2.22 0.00	45.66 1.97 0.00	47.55 1.96 0.00	51.71 2.04 0.00	55.04 2.32 0.00	77.05 3.60 0.00	88.59 4.22 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.82 0.35	61.98 1.64 0.27	62.14 1.64 0.29	66.80 1.57 0.35	71.01 1.33 0.41	78.57 2.66 0.00	101.53 3.81 0.00	140.50 4.75 0.00	121.17 4.54 0.00	109.48 4.11 0.00	91.51 3.09 0.00	82.10 2.85 0.00	74.39 2.58 0.00	68.81 2.39 0.00
BEACON___LESR 323632	50.21 1.88 0.00	46.98 1.72 0.00	45.31 1.62 0.00	47.28 1.69 0.00	51.41 1.74 0.00	54.67 1.95 0.00	75.58 2.13 0.00	86.74 2.36 0.00	83.63 1.24 0.00	68.25 0.61 0.00	65.78 0.59 0.00	61.09 0.48 0.00	61.15 0.37 0.00	65.91 0.33 0.00	70.30 0.21 0.00	77.44 1.52 0.00	99.87 2.15 0.00	138.88 3.12 0.00	119.42 2.79 0.00	107.90 2.52 0.00	90.36 1.94 0.00	80.92 1.67 0.00	73.46 1.65 0.00	68.22 1.79 0.00
BEAVER RIVER___HYD 24048	47.50 -0.82 0.00	44.49 -0.77 0.00	42.95 -0.74 0.00	44.82 -0.78 0.00	48.88 -0.80 0.00	51.83 -0.90 0.00	72.72 -0.73 0.00	84.63 0.25 0.00	72.71 -0.16 9.52	62.09 0.20 5.75	59.86 0.52 5.85	56.53 0.43 4.50	56.49 0.55 4.84	60.54 0.85 5.89	64.22 1.05 6.92	77.36 1.44 0.00	100.06 2.34 0.00	140.22 4.47 0.00	120.01 3.38 0.00	108.01 2.64 0.00	90.46 2.04 0.00	81.31 2.06 0.00	73.53 1.72 0.00	67.35 0.93 0.00
BEEBEE_GT_13 23619	47.26 -1.06 0.00	44.54 -0.72 0.00	42.95 -0.74 0.00	44.91 -0.68 0.00	49.18 -0.50 0.00	51.83 -0.90 0.00	71.54 -1.91 0.00	82.18 -2.19 0.00	67.74 -1.65 13.01	58.84 -0.95 7.86	56.22 -0.98 7.99	53.67 -0.79 6.15	53.14 -1.03 6.61	56.55 -0.98 8.05	59.73 -0.91 9.45	74.55 -1.37 0.00	94.99 -2.74 0.00	131.41 -4.34 0.00	111.96 -4.67 0.00	101.80 -3.58 0.00	85.33 -3.09 0.00	76.80 -2.46 0.00	69.51 -2.30 0.00	64.30 -2.13 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.66 3.33 -0.01	48.21 2.94 -0.01	46.32 2.62 -0.01	48.29 2.69 -0.01	52.45 2.78 0.00	55.73 3.01 0.00	77.57 4.11 0.00	89.19 4.81 0.00	84.72 2.88 0.57	70.01 2.71 0.34	67.32 2.48 0.35	62.40 2.06 0.27	62.63 2.13 0.29	66.94 1.71 0.35	70.87 1.19 0.41	78.26 2.35 0.01	101.33 3.62 0.01	140.22 4.48 0.01	121.29 4.67 0.01	109.48 4.11 0.01	91.60 3.18 0.01	82.10 2.85 0.01	74.46 2.66 0.00	69.48 3.06 0.00
BETHLEHEM___GRP 23843	49.53 1.21 0.00	46.39 1.13 0.00	44.74 1.05 0.00	46.69 1.09 0.00	50.72 1.04 0.00	53.83 1.11 0.00	74.33 0.88 0.00	85.30 0.93 0.00	82.23 -0.16 0.00	67.17 -0.47 0.00	64.87 -0.33 0.00	60.36 -0.24 0.00	60.48 -0.30 0.00	65.19 -0.39 0.00	69.32 -0.77 0.00	76.30 0.38 0.00	98.11 0.39 0.00	136.43 0.68 0.00	117.45 0.82 0.00	106.01 0.63 0.00	88.86 0.44 0.00	79.65 0.40 0.00	72.38 0.57 0.00	67.29 0.86 0.00
BETHLEHEM___GS1 323560	49.53 1.21 0.00	46.39 1.13 0.00	44.73 1.05 0.00	46.69 1.09 0.00	50.72 1.04 0.00	53.83 1.11 0.00	74.34 0.88 0.00	85.31 0.93 0.00	82.23 -0.16 0.00	67.24 -0.40 0.00	64.87 -0.32 0.00	60.36 -0.24 0.00	60.48 -0.30 0.00	65.13 -0.46 0.00	69.32 -0.77 0.00	76.22 0.30 0.00	98.21 0.49 0.00	136.43 0.68 0.00	117.22 0.59 0.00	106.01 0.64 0.00	88.87 0.44 0.00	79.65 0.40 0.00	72.38 0.57 0.00	67.22 0.80 0.00
BETHLEHEM___GS2 323561	49.53 1.21 0.00	46.39 1.13 0.00	44.73 1.05 0.00	46.69 1.09 0.00	50.72 1.04 0.00	53.83 1.11 0.00	74.34 0.88 0.00	85.31 0.93 0.00	82.23 -0.16 0.00	67.24 -0.40 0.00	64.87 -0.32 0.00	60.36 -0.24 0.00	60.48 -0.30 0.00	65.13 -0.46 0.00	69.32 -0.77 0.00	76.22 0.30 0.00	98.21 0.49 0.00	136.43 0.68 0.00	117.22 0.59 0.00	106.01 0.64 0.00	88.87 0.44 0.00	79.65 0.40 0.00	72.38 0.57 0.00	67.22 0.80 0.00
BETHLEHEM___GS3 323562	49.53 1.21 0.00	46.39 1.13 0.00	44.73 1.05 0.00	46.69 1.09 0.00	50.72 1.04 0.00	53.83 1.11 0.00	74.34 0.88 0.00	85.31 0.93 0.00	82.23 -0.16 0.00	67.24 -0.40 0.00	64.87 -0.32 0.00	60.36 -0.24 0.00	60.48 -0.30 0.00	65.13 -0.46 0.00	69.32 -0.77 0.00	76.22 0.30 0.00	98.21 0.49 0.00	136.43 0.68 0.00	117.22 0.59 0.00	106.01 0.64 0.00	88.87 0.44 0.00	79.65 0.40 0.00	72.38 0.57 0.00	67.22 0.80 0.00
BETHLEHEM___STEEL 23779	46.53 -1.79 0.00	44.18 -1.09 0.00	42.60 -1.09 0.00	44.73 -0.87 0.00	48.98 -0.70 0.00	51.30 -1.42 0.00	69.85 -3.60 0.00	80.24 -4.13 0.00	67.32 -0.91 14.17	59.14 0.07 8.57	56.41 -0.07 8.72	54.07 0.18 6.71	53.63 0.06 7.22	57.19 0.39 8.78	60.13 0.35 10.31	73.11 -2.81 0.00	92.15 -5.57 0.00	126.93 -8.82 0.00	107.88 -8.75 0.00	98.21 -7.17 0.00	82.32 -6.10 0.00	74.50 -4.76 0.00	68.07 -3.73 0.00	62.97 -3.45 0.00
BETHLHEM_115KV_TB1 79974	49.53 1.21 0.00	46.39 1.13 0.00	44.74 1.05 0.00	46.69 1.09 0.00	50.77 1.09 0.00	53.83 1.11 0.00	74.48 1.03 0.00	85.47 1.10 0.00	82.40 0.00 0.00	67.38 -0.27 0.00	65.00 -0.20 0.00	60.48 -0.12 0.00	60.60 -0.18 0.00	65.32 -0.26 0.00	69.53 -0.56 0.00	76.37 0.46 0.00	98.31 0.59 0.00	136.57 0.81 0.00	117.68 1.05 0.00	106.22 0.84 0.00	89.04 0.62 0.00	79.81 0.55 0.00	72.45 0.65 0.00	67.35 0.93 0.00
BETHPAGE_CC_5 323564	51.75 3.43 0.00	48.12 2.85 0.00	46.27 2.58 0.00	47.92 2.32 0.00	52.30 2.63 0.00	56.15 3.42 0.00	77.86 4.41 0.00	89.86 5.48 0.00	84.06 2.23 0.56	68.05 0.75 0.34	66.28 1.43 0.35	61.37 1.03 0.27	61.71 1.22 0.29	66.80 1.57 0.35	71.01 1.33 0.41	79.86 3.95 0.00	103.40 5.67 -0.01	141.19 5.44 0.00	123.17 6.53 -0.01	111.50 6.11 -0.01	99.95 4.77 -6.76	98.34 4.36 -14.73	76.05 4.24 -0.01	70.35 3.92 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	46.58 -1.74 0.00	44.22 -1.04 0.00	42.64 -1.05 0.00	44.77 -0.82 0.00	49.08 -0.60 0.00	51.40 -1.32 0.00	70.15 -3.31 0.00	80.58 -3.80 0.00	67.84 -0.25 14.31	59.53 0.54 8.65	56.85 0.46 8.80	54.50 0.67 6.78	54.05 0.55 7.29	57.57 0.85 8.86	60.53 0.84 10.41	73.41 -2.51 0.00	92.54 -5.18 0.00	127.61 -8.15 0.00	108.46 -8.16 0.00	98.74 -6.64 0.00	82.67 -5.75 0.00	74.81 -4.44 0.00	68.29 -3.52 0.00	63.17 -3.25 0.00
BINGHAMTON___COGEN 23790	47.94 -0.39 0.00	44.99 -0.27 0.00	43.47 -0.22 0.00	45.41 -0.18 0.00	49.52 -0.15 0.00	52.46 -0.26 0.00	73.16 -0.29 0.00	82.60 -1.77 0.00	60.02 -0.41 21.96	54.10 -0.27 13.27	51.31 -0.39 13.49	49.98 -0.24 10.39	49.25 -0.36 11.17	51.73 -0.26 13.59	53.85 -0.28 15.96	74.93 -0.99 0.00	95.87 -1.86 0.00	133.17 -2.58 0.00	113.83 -2.80 0.00	102.96 -2.42 0.00	86.12 -2.30 0.00	77.35 -1.90 0.00	69.94 -1.87 0.00	64.63 -1.79 0.00

BIXINCNT_115KV_LOAD 355685	45.76 -2.56 0.00	43.72 -1.54 0.00	42.33 -1.35 0.00	44.59 -1.00 0.00	49.03 -0.65 0.00	51.67 -1.05 0.00	71.03 -2.42 0.00	81.93 -2.45 0.00	69.48 1.98 14.90	60.94 2.30 9.01	58.12 2.09 9.16	55.67 2.12 7.05	55.15 1.95 7.59	58.78 2.43 9.23	61.92 2.66 10.83	74.93 -0.99 0.00	94.69 -3.03 0.00	130.73 -5.02 0.00	111.03 -5.60 0.00	100.85 -4.53 0.00	84.18 -4.24 0.00	76.16 -3.09 0.00	69.29 -2.51 0.00	63.96 -2.46 0.00
BLACK RIVER___HYD 24047	47.60 -0.72 0.00	44.63 -0.63 0.00	43.03 -0.65 0.00	44.86 -0.73 0.00	48.98 -0.70 0.00	52.09 -0.63 0.00	73.38 -0.07 0.00	85.31 0.93 0.00	67.36 0.33 15.37	58.57 0.20 9.28	55.88 0.13 9.44	53.40 0.06 7.27	53.15 0.18 7.81	56.59 0.52 9.51	59.70 0.77 11.17	77.36 1.44 0.00	100.56 2.84 0.00	141.19 5.44 0.00	120.82 4.19 0.00	108.65 3.27 0.00	90.81 2.39 0.00	81.23 1.98 0.00	73.38 1.58 0.00	67.28 0.86 0.00
BLACKRVR_115KV_TB2 79977	47.60 -0.72 0.00	44.63 -0.63 0.00	43.03 -0.66 0.00	44.86 -0.73 0.00	48.98 -0.70 0.00	52.09 -0.63 0.00	73.38 -0.07 0.00	85.30 0.93 0.00	67.36 0.33 15.37	58.50 0.14 9.28	55.88 0.13 9.44	53.40 0.06 7.27	53.15 0.18 7.81	56.60 0.52 9.51	59.69 0.77 11.17	77.36 1.44 0.00	100.56 2.83 0.00	141.18 5.43 0.00	120.71 4.08 0.00	108.65 3.27 0.00	90.81 2.39 0.00	81.23 1.98 0.00	73.39 1.58 0.00	67.29 0.86 0.00
BLDWN_LI_69_KV_BK4 356085	51.90 3.58 0.00	48.20 2.94 0.00	46.40 2.71 0.00	48.15 2.55 0.00	52.45 2.78 0.00	56.20 3.48 0.00	78.30 4.85 0.00	90.37 5.99 0.00	84.72 2.88 0.56	68.73 1.42 0.34	66.74 1.89 0.35	61.79 1.45 0.27	62.14 1.64 0.29	67.07 1.84 0.35	71.57 1.89 0.41	80.32 4.40 0.00	103.39 5.67 0.00	141.73 5.97 0.00	123.75 7.11 0.00	111.70 6.32 0.00	99.95 4.77 -6.76	98.50 4.52 -14.73	76.40 4.60 0.00	70.74 4.32 0.00
BLISS_WT_PWR 323608	45.42 -2.90 0.00	43.54 -1.72 0.00	42.16 -1.53 0.00	44.50 -1.09 0.00	48.93 -0.74 0.00	51.61 -1.11 0.00	71.03 -2.42 0.00	82.01 -2.36 0.00	69.56 2.06 14.90	61.00 2.37 9.01	58.18 2.15 9.16	55.73 2.18 7.05	55.39 2.19 7.59	58.85 2.49 9.23	61.99 2.73 10.83	75.16 -0.76 0.00	95.48 -2.24 0.00	130.87 -4.88 0.00	112.32 -4.31 0.00	100.85 -4.53 0.00	84.27 -4.15 0.00	76.16 -3.09 0.00	69.29 -2.52 0.00	64.49 -1.93 0.00
BLUESTONE___WT_PWR 323821	49.38 1.06 0.00	46.26 0.99 0.00	44.69 1.01 0.00	46.64 1.05 0.00	50.96 1.29 0.00	54.25 1.53 0.00	76.54 3.08 0.00	87.66 3.29 0.00	69.63 3.71 16.47	60.47 2.77 9.95	57.42 2.34 10.12	55.12 2.30 7.79	54.90 2.49 8.38	58.47 3.08 10.20	61.83 3.71 11.97	80.01 4.10 0.00	103.88 6.16 0.00	144.57 8.82 0.00	123.86 7.23 0.00	111.38 6.00 0.00	92.93 4.51 0.00	82.98 3.73 0.00	74.68 2.88 0.00	68.75 2.32 0.00
BLUE_CIRC_CHEM_DRP 24182	49.87 1.55 0.00	46.71 1.45 0.00	45.04 1.35 0.00	47.01 1.41 0.00	51.16 1.49 0.00	54.30 1.58 0.00	75.29 1.84 0.00	86.32 1.94 0.00	83.30 0.91 0.00	67.98 0.34 0.00	65.46 0.26 0.00	60.79 0.18 0.00	60.97 0.18 0.00	65.71 0.13 0.00	70.09 0.00 0.00	77.06 1.14 0.00	99.38 1.66 0.00	138.19 2.44 0.00	118.96 2.33 0.00	107.38 2.00 0.00	90.01 1.59 0.00	80.68 1.43 0.00	73.24 1.44 0.00	68.08 1.66 0.00
BOC_GAS_DRP 24189	49.48 1.16 0.00	46.30 1.04 0.00	44.69 1.00 0.00	46.60 1.00 0.00	50.72 1.04 0.00	53.78 1.05 0.00	74.70 1.25 0.00	85.73 1.35 0.00	82.73 0.33 0.00	67.71 0.07 0.00	65.26 0.07 0.00	60.67 0.06 0.00	60.85 0.06 0.00	65.52 -0.07 0.00	69.81 -0.28 0.00	76.60 0.68 0.00	98.60 0.88 0.00	136.84 1.09 0.00	117.91 1.28 0.00	106.43 1.05 0.00	89.22 0.80 0.00	80.04 0.79 0.00	72.67 0.86 0.00	67.42 1.00 0.00
BOONVILLE_115KV_TB1 79983	48.56 0.24 0.00	45.49 0.23 0.00	43.91 0.22 0.00	45.82 0.23 0.00	49.97 0.30 0.00	53.09 0.37 0.00	74.48 1.03 0.00	87.08 2.70 0.00	79.23 2.31 5.47	66.37 2.03 3.31	63.72 1.89 3.36	59.72 1.70 2.59	59.77 1.76 2.78	64.36 2.16 3.39	68.57 2.45 3.98	79.03 3.11 0.00	102.51 4.79 0.00	143.22 7.47 0.00	122.69 6.06 0.00	110.44 5.06 0.00	92.49 4.07 0.00	82.74 3.49 0.00	74.82 3.02 0.00	68.61 2.19 0.00
BORALEX_4TH_BRANCH 23824	51.17 2.85 0.00	47.84 2.58 0.00	46.13 2.45 0.00	48.10 2.51 0.00	52.36 2.68 0.00	55.62 2.90 0.00	77.49 4.04 0.00	88.17 3.80 0.00	84.54 2.14 0.00	68.86 1.22 0.00	66.11 0.91 0.00	61.45 0.85 0.00	61.52 0.73 0.00	66.30 0.72 0.00	70.79 0.70 0.00	78.42 2.51 0.00	101.05 3.32 0.00	140.23 4.48 0.00	121.06 4.43 0.00	109.38 4.00 0.00	91.69 3.27 0.00	82.26 3.01 0.00	74.46 2.66 0.00	69.08 2.66 0.00
BOWLINE___1 23526	50.26 1.93 0.00	46.94 1.68 0.00	45.17 1.49 0.00	47.05 1.46 0.00	51.21 1.54 0.00	54.46 1.74 0.00	76.17 2.72 0.00	87.41 3.03 0.00	82.96 1.15 0.59	68.04 0.75 0.36	65.42 0.59 0.36	60.81 0.48 0.28	60.97 0.48 0.30	65.61 0.40 0.36	69.88 0.21 0.43	77.44 1.52 0.00	100.17 2.44 0.00	138.73 2.98 0.00	119.66 3.03 0.00	108.11 2.74 0.00	90.46 2.04 0.00	81.08 1.82 0.00	73.38 1.58 0.00	67.88 1.46 0.00
BOWLINE___2 23595	50.26 1.93 0.00	46.94 1.68 0.00	45.13 1.44 0.00	47.05 1.46 0.00	51.21 1.54 0.00	54.46 1.74 0.00	76.17 2.72 0.00	87.41 3.03 0.00	83.05 1.24 0.59	68.17 0.88 0.36	65.55 0.72 0.36	60.93 0.61 0.28	61.09 0.61 0.30	65.68 0.46 0.36	70.02 0.35 0.43	77.51 1.60 0.00	100.26 2.54 0.00	139.00 3.25 0.00	119.78 3.15 0.00	108.33 2.95 0.00	90.63 2.21 0.00	81.23 1.98 0.00	73.46 1.65 0.00	67.95 1.53 0.00
BRADY___115KV_TB2 356060	49.00 0.68 0.00	45.99 0.72 0.00	44.34 0.66 0.00	46.37 0.78 0.00	50.62 0.94 0.00	53.72 1.00 0.00	75.21 1.76 0.00	86.40 2.03 0.00	81.89 1.65 2.16	67.83 1.49 1.30	65.37 1.50 1.32	61.04 1.45 1.02	61.27 1.58 1.10	66.08 1.84 1.33	70.56 2.03 1.57	78.12 2.20 0.00	101.05 3.32 0.00	140.91 5.16 0.00	120.71 4.08 0.00	109.07 3.69 0.00	91.87 3.45 0.00	82.18 2.93 0.00	74.46 2.66 0.00	68.68 2.26 0.00
BRANSCOMB___SOLAR 323811	50.93 2.61 0.00	47.61 2.35 0.00	45.91 2.23 0.00	47.96 2.37 0.00	52.21 2.53 0.00	55.67 2.95 0.00	76.83 3.38 0.00	88.08 3.71 0.00	84.87 2.47 0.00	69.07 1.42 0.00	66.23 1.04 0.00	61.34 0.73 0.00	61.33 0.55 0.00	66.17 0.59 0.00	70.79 0.70 0.00	78.19 2.28 0.00	101.24 3.51 0.00	141.19 5.44 0.00	121.30 4.67 0.00	109.48 4.11 0.00	91.87 3.44 0.00	82.10 2.85 0.00	74.39 2.58 0.00	69.01 2.59 0.00
BRDGHMPT_69_KV_BK1 55812	52.48 4.16 0.00	48.66 3.39 0.00	46.83 3.15 0.00	48.51 2.92 0.00	52.95 3.28 0.00	56.94 4.22 0.00	77.27 3.82 0.00	89.69 5.32 0.00	82.16 0.33 0.56	66.09 -1.22 0.34	64.39 -0.46 0.35	59.49 -0.85 0.27	59.77 -0.73 0.29	64.90 -0.33 0.35	69.82 0.14 0.41	79.87 3.95 0.00	106.61 8.89 0.00	143.08 7.33 0.00	127.48 10.85 0.00	115.60 10.22 0.00	103.84 8.67 -6.75	101.75 7.77 -14.73	79.20 7.40 0.00	73.46 7.04 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	52.57 4.25 0.00	48.84 3.58 0.00	46.96 3.28 0.00	48.69 3.10 0.00	53.10 3.43 0.00	57.15 4.43 0.00	79.47 6.02 0.00	91.80 7.43 0.00	85.54 3.71 0.56	69.00 1.69 0.34	67.06 2.22 0.35	62.04 1.70 0.27	62.32 1.82 0.29	67.40 2.16 0.35	72.13 2.45 0.41	81.46 5.54 0.00	105.74 8.01 0.00	142.13 6.38 0.00	125.26 8.63 0.00	113.81 8.43 0.00	102.43 7.25 -6.75	100.48 6.50 -14.73	77.91 6.10 0.00	72.20 5.78 0.00
BRISTLHL_115KV_TB1 79998	46.92 -1.40 0.00	44.00 -1.27 0.00	42.51 -1.18 0.00	44.36 -1.23 0.00	48.33 -1.34 0.00	51.25 -1.48 0.00	71.47 -1.98 0.00	81.93 -2.45 0.00	51.98 -2.88 27.53	48.64 -2.37 16.64	45.93 -2.35 16.92	45.40 -2.18 13.02	44.53 -2.25 14.00	46.18 -2.36 17.04	47.49 -2.59 20.01	73.79 -2.13 0.00	94.69 -3.03 0.00	131.68 -4.07 0.00	112.90 -3.73 0.00	102.11 -3.27 0.00	85.42 -3.01 0.00	76.64 -2.62 0.00	69.44 -2.37 0.00	64.23 -2.19 0.00
BROOKHAVEN___DRP 24191	52.14 3.82 0.00	48.39 3.12 0.00	46.57 2.88 0.00	48.24 2.64 0.00	52.65 2.98 0.00	56.62 3.90 0.00	77.42 3.97 0.00	89.78 5.40 0.00	82.74 0.91 0.56	66.63 -0.68 0.34	64.85 0.00 0.35	59.91 -0.42 0.27	60.19 -0.30 0.29	65.17 -0.07 0.35	69.89 0.21 0.41	79.41 3.49 0.00	104.86 7.13 0.00	140.37 4.62 0.00	124.68 8.05 0.00	112.97 7.59 0.00	101.72 6.54 -6.75	99.85 5.86 -14.73	77.55 5.74 0.00	71.87 5.45 0.00
BROOKLYN_NAVY_YARD 23515	50.79 2.46 0.00	47.35 2.08 0.00	45.57 1.88 0.00	47.46 1.87 0.00	51.56 1.89 0.00	54.94 2.21 0.00	76.90 3.45 0.00	88.43 4.05 0.00	84.14 2.30 0.57	69.33 2.03 0.34	66.54 1.69 0.35	61.85 1.52 0.27	62.02 1.52 0.29	66.61 1.38 0.35	70.87 1.19 0.41	78.35 2.43 0.00	101.34 3.62 0.00	140.22 4.47 0.00	121.06 4.43 0.00	109.28 3.90 0.00	91.43 3.01 0.00	81.95 2.70 0.00	74.32 2.51 0.00	68.68 2.26 0.00
BROOKLYN___ARMY_DRP 323595	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.31 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.55 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.52 0.84 0.41	77.88 1.97 0.01	100.84 3.13 0.01	139.54 3.80 0.01	120.70 4.08 0.01	108.95 3.58 0.01	91.15 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	69.21 2.79 0.00
BROOME_2_LFGE 323671	47.93 -0.39 0.00	44.99 -0.27 0.00	43.47 -0.22 0.00	45.41 -0.18 0.00	49.52 -0.15 0.00	52.46 -0.26 0.00	73.16 -0.29 0.00	82.60 -1.78 0.00	60.02 -0.41 21.96	54.10 -0.27 13.27	51.31 -0.39 13.49	49.98 -0.24 10.39	49.31 -0.30 11.17	51.73 -0.26 13.59	53.85 -0.28 15.96	74.93 -0.99 0.00	96.16 -1.57 0.00	133.17 -2.58 0.00	114.17 -2.45 0.00	102.96 -2.42 0.00	86.12 -2.30 0.00	77.35 -1.90 0.00	69.94 -1.87 0.00	64.83 -1.59 0.00
BROOME___LFGE 323600	47.93 -0.39 0.00	44.99 -0.27 0.00	43.47 -0.22 0.00	45.41 -0.18 0.00	49.52 -0.15 0.00	52.46 -0.26 0.00	73.16 -0.29 0.00	82.60 -1.78 0.00	60.02 -0.41 21.96	54.10 -0.27 13.27	51.31 -0.39 13.49	49.98 -0.24 10.39	49.31 -0.30 11.17	51.73 -0.26 13.59	53.85 -0.28 15.96	74.93 -0.99 0.00	96.16 -1.57 0.00	133.17 -2.58 0.00	114.17 -2.45 0.00	102.96 -2.42 0.00	86.12 -2.30 0.00	77.35 -1.90 0.00	69.94 -1.87 0.00	64.83 -1.59 0.00
BROWNFLS_115KV_TB 3_5 80003	47.69 -0.63 0.00	44.76 -0.50 0.00	43.16 -0.52 0.00	45.09 -0.50 0.00	49.23 -0.45 0.00	51.93 -0.79 0.00	72.72 -0.73 0.00	84.04 -0.34 0.00	75.15 -0.66 6.59	63.53 -0.14 3.98	61.60 0.46 4.05	57.85 0.36 3.12	57.92 0.49 3.35	62.29 0.79 4.08	66.07 0.77 4.79	76.52 0.61 0.00	98.80 1.07 0.00	138.33 2.58 0.00	118.38 1.75 0.00	106.75 1.37 0.00	89.66 1.24 0.00	80.76 1.51 0.00	73.17 1.36 0.00	67.29 0.86 0.00
BROWNSV1_27_KV_LOAD 356125	51.27 2.95 0.00	47.84 2.58 0.00	46.05 2.36 0.00	47.92 2.33 0.00	52.06 2.38 0.00	55.46 2.74 0.00	77.71 4.26 0.00	89.35 4.98 0.00	85.05 3.21 0.57	70.01 2.71 0.34	67.32 2.48 0.35	62.58 2.24 0.27	62.75 2.25 0.29	67.40 2.16 0.35	71.71 2.03 0.41	79.33 3.42 0.00	102.51 4.79 0.00	141.86 6.11 0.00	122.69 6.06 0.00	110.65 5.27 0.00	92.49 4.07 0.00	82.90 3.65 0.00	75.11 3.30 0.00	69.54 3.12 0.00
BURROWS___LYONSDAL 23803	48.23 -0.10 0.00	45.17 -0.09 0.00	43.60 -0.09 0.00	45.46 -0.14 0.00	49.62 -0.05 0.00	52.72 0.00 0.00	73.97 0.51 0.00	86.40 2.03 0.00	77.86 1.73 6.27	65.48 1.62 3.79	62.91 1.56 3.85	59.04 1.39 2.96	59.12 1.52 3.19	63.60 1.90 3.88	67.71 2.17 4.56	78.65 2.73 0.00	102.02 4.30 0.00	142.54 6.79 0.00	122.11 5.48 0.00	109.91 4.53 0.00	92.05 3.63 0.00	82.42 3.17 0.00	74.53 2.73 0.00	68.22 1.79 0.00
CAITHNESS_CC_1 323624	51.99 3.67 0.00	48.30 3.03 0.00	46.44 2.75 0.00	48.05 2.46 0.00	52.50 2.83 0.00	56.52 3.80 0.00	77.56 4.11 0.00	89.78 5.40 0.00	82.99 1.15 0.56	66.76 -0.54 0.34	65.11 0.26 0.35	60.16 -0.18 0.27	60.32 -0.18 0.29	65.56 0.33 0.35	70.10 0.42 0.41	79.49 3.57 0.00	104.47 6.74 -0.01	139.96 4.21 0.00	123.75 7.12 -0.01	112.45 7.06 -0.01	101.27 6.10 -6.75	99.45 5.46 -14.73	77.20 5.39 -0.01	71.48 5.05 -0.01
CALPINE BETH_PAGE_GT4 24209	51.75 3.43 0.00	48.07 2.81 0.00	46.27 2.58 0.00	48.01 2.42 0.00	52.26 2.58 0.00	56.04 3.32 0.00	77.71 4.26 0.00	89.69 5.32 0.00	83.97 2.14 0.56	68.18 0.88 0.34	66.22 1.37 0.35	61.37 1.03 0.27	61.84 1.34 0.29	66.74 1.51 0.35	70.94 1.26 0.41	79.79 3.87 0.00	103.10 5.37 0.00	141.05 5.29 0.00	123.28 6.65 0.00	111.28 5.90 0.00	99.77 4.60 -6.76	98.18 4.20 -14.73	75.90 4.09 0.00	70.27 3.85 0.00
CALPINE_BETH_PAGE_GT_4 323586	51.75 3.43 0.00	48.07 2.81 0.00	46.27 2.58 0.00	47.92 2.32 0.00	52.25 2.58 0.00	56.10 3.38 0.00	77.71 4.26 0.00	89.70 5.32 0.00	83.97 2.14 0.56	68.05 0.75 0.34	66.22 1.37 0.35	61.37 1.03 0.27	61.71 1.22 0.29	66.87 1.64 0.35	70.94 1.26 0.41	79.71 3.79 0.00	103.20 5.47 -0.01	141.04 5.29 0.00	123.05 6.41 -0.01	111.29 5.90 -0.01	99.77 4.60 -6.76	98.18 4.20 -14.73	75.91 4.09 -0.01	70.21 3.78 -0.01
CALPINE_BP_GT1 23823	51.75 3.43 0.00	48.07 2.81 0.00	46.27 2.58 0.00	47.92 2.32 0.00	52.25 2.58 0.00	56.10 3.38 0.00	77.71 4.26 0.00	89.70 5.32 0.00	83.97 2.14 0.56	68.05 0.75 0.34	66.22 1.37 0.35	61.37 1.03 0.27	61.71 1.22 0.29	66.87 1.64 0.35	70.94 1.26 0.41	79.71 3.79 0.00	103.20 5.47 -0.01	141.04 5.29 0.00	123.05 6.41 -0.01	111.29 5.90 -0.01	99.77 4.60 -6.76	98.18 4.20 -14.73	75.91 4.09 -0.01	70.21 3.78 -0.01
CALSPAN___DRP 24200	46.53 -1.79 0.00	44.18 -1.09 0.00	42.60 -1.09 0.00	44.73 -0.87 0.00	48.98 -0.70 0.00	51.30 -1.42 0.00	69.85 -3.60 0.00	80.24 -4.13 0.00	67.32 -0.91 14.17	59.14 0.07 8.57	56.41 -0.07 8.72	54.07 0.18 6.71	53.63 0.06 7.22	57.19 0.39 8.78	60.13 0.35 10.31	73.11 -2.81 0.00	92.15 -5.57 0.00	126.93 -8.82 0.00	107.88 -8.75 0.00	98.21 -7.17 0.00	82.32 -6.10 0.00	74.50 -4.76 0.00	68.07 -3.73 0.00	62.97 -3.45 0.00

CALVERTON___SOLAR 323806	52.29 3.96 0.00	48.52 3.26 0.00	46.66 2.97 0.00	48.24 2.64 0.00	52.75 3.08 0.00	56.84 4.11 0.00	77.42 3.96 0.00	89.78 5.40 0.00	82.49 0.66 0.56	66.36 -0.95 0.34	64.72 -0.13 0.35	59.79 -0.55 0.27	59.89 -0.61 0.29	65.17 -0.07 0.35	69.75 0.07 0.41	79.41 3.49 0.00	105.36 7.63 -0.01	140.91 5.16 0.00	125.04 8.40 -0.01	113.61 8.22 -0.01	102.16 6.98 -6.75	100.24 6.26 -14.73	77.85 6.03 -0.01	72.07 5.64 -0.01
CANDIGU_WT_PWR 323617	46.34 -1.98 0.00	43.77 -1.49 0.00	42.33 -1.35 0.00	44.50 -1.09 0.00	48.73 -0.95 0.00	51.56 -1.16 0.00	71.47 -1.98 0.00	81.51 -2.87 0.00	60.89 -0.33 21.18	54.71 -0.14 12.80	51.98 -0.19 13.02	50.59 0.00 10.02	50.01 0.00 10.77	52.60 0.13 13.11	54.76 0.07 15.40	74.70 -1.22 0.00	95.57 -2.15 0.00	132.09 -3.66 0.00	113.13 -3.50 0.00	102.00 -3.38 0.00	85.15 -3.27 0.00	76.48 -2.78 0.00	69.15 -2.66 0.00	64.10 -2.33 0.00
CARR STREET_E_SYR 24060	47.31 -1.02 0.00	44.36 -0.90 0.00	42.86 -0.83 0.00	44.68 -0.91 0.00	48.68 -0.99 0.00	51.67 -1.05 0.00	72.05 -1.40 0.00	82.44 -1.94 0.00	55.15 -2.06 25.19	50.74 -1.69 15.22	48.02 -1.70 15.48	47.12 -1.58 11.91	46.34 -1.64 12.81	48.22 -1.77 15.59	49.89 -1.89 18.31	74.40 -1.52 0.00	95.57 -2.15 0.00	132.63 -3.12 0.00	113.83 -2.80 0.00	102.75 -2.63 0.00	85.95 -2.48 0.00	77.19 -2.06 0.00	69.80 -2.01 0.00	64.63 -1.79 0.00
CARTHAGE___PAPER 23857	47.55 -0.78 0.00	44.54 -0.73 0.00	42.95 -0.74 0.00	44.86 -0.73 0.00	48.93 -0.74 0.00	51.98 -0.74 0.00	73.09 -0.37 0.00	85.05 0.67 0.00	69.46 0.17 13.11	60.00 0.27 7.92	57.60 0.46 8.05	54.71 0.30 6.20	54.55 0.43 6.67	58.26 0.79 8.11	61.55 0.98 9.53	77.44 1.52 0.00	100.45 2.73 0.00	140.91 5.16 0.00	120.71 4.08 0.00	108.54 3.16 0.00	90.89 2.47 0.00	81.47 2.22 0.00	73.60 1.80 0.00	67.42 1.00 0.00
CASSADAGA_WT_PWR 323784	45.28 -3.04 0.00	43.05 -2.22 0.00	41.72 -1.97 0.00	44.04 -1.55 0.00	48.48 -1.19 0.00	51.41 -1.32 0.00	71.47 -1.98 0.00	82.86 -1.52 0.00	70.13 2.56 14.82	61.66 2.97 8.96	58.95 2.87 9.11	56.62 3.03 7.02	56.40 3.16 7.55	59.81 3.41 9.18	62.82 3.50 10.78	76.60 0.68 0.00	97.43 -0.29 0.00	133.72 -2.03 0.00	114.53 -2.10 0.00	102.96 -2.42 0.00	85.85 -2.57 0.00	77.51 -1.74 0.00	70.44 -1.37 0.00	65.43 -0.99 0.00
CE_DUNWOOD___DRP 24194	50.59 2.27 0.00	47.25 1.99 0.00	45.48 1.79 0.00	47.37 1.78 0.00	51.51 1.84 0.00	54.83 2.11 0.00	76.68 3.23 0.00	88.09 3.71 0.00	83.80 1.98 0.57	68.79 1.49 0.35	66.15 1.30 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.28 1.05 0.35	70.59 0.91 0.42	78.27 2.35 0.00	101.14 3.42 0.00	140.09 4.34 0.00	121.06 4.43 0.00	109.17 3.79 0.00	91.34 2.92 0.00	81.87 2.62 0.00	74.10 2.30 0.00	68.68 2.26 0.00
CE_MILLWOOD___DRP 24193	50.55 2.22 0.00	47.16 1.90 0.00	45.39 1.70 0.00	47.33 1.73 0.00	51.46 1.79 0.00	54.73 2.00 0.00	76.54 3.08 0.00	87.92 3.54 0.00	83.64 1.81 0.57	68.65 1.35 0.35	66.02 1.17 0.35	61.37 1.03 0.27	61.53 1.03 0.29	66.15 0.92 0.35	70.52 0.84 0.42	78.12 2.20 0.00	100.95 3.22 0.00	139.82 4.07 0.00	120.83 4.20 0.00	109.07 3.69 0.00	91.25 2.83 0.00	81.79 2.54 0.00	74.03 2.23 0.00	68.55 2.13 0.00
CE_NYC2_DRP 24202	51.23 2.90 -0.01	47.81 2.53 -0.01	45.97 2.27 -0.01	47.93 2.33 -0.01	51.96 2.28 0.00	55.25 2.53 0.00	76.75 3.31 0.01	88.25 3.88 0.01	83.88 2.06 0.57	69.40 2.10 0.34	66.74 1.89 0.35	62.04 1.70 0.27	62.26 1.76 0.29	66.67 1.44 0.35	70.73 1.05 0.41	78.11 2.20 0.01	100.94 3.22 0.01	139.68 3.94 0.01	120.70 4.08 0.01	108.85 3.48 0.01	91.07 2.65 0.01	81.62 2.38 0.01	74.10 2.30 0.00	69.01 2.59 0.00
CE_NYC_DRP 24195	50.93 2.61 0.00	47.53 2.26 0.00	45.70 2.01 0.00	47.60 2.01 0.00	51.76 2.09 0.00	55.09 2.37 0.00	77.12 3.67 0.00	88.68 4.30 0.00	84.39 2.55 0.57	69.47 2.16 0.34	66.74 1.89 0.35	62.04 1.70 0.27	62.26 1.76 0.29	66.87 1.64 0.35	71.08 1.40 0.41	78.73 2.81 0.00	101.63 3.91 0.00	140.77 5.02 0.00	121.64 5.02 0.00	109.70 4.32 0.00	91.69 3.27 0.00	82.26 3.01 0.00	74.46 2.66 0.00	69.01 2.59 0.00
CHAFFEE___LFGE 323603	46.68 -1.64 0.00	44.27 -1.00 0.00	42.73 -0.96 0.00	44.91 -0.68 0.00	49.13 -0.55 0.00	51.46 -1.27 0.00	70.22 -3.23 0.00	80.75 -3.63 0.00	67.54 -0.33 14.53	59.33 0.48 8.79	56.65 0.39 8.94	54.27 0.54 6.88	54.05 0.67 7.40	57.37 0.79 9.00	60.22 0.70 10.57	73.56 -2.35 0.00	93.42 -4.30 0.00	127.87 -7.88 0.00	109.99 -6.64 0.00	98.85 -6.53 0.00	82.85 -5.57 0.00	74.89 -4.36 0.00	68.36 -3.45 0.00	63.76 -2.66 0.00
CHATEAUG_35_KV_LOAD 355732	47.79 -0.53 0.00	44.67 -0.59 0.00	43.03 -0.66 0.00	44.96 -0.64 0.00	49.08 -0.60 0.00	52.19 -0.53 0.00	73.01 -0.44 0.00	84.12 -0.25 0.00	80.91 -0.25 1.24	67.03 0.14 0.75	64.89 0.46 0.76	60.68 0.67 0.59	61.00 0.85 0.63	65.99 1.18 0.77	70.66 1.47 0.90	77.66 1.75 0.00	100.46 2.74 0.00	140.23 4.48 0.00	120.13 3.50 0.00	108.65 3.27 0.00	91.52 3.09 0.00	81.87 2.62 0.00	74.03 2.23 0.00	68.28 1.86 0.00
CHATEAUG_WT_PWR 323614	47.69 -0.63 0.00	44.59 -0.68 0.00	42.95 -0.74 0.00	44.91 -0.68 0.00	48.98 -0.70 0.00	52.09 -0.63 0.00	72.79 -0.66 0.00	83.96 -0.42 0.00	80.98 -0.41 1.01	67.04 0.00 0.61	64.97 0.39 0.62	60.67 0.54 0.48	61.01 0.73 0.51	65.94 0.99 0.62	70.62 1.26 0.73	77.44 1.52 0.00	99.87 2.15 0.00	139.42 3.67 0.00	119.42 2.79 0.00	108.11 2.74 0.00	91.07 2.65 0.00	81.47 2.22 0.00	73.67 1.86 0.00	68.01 1.59 0.00
CHAT_HIGH_FALL_HYD 323578	47.79 -0.53 0.00	44.67 -0.59 0.00	43.03 -0.66 0.00	44.96 -0.64 0.00	49.08 -0.60 0.00	52.19 -0.53 0.00	73.01 -0.44 0.00	84.12 -0.25 0.00	80.91 -0.25 1.24	67.03 0.14 0.75	64.89 0.46 0.76	60.68 0.67 0.59	61.00 0.85 0.63	65.99 1.18 0.77	70.66 1.47 0.90	77.66 1.75 0.00	100.46 2.74 0.00	140.23 4.48 0.00	120.13 3.50 0.00	108.65 3.27 0.00	91.52 3.09 0.00	81.87 2.62 0.00	74.03 2.23 0.00	68.28 1.86 0.00
CHAUTAUQUA___LFGE 323629	46.10 -2.22 0.00	43.77 -1.49 0.00	42.29 -1.40 0.00	44.55 -1.05 0.00	48.88 -0.80 0.00	51.51 -1.21 0.00	71.25 -2.20 0.00	82.18 -2.19 0.00	69.00 1.24 14.63	60.62 1.83 8.85	57.89 1.69 9.00	55.49 1.82 6.93	55.28 1.94 7.45	58.62 2.10 9.06	61.62 2.18 10.64	75.39 -0.53 0.00	95.86 -1.86 0.00	131.54 -4.21 0.00	112.78 -3.85 0.00	101.37 -4.00 0.00	84.79 -3.63 0.00	76.56 -2.69 0.00	69.58 -2.23 0.00	64.76 -1.66 0.00
CHERRYST_13_KV_LD 356241	51.08 2.75 0.00	47.62 2.35 0.00	45.79 2.10 0.00	47.74 2.14 0.00	51.86 2.19 0.00	55.20 2.48 0.00	77.34 3.89 0.00	89.02 4.64 0.00	84.72 2.88 0.57	69.74 2.44 0.34	67.00 2.15 0.35	62.28 1.94 0.27	62.50 2.01 0.29	67.13 1.90 0.35	71.36 1.68 0.41	79.03 3.11 0.00	102.02 4.30 0.00	141.18 5.43 0.00	121.99 5.36 0.00	110.02 4.64 0.00	91.96 3.54 0.00	82.50 3.25 0.00	74.68 2.87 0.00	69.21 2.79 0.00

CHESTROR_138KV_BK263 355645	50.06 1.74 0.00	46.76 1.49 0.00	45.00 1.31 0.00	46.96 1.37 0.00	51.11 1.44 0.00	54.30 1.58 0.00	75.95 2.50 0.00	87.24 2.87 0.00	83.10 1.32 0.61	68.15 0.88 0.37	65.47 0.65 0.38	60.86 0.55 0.29	61.02 0.55 0.31	65.66 0.46 0.38	70.00 0.35 0.45	77.51 1.59 0.00	100.17 2.44 0.00	139.14 3.39 0.00	120.01 3.38 0.00	108.22 2.85 0.00	90.54 2.12 0.00	81.15 1.90 0.00	73.46 1.65 0.00	68.02 1.59 0.00
CH_MIDHUDSON___DRP 24192	50.59 2.27 0.00	47.25 1.99 0.00	45.52 1.83 0.00	47.46 1.87 0.00	51.66 1.99 0.00	54.88 2.16 0.00	76.76 3.31 0.00	88.17 3.80 0.00	84.06 2.22 0.56	68.86 1.56 0.34	66.16 1.30 0.34	61.43 1.09 0.26	61.66 1.15 0.28	66.29 1.05 0.35	70.74 1.05 0.41	78.35 2.43 0.00	101.24 3.52 0.00	140.64 4.89 0.00	121.29 4.67 0.00	109.49 4.11 0.00	91.60 3.18 0.00	82.11 2.85 0.00	74.32 2.51 0.00	68.81 2.39 0.00
CH_MISC_IPPS 23765	50.74 2.42 0.00	47.39 2.13 0.00	45.61 1.92 0.00	47.60 2.00 0.00	51.81 2.13 0.00	55.04 2.32 0.00	77.12 3.67 0.00	88.59 4.22 0.00	84.46 2.64 0.57	69.13 1.83 0.34	66.41 1.56 0.35	61.67 1.33 0.27	61.83 1.34 0.29	66.61 1.38 0.35	71.01 1.33 0.41	78.65 2.73 0.00	101.92 4.20 0.00	141.58 5.83 0.00	121.88 5.25 0.00	110.23 4.85 0.00	92.22 3.80 0.00	82.58 3.33 0.00	74.68 2.88 0.00	69.01 2.59 0.00
CH_RES_BVR_FALLS 23983	48.23 -0.10 0.00	45.17 -0.09 0.00	43.60 -0.09 0.00	45.50 -0.09 0.00	49.57 -0.10 0.00	52.67 -0.05 0.00	73.38 -0.07 0.00	84.29 -0.08 0.00	82.07 -0.33 0.00	67.44 -0.20 0.00	65.00 -0.19 0.00	60.42 -0.18 0.00	60.60 -0.18 0.00	65.45 -0.13 0.00	69.95 -0.14 0.00	75.99 0.08 0.00	97.82 0.10 0.00	135.89 0.14 0.00	116.75 0.12 0.00	105.48 0.11 0.00	88.51 0.09 0.00	79.33 0.08 0.00	71.88 0.07 0.00	66.49 0.07 0.00
CH_RES_NIAGARA 23895	45.37 -2.95 0.00	43.04 -2.22 0.00	41.50 -2.18 0.00	43.45 -2.14 0.00	47.54 -2.14 0.00	49.61 -3.11 0.00	67.06 -6.39 0.00	76.87 -7.51 0.00	64.47 -4.28 13.64	56.96 -2.44 8.25	54.33 -2.48 8.39	52.03 -2.12 6.46	51.53 -2.31 6.94	54.84 -2.30 8.45	57.79 -2.38 9.92	70.07 -5.85 0.00	88.05 -9.67 0.00	120.95 -14.80 0.00	102.75 -13.88 0.00	93.89 -11.49 0.00	78.96 -9.46 0.00	71.49 -7.77 0.00	65.42 -6.39 0.00	60.71 -5.71 0.00
CH_RES_SYRACUSE 23985	47.55 -0.78 0.00	44.54 -0.73 0.00	43.03 -0.65 0.00	44.91 -0.68 0.00	48.93 -0.74 0.00	51.93 -0.79 0.00	72.49 -0.96 0.00	82.94 -1.43 0.00	55.48 -1.65 25.27	51.02 -1.35 15.27	48.30 -1.37 15.53	47.38 -1.28 11.95	46.60 -1.34 12.85	48.50 -1.44 15.64	50.18 -1.54 18.37	74.85 -1.06 0.00	96.26 -1.46 0.00	133.57 -2.18 0.00	114.65 -1.98 0.00	103.49 -1.89 0.00	86.56 -1.86 0.00	77.67 -1.58 0.00	70.29 -1.51 0.00	65.02 -1.40 0.00
CLINTON_WT_PWR 323605	47.69 -0.63 0.00	44.59 -0.68 0.00	42.95 -0.74 0.00	44.91 -0.68 0.00	48.98 -0.70 0.00	52.09 -0.63 0.00	72.79 -0.66 0.00	83.96 -0.42 0.00	80.98 -0.41 1.01	67.04 0.00 0.61	64.97 0.39 0.62	60.67 0.54 0.48	61.01 0.73 0.51	65.94 0.99 0.62	70.62 1.26 0.73	77.44 1.52 0.00	99.87 2.15 0.00	139.42 3.67 0.00	119.42 2.79 0.00	108.11 2.74 0.00	91.07 2.65 0.00	81.47 2.22 0.00	73.67 1.86 0.00	68.01 1.59 0.00
CLINTON___LFGE 323618	48.47 0.15 0.00	45.31 0.05 0.00	43.60 -0.09 0.00	45.64 0.05 0.00	49.82 0.15 0.00	53.04 0.32 0.00	74.19 0.73 0.00	85.56 1.18 0.00	82.48 1.15 1.07	68.15 1.15 0.65	65.97 1.43 0.66	61.67 1.57 0.51	62.01 1.76 0.54	67.08 2.16 0.66	71.83 2.52 0.78	78.80 2.88 0.00	102.02 4.29 0.00	142.94 7.19 0.00	122.23 5.60 0.00	110.65 5.27 0.00	93.10 4.68 0.00	83.21 3.96 0.00	75.18 3.38 0.00	69.28 2.85 0.00
COBBLENY_34_KV_TB1 80064	46.68 -1.64 0.00	44.27 -1.00 0.00	42.73 -0.96 0.00	44.82 -0.78 0.00	49.13 -0.55 0.00	51.46 -1.27 0.00	70.22 -3.23 0.00	80.75 -3.63 0.00	67.53 -0.33 14.53	59.33 0.47 8.79	56.65 0.39 8.94	54.33 0.61 6.88	53.81 0.43 7.40	57.37 0.79 9.00	60.29 0.77 10.57	73.49 -2.43 0.00	92.74 -4.98 0.00	127.88 -7.87 0.00	108.58 -8.05 0.00	98.85 -6.53 0.00	82.85 -5.57 0.00	74.89 -4.36 0.00	68.36 -3.45 0.00	63.23 -3.19 0.00
COFFEEN___115KV_TB3 355620	47.79 -0.53 0.00	44.81 -0.45 0.00	43.21 -0.48 0.00	45.05 -0.55 0.00	49.23 -0.45 0.00	52.30 -0.42 0.00	73.82 0.37 0.00	85.81 1.43 0.00	67.37 0.74 15.77	58.59 0.47 9.53	55.83 0.33 9.69	53.39 0.24 7.45	53.07 0.30 8.02	56.55 0.72 9.76	59.68 1.05 11.46	77.74 1.82 0.00	101.24 3.52 0.00	142.27 6.52 0.00	121.53 4.90 0.00	109.38 4.00 0.00	91.34 2.92 0.00	81.71 2.46 0.00	73.75 1.94 0.00	67.55 1.13 0.00
COLDSPRG_115KV_BK1 355956	46.53 -1.79 0.00	44.18 -1.09 0.00	42.73 -0.96 0.00	44.96 -0.64 0.00	49.38 -0.30 0.00	52.30 -0.42 0.00	72.42 -1.03 0.00	83.70 -0.68 0.00	71.15 3.87 15.12	62.36 3.86 9.14	59.55 3.65 9.29	57.09 3.64 7.16	56.68 3.59 7.70	60.29 4.07 9.36	63.37 4.28 10.99	76.75 0.84 0.00	97.23 -0.49 0.00	134.39 -1.36 0.00	114.06 -2.57 0.00	103.48 -1.90 0.00	86.39 -2.03 0.00	77.98 -1.27 0.00	70.87 -0.93 0.00	65.36 -1.06 0.00
COLONIE_LFGE___ 323577	50.40 2.08 0.00	47.12 1.86 0.00	45.44 1.75 0.00	47.42 1.83 0.00	51.61 1.94 0.00	54.83 2.11 0.00	76.17 2.72 0.00	87.16 2.78 0.00	84.04 1.65 0.00	68.59 0.95 0.00	65.91 0.72 0.00	61.15 0.54 0.00	61.27 0.48 0.00	66.04 0.46 0.00	70.59 0.49 0.00	77.74 1.82 0.00	100.36 2.64 0.00	139.42 3.67 0.00	119.89 3.26 0.00	108.44 3.06 0.00	90.89 2.47 0.00	81.39 2.14 0.00	73.81 2.01 0.00	68.41 1.99 0.00
COOPERNY_115KV_TB1 80082	49.53 1.21 0.00	46.30 1.04 0.00	44.61 0.92 0.00	46.55 0.96 0.00	50.67 0.99 0.00	53.78 1.05 0.00	75.21 1.76 0.00	86.49 2.11 0.00	82.58 0.91 0.72	67.82 0.61 0.43	65.21 0.46 0.44	60.63 0.36 0.34	60.78 0.36 0.37	65.46 0.33 0.45	69.78 0.21 0.52	77.06 1.14 0.00	99.48 1.76 0.00	138.06 2.31 0.00	119.08 2.45 0.00	107.49 2.11 0.00	90.01 1.59 0.00	80.68 1.43 0.00	73.03 1.22 0.00	67.62 1.20 0.00
COPENHAGEN_WT_PWR 323753	47.55 -0.78 0.00	44.54 -0.73 0.00	42.95 -0.74 0.00	44.82 -0.78 0.00	48.93 -0.74 0.00	51.98 -0.74 0.00	73.16 -0.29 0.00	84.89 0.51 0.00	65.84 -0.08 16.47	57.56 -0.14 9.95	54.94 -0.13 10.12	52.63 -0.18 7.79	52.35 -0.06 8.38	55.58 0.20 10.20	58.54 0.42 11.98	76.98 1.06 0.00	99.97 2.25 0.00	140.22 4.47 0.00	120.01 3.38 0.00	107.90 2.52 0.00	90.28 1.86 0.00	80.75 1.50 0.00	73.03 1.22 0.00	67.02 0.60 0.00
CORNELL_____ 23752	48.56 0.24 0.00	45.53 0.27 0.00	43.99 0.31 0.00	45.91 0.32 0.00	50.12 0.45 0.00	53.25 0.53 0.00	74.55 1.10 0.00	84.80 0.42 0.00	61.19 1.40 22.61	55.00 1.01 13.66	52.02 0.72 13.89	50.58 0.67 10.69	49.83 0.55 11.50	52.31 0.72 13.99	54.50 0.84 16.44	76.90 0.99 0.00	98.90 1.17 0.00	137.79 2.04 0.00	117.68 1.05 0.00	106.43 1.05 0.00	88.86 0.44 0.00	79.73 0.48 0.00	71.88 0.07 0.00	66.36 -0.07 0.00

CORONA__69_KV_TB1 355595	51.80 3.48 0.00	48.16 2.90 0.00	46.31 2.62 0.00	48.10 2.51 0.00	52.41 2.73 0.00	56.10 3.37 0.00	78.23 4.77 0.00	90.20 5.82 0.00	84.80 2.97 0.56	68.93 1.62 0.34	66.87 2.02 0.35	61.98 1.64 0.27	62.20 1.70 0.29	67.13 1.90 0.35	71.64 1.96 0.41	80.32 4.40 0.00	103.79 6.06 0.00	142.54 6.79 0.00	124.21 7.58 0.00	112.13 6.74 0.00	100.31 5.13 -6.76	98.58 4.60 -14.74	76.26 4.45 0.00	70.61 4.18 0.00
CORTLAND__115KV_TB3 80093	48.27 -0.05 0.00	45.22 -0.05 0.00	43.69 0.00 0.00	45.64 0.05 0.00	49.72 0.05 0.00	52.83 0.11 0.00	73.82 0.37 0.00	83.95 -0.42 0.00	59.24 0.08 23.24	53.60 0.00 14.04	50.72 -0.20 14.28	49.50 -0.12 10.99	48.72 -0.24 11.82	51.07 -0.13 14.38	53.06 -0.14 16.89	75.92 0.00 0.00	97.43 -0.29 0.00	135.48 -0.27 0.00	115.93 -0.70 0.00	104.85 -0.53 0.00	87.63 -0.80 0.00	78.62 -0.63 0.00	71.02 -0.79 0.00	65.63 -0.80 0.00
COXSACKIE__GT 23611	51.37 3.05 0.00	48.12 2.85 0.00	46.35 2.67 0.00	48.51 2.92 0.00	52.90 3.23 0.00	56.15 3.42 0.00	78.08 4.63 0.00	89.86 5.48 0.00	86.60 4.20 0.00	69.87 2.23 0.00	66.89 1.69 0.00	61.94 1.33 0.00	62.06 1.28 0.00	66.96 1.38 0.00	71.84 1.75 0.00	79.56 3.64 0.00	103.68 5.96 0.00	145.53 9.78 0.00	124.79 8.16 0.00	112.55 7.17 0.00	94.09 5.66 0.00	84.09 4.84 0.00	76.26 4.45 0.00	70.61 4.19 0.00
CPV_VALLEY__CC1 323721	49.67 1.35 0.00	46.39 1.13 0.00	44.69 1.01 0.00	46.60 1.00 0.00	50.72 1.04 0.00	53.88 1.16 0.00	75.29 1.84 0.00	86.57 2.19 0.00	82.40 0.66 0.65	67.66 0.41 0.39	65.06 0.26 0.40	60.48 0.18 0.31	60.64 0.18 0.33	65.24 0.07 0.40	69.55 -0.07 0.47	76.98 1.06 0.00	99.48 1.76 0.00	137.92 2.17 0.00	118.84 2.21 0.00	107.38 2.00 0.00	89.92 1.50 0.00	80.60 1.35 0.00	72.95 1.15 0.00	67.48 1.06 0.00
CPV_VALLEY__CC2 323722	49.67 1.35 0.00	46.39 1.13 0.00	44.69 1.01 0.00	46.60 1.00 0.00	50.72 1.04 0.00	53.88 1.16 0.00	75.29 1.84 0.00	86.57 2.19 0.00	82.40 0.66 0.65	67.66 0.41 0.39	65.06 0.26 0.40	60.48 0.18 0.31	60.64 0.18 0.33	65.24 0.07 0.40	69.55 -0.07 0.47	76.98 1.06 0.00	99.48 1.76 0.00	137.92 2.17 0.00	118.84 2.21 0.00	107.38 2.00 0.00	89.92 1.50 0.00	80.60 1.35 0.00	72.95 1.15 0.00	67.48 1.06 0.00
CRESCENT__HYD 24018	50.40 2.08 0.00	47.12 1.86 0.00	45.44 1.75 0.00	47.42 1.83 0.00	51.61 1.94 0.00	54.83 2.11 0.00	76.17 2.72 0.00	87.16 2.78 0.00	84.04 1.65 0.00	68.59 0.95 0.00	65.91 0.72 0.00	61.15 0.54 0.00	61.27 0.48 0.00	66.04 0.46 0.00	70.59 0.49 0.00	77.74 1.82 0.00	100.36 2.64 0.00	139.42 3.67 0.00	119.89 3.26 0.00	108.44 3.06 0.00	90.89 2.47 0.00	81.39 2.14 0.00	73.81 2.01 0.00	68.41 1.99 0.00
CRICKET__VALLEY_CC1 323756	50.30 1.98 0.00	47.03 1.76 0.00	45.26 1.57 0.00	47.19 1.59 0.00	51.31 1.64 0.00	54.46 1.74 0.00	76.02 2.57 0.00	87.25 2.87 0.00	83.55 1.15 0.00	68.32 0.68 0.00	65.65 0.46 0.00	60.97 0.37 0.00	61.15 0.37 0.00	65.84 0.26 0.00	70.23 0.14 0.00	77.51 1.60 0.00	100.17 2.44 0.00	138.73 2.98 0.00	119.55 2.92 0.00	108.23 2.85 0.00	90.63 2.21 0.00	81.23 1.98 0.00	73.60 1.80 0.00	68.08 1.66 0.00
CRICKET__VALLEY_CC2 323757	50.30 1.98 0.00	47.03 1.76 0.00	45.26 1.57 0.00	47.19 1.59 0.00	51.31 1.64 0.00	54.46 1.74 0.00	76.02 2.57 0.00	87.25 2.87 0.00	83.55 1.15 0.00	68.32 0.68 0.00	65.65 0.46 0.00	60.97 0.37 0.00	61.15 0.37 0.00	65.84 0.26 0.00	70.23 0.14 0.00	77.51 1.60 0.00	100.17 2.44 0.00	138.73 2.98 0.00	119.55 2.92 0.00	108.23 2.85 0.00	90.63 2.21 0.00	81.23 1.98 0.00	73.60 1.80 0.00	68.08 1.66 0.00
CRICKET__VALLEY_CC3 323758	50.30 1.98 0.00	47.03 1.76 0.00	45.26 1.57 0.00	47.19 1.59 0.00	51.31 1.64 0.00	54.46 1.74 0.00	76.02 2.57 0.00	87.25 2.87 0.00	83.55 1.15 0.00	68.32 0.68 0.00	65.65 0.46 0.00	60.97 0.37 0.00	61.15 0.37 0.00	65.84 0.26 0.00	70.23 0.14 0.00	77.51 1.60 0.00	100.17 2.44 0.00	138.73 2.98 0.00	119.55 2.92 0.00	108.23 2.85 0.00	90.63 2.21 0.00	81.23 1.98 0.00	73.60 1.80 0.00	68.08 1.66 0.00
CRUCIBLE__METL_DRP 24180	47.55 -0.77 0.00	44.54 -0.72 0.00	43.03 -0.66 0.00	44.91 -0.68 0.00	48.93 -0.75 0.00	51.93 -0.79 0.00	72.50 -0.95 0.00	82.94 -1.43 0.00	55.48 -1.65 25.27	51.02 -1.35 15.27	48.30 -1.37 15.53	47.38 -1.27 11.95	46.60 -1.34 12.85	48.50 -1.44 15.64	50.18 -1.54 18.37	74.85 -1.06 0.00	96.06 -1.66 0.00	133.58 -2.17 0.00	114.41 -2.22 0.00	103.48 -1.90 0.00	86.56 -1.86 0.00	77.67 -1.59 0.00	70.30 -1.51 0.00	64.89 -1.53 0.00
DAHOWA__HYDRO 323763	51.17 2.85 0.00	47.84 2.58 0.00	46.13 2.45 0.00	48.15 2.55 0.00	52.45 2.78 0.00	55.94 3.22 0.00	77.05 3.60 0.00	88.34 3.97 0.00	85.11 2.72 0.00	69.27 1.62 0.00	66.43 1.24 0.00	61.45 0.85 0.00	61.46 0.67 0.00	66.24 0.66 0.00	71.00 0.91 0.00	78.42 2.50 0.00	101.53 3.81 0.00	141.58 5.83 0.00	121.64 5.01 0.00	109.80 4.43 0.00	92.13 3.71 0.00	82.26 3.01 0.00	74.53 2.73 0.00	69.15 2.72 0.00
DANC__LFGE 323619	47.26 -1.06 0.00	44.31 -0.95 0.00	42.77 -0.92 0.00	44.59 -1.00 0.00	48.68 -0.99 0.00	51.61 -1.11 0.00	72.35 -1.10 0.00	83.62 -0.76 0.00	60.71 -1.32 20.37	54.25 -1.08 12.31	51.63 -1.05 12.51	50.00 -0.97 9.63	49.52 -0.91 10.36	52.19 -0.78 12.61	54.52 -0.77 14.81	75.69 -0.23 0.00	97.82 0.10 0.00	136.71 0.96 0.00	117.10 0.47 0.00	105.48 0.11 0.00	88.25 -0.18 0.00	79.02 -0.24 0.00	71.59 -0.21 0.00	65.96 -0.46 0.00
DANSKAMMER__1 23586	50.74 2.42 0.00	47.39 2.13 0.00	45.61 1.92 0.00	47.60 2.00 0.00	51.81 2.13 0.00	55.04 2.32 0.00	77.12 3.67 0.00	88.59 4.22 0.00	84.46 2.64 0.57	69.13 1.83 0.34	66.41 1.56 0.35	61.67 1.33 0.27	61.83 1.34 0.29	66.61 1.38 0.35	71.01 1.33 0.41	78.65 2.73 0.00	101.92 4.20 0.00	141.58 5.83 0.00	121.88 5.25 0.00	110.23 4.85 0.00	92.22 3.80 0.00	82.58 3.33 0.00	74.68 2.88 0.00	69.01 2.59 0.00
DANSKAMMER__2 23589	50.74 2.42 0.00	47.39 2.13 0.00	45.61 1.92 0.00	47.60 2.00 0.00	51.81 2.13 0.00	55.04 2.32 0.00	77.12 3.67 0.00	88.59 4.22 0.00	84.46 2.64 0.57	69.13 1.83 0.34	66.41 1.56 0.35	61.67 1.33 0.27	61.83 1.34 0.29	66.61 1.38 0.35	71.01 1.33 0.41	78.65 2.73 0.00	101.92 4.20 0.00	141.58 5.83 0.00	121.88 5.25 0.00	110.23 4.85 0.00	92.22 3.80 0.00	82.58 3.33 0.00	74.68 2.88 0.00	69.01 2.59 0.00
DANSKAMMER__3 23590	50.74 2.42 0.00	47.39 2.13 0.00	45.61 1.92 0.00	47.60 2.00 0.00	51.81 2.13 0.00	55.04 2.32 0.00	77.12 3.67 0.00	88.59 4.22 0.00	84.46 2.64 0.57	69.13 1.83 0.34	66.41 1.56 0.35	61.67 1.33 0.27	61.83 1.34 0.29	66.61 1.38 0.35	71.01 1.33 0.41	78.65 2.73 0.00	101.92 4.20 0.00	141.58 5.83 0.00	121.88 5.25 0.00	110.23 4.85 0.00	92.22 3.80 0.00	82.58 3.33 0.00	74.68 2.88 0.00	69.01 2.59 0.00

DANSKAMMER___4 23591	50.74 2.42 0.00	47.39 2.13 0.00	45.61 1.92 0.00	47.60 2.00 0.00	51.81 2.13 0.00	55.04 2.32 0.00	77.12 3.67 0.00	88.59 4.22 0.00	84.46 2.64 0.57	69.13 1.83 0.34	66.41 1.56 0.35	61.67 1.33 0.27	61.83 1.34 0.29	66.61 1.38 0.35	71.01 1.33 0.41	78.65 2.73 0.00	101.92 4.20 0.00	141.58 5.83 0.00	121.88 5.25 0.00	110.23 4.85 0.00	92.22 3.80 0.00	82.58 3.33 0.00	74.68 2.88 0.00	69.01 2.59 0.00
DANSKAMMER___DIESEL 23592	50.74 2.42 0.00	47.39 2.13 0.00	45.61 1.92 0.00	47.60 2.01 0.00	51.81 2.14 0.00	55.04 2.32 0.00	77.12 3.67 0.00	88.60 4.22 0.00	84.46 2.64 0.57	69.20 1.89 0.34	66.41 1.56 0.35	61.67 1.33 0.27	61.89 1.40 0.29	66.61 1.38 0.35	71.01 1.33 0.41	78.73 2.81 0.00	101.83 4.10 0.00	141.59 5.84 0.00	122.11 5.48 0.00	110.23 4.85 0.00	92.22 3.80 0.00	82.58 3.33 0.00	74.68 2.87 0.00	69.08 2.66 0.00
DARBY___SOLAR 323810	50.98 2.66 0.00	47.66 2.40 0.00	45.96 2.27 0.00	47.96 2.37 0.00	52.25 2.58 0.00	55.67 2.95 0.00	76.76 3.31 0.00	88.08 3.71 0.00	84.87 2.47 0.00	69.07 1.42 0.00	66.23 1.04 0.00	61.27 0.67 0.00	61.27 0.48 0.00	66.10 0.52 0.00	70.86 0.77 0.00	78.19 2.28 0.00	101.24 3.51 0.00	141.19 5.44 0.00	121.30 4.67 0.00	109.38 4.00 0.00	91.87 3.44 0.00	82.02 2.77 0.00	74.32 2.51 0.00	68.95 2.52 0.00
DASHVILLE___HYD 23610	50.30 1.98 0.00	46.98 1.72 0.00	45.26 1.57 0.00	47.23 1.64 0.00	51.41 1.74 0.00	54.57 1.85 0.00	76.46 3.01 0.00	87.84 3.46 0.00	84.29 1.90 0.00	68.80 1.15 0.00	66.04 0.85 0.00	61.27 0.67 0.00	61.45 0.67 0.00	66.17 0.59 0.00	70.65 0.56 0.00	77.82 1.90 0.00	100.85 3.13 0.00	140.23 4.48 0.00	120.94 4.32 0.00	109.17 3.79 0.00	91.25 2.83 0.00	81.79 2.54 0.00	74.03 2.23 0.00	68.55 2.13 0.00
DELAWARE___LFGE 323621	49.19 0.87 0.00	46.03 0.77 0.00	44.47 0.79 0.00	46.37 0.78 0.00	50.57 0.89 0.00	53.62 0.90 0.00	75.07 1.62 0.00	86.91 2.53 0.00	76.00 1.48 7.88	63.97 1.08 4.76	61.20 0.85 4.84	57.67 0.79 3.73	57.57 0.79 4.01	61.56 0.85 4.88	65.20 0.84 5.73	77.36 1.44 0.00	99.77 2.05 0.00	138.74 2.99 0.00	119.31 2.68 0.00	107.70 2.32 0.00	90.10 1.68 0.00	80.76 1.51 0.00	73.24 1.44 0.00	67.82 1.39 0.00
DERFIELD_115KV_TB7 355931	48.47 0.14 0.00	45.40 0.14 0.00	43.82 0.13 0.00	45.73 0.14 0.00	49.82 0.15 0.00	52.88 0.16 0.00	73.67 0.22 0.00	84.71 0.34 0.00	80.08 0.00 2.32	66.18 -0.07 1.40	63.71 -0.07 1.42	59.39 -0.12 1.10	59.49 -0.12 1.18	64.02 -0.13 1.43	68.27 -0.14 1.68	76.07 0.15 0.00	97.92 0.20 0.00	136.16 0.41 0.00	116.98 0.35 0.00	105.69 0.32 0.00	88.60 0.18 0.00	79.41 0.16 0.00	71.95 0.14 0.00	66.62 0.20 0.00
DOGLEVILLE___HYD 23807	51.90 3.58 0.00	48.61 3.35 0.00	46.83 3.15 0.00	48.88 3.28 0.00	53.25 3.58 0.00	56.46 3.74 0.00	78.74 5.29 0.00	90.70 6.33 0.00	86.34 6.26 2.32	71.59 5.34 1.40	69.12 5.35 1.42	64.60 5.09 1.10	64.84 5.23 1.18	69.92 5.77 1.43	74.65 6.24 1.68	82.75 6.83 0.00	106.52 8.80 0.00	148.10 12.35 0.00	127.24 10.61 0.00	114.97 9.59 0.00	96.38 7.96 0.00	86.38 7.13 0.00	78.63 6.82 0.00	72.73 6.31 0.00
DUNKIRK__115KV_TB_200 55889	46.20 -2.13 0.00	43.86 -1.40 0.00	42.38 -1.31 0.00	44.54 -1.05 0.00	48.88 -0.79 0.00	51.51 -1.21 0.00	71.17 -2.28 0.00	82.01 -2.36 0.00	68.85 1.07 14.61	60.43 1.62 8.84	57.71 1.50 8.99	55.32 1.64 6.92	54.86 1.52 7.44	58.43 1.90 9.05	61.43 1.96 10.63	75.16 -0.76 0.00	94.99 -2.74 0.00	131.13 -4.62 0.00	111.38 -5.25 0.00	101.16 -4.22 0.00	84.62 -3.80 0.00	76.40 -2.85 0.00	69.44 -2.37 0.00	64.16 -2.26 0.00
DUNKIRK___1 23563	46.20 -2.13 0.00	43.86 -1.40 0.00	42.38 -1.31 0.00	44.54 -1.05 0.00	48.88 -0.79 0.00	51.51 -1.21 0.00	71.17 -2.28 0.00	82.01 -2.36 0.00	68.85 1.07 14.61	60.43 1.62 8.84	57.71 1.50 8.99	55.32 1.64 6.92	54.86 1.52 7.44	58.43 1.90 9.05	61.43 1.96 10.63	75.16 -0.76 0.00	94.99 -2.74 0.00	131.13 -4.62 0.00	111.38 -5.25 0.00	101.16 -4.22 0.00	84.62 -3.80 0.00	76.40 -2.85 0.00	69.44 -2.37 0.00	64.16 -2.26 0.00
DUNKIRK___2 23564	46.20 -2.13 0.00	43.86 -1.40 0.00	42.38 -1.31 0.00	44.54 -1.05 0.00	48.88 -0.79 0.00	51.51 -1.21 0.00	71.17 -2.28 0.00	82.01 -2.36 0.00	68.85 1.07 14.61	60.43 1.62 8.84	57.71 1.50 8.99	55.32 1.64 6.92	54.86 1.52 7.44	58.43 1.90 9.05	61.43 1.96 10.63	75.16 -0.76 0.00	94.99 -2.74 0.00	131.13 -4.62 0.00	111.38 -5.25 0.00	101.16 -4.22 0.00	84.62 -3.80 0.00	76.40 -2.85 0.00	69.44 -2.37 0.00	64.16 -2.26 0.00
DUNKIRK___3 23565	46.24 -2.08 0.00	43.90 -1.36 0.00	42.38 -1.31 0.00	44.50 -1.09 0.00	48.83 -0.84 0.00	51.30 -1.42 0.00	70.73 -2.72 0.00	81.34 -3.04 0.00	68.28 0.49 14.62	59.96 1.15 8.84	57.25 1.04 8.99	54.90 1.21 6.92	54.44 1.09 7.44	57.97 1.44 9.05	60.93 1.47 10.63	74.47 -1.44 0.00	94.11 -3.62 0.00	129.91 -5.84 0.00	110.33 -6.30 0.00	100.32 -5.06 0.00	83.91 -4.51 0.00	75.76 -3.49 0.00	68.93 -2.87 0.00	63.77 -2.66 0.00
DUNKIRK___4 23566	46.24 -2.08 0.00	43.90 -1.36 0.00	42.38 -1.31 0.00	44.50 -1.09 0.00	48.83 -0.84 0.00	51.30 -1.42 0.00	70.73 -2.72 0.00	81.34 -3.04 0.00	68.28 0.49 14.62	59.96 1.15 8.84	57.25 1.04 8.99	54.90 1.21 6.92	54.44 1.09 7.44	57.97 1.44 9.05	60.93 1.47 10.63	74.47 -1.44 0.00	94.11 -3.62 0.00	129.91 -5.84 0.00	110.33 -6.30 0.00	100.32 -5.06 0.00	83.91 -4.51 0.00	75.76 -3.49 0.00	68.93 -2.87 0.00	63.77 -2.66 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.84 2.51 0.00	47.44 2.17 0.00	45.61 1.92 0.00	47.55 1.96 0.00	51.71 2.04 0.00	55.04 2.32 0.00	76.98 3.53 0.00	88.43 4.05 0.00	84.14 2.31 0.57	69.13 1.83 0.34	66.48 1.63 0.35	61.79 1.45 0.27	61.96 1.46 0.29	66.61 1.38 0.35	70.87 1.19 0.41	78.57 2.66 0.00	101.53 3.81 0.00	140.64 4.89 0.00	121.53 4.90 0.00	109.59 4.22 0.00	91.78 3.36 0.00	82.26 3.01 0.00	74.46 2.66 0.00	68.95 2.52 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.35 2.03 0.00	47.03 1.77 0.00	45.26 1.57 0.00	47.23 1.64 0.00	51.41 1.74 0.00	54.62 1.90 0.00	76.46 3.01 0.00	87.84 3.46 0.00	83.70 1.90 0.59	68.58 1.29 0.36	65.88 1.04 0.36	61.18 0.85 0.28	61.40 0.91 0.30	66.07 0.85 0.36	70.44 0.77 0.43	78.04 2.13 0.00	100.95 3.22 0.00	140.23 4.48 0.00	120.94 4.32 0.00	109.17 3.79 0.00	91.34 2.92 0.00	81.79 2.54 0.00	74.03 2.23 0.00	68.48 2.06 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	51.18 2.85 -0.01	47.76 2.49 -0.01	46.01 2.32 -0.01	47.88 2.28 -0.01	52.01 2.33 0.00	55.09 2.37 0.00	76.31 2.86 0.01	87.91 3.54 0.01	83.55 1.73 0.57	69.00 1.69 0.34	66.41 1.56 0.35	61.67 1.33 0.27	61.90 1.40 0.29	66.35 1.11 0.35	70.31 0.63 0.41	77.66 1.75 0.01	100.55 2.83 0.01	139.14 3.39 0.01	120.24 3.62 0.01	108.53 3.16 0.01	90.80 2.39 0.01	81.46 2.22 0.01	73.67 1.87 0.00	68.81 2.39 0.00

E179THST_13_KV_LOAD 356214	51.37 3.04 -0.01	47.94 2.67 -0.01	46.19 2.49 -0.01	48.06 2.46 -0.01	52.16 2.48 0.00	55.30 2.58 0.00	76.68 3.23 0.01	88.33 3.97 0.01	84.05 2.22 0.57	69.33 2.03 0.34	66.74 1.89 0.35	62.04 1.70 0.27	62.20 1.70 0.29	66.67 1.44 0.35	70.66 0.98 0.41	78.04 2.13 0.01	101.13 3.42 0.01	139.82 4.07 0.01	120.94 4.32 0.01	109.06 3.69 0.01	91.24 2.83 0.01	81.86 2.62 0.01	74.03 2.23 0.00	69.15 2.72 0.00
EAST HAMPTON___GT 23717	52.04 3.72 0.00	48.30 3.03 0.00	46.44 2.75 0.00	47.96 2.37 0.00	52.50 2.83 0.00	56.57 3.85 0.00	76.31 2.86 0.00	88.59 4.22 0.00	80.93 -0.90 0.56	65.07 -2.23 0.34	63.61 -1.24 0.35	58.64 -1.70 0.27	58.86 -1.64 0.29	64.38 -0.85 0.35	69.33 -0.35 0.41	79.64 3.72 0.00	106.82 9.09 -0.01	143.76 8.01 0.00	127.95 11.31 -0.01	116.45 11.06 -0.01	104.46 9.28 -6.75	102.47 8.48 -14.73	79.78 7.97 -0.01	74.00 7.57 -0.01
EAST RIVER___6 23660	50.88 2.56 0.00	47.48 2.22 0.00	45.66 1.97 0.00	47.55 1.96 0.00	51.71 2.04 0.00	55.10 2.37 0.00	77.20 3.74 0.00	88.85 4.47 0.00	84.55 2.72 0.57	69.61 2.30 0.34	66.93 2.09 0.35	62.22 1.88 0.27	62.39 1.89 0.29	67.07 1.83 0.35	71.29 1.61 0.41	78.88 2.96 0.00	102.02 4.29 0.00	141.04 5.29 0.00	121.75 5.13 0.00	109.91 4.53 0.00	91.87 3.44 0.00	82.34 3.09 0.00	74.53 2.73 0.00	68.88 2.46 0.00
EAST RIVER___7 23524	50.88 2.56 0.00	47.48 2.22 0.00	45.66 1.97 0.00	47.55 1.96 0.00	51.71 2.04 0.00	55.10 2.37 0.00	77.20 3.74 0.00	88.85 4.47 0.00	84.55 2.72 0.57	69.61 2.30 0.34	66.93 2.09 0.35	62.22 1.88 0.27	62.39 1.89 0.29	67.07 1.83 0.35	71.29 1.61 0.41	78.88 2.96 0.00	102.02 4.29 0.00	141.04 5.29 0.00	121.75 5.13 0.00	109.91 4.53 0.00	91.87 3.44 0.00	82.34 3.09 0.00	74.53 2.73 0.00	68.88 2.46 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.59 2.27 0.00	47.25 1.99 0.00	45.48 1.79 0.00	47.37 1.78 0.00	51.51 1.84 0.00	54.83 2.11 0.00	76.68 3.23 0.00	88.09 3.71 0.00	83.80 1.98 0.57	68.79 1.49 0.35	66.15 1.30 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.28 1.05 0.35	70.59 0.91 0.42	78.27 2.35 0.00	101.14 3.42 0.00	140.09 4.34 0.00	121.06 4.43 0.00	109.17 3.79 0.00	91.34 2.92 0.00	81.87 2.62 0.00	74.10 2.30 0.00	68.68 2.26 0.00
EAST_HAMPTON___DIESEL 23722	51.95 3.63 0.00	48.20 2.94 0.00	46.35 2.67 0.00	47.87 2.28 0.00	52.40 2.73 0.00	56.47 3.74 0.00	76.09 2.64 0.00	88.34 3.97 0.00	80.68 -1.15 0.56	64.87 -2.43 0.34	63.41 -1.43 0.35	58.52 -1.82 0.27	58.73 -1.76 0.29	64.25 -0.98 0.35	69.19 -0.49 0.41	79.49 3.57 0.00	106.62 8.89 -0.01	143.62 7.87 0.00	127.95 11.31 -0.01	116.35 10.96 -0.01	104.37 9.20 -6.75	102.38 8.40 -14.73	79.78 7.97 -0.01	74.00 7.57 -0.01
EAST_POINT___SOLAR 323840	49.43 1.11 0.00	46.17 0.90 0.00	44.48 0.79 0.00	46.46 0.86 0.00	50.72 1.04 0.00	54.30 1.58 0.00	76.17 2.72 0.00	87.25 2.87 0.00	82.48 0.08 0.00	65.42 -2.23 0.00	62.20 -3.00 0.00	57.09 -3.52 0.00	56.96 -3.83 0.00	61.78 -3.81 0.00	66.94 -3.15 0.00	76.15 0.23 0.00	100.85 3.13 0.00	141.58 5.83 0.00	121.53 4.90 0.00	109.28 3.90 0.00	91.43 3.01 0.00	81.31 2.06 0.00	73.81 2.01 0.00	68.35 1.93 0.00
EAST_PULASKI___ESR 323781	47.12 -1.21 0.00	44.13 -1.13 0.00	42.64 -1.05 0.00	44.50 -1.09 0.00	48.48 -1.19 0.00	51.41 -1.32 0.00	71.77 -1.69 0.00	82.52 -1.86 0.00	55.27 -2.39 24.74	50.74 -1.96 14.95	48.10 -1.89 15.20	47.21 -1.70 11.70	46.50 -1.70 12.58	48.51 -1.77 15.31	50.29 -1.82 17.98	74.32 -1.60 0.00	95.67 -2.06 0.00	133.31 -2.44 0.00	114.30 -2.33 0.00	103.06 -2.32 0.00	86.30 -2.12 0.00	77.35 -1.90 0.00	70.29 -1.51 0.00	64.96 -1.46 0.00
EAST_RIVER___1 323558	50.93 2.61 0.00	47.52 2.26 0.00	45.70 2.01 0.00	47.60 2.00 0.00	51.76 2.09 0.00	55.10 2.37 0.00	77.12 3.67 0.00	88.68 4.30 0.00	84.39 2.56 0.57	69.47 2.16 0.34	66.74 1.89 0.35	62.03 1.69 0.27	62.26 1.76 0.29	66.87 1.64 0.35	71.16 1.47 0.41	78.73 2.81 0.00	101.73 4.01 0.00	140.78 5.03 0.00	121.41 4.78 0.00	109.70 4.32 0.00	91.70 3.27 0.00	82.26 3.01 0.00	74.46 2.66 0.00	68.88 2.46 0.00
EAST_RIVER___2 323559	50.88 2.56 0.00	47.48 2.22 0.00	45.66 1.97 0.00	47.55 1.96 0.00	51.71 2.04 0.00	55.10 2.37 0.00	77.20 3.74 0.00	88.85 4.47 0.00	84.55 2.72 0.57	69.61 2.30 0.34	66.93 2.09 0.35	62.22 1.88 0.27	62.39 1.89 0.29	67.07 1.83 0.35	71.29 1.61 0.41	78.88 2.96 0.00	102.02 4.29 0.00	141.04 5.29 0.00	121.75 5.13 0.00	109.91 4.53 0.00	91.87 3.44 0.00	82.34 3.09 0.00	74.53 2.73 0.00	68.88 2.46 0.00
EAST___DELAWARE_HYD 23607	50.79 2.46 0.00	47.48 2.22 0.00	45.70 2.01 0.00	47.69 2.10 0.00	52.01 2.34 0.00	55.25 2.53 0.00	77.56 4.11 0.00	89.27 4.89 0.00	84.49 2.72 0.62	69.03 1.76 0.38	66.12 1.30 0.38	61.40 1.09 0.29	61.57 1.10 0.32	66.31 1.11 0.38	70.83 1.19 0.45	78.50 2.58 0.00	101.92 4.20 0.00	142.00 6.25 0.00	122.23 5.60 0.00	110.44 5.06 0.00	92.31 3.89 0.00	82.66 3.41 0.00	74.68 2.88 0.00	68.95 2.52 0.00
EIGHT_POINT___WT_PWR 323820	45.57 -2.75 0.00	43.14 -2.13 0.00	41.89 -1.79 0.00	44.13 -1.46 0.00	48.48 -1.19 0.00	51.56 -1.16 0.00	71.91 -1.55 0.00	81.93 -2.45 0.00	70.91 7.66 19.15	62.43 6.36 11.57	59.49 6.06 11.77	57.49 5.94 9.06	56.94 5.89 9.74	60.29 6.56 11.85	63.32 7.15 13.92	82.22 6.30 0.00	106.02 8.30 0.00	148.10 12.35 0.00	126.19 9.57 0.00	113.38 8.00 0.00	93.73 5.30 0.00	83.61 4.36 0.00	74.53 2.73 0.00	69.74 3.32 0.00
ELBRIDGE_115KV_TB2 80188	47.31 -1.01 0.00	44.36 -0.91 0.00	42.86 -0.83 0.00	44.73 -0.87 0.00	48.73 -0.94 0.00	51.72 -1.00 0.00	72.13 -1.32 0.00	82.44 -1.94 0.00	55.32 -2.06 25.02	50.84 -1.69 15.12	48.06 -1.76 15.37	47.14 -1.64 11.83	46.36 -1.70 12.72	48.33 -1.77 15.48	49.94 -1.96 18.18	74.40 -1.52 0.00	95.47 -2.25 0.00	132.76 -2.99 0.00	113.71 -2.92 0.00	102.85 -2.53 0.00	86.03 -2.39 0.00	77.19 -2.06 0.00	69.80 -2.01 0.00	64.50 -1.93 0.00
ELEC_TRO_TEK 24086	51.46 3.14 0.00	47.89 2.63 0.00	46.05 2.36 0.00	47.87 2.28 0.00	52.11 2.43 0.00	55.78 3.06 0.00	77.79 4.33 0.00	89.69 5.32 0.00	84.22 2.39 0.56	68.52 1.22 0.34	66.48 1.63 0.35	61.55 1.21 0.27	61.90 1.40 0.29	66.74 1.51 0.35	71.22 1.54 0.41	79.79 3.87 0.00	103.00 5.28 0.00	141.32 5.57 0.00	123.28 6.65 0.00	111.18 5.80 0.00	99.60 4.42 -6.76	98.03 4.04 -14.73	75.76 3.95 0.00	70.21 3.79 0.00
ELLENBURG_WT_PWR 323604	47.69 -0.63 0.00	44.59 -0.68 0.00	42.95 -0.74 0.00	44.91 -0.68 0.00	48.98 -0.70 0.00	52.09 -0.63 0.00	72.79 -0.66 0.00	83.96 -0.42 0.00	80.98 -0.41 1.01	67.04 0.00 0.61	64.97 0.39 0.62	60.67 0.54 0.48	61.01 0.73 0.51	65.94 0.99 0.62	70.62 1.26 0.73	77.44 1.52 0.00	99.87 2.15 0.00	139.42 3.67 0.00	119.42 2.79 0.00	108.11 2.74 0.00	91.07 2.65 0.00	81.47 2.22 0.00	73.67 1.86 0.00	68.01 1.59 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	46.34 -1.98 0.00	43.95 -1.31 0.00	42.42 -1.27 0.00	44.50 -1.09 0.00	48.73 -0.94 0.00	50.93 -1.79 0.00	69.34 -4.11 0.00	79.65 -4.73 0.00	66.71 -1.81 13.88	58.57 -0.68 8.40	55.94 -0.72 8.54	53.60 -0.42 6.58	53.17 -0.55 7.07	56.65 -0.33 8.60	59.57 -0.42 10.10	72.58 -3.34 0.00	91.47 -6.25 0.00	125.98 -9.77 0.00	107.07 -9.56 0.00	97.48 -7.90 0.00	81.79 -6.63 0.00	73.94 -5.31 0.00	67.57 -4.24 0.00	62.57 -3.85 0.00
EMPIRE_CC_1 323656	49.91 1.59 0.00	46.67 1.40 0.00	45.04 1.36 0.00	46.96 1.37 0.00	51.11 1.44 0.00	54.20 1.47 0.00	75.07 1.61 0.00	86.06 1.69 0.00	82.73 0.33 0.00	67.58 -0.07 0.00	65.06 -0.13 0.00	60.55 -0.06 0.00	60.66 -0.12 0.00	65.32 -0.26 0.00	69.53 -0.56 0.00	76.68 0.76 0.00	98.90 1.18 0.00	137.11 1.36 0.00	117.80 1.17 0.00	106.85 1.47 0.00	89.57 1.15 0.00	80.36 1.11 0.00	72.81 1.00 0.00	67.55 1.13 0.00
EMPIRE_CC_2 323658	49.91 1.59 0.00	46.67 1.40 0.00	45.04 1.36 0.00	46.96 1.37 0.00	51.11 1.44 0.00	54.20 1.47 0.00	75.07 1.61 0.00	86.06 1.69 0.00	82.73 0.33 0.00	67.58 -0.07 0.00	65.06 -0.13 0.00	60.55 -0.06 0.00	60.66 -0.12 0.00	65.32 -0.26 0.00	69.53 -0.56 0.00	76.68 0.76 0.00	98.90 1.18 0.00	137.11 1.36 0.00	117.80 1.17 0.00	106.85 1.47 0.00	89.57 1.15 0.00	80.36 1.11 0.00	72.81 1.00 0.00	67.55 1.13 0.00
ENORWICH_115KV_TB1 80156	50.11 1.79 0.00	46.94 1.67 0.00	45.30 1.62 0.00	47.28 1.69 0.00	51.81 2.14 0.00	55.30 2.58 0.00	78.37 4.92 0.00	89.95 5.57 0.00	69.91 5.93 18.42	60.78 4.26 11.13	57.40 3.52 11.32	55.23 3.33 8.71	54.82 3.40 9.37	58.44 4.26 11.40	61.61 4.91 13.39	81.69 5.77 0.00	106.22 8.50 0.00	148.65 12.90 0.00	126.89 10.26 0.00	114.34 8.96 0.00	95.23 6.81 0.00	84.88 5.63 0.00	76.33 4.52 0.00	70.14 3.72 0.00
ERIE_ST__34_KV_TB1-2 80199	46.73 -1.59 0.00	44.31 -0.95 0.00	42.77 -0.92 0.00	44.86 -0.73 0.00	49.18 -0.50 0.00	51.51 -1.21 0.00	70.44 -3.01 0.00	80.83 -3.54 0.00	69.04 0.99 14.35	60.52 1.56 8.68	57.80 1.43 8.83	55.39 1.58 6.80	54.94 1.46 7.31	58.53 1.84 8.89	61.55 1.89 10.44	73.79 -2.13 0.00	93.13 -4.59 0.00	128.42 -7.33 0.00	109.16 -7.46 0.00	99.27 -6.11 0.00	83.12 -5.31 0.00	75.13 -4.12 0.00	68.50 -3.30 0.00	63.37 -3.06 0.00
ERIE_WT_PWR 323693	46.54 -1.79 0.00	44.13 -1.13 0.00	42.60 -1.09 0.00	44.77 -0.82 0.00	48.98 -0.70 0.00	51.30 -1.42 0.00	69.93 -3.52 0.00	80.33 -4.05 0.00	67.40 -0.82 14.17	59.21 0.14 8.57	56.48 0.00 8.72	54.14 0.24 6.71	53.93 0.37 7.22	57.26 0.46 8.78	60.13 0.35 10.31	73.26 -2.66 0.00	92.94 -4.79 0.00	127.06 -8.69 0.00	109.40 -7.23 0.00	98.32 -7.06 0.00	82.41 -6.02 0.00	74.58 -4.68 0.00	68.07 -3.74 0.00	63.57 -2.85 0.00
ESPRGFLD_115KV_TB1 80157	47.94 -0.39 0.00	44.81 -0.45 0.00	43.21 -0.48 0.00	45.14 -0.46 0.00	49.28 -0.40 0.00	52.51 -0.21 0.00	73.89 0.44 0.00	84.04 -0.34 0.00	79.35 -3.05 0.00	63.25 -4.40 0.00	60.04 -5.15 0.00	55.15 -5.45 0.00	55.07 -5.71 0.00	59.68 -5.90 0.00	64.62 -5.47 0.00	75.23 -0.68 0.00	98.21 0.49 0.00	137.38 1.63 0.00	118.03 1.40 0.00	106.12 0.74 0.00	88.78 0.35 0.00	79.17 -0.08 0.00	71.88 0.07 0.00	66.42 0.00 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.52 0.19 0.00	45.44 0.18 0.00	43.95 0.26 0.00	45.87 0.27 0.00	50.02 0.35 0.00	53.14 0.42 0.00	74.41 0.95 0.00	84.63 0.25 0.00	60.70 1.07 22.77	54.70 0.81 13.76	51.72 0.52 13.99	50.32 0.48 10.77	49.57 0.36 11.58	52.01 0.52 14.09	54.17 0.63 16.55	76.68 0.76 0.00	98.60 0.88 0.00	137.38 1.63 0.00	117.33 0.70 0.00	106.12 0.74 0.00	88.60 0.18 0.00	79.49 0.24 0.00	71.73 -0.07 0.00	66.22 -0.20 0.00
ETNA____115KV_TB2 80207	48.52 0.19 0.00	45.44 0.18 0.00	43.95 0.26 0.00	45.87 0.27 0.00	50.02 0.35 0.00	53.14 0.42 0.00	74.41 0.95 0.00	84.63 0.25 0.00	60.70 1.07 22.77	54.70 0.81 13.76	51.72 0.52 13.99	50.32 0.48 10.77	49.57 0.36 11.58	52.01 0.52 14.09	54.17 0.63 16.55	76.68 0.76 0.00	98.60 0.88 0.00	137.38 1.63 0.00	117.33 0.70 0.00	106.12 0.74 0.00	88.60 0.18 0.00	79.49 0.24 0.00	71.73 -0.07 0.00	66.22 -0.20 0.00
EUCLID__115KV_TB2 356179	47.11 -1.21 0.00	44.22 -1.04 0.00	42.73 -0.96 0.00	44.54 -1.05 0.00	48.53 -1.14 0.00	51.51 -1.21 0.00	71.69 -1.76 0.00	82.18 -2.19 0.00	54.95 -2.47 24.97	50.53 -2.03 15.09	47.83 -2.02 15.34	46.92 -1.88 11.81	46.14 -1.95 12.70	48.09 -2.03 15.45	49.77 -2.17 18.15	74.10 -1.82 0.00	95.08 -2.64 0.00	132.09 -3.67 0.00	113.13 -3.50 0.00	102.32 -3.06 0.00	85.68 -2.74 0.00	76.87 -2.38 0.00	69.58 -2.23 0.00	64.36 -2.06 0.00
E_CANADA_CAP_HY 24051	47.84 -0.48 0.00	44.67 -0.59 0.00	43.08 -0.61 0.00	45.00 -0.59 0.00	49.08 -0.59 0.00	52.46 -0.26 0.00	73.60 0.15 0.00	84.12 -0.25 0.00	79.51 -2.89 0.00	63.39 -4.26 0.00	60.24 -4.96 0.00	55.33 -5.27 0.00	55.19 -5.59 0.00	59.88 -5.71 0.00	64.83 -5.26 0.00	73.87 -2.05 0.00	97.24 -0.49 0.00	136.30 0.55 0.00	117.10 0.47 0.00	105.38 0.00 0.00	88.16 -0.26 0.00	78.38 -0.87 0.00	71.52 -0.29 0.00	66.16 -0.26 0.00
E_CANADA_MHWK_HY 24050	51.90 3.58 0.00	48.61 3.35 0.00	46.84 3.15 0.00	48.88 3.28 0.00	53.25 3.58 0.00	56.47 3.74 0.00	78.74 5.29 0.00	90.79 6.41 0.00	86.34 6.26 2.32	71.59 5.34 1.40	69.12 5.35 1.42	64.60 5.09 1.10	64.84 5.23 1.18	69.92 5.77 1.43	74.64 6.24 1.68	82.75 6.84 0.00	106.61 8.89 0.00	148.10 12.35 0.00	127.35 10.72 0.00	114.97 9.59 0.00	96.38 7.96 0.00	86.39 7.14 0.00	78.63 6.83 0.00	72.74 6.31 0.00
E_FISHKILL__LBMP 23776	50.40 2.08 0.00	47.07 1.81 0.00	45.35 1.66 0.00	47.28 1.69 0.00	51.41 1.74 0.00	54.62 1.90 0.00	76.32 2.86 0.00	87.67 3.29 0.00	83.49 1.65 0.55	68.53 1.22 0.34	65.83 0.98 0.34	61.19 0.85 0.26	61.35 0.85 0.28	66.03 0.79 0.34	70.32 0.63 0.40	77.89 1.97 0.00	100.56 2.83 0.00	139.42 3.67 0.00	120.36 3.73 0.00	108.65 3.27 0.00	90.99 2.56 0.00	81.55 2.30 0.00	73.82 2.01 0.00	68.41 1.99 0.00
FALCON__SEABRD_CC1 323796	48.32 0.00 0.00	45.13 -0.14 0.00	43.47 -0.22 0.00	45.41 -0.18 0.00	49.57 -0.10 0.00	52.77 0.05 0.00	73.75 0.29 0.00	85.05 0.67 0.00	82.10 0.74 1.04	67.90 0.88 0.63	65.73 1.17 0.64	61.45 1.33 0.49	61.84 1.58 0.53	66.84 1.90 0.64	71.58 2.24 0.75	78.50 2.58 0.00	101.44 3.71 0.00	141.86 6.11 0.00	121.41 4.78 0.00	109.91 4.53 0.00	92.58 4.16 0.00	82.82 3.57 0.00	74.82 3.02 0.00	69.01 2.59 0.00
FALCON__SEABRD_CC2 323797	48.32 0.00 0.00	45.13 -0.14 0.00	43.47 -0.22 0.00	45.41 -0.18 0.00	49.57 -0.10 0.00	52.77 0.05 0.00	73.75 0.29 0.00	85.05 0.67 0.00	82.10 0.74 1.04	67.90 0.88 0.63	65.73 1.17 0.64	61.45 1.33 0.49	61.84 1.58 0.53	66.84 1.90 0.64	71.58 2.24 0.75	78.50 2.58 0.00	101.44 3.71 0.00	141.86 6.11 0.00	121.41 4.78 0.00	109.91 4.53 0.00	92.58 4.16 0.00	82.82 3.57 0.00	74.82 3.02 0.00	69.01 2.59 0.00

FAR ROCKAWAY___4 23548	52.19 3.87 0.00	48.52 3.26 0.00	46.66 2.97 0.00	48.47 2.87 0.00	52.80 3.13 0.00	56.57 3.85 0.00	78.96 5.51 0.00	91.04 6.67 0.00	85.46 3.63 0.56	69.40 2.10 0.34	67.39 2.54 0.35	62.46 2.12 0.27	62.75 2.25 0.29	67.72 2.49 0.35	72.27 2.59 0.41	81.08 5.16 0.00	104.86 7.13 0.00	144.04 8.28 0.00	125.61 8.98 0.00	113.39 8.01 0.00	101.19 6.01 -6.76	99.38 5.39 -14.74	76.90 5.10 0.00	71.27 4.85 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.98 2.66 0.00	47.53 2.26 0.00	45.74 2.05 0.00	47.65 2.05 0.00	51.76 2.09 0.00	55.09 2.37 0.00	77.20 3.75 0.00	88.76 4.39 0.00	84.39 2.55 0.57	69.47 2.16 0.34	66.80 1.96 0.35	62.10 1.76 0.27	62.26 1.76 0.29	66.87 1.64 0.35	71.15 1.47 0.41	78.73 2.81 0.00	101.63 3.91 0.00	140.77 5.02 0.00	121.64 5.02 0.00	109.70 4.32 0.00	91.78 3.36 0.00	82.26 3.01 0.00	74.53 2.73 0.00	69.01 2.59 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.98 2.66 0.00	47.57 2.31 0.00	45.74 2.05 0.00	47.69 2.10 0.00	51.81 2.14 0.00	55.15 2.43 0.00	77.20 3.75 0.00	88.76 4.39 0.00	84.39 2.55 0.57	69.54 2.23 0.34	66.80 1.96 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.87 1.64 0.35	71.15 1.47 0.41	78.80 2.88 0.00	101.73 4.01 0.00	140.77 5.02 0.00	121.76 5.13 0.00	109.70 4.32 0.00	91.78 3.36 0.00	82.26 3.01 0.00	74.53 2.73 0.00	69.08 2.66 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.98 2.66 0.00	47.53 2.26 0.00	45.70 2.01 0.00	47.65 2.05 0.00	51.76 2.09 0.00	55.09 2.37 0.00	77.12 3.67 0.00	88.68 4.30 0.00	84.39 2.55 0.57	69.47 2.16 0.34	66.74 1.89 0.35	62.04 1.70 0.27	62.26 1.76 0.29	66.87 1.64 0.35	71.08 1.40 0.41	78.73 2.81 0.00	101.63 3.91 0.00	140.64 4.89 0.00	121.64 5.02 0.00	109.59 4.22 0.00	91.69 3.27 0.00	82.18 2.93 0.00	74.46 2.66 0.00	69.01 2.59 0.00
FARRAGUT___LBMP 323566	50.93 2.61 0.00	47.53 2.26 0.00	45.70 2.01 0.00	47.60 2.01 0.00	51.71 2.04 0.00	55.04 2.32 0.00	77.05 3.60 0.00	88.60 4.22 0.00	84.30 2.47 0.57	69.40 2.10 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.20 1.70 0.29	66.81 1.57 0.35	71.01 1.33 0.41	78.65 2.73 0.00	101.53 3.81 0.00	140.50 4.75 0.00	121.53 4.90 0.00	109.59 4.22 0.00	91.60 3.18 0.00	82.18 2.93 0.00	74.39 2.59 0.00	68.95 2.52 0.00
FENNER___WINDPWR 24204	48.76 0.43 0.00	45.67 0.41 0.00	44.12 0.44 0.00	46.05 0.46 0.00	50.22 0.55 0.00	53.41 0.68 0.00	74.78 1.32 0.00	85.22 0.84 0.00	63.74 0.82 19.48	56.41 0.54 11.77	53.55 0.33 11.97	51.70 0.30 9.21	51.12 0.24 9.91	53.85 0.33 12.06	56.35 0.42 14.16	76.75 0.84 0.00	98.80 1.08 0.00	137.25 1.50 0.00	117.68 1.05 0.00	106.22 0.84 0.00	88.87 0.44 0.00	79.65 0.40 0.00	72.02 0.22 0.00	66.62 0.20 0.00
FIBERTEK___ENERGY 23856	47.55 -0.77 0.00	44.54 -0.72 0.00	43.03 -0.66 0.00	44.91 -0.68 0.00	48.93 -0.75 0.00	51.93 -0.79 0.00	72.50 -0.95 0.00	82.94 -1.43 0.00	55.48 -1.65 25.27	51.02 -1.35 15.27	48.30 -1.37 15.53	47.38 -1.27 11.95	46.60 -1.34 12.85	48.50 -1.44 15.64	50.18 -1.54 18.37	74.85 -1.06 0.00	96.06 -1.66 0.00	133.58 -2.17 0.00	114.41 -2.22 0.00	103.48 -1.90 0.00	86.56 -1.86 0.00	77.67 -1.59 0.00	70.30 -1.51 0.00	64.89 -1.53 0.00
FITZPATRICK___ 23598	46.49 -1.84 0.00	43.59 -1.67 0.00	42.12 -1.57 0.00	43.95 -1.64 0.00	47.84 -1.84 0.00	50.72 -2.00 0.00	70.59 -2.87 0.00	81.00 -3.38 0.00	42.67 -3.87 35.86	42.87 -3.11 21.67	40.10 -3.06 22.03	40.80 -2.85 16.96	39.69 -2.86 18.24	40.31 -3.08 22.19	40.66 -3.36 26.06	72.96 -2.96 0.00	93.81 -3.91 0.00	130.18 -5.57 0.00	111.74 -4.89 0.00	100.96 -4.42 0.00	84.53 -3.89 0.00	75.85 -3.41 0.00	68.72 -3.09 0.00	63.64 -2.79 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.84 2.51 0.00	47.48 2.22 0.00	45.70 2.01 0.00	47.69 2.10 0.00	51.96 2.28 0.00	55.15 2.43 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.72 2.88 0.57	69.33 2.03 0.34	66.54 1.70 0.35	61.79 1.45 0.27	62.02 1.52 0.29	66.74 1.51 0.35	71.22 1.54 0.41	78.88 2.96 0.00	102.12 4.40 0.00	142.00 6.24 0.00	122.46 5.83 0.00	110.54 5.16 0.00	92.40 3.98 0.00	82.82 3.57 0.00	74.89 3.09 0.00	69.28 2.86 0.00
FORT ORANGE___ 23900	49.91 1.59 0.00	46.71 1.45 0.00	45.09 1.40 0.00	47.05 1.46 0.00	51.16 1.49 0.00	54.30 1.58 0.00	74.62 1.17 0.00	85.64 1.27 0.00	82.48 0.08 0.00	67.31 -0.34 0.00	64.87 -0.32 0.00	60.24 -0.36 0.00	60.36 -0.42 0.00	65.05 -0.53 0.00	69.32 -0.77 0.00	76.38 0.46 0.00	98.41 0.69 0.00	136.83 1.08 0.00	117.68 1.05 0.00	106.33 0.95 0.00	89.13 0.70 0.00	79.88 0.63 0.00	73.03 1.22 0.00	67.82 1.40 0.00
FORT_DRUM_COGEN 23780	47.55 -0.77 0.00	44.58 -0.68 0.00	42.99 -0.70 0.00	44.86 -0.73 0.00	48.98 -0.70 0.00	52.04 -0.69 0.00	73.30 -0.15 0.00	85.22 0.84 0.00	67.70 0.25 14.94	58.82 0.20 9.03	56.21 0.20 9.18	53.60 0.06 7.07	53.37 0.18 7.60	56.86 0.52 9.25	60.00 0.77 10.86	77.36 1.44 0.00	100.56 2.83 0.00	141.04 5.29 0.00	120.59 3.97 0.00	108.54 3.16 0.00	90.81 2.39 0.00	81.23 1.98 0.00	73.39 1.58 0.00	67.22 0.80 0.00
FOX_HILLS___ESR 323835	51.66 3.33 -0.01	48.21 2.94 -0.01	46.32 2.62 -0.01	48.34 2.74 -0.01	52.50 2.83 0.00	55.73 3.01 0.00	77.49 4.04 0.00	89.02 4.64 0.00	84.47 2.64 0.57	69.81 2.50 0.34	67.06 2.22 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.48 1.25 0.35	70.24 0.56 0.41	77.58 1.67 0.01	100.55 2.83 0.01	139.14 3.39 0.01	120.35 3.73 0.01	108.64 3.27 0.01	90.89 2.48 0.01	81.46 2.22 0.01	73.96 2.15 0.00	69.21 2.79 0.00
FPL_FAR_ROCK_GT1 24212	52.19 3.87 0.00	48.52 3.26 0.00	46.66 2.97 0.00	48.38 2.78 0.00	52.80 3.13 0.00	56.57 3.85 0.00	78.96 5.51 0.00	91.04 6.66 0.00	85.45 3.62 0.56	69.33 2.03 0.34	67.39 2.54 0.35	62.46 2.12 0.27	62.63 2.13 0.29	67.79 2.56 0.35	72.28 2.59 0.41	81.00 5.09 0.00	104.97 7.23 -0.01	144.04 8.28 0.00	125.39 8.75 -0.01	113.40 8.00 -0.01	101.20 6.02 -6.76	99.38 5.39 -14.74	76.91 5.10 -0.01	71.15 4.72 -0.01
FPL_FAR_ROCK_GT2 23815	52.19 3.87 0.00	48.52 3.26 0.00	46.66 2.97 0.00	48.38 2.78 0.00	52.80 3.13 0.00	56.57 3.85 0.00	78.96 5.51 0.00	91.04 6.66 0.00	85.45 3.62 0.56	69.33 2.03 0.34	67.39 2.54 0.35	62.46 2.12 0.27	62.63 2.13 0.29	67.79 2.56 0.35	72.28 2.59 0.41	81.00 5.09 0.00	104.97 7.23 -0.01	144.04 8.28 0.00	125.39 8.75 -0.01	113.40 8.00 -0.01	101.20 6.02 -6.76	99.38 5.39 -14.74	76.91 5.10 -0.01	71.15 4.72 -0.01
FRANKLIN_FALL_HYD 24054	48.42 0.10 0.00	45.35 0.09 0.00	43.64 -0.04 0.00	45.73 0.14 0.00	49.97 0.30 0.00	53.09 0.37 0.00	74.26 0.81 0.00	85.56 1.18 0.00	81.66 1.07 1.80	67.71 1.15 1.09	65.52 1.43 1.11	61.27 1.52 0.85	61.57 1.70 0.92	66.50 2.03 1.12	71.02 2.24 1.31	78.50 2.58 0.00	101.73 4.01 0.00	142.40 6.65 0.00	121.76 5.13 0.00	110.23 4.85 0.00	92.75 4.33 0.00	82.90 3.65 0.00	74.89 3.09 0.00	69.01 2.59 0.00

FREEPORT_EQUS_GT1 23764	51.90 3.58 0.00	48.25 2.99 0.00	46.40 2.71 0.00	48.10 2.51 0.00	52.45 2.78 0.00	56.31 3.59 0.00	78.30 4.85 0.00	90.37 5.99 0.00	84.71 2.88 0.56	68.66 1.35 0.34	66.74 1.89 0.35	61.85 1.52 0.27	62.08 1.58 0.29	67.20 1.97 0.35	71.57 1.89 0.41	80.32 4.40 0.00	103.40 5.67 -0.01	141.59 5.83 0.00	123.40 6.76 -0.01	111.60 6.22 -0.01	99.95 4.77 -6.76	98.50 4.52 -14.73	76.41 4.60 -0.01	70.69 4.25 -0.01
FREEPORT___CT2 23818	51.90 3.58 0.00	48.25 2.99 0.00	46.40 2.71 0.00	48.10 2.51 0.00	52.45 2.78 0.00	56.31 3.59 0.00	78.30 4.85 0.00	90.37 5.99 0.00	84.71 2.88 0.56	68.66 1.35 0.34	66.74 1.89 0.35	61.85 1.52 0.27	62.08 1.58 0.29	67.20 1.97 0.35	71.57 1.89 0.41	80.32 4.40 0.00	103.40 5.67 -0.01	141.59 5.83 0.00	123.40 6.76 -0.01	111.60 6.22 -0.01	99.95 4.77 -6.76	98.50 4.52 -14.73	76.41 4.60 -0.01	70.69 4.25 -0.01
FRESHKLS_33_KV_LOAD 356253	52.00 3.67 -0.01	48.57 3.30 -0.01	46.62 2.93 -0.01	48.70 3.10 -0.01	52.90 3.23 0.00	56.15 3.43 0.00	78.08 4.63 0.00	89.61 5.23 0.00	85.05 3.21 0.57	70.21 2.91 0.34	67.45 2.61 0.35	62.34 2.00 0.27	62.57 2.07 0.29	66.61 1.38 0.35	70.24 0.56 0.41	77.58 1.67 0.01	100.74 3.03 0.01	139.41 3.67 0.01	120.59 3.97 0.01	108.85 3.48 0.01	91.07 2.65 0.01	81.62 2.38 0.01	74.10 2.30 0.00	69.48 3.06 0.00
FULTON COGEN____ 23766	46.92 -1.40 0.00	44.00 -1.27 0.00	42.51 -1.18 0.00	44.36 -1.23 0.00	48.33 -1.34 0.00	51.25 -1.48 0.00	71.47 -1.98 0.00	81.93 -2.45 0.00	51.98 -2.88 27.53	48.64 -2.37 16.64	45.93 -2.35 16.92	45.40 -2.18 13.02	44.53 -2.25 14.00	46.18 -2.36 17.04	47.49 -2.59 20.01	73.79 -2.13 0.00	94.69 -3.03 0.00	131.68 -4.07 0.00	112.90 -3.73 0.00	102.11 -3.27 0.00	85.42 -3.01 0.00	76.64 -2.62 0.00	69.44 -2.37 0.00	64.23 -2.19 0.00
FULTON___LFGE 323630	49.48 1.16 0.00	46.21 0.95 0.00	44.52 0.83 0.00	46.50 0.91 0.00	50.72 1.04 0.00	54.25 1.53 0.00	75.95 2.50 0.00	86.99 2.62 0.00	82.56 0.17 0.00	66.02 -1.62 0.00	62.85 -2.34 0.00	57.70 -2.91 0.00	57.62 -3.16 0.00	62.57 -3.02 0.00	67.71 -2.38 0.00	76.60 0.68 0.00	100.56 2.84 0.00	140.91 5.16 0.00	120.95 4.32 0.00	108.85 3.47 0.00	91.17 2.74 0.00	81.15 1.90 0.00	73.67 1.86 0.00	68.22 1.79 0.00
G.F.CEMENT___DRP 24184	51.56 3.24 0.00	48.20 2.94 0.00	46.44 2.75 0.00	48.51 2.92 0.00	52.85 3.18 0.00	56.46 3.74 0.00	77.20 3.75 0.00	88.60 4.22 0.00	85.36 2.97 0.00	69.40 1.76 0.00	66.56 1.37 0.00	61.45 0.85 0.00	61.45 0.67 0.00	66.30 0.72 0.00	71.07 0.98 0.00	78.57 2.66 0.00	101.63 3.91 0.00	142.13 6.38 0.00	122.23 5.60 0.00	109.91 4.53 0.00	92.40 3.98 0.00	82.34 3.09 0.00	74.61 2.80 0.00	69.34 2.92 0.00
GARDENVILLE___LBMP 24039	46.39 -1.93 0.00	44.00 -1.27 0.00	42.46 -1.22 0.00	44.54 -1.05 0.00	48.83 -0.84 0.00	51.09 -1.63 0.00	69.63 -3.82 0.00	79.90 -4.47 0.00	67.08 -1.32 13.99	58.91 -0.27 8.47	56.26 -0.33 8.61	53.91 -0.06 6.63	53.47 -0.18 7.13	56.98 0.07 8.67	59.91 0.00 10.18	72.80 -3.11 0.00	91.76 -5.96 0.00	126.52 -9.23 0.00	107.53 -9.10 0.00	97.90 -7.48 0.00	82.06 -6.37 0.00	74.26 -4.99 0.00	67.79 -4.02 0.00	62.77 -3.65 0.00
GARDNVLA_35_KV_LD 355827	46.68 -1.64 0.00	44.27 -1.00 0.00	42.73 -0.96 0.00	44.82 -0.78 0.00	49.13 -0.55 0.00	51.46 -1.27 0.00	70.15 -3.31 0.00	80.58 -3.80 0.00	67.53 -0.66 14.21	59.32 0.27 8.59	56.59 0.13 8.74	54.24 0.36 6.73	53.79 0.24 7.24	57.37 0.59 8.80	60.32 0.56 10.33	73.41 -2.51 0.00	92.54 -5.18 0.00	127.61 -8.15 0.00	108.35 -8.28 0.00	98.63 -6.74 0.00	82.67 -5.75 0.00	74.81 -4.44 0.00	68.29 -3.52 0.00	63.17 -3.25 0.00
GELCKHM___115KV_LOAD 80723	47.31 -1.01 0.00	44.36 -0.91 0.00	42.86 -0.83 0.00	44.68 -0.91 0.00	48.68 -0.99 0.00	51.67 -1.05 0.00	71.98 -1.47 0.00	82.52 -1.86 0.00	55.14 -2.14 25.12	50.71 -1.76 15.18	48.00 -1.76 15.43	47.09 -1.64 11.88	46.31 -1.70 12.77	48.27 -1.77 15.55	49.87 -1.96 18.26	74.40 -1.52 0.00	95.47 -2.25 0.00	132.63 -3.12 0.00	113.71 -2.92 0.00	102.85 -2.53 0.00	86.03 -2.39 0.00	77.19 -2.06 0.00	69.87 -1.94 0.00	64.56 -1.86 0.00
GENERAL___MILLS 23808	46.53 -1.79 0.00	44.18 -1.09 0.00	42.60 -1.09 0.00	44.73 -0.87 0.00	48.98 -0.70 0.00	51.30 -1.42 0.00	69.85 -3.60 0.00	80.24 -4.13 0.00	67.32 -0.91 14.17	59.14 0.07 8.57	56.41 -0.07 8.72	54.07 0.18 6.71	53.63 0.06 7.22	57.19 0.39 8.78	60.13 0.35 10.31	73.11 -2.81 0.00	92.15 -5.57 0.00	126.93 -8.82 0.00	107.88 -8.75 0.00	98.21 -7.17 0.00	82.32 -6.10 0.00	74.50 -4.76 0.00	68.07 -3.73 0.00	62.97 -3.45 0.00
GE_PLASTICS___DRP 24183	49.58 1.26 0.00	46.39 1.13 0.00	44.78 1.09 0.00	46.73 1.14 0.00	50.82 1.14 0.00	53.93 1.21 0.00	74.70 1.25 0.00	85.73 1.35 0.00	82.73 0.33 0.00	67.65 0.00 0.00	65.19 0.00 0.00	60.61 0.00 0.00	60.73 -0.06 0.00	65.45 -0.13 0.00	69.74 -0.35 0.00	76.60 0.68 0.00	98.60 0.88 0.00	136.97 1.22 0.00	118.03 1.40 0.00	106.54 1.16 0.00	89.31 0.88 0.00	80.04 0.79 0.00	72.67 0.86 0.00	67.55 1.13 0.00
GILBOA___1 23756	49.43 1.11 0.00	46.26 0.99 0.00	44.78 1.09 0.00	46.69 1.09 0.00	50.82 1.14 0.00	53.78 1.05 0.00	74.92 1.47 0.00	85.90 1.52 0.00	82.24 0.58 0.74	67.68 0.48 0.45	65.07 0.33 0.45	60.50 0.24 0.35	60.65 0.24 0.38	65.32 0.20 0.46	69.55 0.00 0.54	76.83 0.91 0.00	98.70 0.98 0.00	136.97 1.22 0.00	117.91 1.29 0.00	106.54 1.16 0.00	89.22 0.79 0.00	80.21 0.95 0.00	72.88 1.08 0.00	67.48 1.06 0.00
GILBOA___2 23757	49.43 1.11 0.00	46.26 0.99 0.00	44.78 1.09 0.00	46.69 1.09 0.00	50.82 1.14 0.00	53.78 1.05 0.00	74.92 1.47 0.00	85.90 1.52 0.00	82.24 0.58 0.74	67.68 0.48 0.45	65.07 0.33 0.45	60.50 0.24 0.35	60.65 0.24 0.38	65.32 0.20 0.46	69.55 0.00 0.54	76.83 0.91 0.00	98.70 0.98 0.00	136.97 1.22 0.00	117.91 1.29 0.00	106.54 1.16 0.00	89.22 0.79 0.00	80.21 0.95 0.00	72.88 1.08 0.00	67.48 1.06 0.00
GILBOA___3 23758	49.43 1.11 0.00	46.26 0.99 0.00	44.78 1.09 0.00	46.69 1.09 0.00	50.82 1.14 0.00	53.78 1.05 0.00	74.92 1.47 0.00	85.90 1.52 0.00	82.24 0.58 0.74	67.68 0.48 0.45	65.07 0.33 0.45	60.50 0.24 0.35	60.65 0.24 0.38	65.32 0.20 0.46	69.55 0.00 0.54	76.83 0.91 0.00	98.70 0.98 0.00	136.97 1.22 0.00	117.91 1.29 0.00	106.54 1.16 0.00	89.22 0.79 0.00	80.21 0.95 0.00	72.88 1.08 0.00	67.48 1.06 0.00
GILBOA___4 23759	49.43 1.11 0.00	46.26 0.99 0.00	44.78 1.09 0.00	46.69 1.09 0.00	50.82 1.14 0.00	53.78 1.05 0.00	74.92 1.47 0.00	85.90 1.52 0.00	82.24 0.58 0.74	67.68 0.48 0.45	65.07 0.33 0.45	60.50 0.24 0.35	60.65 0.24 0.38	65.32 0.20 0.46	69.55 0.00 0.54	76.83 0.91 0.00	98.70 0.98 0.00	136.97 1.22 0.00	117.91 1.29 0.00	106.54 1.16 0.00	89.22 0.79 0.00	80.21 0.95 0.00	72.88 1.08 0.00	67.48 1.06 0.00

GILBOA____ 23599	49.43 1.11 0.00	46.26 1.00 0.00	44.78 1.09 0.00	46.69 1.09 0.00	50.82 1.14 0.00	53.78 1.05 0.00	74.92 1.47 0.00	85.89 1.52 0.00	82.23 0.58 0.74	67.67 0.47 0.45	65.07 0.33 0.45	60.50 0.24 0.35	60.65 0.24 0.38	65.32 0.20 0.46	69.55 0.00 0.54	76.83 0.91 0.00	98.70 0.98 0.00	136.97 1.22 0.00	118.03 1.40 0.00	106.54 1.16 0.00	89.22 0.80 0.00	80.20 0.95 0.00	72.88 1.08 0.00	67.55 1.13 0.00
GINNA____ 23603	45.03 -3.29 0.00	42.41 -2.85 0.00	40.94 -2.75 0.00	42.81 -2.78 0.00	46.79 -2.88 0.00	49.45 -3.27 0.00	68.53 -4.92 0.00	78.80 -5.57 0.00	63.75 -5.44 13.21	55.47 -4.19 7.98	52.97 -4.11 8.12	50.66 -3.70 6.25	50.24 -3.83 6.72	53.21 -4.20 8.17	56.15 -4.35 9.60	71.44 -4.48 0.00	91.47 -6.26 0.00	126.24 -9.51 0.00	108.35 -8.28 0.00	97.79 -7.59 0.00	81.88 -6.54 0.00	73.63 -5.63 0.00	66.57 -5.24 0.00	61.77 -4.65 0.00
GLEN PARK____ 23778	47.69 -0.63 0.00	44.67 -0.59 0.00	43.08 -0.61 0.00	44.96 -0.64 0.00	49.13 -0.55 0.00	52.19 -0.53 0.00	73.60 0.15 0.00	85.56 1.18 0.00	67.32 0.58 15.66	58.52 0.34 9.46	55.77 0.20 9.62	53.32 0.12 7.41	53.07 0.24 7.96	56.48 0.59 9.69	59.55 0.84 11.38	77.59 1.67 0.00	100.94 3.22 0.00	141.86 6.11 0.00	121.30 4.67 0.00	109.07 3.69 0.00	91.17 2.74 0.00	81.47 2.22 0.00	73.60 1.80 0.00	67.48 1.06 0.00
GLENDALE_27_KV_LOAD 356172	51.42 3.09 -0.01	47.94 2.67 -0.01	46.10 2.40 -0.01	48.06 2.46 -0.01	52.16 2.48 0.00	55.46 2.74 0.00	77.12 3.67 0.00	88.76 4.39 0.00	84.39 2.55 0.57	69.74 2.44 0.34	67.13 2.28 0.35	62.34 2.00 0.27	62.57 2.07 0.29	67.07 1.84 0.35	71.08 1.40 0.41	78.57 2.66 0.01	101.53 3.81 0.01	140.49 4.75 0.01	121.52 4.90 0.01	109.48 4.11 0.01	91.60 3.18 0.01	82.10 2.85 0.01	74.46 2.66 0.00	69.34 2.92 0.00
GLENWOOD_IC_1_G5 23712	51.42 3.09 0.00	47.89 2.63 0.00	46.05 2.36 0.00	47.92 2.33 0.00	52.16 2.48 0.00	55.67 2.95 0.00	77.79 4.33 0.00	89.52 5.15 0.00	84.55 2.72 0.56	69.06 1.76 0.34	66.80 1.96 0.35	61.98 1.64 0.27	62.26 1.76 0.29	67.07 1.84 0.35	71.50 1.82 0.41	79.71 3.80 0.00	103.00 5.28 0.00	142.00 6.24 0.00	123.28 6.65 0.00	111.28 5.90 0.00	99.69 4.51 -6.76	98.03 4.04 -14.73	75.54 3.73 0.00	69.94 3.52 0.00
GLENWOOD_IC_2_G1 23688	51.12 2.80 0.00	47.66 2.40 0.00	45.83 2.14 0.00	47.69 2.10 0.00	51.91 2.24 0.00	55.41 2.69 0.00	77.34 3.89 0.00	89.01 4.64 0.00	84.22 2.39 0.56	68.86 1.56 0.34	66.61 1.76 0.35	61.79 1.45 0.27	61.96 1.46 0.29	66.80 1.57 0.35	71.16 1.47 0.41	79.18 3.26 0.00	102.42 4.69 -0.01	141.19 5.44 0.00	122.24 5.60 -0.01	110.45 5.06 -0.01	99.06 3.89 -6.75	97.55 3.57 -14.73	75.05 3.23 -0.01	69.42 2.99 -0.01
GLENWOOD_IC_3_G1 23689	51.12 2.80 0.00	47.66 2.40 0.00	45.83 2.14 0.00	47.69 2.10 0.00	51.91 2.24 0.00	55.41 2.69 0.00	77.34 3.89 0.00	89.01 4.64 0.00	84.22 2.39 0.56	68.86 1.56 0.34	66.61 1.76 0.35	61.79 1.45 0.27	61.96 1.46 0.29	66.80 1.57 0.35	71.16 1.47 0.41	79.18 3.26 0.00	102.42 4.69 -0.01	141.19 5.44 0.00	122.24 5.60 -0.01	110.45 5.06 -0.01	99.06 3.89 -6.75	97.55 3.57 -14.73	75.05 3.23 -0.01	69.42 2.99 -0.01
GLENWOOD____4 23550	51.42 3.09 0.00	47.89 2.63 0.00	46.05 2.36 0.00	47.92 2.33 0.00	52.16 2.48 0.00	55.67 2.95 0.00	77.79 4.33 0.00	89.52 5.15 0.00	84.55 2.72 0.56	69.06 1.76 0.34	66.80 1.96 0.35	61.98 1.64 0.27	62.26 1.76 0.29	67.07 1.84 0.35	71.50 1.82 0.41	79.71 3.80 0.00	103.00 5.28 0.00	142.00 6.24 0.00	123.28 6.65 0.00	111.28 5.90 0.00	99.69 4.51 -6.76	98.03 4.04 -14.73	75.54 3.73 0.00	69.94 3.52 0.00
GLENWOOD____5 23614	51.42 3.09 0.00	47.89 2.63 0.00	46.05 2.36 0.00	47.92 2.33 0.00	52.16 2.48 0.00	55.67 2.95 0.00	77.79 4.33 0.00	89.52 5.15 0.00	84.55 2.72 0.56	69.06 1.76 0.34	66.80 1.96 0.35	61.98 1.64 0.27	62.26 1.76 0.29	67.07 1.84 0.35	71.50 1.82 0.41	79.71 3.80 0.00	103.00 5.28 0.00	142.00 6.24 0.00	123.28 6.65 0.00	111.28 5.90 0.00	99.69 4.51 -6.76	98.03 4.04 -14.73	75.54 3.73 0.00	69.94 3.52 0.00
GLOBAL GREEN_PORT_GT1 23814	52.48 4.16 0.00	48.66 3.40 0.00	46.84 3.15 0.00	48.38 2.78 0.00	52.95 3.28 0.00	56.99 4.27 0.00	77.20 3.74 0.00	89.61 5.23 0.00	82.00 0.17 0.56	65.82 -1.49 0.34	64.32 -0.52 0.35	59.37 -0.97 0.27	59.52 -0.97 0.29	65.04 -0.20 0.35	69.89 0.21 0.41	80.09 4.17 0.00	107.21 9.48 -0.01	144.31 8.56 0.00	128.30 11.66 -0.01	116.67 11.28 -0.01	104.54 9.37 -6.75	102.47 8.48 -14.73	79.85 8.04 -0.01	74.00 7.57 -0.01
GLOBE____DSASP 323697	45.28 -3.04 0.00	42.91 -2.35 0.00	41.42 -2.27 0.00	43.36 -2.23 0.00	47.44 -2.24 0.00	49.45 -3.27 0.00	66.91 -6.54 0.00	76.70 -7.68 0.00	64.39 -4.37 13.64	56.83 -2.57 8.25	54.27 -2.54 8.38	51.97 -2.18 6.45	51.47 -2.37 6.94	54.78 -2.36 8.45	57.72 -2.45 9.92	69.84 -6.07 0.00	87.75 -9.97 0.00	120.68 -15.07 0.00	102.52 -14.11 0.00	93.58 -11.80 0.00	78.70 -9.73 0.00	71.33 -7.93 0.00	65.27 -6.53 0.00	60.58 -5.85 0.00
GOETHSLN____LBMP 323567	50.64 2.32 0.00	47.25 1.99 0.00	45.44 1.75 0.00	47.37 1.78 0.00	51.41 1.74 0.00	54.78 2.06 0.00	76.76 3.31 0.00	88.17 3.80 0.00	83.89 2.06 0.57	69.06 1.76 0.34	66.41 1.56 0.35	61.67 1.33 0.27	61.90 1.40 0.29	66.48 1.25 0.35	70.73 1.05 0.41	78.27 2.35 0.00	101.05 3.32 0.00	139.82 4.07 0.00	120.94 4.32 0.00	108.96 3.58 0.00	91.16 2.74 0.00	81.79 2.54 0.00	74.03 2.23 0.00	68.61 2.19 0.00
GOLAH____69_KV_TB 1_2 80279	47.16 -1.16 0.00	44.49 -0.77 0.00	42.90 -0.79 0.00	44.86 -0.73 0.00	49.18 -0.50 0.00	51.67 -1.05 0.00	71.10 -2.35 0.00	81.59 -2.78 0.00	67.27 -1.98 13.15	58.48 -1.22 7.94	55.75 -1.37 8.08	53.24 -1.15 6.22	52.70 -1.40 6.69	56.00 -1.44 8.14	59.13 -1.40 9.56	73.56 -2.35 0.00	93.52 -4.20 0.00	129.78 -5.97 0.00	110.68 -5.95 0.00	100.43 -4.95 0.00	84.09 -4.33 0.00	75.69 -3.57 0.00	68.79 -3.02 0.00	63.77 -2.66 0.00
GOODYEAR_LAKE_HYD 323669	49.00 0.68 0.00	45.85 0.59 0.00	44.26 0.57 0.00	46.19 0.59 0.00	50.37 0.70 0.00	53.51 0.79 0.00	75.14 1.69 0.00	87.50 3.12 0.00	77.05 2.06 7.41	64.72 1.56 4.48	61.88 1.24 4.55	58.19 1.09 3.50	58.17 1.15 3.77	62.24 1.25 4.59	65.97 1.26 5.39	77.28 1.37 0.00	100.07 2.35 0.00	139.42 3.67 0.00	119.78 3.15 0.00	108.01 2.63 0.00	90.28 1.86 0.00	80.84 1.59 0.00	73.24 1.44 0.00	67.75 1.33 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	47.98 -0.34 0.00	45.04 -0.23 0.00	43.51 -0.17 0.00	45.41 -0.18 0.00	49.57 -0.10 0.00	52.51 -0.21 0.00	73.16 -0.29 0.00	82.69 -1.69 0.00	60.32 -0.16 21.91	54.34 -0.07 13.24	51.54 -0.20 13.46	50.12 -0.12 10.36	49.40 -0.24 11.14	51.89 -0.13 13.56	54.02 -0.14 15.93	75.08 -0.84 0.00	95.96 -1.76 0.00	133.31 -2.44 0.00	113.83 -2.80 0.00	103.06 -2.32 0.00	86.12 -2.30 0.00	77.43 -1.82 0.00	70.01 -1.80 0.00	64.70 -1.73 0.00

GOUDEY___7 23579	47.98 -0.34 0.00	45.04 -0.23 0.00	43.51 -0.17 0.00	45.41 -0.18 0.00	49.57 -0.10 0.00	52.51 -0.21 0.00	73.16 -0.29 0.00	82.69 -1.69 0.00	60.32 -0.16 21.91	54.34 -0.07 13.24	51.54 -0.20 13.46	50.12 -0.12 10.36	49.40 -0.24 11.14	51.89 -0.13 13.56	54.02 -0.14 15.93	75.08 -0.84 0.00	95.96 -1.76 0.00	133.31 -2.44 0.00	113.83 -2.80 0.00	103.06 -2.32 0.00	86.12 -2.30 0.00	77.43 -1.82 0.00	70.01 -1.80 0.00	64.70 -1.73 0.00
GOUDEY___8 23580	47.98 -0.34 0.00	45.04 -0.23 0.00	43.51 -0.17 0.00	45.41 -0.18 0.00	49.57 -0.10 0.00	52.51 -0.21 0.00	73.16 -0.29 0.00	82.69 -1.69 0.00	60.32 -0.16 21.91	54.34 -0.07 13.24	51.54 -0.20 13.46	50.12 -0.12 10.36	49.40 -0.24 11.14	51.89 -0.13 13.56	54.02 -0.14 15.93	75.08 -0.84 0.00	95.96 -1.76 0.00	133.31 -2.44 0.00	113.83 -2.80 0.00	103.06 -2.32 0.00	86.12 -2.30 0.00	77.43 -1.82 0.00	70.01 -1.80 0.00	64.70 -1.73 0.00
GOWANUS_GT1_1 24077	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.31 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.55 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.52 0.84 0.41	77.88 1.97 0.01	100.84 3.13 0.01	139.54 3.80 0.01	120.70 4.08 0.01	108.95 3.58 0.01	91.15 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	69.21 2.79 0.00
GOWANUS_GT1_2 24078	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.31 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.55 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.52 0.84 0.41	77.88 1.97 0.01	100.84 3.13 0.01	139.54 3.80 0.01	120.70 4.08 0.01	108.95 3.58 0.01	91.15 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	69.21 2.79 0.00
GOWANUS_GT1_3 24079	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.31 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.55 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.52 0.84 0.41	77.88 1.97 0.01	100.84 3.13 0.01	139.54 3.80 0.01	120.70 4.08 0.01	108.95 3.58 0.01	91.15 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	69.21 2.79 0.00
GOWANUS_GT1_4 24080	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.31 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.55 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.52 0.84 0.41	77.88 1.97 0.01	100.84 3.13 0.01	139.54 3.80 0.01	120.70 4.08 0.01	108.95 3.58 0.01	91.15 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	69.21 2.79 0.00
GOWANUS_GT1_5 24084	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.31 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.55 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.52 0.84 0.41	77.88 1.97 0.01	100.84 3.13 0.01	139.54 3.80 0.01	120.70 4.08 0.01	108.95 3.58 0.01	91.15 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	69.21 2.79 0.00
GOWANUS_GT1_6 24111	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.31 2.63 0.00</																			

GOWANUS_GT2_6 24119	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
GOWANUS_GT2_7 24120	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
GOWANUS_GT2_8 24121	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
GOWANUS_GT3_1 24122	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
GOWANUS_GT3_2 24123	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
GOWANUS_GT3_3 24124	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
GOWANUS_GT3_4 24125	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
GOWANUS_GT3_5 24126	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00																	

GOWANUS_GT4_5 24134	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.31 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.55 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.52 0.84 0.41	77.88 1.97 0.01	100.84 3.13 0.01	139.54 3.80 0.01	120.70 4.08 0.01	108.95 3.58 0.01	91.15 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	69.21 2.79 0.00
GOWANUS_GT4_6 24135	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.31 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.55 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.52 0.84 0.41	77.88 1.97 0.01	100.84 3.13 0.01	139.54 3.80 0.01	120.70 4.08 0.01	108.95 3.58 0.01	91.15 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	69.21 2.79 0.00
GOWANUS_GT4_7 24136	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.31 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.55 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.52 0.84 0.41	77.88 1.97 0.01	100.84 3.13 0.01	139.54 3.80 0.01	120.70 4.08 0.01	108.95 3.58 0.01	91.15 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	69.21 2.79 0.00
GOWANUS_GT4_8 24137	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.31 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.55 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.52 0.84 0.41	77.88 1.97 0.01	100.84 3.13 0.01	139.54 3.80 0.01	120.70 4.08 0.01	108.95 3.58 0.01	91.15 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	69.21 2.79 0.00
GREATVR_69_KV_BK1 356245	52.86 4.54 0.00	49.11 3.85 0.00	47.23 3.54 0.00	48.97 3.37 0.00	53.40 3.73 0.00	57.47 4.74 0.00	79.84 6.39 0.00	92.22 7.85 0.00	85.87 4.04 0.56	69.13 1.83 0.34	67.26 2.41 0.35	62.16 1.82 0.27	62.44 1.95 0.29	67.59 2.36 0.35	72.41 2.73 0.41	81.84 5.92 0.00	106.62 8.89 0.00	143.90 8.15 0.00	126.78 10.15 0.00	114.97 9.59 0.00	103.22 8.05 -6.75	101.20 7.21 -14.73	78.48 6.68 0.00	72.67 6.24 0.00
GREENBSH_115KV_TB3 55895	49.68 1.35 0.00	46.53 1.27 0.00	44.87 1.18 0.00	46.82 1.23 0.00	50.87 1.19 0.00	53.99 1.27 0.00	74.55 1.10 0.00	85.56 1.18 0.00	82.40 0.00 0.00	67.38 -0.27 0.00	65.00 -0.20 0.00	60.42 -0.18 0.00	60.54 -0.24 0.00	65.25 -0.33 0.00	69.46 -0.63 0.00	76.45 0.53 0.00	98.41 0.68 0.00	136.70 0.95 0.00	117.80 1.17 0.00	106.33 0.95 0.00	89.13 0.71 0.00	79.89 0.63 0.00	72.60 0.79 0.00	67.49 1.06 0.00
GREENDGE_115KV_TB5 80291	48.23 -0.10 0.00	45.35 0.09 0.00	43.86 0.17 0.00	45.96 0.36 0.00	50.32 0.65 0.00	53.46 0.74 0.00	74.92 1.47 0.00	85.30 0.93 0.00	68.00 6.01 20.41	59.98 4.67 12.34	56.82 4.17 12.54	55.01 4.06 9.65	54.23 3.83 10.38	57.34 4.39 12.63	59.95 4.70 14.84	80.09 4.18 0.00	102.80 5.08 0.00	143.76 8.01 0.00	122.34 5.71 0.00	110.65 5.27 0.00	91.87 3.45 0.00	82.34 3.09 0.00	73.82 2.01 0.00	68.35 1.93 0.00
GREENIDGE___3 23582	48.23 -0.10 0.00	45.35 0.09 0.00	43.86 0.17 0.00	45.96 0.36 0.00	50.32 0.65 0.00	53.46 0.74 0.00	74.92 1.47 0.00	85.30 0.93 0.00	68.00 6.01 20.41	59.98 4.67 12.34	56.82 4.17 12.54	55.01 4.06 9.65	54.23 3.83 10.38	57.34 4.39 12.63	59.95 4.70 14.84	80.09 4.18 0.00	102.80 5.08 0.00	143.76 8.01 0.00	122.34 5.71 0.00	110.65 5.27 0.00	91.87 3.45 0.00	82.34 3.09 0.00	73.82 2.01 0.00	68.35 1.93 0.00
GREENIDGE___4 23583	48.23 -0.10 0.00	45.35 0.09 0.00	43.86 0.18 0.00	46.00 0.41 0.00	50.32 0.64 0.00	53.46 0.74 0.00	74.92 1.47 0.00	85.31 0.93 0.00	68.00 6.01 20.41	59.97 4.66 12.34	56.89 4.24 12.54	55.01 4.06 9.65	54.35 3.95 10.38	57.34 4.39 12.63	59.95 4.70 14.84	80.17 4.25 0.00	103.19 5.47 0.00	143.76 8.01 0.00	122.81 6.18 0.00	110.65 5.27 0.00	91.87 3.44 0.00	82.34 3.09 0.00	73.81 2.01 0.00	68.61 2.19 0.00
GREENLWN_69_KV_BK 3 55738	51.66 3.33 0.00	47.98 2.72 0.00	46.18 2.49 0.00	47.87 2.28 0.00	52.16 2.48 0.00	56.15 3.43 0.00	78.01 4.55 0.00	90.11 5.74 0.00	84.06 2.22 0.56	67.85 0.54 0.34	65.96 1.11 0.35	61.01 0.67 0.27	61.29 0.79 0.29	66.22 0.98 0.35	70.80 1.12 0.41	80.02 4.10 0.00	103.29 5.57 0.00	139.14 3.39 0.00	122.23 5.60 0.00	110.65 5.27 0.00	100.30 5.13 -6.75	98.82 4.83 -14.73	76.47 4.67 0.00	70.94 4.52 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.31 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.55 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.52 0.84 0.41	77.88 1.97 0.01	100.84 3.13 0.01	139.54 3.80 0.01	120.70 4.08 0.01	108.95 3.58 0.01	91.15 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	69.21 2.79 0.00
GRISSOM___SOLAR 323813	49.72 1.40 0.00	46.44 1.17 0.00	44.78 1.09 0.00	46.78 1.18 0.00	51.01 1.34 0.00	54.52 1.79 0.00	76.17 2.72 0.00	87.33 2.95 0.00	82.98 0.58 0.00	66.50 -1.15 0.00	63.30 -1.89 0.00	58.18 -2.43 0.00	58.11 -2.67 0.00	63.02 -2.56 0.00	68.27 -1.82 0.00	76.98 1.06 0.00	100.85 3.13 0.00	141.19 5.44 0.00	121.30 4.67 0.00	109.17 3.79 0.00	91.43 3.01 0.00	81.47 2.22 0.00	73.89 2.08 0.00	68.48 2.06 0.00
GROVEVILLE___HYD 323602	50.84 2.51 0.00	47.48 2.22 0.00	45.70 2.01 0.00	47.69 2.10 0.00	51.96 2.28 0.00	55.15 2.43 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.72 2.88 0.57	69.33 2.03 0.34	66.54 1.70 0.35	61.79 1.45 0.27	62.02 1.52 0.29	66.74 1.51 0.35	71.22 1.54 0.41	78.88 2.96 0.00	102.12 4.40 0.00	142.00 6.24 0.00	122.46 5.83 0.00	110.54 5.16 0.00	92.40 3.98 0.00	82.82 3.57 0.00	74.89 3.09 0.00	69.28 2.86 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	47.55 -0.77 0.00	44.54 -0.72 0.00	43.03 -0.66 0.00	44.91 -0.68 0.00	48.93 -0.75 0.00	51.93 -0.79 0.00	72.50 -0.95 0.00	82.94 -1.43 0.00	55.48 -1.65 25.27	51.02 -1.35 15.27	48.30 -1.37 15.53	47.38 -1.27 11.95	46.60 -1.34 12.85	48.50 -1.44 15.64	50.18 -1.54 18.37	74.85 -1.06 0.00	96.06 -1.66 0.00	133.58 -2.17 0.00	114.41 -2.22 0.00	103.48 -1.90 0.00	86.56 -1.86 0.00	77.67 -1.59 0.00	70.30 -1.51 0.00	64.89 -1.53 0.00
HAMLTNNY_34_KV_TB 80303	47.60 -0.72 0.00	44.63 -0.63 0.00	43.12 -0.57 0.00	45.00 -0.59 0.00	49.08 -0.60 0.00	52.04 -0.69 0.00	72.64 -0.81 0.00	83.11 -1.27 0.00	56.67 -1.40 24.33	51.86 -1.08 14.70	49.07 -1.17 14.95	48.07 -1.03 11.50	47.26 -1.15 12.37	49.34 -1.18 15.06	51.15 -1.26 17.69	75.16 -0.76 0.00	96.35 -1.37 0.00	133.99 -1.76 0.00	114.65 -1.98 0.00	103.69 -1.69 0.00	86.74 -1.68 0.00	77.90 -1.35 0.00	70.37 -1.44 0.00	65.03 -1.39 0.00

HAMPSHIRE___PAPER_HYD 323593	47.69 -0.63 0.00	44.77 -0.50 0.00	43.17 -0.52 0.00	45.09 -0.50 0.00	49.23 -0.45 0.00	51.93 -0.79 0.00	72.72 -0.73 0.00	84.04 -0.34 0.00	75.14 -0.66 6.59	63.53 -0.14 3.98	61.60 0.46 4.05	57.85 0.37 3.12	57.92 0.48 3.35	62.29 0.79 4.08	66.07 0.77 4.79	76.52 0.60 0.00	98.70 0.98 0.00	138.32 2.57 0.00	118.38 1.75 0.00	106.75 1.37 0.00	89.66 1.24 0.00	80.75 1.50 0.00	73.17 1.36 0.00	67.28 0.86 0.00
HARDSCRABBLE_WT_PWR 323673	50.88 2.56 0.00	47.61 2.35 0.00	45.91 2.23 0.00	47.87 2.28 0.00	52.16 2.48 0.00	55.36 2.63 0.00	77.27 3.82 0.00	89.01 4.64 0.00	84.61 4.53 2.32	70.17 3.92 1.40	67.75 3.98 1.42	63.33 3.82 1.10	63.62 4.01 1.18	68.54 4.39 1.43	73.24 4.83 1.68	81.23 5.31 0.00	104.76 7.04 0.00	145.53 9.78 0.00	125.14 8.51 0.00	113.07 7.69 0.00	94.70 6.28 0.00	84.88 5.63 0.00	77.19 5.39 0.00	71.41 4.98 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.40 2.08 0.00	47.07 1.81 0.00	45.26 1.57 0.00	47.23 1.64 0.00	51.41 1.74 0.00	54.62 1.90 0.00	76.46 3.01 0.00	87.92 3.54 0.00	83.68 1.90 0.61	68.63 1.35 0.37	65.93 1.11 0.37	61.23 0.91 0.29	61.45 0.97 0.31	66.06 0.85 0.38	70.49 0.84 0.44	78.12 2.20 0.00	101.05 3.32 0.00	140.37 4.62 0.00	121.06 4.43 0.00	109.17 3.79 0.00	91.34 2.92 0.00	81.79 2.54 0.00	73.96 2.15 0.00	68.48 2.06 0.00
HARSNRAD_115KV_TB1 81005	46.44 -1.88 0.00	44.09 -1.18 0.00	42.51 -1.18 0.00	44.54 -1.05 0.00	48.78 -0.89 0.00	50.56 -2.16 0.00	68.09 -5.36 0.00	78.13 -6.24 0.00	65.34 -3.46 13.59	57.53 -1.89 8.22	54.95 -1.89 8.36	52.60 -1.58 6.43	52.16 -1.70 6.92	55.59 -1.57 8.42	58.52 -1.68 9.89	71.13 -4.78 0.00	89.51 -8.21 0.00	123.13 -12.62 0.00	104.62 -12.01 0.00	95.47 -9.91 0.00	80.20 -8.22 0.00	72.59 -6.66 0.00	66.35 -5.46 0.00	61.91 -4.52 0.00
HARZA MOOSE___RIVER 24016	48.23 -0.10 0.00	45.17 -0.09 0.00	43.60 -0.09 0.00	45.46 -0.14 0.00	49.62 -0.05 0.00	52.72 0.00 0.00	73.97 0.51 0.00	86.40 2.03 0.00	77.86 1.73 6.27	65.48 1.62 3.79	62.91 1.56 3.85	59.04 1.39 2.96	59.12 1.52 3.19	63.60 1.90 3.88	67.71 2.17 4.56	78.65 2.73 0.00	102.02 4.30 0.00	142.54 6.79 0.00	122.11 5.48 0.00	109.91 4.53 0.00	92.05 3.63 0.00	82.42 3.17 0.00	74.53 2.73 0.00	68.22 1.79 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	47.26 -1.06 0.00	44.31 -0.95 0.00	42.81 -0.87 0.00	44.68 -0.91 0.00	48.68 -0.99 0.00	51.61 -1.11 0.00	71.98 -1.47 0.00	82.35 -2.03 0.00	54.88 -2.14 25.38	50.55 -1.76 15.33	47.84 -1.76 15.59	46.97 -1.64 12.00	46.18 -1.70 12.91	48.11 -1.77 15.70	49.68 -1.96 18.44	74.32 -1.59 0.00	95.38 -2.35 0.00	132.49 -3.26 0.00	113.48 -3.15 0.00	102.64 -2.74 0.00	85.95 -2.48 0.00	77.11 -2.14 0.00	69.72 -2.08 0.00	64.50 -1.93 0.00
HELLGATE_13_KV_LD 55870	51.42 3.09 -0.01	47.99 2.72 -0.01	46.14 2.45 -0.01	48.11 2.51 -0.01	52.21 2.53 0.00	55.46 2.74 0.00	76.97 3.53 0.01	88.50 4.13 0.01	84.21 2.39 0.57	69.60 2.30 0.34	67.00 2.15 0.35	62.28 1.94 0.27	62.50 2.01 0.29	67.00 1.77 0.35	70.94 1.26 0.41	78.34 2.43 0.01	101.23 3.52 0.01	140.09 4.34 0.01	121.17 4.55 0.01	109.27 3.90 0.01	91.33 2.92 0.01	81.94 2.69 0.01	74.32 2.51 0.00	69.28 2.86 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.42 3.09 -0.01	47.99 2.72 -0.01	46.14 2.45 -0.01	48.11 2.51 -0.01	52.21 2.53 0.00	55.46 2.74 0.00	76.97 3.53 0.01	88.50 4.13 0.01	84.21 2.39 0.57	69.60 2.30 0.34	67.00 2.15 0.35	62.28 1.94 0.27	62.50 2.01 0.29	67.00 1.77 0.35	70.94 1.26 0.41	78.34 2.43 0.01	101.23 3.52 0.01	140.09 4.34 0.01	121.17 4.55 0.01	109.27 3.90 0.01	91.33 2.92 0.01	81.94 2.69 0.01	74.32 2.51 0.00	69.28 2.86 0.00
HEMPSTEAD___ 23647	51.42 3.10 0.00	47.84 2.58 0.00	46.00 2.31 0.00	47.74 2.14 0.00	52.06 2.38 0.00	55.78 3.06 0.00	77.64 4.18 0.00	89.52 5.15 0.00	84.14 2.30 0.56	68.38 1.08 0.34	66.41 1.56 0.35	61.55 1.21 0.27	61.78 1.28 0.29	66.80 1.57 0.35	71.16 1.47 0.41	79.64 3.72 0.00	103.01 5.27 -0.01	141.19 5.44 0.00	122.82 6.18 -0.01	111.07 5.69 -0.01	99.51 4.33 -6.76	97.95 3.96 -14.73	75.69 3.87 -0.01	69.95 3.52 -0.01
HICKLING___1 23621	47.36 -0.97 0.00	44.63 -0.63 0.00	43.12 -0.57 0.00	45.14 -0.46 0.00	49.38 -0.30 0.00	52.30 -0.42 0.00	72.79 -0.66 0.00	82.69 -1.69 0.00	62.56 1.32 21.16	56.01 1.15 12.79	53.11 0.91 13.00	51.63 1.03 10.01	50.87 0.85 10.76	53.67 1.18 13.10	55.90 1.19 15.38	75.84 -0.08 0.00	96.75 -0.98 0.00	134.53 -1.22 0.00	114.65 -1.98 0.00	103.80 -1.58 0.00	86.56 -1.86 0.00	77.83 -1.43 0.00	70.23 -1.58 0.00	64.89 -1.53 0.00
HICKLING___2 23622	47.36 -0.97 0.00	44.63 -0.63 0.00	43.12 -0.57 0.00	45.14 -0.46 0.00	49.38 -0.30 0.00	52.30 -0.42 0.00	72.79 -0.66 0.00	82.69 -1.69 0.00	62.56 1.32 21.16	56.01 1.15 12.79	53.11 0.91 13.00	51.63 1.03 10.01	50.87 0.85 10.76	53.67 1.18 13.10	55.90 1.19 15.38	75.84 -0.08 0.00	96.75 -0.98 0.00	134.53 -1.22 0.00	114.65 -1.98 0.00	103.80 -1.58 0.00	86.56 -1.86 0.00	77.83 -1.43 0.00	70.23 -1.58 0.00	64.89 -1.53 0.00
HIGH FALLS___HY 23754	50.88 2.56 0.00	47.53 2.26 0.00	45.74 2.05 0.00	47.74 2.14 0.00	52.06 2.38 0.00	55.25 2.53 0.00	77.71 4.26 0.00	89.44 5.06 0.00	85.21 3.38 0.57	69.60 2.30 0.34	66.67 1.83 0.35	61.91 1.58 0.27	62.14 1.64 0.29	66.87 1.64 0.35	71.36 1.68 0.41	79.03 3.11 0.00	102.61 4.89 0.00	142.95 7.19 0.00	123.28 6.65 0.00	111.28 5.90 0.00	93.02 4.60 0.00	83.29 4.04 0.00	75.18 3.37 0.00	69.48 3.06 0.00
HIGH_RIVER___SOLAR 323847	49.53 1.21 0.00	46.26 0.99 0.00	44.61 0.92 0.00	46.60 1.00 0.00	50.82 1.14 0.00	54.25 1.53 0.00	75.73 2.28 0.00	86.66 2.28 0.00	82.07 -0.33 0.00	66.22 -1.42 0.00	63.24 -1.95 0.00	58.30 -2.30 0.00	58.29 -2.49 0.00	63.09 -2.49 0.00	67.92 -2.17 0.00	76.30 0.38 0.00	100.26 2.54 0.00	140.22 4.47 0.00	120.36 3.73 0.00	108.44 3.06 0.00	90.81 2.39 0.00	80.99 1.74 0.00	73.46 1.65 0.00	68.08 1.66 0.00
HILLBURN___GT 23639	50.35 2.03 0.00	46.98 1.72 0.00	45.22 1.53 0.00	47.14 1.55 0.00	51.31 1.64 0.00	54.52 1.79 0.00	76.31 2.86 0.00	87.66 3.29 0.00	83.36 1.56 0.60	68.36 1.08 0.36	65.74 0.91 0.37	61.11 0.79 0.28	61.27 0.79 0.31	65.87 0.66 0.37	70.21 0.56 0.44	77.74 1.82 0.00	100.56 2.84 0.00	139.42 3.67 0.00	120.25 3.62 0.00	108.65 3.27 0.00	90.89 2.47 0.00	81.47 2.22 0.00	73.67 1.86 0.00	68.08 1.66 0.00
HILLSIDE_115KV_TB1 80332	46.97 -1.35 0.00	44.22 -1.04 0.00	42.68 -1.00 0.00	44.68 -0.91 0.00	48.83 -0.84 0.00	51.67 -1.05 0.00	71.91 -1.54 0.00	81.51 -2.87 0.00	61.21 0.00 21.19	54.91 0.07 12.81	52.04 -0.13 13.02	50.64 0.06 10.02	49.95 -0.06 10.78	52.53 0.07 13.12	54.76 0.07 15.40	74.47 -1.44 0.00	95.08 -2.64 0.00	131.95 -3.80 0.00	112.55 -4.08 0.00	101.90 -3.48 0.00	85.06 -3.36 0.00	76.48 -2.77 0.00	69.15 -2.66 0.00	63.96 -2.46 0.00

HISHELDN_WT_PWR 323625	45.86 -2.46 0.00	43.54 -1.72 0.00	42.07 -1.62 0.00	44.32 -1.28 0.00	48.58 -1.09 0.00	50.93 -1.79 0.00	69.78 -3.67 0.00	80.08 -4.30 0.00	66.45 -2.06 13.89	58.36 -0.88 8.40	55.67 -0.98 8.55	53.36 -0.67 6.58	53.10 -0.61 7.08	56.45 -0.53 8.61	59.35 -0.63 10.11	72.43 -3.49 0.00	91.96 -5.77 0.00	125.71 -10.04 0.00	108.23 -8.40 0.00	97.27 -8.11 0.00	81.61 -6.81 0.00	73.86 -5.39 0.00	67.35 -4.45 0.00	62.90 -3.52 0.00
HOLTSVILLE_IC_1 23690	51.99 3.67 0.00	48.30 3.03 0.00	46.44 2.75 0.00	48.05 2.46 0.00	52.50 2.83 0.00	56.52 3.80 0.00	77.93 4.48 0.00	90.12 5.74 0.00	83.73 1.90 0.56	67.44 0.14 0.34	65.69 0.85 0.35	60.70 0.37 0.27	60.87 0.37 0.29	66.08 0.85 0.35	70.66 0.98 0.41	79.79 3.87 0.00	104.18 6.45 -0.01	139.96 4.21 0.00	123.40 6.76 -0.01	112.03 6.64 -0.01	101.01 5.83 -6.75	99.29 5.31 -14.73	76.99 5.17 -0.01	71.28 4.85 -0.01
HOLTSVILLE_IC_10 23699	52.29 3.96 0.00	48.52 3.26 0.00	46.70 3.01 0.00	48.28 2.69 0.00	52.80 3.13 0.00	56.84 4.11 0.00	78.30 4.85 0.00	90.62 6.24 0.00	84.06 2.23 0.56	67.64 0.34 0.34	65.89 1.04 0.35	60.88 0.54 0.27	61.04 0.55 0.29	66.35 1.11 0.35	70.94 1.26 0.41	80.24 4.33 0.00	105.06 7.33 -0.01	140.91 5.16 0.00	124.45 7.82 -0.01	112.98 7.59 -0.01	101.81 6.63 -6.75	99.93 5.95 -14.73	77.56 5.75 -0.01	71.75 5.32 -0.01
HOLTSVILLE_IC_2 23691	51.99 3.67 0.00	48.30 3.03 0.00	46.44 2.75 0.00	48.05 2.46 0.00	52.50 2.83 0.00	56.52 3.80 0.00	77.93 4.48 0.00	90.12 5.74 0.00	83.73 1.90 0.56	67.44 0.14 0.34	65.69 0.85 0.35	60.70 0.37 0.27	60.87 0.37 0.29	66.08 0.85 0.35	70.66 0.98 0.41	79.79 3.87 0.00	104.18 6.45 -0.01	139.96 4.21 0.00	123.40 6.76 -0.01	112.03 6.64 -0.01	101.01 5.83 -6.75	99.29 5.31 -14.73	76.99 5.17 -0.01	71.28 4.85 -0.01
HOLTSVILLE_IC_3 23692	51.99 3.67 0.00	48.30 3.03 0.00	46.44 2.75 0.00	48.05 2.46 0.00	52.50 2.83 0.00	56.52 3.80 0.00	77.93 4.48 0.00	90.12 5.74 0.00	83.73 1.90 0.56	67.44 0.14 0.34	65.69 0.85 0.35	60.70 0.37 0.27	60.87 0.37 0.29	66.08 0.85 0.35	70.66 0.98 0.41	79.79 3.87 0.00	104.18 6.45 -0.01	139.96 4.21 0.00	123.40 6.76 -0.01	112.03 6.64 -0.01	101.01 5.83 -6.75	99.29 5.31 -14.73	76.99 5.17 -0.01	71.28 4.85 -0.01
HOLTSVILLE_IC_4 23693	51.99 3.67 0.00	48.30 3.03 0.00	46.44 2.75 0.00	48.05 2.46 0.00	52.50 2.83 0.00	56.52 3.80 0.00	77.93 4.48 0.00	90.12 5.74 0.00	83.73 1.90 0.56	67.44 0.14 0.34	65.69 0.85 0.35	60.70 0.37 0.27	60.87 0.37 0.29	66.08 0.85 0.35	70.66 0.98 0.41	79.79 3.87 0.00	104.18 6.45 -0.01	139.96 4.21 0.00	123.40 6.76 -0.01	112.03 6.64 -0.01	101.01 5.83 -6.75	99.29 5.31 -14.73	76.99 5.17 -0.01	71.28 4.85 -0.01
HOLTSVILLE_IC_5 23694	51.99 3.67 0.00	48.30 3.03 0.00	46.44 2.75 0.00	48.05 2.46 0.00	52.50 2.83 0.00	56.52 3.80 0.00	77.93 4.48 0.00	90.12 5.74 0.00	83.73 1.90 0.56	67.44 0.14 0.34	65.69 0.85 0.35	60.70 0.37 0.27	60.87 0.37 0.29	66.08 0.85 0.35	70.66 0.98 0.41	79.79 3.87 0.00	104.18 6.45 -0.01	139.96 4.21 0.00	123.40 6.76 -0.01	112.03 6.64 -0.01	101.01 5.83 -6.75	99.29 5.31 -14.73	76.99 5.17 -0.01	71.28 4.85 -0.01
HOLTSVILLE_IC_6 23695	52.29 3.96 0.00	48.52 3.26 0.00	46.70 3.01 0.00	48.28 2.69 0.00	52.80 3.13 0.00	56.84 4.11 0.00	78.30 4.85 0.00	90.62 6.24 0.00	84.06 2.23 0.56	67.64 0.34 0.34	65.89 1.04 0.35	60.88 0.54 0.27	61.04 0.55 0.29	66.35 1.11 0.35	70.94 1.26 0.41	80.24 4.33 0.00	105.06 7.33 -0.01	140.91 5.16 0.00	124.45 7.82 -0.01	112.98 7.59 -0.01	101.81 6.63 -6.75	99.93 5.95 -14.73	77.56 5.75 -0.01	71.75 5.32 -0.01
HOLTSVILLE_IC_7 23696	52.29 3.96 0.00	48.52 3.26 0.00	46.70 3.01 0.00	48.28 2.69 0.00	52.80 3.13 0.00	56.84 4.11 0.00	78.30 4.85 0.00	90.62 6.24 0.00	84.06 2.23 0.56	67.64 0.34 0.34	65.89 1.04 0.35	60.88 0.54 0.27	61.04 0.55 0.29	66.35 1.11 0.35	70.94 1.26 0.41	80.24 4.33 0.00	105.06 7.33 -0.01	140.91 5.16 0.00	124.45 7.82 -0.01	112.98 7.59 -0.01	101.81 6.63 -6.75	99.93 5.95 -14.73	77.56 5.75 -0.01	71.75 5.32 -0.01
HOLTSVILLE_IC_8 23697	52.29 3.96 0.00	48.52 3.26 0.00	46.70 3.01 0.00	48.28 2.69 0.00	52.80 3.13 0.00	56.84 4.11 0.00	78.30 4.85 0.00	90.62 6.24 0.00	84.06 2.23 0.56	67.64 0.34 0.34	65.89 1.04 0.35	60.88 0.54 0.27	61.04 0.55 0.29	66.35 1.11 0.35	70.94 1.26 0.41	80.24 4.33 0.00	105.06 7.33 -0.01	140.91 5.16 0.00	124.45 7.82 -0.01	112.98 7.59 -0.01	101.81 6.63 -6.75	99.93 5.95 -14.73	77.56 5.75 -0.01	71.75 5.32 -0.01
HOLTSVILLE_IC_9 23698	52.29 3.96 0.00	48.52 3.26 0.00	46.70 3.01 0.00	48.28 2.69 0.00	52.80 3.13 0.00	56.84 4.11 0.00	78.30 4.85 0.00	90.62 6.24 0.00	84.06 2.23 0.56	67.64 0.34 0.34	65.89 1.04 0.35	60.88 0.54 0.27	61.04 0.55 0.29	66.35 1.11 0.35	70.94 1.26 0.41	80.24 4.33 0.00	105.06 7.33 -0.01	140.91 5.16 0.00	124.45 7.82 -0.01	112.98 7.59 -0.01	101.81 6.63 -6.75	99.93 5.95 -14.73	77.56 5.75 -0.01	71.75 5.32 -0.01
HOMER_HL_115KV_TB2 355744	46.24 -2.08 0.00	43.86 -1.40 0.00	42.29 -1.40 0.00	44.41 -1.19 0.00	48.63 -1.04 0.00	51.30 -1.42 0.00	70.73 -2.72 0.00	81.42 -2.95 0.00	69.25 2.22 15.37	60.79 2.44 9.30	57.96 2.22 9.45	55.57 2.24 7.28	55.09 2.13 7.83	58.62 2.56 9.52	61.58 2.66 11.18	74.40 -1.52 0.00	94.30 -3.42 0.00	130.32 -5.43 0.00	110.80 -5.83 0.00	100.64 -4.74 0.00	84.00 -4.42 0.00	75.84 -3.41 0.00	68.86 -2.94 0.00	63.70 -2.72 0.00
HOWARD_WT_PWR 323690	45.52 -2.80 0.00	43.14 -2.13 0.00	41.89 -1.79 0.00	44.09 -1.50 0.00	48.48 -1.19 0.00	51.51 -1.21 0.00	71.91 -1.55 0.00	82.10 -2.27 0.00	70.45 7.42 19.37	62.16 6.22 11.70	59.23 5.93 11.90	57.27 5.82 9.16	56.71 5.78 9.85	60.03 6.43 11.99	63.02 7.01 14.08	82.14 6.23 0.00	105.83 8.11 0.00	147.83 12.08 0.00	125.96 9.33 0.00	113.29 7.91 0.00	93.64 5.22 0.00	83.53 4.28 0.00	74.46 2.66 0.00	69.68 3.25 0.00
HQ_GEN_CEDARS 23644	48.81 0.48 0.00	45.76 0.50 0.00	44.12 0.44 0.00	46.14 0.55 0.00	50.32 0.65 0.00	53.41 0.69 0.00	74.63 1.18 0.00	85.73 1.35 0.00	81.71 1.07 1.76	67.66 1.08 1.07	65.35 1.24 1.08	60.98 1.21 0.83	61.23 1.34 0.90	66.00 1.51 1.09	70.49 1.68 1.28	77.66 1.75 0.00	100.17 2.44 0.00	139.55 3.80 0.00	119.54 2.92 0.00	108.12 2.74 0.00	91.07 2.65 0.00	81.55 2.30 0.00	73.89 2.08 0.00	68.22 1.79 0.00
HQ_GEN_CEDARS_PROXY 323590	48.81 0.48 0.00	45.76 0.50 0.00	44.12 0.44 0.00	46.14 0.55 0.00	50.32 0.64 0.00	53.41 0.68 0.00	74.62 1.17 0.00	85.72 1.35 0.00	81.70 1.07 1.76	67.66 1.08 1.07	65.35 1.24 1.08	60.98 1.21 0.83	61.22 1.34 0.90	66.00 1.51 1.09	70.49 1.68 1.28	77.66 1.75 0.00	99.97 2.25 0.00	139.55 3.80 0.00	119.55 2.92 0.00	108.11 2.74 0.00	91.07 2.65 0.00	81.55 2.30 0.00	73.89 2.08 0.00	68.22 1.79 0.00

HQ_GEN_IMPORT 323601	48.37 0.05 0.00	45.31 0.05 0.00	43.73 0.04 0.00	45.64 0.05 0.00	49.77 0.10 0.00	52.88 0.16 0.00	73.67 0.22 0.00	84.72 0.34 0.00	82.64 0.25 0.00	67.99 0.34 0.00	65.65 0.46 0.00	61.09 0.48 0.00	61.27 0.48 0.00	66.17 0.59 0.00	70.86 0.77 0.00	76.68 0.76 0.00	98.60 0.88 0.00	137.25 1.50 0.00	117.80 1.17 0.00	106.43 1.05 0.00	89.57 1.15 0.00	80.21 0.95 0.00	72.60 0.79 0.00	67.09 0.66 0.00
HQ_GEN_WHEEL 23651	48.37 0.05 0.00	45.31 0.05 0.00	43.73 0.04 0.00	45.64 0.05 0.00	49.77 0.10 0.00	52.88 0.16 0.00	73.67 0.22 0.00	84.72 0.34 0.00	82.64 0.25 0.00	67.99 0.34 0.00	65.65 0.46 0.00	61.09 0.48 0.00	61.27 0.48 0.00	66.17 0.59 0.00	70.86 0.77 0.00	76.68 0.76 0.00	98.60 0.88 0.00	137.25 1.50 0.00	117.80 1.17 0.00	106.43 1.05 0.00	89.57 1.15 0.00	80.21 0.95 0.00	72.60 0.79 0.00	67.09 0.66 0.00
HUDSON AVE_GT_3 23810	50.98 2.66 0.00	47.57 2.31 0.00	45.74 2.05 0.00	47.65 2.05 0.00	51.81 2.14 0.00	55.15 2.43 0.00	77.20 3.75 0.00	88.76 4.39 0.00	84.39 2.55 0.57	69.54 2.23 0.34	66.80 1.96 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.87 1.64 0.35	71.15 1.47 0.41	78.80 2.88 0.00	101.73 4.01 0.00	140.77 5.02 0.00	121.76 5.13 0.00	109.70 4.32 0.00	91.78 3.36 0.00	82.26 3.01 0.00	74.53 2.73 0.00	69.08 2.66 0.00
HUDSON AVE_GT_4 23540	50.98 2.66 0.00	47.57 2.31 0.00	45.74 2.05 0.00	47.65 2.05 0.00	51.81 2.14 0.00	55.15 2.43 0.00	77.20 3.75 0.00	88.76 4.39 0.00	84.39 2.55 0.57	69.54 2.23 0.34	66.80 1.96 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.87 1.64 0.35	71.15 1.47 0.41	78.80 2.88 0.00	101.73 4.01 0.00	140.77 5.02 0.00	121.76 5.13 0.00	109.70 4.32 0.00	91.78 3.36 0.00	82.26 3.01 0.00	74.53 2.73 0.00	69.08 2.66 0.00
HUDSON AVE_GT_5 23657	50.98 2.66 0.00	47.57 2.31 0.00	45.74 2.05 0.00	47.65 2.05 0.00	51.81 2.14 0.00	55.15 2.43 0.00	77.20 3.75 0.00	88.76 4.39 0.00	84.39 2.55 0.57	69.54 2.23 0.34	66.80 1.96 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.87 1.64 0.35	71.15 1.47 0.41	78.80 2.88 0.00	101.73 4.01 0.00	140.77 5.02 0.00	121.76 5.13 0.00	109.70 4.32 0.00	91.78 3.36 0.00	82.26 3.01 0.00	74.53 2.73 0.00	69.08 2.66 0.00
HUDSON_AVE_10 24168	50.79 2.46 0.00	47.34 2.08 0.00	45.57 1.88 0.00	47.46 1.87 0.00	51.56 1.89 0.00	54.94 2.21 0.00	76.90 3.45 0.00	88.43 4.05 0.00	84.14 2.31 0.57	69.33 2.03 0.34	66.54 1.70 0.35	61.85 1.52 0.27	62.08 1.58 0.29	66.61 1.38 0.35	70.87 1.19 0.41	78.42 2.51 0.00	101.24 3.52 0.00	140.23 4.48 0.00	121.29 4.67 0.00	109.28 3.90 0.00	91.43 3.01 0.00	81.95 2.69 0.00	74.32 2.51 0.00	68.88 2.46 0.00
HUDSON___115KV_TB 4 355613	50.55 2.22 0.00	47.30 2.04 0.00	45.61 1.92 0.00	47.65 2.05 0.00	51.86 2.19 0.00	55.09 2.37 0.00	76.17 2.72 0.00	87.41 3.04 0.00	84.21 1.81 0.00	68.39 0.74 0.00	65.78 0.59 0.00	60.97 0.36 0.00	61.09 0.30 0.00	65.91 0.33 0.00	70.44 0.35 0.00	77.74 1.82 0.00	100.56 2.83 0.00	140.37 4.62 0.00	120.83 4.20 0.00	108.96 3.58 0.00	91.16 2.74 0.00	81.63 2.38 0.00	74.32 2.51 0.00	69.01 2.59 0.00
HUNTER MOUNT___DRP 323613	50.69 2.37 0.00	47.44 2.17 0.00	45.74 2.05 0.00	47.83 2.23 0.00	52.11 2.43 0.00	55.30 2.58 0.00	76.68 3.23 0.00	88.09 3.71 0.00	84.87 2.47 0.00	68.80 1.15 0.00	66.04 0.85 0.00	61.21 0.61 0.00	61.33 0.55 0.00	66.17 0.59 0.00	70.79 0.70 0.00	78.19 2.28 0.00	101.34 3.62 0.00	141.72 5.97 0.00	121.88 5.25 0.00	109.91 4.53 0.00	91.96 3.54 0.00	82.26 3.01 0.00	74.82 3.02 0.00	69.41 2.99 0.00
HUNTINGTON_RES_REC 323705	51.95 3.63 0.00	48.20 2.94 0.00	46.40 2.71 0.00	47.96 2.37 0.00	52.40 2.73 0.00	56.47 3.74 0.00	78.22 4.77 0.00	90.37 5.99 0.00	84.06 2.23 0.56	67.71 0.41 0.34	65.89 1.04 0.35	60.94 0.61 0.27	61.04 0.55 0.29	66.35 1.11 0.35	70.87 1.19 0.41	80.17 4.25 0.00	104.18 6.45 -0.01	139.82 4.07 0.00	123.16 6.53 -0.01	111.71 6.32 -0.01	101.10 5.92 -6.75	99.45 5.46 -14.73	76.99 5.17 -0.01	71.28 4.85 -0.01
HUNTLEY___63 23557	46.39 -1.93 0.00	44.00 -1.27 0.00	42.46 -1.22 0.00	44.50 -1.09 0.00	48.73 -0.94 0.00	50.82 -1.90 0.00	68.90 -4.55 0.00	79.14 -5.23 0.00	66.55 -2.06 13.79	58.56 -0.74 8.34	55.87 -0.85 8.48	53.53 -0.55 6.53	53.04 -0.73 7.02	56.52 -0.52 8.54	59.50 -0.56 10.03	71.82 -4.10 0.00	90.30 -7.43 0.00	124.08 -11.67 0.00	105.43 -11.20 0.00	96.32 -9.06 0.00	80.82 -7.60 0.00	73.23 -6.02 0.00	67.21 -4.60 0.00	62.30 -4.12 0.00
HUNTLEY___64 23558	46.39 -1.93 0.00	44.00 -1.27 0.00	42.46 -1.22 0.00	44.50 -1.09 0.00	48.73 -0.94 0.00	50.82 -1.90 0.00	68.90 -4.55 0.00	79.14 -5.23 0.00	66.55 -2.06 13.79	58.56 -0.74 8.34	55.87 -0.85 8.48	53.53 -0.55 6.53	53.04 -0.73 7.02	56.52 -0.52 8.54	59.50 -0.56 10.03	71.82 -4.10 0.00	90.30 -7.43 0.00	124.08 -11.67 0.00	105.43 -11.20 0.00	96.32 -9.06 0.00	80.82 -7.60 0.00	73.23 -6.02 0.00	67.21 -4.60 0.00	62.30 -4.12 0.00
HUNTLEY___65 23559	46.39 -1.93 0.00	44.00 -1.27 0.00	42.46 -1.22 0.00	44.50 -1.09 0.00	48.73 -0.94 0.00	50.82 -1.90 0.00	68.90 -4.55 0.00	79.14 -5.23 0.00	66.55 -2.06 13.79	58.56 -0.74 8.34	55.87 -0.85 8.48	53.53 -0.55 6.53	53.04 -0.73 7.02	56.52 -0.52 8.54	59.50 -0.56 10.03	71.82 -4.10 0.00	90.30 -7.43 0.00	124.08 -11.67 0.00	105.43 -11.20 0.00	96.32 -9.06 0.00	80.82 -7.60 0.00	73.23 -6.02 0.00	67.21 -4.60 0.00	62.30 -4.12 0.00
HUNTLEY___66 23560	46.39 -1.93 0.00	44.00 -1.27 0.00	42.46 -1.22 0.00	44.50 -1.09 0.00	48.73 -0.94 0.00	50.82 -1.90 0.00	68.90 -4.55 0.00	79.14 -5.23 0.00	66.55 -2.06 13.79	58.56 -0.74 8.34	55.87 -0.85 8.48	53.53 -0.55 6.53	53.04 -0.73 7.02	56.52 -0.52 8.54	59.50 -0.56 10.03	71.82 -4.10 0.00	90.30 -7.43 0.00	124.08 -11.67 0.00	105.43 -11.20 0.00	96.32 -9.06 0.00	80.82 -7.60 0.00	73.23 -6.02 0.00	67.21 -4.60 0.00	62.30 -4.12 0.00
HUNTLEY___67 23561	46.20 -2.13 0.00	43.81 -1.45 0.00	42.29 -1.40 0.00	44.32 -1.28 0.00	48.53 -1.14 0.00	50.67 -2.06 0.00	68.82 -4.63 0.00	78.98 -5.40 0.00	65.93 -2.72 13.75	57.97 -1.35 8.32	55.36 -1.37 8.46	53.05 -1.03 6.52	52.56 -1.22 7.01	56.01 -1.05 8.53	58.96 -1.12 10.01	71.97 -3.95 0.00	90.69 -7.04 0.00	124.89 -10.86 0.00	106.13 -10.50 0.00	96.74 -8.64 0.00	81.17 -7.25 0.00	73.47 -5.79 0.00	67.07 -4.74 0.00	62.17 -4.25 0.00
HUNTLEY___68 23562	46.20 -2.13 0.00	43.81 -1.45 0.00	42.29 -1.40 0.00	44.32 -1.28 0.00	48.53 -1.14 0.00	50.67 -2.06 0.00	68.82 -4.63 0.00	78.98 -5.40 0.00	65.93 -2.72 13.75	57.97 -1.35 8.32	55.36 -1.37 8.46	53.05 -1.03 6.52	52.56 -1.22 7.01	56.01 -1.05 8.53	58.96 -1.12 10.01	71.97 -3.95 0.00	90.69 -7.04 0.00	124.89 -10.86 0.00	106.13 -10.50 0.00	96.74 -8.64 0.00	81.17 -7.25 0.00	73.47 -5.79 0.00	67.07 -4.74 0.00	62.17 -4.25 0.00

HYLAND___LFGE 323620	48.95 0.63 0.00	46.17 0.90 0.00	44.56 0.87 0.00	46.78 1.18 0.00	51.41 1.74 0.00	54.52 1.79 0.00	76.09 2.64 0.00	87.41 3.03 0.00	74.08 8.16 16.48	63.91 6.22 9.96	60.61 5.54 10.12	57.91 5.09 7.79	57.15 4.74 8.38	60.63 5.25 10.20	64.21 6.09 11.98	79.56 3.64 0.00	103.49 5.76 0.00	144.99 9.24 0.00	123.74 7.12 0.00	111.59 6.22 0.00	92.58 4.16 0.00	82.74 3.48 0.00	73.89 2.08 0.00	71.14 4.72 0.00
INDECK___CORINTH 23802	51.42 3.10 0.00	48.07 2.81 0.00	46.31 2.62 0.00	48.42 2.83 0.00	52.75 3.08 0.00	56.36 3.64 0.00	76.24 2.79 0.00	87.41 3.03 0.00	84.21 1.81 0.00	68.59 0.95 0.00	65.71 0.52 0.00	60.73 0.12 0.00	60.73 -0.06 0.00	65.45 -0.13 0.00	70.09 0.00 0.00	77.51 1.60 0.00	100.26 2.54 0.00	140.09 4.34 0.00	120.36 3.73 0.00	108.44 3.06 0.00	91.17 2.74 0.00	81.23 1.98 0.00	73.67 1.86 0.00	68.41 1.99 0.00
INDECK___ILION 23567	49.87 1.55 0.00	46.67 1.40 0.00	45.04 1.35 0.00	46.96 1.37 0.00	51.21 1.54 0.00	54.36 1.63 0.00	75.80 2.35 0.00	87.24 2.87 0.00	82.72 2.64 2.32	68.41 2.16 1.40	65.92 2.15 1.42	61.57 2.06 1.10	61.74 2.13 1.18	66.51 2.36 1.43	71.00 2.59 1.68	78.95 3.04 0.00	101.73 4.01 0.00	141.32 5.57 0.00	121.53 4.90 0.00	109.70 4.32 0.00	91.96 3.54 0.00	82.42 3.17 0.00	74.82 3.02 0.00	69.21 2.79 0.00
INDECK___OLEAN 23982	46.25 -2.08 0.00	43.86 -1.40 0.00	42.29 -1.40 0.00	44.46 -1.14 0.00	48.63 -1.05 0.00	51.30 -1.42 0.00	70.74 -2.72 0.00	81.42 -2.96 0.00	69.25 2.23 15.37	60.78 2.43 9.30	57.96 2.22 9.45	55.57 2.24 7.28	55.27 2.31 7.83	58.62 2.56 9.52	61.58 2.66 11.18	74.47 -1.44 0.00	94.79 -2.93 0.00	130.32 -5.43 0.00	111.74 -4.89 0.00	100.53 -4.85 0.00	84.00 -4.42 0.00	75.85 -3.41 0.00	68.86 -2.95 0.00	64.10 -2.33 0.00
INDECK___OSWEGO 23783	46.73 -1.59 0.00	43.81 -1.45 0.00	42.29 -1.40 0.00	44.13 -1.46 0.00	48.08 -1.59 0.00	50.98 -1.74 0.00	71.03 -2.42 0.00	81.42 -2.96 0.00	50.64 -3.54 28.22	47.76 -2.84 17.05	45.05 -2.80 17.34	44.66 -2.60 13.34	43.82 -2.61 14.35	45.30 -2.82 17.47	46.57 -3.01 20.51	72.80 -3.12 0.00	93.52 -4.20 0.00	130.05 -5.70 0.00	111.62 -5.01 0.00	100.74 -4.63 0.00	84.36 -4.07 0.00	75.69 -3.56 0.00	69.15 -2.66 0.00	63.97 -2.46 0.00
INDECK___YERKES 23781	46.44 -1.89 0.00	44.04 -1.22 0.00	42.47 -1.22 0.00	44.63 -0.96 0.00	48.78 -0.89 0.00	50.87 -1.85 0.00	68.97 -4.48 0.00	79.23 -5.15 0.00	66.63 -1.98 13.79	58.63 -0.68 8.34	55.94 -0.78 8.48	53.59 -0.49 6.53	53.34 -0.42 7.02	56.65 -0.39 8.54	59.58 -0.49 10.03	71.89 -4.03 0.00	90.98 -6.74 0.00	123.94 -11.81 0.00	107.07 -9.56 0.00	96.21 -9.17 0.00	80.82 -7.60 0.00	73.23 -6.03 0.00	67.28 -4.52 0.00	62.97 -3.46 0.00
INDIAN POINT_GT_1 24139	50.40 2.08 0.00	47.07 1.81 0.00	45.30 1.62 0.00	47.23 1.64 0.00	51.36 1.69 0.00	54.62 1.90 0.00	76.39 2.94 0.00	87.75 3.38 0.00	83.47 1.65 0.58	68.51 1.22 0.35	65.88 1.04 0.35	61.18 0.85 0.27	61.40 0.91 0.29	66.01 0.79 0.36	70.30 0.63 0.42	77.89 1.97 0.00	100.75 3.03 0.00	139.69 3.94 0.00	120.59 3.97 0.00	108.75 3.37 0.00	91.07 2.65 0.00	81.63 2.38 0.00	73.82 2.01 0.00	68.35 1.93 0.00
INDIAN POINT_GT_2 23659	50.40 2.08 0.00	47.07 1.81 0.00	45.30 1.62 0.00	47.23 1.64 0.00	51.36 1.69 0.00	54.62 1.90 0.00	76.39 2.94 0.00	87.75 3.38 0.00	83.47 1.65 0.58	68.51 1.22 0.35	65.88 1.04 0.35	61.18 0.85 0.27	61.40 0.91 0.29	66.01 0.79 0.36	70.30 0.63 0.42	77.89 1.97 0.00	100.75 3.03 0.00	139.69 3.94 0.00	120.59 3.97 0.00	108.75 3.37 0.00	91.07 2.65 0.00	81.63 2.38 0.00	73.82 2.01 0.00	68.35 1.93 0.00
INDIAN POINT_GT_3 24019	50.40 2.08 0.00	47.07 1.81 0.00	45.30 1.62 0.00	47.23 1.64 0.00	51.36 1.69 0.00	54.62 1.90 0.00	76.39 2.94 0.00	87.75 3.38 0.00	83.47 1.65 0.58	68.51 1.22 0.35	65.88 1.04 0.35	61.18 0.85 0.27	61.40 0.91 0.29	66.01 0.79 0.36	70.30 0.63 0.42	77.89 1.97 0.00	100.75 3.03 0.00	139.69 3.94 0.00	120.59 3.97 0.00	108.75 3.37 0.00	91.07 2.65 0.00	81.63 2.38 0.00	73.82 2.01 0.00	68.35 1.93 0.00
INDIAN POINT___2 23530	50.26 1.93 0.00	46.94 1.68 0.00	45.17 1.49 0.00	47.05 1.46 0.00	51.21 1.54 0.00	54.46 1.74 0.00	76.17 2.72 0.00	87.50 3.12 0.00	83.21 1.40 0.59	68.31 1.02 0.36	65.68 0.85 0.36	60.99 0.67 0.28	61.16 0.67 0.30	65.81 0.59 0.37	70.09 0.42 0.43	77.66 1.75 0.00	100.45 2.73 0.00	139.15 3.40 0.00	120.01 3.38 0.00	108.44 3.06 0.00	90.72 2.30 0.00	81.31 2.06 0.00	73.60 1.80 0.00	68.08 1.66 0.00
INDIAN POINT___3 23531	50.45 2.13 0.00	47.07 1.81 0.00	45.30 1.62 0.00	47.23 1.64 0.00	51.36 1.69 0.00	54.62 1.90 0.00	76.39 2.94 0.00	87.75 3.38 0.00	83.39 1.57 0.57	68.52 1.22 0.35	65.82 0.98 0.35	61.18 0.85 0.27	61.35 0.85 0.29	66.01 0.79 0.36	70.31 0.63 0.42	77.89 1.97 0.00	100.65 2.93 0.00	139.42 3.67 0.00	120.48 3.85 0.00	108.75 3.37 0.00	90.99 2.56 0.00	81.55 2.30 0.00	73.82 2.01 0.00	68.35 1.93 0.00
INGHAM_C_115KV_TB7 356103	51.90 3.58 0.00	48.61 3.35 0.00	46.83 3.15 0.00	48.88 3.28 0.00	53.25 3.58 0.00	56.46 3.74 0.00	78.74 5.29 0.00	90.70 6.33 0.00	86.34 6.26 2.32	71.59 5.34 1.40	69.12 5.35 1.42	64.60 5.09 1.10	64.84 5.23 1.18	69.92 5.77 1.43	74.65 6.24 1.68	82.75 6.83 0.00	106.52 8.80 0.00	148.10 12.35 0.00	127.24 10.61 0.00	114.97 9.59 0.00	96.38 7.96 0.00	86.38 7.13 0.00	78.63 6.82 0.00	72.73 6.31 0.00
IP CORINTH___1 23988	51.42 3.09 0.00	48.07 2.81 0.00	46.31 2.62 0.00	48.42 2.83 0.00	52.75 3.08 0.00	56.36 3.64 0.00	76.68 3.23 0.00	87.92 3.54 0.00	84.70 2.31 0.00	68.93 1.29 0.00	66.11 0.91 0.00	61.09 0.48 0.00	61.09 0.30 0.00	65.84 0.26 0.00	70.51 0.42 0.00	77.97 2.05 0.00	100.85 3.13 0.00	140.91 5.16 0.00	121.18 4.55 0.00	109.07 3.69 0.00	91.60 3.18 0.00	81.71 2.46 0.00	74.03 2.23 0.00	68.81 2.39 0.00
IP___TICONDEROGA 23804	52.96 4.64 0.00	49.47 4.21 0.00	47.66 3.98 0.00	49.83 4.24 0.00	54.34 4.67 0.00	58.31 5.59 0.00	79.77 6.32 0.00	91.72 7.34 0.00	88.41 6.01 0.00	71.50 3.86 0.00	68.39 3.19 0.00	62.91 2.30 0.00	62.79 2.01 0.00	67.88 2.30 0.00	73.04 2.94 0.00	81.08 5.16 0.00	105.34 7.62 0.00	147.83 12.08 0.00	126.89 10.26 0.00	113.91 8.54 0.00	95.67 7.25 0.00	84.96 5.71 0.00	76.90 5.10 0.00	71.47 5.05 0.00
ISLIP_RES_REC 323679	52.52 4.20 0.00	48.75 3.49 0.00	46.88 3.19 0.00	48.47 2.87 0.00	53.00 3.33 0.00	57.10 4.37 0.00	78.74 5.29 0.00	91.13 6.75 0.00	84.47 2.64 0.56	67.98 0.68 0.34	66.22 1.37 0.35	61.19 0.85 0.27	61.35 0.85 0.29	66.67 1.44 0.35	71.29 1.61 0.41	80.70 4.79 0.00	105.75 8.01 -0.01	141.86 6.11 0.00	125.27 8.63 -0.01	113.82 8.43 -0.01	102.43 7.25 -6.75	100.40 6.42 -14.73	77.91 6.10 -0.01	72.14 5.71 -0.01

JAMAICA__27_KV_LOAD 355505	50.69 2.37 0.00	47.16 1.90 0.00	45.30 1.62 0.00	47.19 1.60 0.00	51.26 1.59 0.00	54.94 2.21 0.00	76.90 3.45 0.00	88.60 4.22 0.00	84.22 2.39 0.57	69.81 2.50 0.34	66.35 1.50 0.35	61.67 1.33 0.27	61.96 1.46 0.29	66.41 1.18 0.35	70.59 0.91 0.41	77.97 2.05 0.00	100.75 3.03 0.00	139.82 4.07 0.00	121.06 4.43 0.00	109.07 3.69 0.00	91.25 2.83 0.00	81.63 2.38 0.00	74.46 2.66 0.00	68.95 2.52 0.00
JANIS__SOLAR 323808	49.34 1.02 0.00	46.26 0.99 0.00	44.69 1.01 0.00	46.64 1.05 0.00	51.01 1.34 0.00	54.36 1.64 0.00	76.61 3.16 0.00	87.50 3.12 0.00	65.64 3.62 20.38	57.90 2.57 12.31	54.63 1.95 12.52	52.73 1.76 9.64	52.19 1.76 10.36	55.20 2.23 12.61	57.94 2.66 14.81	79.25 3.34 0.00	102.70 4.98 0.00	143.21 7.46 0.00	122.69 6.06 0.00	110.44 5.06 0.00	92.05 3.63 0.00	82.34 3.09 0.00	74.10 2.30 0.00	68.41 1.99 0.00
JARVIS____ 23743	48.47 0.15 0.00	45.40 0.14 0.00	43.82 0.13 0.00	45.73 0.14 0.00	49.82 0.15 0.00	52.88 0.16 0.00	73.67 0.22 0.00	84.72 0.34 0.00	80.08 0.00 2.32	66.18 -0.07 1.40	63.71 -0.07 1.42	59.39 -0.12 1.10	59.49 -0.12 1.18	64.02 -0.13 1.43	68.27 -0.14 1.68	76.07 0.15 0.00	98.02 0.29 0.00	136.16 0.41 0.00	116.98 0.35 0.00	105.70 0.32 0.00	88.60 0.18 0.00	79.41 0.16 0.00	71.95 0.14 0.00	66.62 0.20 0.00
JENNISON____1 23625	49.43 1.11 0.00	46.35 1.09 0.00	44.74 1.05 0.00	46.69 1.09 0.00	51.01 1.34 0.00	54.30 1.58 0.00	76.54 3.08 0.00	87.67 3.29 0.00	69.55 3.63 16.47	60.40 2.71 9.95	57.29 2.22 10.12	54.94 2.12 7.79	54.60 2.19 8.38	58.14 2.75 10.20	61.34 3.22 11.97	79.56 3.64 0.00	102.90 5.18 0.00	143.62 7.87 0.00	122.69 6.06 0.00	110.65 5.27 0.00	92.40 3.98 0.00	82.50 3.25 0.00	74.39 2.59 0.00	68.41 1.99 0.00
JENNISON____2 23626	49.43 1.11 0.00	46.35 1.09 0.00	44.74 1.05 0.00	46.69 1.09 0.00	51.01 1.34 0.00	54.30 1.58 0.00	76.54 3.08 0.00	87.67 3.29 0.00	69.55 3.63 16.47	60.40 2.71 9.95	57.29 2.22 10.12	54.94 2.12 7.79	54.60 2.19 8.38	58.14 2.75 10.20	61.34 3.22 11.97	79.56 3.64 0.00	102.90 5.18 0.00	143.62 7.87 0.00	122.69 6.06 0.00	110.65 5.27 0.00	92.40 3.98 0.00	82.50 3.25 0.00	74.39 2.59 0.00	68.41 1.99 0.00
JERICOHO_RISE_WT_PWR 323719	47.65 -0.68 0.00	44.54 -0.73 0.00	42.90 -0.79 0.00	44.82 -0.78 0.00	48.93 -0.74 0.00	52.03 -0.69 0.00	72.72 -0.73 0.00	83.87 -0.50 0.00	80.66 -0.49 1.25	66.82 -0.07 0.75	64.76 0.33 0.77	60.56 0.54 0.59	60.88 0.73 0.63	65.79 0.99 0.77	70.51 1.33 0.91	77.51 1.60 0.00	99.97 2.25 0.00	139.55 3.80 0.00	119.66 3.03 0.00	108.23 2.85 0.00	91.17 2.74 0.00	81.55 2.30 0.00	73.75 1.94 0.00	68.01 1.59 0.00
KATONAH__115KV_46KV_TB4 355592	50.84 2.51 0.00	47.48 2.22 0.00	45.70 2.01 0.00	47.65 2.05 0.00	51.81 2.14 0.00	55.15 2.43 0.00	77.27 3.82 0.00	88.68 4.30 0.00	84.47 2.64 0.56	69.27 1.96 0.34	66.61 1.76 0.34	61.92 1.58 0.26	62.02 1.52 0.28	66.68 1.44 0.35	71.09 1.40 0.41	78.88 2.96 0.00	101.92 4.20 0.00	141.59 5.84 0.00	122.11 5.48 0.00	110.23 4.85 0.00	92.14 3.71 0.00	82.58 3.33 0.00	74.68 2.87 0.00	69.15 2.72 0.00
KCE_NY_1 323755	50.93 2.61 0.00	47.61 2.35 0.00	45.91 2.23 0.00	47.92 2.32 0.00	52.21 2.53 0.00	55.62 2.90 0.00	76.90 3.45 0.00	88.18 3.80 0.00	85.03 2.64 0.00	69.27 1.62 0.00	66.50 1.30 0.00	61.57 0.97 0.00	61.57 0.79 0.00	66.50 0.92 0.00	71.21 1.12 0.00	78.50 2.58 0.00	101.53 3.81 0.00	141.45 5.70 0.00	121.53 4.90 0.00	109.70 4.32 0.00	92.05 3.63 0.00	82.26 3.01 0.00	74.53 2.73 0.00	69.15 2.72 0.00
KCE_NY_6_ESR 323823	46.54 -1.79 0.00	44.13 -1.13 0.00	42.60 -1.09 0.00	44.77 -0.82 0.00	48.98 -0.70 0.00	51.30 -1.42 0.00	69.93 -3.52 0.00	80.33 -4.05 0.00	67.40 -0.82 14.17	59.21 0.14 8.57	56.48 0.00 8.72	54.14 0.24 6.71	53.93 0.37 7.22	57.26 0.46 8.78	60.13 0.35 10.31	73.26 -2.66 0.00	92.94 -4.79 0.00	127.06 -8.69 0.00	109.40 -7.23 0.00	98.32 -7.06 0.00	82.41 -6.02 0.00	74.58 -4.68 0.00	68.07 -3.74 0.00	63.57 -2.85 0.00
KEDC_PORT_JEFF_GT2 24210	52.14 3.82 0.00	48.38 3.12 0.00	46.57 2.88 0.00	48.15 2.55 0.00	52.65 2.98 0.00	56.68 3.96 0.00	78.08 4.63 0.00	90.37 5.99 0.00	83.81 1.97 0.56	67.44 0.14 0.34	65.69 0.85 0.35	60.77 0.43 0.27	60.93 0.43 0.29	66.15 0.92 0.35	70.73 1.05 0.41	80.01 4.10 0.00	104.77 7.04 -0.01	139.42 3.67 0.00	123.63 7.00 -0.01	112.34 6.95 -0.01	101.45 6.28 -6.75	99.69 5.71 -14.73	77.34 5.53 -0.01	71.55 5.11 -0.01
KEDC_PORT_JEFF_GT3 24211	52.14 3.82 0.00	48.38 3.12 0.00	46.57 2.88 0.00	48.15 2.55 0.00	52.65 2.98 0.00	56.68 3.96 0.00	78.08 4.63 0.00	90.37 5.99 0.00	83.81 1.97 0.56	67.44 0.14 0.34	65.69 0.85 0.35	60.77 0.43 0.27	60.93 0.43 0.29	66.15 0.92 0.35	70.73 1.05 0.41	80.01 4.10 0.00	104.77 7.04 -0.01	139.42 3.67 0.00	123.63 7.00 -0.01	112.34 6.95 -0.01	101.45 6.28 -6.75	99.69 5.71 -14.73	77.34 5.53 -0.01	71.55 5.11 -0.01
KEDC_GLWD_GT4 24219	51.42 3.10 0.00	47.89 2.62 0.00	46.05 2.36 0.00	47.87 2.28 0.00	52.16 2.48 0.00	55.73 3.00 0.00	77.78 4.33 0.00	89.52 5.15 0.00	84.55 2.72 0.56	69.00 1.69 0.34	66.80 1.95 0.35	61.98 1.64 0.27	62.20 1.70 0.29	67.14 1.90 0.35	71.50 1.82 0.41	79.71 3.79 0.00	103.10 5.37 -0.01	142.00 6.25 0.00	123.05 6.41 -0.01	111.29 5.90 -0.01	99.68 4.51 -6.76	98.02 4.04 -14.73	75.55 3.73 -0.01	69.82 3.39 -0.01
KEDC_GLWD_GT5 24220	51.42 3.10 0.00	47.89 2.62 0.00	46.05 2.36 0.00	47.87 2.28 0.00	52.16 2.48 0.00	55.73 3.00 0.00	77.78 4.33 0.00	89.52 5.15 0.00	84.55 2.72 0.56	69.00 1.69 0.34	66.80 1.95 0.35	61.98 1.64 0.27	62.20 1.70 0.29	67.14 1.90 0.35	71.50 1.82 0.41	79.71 3.79 0.00	103.10 5.37 -0.01	142.00 6.25 0.00	123.05 6.41 -0.01	111.29 5.90 -0.01	99.68 4.51 -6.76	98.02 4.04 -14.73	75.55 3.73 -0.01	69.82 3.39 -0.01
KENSICO____ 23655	50.59 2.27 0.00	47.25 1.99 0.00	45.48 1.79 0.00	47.37 1.78 0.00	51.51 1.84 0.00	54.83 2.11 0.00	76.68 3.23 0.00	88.09 3.71 0.00	83.80 1.98 0.57	68.79 1.49 0.35	66.15 1.30 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.28 1.05 0.35	70.59 0.91 0.42	78.27 2.35 0.00	101.14 3.42 0.00	140.09 4.34 0.00	121.06 4.43 0.00	109.17 3.79 0.00	91.34 2.92 0.00	81.87 2.62 0.00	74.10 2.30 0.00	68.68 2.26 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.88 2.56 0.00	47.53 2.26 0.00	45.74 2.05 0.00	47.74 2.14 0.00	52.06 2.38 0.00	55.25 2.53 0.00	77.64 4.19 0.00	89.35 4.98 0.00	85.02 3.21 0.59	69.45 2.16 0.36	66.53 1.70 0.36	61.78 1.45 0.28	61.94 1.46 0.30	66.72 1.51 0.37	71.20 1.54 0.43	78.95 3.04 0.00	102.51 4.79 0.00	142.81 7.06 0.00	123.04 6.41 0.00	111.17 5.80 0.00	92.93 4.51 0.00	83.14 3.88 0.00	75.11 3.30 0.00	69.41 2.99 0.00

KIAC_JFK_GT1 23816	50.40 2.08 0.00	46.94 1.67 0.00	45.09 1.40 0.00	46.96 1.37 0.00	51.01 1.34 0.00	54.62 1.90 0.00	76.17 2.72 0.00	87.75 3.38 0.00	83.40 1.57 0.57	69.40 2.10 0.34	65.96 1.11 0.35	61.31 0.97 0.27	61.53 1.03 0.29	66.02 0.79 0.35	70.17 0.49 0.41	77.21 1.29 0.00	99.77 2.05 0.00	138.47 2.72 0.00	119.89 3.27 0.00	107.91 2.53 0.00	90.37 1.95 0.00	80.76 1.51 0.00	73.75 1.94 0.00	68.55 2.13 0.00
KIAC_JFK_GT2 23817	50.40 2.08 0.00	46.94 1.67 0.00	45.09 1.40 0.00	46.96 1.37 0.00	51.01 1.34 0.00	54.62 1.90 0.00	76.17 2.72 0.00	87.75 3.38 0.00	83.40 1.57 0.57	69.40 2.10 0.34	65.96 1.11 0.35	61.31 0.97 0.27	61.53 1.03 0.29	66.02 0.79 0.35	70.17 0.49 0.41	77.21 1.29 0.00	99.77 2.05 0.00	138.47 2.72 0.00	119.89 3.27 0.00	107.91 2.53 0.00	90.37 1.95 0.00	80.76 1.51 0.00	73.75 1.94 0.00	68.55 2.13 0.00
KIAC_JFK____ 323774	50.40 2.08 0.00	46.94 1.68 0.00	45.09 1.40 0.00	46.92 1.32 0.00	51.01 1.34 0.00	54.62 1.90 0.00	76.17 2.72 0.00	87.75 3.38 0.00	83.39 1.56 0.57	69.40 2.10 0.34	65.95 1.11 0.35	61.31 0.97 0.27	61.53 1.03 0.29	66.02 0.79 0.35	70.18 0.49 0.41	77.13 1.21 0.00	99.78 2.06 0.00	138.46 2.71 0.00	119.66 3.03 0.00	107.90 2.52 0.00	90.36 1.94 0.00	80.75 1.50 0.00	73.75 1.94 0.00	68.41 1.99 0.00
KINTIGH__24_KV_GSU 356498	46.29 -2.03 0.00	43.77 -1.49 0.00	42.25 -1.44 0.00	44.27 -1.32 0.00	48.33 -1.34 0.00	50.61 -2.11 0.00	69.05 -4.41 0.00	79.14 -5.23 0.00	65.44 -4.04 12.92	57.34 -2.50 7.80	54.72 -2.54 7.93	52.32 -2.18 6.11	52.03 -2.19 6.57	55.29 -2.30 7.99	58.25 -2.46 9.39	72.20 -3.72 0.00	91.66 -6.06 0.00	125.71 -10.04 0.00	108.12 -8.51 0.00	97.37 -8.01 0.00	81.70 -6.72 0.00	73.78 -5.47 0.00	67.28 -4.52 0.00	62.83 -3.59 0.00
KINTIGH____ 23543	46.29 -2.03 0.00	43.77 -1.49 0.00	42.25 -1.44 0.00	44.18 -1.41 0.00	48.33 -1.34 0.00	50.61 -2.11 0.00	69.04 -4.41 0.00	79.14 -5.23 0.00	65.44 -4.04 12.92	57.34 -2.50 7.80	54.72 -2.54 7.93	52.32 -2.18 6.11	51.85 -2.37 6.57	55.29 -2.30 7.99	58.25 -2.45 9.39	72.05 -3.87 0.00	91.08 -6.65 0.00	125.57 -10.18 0.00	106.83 -9.80 0.00	97.26 -8.11 0.00	81.70 -6.72 0.00	73.78 -5.47 0.00	67.28 -4.52 0.00	62.30 -4.12 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	48.47 0.14 0.00	45.31 0.05 0.00	43.60 -0.09 0.00	45.64 0.05 0.00	49.82 0.15 0.00	53.04 0.32 0.00	74.19 0.73 0.00	85.56 1.18 0.00	82.48 1.15 1.07	68.15 1.15 0.65	65.97 1.43 0.66	61.68 1.58 0.51	62.01 1.76 0.54	67.08 2.16 0.66	71.84 2.52 0.78	78.80 2.88 0.00	102.12 4.40 0.00	142.95 7.19 0.00	122.23 5.60 0.00	110.65 5.27 0.00	93.11 4.69 0.00	83.21 3.96 0.00	75.18 3.37 0.00	69.28 2.86 0.00
LACHUTE____HYDRO 323717	52.96 4.64 0.00	49.47 4.21 0.00	47.66 3.98 0.00	49.83 4.24 0.00	54.34 4.67 0.00	58.31 5.59 0.00	79.77 6.32 0.00	91.71 7.34 0.00	88.41 6.01 0.00	71.50 3.85 0.00	68.39 3.19 0.00	62.91 2.30 0.00	62.79 2.00 0.00	67.88 2.29 0.00	73.04 2.94 0.00	81.08 5.16 0.00	105.44 7.72 0.00	147.83 12.08 0.00	126.77 10.14 0.00	113.91 8.53 0.00	95.67 7.25 0.00	84.96 5.71 0.00	76.91 5.10 0.00	71.47 5.05 0.00
LAWRNCALV_115KV_TB1 80681	48.37 0.05 0.00	45.44 0.18 0.00	43.78 0.09 0.00	45.82 0.23 0.00	50.02 0.35 0.00	52.93 0.21 0.00	74.04 0.59 0.00	84.97 0.59 0.00	79.59 0.25 3.05	66.41 0.61 1.84	64.17 0.85 1.88	60.01 0.85 1.44	60.21 0.97 1.55	64.87 1.18 1.89	68.92 1.05 2.22	76.90 0.99 0.00	99.19 1.47 0.00	138.47 2.72 0.00	118.50 1.87 0.00	107.17 1.79 0.00	90.28 1.86 0.00	80.92 1.66 0.00	73.39 1.58 0.00	67.75 1.33 0.00
LEDERLE____ 23769	50.50 2.17 0.00	47.12 1.86 0.00	45.35 1.66 0.00	47.28 1.69 0.00	51.46 1.79 0.00	54.73 2.00 0.00	76.61 3.16 0.00	88.00 3.63 0.00	83.62 1.81 0.59	68.64 1.35 0.36	65.94 1.11 0.36	61.30 0.97 0.28	61.46 0.97 0.30	66.07 0.85 0.36	70.44 0.77 0.43	78.04 2.13 0.00	100.95 3.22 0.00	139.96 4.21 0.00	120.83 4.20 0.00	109.07 3.69 0.00	91.25 2.83 0.00	81.79 2.54 0.00	73.96 2.15 0.00	68.48 2.06 0.00
LIGHTHSE_115KV_TB6 355974	47.16 -1.16 0.00	44.18 -1.09 0.00	42.68 -1.00 0.00	44.50 -1.09 0.00	48.53 -1.14 0.00	51.46 -1.27 0.00	71.84 -1.62 0.00	82.69 -1.69 0.00	56.84 -2.14 23.41	51.74 -1.76 14.15	49.11 -1.70 14.38	48.02 -1.52 11.07	47.36 -1.52 11.91	49.58 -1.51 14.49	51.53 -1.54 17.02	74.70 -1.21 0.00	96.06 -1.66 0.00	134.12 -1.63 0.00	114.76 -1.87 0.00	103.69 -1.69 0.00	86.74 -1.68 0.00	77.75 -1.51 0.00	70.51 -1.29 0.00	65.09 -1.33 0.00
LINDEN COGEN____ 23786	50.64 2.32 0.00	47.25 1.99 0.00	45.44 1.75 0.00	47.33 1.73 0.00	51.41 1.74 0.00	54.72 2.00 0.00	76.68 3.23 0.00	88.18 3.80 0.00	83.81 1.97 0.57	69.00 1.69 0.34	66.35 1.50 0.35	61.67 1.33 0.27	61.83 1.34 0.29	66.47 1.24 0.35	70.66 0.98 0.41	78.19 2.28 0.00	101.05 3.32 0.00	139.82 4.07 0.00	120.60 3.97 0.00	108.96 3.58 0.00	91.07 2.65 0.00	81.71 2.46 0.00	74.03 2.23 0.00	68.41 1.99 0.00
LINDHRST_69_KV_BK1 356055	52.48 4.16 0.00	48.75 3.49 0.00	46.88 3.19 0.00	48.65 3.05 0.00	53.00 3.33 0.00	56.94 4.22 0.00	79.18 5.73 0.00	91.46 7.09 0.00	85.46 3.63 0.56	69.13 1.83 0.34	67.19 2.35 0.35	62.16 1.82 0.27	62.50 2.01 0.29	67.53 2.30 0.35	72.13 2.45 0.41	81.31 5.39 0.00	105.44 7.72 0.00	143.62 7.87 0.00	125.84 9.21 0.00	113.91 8.54 0.00	101.99 6.81 -6.76	100.09 6.10 -14.73	77.62 5.82 0.00	71.87 5.45 0.00
LIPA_MISC_IPP 23656	52.14 3.82 0.00	48.39 3.12 0.00	46.57 2.88 0.00	48.24 2.64 0.00	52.65 2.98 0.00	56.62 3.90 0.00	77.42 3.97 0.00	89.78 5.40 0.00	82.74 0.91 0.56	66.63 -0.68 0.34	64.85 0.00 0.35	59.91 -0.42 0.27	60.19 -0.30 0.29	65.17 -0.07 0.35	69.89 0.21 0.41	79.41 3.49 0.00	104.86 7.13 0.00	140.37 4.62 0.00	124.68 8.05 0.00	112.97 7.59 0.00	101.72 6.54 -6.75	99.85 5.86 -14.73	77.55 5.74 0.00	71.87 5.45 0.00
LISF____SOLAR 323691	52.23 3.91 0.00	48.48 3.21 0.00	46.66 2.97 0.00	48.24 2.64 0.00	52.75 3.08 0.00	56.78 4.06 0.00	77.56 4.11 0.00	89.86 5.48 0.00	82.82 0.99 0.56	66.63 -0.68 0.34	64.91 0.07 0.35	59.98 -0.36 0.27	60.14 -0.36 0.29	65.36 0.13 0.35	69.96 0.28 0.41	79.49 3.57 0.00	105.15 7.42 -0.01	140.78 5.03 0.00	124.68 8.04 -0.01	113.29 7.91 -0.01	101.99 6.81 -6.75	100.09 6.10 -14.73	77.70 5.89 -0.01	71.88 5.45 -0.01
LITTLE FALLS____HYD 24013	51.90 3.58 0.00	48.61 3.35 0.00	46.83 3.15 0.00	48.88 3.28 0.00	53.25 3.58 0.00	56.46 3.74 0.00	78.74 5.29 0.00	90.70 6.33 0.00	86.34 6.26 2.32	71.59 5.34 1.40	69.12 5.35 1.42	64.60 5.09 1.10	64.84 5.23 1.18	69.92 5.77 1.43	74.65 6.24 1.68	82.75 6.83 0.00	106.52 8.80 0.00	148.10 12.35 0.00	127.24 10.61 0.00	114.97 9.59 0.00	96.38 7.96 0.00	86.38 7.13 0.00	78.63 6.82 0.00	72.73 6.31 0.00

LITTLRIV_115KV_TB1 356100	48.85 0.53 0.00	45.90 0.63 0.00	44.21 0.52 0.00	46.28 0.68 0.00	50.52 0.84 0.00	53.51 0.79 0.00	74.99 1.54 0.00	86.15 1.77 0.00	80.45 1.32 3.26	67.09 1.42 1.97	64.69 1.50 2.01	60.46 1.39 1.54	60.71 1.58 1.66	65.46 1.90 2.02	69.61 1.89 2.37	77.82 1.90 0.00	100.56 2.83 0.00	140.64 4.89 0.00	120.24 3.62 0.00	108.65 3.27 0.00	91.60 3.18 0.00	81.95 2.69 0.00	74.32 2.51 0.00	68.55 2.13 0.00
LI_NEWBRDGE___DRP 323616	51.42 3.09 0.00	47.80 2.53 0.00	45.96 2.27 0.00	47.74 2.14 0.00	52.01 2.33 0.00	55.78 3.06 0.00	77.64 4.19 0.00	89.52 5.15 0.00	83.97 2.14 0.56	68.12 0.81 0.34	66.15 1.30 0.35	61.25 0.91 0.27	61.53 1.03 0.29	66.41 1.18 0.35	70.87 1.19 0.41	79.64 3.72 0.00	102.90 5.18 0.00	140.77 5.02 0.00	122.93 6.30 0.00	110.96 5.59 0.00	99.51 4.33 -6.75	97.95 3.96 -14.73	75.76 3.95 0.00	70.21 3.79 0.00
LOCKPORT_115KV_TB60_63_64 80432	46.53 -1.79 0.00	44.13 -1.13 0.00	42.60 -1.09 0.00	44.64 -0.96 0.00	48.83 -0.84 0.00	50.56 -2.16 0.00	68.24 -5.22 0.00	78.39 -5.99 0.00	65.76 -3.05 13.58	57.88 -1.56 8.21	55.21 -1.63 8.35	52.90 -1.27 6.43	52.41 -1.46 6.91	55.86 -1.31 8.41	58.81 -1.40 9.88	71.29 -4.63 0.00	89.71 -8.01 0.00	123.53 -12.22 0.00	104.97 -11.66 0.00	95.68 -9.69 0.00	80.38 -8.05 0.00	72.75 -6.50 0.00	66.49 -5.31 0.00	61.91 -4.52 0.00
LOCKPORT___CC1 323769	46.44 -1.89 0.00	44.09 -1.18 0.00	42.51 -1.18 0.00	44.63 -0.96 0.00	48.78 -0.89 0.00	50.56 -2.16 0.00	68.09 -5.36 0.00	78.22 -6.16 0.00	65.35 -3.46 13.59	57.53 -1.89 8.22	54.94 -1.89 8.36	52.60 -1.58 6.43	52.41 -1.46 6.92	55.59 -1.57 8.42	58.46 -1.75 9.89	71.21 -4.71 0.00	90.20 -7.52 0.00	123.13 -12.62 0.00	106.13 -10.50 0.00	95.47 -9.91 0.00	80.20 -8.22 0.00	72.60 -6.66 0.00	66.35 -5.46 0.00	62.50 -3.92 0.00
LOCKPORT___CC2 323770	46.44 -1.89 0.00	44.09 -1.18 0.00	42.51 -1.18 0.00	44.63 -0.96 0.00	48.78 -0.89 0.00	50.56 -2.16 0.00	68.09 -5.36 0.00	78.22 -6.16 0.00	65.35 -3.46 13.59	57.53 -1.89 8.22	54.94 -1.89 8.36	52.60 -1.58 6.43	52.41 -1.46 6.92	55.59 -1.57 8.42	58.46 -1.75 9.89	71.21 -4.71 0.00	90.20 -7.52 0.00	123.13 -12.62 0.00	106.13 -10.50 0.00	95.47 -9.91 0.00	80.20 -8.22 0.00	72.60 -6.66 0.00	66.35 -5.46 0.00	62.50 -3.92 0.00
LOCKPORT___CC3 323771	46.44 -1.89 0.00	44.09 -1.18 0.00	42.51 -1.18 0.00	44.63 -0.96 0.00	48.78 -0.89 0.00	50.56 -2.16 0.00	68.09 -5.36 0.00	78.22 -6.16 0.00	65.35 -3.46 13.59	57.53 -1.89 8.22	54.94 -1.89 8.36	52.60 -1.58 6.43	52.41 -1.46 6.92	55.59 -1.57 8.42	58.46 -1.75 9.89	71.21 -4.71 0.00	90.20 -7.52 0.00	123.13 -12.62 0.00	106.13 -10.50 0.00	95.47 -9.91 0.00	80.20 -8.22 0.00	72.60 -6.66 0.00	66.35 -5.46 0.00	62.50 -3.92 0.00
LOCUSVLY_69_KV_BK2 55797	51.71 3.38 0.00	48.11 2.85 0.00	46.27 2.58 0.00	48.10 2.51 0.00	52.36 2.68 0.00	55.99 3.27 0.00	78.08 4.63 0.00	90.03 5.65 0.00	84.80 2.97 0.56	69.00 1.69 0.34	66.87 2.02 0.35	62.04 1.70 0.27	62.32 1.82 0.29	67.20 1.97 0.35	71.64 1.96 0.41	80.17 4.25 0.00	103.68 5.96 0.00	142.40 6.65 0.00	123.98 7.35 0.00	111.91 6.53 0.00	100.22 5.04 -6.76	98.50 4.52 -14.73	76.04 4.24 0.00	70.41 3.99 0.00
LONG_LAKE_PHOENIX 24014	46.92 -1.40 0.00	44.00 -1.27 0.00	42.51 -1.18 0.00	44.36 -1.23 0.00	48.33 -1.34 0.00	51.25 -1.48 0.00	71.47 -1.98 0.00	81.93 -2.45 0.00	51.98 -2.88 27.53	48.64 -2.37 16.64	45.93 -2.35 16.92	45.40 -2.18 13.02	44.53 -2.25 14.00	46.18 -2.36 17.04	47.49 -2.59 20.01	73.79 -2.13 0.00	94.69 -3.03 0.00	131.68 -4.07 0.00	112.90 -3.73 0.00	102.11 -3.27 0.00	85.42 -3.01 0.00	76.64 -2.62 0.00	69.44 -2.37 0.00	64.23 -2.19 0.00
LOVETT___3 23632	50.30 1.98 0.00	46.98 1.72 0.00	45.22 1.53 0.00	47.14 1.55 0.00	51.26 1.59 0.00	54.51 1.79 0.00	76.24 2.79 0.00	87.58 3.21 0.00	83.13 1.32 0.58	68.24 0.95 0.35	65.62 0.78 0.36	61.00 0.67 0.28	61.16 0.67 0.30	65.74 0.52 0.36	70.09 0.42 0.42	77.66 1.75 0.00	100.36 2.64 0.00	139.14 3.39 0.00	120.13 3.50 0.00	108.43 3.06 0.00	90.81 2.39 0.00	81.39 2.14 0.00	73.60 1.80 0.00	68.22 1.79 0.00
LOVETT___4 23642	50.30 1.98 0.00	46.98 1.72 0.00	45.22 1.53 0.00	47.14 1.55 0.00	51.26 1.59 0.00	54.51 1.79 0.00	76.24 2.79 0.00	87.58 3.21 0.00	83.13 1.32 0.58	68.24 0.95 0.35	65.62 0.78 0.36	61.00 0.67 0.28	61.16 0.67 0.30	65.74 0.52 0.36	70.09 0.42 0.42	77.66 1.75 0.00	100.36 2.64 0.00	139.14 3.39 0.00	120.13 3.50 0.00	108.43 3.06 0.00	90.81 2.39 0.00	81.39 2.14 0.00	73.60 1.80 0.00	68.22 1.79 0.00
LOVETT___5 23593	50.30 1.98 0.00	46.98 1.72 0.00	45.22 1.53 0.00	47.14 1.55 0.00	51.26 1.59 0.00	54.51 1.79 0.00	76.24 2.79 0.00	87.58 3.21 0.00	83.13 1.32 0.58	68.24 0.95 0.35	65.62 0.78 0.36	61.00 0.67 0.28	61.16 0.67 0.30	65.74 0.52 0.36	70.09 0.42 0.42	77.66 1.75 0.00	100.36 2.64 0.00	139.14 3.39 0.00	120.13 3.50 0.00	108.43 3.06 0.00	90.81 2.39 0.00	81.39 2.14 0.00	73.60 1.80 0.00	68.22 1.79 0.00
LOWER RAQUET___HYD 24057	48.23 -0.10 0.00	45.35 0.09 0.00	43.69 0.00 0.00	45.73 0.14 0.00	49.92 0.25 0.00	52.77 0.05 0.00	73.90 0.44 0.00	84.72 0.34 0.00	78.93 0.00 3.46	66.03 0.48 2.09	63.79 0.72 2.13	59.70 0.73 1.64	59.88 0.85 1.76	64.55 1.11 2.14	68.48 0.91 2.52	76.68 0.76 0.00	98.70 0.98 0.00	138.20 2.45 0.00	118.26 1.63 0.00	106.85 1.47 0.00	90.01 1.59 0.00	80.68 1.43 0.00	73.24 1.44 0.00	67.62 1.20 0.00
LOWER___HUDSON 24059	50.40 2.08 0.00	47.12 1.86 0.00	45.44 1.75 0.00	47.42 1.83 0.00	51.61 1.94 0.00	54.83 2.11 0.00	76.17 2.72 0.00	87.16 2.78 0.00	84.04 1.65 0.00	68.59 0.95 0.00	65.91 0.72 0.00	61.15 0.54 0.00	61.27 0.48 0.00	66.04 0.46 0.00	70.59 0.49 0.00	77.74 1.82 0.00	100.36 2.64 0.00	139.42 3.67 0.00	119.89 3.26 0.00	108.44 3.06 0.00	90.89 2.47 0.00	81.39 2.14 0.00	73.81 2.01 0.00	68.41 1.99 0.00
LOWVILLE_115KV_TB2 356335	47.69 -0.63 0.00	44.72 -0.54 0.00	43.12 -0.57 0.00	45.00 -0.59 0.00	49.13 -0.55 0.00	52.14 -0.58 0.00	73.16 -0.29 0.00	85.47 1.10 0.00	75.29 0.82 7.93	64.01 1.15 4.79	61.56 1.24 4.87	57.95 1.09 3.75	57.91 1.15 4.03	62.25 1.57 4.91	66.15 1.82 5.76	78.19 2.28 0.00	101.44 3.71 0.00	142.00 6.24 0.00	121.53 4.90 0.00	109.38 4.00 0.00	91.60 3.18 0.00	82.18 2.93 0.00	74.25 2.44 0.00	67.82 1.39 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	50.88 2.56 0.00	47.57 2.31 0.00	45.87 2.18 0.00	47.92 2.33 0.00	52.16 2.48 0.00	55.57 2.85 0.00	76.83 3.38 0.00	88.17 3.80 0.00	85.03 2.64 0.00	69.27 1.62 0.00	66.43 1.24 0.00	61.51 0.91 0.00	61.58 0.79 0.00	66.43 0.85 0.00	71.14 1.05 0.00	78.50 2.58 0.00	101.44 3.71 0.00	141.32 5.57 0.00	121.64 5.02 0.00	109.59 4.22 0.00	91.96 3.54 0.00	82.18 2.93 0.00	74.46 2.66 0.00	69.15 2.72 0.00

LUTHERNY_35_KV_BK2 355980	50.93 2.61 0.00	47.62 2.35 0.00	45.92 2.23 0.00	47.92 2.33 0.00	52.21 2.53 0.00	55.62 2.90 0.00	76.90 3.45 0.00	88.17 3.80 0.00	85.03 2.64 0.00	69.27 1.62 0.00	66.50 1.30 0.00	61.58 0.97 0.00	61.64 0.85 0.00	66.50 0.92 0.00	71.21 1.12 0.00	78.50 2.58 0.00	101.44 3.71 0.00	141.45 5.70 0.00	121.76 5.13 0.00	109.70 4.32 0.00	92.05 3.63 0.00	82.26 3.01 0.00	74.53 2.73 0.00	69.15 2.72 0.00
LWR___OSWEGATCHIE_HYD 23850	47.69 -0.63 0.00	44.76 -0.50 0.00	43.16 -0.52 0.00	45.09 -0.50 0.00	49.23 -0.45 0.00	51.93 -0.79 0.00	72.72 -0.73 0.00	84.04 -0.34 0.00	75.15 -0.66 6.59	63.53 -0.14 3.98	61.60 0.46 4.05	57.85 0.36 3.12	57.92 0.49 3.35	62.29 0.79 4.08	66.07 0.77 4.79	76.52 0.61 0.00	98.80 1.07 0.00	138.33 2.58 0.00	118.38 1.75 0.00	106.75 1.37 0.00	89.66 1.24 0.00	80.76 1.51 0.00	73.17 1.36 0.00	67.29 0.86 0.00
LYONS_FALL_HYD 23570	48.23 -0.10 0.00	45.17 -0.09 0.00	43.60 -0.09 0.00	45.50 -0.09 0.00	49.62 -0.05 0.00	52.72 0.00 0.00	73.97 0.52 0.00	86.40 2.02 0.00	77.86 1.73 6.27	65.48 1.62 3.79	62.91 1.56 3.85	59.04 1.40 2.96	59.12 1.52 3.19	63.61 1.90 3.88	67.71 2.18 4.56	78.65 2.73 0.00	102.02 4.29 0.00	142.54 6.78 0.00	122.11 5.48 0.00	109.91 4.53 0.00	92.05 3.63 0.00	82.43 3.17 0.00	74.53 2.73 0.00	68.28 1.86 0.00
MADISON___COUNTY_LFGE 323628	49.05 0.72 0.00	45.99 0.72 0.00	44.39 0.70 0.00	46.32 0.73 0.00	50.57 0.89 0.00	53.78 1.05 0.00	75.36 1.91 0.00	85.98 1.60 0.00	68.17 1.40 15.63	59.15 0.95 9.44	56.25 0.65 9.60	53.82 0.61 7.39	53.39 0.55 7.95	56.63 0.72 9.67	59.50 0.77 11.36	77.28 1.37 0.00	99.48 1.76 0.00	138.33 2.58 0.00	118.50 1.87 0.00	106.96 1.58 0.00	89.57 1.15 0.00	80.20 0.95 0.00	72.52 0.72 0.00	67.02 0.60 0.00
MALONE___115KV_TB1 356076	48.42 0.10 0.00	45.35 0.09 0.00	43.64 -0.04 0.00	45.73 0.14 0.00	49.97 0.30 0.00	53.09 0.37 0.00	74.26 0.81 0.00	85.56 1.18 0.00	81.66 1.07 1.80	67.71 1.15 1.09	65.52 1.43 1.11	61.27 1.52 0.85	61.57 1.70 0.92	66.50 2.03 1.12	71.02 2.24 1.31	78.50 2.58 0.00	101.73 4.01 0.00	142.40 6.65 0.00	121.76 5.13 0.00	110.23 4.85 0.00	92.75 4.33 0.00	82.90 3.65 0.00	74.89 3.09 0.00	69.01 2.59 0.00
MAPLEWOD_115KV_TB3 80458	50.11 1.79 0.00	46.85 1.58 0.00	45.22 1.53 0.00	47.19 1.60 0.00	51.31 1.64 0.00	54.51 1.79 0.00	75.51 2.06 0.00	86.65 2.28 0.00	83.55 1.15 0.00	68.19 0.54 0.00	65.72 0.52 0.00	61.03 0.42 0.00	61.15 0.36 0.00	65.91 0.33 0.00	70.30 0.21 0.00	77.44 1.52 0.00	99.77 2.05 0.00	138.74 2.99 0.00	119.43 2.80 0.00	107.70 2.32 0.00	90.37 1.95 0.00	80.92 1.66 0.00	73.39 1.58 0.00	68.22 1.79 0.00
MAPLE_RIDGE_WT_1 323574	46.92 -1.40 0.00	44.04 -1.22 0.00	42.60 -1.09 0.00	44.50 -1.09 0.00	48.63 -1.05 0.00	51.88 -0.85 0.00	72.72 -0.73 0.00	83.96 -0.42 0.00	80.90 -0.41 1.08	66.79 -0.20 0.66	64.40 -0.13 0.67	60.03 -0.06 0.51	60.23 0.00 0.55	64.91 0.00 0.67	69.37 0.07 0.79	76.15 0.23 0.00	98.02 0.29 0.00	136.30 0.55 0.00	117.10 0.47 0.00	105.70 0.32 0.00	88.69 0.27 0.00	79.33 0.08 0.00	71.73 -0.07 0.00	66.29 -0.13 0.00
MAPLE_RIDGE_WT_2 323611	46.92 -1.40 0.00	44.04 -1.22 0.00	42.60 -1.09 0.00	44.50 -1.09 0.00	48.63 -1.05 0.00	51.88 -0.85 0.00	72.72 -0.73 0.00	83.96 -0.42 0.00	80.90 -0.41 1.08	66.79 -0.20 0.66	64.40 -0.13 0.67	60.03 -0.06 0.51	60.23 0.00 0.55	64.91 0.00 0.67	69.37 0.07 0.79	76.15 0.23 0.00	98.02 0.29 0.00	136.30 0.55 0.00	117.10 0.47 0.00	105.70 0.32 0.00	88.69 0.27 0.00	79.33 0.08 0.00	71.73 -0.07 0.00	66.29 -0.13 0.00
MARBLE_RIVER_WT_PWR 323696	47.69 -0.63 0.00	44.59 -0.68 0.00	42.95 -0.74 0.00	44.86 -0.73 0.00	48.98 -0.70 0.00	52.09 -0.63 0.00	72.79 -0.66 0.00	83.96 -0.42 0.00	80.98 -0.41 1.01	66.97 -0.07 0.61	64.90 0.33 0.62	60.67 0.54 0.48	61.01 0.73 0.51	65.94 0.99 0.62	70.69 1.33 0.73	77.44 1.52 0.00	99.87 2.15 0.00	139.42 3.67 0.00	119.55 2.92 0.00	108.11 2.74 0.00	91.07 2.65 0.00	81.55 2.30 0.00	73.75 1.94 0.00	68.01 1.59 0.00
MARSHVLE_115KV_TB1 80742	48.27 -0.05 0.00	45.08 -0.18 0.00	43.43 -0.26 0.00	45.37 -0.23 0.00	49.52 -0.15 0.00	52.99 0.26 0.00	74.33 0.88 0.00	84.97 0.59 0.00	80.34 -2.06 0.00	64.06 -3.59 0.00	60.89 -4.30 0.00	55.88 -4.73 0.00	55.80 -4.98 0.00	60.53 -5.05 0.00	65.47 -4.63 0.00	74.63 -1.29 0.00	98.21 0.49 0.00	137.79 2.04 0.00	118.38 1.75 0.00	106.43 1.05 0.00	89.04 0.62 0.00	79.17 -0.08 0.00	72.09 0.29 0.00	66.75 0.33 0.00
MARSH_HILL_WT_PWR 323713	45.57 -2.75 0.00	43.14 -2.13 0.00	41.89 -1.79 0.00	44.13 -1.46 0.00	48.48 -1.19 0.00	51.56 -1.16 0.00	71.91 -1.55 0.00	81.93 -2.45 0.00	70.91 7.66 19.15	62.43 6.36 11.57	59.49 6.06 11.77	57.49 5.94 9.06	56.94 5.89 9.74	60.29 6.56 11.85	63.32 7.15 13.92	82.22 6.30 0.00	106.02 8.30 0.00	148.10 12.35 0.00	126.19 9.57 0.00	113.38 8.00 0.00	93.73 5.30 0.00	83.61 4.36 0.00	74.53 2.73 0.00	69.74 3.32 0.00
MCINTYRE_115KV_TB2 80467	49.29 0.97 0.00	46.26 1.00 0.00	44.56 0.87 0.00	46.64 1.05 0.00	50.92 1.24 0.00	54.04 1.32 0.00	75.80 2.35 0.00	87.08 2.70 0.00	81.68 2.22 2.94	67.83 1.96 1.78	65.28 1.89 1.81	61.03 1.82 1.39	61.23 1.95 1.50	66.05 2.30 1.82	70.47 2.52 2.14	78.65 2.73 0.00	101.83 4.10 0.00	142.27 6.52 0.00	121.76 5.13 0.00	110.02 4.64 0.00	92.67 4.24 0.00	82.90 3.65 0.00	75.04 3.23 0.00	69.21 2.79 0.00
MECO_____69_KV_BK1 80468	50.16 1.84 0.00	46.85 1.58 0.00	45.13 1.44 0.00	47.14 1.55 0.00	51.46 1.79 0.00	55.15 2.43 0.00	77.20 3.75 0.00	88.34 3.97 0.00	83.80 1.40 0.00	67.04 -0.61 0.00	63.69 -1.50 0.00	58.48 -2.12 0.00	58.42 -2.37 0.00	63.35 -2.23 0.00	68.69 -1.40 0.00	77.82 1.90 0.00	102.22 4.50 0.00	143.49 7.74 0.00	123.28 6.65 0.00	110.75 5.37 0.00	92.75 4.33 0.00	82.50 3.25 0.00	74.82 3.02 0.00	69.34 2.92 0.00
MENANDS___115KV_TB5 355628	49.92 1.59 0.00	46.71 1.45 0.00	45.09 1.40 0.00	47.05 1.46 0.00	51.11 1.44 0.00	54.30 1.58 0.00	75.14 1.69 0.00	86.15 1.77 0.00	83.06 0.66 0.00	67.85 0.20 0.00	65.46 0.26 0.00	60.85 0.24 0.00	60.97 0.18 0.00	65.71 0.13 0.00	70.02 -0.07 0.00	77.06 1.14 0.00	99.19 1.47 0.00	137.92 2.17 0.00	118.84 2.22 0.00	107.17 1.79 0.00	89.84 1.41 0.00	80.44 1.19 0.00	73.03 1.22 0.00	67.88 1.46 0.00
MG INDUSTRY___DRP 24185	49.87 1.55 0.00	46.71 1.45 0.00	45.04 1.35 0.00	47.01 1.41 0.00	51.16 1.49 0.00	54.30 1.58 0.00	75.29 1.84 0.00	86.32 1.94 0.00	83.30 0.91 0.00	67.98 0.34 0.00	65.46 0.26 0.00	60.79 0.18 0.00	60.97 0.18 0.00	65.71 0.13 0.00	70.09 0.00 0.00	77.06 1.14 0.00	99.38 1.66 0.00	138.19 2.44 0.00	118.96 2.33 0.00	107.38 2.00 0.00	90.01 1.59 0.00	80.68 1.43 0.00	73.24 1.44 0.00	68.08 1.66 0.00

MID___OSWEGATCHIE_HYD 23849	47.69 -0.63 0.00	44.76 -0.50 0.00	43.16 -0.52 0.00	45.09 -0.50 0.00	49.23 -0.45 0.00	51.93 -0.79 0.00	72.72 -0.73 0.00	84.04 -0.34 0.00	75.15 -0.66 6.59	63.53 -0.14 3.98	61.60 0.46 4.05	57.85 0.36 3.12	57.92 0.49 3.35	62.29 0.79 4.08	66.07 0.77 4.79	76.52 0.61 0.00	98.80 1.07 0.00	138.33 2.58 0.00	118.38 1.75 0.00	106.75 1.37 0.00	89.66 1.24 0.00	80.76 1.51 0.00	73.17 1.36 0.00	67.29 0.86 0.00
MID___RAQUETTE_HYD 23851	48.23 -0.10 0.00	45.35 0.09 0.00	43.69 0.00 0.00	45.73 0.14 0.00	49.92 0.25 0.00	52.77 0.05 0.00	73.89 0.44 0.00	84.71 0.34 0.00	78.93 0.00 3.46	66.03 0.47 2.09	63.78 0.72 2.13	59.70 0.73 1.64	59.88 0.85 1.76	64.55 1.11 2.14	68.49 0.91 2.52	76.68 0.76 0.00	98.90 1.17 0.00	138.19 2.44 0.00	118.26 1.63 0.00	106.85 1.48 0.00	90.01 1.59 0.00	80.68 1.43 0.00	73.24 1.44 0.00	67.62 1.20 0.00
MILLIKEN___1 23584	48.52 0.19 0.00	45.44 0.18 0.00	43.91 0.22 0.00	45.87 0.27 0.00	50.02 0.35 0.00	53.14 0.42 0.00	74.41 0.95 0.00	84.71 0.34 0.00	60.45 0.99 22.93	54.53 0.74 13.86	51.56 0.46 14.09	50.19 0.42 10.84	49.43 0.30 11.66	51.85 0.46 14.19	53.91 0.49 16.67	76.75 0.84 0.00	98.60 0.88 0.00	137.38 1.63 0.00	117.33 0.70 0.00	106.22 0.84 0.00	88.69 0.27 0.00	79.49 0.24 0.00	71.73 -0.07 0.00	66.22 -0.20 0.00
MILLIKEN___2 23585	48.52 0.19 0.00	45.44 0.18 0.00	43.91 0.22 0.00	45.87 0.27 0.00	50.02 0.35 0.00	53.14 0.42 0.00	74.41 0.95 0.00	84.71 0.34 0.00	60.45 0.99 22.93	54.53 0.74 13.86	51.56 0.46 14.09	50.19 0.42 10.84	49.43 0.30 11.66	51.85 0.46 14.19	53.91 0.49 16.67	76.75 0.84 0.00	98.60 0.88 0.00	137.38 1.63 0.00	117.33 0.70 0.00	106.22 0.84 0.00	88.69 0.27 0.00	79.49 0.24 0.00	71.73 -0.07 0.00	66.22 -0.20 0.00
MILLIKEN___DIESEL 23629	48.52 0.19 0.00	45.44 0.18 0.00	43.91 0.22 0.00	45.87 0.27 0.00	50.02 0.35 0.00	53.14 0.42 0.00	74.41 0.95 0.00	84.71 0.34 0.00	60.45 0.99 22.93	54.53 0.74 13.86	51.56 0.46 14.09	50.19 0.42 10.84	49.43 0.30 11.66	51.85 0.46 14.19	53.91 0.49 16.67	76.75 0.84 0.00	98.60 0.88 0.00	137.38 1.63 0.00	117.33 0.70 0.00	106.22 0.84 0.00	88.69 0.27 0.00	79.49 0.24 0.00	71.73 -0.07 0.00	66.22 -0.20 0.00
MILLSEAT___LFGE 323607	47.21 -1.11 0.00	44.77 -0.50 0.00	43.17 -0.52 0.00	45.28 -0.32 0.00	49.57 -0.10 0.00	51.56 -1.16 0.00	70.15 -3.30 0.00	80.75 -3.63 0.00	67.66 -1.23 13.50	59.21 -0.27 8.16	56.50 -0.39 8.30	54.03 -0.18 6.39	53.67 -0.24 6.87	56.96 -0.26 8.36	60.06 -0.21 9.82	73.34 -2.58 0.00	93.42 -4.30 0.00	128.02 -7.73 0.00	110.10 -6.53 0.00	99.06 -6.32 0.00	83.12 -5.30 0.00	75.05 -4.20 0.00	68.22 -3.59 0.00	63.97 -2.46 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.55 2.22 0.00	47.16 1.90 0.00	45.39 1.70 0.00	47.33 1.73 0.00	51.46 1.79 0.00	54.73 2.00 0.00	76.54 3.08 0.00	87.92 3.54 0.00	83.64 1.81 0.57	68.65 1.35 0.35	66.02 1.17 0.35	61.37 1.03 0.27	61.53 1.03 0.29	66.15 0.92 0.35	70.52 0.84 0.42	78.12 2.20 0.00	100.95 3.22 0.00	139.82 4.07 0.00	120.83 4.20 0.00	109.07 3.69 0.00	91.25 2.83 0.00	81.79 2.54 0.00	74.03 2.23 0.00	68.55 2.13 0.00
MILLWOOD_13_KV_LOAD 356217	50.59 2.27 0.00	47.25 1.99 0.00	45.48 1.79 0.00	47.42 1.82 0.00	51.56 1.89 0.00	54.83 2.11 0.00	76.76 3.31 0.00	88.17 3.80 0.00	83.88 2.06 0.57	68.79 1.49 0.35	66.15 1.30 0.35	61.49 1.15 0.27	61.65 1.15 0.29	66.28 1.05 0.35	70.66 0.98 0.42	78.35 2.43 0.00	101.24 3.52 0.00	140.37 4.62 0.00	121.18 4.55 0.00	109.28 3.90 0.00	91.43 3.01 0.00	81.95 2.69 0.00	74.18 2.37 0.00	68.68 2.26 0.00
MODEL_CITY_ENERGY 24167	46.29 -2.03 0.00	43.91 -1.36 0.00	42.38 -1.31 0.00	44.46 -1.14 0.00	48.53 -1.14 0.00	50.03 -2.69 0.00	67.57 -5.88 0.00	77.54 -6.83 0.00	65.07 -3.71 13.62	57.38 -2.03 8.24	54.73 -2.09 8.37	52.46 -1.70 6.45	52.22 -1.64 6.93	55.44 -1.71 8.43	58.30 -1.89 9.91	70.68 -5.24 0.00	89.61 -8.11 0.00	122.31 -13.44 0.00	105.43 -11.20 0.00	94.74 -10.64 0.00	79.58 -8.84 0.00	72.04 -7.21 0.00	65.92 -5.89 0.00	61.84 -4.58 0.00
MODERN_LFGE___ 323580	46.29 -2.03 0.00	43.91 -1.36 0.00	42.38 -1.31 0.00	44.46 -1.14 0.00	48.53 -1.14 0.00	50.03 -2.69 0.00	67.57 -5.88 0.00	77.54 -6.83 0.00	65.07 -3.71 13.62	57.38 -2.03 8.24	54.73 -2.09 8.37	52.46 -1.70 6.45	52.22 -1.64 6.93	55.44 -1.71 8.43	58.30 -1.89 9.91	70.68 -5.24 0.00	89.61 -8.11 0.00	122.31 -13.44 0.00	105.43 -11.20 0.00	94.74 -10.64 0.00	79.58 -8.84 0.00	72.04 -7.21 0.00	65.92 -5.89 0.00	61.84 -4.58 0.00
MOHAWK_PAPER___DRP 24187	50.11 1.79 0.00	46.85 1.58 0.00	45.22 1.53 0.00	47.19 1.60 0.00	51.31 1.64 0.00	54.51 1.79 0.00	75.51 2.06 0.00	86.65 2.28 0.00	83.55 1.15 0.00	68.19 0.54 0.00	65.72 0.52 0.00	61.03 0.42 0.00	61.15 0.36 0.00	65.91 0.33 0.00	70.30 0.21 0.00	77.44 1.52 0.00	99.77 2.05 0.00	138.74 2.99 0.00	119.43 2.80 0.00	107.70 2.32 0.00	90.37 1.95 0.00	80.92 1.66 0.00	73.39 1.58 0.00	68.22 1.79 0.00
MOHICAN___35_KV_115KV_LD 80490	51.56 3.24 0.00	48.20 2.94 0.00	46.44 2.75 0.00	48.51 2.92 0.00	52.85 3.18 0.00	56.46 3.74 0.00	77.20 3.75 0.00	88.60 4.22 0.00	85.36 2.97 0.00	69.40 1.76 0.00	66.56 1.37 0.00	61.45 0.85 0.00	61.45 0.67 0.00	66.30 0.72 0.00	71.07 0.98 0.00	78.57 2.66 0.00	101.63 3.91 0.00	142.13 6.38 0.00	122.23 5.60 0.00	109.91 4.53 0.00	92.40 3.98 0.00	82.34 3.09 0.00	74.61 2.80 0.00	69.34 2.92 0.00
MONGAUP___HYD 23641	50.45 2.12 0.00	47.16 1.90 0.00	45.39 1.70 0.00	47.37 1.78 0.00	51.66 1.99 0.00	54.83 2.11 0.00	76.90 3.45 0.00	88.43 4.05 0.00	84.24 2.47 0.62	68.76 1.49 0.38	65.92 1.11 0.38	61.22 0.91 0.29	61.38 0.91 0.32	66.05 0.85 0.39	70.62 0.98 0.45	78.35 2.43 0.00	101.83 4.10 0.00	141.86 6.11 0.00	122.11 5.48 0.00	110.33 4.95 0.00	92.22 3.80 0.00	82.58 3.33 0.00	74.60 2.80 0.00	68.88 2.46 0.00
MONTAUK___DIESEL 23721	52.04 3.72 0.00	48.30 3.03 0.00	46.44 2.75 0.00	48.10 2.51 0.00	52.50 2.83 0.00	56.52 3.80 0.00	76.32 2.86 0.00	88.60 4.22 0.00	80.93 -0.91 0.56	65.14 -2.16 0.34	63.61 -1.24 0.35	58.64 -1.70 0.27	59.04 -1.46 0.29	64.25 -0.98 0.35	69.33 -0.35 0.41	79.64 3.72 0.00	106.71 8.99 0.00	143.76 8.01 0.00	128.29 11.66 0.00	116.44 11.06 0.00	104.46 9.28 -6.75	102.46 8.48 -14.73	79.78 7.97 0.00	74.13 7.70 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	45.28 -3.04 0.00	43.04 -2.22 0.00	41.72 -1.97 0.00	44.00 -1.60 0.00	48.48 -1.19 0.00	51.40 -1.32 0.00	71.47 -1.98 0.00	82.86 -1.52 0.00	70.13 2.55 14.82	61.66 2.98 8.96	58.95 2.87 9.11	56.62 3.03 7.02	56.16 2.92 7.55	59.81 3.41 9.18	62.82 3.50 10.78	76.52 0.61 0.00	96.84 -0.88 0.00	133.71 -2.04 0.00	113.48 -3.15 0.00	102.96 -2.42 0.00	85.95 -2.48 0.00	77.51 -1.74 0.00	70.44 -1.36 0.00	64.96 -1.46 0.00

MORRIS_RIDGE___SOLAR 323848	46.05 -2.27 0.00	43.64 -1.63 0.00	42.20 -1.49 0.00	44.41 -1.19 0.00	48.68 -0.99 0.00	51.35 -1.37 0.00	70.88 -2.57 0.00	81.08 -3.29 0.00	66.28 -2.22 13.89	58.09 -1.15 8.40	55.35 -1.30 8.55	53.12 -0.91 6.58	52.86 -0.85 7.08	56.25 -0.72 8.61	59.07 -0.91 10.11	72.27 -3.64 0.00	91.96 -5.77 0.00	125.71 -10.04 0.00	108.23 -8.40 0.00	97.27 -8.11 0.00	81.61 -6.81 0.00	73.78 -5.47 0.00	67.35 -4.45 0.00	62.90 -3.52 0.00
MORTIMER_115KV_TB3 55949	47.11 -1.21 0.00	44.45 -0.81 0.00	42.86 -0.83 0.00	44.82 -0.78 0.00	49.03 -0.65 0.00	51.72 -1.00 0.00	71.32 -2.13 0.00	81.93 -2.45 0.00	67.38 -1.90 13.12	58.57 -1.15 7.93	55.96 -1.17 8.06	53.43 -0.97 6.21	52.90 -1.22 6.67	56.28 -1.18 8.12	59.43 -1.12 9.54	74.32 -1.59 0.00	94.60 -3.13 0.00	131.00 -4.75 0.00	111.61 -5.02 0.00	101.48 -3.90 0.00	85.06 -3.36 0.00	76.48 -2.77 0.00	69.29 -2.51 0.00	64.16 -2.26 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.88 2.56 0.00	47.48 2.22 0.00	45.70 2.01 0.00	47.60 2.01 0.00	51.76 2.09 0.00	55.04 2.32 0.00	76.98 3.53 0.00	88.51 4.13 0.00	84.22 2.39 0.57	69.27 1.96 0.34	66.61 1.76 0.35	61.91 1.58 0.27	62.08 1.58 0.29	66.67 1.44 0.35	70.94 1.26 0.41	78.57 2.66 0.00	101.53 3.81 0.00	140.50 4.75 0.00	121.41 4.78 0.00	109.59 4.22 0.00	91.69 3.27 0.00	82.18 2.93 0.00	74.39 2.59 0.00	68.95 2.52 0.00
MUNSVILLE_WIND_PWR 323609	50.16 1.84 0.00	46.98 1.72 0.00	45.39 1.70 0.00	47.37 1.78 0.00	51.91 2.24 0.00	55.46 2.74 0.00	78.74 5.29 0.00	90.45 6.08 0.00	70.41 6.43 18.42	61.18 4.66 11.13	57.72 3.85 11.32	55.53 3.64 8.71	55.25 3.83 9.37	58.91 4.72 11.40	62.17 5.47 13.39	82.37 6.45 0.00	107.40 9.68 0.00	150.00 14.25 0.00	128.40 11.77 0.00	115.28 9.90 0.00	96.03 7.61 0.00	85.51 6.26 0.00	76.91 5.10 0.00	70.74 4.31 0.00
N SALMON___HYD 24042	48.42 0.10 0.00	45.35 0.09 0.00	43.64 -0.04 0.00	45.73 0.14 0.00	49.97 0.30 0.00	53.09 0.37 0.00	74.26 0.81 0.00	85.56 1.18 0.00	81.66 1.07 1.80	67.70 1.15 1.09	65.52 1.43 1.11	61.27 1.52 0.85	61.57 1.70 0.92	66.50 2.04 1.12	71.02 2.24 1.31	78.50 2.58 0.00	101.53 3.81 0.00	142.40 6.65 0.00	121.75 5.13 0.00	110.23 4.85 0.00	92.75 4.33 0.00	82.90 3.65 0.00	74.89 3.09 0.00	69.01 2.59 0.00
N.AKRON__115KV_KNAPP 355671	47.16 -1.16 0.00	44.72 -0.54 0.00	43.12 -0.57 0.00	45.18 -0.41 0.00	49.52 -0.15 0.00	51.46 -1.27 0.00	70.00 -3.45 0.00	80.49 -3.88 0.00	67.47 -1.40 13.52	59.13 -0.34 8.18	56.36 -0.52 8.31	53.90 -0.30 6.40	53.36 -0.55 6.88	56.88 -0.33 8.37	59.98 -0.28 9.83	73.03 -2.88 0.00	92.35 -5.37 0.00	127.47 -8.28 0.00	108.23 -8.40 0.00	98.74 -6.64 0.00	82.76 -5.66 0.00	74.81 -4.44 0.00	68.07 -3.73 0.00	63.23 -3.19 0.00
N.E_GEN_SANDY PD 24062	54.72 2.18 -4.22	50.92 1.94 -3.71	49.50 1.83 -3.98	50.07 1.87 -2.61	52.70 1.94 -1.09	55.77 2.05 -0.99	80.37 2.86 -4.06	87.50 3.12 0.00	83.88 1.48 0.00	68.52 0.88 0.00	65.85 0.65 0.00	61.15 0.54 0.00	61.27 0.48 0.00	66.04 0.46 0.00	70.44 0.35 0.00	77.82 1.90 0.00	100.36 2.64 0.00	139.27 3.52 0.00	119.89 3.26 0.00	108.54 3.16 0.00	90.99 2.57 0.00	81.55 2.30 0.00	73.89 2.08 0.00	68.41 1.99 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.35 2.03 0.00	47.03 1.77 0.00	45.26 1.57 0.00	47.19 1.60 0.00	51.31 1.64 0.00	54.57 1.85 0.00	76.39 2.94 0.00	87.67 3.29 0.00	83.29 1.48 0.59	68.37 1.08 0.35	65.68 0.85 0.36	61.06 0.73 0.28	61.22 0.73 0.30	65.88 0.66 0.36	70.16 0.49 0.43	77.74 1.82 0.00	100.56 2.83 0.00	139.42 3.67 0.00	120.36 3.73 0.00	108.54 3.16 0.00	90.81 2.39 0.00	81.39 2.14 0.00	73.67 1.87 0.00	68.22 1.79 0.00
N.QUEENS_27_KV_LOAD 356247	51.18 2.85 -0.01	47.81 2.53 -0.01	46.10 2.40 -0.01	47.93 2.33 -0.01	52.06 2.38 0.00	55.15 2.43 0.00	76.31 2.86 0.01	88.08 3.71 0.01	83.72 1.90 0.57	69.06 1.76 0.34	66.48 1.63 0.35	61.79 1.45 0.27	62.02 1.52 0.29	66.35 1.11 0.35	70.31 0.63 0.41	77.73 1.82 0.01	100.74 3.03 0.01	139.41 3.67 0.01	120.59 3.97 0.01	108.74 3.37 0.01	90.89 2.48 0.01	81.54 2.30 0.01	73.67 1.87 0.00	68.88 2.46 0.00
N.TROY___115KV_TB1 355778	50.40 2.08 0.00	47.12 1.86 0.00	45.44 1.75 0.00	47.42 1.82 0.00	51.61 1.94 0.00	54.83 2.11 0.00	76.17 2.72 0.00	87.16 2.78 0.00	84.04 1.65 0.00	68.59 0.95 0.00	65.91 0.72 0.00	61.15 0.55 0.00	61.27 0.49 0.00	66.04 0.46 0.00	70.58 0.49 0.00	77.74 1.82 0.00	100.26 2.54 0.00	139.42 3.67 0.00	120.13 3.50 0.00	108.43 3.06 0.00	90.90 2.48 0.00	81.39 2.14 0.00	73.82 2.01 0.00	68.48 2.06 0.00
NARROWS_GT1_1 24228	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NARROWS_GT1_2 24229	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NARROWS_GT1_3 24230	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NARROWS_GT1_4 24231	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NARROWS_GT1_5 24232	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00

NARROWS_GT1_6 24233	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NARROWS_GT1_7 24234	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NARROWS_GT1_8 24235	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NARROWS_GT2_1 24236	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NARROWS_GT2_2 24237	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NARROWS_GT2_3 24238	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NARROWS_GT2_4 24239	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NARROWS_GT2_5 24240	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NARROWS_GT2_6 24241	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NARROWS_GT2_7 24242	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NARROWS_GT2_8 24243	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.93 3.22 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	50.69 2.37 0.00	47.44 2.17 0.00	45.74 2.05 0.00	47.83 2.23 0.00	52.11 2.43 0.00	55.30 2.58 0.00	76.68 3.23 0.00	88.09 3.71 0.00	84.87 2.47 0.00	68.80 1.15 0.00	66.04 0.85 0.00	61.21 0.61 0.00	61.33 0.55 0.00	66.17 0.59 0.00	70.79 0.70 0.00	78.19 2.28 0.00	101.34 3.62 0.00	141.72 5.97 0.00	121.88 5.25 0.00	109.91 4.53 0.00	91.96 3.54 0.00	82.26 3.01 0.00	74.82 3.02 0.00	69.41 2.99 0.00
NCHELSEA_115KV_TR2 355582	50.79 2.46 0.00	47.44 2.17 0.00	45.65 1.97 0.00	47.65 2.05 0.00	51.86 2.19 0.00	55.09 2.37 0.00	77.20 3.75 0.00	88.68 4.30 0.00	84.55 2.72 0.57	69.20 1.89 0.34	66.48 1.63 0.35	61.73 1.39 0.27	61.96 1.46 0.29	66.61 1.38 0.35	71.08 1.40 0.41	78.80 2.88 0.00	101.92 4.20 0.00	141.72 5.97 0.00	122.23 5.60 0.00	110.33 4.95 0.00	92.31 3.89 0.00	82.66 3.41 0.00	74.75 2.94 0.00	69.15 2.72 0.00
NEG CAPITAL___MECHNVIL 23645	50.93 2.61 0.00	47.66 2.40 0.00	45.91 2.23 0.00	47.96 2.37 0.00	52.21 2.53 0.00	55.62 2.90 0.00	77.05 3.60 0.00	88.34 3.97 0.00	85.20 2.80 0.00	69.40 1.76 0.00	66.63 1.43 0.00	61.70 1.09 0.00	61.76 0.97 0.00	66.63 1.05 0.00	71.35 1.26 0.00	78.73 2.81 0.00	101.73 4.01 0.00	141.86 6.11 0.00	121.88 5.25 0.00	109.91 4.53 0.00	92.22 3.80 0.00	82.43 3.17 0.00	74.68 2.88 0.00	69.21 2.79 0.00
NEG CENTRAL_HIGH_ACRES 23767	46.39 -1.93 0.00	43.68 -1.59 0.00	42.16 -1.53 0.00	44.09 -1.50 0.00	48.13 -1.54 0.00	50.87 -1.85 0.00	70.51 -2.94 0.00	81.00 -3.38 0.00	64.92 -3.13 14.34	56.68 -2.30 8.67	54.10 -2.28 8.81	51.83 -2.00 6.78	51.36 -2.13 7.29	54.41 -2.30 8.88	57.28 -2.38 10.43	73.41 -2.50 0.00	93.91 -3.81 0.00	129.78 -5.97 0.00	111.38 -5.25 0.00	100.53 -4.85 0.00	84.09 -4.33 0.00	75.69 -3.56 0.00	68.43 -3.37 0.00	63.57 -2.85 0.00

NEG CENTRAL___DRP 24199	47.50 -0.82 0.00	44.58 -0.68 0.00	43.03 -0.66 0.00	44.96 -0.64 0.00	49.08 -0.60 0.00	52.04 -0.69 0.00	72.57 -0.88 0.00	83.11 -1.27 0.00	60.77 -1.24 20.39	54.38 -0.95 12.32	51.62 -1.04 12.53	50.05 -0.91 9.64	49.32 -1.09 10.37	51.85 -1.11 12.62	54.08 -1.19 14.82	75.08 -0.84 0.00	96.16 -1.56 0.00	133.71 -2.04 0.00	114.30 -2.33 0.00	103.48 -1.90 0.00	86.56 -1.86 0.00	77.75 -1.51 0.00	70.23 -1.58 0.00	64.89 -1.53 0.00
NEG CENTRAL___INDECK 23768	48.23 -0.10 0.00	45.49 0.23 0.00	43.95 0.26 0.00	46.10 0.50 0.00	50.57 0.90 0.00	53.56 0.84 0.00	74.56 1.10 0.00	85.56 1.18 0.00	72.66 6.76 16.49	63.02 5.34 9.96	59.95 4.89 10.13	57.41 4.60 7.80	56.78 4.38 8.39	60.23 4.85 10.21	63.58 5.47 11.99	78.57 2.66 0.00	101.53 3.81 0.00	141.58 5.83 0.00	120.95 4.32 0.00	108.96 3.58 0.00	90.54 2.12 0.00	80.99 1.74 0.00	72.52 0.72 0.00	69.94 3.52 0.00
NEG CENTRAL___SENECA 23627	47.45 -0.87 0.00	44.58 -0.68 0.00	43.03 -0.66 0.00	44.96 -0.64 0.00	49.13 -0.55 0.00	52.09 -0.63 0.00	72.42 -1.03 0.00	83.19 -1.18 0.00	64.05 -1.15 17.19	56.51 -0.74 10.39	53.78 -0.85 10.56	51.75 -0.73 8.13	51.07 -0.97 8.74	53.96 -0.98 10.64	56.61 -0.98 12.50	75.16 -0.76 0.00	96.16 -1.56 0.00	133.58 -2.17 0.00	114.06 -2.57 0.00	103.38 -2.00 0.00	86.48 -1.95 0.00	77.67 -1.59 0.00	70.15 -1.65 0.00	64.83 -1.59 0.00
NEG CENTRAL___STATE_STREET 24147	47.79 -0.53 0.00	44.76 -0.50 0.00	43.29 -0.39 0.00	45.18 -0.41 0.00	49.28 -0.40 0.00	52.35 -0.37 0.00	73.16 -0.29 0.00	83.70 -0.68 0.00	58.74 -0.66 23.00	53.21 -0.54 13.90	50.41 -0.65 14.13	49.06 -0.67 10.87	48.30 -0.79 11.70	50.56 -0.79 14.23	52.53 -0.84 16.72	75.54 -0.38 0.00	96.94 -0.78 0.00	134.94 -0.81 0.00	115.46 -1.17 0.00	104.54 -0.84 0.00	87.36 -1.06 0.00	78.38 -0.87 0.00	70.73 -1.08 0.00	65.29 -1.13 0.00
NEG MILLWOOD___DRP 24198	51.03 2.71 0.00	47.66 2.40 0.00	45.87 2.18 0.00	47.87 2.28 0.00	52.06 2.38 0.00	55.36 2.64 0.00	77.64 4.19 0.00	89.19 4.81 0.00	85.05 3.21 0.56	69.61 2.30 0.34	66.87 2.02 0.34	62.16 1.82 0.27	62.26 1.76 0.29	67.00 1.77 0.35	71.51 1.82 0.41	79.26 3.34 0.00	102.61 4.89 0.00	142.95 7.19 0.00	123.04 6.41 0.00	111.07 5.69 0.00	92.84 4.42 0.00	83.14 3.88 0.00	75.18 3.37 0.00	69.54 3.12 0.00
NEG NORTH_FLCN_SEA 23793	48.32 0.00 0.00	45.13 -0.14 0.00	43.47 -0.22 0.00	45.41 -0.18 0.00	49.57 -0.10 0.00	52.77 0.05 0.00	73.75 0.29 0.00	85.05 0.68 0.00	82.10 0.74 1.04	67.90 0.88 0.63	65.73 1.17 0.64	61.45 1.33 0.49	61.78 1.52 0.53	66.84 1.90 0.64	71.58 2.24 0.75	78.50 2.58 0.00	101.63 3.91 0.00	141.86 6.11 0.00	121.41 4.78 0.00	109.91 4.53 0.00	92.58 4.16 0.00	82.82 3.57 0.00	74.82 3.02 0.00	69.01 2.59 0.00
NEG NORTH_KES_CHATEGAY 23792	47.79 -0.53 0.00	44.67 -0.59 0.00	43.03 -0.66 0.00	44.96 -0.64 0.00	49.08 -0.60 0.00	52.19 -0.53 0.00	73.01 -0.44 0.00	84.12 -0.25 0.00	80.91 -0.25 1.24	67.03 0.14 0.75	64.89 0.46 0.76	60.68 0.67 0.59	61.00 0.85 0.63	65.99 1.18 0.77	70.66 1.47 0.90	77.66 1.75 0.00	100.46 2.74 0.00	140.23 4.48 0.00	120.13 3.50 0.00	108.65 3.27 0.00	91.52 3.09 0.00	81.87 2.62 0.00	74.03 2.23 0.00	68.28 1.86 0.00
NEG NORTH___ALICE_FALLS 23915	48.47 0.14 0.00	45.31 0.05 0.00	43.60 -0.09 0.00	45.64 0.05 0.00	49.82 0.15 0.00	53.04 0.32 0.00	74.19 0.73 0.00	85.56 1.18 0.00	82.48 1.15 1.07	68.15 1.15 0.65	65.97 1.43 0.66	61.68 1.58 0.51	62.01 1.76 0.54	67.08 2.16 0.66	71.84 2.52 0.78	78.80 2.88 0.00	102.12 4.40 0.00	142.95 7.19 0.00	122.23 5.60 0.00	110.65 5.27 0.00	93.11 4.69 0.00	83.21 3.96 0.00	75.18 3.37 0.00	69.28 2.86 0.00
NEG NORTH___LWR_SARANAC 23913	48.47 0.14 0.00	45.31 0.05 0.00	43.60 -0.09 0.00	45.64 0.05 0.00	49.82 0.15 0.00	53.04 0.32 0.00	74.19 0.73 0.00	85.56 1.18 0.00	82.48 1.15 1.07	68.15 1.15 0.65	65.97 1.43 0.66	61.68 1.58 0.51	62.01 1.76 0.54	67.08 2.16 0.66	71.84 2.52 0.78	78.80 2.88 0.00	102.12 4.40 0.00	142.95 7.19 0.00	122.23 5.60 0.00	110.65 5.27 0.00	93.11 4.69 0.00	83.21 3.96 0.00	75.18 3.37 0.00	69.28 2.86 0.00
NEG NORTH___PLATTSBURG 23628	48.47 0.15 0.00	45.31 0.05 0.00	43.60 -0.09 0.00	45.64 0.05 0.00	49.82 0.15 0.00	53.04 0.32 0.00	74.19 0.73 0.00	85.56 1.18 0.00	82.48 1.15 1.07	68.15 1.15 0.65	65.97 1.43 0.66	61.67 1.57 0.51	62.01 1.76 0.54	67.08 2.16 0.66	71.83 2.52 0.78	78.80 2.88 0.00	102.02 4.29 0.00	142.94 7.19 0.00	122.23 5.60 0.00	110.65 5.27 0.00	93.10 4.68 0.00	83.21 3.96 0.00	75.18 3.38 0.00	69.28 2.85 0.00
NEG WEST_LEA_LOCKPORT 23791	46.44 -1.88 0.00	44.09 -1.18 0.00	42.51 -1.18 0.00	44.54 -1.05 0.00	48.78 -0.89 0.00	50.56 -2.16 0.00	68.09 -5.36 0.00	78.13 -6.24 0.00	65.34 -3.46 13.59	57.53 -1.89 8.22	54.95 -1.89 8.36	52.60 -1.58 6.43	52.16 -1.70 6.92	55.59 -1.57 8.42	58.52 -1.68 9.89	71.13 -4.78 0.00	89.51 -8.21 0.00	123.13 -12.62 0.00	104.62 -12.01 0.00	95.47 -9.91 0.00	80.20 -8.22 0.00	72.59 -6.66 0.00	66.35 -5.46 0.00	61.91 -4.52 0.00
NEG WEST___LANCASTR 23811	46.49 -1.84 0.00	44.04 -1.22 0.00	42.51 -1.18 0.00	44.59 -1.00 0.00	48.83 -0.84 0.00	51.25 -1.48 0.00	70.29 -3.16 0.00	80.58 -3.80 0.00	69.33 1.73 14.80	60.86 2.16 8.95	58.05 1.96 9.10	55.66 2.06 7.01	55.20 1.95 7.54	58.78 2.36 9.17	61.78 2.45 10.76	73.56 -2.35 0.00	92.93 -4.79 0.00	128.28 -7.47 0.00	109.05 -7.58 0.00	99.16 -6.22 0.00	82.94 -5.48 0.00	74.97 -4.28 0.00	68.29 -3.52 0.00	63.17 -3.25 0.00
NEG_PENN_ALLEGHNY 23528	47.99 -0.34 0.00	45.04 -0.23 0.00	43.51 -0.17 0.00	45.46 -0.14 0.00	49.57 -0.10 0.00	52.51 -0.21 0.00	73.31 -0.15 0.00	83.19 -1.18 0.00	60.80 0.33 21.93	54.66 0.27 13.25	51.85 0.13 13.48	50.42 0.18 10.37	49.81 0.18 11.16	52.27 0.26 13.57	54.36 0.21 15.94	75.54 -0.38 0.00	96.84 -0.88 0.00	134.13 -1.62 0.00	114.41 -2.22 0.00	103.16 -2.22 0.00	86.21 -2.21 0.00	77.51 -1.74 0.00	70.08 -1.72 0.00	64.96 -1.46 0.00
NEG___GEN_MONROE 24207	47.16 -1.16 0.00	44.49 -0.77 0.00	42.90 -0.79 0.00	44.86 -0.73 0.00	49.18 -0.50 0.00	51.67 -1.05 0.00	71.10 -2.35 0.00	81.59 -2.78 0.00	67.27 -1.98 13.15	58.48 -1.22 7.94	55.75 -1.37 8.08	53.24 -1.15 6.22	52.70 -1.40 6.69	56.00 -1.44 8.14	59.13 -1.40 9.56	73.56 -2.35 0.00	93.52 -4.20 0.00	129.78 -5.97 0.00	110.68 -5.95 0.00	100.43 -4.95 0.00	84.09 -4.33 0.00	75.69 -3.57 0.00	68.79 -3.02 0.00	63.77 -2.66 0.00
NEPA___ENERGY 23901	46.29 -2.03 0.00	43.86 -1.40 0.00	42.33 -1.35 0.00	44.45 -1.14 0.00	48.68 -0.99 0.00	51.25 -1.48 0.00	70.73 -2.72 0.00	81.09 -3.29 0.00	67.62 0.25 15.02	59.44 0.88 9.08	56.74 0.78 9.24	54.46 0.97 7.11	53.99 0.85 7.65	57.39 1.11 9.30	60.29 1.12 10.92	74.17 -1.75 0.00	93.91 -3.81 0.00	129.64 -6.11 0.00	110.21 -6.41 0.00	100.11 -5.27 0.00	83.74 -4.69 0.00	75.61 -3.65 0.00	68.72 -3.09 0.00	63.57 -2.86 0.00

NEVERSINK___HYD 23608	50.79 2.46 0.00	47.48 2.22 0.00	45.70 2.01 0.00	47.74 2.14 0.00	52.06 2.38 0.00	55.25 2.53 0.00	77.56 4.11 0.00	89.27 4.89 0.00	84.65 2.88 0.62	69.16 1.89 0.38	66.31 1.50 0.38	61.52 1.21 0.30	61.68 1.22 0.32	66.51 1.31 0.39	71.04 1.40 0.45	78.65 2.73 0.00	102.12 4.40 0.00	142.27 6.52 0.00	122.46 5.83 0.00	110.65 5.27 0.00	92.49 4.07 0.00	82.82 3.57 0.00	74.82 3.02 0.00	69.08 2.66 0.00
NEWKRMKL_115KV_TB1 55635	49.77 1.45 0.00	46.62 1.36 0.00	44.96 1.27 0.00	46.92 1.32 0.00	50.96 1.29 0.00	54.09 1.37 0.00	74.77 1.32 0.00	85.81 1.43 0.00	82.73 0.33 0.00	67.58 -0.07 0.00	65.26 0.07 0.00	60.67 0.06 0.00	60.79 0.00 0.00	65.52 -0.07 0.00	69.81 -0.28 0.00	76.75 0.84 0.00	98.80 1.07 0.00	137.38 1.63 0.00	118.38 1.75 0.00	106.75 1.37 0.00	89.48 1.06 0.00	80.12 0.87 0.00	72.74 0.93 0.00	67.68 1.26 0.00
NEWTON___FALLS_HYD 23847	47.69 -0.63 0.00	44.76 -0.50 0.00	43.16 -0.52 0.00	45.09 -0.50 0.00	49.23 -0.45 0.00	51.93 -0.79 0.00	72.72 -0.73 0.00	84.04 -0.34 0.00	75.15 -0.66 6.59	63.53 -0.14 3.98	61.60 0.46 4.05	57.85 0.36 3.12	57.92 0.49 3.35	62.29 0.79 4.08	66.07 0.77 4.79	76.52 0.61 0.00	98.80 1.07 0.00	138.33 2.58 0.00	118.38 1.75 0.00	106.75 1.37 0.00	89.66 1.24 0.00	80.76 1.51 0.00	73.17 1.36 0.00	67.29 0.86 0.00
NGRID_A1_DSASP 323792	45.37 -2.95 0.00	43.04 -2.22 0.00	41.50 -2.18 0.00	43.45 -2.14 0.00	47.54 -2.14 0.00	49.61 -3.11 0.00	67.06 -6.39 0.00	76.87 -7.51 0.00	64.47 -4.28 13.64	56.96 -2.44 8.25	54.33 -2.48 8.39	52.03 -2.12 6.46	51.53 -2.31 6.94	54.84 -2.30 8.45	57.79 -2.38 9.92	70.07 -5.85 0.00	88.05 -9.67 0.00	120.95 -14.80 0.00	102.75 -13.88 0.00	93.89 -11.49 0.00	78.96 -9.46 0.00	71.49 -7.77 0.00	65.42 -6.39 0.00	60.71 -5.71 0.00
NGRID_A2_DSASP 323793	45.37 -2.95 0.00	43.04 -2.22 0.00	41.50 -2.18 0.00	43.45 -2.14 0.00	47.54 -2.14 0.00	49.61 -3.11 0.00	67.06 -6.39 0.00	76.87 -7.51 0.00	64.47 -4.28 13.64	56.96 -2.44 8.25	54.33 -2.48 8.39	52.03 -2.12 6.46	51.53 -2.31 6.94	54.84 -2.30 8.45	57.79 -2.38 9.92	70.07 -5.85 0.00	88.05 -9.67 0.00	120.95 -14.80 0.00	102.75 -13.88 0.00	93.89 -11.49 0.00	78.96 -9.46 0.00	71.49 -7.77 0.00	65.42 -6.39 0.00	60.71 -5.71 0.00
NGRID_A4_DSASP 323807	45.37 -2.95 0.00	43.04 -2.22 0.00	41.50 -2.18 0.00	43.45 -2.14 0.00	47.54 -2.14 0.00	49.61 -3.11 0.00	67.06 -6.39 0.00	76.87 -7.51 0.00	64.47 -4.28 13.64	56.96 -2.44 8.25	54.33 -2.48 8.39	52.03 -2.12 6.46	51.53 -2.31 6.94	54.84 -2.30 8.45	57.79 -2.38 9.92	70.07 -5.85 0.00	88.05 -9.67 0.00	120.95 -14.80 0.00	102.75 -13.88 0.00	93.89 -11.49 0.00	78.96 -9.46 0.00	71.49 -7.77 0.00	65.42 -6.39 0.00	60.71 -5.71 0.00
NIAGARA_115E_LBMP 323715	46.15 -2.17 0.00	43.81 -1.45 0.00	42.25 -1.44 0.00	44.36 -1.23 0.00	48.38 -1.29 0.00	49.72 -3.00 0.00	67.21 -6.24 0.00	77.12 -7.26 0.00	64.73 -4.04 13.64	57.10 -2.30 8.25	54.53 -2.28 8.38	52.27 -1.88 6.45	52.02 -1.82 6.94	55.23 -1.90 8.45	58.00 -2.17 9.92	70.30 -5.62 0.00	89.02 -8.70 0.00	121.50 -14.25 0.00	104.73 -11.90 0.00	94.21 -11.17 0.00	79.14 -9.28 0.00	71.64 -7.61 0.00	65.56 -6.25 0.00	61.44 -4.98 0.00
NIAGARA_115W_LBMP 323714	45.28 -3.04 0.00	42.91 -2.36 0.00	41.41 -2.27 0.00	43.45 -2.14 0.00	47.44 -2.23 0.00	49.45 -3.27 0.00	66.91 -6.54 0.00	76.70 -7.68 0.00	64.39 -4.37 13.64	56.83 -2.57 8.25	54.27 -2.54 8.38	51.97 -2.18 6.45	51.66 -2.19 6.94	54.78 -2.36 8.45	57.65 -2.52 9.92	70.00 -5.92 0.00	88.53 -9.19 0.00	120.68 -15.07 0.00	104.15 -12.48 0.00	93.58 -11.80 0.00	78.69 -9.73 0.00	71.33 -7.92 0.00	65.27 -6.53 0.00	61.17 -5.25 0.00
NIAGARA_230_LBMP 323716	46.00 -2.32 0.00	43.59 -1.67 0.00	42.03 -1.66 0.00	44.09 -1.50 0.00	48.13 -1.54 0.00	50.19 -2.53 0.00	68.02 -5.43 0.00	77.96 -6.42 0.00	64.58 -4.20 13.62	56.85 -2.57 8.23	54.29 -2.54 8.36	51.99 -2.18 6.43	51.74 -2.13 6.92	54.93 -2.23 8.43	57.74 -2.46 9.90	71.14 -4.78 0.00	90.10 -7.62 0.00	122.98 -12.77 0.00	106.02 -10.61 0.00	95.26 -10.12 0.00	80.11 -8.32 0.00	72.52 -6.74 0.00	66.28 -5.53 0.00	62.11 -4.32 0.00
NIAGARA___115KV_198_GIBSON 55903	45.28 -3.04 0.00	42.91 -2.35 0.00	41.42 -2.27 0.00	43.36 -2.23 0.00	47.44 -2.24 0.00	49.45 -3.27 0.00	66.91 -6.54 0.00	76.70 -7.68 0.00	64.39 -4.37 13.64	56.83 -2.57 8.25	54.27 -2.54 8.38	51.97 -2.18 6.45	51.47 -2.37 6.94	54.78 -2.36 8.45	57.72 -2.45 9.92	69.84 -6.07 0.00	87.75 -9.97 0.00	120.68 -15.07 0.00	102.52 -14.11 0.00	93.58 -11.80 0.00	78.70 -9.73 0.00	71.33 -7.93 0.00	65.27 -6.53 0.00	60.58 -5.85 0.00
NIAGARA____ 23760	46.00 -2.32 0.00	43.59 -1.67 0.00	42.03 -1.66 0.00	44.09 -1.50 0.00	48.13 -1.54 0.00	50.19 -2.53 0.00	68.02 -5.43 0.00	77.96 -6.42 0.00	64.58 -4.20 13.62	56.85 -2.57 8.23	54.29 -2.54 8.37	51.99 -2.18 6.44	51.73 -2.13 6.92	54.92 -2.23 8.43	57.74 -2.46 9.90	71.14 -4.78 0.00	90.10 -7.62 0.00	122.98 -12.77 0.00	106.02 -10.61 0.00	95.26 -10.12 0.00	80.11 -8.32 0.00	72.52 -6.74 0.00	66.28 -5.53 0.00	62.11 -4.32 0.00
NINE_MILE_1 23575	46.49 -1.84 0.00	43.59 -1.67 0.00	42.12 -1.57 0.00	43.91 -1.69 0.00	47.84 -1.84 0.00	50.72 -2.00 0.00	70.59 -2.87 0.00	80.91 -3.46 0.00	43.27 -3.87 35.25	43.17 -3.18 21.30	40.47 -3.06 21.66	41.09 -2.85 16.67	39.94 -2.92 17.93	40.62 -3.15 21.82	41.10 -3.36 25.63	72.96 -2.96 0.00	93.81 -3.91 0.00	130.18 -5.57 0.00	111.74 -4.89 0.00	100.96 -4.42 0.00	84.53 -3.89 0.00	75.85 -3.41 0.00	68.72 -3.09 0.00	63.57 -2.85 0.00
NINE_MILE_2 23744	46.49 -1.84 0.00	43.59 -1.67 0.00	42.12 -1.57 0.00	43.95 -1.64 0.00	47.84 -1.84 0.00	50.72 -2.00 0.00	70.59 -2.87 0.00	81.00 -3.38 0.00	43.21 -3.87 35.31	43.20 -3.11 21.34	40.43 -3.06 21.70	41.06 -2.85 16.70	39.91 -2.92 17.96	40.58 -3.15 21.86	41.06 -3.36 25.67	72.96 -2.96 0.00	93.81 -3.91 0.00	130.18 -5.57 0.00	111.74 -4.89 0.00	100.96 -4.42 0.00	84.53 -3.89 0.00	75.85 -3.41 0.00	68.72 -3.09 0.00	63.64 -2.79 0.00
NM_CAPITAL___DRP 24208	49.87 1.55 0.00	46.67 1.40 0.00	45.00 1.31 0.00	46.96 1.37 0.00	51.06 1.39 0.00	54.20 1.48 0.00	74.99 1.54 0.00	85.98 1.60 0.00	82.89 0.49 0.00	67.71 0.07 0.00	65.32 0.13 0.00	60.73 0.12 0.00	60.85 0.06 0.00	65.58 0.00 0.00	69.88 -0.21 0.00	76.90 0.99 0.00	98.99 1.27 0.00	137.52 1.76 0.00	118.50 1.87 0.00	106.96 1.58 0.00	89.66 1.24 0.00	80.28 1.03 0.00	72.88 1.08 0.00	67.82 1.39 0.00
NM_CENTRAL___DRP 24181	47.36 -0.97 0.00	44.40 -0.86 0.00	42.86 -0.83 0.00	44.73 -0.87 0.00	48.73 -0.94 0.00	51.72 -1.00 0.00	72.13 -1.32 0.00	82.52 -1.86 0.00	55.69 -1.98 24.73	51.08 -1.62 14.94	48.37 -1.63 15.20	47.40 -1.52 11.69	46.63 -1.58 12.58	48.57 -1.71 15.31	50.29 -1.82 17.98	74.47 -1.44 0.00	95.57 -2.15 0.00	132.76 -2.99 0.00	113.71 -2.92 0.00	102.85 -2.53 0.00	86.12 -2.30 0.00	77.27 -1.98 0.00	69.87 -1.94 0.00	64.63 -1.79 0.00

NM_FRONTIER___DRP 24179	45.28 -3.04 0.00	42.91 -2.35 0.00	41.42 -2.27 0.00	43.36 -2.23 0.00	47.44 -2.24 0.00	49.45 -3.27 0.00	66.91 -6.54 0.00	76.70 -7.68 0.00	64.39 -4.37 13.64	56.83 -2.57 8.25	54.27 -2.54 8.38	51.97 -2.18 6.45	51.47 -2.37 6.94	54.78 -2.36 8.45	57.72 -2.45 9.92	69.84 -6.07 0.00	87.75 -9.97 0.00	120.68 -15.07 0.00	102.52 -14.11 0.00	93.58 -11.80 0.00	78.70 -9.73 0.00	71.33 -7.93 0.00	65.27 -6.53 0.00	60.58 -5.85 0.00
NM_ST_REGIS___HYD 24053	48.32 0.00 0.00	45.35 0.09 0.00	43.69 0.00 0.00	45.73 0.14 0.00	49.92 0.25 0.00	52.88 0.16 0.00	74.04 0.59 0.00	84.97 0.59 0.00	79.60 0.33 3.12	66.44 0.68 1.89	64.25 0.98 1.92	60.10 0.97 1.48	60.29 1.09 1.59	65.03 1.38 1.93	69.15 1.33 2.27	77.21 1.29 0.00	99.77 2.05 0.00	139.42 3.67 0.00	119.31 2.68 0.00	107.91 2.53 0.00	90.90 2.48 0.00	81.39 2.14 0.00	73.75 1.94 0.00	68.08 1.66 0.00
NORTHPORT___1 23551	51.85 3.53 0.00	48.16 2.90 0.00	46.31 2.62 0.00	47.92 2.32 0.00	52.35 2.68 0.00	56.41 3.69 0.00	78.22 4.77 0.00	90.37 5.99 0.00	84.30 2.47 0.56	67.98 0.68 0.34	66.15 1.30 0.35	61.19 0.85 0.27	61.35 0.85 0.29	66.54 1.31 0.35	71.01 1.33 0.41	80.24 4.33 0.00	103.69 5.96 -0.01	139.69 3.94 0.00	122.47 5.83 -0.01	111.07 5.69 -0.01	100.66 5.48 -6.75	99.06 5.08 -14.73	76.77 4.95 -0.01	71.08 4.65 -0.01
NORTHPORT___2 23552	51.85 3.53 0.00	48.16 2.90 0.00	46.31 2.62 0.00	47.92 2.32 0.00	52.35 2.68 0.00	56.41 3.69 0.00	78.22 4.77 0.00	90.37 5.99 0.00	84.30 2.47 0.56	67.98 0.68 0.34	66.15 1.30 0.35	61.19 0.85 0.27	61.35 0.85 0.29	66.54 1.31 0.35	71.01 1.33 0.41	80.24 4.33 0.00	103.69 5.96 -0.01	139.69 3.94 0.00	122.47 5.83 -0.01	111.07 5.69 -0.01	100.66 5.48 -6.75	99.06 5.08 -14.73	76.77 4.95 -0.01	71.08 4.65 -0.01
NORTHPORT___3 23553	51.75 3.43 0.00	48.07 2.81 0.00	46.27 2.58 0.00	47.87 2.28 0.00	52.30 2.63 0.00	56.36 3.64 0.00	78.16 4.71 0.00	90.28 5.90 0.00	84.22 2.39 0.56	67.91 0.61 0.34	66.02 1.17 0.35	61.12 0.79 0.27	61.23 0.73 0.29	66.47 1.24 0.35	70.94 1.26 0.41	80.17 4.25 0.00	103.50 5.76 -0.01	139.27 3.52 0.00	122.24 5.60 -0.01	110.76 5.37 -0.01	100.48 5.30 -6.75	98.98 5.00 -14.73	76.63 4.81 -0.01	71.01 4.58 -0.01
NORTHPORT___4 23650	51.75 3.43 0.00	48.07 2.81 0.00	46.27 2.58 0.00	47.87 2.28 0.00	52.30 2.63 0.00	56.36 3.64 0.00	78.16 4.71 0.00	90.28 5.90 0.00	84.22 2.39 0.56	67.91 0.61 0.34	66.02 1.17 0.35	61.12 0.79 0.27	61.23 0.73 0.29	66.47 1.24 0.35	70.94 1.26 0.41	80.17 4.25 0.00	103.50 5.76 -0.01	139.27 3.52 0.00	122.24 5.60 -0.01	110.76 5.37 -0.01	100.48 5.30 -6.75	98.98 5.00 -14.73	76.63 4.81 -0.01	71.01 4.58 -0.01
NORTHPORT___IC 23718	51.80 3.48 0.00	48.16 2.90 0.00	46.31 2.62 0.00	48.06 2.46 0.00	52.36 2.68 0.00	56.41 3.69 0.00	78.23 4.77 0.00	90.37 5.99 0.00	84.30 2.47 0.56	68.05 0.74 0.34	66.15 1.30 0.35	61.19 0.85 0.27	61.47 0.97 0.29	66.41 1.18 0.35	71.01 1.33 0.41	80.24 4.33 0.00	103.59 5.86 0.00	139.69 3.94 0.00	122.69 6.06 0.00	111.07 5.69 0.00	100.66 5.48 -6.75	99.06 5.07 -14.73	76.76 4.95 0.00	71.20 4.78 0.00
NORTH___COUNTRY_ESR 323785	47.65 -0.68 0.00	44.54 -0.73 0.00	42.90 -0.79 0.00	44.82 -0.78 0.00	48.93 -0.74 0.00	52.03 -0.69 0.00	72.72 -0.73 0.00	83.87 -0.50 0.00	80.66 -0.49 1.25	66.82 -0.07 0.75	64.76 0.33 0.77	60.56 0.54 0.59	60.88 0.73 0.63	65.79 0.99 0.77	70.51 1.33 0.91	77.51 1.60 0.00	99.97 2.25 0.00	139.55 3.80 0.00	119.66 3.03 0.00	108.23 2.85 0.00	91.17 2.74 0.00	81.55 2.30 0.00	73.75 1.94 0.00	68.01 1.59 0.00
NPX_GEN_1385_PROXY 323591	52.09 3.77 0.00	48.38 3.12 0.00	46.75 3.06 0.00	48.19 2.60 0.00	52.65 2.98 0.00	58.16 4.95 -0.48	86.36 6.47 -6.44	97.23 7.93 -4.92	86.20 4.36 0.56	68.73 1.42 0.34	66.61 1.76 0.35	61.67 1.33 0.27	61.59 1.10 0.29	67.07 1.83 0.35	71.57 1.89 0.41	84.34 6.08 -2.35	127.86 8.21 -21.93	155.92 7.05 -13.11	124.80 8.16 -0.01	113.18 7.80 -0.01	102.33 7.16 -6.75	100.64 6.66 -14.73	77.77 5.96 -0.01	77.65 6.18 -5.05
NPX_GEN_CSC 323557	52.33 4.01 0.00	48.57 3.30 0.00	46.75 3.06 0.00	48.33 2.74 0.00	52.86 3.18 0.00	56.89 4.16 0.00	76.90 3.45 0.00	89.44 5.06 0.00	81.75 -0.08 0.56	65.68 -1.62 0.34	64.07 -0.78 0.35	59.19 -1.15 0.27	59.34 -1.16 0.29	64.51 -0.72 0.35	69.05 -0.63 0.41	78.88 2.96 0.00	105.55 7.82 -0.01	140.63 4.88 0.00	125.39 8.75 -0.01	113.92 8.53 -0.01	102.43 7.25 -6.75	100.48 6.50 -14.73	78.06 6.24 -0.01	72.21 5.78 -0.01
NSINS_S_GLNS_FALLS 23858	51.51 3.19 0.00	48.16 2.90 0.00	46.40 2.71 0.00	48.51 2.92 0.00	52.85 3.18 0.00	56.46 3.74 0.00	77.05 3.60 0.00	88.43 4.05 0.00	85.20 2.80 0.00	69.27 1.62 0.00	66.43 1.24 0.00	61.33 0.73 0.00	61.33 0.55 0.00	66.11 0.52 0.00	70.93 0.84 0.00	78.35 2.43 0.00	101.44 3.71 0.00	141.72 5.97 0.00	121.88 5.25 0.00	109.70 4.32 0.00	92.14 3.71 0.00	82.18 2.93 0.00	74.46 2.66 0.00	69.15 2.72 0.00
NUCOR_STEEL___DRP 24197	47.84 -0.48 0.00	44.86 -0.41 0.00	43.34 -0.35 0.00	45.23 -0.36 0.00	49.33 -0.35 0.00	52.35 -0.37 0.00	73.08 -0.37 0.00	83.53 -0.84 0.00	58.01 -0.82 23.57	52.73 -0.68 14.24	49.93 -0.78 14.48	48.74 -0.73 11.14	47.95 -0.85 11.99	50.14 -0.85 14.58	52.05 -0.91 17.13	75.46 -0.46 0.00	96.84 -0.88 0.00	134.80 -0.95 0.00	115.35 -1.28 0.00	104.33 -1.05 0.00	87.18 -1.24 0.00	78.22 -1.03 0.00	70.73 -1.08 0.00	65.29 -1.13 0.00
NUMBER_THREE_WT_PWR 323818	47.60 -0.72 0.00	44.63 -0.63 0.00	43.03 -0.65 0.00	44.91 -0.68 0.00	49.03 -0.65 0.00	52.03 -0.69 0.00	73.01 -0.44 0.00	85.31 0.93 0.00	74.88 0.58 8.10	63.77 1.02 4.89	61.32 1.11 4.98	57.74 0.97 3.83	57.76 1.10 4.12	62.01 1.44 5.01	65.88 1.68 5.89	78.12 2.20 0.00	101.24 3.51 0.00	141.72 5.97 0.00	121.41 4.78 0.00	109.17 3.79 0.00	91.43 3.01 0.00	82.02 2.77 0.00	74.17 2.37 0.00	67.68 1.26 0.00
NYISO_LBMP_REFERENCE 24008	48.32 0.00 0.00	45.26 0.00 0.00	43.69 0.00 0.00	45.59 0.00 0.00	49.67 0.00 0.00	52.72 0.00 0.00	73.45 0.00 0.00	84.38 0.00 0.00	82.40 0.00 0.00	67.65 0.00 0.00	65.19 0.00 0.00	60.61 0.00 0.00	60.79 0.00 0.00	65.58 0.00 0.00	70.09 0.00 0.00	75.92 0.00 0.00	97.72 0.00 0.00	135.75 0.00 0.00	116.63 0.00 0.00	105.38 0.00 0.00	88.42 0.00 0.00	79.25 0.00 0.00	71.81 0.00 0.00	66.42 0.00 0.00
NYPA_BRENTWD____GT 24164	52.58 4.25 0.00	48.84 3.57 0.00	46.97 3.28 0.00	48.60 3.01 0.00	53.10 3.42 0.00	57.20 4.48 0.00	79.48 6.02 0.00	91.80 7.43 0.00	85.54 3.71 0.56	68.93 1.62 0.34	67.07 2.22 0.35	62.03 1.69 0.27	62.20 1.70 0.29	67.53 2.29 0.35	72.13 2.45 0.41	81.46 5.54 0.00	105.84 8.11 -0.01	142.13 6.38 0.00	125.04 8.40 -0.01	113.82 8.43 -0.01	102.43 7.25 -6.75	100.48 6.50 -14.73	77.91 6.10 -0.01	72.14 5.71 -0.01

NYPA_GOWANUS____GT5 24156	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.84 3.13 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.84 3.47 0.01	91.06 2.65 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NYPA_GOWANUS____GT6 24157	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.30 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.56 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.53 0.84 0.41	77.88 1.97 0.01	100.84 3.13 0.01	139.54 3.80 0.01	120.46 3.84 0.01	108.84 3.47 0.01	91.06 2.65 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.95 2.52 0.00
NYPA_HARLEM__RVR__GT1 24160	51.13 2.80 -0.01	47.71 2.44 -0.01	46.05 2.36 -0.01	47.84 2.23 -0.01	52.01 2.34 0.00	55.10 2.37 0.00	76.23 2.79 0.01	87.91 3.54 0.01	83.56 1.73 0.57	68.92 1.62 0.35	66.34 1.50 0.36	61.66 1.33 0.28	61.83 1.34 0.30	66.27 1.05 0.36	70.23 0.56 0.42	77.51 1.60 0.01	100.64 2.93 0.01	139.00 3.25 0.01	120.12 3.50 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.60 1.80 0.00	68.55 2.12 0.00
NYPA_HARLEM__RVR__GT2 24161	51.13 2.80 -0.01	47.71 2.44 -0.01	46.05 2.36 -0.01	47.84 2.23 -0.01	52.01 2.34 0.00	55.10 2.37 0.00	76.23 2.79 0.01	87.91 3.54 0.01	83.56 1.73 0.57	68.92 1.62 0.35	66.34 1.50 0.36	61.66 1.33 0.28	61.83 1.34 0.30	66.27 1.05 0.36	70.23 0.56 0.42	77.51 1.60 0.01	100.64 2.93 0.01	139.00 3.25 0.01	120.12 3.50 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.60 1.80 0.00	68.55 2.12 0.00
NYPA_KENT____GT 24152	51.38 3.05 -0.01	47.94 2.67 -0.01	46.05 2.36 -0.01	48.02 2.41 -0.01	52.16 2.48 0.00	55.41 2.69 0.00	77.05 3.60 0.00	88.59 4.22 0.00	84.22 2.39 0.56	69.53 2.23 0.34	66.93 2.09 0.35	62.10 1.76 0.27	62.26 1.76 0.29	66.67 1.44 0.35	70.66 0.98 0.41	78.03 2.12 0.01	100.94 3.22 0.01	139.68 3.94 0.01	120.46 3.84 0.01	108.84 3.47 0.01	91.06 2.65 0.01	81.70 2.46 0.01	74.17 2.37 0.00	68.95 2.52 0.00
NYPA_POUCH1____GT 24155	51.66 3.33 -0.01	48.21 2.94 -0.01	46.32 2.62 -0.01	48.34 2.74 -0.01	52.50 2.83 0.00	55.73 3.00 0.00	77.49 4.04 0.00	89.01 4.64 0.00	84.47 2.64 0.57	69.74 2.43 0.34	67.06 2.22 0.35	62.10 1.76 0.27	62.26 1.76 0.29	66.47 1.24 0.35	70.24 0.56 0.41	77.58 1.67 0.01	100.64 2.93 0.01	139.14 3.40 0.01	120.24 3.62 0.01	108.64 3.27 0.01	90.89 2.47 0.01	81.46 2.22 0.01	73.96 2.15 0.00	68.95 2.52 0.00
NYPA_VERNON____GT2 24162	51.23 2.90 -0.01	47.81 2.53 -0.01	45.97 2.27 -0.01	47.88 2.28 -0.01	52.01 2.34 0.00	55.30 2.58 0.00	76.83 3.38 0.00	88.34 3.97 0.00	84.06 2.23 0.56	69.40 2.10 0.34	66.80 1.95 0.35	62.10 1.76 0.27	62.26 1.76 0.29	66.74 1.51 0.35	70.80 1.12 0.41	78.19 2.28 0.01	101.04 3.32 0.01	139.81 4.07 0.01	120.70 4.08 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.17 2.37 0.00	68.88 2.46 0.00
NYPA_VERNON____GT3 24163	51.23 2.90 -0.01	47.81 2.53 -0.01	45.97 2.27 -0.01	47.88 2.28 -0.01	52.01 2.34 0.00	55.30 2.58 0.00	76.83 3.38 0.00	88.34 3.97 0.00	84.06 2.23 0.56	69.40 2.10 0.34	66.80 1.95 0.35	62.10 1.76 0.27	62.26 1.76 0.29	66.74 1.51 0.35	70.80 1.12 0.41	78.19 2.28 0.01	101.04 3.32 0.01	139.81 4.07 0.01	120.70 4.08 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.17 2.37 0.00	68.88 2.46 0.00
NYPA__ASTORIA_CC1 323568	51.23 2.90 -0.01	47.80 2.53 -0.01	45.97 2.27 -0.01	47.88 2.28 -0.01	51.96 2.29 0.00	55.20 2.48 0.00	76.60 3.16 0.01	88.08 3.71 0.01	83.72 1.90 0.57	69.27 1.96 0.34	66.67 1.82 0.35	61.98 1.64 0.27	62.14 1.64 0.29	66.61 1.38 0.35	70.59 0.91 0.41	77.88 1.97 0.01	100.75 3.03 0.01	139.27 3.52 0.01	120.24 3.62 0.01	108.64 3.27 0.01	90.89 2.47 0.01	81.46 2.22 0.01	73.96 2.15 0.00	68.81 2.39 0.00
NYPA__ASTORIA_CC2 323569	51.23 2.90 -0.01	47.80 2.53 -0.01	45.97 2.27 -0.01	47.88 2.28 -0.01	51.96 2.29 0.00	55.20 2.48 0.00	76.60 3.16 0.01	88.08 3.71 0.01	83.72 1.90 0.57	69.27 1.96 0.34	66.67 1.82 0.35	61.98 1.64 0.27	62.14 1.64 0.29	66.61 1.38 0.35	70.59 0.91 0.41	77.88 1.97 0.01	100.75 3.03 0.01	139.27 3.52 0.01	120.24 3.62 0.01	108.64 3.27 0.01	90.89 2.47 0.01	81.46 2.22 0.01	73.96 2.15 0.00	68.81 2.39 0.00
NYPA__HOLTSVILL 23794	51.99 3.67 0.00	48.30 3.03 0.00	46.44 2.75 0.00	48.05 2.46 0.00	52.50 2.83 0.00	56.52 3.80 0.00	77.93 4.48 0.00	90.12 5.74 0.00	83.73 1.90 0.56	67.44 0.14 0.34	65.69 0.85 0.35	60.70 0.37 0.27	60.87 0.37 0.29	66.08 0.85 0.35	70.66 0.98 0.41	79.79 3.87 0.00	104.18 6.45 -0.01	139.96 4.21 0.00	123.40 6.76 -0.01	111.92 6.54 -0.01	101.01 5.83 -6.75	99.21 5.23 -14.73	76.99 5.17 -0.01	71.28 4.85 -0.01
NYPA____HELLGATE_GT1 24158	51.13 2.80 -0.01	47.71 2.44 -0.01	46.05 2.36 -0.01	47.84 2.23 -0.01	52.01 2.34 0.00	55.10 2.37 0.00	76.23 2.79 0.01	87.91 3.54 0.01	83.56 1.73 0.57	68.92 1.62 0.35	66.34 1.50 0.36	61.66 1.33 0.28	61.83 1.34 0.30	66.27 1.05 0.36	70.23 0.56 0.42	77.51 1.60 0.01	100.64 2.93 0.01	139.00 3.25 0.01	120.12 3.50 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.60 1.80 0.00	68.55 2.12 0.00
NYPA____HELLGATE_GT2 24159	51.13 2.80 -0.01	47.71 2.44 -0.01	46.05 2.36 -0.01	47.84 2.23 -0.01	52.01 2.34 0.00	55.10 2.37 0.00	76.23 2.79 0.01	87.91 3.54 0.01	83.56 1.73 0.57	68.92 1.62 0.35	66.34 1.50 0.36	61.66 1.33 0.28	61.83 1.34 0.30	66.27 1.05 0.36	70.23 0.56 0.42	77.51 1.60 0.01	100.64 2.93 0.01	139.00 3.25 0.01	120.12 3.50 0.01	108.53 3.16 0.01	90.71 2.30 0.01	81.38 2.14 0.01	73.60 1.80 0.00	68.55 2.12 0.00
NYS_BARGE__HYD 23848	46.54 -1.79 0.00	44.13 -1.13 0.00	42.60 -1.09 0.00	44.73 -0.87 0.00	48.83 -0.84 0.00	50.56 -2.16 0.00	68.24 -5.21 0.00	78.39 -5.99 0.00	65.77 -3.05 13.58	57.88 -1.55 8.21	55.22 -1.63 8.35	52.90 -1.28 6.43	52.66 -1.22 6.91	55.86 -1.31 8.41	58.81 -1.40 9.88	71.36 -4.55 0.00	90.49 -7.23 0.00	123.53 -12.22 0.00	106.48 -10.15 0.00	95.69 -9.69 0.00	80.38 -8.05 0.00	72.76 -6.50 0.00	66.49 -5.31 0.00	62.50 -3.92 0.00
OAK ORCHARD__HYD 24046	47.12 -1.21 0.00	44.45 -0.81 0.00	42.86 -0.83 0.00	44.86 -0.73 0.00	49.03 -0.65 0.00	51.72 -1.00 0.00	71.32 -2.13 0.00	81.93 -2.45 0.00	67.38 -1.89 13.12	58.57 -1.15 7.93	55.96 -1.17 8.06	53.43 -0.97 6.21	53.02 -1.09 6.67	56.28 -1.18 8.12	59.43 -1.12 9.54	74.40 -1.52 0.00	95.09 -2.63 0.00	131.00 -4.76 0.00	112.54 -4.09 0.00	101.48 -3.90 0.00	85.06 -3.36 0.00	76.48 -2.78 0.00	69.29 -2.52 0.00	64.49 -1.93 0.00

OAKDALE___35_KV_LOAD 356122	47.89 -0.43 0.00	44.95 -0.32 0.00	43.43 -0.26 0.00	45.37 -0.23 0.00	49.47 -0.20 0.00	52.41 -0.32 0.00	73.01 -0.44 0.00	82.44 -1.94 0.00	60.39 -0.49 21.51	54.31 -0.34 13.00	51.52 -0.46 13.22	50.13 -0.30 10.17	49.42 -0.43 10.94	51.94 -0.33 13.31	54.10 -0.35 15.64	74.85 -1.06 0.00	95.67 -2.05 0.00	132.90 -2.85 0.00	113.48 -3.15 0.00	102.74 -2.63 0.00	85.95 -2.48 0.00	77.19 -2.06 0.00	69.80 -2.01 0.00	64.50 -1.93 0.00
OCC_CHEM___DRP 24175	45.37 -2.95 0.00	43.04 -2.22 0.00	41.50 -2.18 0.00	43.45 -2.14 0.00	47.54 -2.14 0.00	49.61 -3.11 0.00	67.06 -6.39 0.00	76.87 -7.51 0.00	64.47 -4.28 13.64	56.96 -2.44 8.25	54.33 -2.48 8.39	52.03 -2.12 6.46	51.53 -2.31 6.94	54.84 -2.30 8.45	57.79 -2.38 9.92	70.07 -5.85 0.00	88.05 -9.67 0.00	120.95 -14.80 0.00	102.75 -13.88 0.00	93.89 -11.49 0.00	78.96 -9.46 0.00	71.49 -7.77 0.00	65.42 -6.39 0.00	60.71 -5.71 0.00
OH_GEN_PROXY 24063	46.00 -2.32 0.00	43.59 -1.67 0.00	42.03 -1.66 0.00	44.09 -1.50 0.00	48.13 -1.54 0.00	50.24 -2.48 0.00	68.16 -5.29 0.00	78.13 -6.24 0.00	64.73 -4.04 13.63	57.05 -2.37 8.23	54.41 -2.41 8.37	52.17 -2.00 6.44	51.91 -1.95 6.93	55.05 -2.10 8.43	57.95 -2.25 9.90	71.36 -4.55 0.00	90.39 -7.33 0.00	123.53 -12.22 0.00	106.36 -10.26 0.00	95.69 -9.69 0.00	80.38 -8.05 0.00	72.76 -6.50 0.00	66.42 -5.39 0.00	62.17 -4.25 0.00
OLIN_CORP_DRP 24177	46.15 -2.17 0.00	43.81 -1.45 0.00	42.25 -1.44 0.00	44.27 -1.32 0.00	48.38 -1.29 0.00	49.82 -2.90 0.00	67.36 -6.10 0.00	77.29 -7.09 0.00	64.68 -4.04 13.68	57.07 -2.30 8.27	54.50 -2.28 8.41	52.25 -1.88 6.48	51.76 -2.07 6.96	55.21 -1.90 8.47	58.04 -2.10 9.95	70.38 -5.54 0.00	88.54 -9.19 0.00	121.90 -13.85 0.00	103.57 -13.06 0.00	94.42 -10.96 0.00	79.31 -9.11 0.00	71.80 -7.45 0.00	65.70 -6.10 0.00	61.04 -5.38 0.00
OLIN_CORP_DSASP 323712	45.37 -2.95 0.00	43.04 -2.22 0.00	41.50 -2.18 0.00	43.45 -2.14 0.00	47.54 -2.14 0.00	49.61 -3.11 0.00	67.06 -6.39 0.00	76.87 -7.51 0.00	64.47 -4.28 13.64	56.96 -2.44 8.25	54.33 -2.48 8.39	52.03 -2.12 6.46	51.53 -2.31 6.94	54.84 -2.30 8.45	57.79 -2.38 9.92	70.07 -5.85 0.00	88.05 -9.67 0.00	120.95 -14.80 0.00	102.75 -13.88 0.00	93.89 -11.49 0.00	78.96 -9.46 0.00	71.49 -7.77 0.00	65.42 -6.39 0.00	60.71 -5.71 0.00
ONEIDA_HERK_LFGE 323681	48.57 0.24 0.00	45.54 0.27 0.00	43.91 0.22 0.00	45.82 0.23 0.00	50.02 0.35 0.00	53.14 0.42 0.00	74.48 1.03 0.00	86.99 2.62 0.00	79.35 2.23 5.27	66.42 1.96 3.19	63.78 1.82 3.24	59.68 1.57 2.49	59.80 1.70 2.68	64.42 2.10 3.26	68.64 2.38 3.83	78.88 2.96 0.00	102.32 4.59 0.00	142.94 7.19 0.00	122.46 5.83 0.00	110.23 4.85 0.00	92.31 3.89 0.00	82.58 3.33 0.00	74.68 2.88 0.00	68.55 2.12 0.00
ONEIDA___115KV_TB4 55905	49.05 0.72 0.00	45.99 0.72 0.00	44.39 0.70 0.00	46.32 0.73 0.00	50.57 0.89 0.00	53.78 1.05 0.00	75.36 1.91 0.00	85.98 1.60 0.00	68.17 1.40 15.63	59.15 0.95 9.44	56.25 0.65 9.60	53.82 0.61 7.39	53.39 0.55 7.95	56.63 0.72 9.67	59.50 0.77 11.36	77.28 1.37 0.00	99.48 1.76 0.00	138.33 2.58 0.00	118.50 1.87 0.00	106.96 1.58 0.00	89.57 1.15 0.00	80.20 0.95 0.00	72.52 0.72 0.00	67.02 0.60 0.00
ONONDAGA_REF_OCCRA 23987	47.55 -0.77 0.00	44.58 -0.68 0.00	43.08 -0.61 0.00	44.91 -0.68 0.00	48.98 -0.70 0.00	51.98 -0.74 0.00	72.57 -0.88 0.00	82.94 -1.43 0.00	55.80 -1.48 25.12	51.18 -1.29 15.18	48.46 -1.30 15.43	47.52 -1.21 11.88	46.74 -1.28 12.77	48.72 -1.31 15.55	50.36 -1.47 18.26	74.85 -1.06 0.00	96.06 -1.66 0.00	133.58 -2.17 0.00	114.41 -2.22 0.00	103.38 -2.00 0.00	86.56 -1.86 0.00	77.67 -1.59 0.00	70.23 -1.58 0.00	64.83 -1.59 0.00
ONONDAGA___COGEN 23986	47.55 -0.77 0.00	44.54 -0.72 0.00	43.03 -0.66 0.00	44.91 -0.68 0.00	48.93 -0.75 0.00	51.93 -0.79 0.00	72.50 -0.95 0.00	82.94 -1.43 0.00	55.48 -1.65 25.27	51.02 -1.35 15.27	48.30 -1.37 15.53	47.38 -1.27 11.95	46.60 -1.34 12.85	48.50 -1.44 15.64	50.18 -1.54 18.37	74.85 -1.06 0.00	96.06 -1.66 0.00	133.58 -2.17 0.00	114.41 -2.22 0.00	103.48 -1.90 0.00	86.56 -1.86 0.00	77.67 -1.59 0.00	70.30 -1.51 0.00	64.89 -1.53 0.00
ONTARIO___LFGE 23819	47.45 -0.87 0.00	44.59 -0.68 0.00	43.03 -0.65 0.00	45.00 -0.59 0.00	49.13 -0.55 0.00	52.09 -0.63 0.00	72.42 -1.03 0.00	83.19 -1.18 0.00	64.05 -1.15 17.19	56.51 -0.74 10.39	53.78 -0.85 10.56	51.75 -0.72 8.13	51.19 -0.85 8.74	54.02 -0.92 10.64	56.61 -0.98 12.50	75.23 -0.68 0.00	96.45 -1.27 0.00	133.57 -2.18 0.00	114.65 -1.98 0.00	103.37 -2.01 0.00	86.48 -1.95 0.00	77.67 -1.58 0.00	70.16 -1.65 0.00	65.02 -1.40 0.00
ORANGEVILLE_WT_PWR 323706	45.81 -2.51 0.00	43.45 -1.81 0.00	42.03 -1.66 0.00	44.23 -1.37 0.00	48.53 -1.14 0.00	51.03 -1.69 0.00	70.00 -3.45 0.00	80.33 -4.05 0.00	66.45 -2.06 13.89	58.29 -0.95 8.40	55.54 -1.11 8.55	53.30 -0.72 6.58	53.04 -0.67 7.08	56.38 -0.59 8.61	59.29 -0.70 10.11	72.43 -3.49 0.00	91.96 -5.77 0.00	125.71 -10.04 0.00	108.23 -8.40 0.00	97.27 -8.11 0.00	81.61 -6.81 0.00	73.78 -5.47 0.00	67.35 -4.45 0.00	62.90 -3.52 0.00
ORANGEVILLE___ESR 323794	45.81 -2.51 0.00	43.45 -1.81 0.00	42.03 -1.66 0.00	44.23 -1.37 0.00	48.53 -1.14 0.00	51.03 -1.69 0.00	70.00 -3.45 0.00	80.33 -4.05 0.00	66.45 -2.06 13.89	58.29 -0.95 8.40	55.54 -1.11 8.55	53.30 -0.72 6.58	53.04 -0.67 7.08	56.38 -0.59 8.61	59.29 -0.70 10.11	72.43 -3.49 0.00	91.96 -5.77 0.00	125.71 -10.04 0.00	108.23 -8.40 0.00	97.27 -8.11 0.00	81.61 -6.81 0.00	73.78 -5.47 0.00	67.35 -4.45 0.00	62.90 -3.52 0.00
OSWEGATCHIE___HYD 24044	47.69 -0.63 0.00	44.77 -0.50 0.00	43.17 -0.52 0.00	45.09 -0.50 0.00	49.23 -0.45 0.00	51.93 -0.79 0.00	72.72 -0.73 0.00	84.04 -0.34 0.00	75.14 -0.66 6.59	63.53 -0.14 3.98	61.60 0.46 4.05	57.85 0.37 3.12	57.92 0.48 3.35	62.29 0.79 4.08	66.07 0.77 4.79	76.52 0.60 0.00	98.70 0.98 0.00	138.32 2.57 0.00	118.38 1.75 0.00	106.75 1.37 0.00	89.66 1.24 0.00	80.75 1.50 0.00	73.17 1.36 0.00	67.28 0.86 0.00
OSWEGO___5 23606	46.82 -1.50 0.00	43.95 -1.31 0.00	42.42 -1.27 0.00	44.27 -1.32 0.00	48.23 -1.44 0.00	51.14 -1.58 0.00	71.17 -2.28 0.00	81.59 -2.78 0.00	45.66 -3.38 33.36	44.78 -2.71 20.16	42.02 -2.68 20.49	42.41 -2.43 15.77	41.33 -2.49 16.96	42.25 -2.69 20.64	42.97 -2.88 24.25	73.56 -2.35 0.00	94.50 -3.22 0.00	131.13 -4.62 0.00	112.66 -3.97 0.00	101.69 -3.69 0.00	85.15 -3.27 0.00	76.40 -2.85 0.00	69.22 -2.58 0.00	64.10 -2.33 0.00
OSWEGO___6 23613	46.82 -1.50 0.00	43.95 -1.31 0.00	42.42 -1.27 0.00	44.27 -1.32 0.00	48.23 -1.44 0.00	51.14 -1.58 0.00	71.17 -2.28 0.00	81.59 -2.78 0.00	45.66 -3.38 33.36	44.78 -2.71 20.16	42.02 -2.68 20.49	42.41 -2.43 15.77	41.33 -2.49 16.96	42.25 -2.69 20.64	42.97 -2.88 24.25	73.56 -2.35 0.00	94.50 -3.22 0.00	131.13 -4.62 0.00	112.66 -3.97 0.00	101.69 -3.69 0.00	85.15 -3.27 0.00	76.40 -2.85 0.00	69.22 -2.58 0.00	64.10 -2.33 0.00

OUTOKUMPU-AB____DRP 24206	46.39 -1.93 0.00	44.00 -1.27 0.00	42.46 -1.22 0.00	44.50 -1.09 0.00	48.73 -0.94 0.00	50.82 -1.90 0.00	68.90 -4.55 0.00	79.14 -5.23 0.00	66.55 -2.06 13.79	58.56 -0.74 8.34	55.87 -0.85 8.48	53.53 -0.55 6.53	53.04 -0.73 7.02	56.52 -0.52 8.54	59.50 -0.56 10.03	71.82 -4.10 0.00	90.30 -7.43 0.00	124.08 -11.67 0.00	105.43 -11.20 0.00	96.32 -9.06 0.00	80.82 -7.60 0.00	73.23 -6.02 0.00	67.21 -4.60 0.00	62.30 -4.12 0.00
OXBOW____BTM 323836	45.96 -2.37 0.00	43.59 -1.67 0.00	42.03 -1.66 0.00	44.13 -1.46 0.00	48.23 -1.44 0.00	50.30 -2.42 0.00	68.09 -5.36 0.00	78.22 -6.16 0.00	65.72 -2.96 13.72	57.86 -1.49 8.29	55.26 -1.50 8.43	52.90 -1.21 6.49	52.65 -1.16 6.98	55.84 -1.25 8.50	58.78 -1.33 9.98	71.21 -4.71 0.00	90.00 -7.72 0.00	122.04 -13.71 0.00	105.90 -10.73 0.00	95.26 -10.12 0.00	80.02 -8.40 0.00	72.52 -6.74 0.00	66.49 -5.31 0.00	62.24 -4.18 0.00
OXBOW____ 24026	45.95 -2.37 0.00	43.59 -1.67 0.00	42.03 -1.66 0.00	44.04 -1.55 0.00	48.23 -1.44 0.00	50.30 -2.43 0.00	68.09 -5.36 0.00	78.22 -6.16 0.00	65.72 -2.97 13.72	57.86 -1.49 8.29	55.26 -1.50 8.43	52.90 -1.21 6.49	52.40 -1.40 6.98	55.84 -1.25 8.50	58.78 -1.33 9.98	71.06 -4.86 0.00	89.22 -8.50 0.00	122.04 -13.71 0.00	103.80 -12.83 0.00	95.26 -10.12 0.00	80.02 -8.40 0.00	72.52 -6.74 0.00	66.49 -5.31 0.00	61.64 -4.78 0.00
OXY_CHEM_DSASP 323612	45.37 -2.95 0.00	43.04 -2.22 0.00	41.50 -2.18 0.00	43.45 -2.14 0.00	47.54 -2.14 0.00	49.61 -3.11 0.00	67.06 -6.39 0.00	76.87 -7.51 0.00	64.47 -4.28 13.64	56.96 -2.44 8.25	54.33 -2.48 8.39	52.03 -2.12 6.46	51.53 -2.31 6.94	54.84 -2.30 8.45	57.79 -2.38 9.92	70.07 -5.85 0.00	88.05 -9.67 0.00	120.95 -14.80 0.00	102.75 -13.88 0.00	93.89 -11.49 0.00	78.96 -9.46 0.00	71.49 -7.77 0.00	65.42 -6.39 0.00	60.71 -5.71 0.00
OZONE_PARK_ESR 323760	51.32 3.00 0.00	47.84 2.58 0.00	46.05 2.36 0.00	47.92 2.33 0.00	52.11 2.43 0.00	55.46 2.74 0.00	77.71 4.26 0.00	89.35 4.98 0.00	85.05 3.21 0.57	70.01 2.71 0.34	67.32 2.48 0.35	62.52 2.18 0.27	62.75 2.25 0.29	67.40 2.16 0.35	71.64 1.96 0.41	79.33 3.42 0.00	102.51 4.79 0.00	142.00 6.24 0.00	122.69 6.06 0.00	110.65 5.27 0.00	92.49 4.07 0.00	82.98 3.72 0.00	75.11 3.30 0.00	69.54 3.12 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	45.37 -2.95 0.00	43.04 -2.22 0.00	41.50 -2.18 0.00	43.45 -2.14 0.00	47.54 -2.14 0.00	49.61 -3.11 0.00	67.06 -6.39 0.00	76.87 -7.51 0.00	64.47 -4.28 13.64	56.96 -2.44 8.25	54.33 -2.48 8.39	52.03 -2.12 6.46	51.53 -2.31 6.94	54.84 -2.30 8.45	57.79 -2.38 9.92	70.07 -5.85 0.00	88.05 -9.67 0.00	120.95 -14.80 0.00	102.75 -13.88 0.00	93.89 -11.49 0.00	78.96 -9.46 0.00	71.49 -7.77 0.00	65.42 -6.39 0.00	60.71 -5.71 0.00
PACKARD__115KV_DUPONT_184 80571	45.37 -2.95 0.00	43.05 -2.22 0.00	41.50 -2.18 0.00	43.54 -2.05 0.00	47.54 -2.13 0.00	49.61 -3.11 0.00	67.06 -6.39 0.00	76.95 -7.43 0.00	64.47 -4.29 13.64	56.96 -2.43 8.25	54.33 -2.48 8.39	52.03 -2.12 6.46	51.71 -2.13 6.94	54.90 -2.23 8.45	57.79 -2.38 9.92	70.14 -5.77 0.00	88.73 -8.99 0.00	120.96 -14.79 0.00	104.38 -12.24 0.00	93.90 -11.48 0.00	78.96 -9.46 0.00	71.49 -7.76 0.00	65.42 -6.39 0.00	61.31 -5.11 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.13 2.80 -0.01	47.76 2.49 -0.01	46.01 2.32 -0.01	47.88 2.28 -0.01	52.01 2.33 0.00	55.09 2.37 0.00	76.31 2.86 0.01	87.91 3.54 0.01	83.55 1.73 0.57	68.93 1.62 0.34	66.35 1.50 0.35	61.67 1.33 0.27	61.90 1.40 0.29	66.28 1.05 0.35	70.24 0.56 0.41	77.58 1.67 0.01	100.55 2.83 0.01	139.00 3.26 0.01	120.24 3.62 0.01	108.53 3.16 0.01	90.80 2.39 0.01	81.38 2.14 0.01	73.67 1.87 0.00	68.81 2.39 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	51.57 3.24 -0.01	48.12 2.85 -0.01	46.36 2.66 -0.01	48.29 2.69 -0.01	52.41 2.73 0.00	55.52 2.79 0.00	76.90 3.45 0.01	88.59 4.22 0.01	84.21 2.39 0.57	69.40 2.10 0.34	66.80 1.96 0.35	62.04 1.70 0.27	62.26 1.76 0.29	66.74 1.51 0.35	70.73 1.05 0.41	78.11 2.20 0.01	101.23 3.52 0.01	139.95 4.21 0.01	121.05 4.43 0.01	109.16 3.79 0.01	91.33 2.92 0.01	81.94 2.69 0.01	74.10 2.30 0.00	69.28 2.86 0.00
PATROON__115KV_TB1 80586	49.87 1.55 0.00	46.71 1.45 0.00	45.04 1.35 0.00	47.01 1.41 0.00	51.06 1.39 0.00	54.25 1.53 0.00	74.99 1.54 0.00	86.06 1.69 0.00	82.97 0.58 0.00	67.78 0.14 0.00	65.46 0.26 0.00	60.85 0.24 0.00	60.97 0.18 0.00	65.71 0.13 0.00	69.95 -0.14 0.00	76.98 1.06 0.00	99.09 1.37 0.00	137.79 2.04 0.00	118.73 2.10 0.00	107.06 1.69 0.00	89.66 1.24 0.00	80.36 1.11 0.00	72.96 1.15 0.00	67.88 1.46 0.00
PATTRSNVILLE____SOLAR 323815	49.63 1.31 0.00	46.39 1.13 0.00	44.73 1.05 0.00	46.73 1.14 0.00	50.92 1.24 0.00	54.25 1.53 0.00	75.58 2.13 0.00	86.57 2.19 0.00	82.89 0.50 0.00	67.31 -0.34 0.00	64.41 -0.78 0.00	59.58 -1.03 0.00	59.57 -1.22 0.00	64.40 -1.18 0.00	69.18 -0.91 0.00	76.83 0.91 0.00	100.06 2.34 0.00	139.42 3.67 0.00	119.89 3.26 0.00	108.11 2.74 0.00	90.54 2.12 0.00	80.92 1.67 0.00	73.38 1.58 0.00	68.01 1.59 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	46.63 -1.69 0.00	44.22 -1.04 0.00	42.64 -1.05 0.00	44.73 -0.87 0.00	49.03 -0.65 0.00	51.35 -1.37 0.00	70.29 -3.16 0.00	80.66 -3.71 0.00	68.93 0.99 14.46	60.53 1.62 8.74	57.74 1.43 8.89	55.34 1.58 6.85	54.88 1.46 7.36	58.46 1.84 8.96	61.47 1.89 10.52	73.56 -2.35 0.00	92.84 -4.89 0.00	128.15 -7.60 0.00	108.93 -7.70 0.00	99.06 -6.32 0.00	82.94 -5.48 0.00	74.97 -4.28 0.00	68.36 -3.45 0.00	63.23 -3.19 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	51.03 2.71 0.00	47.66 2.40 0.00	45.87 2.18 0.00	47.87 2.28 0.00	52.06 2.38 0.00	55.36 2.64 0.00	77.64 4.19 0.00	89.19 4.81 0.00	85.05 3.21 0.56	69.61 2.30 0.34	66.87 2.02 0.34	62.16 1.82 0.27	62.26 1.76 0.29	67.00 1.77 0.35	71.51 1.82 0.41	79.26 3.34 0.00	102.61 4.89 0.00	142.95 7.19 0.00	123.04 6.41 0.00	111.07 5.69 0.00	92.84 4.42 0.00	83.14 3.88 0.00	75.18 3.37 0.00	69.54 3.12 0.00
PEEKSKILL____ 23653	50.40 2.08 0.00	47.08 1.81 0.00	45.31 1.62 0.00	47.19 1.59 0.00	51.36 1.69 0.00	54.62 1.90 0.00	76.39 2.94 0.00	87.75 3.38 0.00	83.47 1.65 0.58	68.45 1.15 0.35	65.88 1.04 0.35	61.18 0.85 0.27	61.34 0.85 0.29	66.01 0.79 0.36	70.30 0.63 0.42	77.89 1.97 0.00	100.76 3.03 0.00	139.69 3.94 0.00	120.36 3.73 0.00	108.75 3.37 0.00	91.07 2.65 0.00	81.63 2.38 0.00	73.81 2.01 0.00	68.28 1.86 0.00
PGE MADISON__WINDPWR 24146	50.16 1.84 0.00	46.98 1.72 0.00	45.39 1.70 0.00	47.37 1.78 0.00	51.91 2.24 0.00	55.46 2.74 0.00	78.74 5.29 0.00	90.45 6.08 0.00	70.41 6.43 18.42	61.18 4.67 11.13	57.72 3.85 11.32	55.53 3.64 8.71	55.19 3.77 9.37	58.84 4.66 11.40	62.17 5.47 13.39	82.29 6.38 0.00	107.20 9.48 0.00	150.00 14.25 0.00	128.06 11.43 0.00	115.28 9.91 0.00	96.03 7.60 0.00	85.51 6.26 0.00	76.90 5.10 0.00	70.54 4.12 0.00

PIERCEFIELD___HYD 23852	48.23 -0.10 0.00	45.35 0.09 0.00	43.69 0.00 0.00	45.73 0.14 0.00	49.92 0.25 0.00	52.77 0.05 0.00	73.89 0.44 0.00	84.71 0.34 0.00	78.93 0.00 3.46	66.03 0.47 2.09	63.78 0.72 2.13	59.70 0.73 1.64	59.88 0.85 1.76	64.55 1.11 2.14	68.49 0.91 2.52	76.68 0.76 0.00	98.90 1.17 0.00	138.19 2.44 0.00	118.26 1.63 0.00	106.85 1.48 0.00	90.01 1.59 0.00	80.68 1.43 0.00	73.24 1.44 0.00	67.62 1.20 0.00
PINELAWN_CC_1 323563	52.04 3.72 0.00	48.34 3.08 0.00	46.53 2.84 0.00	48.15 2.55 0.00	52.60 2.93 0.00	56.52 3.80 0.00	78.59 5.14 0.00	90.71 6.33 0.00	84.71 2.88 0.56	68.45 1.15 0.34	66.61 1.76 0.35	61.61 1.27 0.27	61.83 1.34 0.29	67.07 1.83 0.35	71.50 1.82 0.41	80.63 4.71 0.00	104.57 6.84 -0.01	142.13 6.38 0.00	124.33 7.70 -0.01	112.65 7.27 -0.01	101.10 5.92 -6.75	99.38 5.39 -14.73	76.91 5.10 -0.01	71.15 4.72 -0.01
PJM_GEN_HTTP_PROXY 323702	50.88 2.56 0.00	47.48 2.22 0.00	45.66 1.97 0.00	47.55 1.96 0.00	51.71 2.04 0.00	55.04 2.32 0.00	77.05 3.60 0.00	88.51 4.13 0.00	84.22 2.39 0.57	69.27 1.96 0.34	66.61 1.76 0.35	61.91 1.57 0.27	62.08 1.58 0.29	66.74 1.51 0.35	70.94 1.26 0.41	78.57 2.66 0.00	101.53 3.81 0.00	140.50 4.75 0.00	121.17 4.54 0.00	109.48 4.11 0.00	91.60 3.18 0.00	82.10 2.85 0.00	74.39 2.58 0.00	68.75 2.32 0.00
PJM_GEN_KEystone 24065	48.13 -0.19 0.00	45.22 -0.05 0.00	43.29 -0.13 0.27	43.97 -0.09 1.53	45.80 -0.05 3.82	48.57 -0.26 3.89	60.34 -0.59 12.52	65.71 -0.93 17.74	63.93 -0.49 17.98	59.94 -0.14 7.57	58.85 -0.26 6.08	56.03 -0.24 4.33	53.05 -0.18 7.55	52.02 -0.26 13.30	50.10 -0.42 19.57	52.71 -0.91 22.30	58.15 -1.46 38.11	82.80 -2.86 50.09	75.11 -2.33 39.19	71.20 -2.22 31.96	64.36 -2.03 22.03	59.96 -1.58 17.71	57.08 -1.37 13.36	55.23 -1.07 10.13
PJM_GEN_NEPTUNE_PROXY 323594	51.37 3.05 0.00	47.75 2.49 0.00	45.96 2.27 0.00	47.65 2.05 0.00	51.96 2.29 0.00	55.78 3.06 0.00	77.56 4.11 0.00	89.52 5.15 0.00	83.89 2.06 0.56	67.98 0.68 0.34	66.08 1.24 0.35	61.19 0.85 0.27	61.41 0.91 0.29	66.47 1.24 0.35	70.87 1.19 0.41	79.56 3.64 0.00	102.91 5.18 -0.01	140.63 4.88 0.00	122.70 6.06 -0.01	110.86 5.48 -0.01	99.42 4.24 -6.75	97.87 3.88 -14.73	75.69 3.87 -0.01	70.01 3.58 -0.01
PJM_GEN_VFT_PROXY 323633	50.64 2.32 0.00	47.25 1.99 0.00	45.44 1.75 0.00	47.33 1.73 0.00	51.41 1.74 0.00	54.72 2.00 0.00	76.68 3.23 0.00	88.18 3.80 0.00	83.81 1.97 0.57	69.00 1.69 0.34	66.35 1.50 0.35	61.67 1.33 0.27	61.83 1.34 0.29	66.47 1.24 0.35	70.66 0.98 0.41	78.19 2.28 0.00	101.05 3.32 0.00	139.82 4.07 0.00	120.60 3.97 0.00	108.96 3.58 0.00	91.07 2.65 0.00	81.71 2.46 0.00	74.03 2.23 0.00	68.41 1.99 0.00
PLATSBURG_115KV_PMLD1 355749	48.27 -0.05 0.00	45.08 -0.18 0.00	43.43 -0.26 0.00	45.41 -0.18 0.00	49.57 -0.10 0.00	52.72 0.00 0.00	73.67 0.22 0.00	84.97 0.59 0.00	82.02 0.66 1.04	67.83 0.81 0.63	65.73 1.17 0.64	61.39 1.27 0.49	61.78 1.52 0.53	66.78 1.84 0.64	71.58 2.24 0.75	78.50 2.58 0.00	101.53 3.81 0.00	141.72 5.97 0.00	121.29 4.67 0.00	109.80 4.43 0.00	92.49 4.07 0.00	82.74 3.49 0.00	74.75 2.94 0.00	68.95 2.52 0.00
PLEASANTVLY___LBMP 24000	50.40 2.08 0.00	47.07 1.81 0.00	45.30 1.62 0.00	47.23 1.64 0.00	51.41 1.74 0.00	54.62 1.90 0.00	76.32 2.86 0.00	87.58 3.21 0.00	83.96 1.57 0.00	68.80 1.15 0.00	66.11 0.91 0.00	61.39 0.79 0.00	61.58 0.79 0.00	66.30 0.72 0.00	70.65 0.56 0.00	77.89 1.97 0.00	100.56 2.83 0.00	139.42 3.67 0.00	120.36 3.73 0.00	108.65 3.27 0.00	90.90 2.48 0.00	81.47 2.22 0.00	73.82 2.01 0.00	68.41 1.99 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.74 2.42 0.00	47.34 2.08 0.00	45.57 1.88 0.00	47.51 1.91 0.00	51.66 1.99 0.00	54.94 2.21 0.00	76.83 3.38 0.00	88.34 3.97 0.00	84.06 2.22 0.56	69.00 1.69 0.34	66.35 1.50 0.34	61.67 1.33 0.27	61.84 1.34 0.29	66.48 1.25 0.35	70.81 1.12 0.41	78.50 2.58 0.00	101.44 3.71 0.00	140.50 4.75 0.00	121.41 4.78 0.00	109.49 4.11 0.00	91.60 3.18 0.00	82.11 2.85 0.00	74.32 2.51 0.00	68.88 2.46 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.74 2.42 0.00	47.34 2.08 0.00	45.57 1.88 0.00	47.51 1.91 0.00	51.66 1.99 0.00	54.94 2.21 0.00	76.83 3.38 0.00	88.34 3.97 0.00	84.06 2.22 0.56	69.00 1.69 0.34	66.35 1.50 0.34	61.67 1.33 0.27	61.84 1.34 0.29	66.48 1.25 0.35	70.81 1.12 0.41	78.50 2.58 0.00	101.44 3.71 0.00	140.50 4.75 0.00	121.41 4.78 0.00	109.49 4.11 0.00	91.60 3.18 0.00	82.11 2.85 0.00	74.32 2.51 0.00	68.88 2.46 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.69 2.37 0.00	47.34 2.08 0.00	45.61 1.92 0.00	47.55 1.96 0.00	51.76 2.09 0.00	54.99 2.27 0.00	76.98 3.53 0.00	88.43 4.05 0.00	84.31 2.47 0.56	69.07 1.76 0.34	66.29 1.43 0.34	61.61 1.27 0.26	61.78 1.28 0.28	66.48 1.25 0.35	70.88 1.19 0.41	78.57 2.66 0.00	101.63 3.91 0.00	141.32 5.57 0.00	121.88 5.25 0.00	110.02 4.64 0.00	92.05 3.63 0.00	82.42 3.17 0.00	74.61 2.80 0.00	69.01 2.59 0.00
POLETTI____ 23519	50.55 2.22 -0.01	47.17 1.90 -0.01	45.66 1.97 -0.01	47.33 1.73 -0.01	51.41 1.74 0.00	54.46 1.74 0.00	75.28 1.84 0.01	86.90 2.53 0.01	82.57 0.74 0.57	68.05 0.74 0.34	65.50 0.65 0.35	60.88 0.55 0.27	61.11 0.61 0.29	65.43 0.20 0.35	69.33 -0.35 0.41	76.67 0.76 0.01	99.47 1.76 0.01	137.51 1.76 0.01	118.95 2.33 0.01	107.27 1.90 0.01	89.74 1.33 0.01	80.43 1.19 0.01	72.74 0.93 0.00	67.95 1.53 0.00
POMONA___ESR 323819	50.35 2.03 0.00	47.03 1.76 0.00	45.26 1.57 0.00	47.19 1.59 0.00	51.31 1.64 0.00	54.57 1.84 0.00	76.39 2.94 0.00	87.66 3.29 0.00	83.30 1.48 0.59	68.37 1.08 0.35	65.68 0.85 0.36	61.06 0.73 0.28	61.22 0.73 0.30	65.88 0.66 0.36	70.16 0.49 0.43	77.74 1.82 0.00	100.56 2.84 0.00	139.42 3.67 0.00	120.12 3.50 0.00	108.54 3.16 0.00	90.81 2.39 0.00	81.39 2.14 0.00	73.67 1.86 0.00	68.08 1.66 0.00
PORT_JEFF_3 23555	52.04 3.72 0.00	48.34 3.08 0.00	46.49 2.80 0.00	48.10 2.51 0.00	52.55 2.88 0.00	56.57 3.85 0.00	78.01 4.56 0.00	90.19 5.82 0.00	83.81 1.97 0.56	67.44 0.14 0.34	65.69 0.85 0.35	60.77 0.43 0.27	60.93 0.43 0.29	66.15 0.92 0.35	70.73 1.05 0.41	79.94 4.02 0.00	104.47 6.74 -0.01	139.42 3.67 0.00	123.28 6.64 -0.01	112.03 6.64 -0.01	101.19 6.02 -6.75	99.45 5.46 -14.73	77.13 5.31 -0.01	71.35 4.92 -0.01
PORT_JEFF_4 23616	52.04 3.72 0.00	48.34 3.08 0.00	46.49 2.80 0.00	48.10 2.51 0.00	52.55 2.88 0.00	56.57 3.85 0.00	78.01 4.56 0.00	90.19 5.82 0.00	83.81 1.97 0.56	67.44 0.14 0.34	65.69 0.85 0.35	60.77 0.43 0.27	60.93 0.43 0.29	66.15 0.92 0.35	70.73 1.05 0.41	79.94 4.02 0.00	104.47 6.74 -0.01	139.42 3.67 0.00	123.28 6.64 -0.01	112.03 6.64 -0.01	101.19 6.02 -6.75	99.45 5.46 -14.73	77.13 5.31 -0.01	71.35 4.92 -0.01

PORT_JEFF_IC 23713	52.14 3.82 0.00	48.39 3.12 0.00	46.57 2.88 0.00	48.28 2.69 0.00	52.65 2.98 0.00	56.62 3.90 0.00	78.08 4.63 0.00	90.37 5.99 0.00	83.81 1.98 0.56	67.58 0.27 0.34	65.76 0.91 0.35	60.76 0.42 0.27	61.05 0.55 0.29	66.02 0.79 0.35	70.73 1.05 0.41	80.02 4.10 0.00	104.66 6.94 0.00	139.42 3.67 0.00	123.98 7.35 0.00	112.33 6.95 0.00	101.45 6.28 -6.75	99.69 5.71 -14.73	77.34 5.53 0.00	71.60 5.18 0.00
PPL PILGRIM_ST_GT1 24216	52.58 4.25 0.00	48.84 3.57 0.00	46.97 3.28 0.00	48.60 3.01 0.00	53.10 3.42 0.00	57.20 4.48 0.00	79.48 6.02 0.00	91.80 7.43 0.00	85.54 3.71 0.56	68.93 1.62 0.34	67.07 2.22 0.35	62.03 1.69 0.27	62.20 1.70 0.29	67.53 2.29 0.35	72.13 2.45 0.41	81.46 5.54 0.00	105.84 8.11 -0.01	142.13 6.38 0.00	125.04 8.40 -0.01	113.82 8.43 -0.01	102.43 7.25 -6.75	100.48 6.50 -14.73	77.91 6.10 -0.01	72.14 5.71 -0.01
PPL PILGRIM_ST_GT2 24217	52.58 4.25 0.00	48.84 3.57 0.00	46.97 3.28 0.00	48.60 3.01 0.00	53.10 3.42 0.00	57.20 4.48 0.00	79.48 6.02 0.00	91.80 7.43 0.00	85.54 3.71 0.56	68.93 1.62 0.34	67.07 2.22 0.35	62.03 1.69 0.27	62.20 1.70 0.29	67.53 2.29 0.35	72.13 2.45 0.41	81.46 5.54 0.00	105.84 8.11 -0.01	142.13 6.38 0.00	125.04 8.40 -0.01	113.82 8.43 -0.01	102.43 7.25 -6.75	100.48 6.50 -14.73	77.91 6.10 -0.01	72.14 5.71 -0.01
PPL_SHRM_GT3 24213	52.38 4.06 0.00	48.61 3.35 0.00	46.75 3.06 0.00	48.33 2.74 0.00	52.86 3.18 0.00	56.94 4.22 0.00	77.05 3.60 0.00	89.52 5.15 0.00	82.00 0.17 0.56	65.88 -1.42 0.34	64.20 -0.65 0.35	59.31 -1.03 0.27	59.46 -1.03 0.29	64.64 -0.59 0.35	69.26 -0.42 0.41	79.03 3.11 0.00	105.55 7.82 -0.01	140.78 5.03 0.00	125.39 8.75 -0.01	113.82 8.43 -0.01	102.43 7.25 -6.75	100.48 6.50 -14.73	78.06 6.24 -0.01	72.21 5.78 -0.01
PPL_SHRM_GT4 24214	52.38 4.06 0.00	48.61 3.35 0.00	46.75 3.06 0.00	48.33 2.74 0.00	52.86 3.18 0.00	56.94 4.22 0.00	77.05 3.60 0.00	89.52 5.15 0.00	82.00 0.17 0.56	65.88 -1.42 0.34	64.20 -0.65 0.35	59.31 -1.03 0.27	59.46 -1.03 0.29	64.64 -0.59 0.35	69.26 -0.42 0.41	79.03 3.11 0.00	105.55 7.82 -0.01	140.78 5.03 0.00	125.39 8.75 -0.01	113.82 8.43 -0.01	102.43 7.25 -6.75	100.48 6.50 -14.73	78.06 6.24 -0.01	72.21 5.78 -0.01
PROJECT___ORANGE 1 24174	47.36 -0.97 0.00	44.40 -0.86 0.00	42.90 -0.79 0.00	44.73 -0.87 0.00	48.78 -0.89 0.00	51.72 -1.00 0.00	72.13 -1.32 0.00	82.60 -1.77 0.00	55.46 -1.98 24.96	50.94 -1.62 15.08	48.23 -1.63 15.34	47.29 -1.52 11.80	46.51 -1.58 12.69	48.49 -1.64 15.45	50.13 -1.82 18.14	74.47 -1.44 0.00	95.57 -2.15 0.00	132.76 -2.99 0.00	113.71 -2.92 0.00	102.85 -2.53 0.00	86.12 -2.30 0.00	77.27 -1.98 0.00	69.87 -1.94 0.00	64.63 -1.79 0.00
PROJECT___ORANGE 2 24166	47.36 -0.97 0.00	44.40 -0.86 0.00	42.90 -0.79 0.00	44.73 -0.87 0.00	48.78 -0.89 0.00	51.72 -1.00 0.00	72.13 -1.32 0.00	82.60 -1.77 0.00	55.46 -1.98 24.96	50.94 -1.62 15.08	48.23 -1.63 15.34	47.29 -1.52 11.80	46.51 -1.58 12.69	48.49 -1.64 15.45	50.13 -1.82 18.14	74.47 -1.44 0.00	95.57 -2.15 0.00	132.76 -2.99 0.00	113.71 -2.92 0.00	102.85 -2.53 0.00	86.12 -2.30 0.00	77.27 -1.98 0.00	69.87 -1.94 0.00	64.63 -1.79 0.00
PUCKETT___SOLAR 323809	48.61 0.29 0.00	45.62 0.36 0.00	44.04 0.35 0.00	46.00 0.41 0.00	50.22 0.55 0.00	53.30 0.58 0.00	74.62 1.17 0.00	84.80 0.42 0.00	63.54 1.40 20.26	56.42 1.02 12.24	53.46 0.72 12.45	51.69 0.67 9.58	51.15 0.67 10.30	53.89 0.85 12.54	56.42 1.05 14.73	76.75 0.84 0.00	98.90 1.18 0.00	137.25 1.50 0.00	117.68 1.05 0.00	106.01 0.64 0.00	88.60 0.18 0.00	79.41 0.16 0.00	71.73 -0.07 0.00	66.36 -0.07 0.00
PYRITES___HYD 24023	49.10 0.77 0.00	46.12 0.86 0.00	44.43 0.74 0.00	46.46 0.87 0.00	50.77 1.09 0.00	53.83 1.11 0.00	75.51 2.06 0.00	86.74 2.36 0.00	81.09 1.90 3.21	67.54 1.83 1.94	65.05 1.83 1.97	60.85 1.76 1.52	61.04 1.88 1.63	65.83 2.23 1.98	70.07 2.31 2.33	78.35 2.43 0.00	101.34 3.62 0.00	141.72 5.97 0.00	121.18 4.55 0.00	109.49 4.11 0.00	92.22 3.80 0.00	82.50 3.25 0.00	74.75 2.94 0.00	68.95 2.52 0.00
QUAKERRD_115KV_BK1 80622	46.20 -2.13 0.00	43.50 -1.77 0.00	41.98 -1.70 0.00	43.86 -1.73 0.00	47.98 -1.69 0.00	50.67 -2.06 0.00	70.07 -3.38 0.00	80.49 -3.88 0.00	65.38 -3.71 13.30	56.90 -2.71 8.04	54.35 -2.67 8.17	51.95 -2.36 6.29	51.41 -2.61 6.77	54.66 -2.69 8.23	57.62 -2.80 9.67	72.88 -3.04 0.00	92.93 -4.79 0.00	128.83 -6.92 0.00	109.86 -6.76 0.00	99.79 -5.59 0.00	83.65 -4.77 0.00	75.21 -4.04 0.00	68.07 -3.73 0.00	62.97 -3.45 0.00
QUENSBRY_115KV_TB8 356137	51.61 3.29 0.00	48.25 2.99 0.00	46.48 2.80 0.00	48.60 3.01 0.00	52.95 3.28 0.00	56.57 3.85 0.00	77.12 3.67 0.00	88.51 4.13 0.00	85.28 2.88 0.00	69.34 1.69 0.00	66.50 1.30 0.00	61.39 0.79 0.00	61.39 0.61 0.00	66.17 0.59 0.00	70.93 0.84 0.00	78.42 2.51 0.00	101.53 3.81 0.00	142.00 6.24 0.00	121.99 5.36 0.00	109.80 4.43 0.00	92.22 3.80 0.00	82.18 2.93 0.00	74.46 2.66 0.00	69.21 2.79 0.00
RAMAPO___LBMP 323565	50.16 1.84 0.00	46.85 1.58 0.00	45.09 1.40 0.00	47.01 1.41 0.00	51.11 1.44 0.00	54.36 1.63 0.00	76.02 2.57 0.00	87.33 2.95 0.00	82.96 1.15 0.59	68.10 0.81 0.36	65.48 0.65 0.37	60.81 0.48 0.28	61.03 0.55 0.30	65.61 0.39 0.37	69.94 0.28 0.43	77.44 1.52 0.00	100.07 2.35 0.00	138.74 2.99 0.00	119.89 3.27 0.00	108.12 2.74 0.00	90.54 2.12 0.00	81.15 1.90 0.00	73.39 1.58 0.00	68.02 1.59 0.00
RANKINE____ 23646	46.53 -1.79 0.00	44.18 -1.09 0.00	42.60 -1.09 0.00	44.73 -0.87 0.00	48.98 -0.70 0.00	51.30 -1.42 0.00	69.85 -3.60 0.00	80.24 -4.13 0.00	67.32 -0.91 14.17	59.14 0.07 8.57	56.41 -0.07 8.72	54.07 0.18 6.71	53.63 0.06 7.22	57.19 0.39 8.78	60.13 0.35 10.31	73.11 -2.81 0.00	92.15 -5.57 0.00	126.93 -8.82 0.00	107.88 -8.75 0.00	98.21 -7.17 0.00	82.32 -6.10 0.00	74.50 -4.76 0.00	68.07 -3.73 0.00	62.97 -3.45 0.00
RAVENSWOOD_GT2_1 24244	50.93 2.61 0.00	47.53 2.26 0.00	45.70 2.01 0.00	47.65 2.05 0.00	51.76 2.09 0.00	55.09 2.37 0.00	76.98 3.53 0.00	88.51 4.13 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.14 1.64 0.29	66.74 1.51 0.35	70.94 1.26 0.41	78.57 2.66 0.00	101.44 3.71 0.00	140.37 4.62 0.00	121.41 4.78 0.00	109.49 4.11 0.00	91.52 3.09 0.00	82.11 2.85 0.00	74.39 2.59 0.00	68.95 2.52 0.00
RAVENSWOOD_GT2_2 24245	50.93 2.61 0.00	47.53 2.26 0.00	45.70 2.01 0.00	47.65 2.05 0.00	51.76 2.09 0.00	55.09 2.37 0.00	76.98 3.53 0.00	88.51 4.13 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.14 1.64 0.29	66.74 1.51 0.35	70.94 1.26 0.41	78.57 2.66 0.00	101.44 3.71 0.00	140.37 4.62 0.00	121.41 4.78 0.00	109.49 4.11 0.00	91.52 3.09 0.00	82.11 2.85 0.00	74.39 2.59 0.00	68.95 2.52 0.00

RAVENSWOOD_GT2_3 24246	50.93 2.61 0.00	47.53 2.26 0.00	45.70 2.01 0.00	47.65 2.05 0.00	51.76 2.09 0.00	55.09 2.37 0.00	77.05 3.60 0.00	88.51 4.13 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.14 1.64 0.29	66.74 1.51 0.35	70.94 1.26 0.41	78.57 2.66 0.00	101.44 3.71 0.00	140.50 4.75 0.00	121.41 4.78 0.00	109.49 4.11 0.00	91.60 3.18 0.00	82.11 2.85 0.00	74.39 2.59 0.00	68.95 2.52 0.00
RAVENSWOOD_GT2_4 24247	50.93 2.61 0.00	47.53 2.26 0.00	45.70 2.01 0.00	47.65 2.05 0.00	51.76 2.09 0.00	55.09 2.37 0.00	77.05 3.60 0.00	88.51 4.13 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.14 1.64 0.29	66.74 1.51 0.35	70.94 1.26 0.41	78.57 2.66 0.00	101.44 3.71 0.00	140.50 4.75 0.00	121.41 4.78 0.00	109.49 4.11 0.00	91.60 3.18 0.00	82.11 2.85 0.00	74.39 2.59 0.00	68.95 2.52 0.00
RAVENSWOOD_GT3_1 24248	50.93 2.61 0.00	47.53 2.26 0.00	45.70 2.01 0.00	47.65 2.05 0.00	51.76 2.09 0.00	55.09 2.37 0.00	77.05 3.60 0.00	88.51 4.13 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.14 1.64 0.29	66.74 1.51 0.35	70.94 1.26 0.41	78.57 2.66 0.00	101.44 3.71 0.00	140.50 4.75 0.00	121.41 4.78 0.00	109.49 4.11 0.00	91.60 3.18 0.00	82.11 2.85 0.00	74.39 2.59 0.00	68.95 2.52 0.00
RAVENSWOOD_GT3_2 24249	50.93 2.61 0.00	47.53 2.26 0.00	45.70 2.01 0.00	47.65 2.05 0.00	51.76 2.09 0.00	55.09 2.37 0.00	77.05 3.60 0.00	88.51 4.13 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.14 1.64 0.29	66.74 1.51 0.35	70.94 1.26 0.41	78.57 2.66 0.00	101.44 3.71 0.00	140.50 4.75 0.00	121.41 4.78 0.00	109.49 4.11 0.00	91.60 3.18 0.00	82.11 2.85 0.00	74.39 2.59 0.00	68.95 2.52 0.00
RAVENSWOOD_GT3_3 24250	51.03 2.71 0.00	47.57 2.31 0.00	45.79 2.10 0.00	47.69 2.10 0.00	51.81 2.14 0.00	55.15 2.43 0.00	77.12 3.67 0.00	88.68 4.30 0.00	84.39 2.55 0.57	69.47 2.16 0.34	66.80 1.96 0.35	62.10 1.76 0.27	62.26 1.76 0.29	66.87 1.64 0.35	71.08 1.40 0.41	78.73 2.81 0.00	101.63 3.91 0.00	140.64 4.89 0.00	121.64 5.02 0.00	109.70 4.32 0.00	91.69 3.27 0.00	82.26 3.01 0.00	74.46 2.66 0.00	69.08 2.66 0.00
RAVENSWOOD_GT3_4 24251	51.03 2.71 0.00	47.57 2.31 0.00	45.79 2.10 0.00	47.69 2.10 0.00	51.81 2.14 0.00	55.15 2.43 0.00	77.12 3.67 0.00	88.68 4.30 0.00	84.39 2.55 0.57	69.47 2.16 0.34	66.80 1.96 0.35	62.10 1.76 0.27	62.26 1.76 0.29	66.87 1.64 0.35	71.08 1.40 0.41	78.73 2.81 0.00	101.63 3.91 0.00	140.64 4.89 0.00	121.64 5.02 0.00	109.70 4.32 0.00	91.69 3.27 0.00	82.26 3.01 0.00	74.46 2.66 0.00	69.08 2.66 0.00
RAVENSWOOD_GT_1 23729	51.23 2.90 -0.01	47.81 2.53 -0.01	45.97 2.27 -0.01	47.93 2.33 -0.01	52.01 2.33 0.00	55.30 2.58 0.00	76.83 3.38 0.00	88.34 3.97 0.00	84.06 2.22 0.56	69.40 2.10 0.34	66.80 1.96 0.35	62.04 1.70 0.27	62.26 1.76 0.29	66.74 1.51 0.35	70.73 1.05 0.41	78.19 2.28 0.01	101.04 3.32 0.01	139.82 4.07 0.01	120.82 4.20 0.01	108.95 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.18 2.37 0.00	69.08 2.66 0.00
RAVENSWOOD_GT_10 24258	50.93 2.61 0.00	47.52 2.26 0.00	45.70 2.01 0.00	47.64 2.05 0.00	51.76 2.09 0.00	55.09 2.37 0.00	77.05 3.60 0.00	88.60 4.22 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.14 1.64 0.29	66.74 1.51 0.35	71.01 1.33 0.41	78.57 2.66 0.00	101.44 3.71 0.00	140.50 4.75 0.00	121.41 4.78 0.00	109.49 4.11 0.00	91.60 3.18 0.00	82.10 2.85 0.00	74.39 2.59 0.00	68.95 2.52 0.00
RAVENSWOOD_GT_11 24259	50.93 2.61 0.00	47.52 2.26 0.00	45.70 2.01 0.00	47.64 2.05 0.00	51.76 2.09 0.00	55.09 2.37 0.00	77.05 3.60 0.00	88.60 4.22 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.14 1.64 0.29	66.74 1.51 0.35	71.01 1.33 0.41	78.57 2.66 0.00	101.44 3.71 0.00	140.50 4.75 0.00	121.41 4.78 0.00	109.49 4.11 0.00	91.60 3.18 0.00	82.10 2.85 0.00	74.39 2.59 0.00	68.95 2.52 0.00
RAVENSWOOD_GT_4 24252	51.04 2.71 -0.01	47.62 2.35 -0.01	45.79 2.10 -0.01	47.74 2.14 -0.01	51.81 2.14 0.00	55.15 2.43 0.00	76.90 3.45 0.00	88.42 4.05 0.00	84.14 2.31 0.57	69.33 2.03 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.20 1.70 0.29	66.74 1.51 0.35	70.87 1.19 0.41	78.43 2.51 -0.01	101.25 3.52 -0.01	140.24 4.48 -0.01	121.18 4.55 -0.01	109.29 3.90 -0.01	91.44 3.01 -0.01	81.95 2.69 -0.01	74.25 2.44 0.00	69.01 2.59 0.00
RAVENSWOOD_GT_5 24254	51.04 2.71 -0.01	47.62 2.35 -0.01	45.79 2.10 -0.01	47.74 2.14 -0.01	51.81 2.14 0.00	55.15 2.43 0.00	76.90 3.45 0.00	88.42 4.05 0.00	84.14 2.31 0.57	69.33 2.03 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.20 1.70 0.29	66.74 1.51 0.35	70.87 1.19 0.41	78.43 2.51 -0.01	101.25 3.52 -0.01	140.24 4.48 -0.01	121.18 4.55 -0.01	109.29 3.90 -0.01	91.44 3.01 -0.01	81.95 2.69 -0.01	74.25 2.44 0.00	69.01 2.59 0.00
RAVENSWOOD_GT_6 24253	51.04 2.71 -0.01	47.62 2.35 -0.01	45.79 2.10 -0.01	47.74 2.14 -0.01	51.81 2.14 0.00	55.15 2.43 0.00	76.90 3.45 0.00	88.42 4.05 0.00	84.14 2.31 0.57	69.33 2.03 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.20 1.70 0.29	66.74 1.51 0.35	70.87 1.19 0.41	78.43 2.51 -0.01	101.25 3.52 -0.01	140.24 4.48 -0.01	121.18 4.55 -0.01	109.29 3.90 -0.01	91.44 3.01 -0.01	81.95 2.69 -0.01	74.25 2.44 0.00	69.01 2.59 0.00
RAVENSWOOD_GT_7 24255	51.04 2.71 -0.01	47.62 2.35 -0.01	45.79 2.10 -0.01	47.74 2.14 -0.01	51.81 2.14 0.00	55.15 2.43 0.00	76.90 3.45 0.00	88.42 4.05 0.00	84.14 2.31 0.57	69.33 2.03 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.20 1.70 0.29	66.74 1.51 0.35	70.87 1.19 0.41	78.43 2.51 -0.01	101.25 3.52 -0.01	140.24 4.48 -0.01	121.18 4.55 -0.01	109.29 3.90 -0.01	91.44 3.01 -0.01	81.95 2.69 -0.01	74.25 2.44 0.00	69.01 2.59 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.93 2.61 0.00	47.52 2.26 0.00	45.70 2.01 0.00	47.64 2.05 0.00	51.76 2.09 0.00	55.09 2.37 0.00	77.05 3.60 0.00	88.60 4.22 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.14 1.64 0.29	66.74 1.51 0.35	71.01 1.33 0.41	78.57 2.66 0.00	101.44 3.71 0.00	140.50 4.75 0.00	121.41 4.78 0.00	109.49 4.11 0.00	91.60 3.18 0.00	82.10 2.85 0.00	74.39 2.59 0.00	68.95 2.52 0.00
RAVENSWOOD_GT_9 24257	50.93 2.61 0.00	47.52 2.26 0.00	45.70 2.01 0.00	47.64 2.05 0.00	51.76 2.09 0.00	55.09 2.37 0.00	77.05 3.60 0.00	88.60 4.22 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.14 1.64 0.29	66.74 1.51 0.35	71.01 1.33 0.41	78.57 2.66 0.00	101.44 3.71 0.00	140.50 4.75 0.00	121.41 4.78 0.00	109.49 4.11 0.00	91.60 3.18 0.00	82.10 2.85 0.00	74.39 2.59 0.00	68.95 2.52 0.00

RAVENSWOOD___1 23533	51.23 2.90 -0.01	47.80 2.53 -0.01	45.97 2.27 -0.01	47.88 2.28 -0.01	51.96 2.29 0.00	55.25 2.53 0.00	76.83 3.38 0.00	88.34 3.97 0.00	83.97 2.14 0.57	69.40 2.10 0.34	66.80 1.95 0.35	62.03 1.69 0.27	62.20 1.70 0.29	66.74 1.51 0.35	70.73 1.05 0.41	78.11 2.20 0.01	101.04 3.32 0.01	139.81 4.07 0.01	120.59 3.97 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.88 2.46 0.00
RAVENSWOOD___2 23534	51.23 2.90 -0.01	47.76 2.49 -0.01	45.97 2.27 -0.01	47.88 2.28 -0.01	51.96 2.29 0.00	55.25 2.53 0.00	76.83 3.38 0.00	88.34 3.97 0.00	83.97 2.14 0.57	69.33 2.03 0.34	66.74 1.89 0.35	62.03 1.69 0.27	62.20 1.70 0.29	66.67 1.44 0.35	70.73 1.05 0.41	78.11 2.20 0.01	101.04 3.32 0.01	139.68 3.94 0.01	120.59 3.97 0.01	108.96 3.58 0.01	91.16 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.81 2.39 0.00
RAVENSWOOD___3 23535	50.93 2.61 0.00	47.52 2.26 0.00	45.70 2.01 0.00	47.60 2.00 0.00	51.76 2.09 0.00	55.10 2.37 0.00	77.05 3.60 0.00	88.51 4.13 0.00	84.22 2.39 0.57	69.33 2.03 0.34	66.67 1.82 0.35	61.98 1.64 0.27	62.14 1.64 0.29	66.74 1.51 0.35	71.01 1.33 0.41	78.50 2.58 0.00	101.53 3.81 0.00	140.50 4.75 0.00	121.17 4.54 0.00	109.48 4.11 0.00	91.60 3.18 0.00	82.10 2.85 0.00	74.39 2.58 0.00	68.81 2.39 0.00
RAVENSWOOD___4 23820	51.18 2.85 -0.01	47.76 2.49 -0.01	45.92 2.23 -0.01	47.83 2.23 -0.01	51.96 2.29 0.00	55.25 2.53 0.00	76.83 3.38 0.00	88.34 3.97 0.00	83.97 2.14 0.57	69.33 2.03 0.34	66.74 1.89 0.35	62.03 1.69 0.27	62.20 1.70 0.29	66.67 1.44 0.35	70.73 1.05 0.41	78.11 2.20 0.01	100.93 3.22 0.01	139.68 3.94 0.01	120.59 3.97 0.01	108.95 3.58 0.01	91.06 2.65 0.01	81.70 2.46 0.01	74.10 2.30 0.00	68.81 2.39 0.00
RCPL_TRUST___DRP 24196	50.93 2.61 0.00	47.48 2.22 0.00	45.70 2.01 0.00	47.60 2.01 0.00	51.76 2.09 0.00	55.04 2.32 0.00	77.12 3.67 0.00	88.68 4.30 0.00	84.30 2.47 0.57	69.40 2.10 0.34	66.74 1.89 0.35	61.97 1.64 0.27	62.20 1.70 0.29	66.81 1.57 0.35	71.08 1.40 0.41	78.73 2.81 0.00	101.63 3.91 0.00	140.64 4.89 0.00	121.53 4.90 0.00	109.59 4.22 0.00	91.69 3.27 0.00	82.18 2.93 0.00	74.46 2.66 0.00	68.95 2.52 0.00
RED___ROCHESTER 323720	47.40 -0.92 0.00	44.72 -0.54 0.00	43.12 -0.57 0.00	45.09 -0.50 0.00	49.38 -0.30 0.00	52.03 -0.69 0.00	71.91 -1.55 0.00	82.69 -1.69 0.00	68.25 -1.15 12.99	59.25 -0.54 7.85	56.62 -0.59 7.98	54.04 -0.42 6.14	53.63 -0.55 6.61	56.95 -0.59 8.04	60.16 -0.49 9.44	75.08 -0.83 0.00	95.97 -1.76 0.00	132.22 -3.53 0.00	113.49 -3.14 0.00	102.43 -2.95 0.00	85.95 -2.48 0.00	77.27 -1.98 0.00	69.87 -1.94 0.00	65.02 -1.40 0.00
REGAN___SOLAR 323812	50.11 1.79 0.00	46.80 1.54 0.00	45.09 1.40 0.00	47.10 1.50 0.00	51.41 1.74 0.00	55.04 2.32 0.00	76.98 3.53 0.00	88.08 3.71 0.00	83.55 1.15 0.00	66.84 -0.81 0.00	63.50 -1.70 0.00	58.24 -2.36 0.00	58.17 -2.61 0.00	63.22 -2.36 0.00	68.62 -1.48 0.00	77.66 1.75 0.00	101.92 4.20 0.00	142.81 7.05 0.00	122.69 6.06 0.00	110.33 4.95 0.00	92.40 3.98 0.00	82.26 3.01 0.00	74.60 2.80 0.00	69.08 2.66 0.00
RENSSELAER___COGEN 23796	49.67 1.35 0.00	46.53 1.27 0.00	44.87 1.18 0.00	46.82 1.23 0.00	50.86 1.19 0.00	53.98 1.26 0.00	74.56 1.10 0.00	85.56 1.18 0.00	82.40 0.00 0.00	67.38 -0.27 0.00	65.00 -0.19 0.00	60.42 -0.18 0.00	60.54 -0.24 0.00	65.19 -0.39 0.00	69.46 -0.63 0.00	76.45 0.54 0.00	98.41 0.69 0.00	136.71 0.96 0.00	117.56 0.93 0.00	106.33 0.95 0.00	89.13 0.70 0.00	79.88 0.63 0.00	72.60 0.79 0.00	67.42 1.00 0.00
REPUBLIC_115KV_BARTNBRK 55605	53.20 4.88 0.00	49.70 4.44 0.00	47.88 4.19 0.00	50.06 4.47 0.00	54.64 4.97 0.00	58.63 5.90 0.00	80.28 6.83 0.00	92.39 8.02 0.00	89.07 6.67 0.00	71.98 4.33 0.00	68.78 3.59 0.00	63.27 2.67 0.00	63.10 2.31 0.00	68.20 2.62 0.00	73.53 3.43 0.00	81.61 5.69 0.00	106.13 8.40 0.00	148.92 13.17 0.00	127.83 11.20 0.00	114.76 9.38 0.00	96.29 7.87 0.00	85.51 6.26 0.00	77.34 5.53 0.00	71.87 5.45 0.00
REVERE_CPPR_DRP 24186	49.29 0.97 0.00	46.17 0.91 0.00	44.56 0.87 0.00	46.51 0.91 0.00	50.77 1.09 0.00	53.99 1.27 0.00	75.88 2.42 0.00	89.95 5.57 0.00	82.12 5.19 5.47	68.47 4.13 3.31	65.55 3.72 3.36	61.35 3.33 2.59	61.53 3.53 2.78	66.46 4.26 3.39	70.88 4.77 3.98	81.54 5.62 0.00	106.32 8.60 0.00	148.78 13.03 0.00	127.36 10.73 0.00	114.44 9.06 0.00	95.76 7.34 0.00	85.43 6.18 0.00	77.12 5.31 0.00	70.61 4.18 0.00
REYNLDPA_13_KV_LD 356490	48.57 0.24 0.00	45.54 0.27 0.00	43.91 0.22 0.00	45.91 0.32 0.00	50.07 0.40 0.00	53.20 0.47 0.00	74.19 0.73 0.00	85.31 0.93 0.00	82.02 0.74 1.12	67.72 0.75 0.67	65.35 0.85 0.69	60.99 0.91 0.53	61.19 0.97 0.57	66.00 1.11 0.69	70.61 1.33 0.81	77.36 1.44 0.00	98.50 0.78 0.00	137.39 1.63 0.00	117.68 1.05 0.00	106.54 1.16 0.00	90.36 1.94 0.00	81.15 1.90 0.00	73.46 1.65 0.00	67.82 1.40 0.00
REYNOLDS_115KV_TB3 80639	49.97 1.64 0.00	46.76 1.49 0.00	45.09 1.40 0.00	47.05 1.46 0.00	51.16 1.49 0.00	54.30 1.58 0.00	75.21 1.76 0.00	86.23 1.86 0.00	83.06 0.66 0.00	67.85 0.20 0.00	65.39 0.20 0.00	60.79 0.18 0.00	60.91 0.12 0.00	65.58 0.00 0.00	69.88 -0.21 0.00	76.98 1.06 0.00	99.09 1.37 0.00	137.65 1.90 0.00	118.73 2.10 0.00	107.06 1.69 0.00	89.84 1.41 0.00	80.52 1.27 0.00	73.03 1.22 0.00	67.88 1.46 0.00
RIVERBAY____ 323610	51.57 3.24 -0.01	48.12 2.85 -0.01	46.36 2.66 -0.01	48.29 2.69 -0.01	52.41 2.73 0.00	55.52 2.79 0.00	76.90 3.45 0.01	88.59 4.22 0.01	84.21 2.39 0.57	69.40 2.10 0.34	66.80 1.96 0.35	62.04 1.70 0.27	62.26 1.76 0.29	66.74 1.51 0.35	70.73 1.05 0.41	78.11 2.20 0.01	101.23 3.52 0.01	139.95 4.21 0.01	121.05 4.43 0.01	109.16 3.79 0.01	91.33 2.92 0.01	81.94 2.69 0.01	74.10 2.30 0.00	69.28 2.86 0.00
RIVERSDE_115KV_TB3 55908	49.87 1.55 0.00	46.67 1.40 0.00	45.00 1.31 0.00	46.96 1.37 0.00	51.06 1.39 0.00	54.20 1.48 0.00	74.99 1.54 0.00	85.98 1.60 0.00	82.89 0.49 0.00	67.71 0.07 0.00	65.32 0.13 0.00	60.73 0.12 0.00	60.85 0.06 0.00	65.58 0.00 0.00	69.88 -0.21 0.00	76.90 0.99 0.00	98.99 1.27 0.00	137.52 1.76 0.00	118.50 1.87 0.00	106.96 1.58 0.00	89.66 1.24 0.00	80.28 1.03 0.00	72.88 1.08 0.00	67.82 1.39 0.00
ROARING___BROOK_WT_PWR 323790	46.92 -1.40 0.00	44.04 -1.22 0.00	42.60 -1.09 0.00	44.50 -1.09 0.00	48.63 -1.05 0.00	51.88 -0.85 0.00	72.72 -0.73 0.00	83.96 -0.42 0.00	80.90 -0.41 1.08	66.79 -0.20 0.66	64.40 -0.13 0.67	60.03 -0.06 0.51	60.23 0.00 0.55	64.91 0.00 0.67	69.37 0.07 0.79	76.15 0.23 0.00	98.02 0.29 0.00	136.30 0.55 0.00	117.10 0.47 0.00	105.70 0.32 0.00	88.69 0.27 0.00	79.33 0.08 0.00	71.73 -0.07 0.00	66.29 -0.13 0.00

ROCHESRG_115KV_T4 355643	46.97 -1.35 0.00	44.27 -1.00 0.00	42.68 -1.00 0.00	44.64 -0.96 0.00	48.83 -0.84 0.00	51.46 -1.27 0.00	70.88 -2.57 0.00	81.42 -2.95 0.00	67.21 -2.47 12.72	58.41 -1.56 7.68	55.82 -1.56 7.81	53.26 -1.33 6.01	52.74 -1.58 6.47	56.20 -1.51 7.87	59.31 -1.54 9.24	73.87 -2.05 0.00	94.01 -3.71 0.00	130.05 -5.70 0.00	110.91 -5.71 0.00	100.74 -4.64 0.00	84.53 -3.89 0.00	76.00 -3.25 0.00	68.93 -2.87 0.00	63.83 -2.59 0.00
ROCHESTER_9_IC 23652	47.26 -1.06 0.00	44.54 -0.72 0.00	42.95 -0.74 0.00	44.91 -0.68 0.00	49.18 -0.50 0.00	51.83 -0.90 0.00	71.54 -1.91 0.00	82.18 -2.19 0.00	67.74 -1.65 13.01	58.84 -0.95 7.86	56.22 -0.98 7.99	53.67 -0.79 6.15	53.14 -1.03 6.61	56.55 -0.98 8.05	59.73 -0.91 9.45	74.55 -1.37 0.00	94.99 -2.74 0.00	131.41 -4.34 0.00	111.96 -4.67 0.00	101.80 -3.58 0.00	85.33 -3.09 0.00	76.80 -2.46 0.00	69.51 -2.30 0.00	64.30 -2.13 0.00
ROCKVIEW_13_KV_LD 356306	50.93 2.61 0.00	47.53 2.26 0.00	45.70 2.01 0.00	47.65 2.05 0.00	51.81 2.14 0.00	55.15 2.43 0.00	77.20 3.75 0.00	88.68 4.30 0.00	84.39 2.55 0.57	69.33 2.03 0.34	66.67 1.83 0.35	61.97 1.64 0.27	62.14 1.64 0.29	66.81 1.57 0.35	71.15 1.47 0.41	78.80 2.88 0.00	101.92 4.20 0.00	141.04 5.29 0.00	121.99 5.36 0.00	110.02 4.64 0.00	92.05 3.63 0.00	82.50 3.25 0.00	74.68 2.87 0.00	69.15 2.72 0.00
ROME____115KV_TB2 80656	49.29 0.97 0.00	46.17 0.91 0.00	44.56 0.87 0.00	46.51 0.91 0.00	50.77 1.09 0.00	53.99 1.27 0.00	75.88 2.42 0.00	89.95 5.57 0.00	82.12 5.19 5.47	68.47 4.13 3.31	65.55 3.72 3.36	61.35 3.33 2.59	61.53 3.53 2.78	66.46 4.26 3.39	70.88 4.77 3.98	81.54 5.62 0.00	106.32 8.60 0.00	148.78 13.03 0.00	127.36 10.73 0.00	114.44 9.06 0.00	95.76 7.34 0.00	85.43 6.18 0.00	77.12 5.31 0.00	70.61 4.18 0.00
ROSETON___1 23587	50.26 1.93 0.00	46.94 1.68 0.00	45.22 1.53 0.00	47.14 1.55 0.00	51.26 1.59 0.00	54.52 1.79 0.00	76.17 2.72 0.00	87.41 3.03 0.00	83.31 1.48 0.57	68.32 1.02 0.34	65.69 0.85 0.35	61.07 0.73 0.27	61.23 0.73 0.29	65.89 0.66 0.35	70.17 0.49 0.41	77.74 1.82 0.00	100.45 2.73 0.00	139.15 3.40 0.00	119.89 3.26 0.00	108.44 3.06 0.00	90.81 2.39 0.00	81.39 2.14 0.00	73.67 1.86 0.00	68.15 1.72 0.00
ROSETON___2 23588	50.26 1.93 0.00	46.94 1.68 0.00	45.22 1.53 0.00	47.14 1.55 0.00	51.26 1.59 0.00	54.52 1.79 0.00	76.17 2.72 0.00	87.41 3.03 0.00	83.31 1.48 0.57	68.32 1.02 0.34	65.69 0.85 0.35	61.07 0.73 0.27	61.23 0.73 0.29	65.89 0.66 0.35	70.17 0.49 0.41	77.74 1.82 0.00	100.45 2.73 0.00	139.15 3.40 0.00	119.89 3.26 0.00	108.44 3.06 0.00	90.81 2.39 0.00	81.39 2.14 0.00	73.67 1.86 0.00	68.15 1.72 0.00
ROTRRDAM_115KV_TB3 80664	49.77 1.45 0.00	46.58 1.31 0.00	44.91 1.22 0.00	46.87 1.28 0.00	51.06 1.39 0.00	54.25 1.53 0.00	75.43 1.98 0.00	86.49 2.11 0.00	83.55 1.15 0.00	68.25 0.61 0.00	65.59 0.39 0.00	60.85 0.24 0.00	60.97 0.18 0.00	65.78 0.20 0.00	70.30 0.21 0.00	77.28 1.37 0.00	99.68 1.95 0.00	138.74 2.99 0.00	119.43 2.80 0.00	107.70 2.32 0.00	90.28 1.86 0.00	80.84 1.59 0.00	73.31 1.51 0.00	67.95 1.53 0.00
RUSSELL___1 23602	47.40 -0.92 0.00	44.72 -0.54 0.00	43.12 -0.57 0.00	45.05 -0.55 0.00	49.38 -0.30 0.00	52.04 -0.69 0.00	71.91 -1.54 0.00	82.69 -1.69 0.00	68.25 -1.15 12.99	59.26 -0.54 7.85	56.63 -0.59 7.98	54.04 -0.42 6.14	53.51 -0.67 6.61	56.95 -0.59 8.04	60.16 -0.49 9.44	75.01 -0.91 0.00	95.57 -2.15 0.00	132.22 -3.53 0.00	112.66 -3.97 0.00	102.43 -2.95 0.00	85.95 -2.48 0.00	77.27 -1.98 0.00	69.87 -1.94 0.00	64.63 -1.79 0.00
RUSSELL___2 23532	47.40 -0.92 0.00	44.72 -0.54 0.00	43.12 -0.57 0.00	45.05 -0.55 0.00	49.38 -0.30 0.00	52.04 -0.69 0.00	71.91 -1.54 0.00	82.69 -1.69 0.00	68.25 -1.15 12.99	59.26 -0.54 7.85	56.63 -0.59 7.98	54.04 -0.42 6.14	53.51 -0.67 6.61	56.95 -0.59 8.04	60.16 -0.49 9.44	75.01 -0.91 0.00	95.57 -2.15 0.00	132.22 -3.53 0.00	112.66 -3.97 0.00	102.43 -2.95 0.00	85.95 -2.48 0.00	77.27 -1.98 0.00	69.87 -1.94 0.00	64.63 -1.79 0.00
RUSSELL___3 23549	47.40 -0.92 0.00	44.72 -0.54 0.00	43.12 -0.57 0.00	45.05 -0.55 0.00	49.38 -0.30 0.00	52.04 -0.69 0.00	71.91 -1.54 0.00	82.69 -1.69 0.00	68.25 -1.15 12.99	59.26 -0.54 7.85	56.63 -0.59 7.98	54.04 -0.42 6.14	53.51 -0.67 6.61	56.95 -0.59 8.04	60.16 -0.49 9.44	75.01 -0.91 0.00	95.57 -2.15 0.00	132.22 -3.53 0.00	112.66 -3.97 0.00	102.43 -2.95 0.00	85.95 -2.48 0.00	77.27 -1.98 0.00	69.87 -1.94 0.00	64.63 -1.79 0.00
RUSSELL___4 23556	47.40 -0.92 0.00	44.72 -0.54 0.00	43.12 -0.57 0.00	45.05 -0.55 0.00	49.38 -0.30 0.00	52.04 -0.69 0.00	71.91 -1.54 0.00	82.69 -1.69 0.00	68.25 -1.15 12.99	59.26 -0.54 7.85	56.63 -0.59 7.98	54.04 -0.42 6.14	53.51 -0.67 6.61	56.95 -0.59 8.04	60.16 -0.49 9.44	75.01 -0.91 0.00	95.57 -2.15 0.00	132.22 -3.53 0.00	112.66 -3.97 0.00	102.43 -2.95 0.00	85.95 -2.48 0.00	77.27 -1.98 0.00	69.87 -1.94 0.00	64.63 -1.79 0.00
RUSSELL___STATION 23914	47.40 -0.92 0.00	44.72 -0.54 0.00	43.12 -0.57 0.00	45.05 -0.55 0.00	49.38 -0.30 0.00	52.04 -0.69 0.00	71.91 -1.54 0.00	82.69 -1.69 0.00	68.25 -1.15 12.99	59.26 -0.54 7.85	56.63 -0.59 7.98	54.04 -0.42 6.14	53.51 -0.67 6.61	56.95 -0.59 8.04	60.16 -0.49 9.44	75.01 -0.91 0.00	95.57 -2.15 0.00	132.22 -3.53 0.00	112.66 -3.97 0.00	102.43 -2.95 0.00	85.95 -2.48 0.00	77.27 -1.98 0.00	69.87 -1.94 0.00	64.63 -1.79 0.00
S SALMON___HYD 24043	47.16 -1.16 0.00	44.18 -1.09 0.00	42.69 -1.00 0.00	44.50 -1.09 0.00	48.53 -1.14 0.00	51.46 -1.27 0.00	71.84 -1.62 0.00	82.69 -1.69 0.00	56.84 -2.14 23.41	51.74 -1.76 14.15	49.11 -1.70 14.38	48.02 -1.51 11.07	47.36 -1.52 11.91	49.59 -1.51 14.49	51.53 -1.54 17.02	74.70 -1.22 0.00	96.16 -1.57 0.00	134.13 -1.62 0.00	115.00 -1.63 0.00	103.69 -1.69 0.00	86.74 -1.68 0.00	77.74 -1.51 0.00	70.52 -1.29 0.00	65.16 -1.26 0.00
S.PERRY___115KV_TB1 80734	48.23 -0.10 0.00	45.49 0.23 0.00	43.95 0.26 0.00	46.05 0.46 0.00	50.57 0.89 0.00	53.57 0.84 0.00	74.55 1.10 0.00	85.56 1.18 0.00	72.66 6.76 16.49	63.03 5.34 9.96	59.95 4.89 10.13	57.41 4.61 7.80	56.65 4.26 8.39	60.23 4.85 10.21	63.57 5.47 11.99	78.50 2.58 0.00	101.05 3.32 0.00	141.59 5.84 0.00	120.13 3.50 0.00	108.96 3.58 0.00	90.54 2.12 0.00	81.00 1.74 0.00	72.52 0.72 0.00	69.54 3.12 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	46.29 -2.03 0.00	43.90 -1.36 0.00	42.38 -1.31 0.00	44.41 -1.19 0.00	48.63 -1.04 0.00	50.77 -1.95 0.00	69.04 -4.41 0.00	79.23 -5.15 0.00	66.18 -2.47 13.75	58.17 -1.15 8.32	55.49 -1.24 8.46	53.18 -0.91 6.52	52.74 -1.03 7.01	56.21 -0.85 8.52	59.10 -0.98 10.01	72.20 -3.72 0.00	90.98 -6.74 0.00	125.30 -10.45 0.00	106.48 -10.15 0.00	96.95 -8.43 0.00	81.44 -6.99 0.00	73.63 -5.63 0.00	67.28 -4.52 0.00	62.30 -4.12 0.00

SAWYER___23_KV_LOAD 55526	46.29 -2.03 0.00	43.90 -1.36 0.00	42.38 -1.31 0.00	44.41 -1.19 0.00	48.63 -1.04 0.00	50.77 -1.95 0.00	69.04 -4.41 0.00	79.23 -5.15 0.00	66.18 -2.47 13.75	58.17 -1.15 8.32	55.49 -1.24 8.46	53.18 -0.91 6.52	52.74 -1.03 7.01	56.21 -0.85 8.52	59.10 -0.98 10.01	72.20 -3.72 0.00	90.98 -6.74 0.00	125.30 -10.45 0.00	106.48 -10.15 0.00	96.95 -8.43 0.00	81.44 -6.99 0.00	73.63 -5.63 0.00	67.28 -4.52 0.00	62.30 -4.12 0.00
SELKIRK___I 23801	49.87 1.55 0.00	46.71 1.45 0.00	45.04 1.36 0.00	47.01 1.41 0.00	51.16 1.49 0.00	54.30 1.58 0.00	75.29 1.84 0.00	86.32 1.94 0.00	83.31 0.91 0.00	68.05 0.41 0.00	65.46 0.26 0.00	60.79 0.18 0.00	60.91 0.12 0.00	65.71 0.13 0.00	70.09 0.00 0.00	77.06 1.14 0.00	99.38 1.66 0.00	138.20 2.45 0.00	118.73 2.10 0.00	107.38 2.00 0.00	90.01 1.59 0.00	80.68 1.43 0.00	73.24 1.44 0.00	68.01 1.59 0.00
SELKIRK___II 23799	49.58 1.25 0.00	46.39 1.13 0.00	44.78 1.09 0.00	46.73 1.14 0.00	50.82 1.14 0.00	53.94 1.21 0.00	74.70 1.25 0.00	85.72 1.35 0.00	82.73 0.33 0.00	67.65 0.00 0.00	65.19 0.00 0.00	60.61 0.00 0.00	60.73 -0.06 0.00	65.45 -0.13 0.00	69.74 -0.35 0.00	76.60 0.68 0.00	98.60 0.88 0.00	136.97 1.22 0.00	117.80 1.17 0.00	106.54 1.16 0.00	89.31 0.88 0.00	80.04 0.79 0.00	72.67 0.86 0.00	67.42 1.00 0.00
SENECA OSWGO___HYD 24041	46.92 -1.40 0.00	44.00 -1.27 0.00	42.51 -1.18 0.00	44.36 -1.23 0.00	48.33 -1.34 0.00	51.25 -1.48 0.00	71.47 -1.98 0.00	81.93 -2.45 0.00	51.98 -2.89 27.53	48.64 -2.37 16.64	45.93 -2.34 16.92	45.41 -2.18 13.02	44.60 -2.19 14.00	46.18 -2.36 17.04	47.49 -2.59 20.01	73.79 -2.13 0.00	94.89 -2.84 0.00	131.68 -4.07 0.00	113.01 -3.62 0.00	102.11 -3.27 0.00	85.41 -3.01 0.00	76.64 -2.61 0.00	69.44 -2.37 0.00	64.29 -2.13 0.00
SENECA___115KV_TB3 355854	46.63 -1.69 0.00	44.22 -1.04 0.00	42.69 -1.00 0.00	44.86 -0.73 0.00	49.08 -0.59 0.00	51.35 -1.37 0.00	70.00 -3.45 0.00	80.41 -3.96 0.00	67.48 -0.74 14.17	59.28 0.20 8.57	56.54 0.07 8.72	54.20 0.30 6.71	54.00 0.43 7.22	57.32 0.52 8.78	60.20 0.42 10.31	73.34 -2.58 0.00	93.03 -4.69 0.00	127.20 -8.55 0.00	109.51 -7.12 0.00	98.42 -6.96 0.00	82.50 -5.92 0.00	74.65 -4.60 0.00	68.15 -3.66 0.00	63.64 -2.79 0.00
SENECA___ENERGY 23797	47.31 -1.02 0.00	44.40 -0.86 0.00	42.86 -0.83 0.00	44.77 -0.82 0.00	48.88 -0.80 0.00	51.83 -0.90 0.00	72.20 -1.25 0.00	82.77 -1.61 0.00	59.19 -1.65 21.56	53.40 -1.22 13.03	50.65 -1.30 13.24	49.20 -1.21 10.19	48.49 -1.34 10.96	50.80 -1.44 13.34	52.95 -1.48 15.67	74.70 -1.22 0.00	95.97 -1.76 0.00	133.04 -2.71 0.00	114.17 -2.45 0.00	102.96 -2.42 0.00	86.12 -2.30 0.00	77.27 -1.98 0.00	69.87 -1.94 0.00	64.69 -1.73 0.00
SHOEMAKER___GT 23640	49.97 1.64 0.00	46.67 1.40 0.00	44.96 1.27 0.00	46.87 1.27 0.00	51.06 1.39 0.00	54.20 1.47 0.00	75.80 2.35 0.00	87.16 2.78 0.00	83.09 1.31 0.62	68.15 0.88 0.38	65.46 0.65 0.38	60.86 0.54 0.29	61.01 0.55 0.32	65.66 0.46 0.39	70.06 0.42 0.45	77.51 1.60 0.00	100.26 2.54 0.00	139.15 3.40 0.00	119.89 3.26 0.00	108.33 2.95 0.00	90.63 2.21 0.00	81.23 1.98 0.00	73.53 1.72 0.00	67.95 1.53 0.00
SHOEMAKR_138KV_BK 111 55601	49.92 1.59 0.00	46.67 1.40 0.00	44.96 1.27 0.00	46.87 1.28 0.00	51.01 1.34 0.00	54.20 1.48 0.00	75.80 2.35 0.00	87.08 2.70 0.00	83.01 1.24 0.63	68.08 0.81 0.38	65.46 0.65 0.39	60.79 0.48 0.30	61.01 0.55 0.32	65.65 0.46 0.39	69.99 0.35 0.46	77.44 1.52 0.00	100.17 2.44 0.00	139.01 3.26 0.00	119.89 3.27 0.00	108.12 2.74 0.00	90.54 2.12 0.00	81.15 1.90 0.00	73.46 1.65 0.00	67.95 1.53 0.00
SHOREHAM_IC_1 23715	52.38 4.06 0.00	48.61 3.35 0.00	46.75 3.06 0.00	48.33 2.74 0.00	52.86 3.18 0.00	56.94 4.22 0.00	77.05 3.60 0.00	89.52 5.15 0.00	82.00 0.17 0.56	65.88 -1.42 0.34	64.20 -0.65 0.35	59.31 -1.03 0.27	59.46 -1.03 0.29	64.64 -0.59 0.35	69.26 -0.42 0.41	79.03 3.11 0.00	105.55 7.82 -0.01	140.78 5.03 0.00	125.39 8.75 -0.01	113.82 8.43 -0.01	102.43 7.25 -6.75	100.48 6.50 -14.73	78.06 6.24 -0.01	72.21 5.78 -0.01
SHOREHAM_IC_2 23716	52.38 4.06 0.00	48.61 3.35 0.00	46.75 3.06 0.00	48.47 2.87 0.00	52.85 3.18 0.00	56.83 4.11 0.00	77.05 3.60 0.00	89.52 5.15 0.00	82.00 0.16 0.56	65.95 -1.35 0.34	64.20 -0.65 0.35	59.31 -1.03 0.27	59.59 -0.91 0.29	64.51 -0.72 0.35	69.19 -0.49 0.41	79.03 3.11 0.00	105.44 7.72 0.00	140.77 5.02 0.00	125.61 8.98 0.00	113.81 8.43 0.00	102.43 7.25 -6.75	100.48 6.50 -14.73	78.05 6.25 0.00	72.27 5.85 0.00
SISSONVILLE____ 23735	48.23 -0.10 0.00	45.35 0.09 0.00	43.69 0.00 0.00	45.73 0.14 0.00	49.92 0.25 0.00	52.77 0.05 0.00	73.89 0.44 0.00	84.71 0.34 0.00	78.93 0.00 3.46	66.03 0.47 2.09	63.78 0.72 2.13	59.70 0.73 1.64	59.88 0.85 1.76	64.55 1.11 2.14	68.49 0.91 2.52	76.68 0.76 0.00	98.90 1.17 0.00	138.19 2.44 0.00	118.26 1.63 0.00	106.85 1.48 0.00	90.01 1.59 0.00	80.68 1.43 0.00	73.24 1.44 0.00	67.62 1.20 0.00
SITHE_IND_GS1 24169	46.44 -1.89 0.00	43.59 -1.67 0.00	42.12 -1.57 0.00	43.91 -1.69 0.00	47.84 -1.84 0.00	50.72 -2.00 0.00	70.51 -2.94 0.00	80.91 -3.46 0.00	43.13 -3.95 35.31	43.13 -3.18 21.34	40.43 -3.06 21.70	41.06 -2.85 16.70	39.91 -2.92 17.96	40.58 -3.15 21.85	41.06 -3.36 25.67	72.88 -3.04 0.00	93.71 -4.01 0.00	130.05 -5.70 0.00	111.62 -5.01 0.00	100.85 -4.53 0.00	84.44 -3.98 0.00	75.77 -3.49 0.00	68.65 -3.16 0.00	63.57 -2.85 0.00
SITHE_IND_GS2 24170	46.44 -1.89 0.00	43.59 -1.67 0.00	42.12 -1.57 0.00	43.91 -1.69 0.00	47.84 -1.84 0.00	50.72 -2.00 0.00	70.51 -2.94 0.00	80.91 -3.46 0.00	43.13 -3.95 35.31	43.13 -3.18 21.34	40.43 -3.06 21.70	41.06 -2.85 16.70	39.91 -2.92 17.96	40.58 -3.15 21.85	41.06 -3.36 25.67	72.88 -3.04 0.00	93.71 -4.01 0.00	130.05 -5.70 0.00	111.62 -5.01 0.00	100.85 -4.53 0.00	84.44 -3.98 0.00	75.77 -3.49 0.00	68.65 -3.16 0.00	63.57 -2.85 0.00
SITHE_IND_GS3 24171	46.44 -1.89 0.00	43.59 -1.67 0.00	42.12 -1.57 0.00	43.91 -1.69 0.00	47.84 -1.84 0.00	50.72 -2.00 0.00	70.51 -2.94 0.00	80.91 -3.46 0.00	43.13 -3.95 35.31	43.13 -3.18 21.34	40.43 -3.06 21.70	41.06 -2.85 16.70	39.91 -2.92 17.96	40.58 -3.15 21.85	41.06 -3.36 25.67	72.88 -3.04 0.00	93.71 -4.01 0.00	130.05 -5.70 0.00	111.62 -5.01 0.00	100.85 -4.53 0.00	84.44 -3.98 0.00	75.77 -3.49 0.00	68.65 -3.16 0.00	63.57 -2.85 0.00
SITHE_IND_GS4 24172	46.44 -1.89 0.00	43.59 -1.67 0.00	42.12 -1.57 0.00	43.91 -1.69 0.00	47.84 -1.84 0.00	50.72 -2.00 0.00	70.51 -2.94 0.00	80.91 -3.46 0.00	43.13 -3.95 35.31	43.13 -3.18 21.34	40.43 -3.06 21.70	41.06 -2.85 16.70	39.91 -2.92 17.96	40.58 -3.15 21.85	41.06 -3.36 25.67	72.88 -3.04 0.00	93.71 -4.01 0.00	130.05 -5.70 0.00	111.62 -5.01 0.00	100.85 -4.53 0.00	84.44 -3.98 0.00	75.77 -3.49 0.00	68.65 -3.16 0.00	63.57 -2.85 0.00

SITHE___BATAVIA 24024	47.55 -0.78 0.00	45.04 -0.23 0.00	43.43 -0.26 0.00	45.55 -0.05 0.00	49.87 0.20 0.00	52.03 -0.69 0.00	71.10 -2.35 0.00	81.85 -2.53 0.00	68.46 -0.49 13.44	59.79 0.27 8.13	57.06 0.13 8.26	54.49 0.24 6.36	54.13 0.18 6.84	57.46 0.20 8.32	60.60 0.28 9.77	74.25 -1.67 0.00	94.79 -2.93 0.00	130.05 -5.70 0.00	111.84 -4.79 0.00	100.64 -4.74 0.00	84.36 -4.07 0.00	76.08 -3.17 0.00	69.08 -2.73 0.00	64.63 -1.79 0.00
SITHE___INDEPEND 23800	46.44 -1.88 0.00	43.59 -1.67 0.00	42.12 -1.57 0.00	43.91 -1.69 0.00	47.84 -1.84 0.00	50.72 -2.00 0.00	70.51 -2.94 0.00	80.92 -3.46 0.00	43.13 -3.96 35.31	43.13 -3.18 21.34	40.43 -3.06 21.70	41.06 -2.85 16.70	39.91 -2.92 17.96	40.58 -3.15 21.85	41.06 -3.36 25.67	72.88 -3.04 0.00	93.62 -4.10 0.00	130.05 -5.70 0.00	111.50 -5.13 0.00	100.85 -4.53 0.00	84.44 -3.98 0.00	75.76 -3.49 0.00	68.65 -3.16 0.00	63.50 -2.92 0.00
SITHE___MASSENA 23902	48.71 0.38 0.00	45.67 0.41 0.00	44.04 0.35 0.00	46.05 0.46 0.00	50.27 0.60 0.00	53.36 0.63 0.00	74.48 1.03 0.00	85.64 1.27 0.00	81.87 0.99 1.52	67.74 1.02 0.92	65.37 1.11 0.93	60.98 1.09 0.72	61.23 1.22 0.77	66.02 1.38 0.94	70.53 1.54 1.10	77.59 1.67 0.00	99.87 2.15 0.00	139.42 3.67 0.00	119.42 2.79 0.00	108.01 2.64 0.00	90.99 2.57 0.00	81.47 2.22 0.00	73.75 1.94 0.00	68.08 1.66 0.00
SITHE___OGDNSBRG 24021	49.19 0.87 0.00	46.17 0.91 0.00	44.52 0.83 0.00	46.55 0.96 0.00	50.82 1.14 0.00	53.93 1.21 0.00	75.58 2.13 0.00	86.91 2.53 0.00	81.75 2.06 2.71	67.84 1.83 1.64	65.29 1.76 1.66	61.02 1.70 1.28	61.23 1.82 1.38	66.07 2.16 1.68	70.51 2.38 1.97	78.50 2.58 0.00	101.63 3.91 0.00	141.86 6.11 0.00	121.41 4.78 0.00	109.70 4.32 0.00	92.49 4.07 0.00	82.66 3.41 0.00	74.89 3.09 0.00	69.08 2.66 0.00
SITHE___STERLING 23777	49.05 0.73 0.00	45.98 0.72 0.00	44.38 0.70 0.00	46.32 0.73 0.00	50.57 0.90 0.00	53.78 1.05 0.00	75.36 1.91 0.00	85.98 1.60 0.00	68.17 1.40 15.63	59.15 0.95 9.44	56.25 0.65 9.60	53.82 0.61 7.39	53.38 0.55 7.95	56.63 0.72 9.67	59.51 0.77 11.36	77.29 1.37 0.00	99.57 1.85 0.00	138.32 2.57 0.00	118.61 1.98 0.00	106.96 1.58 0.00	89.57 1.15 0.00	80.21 0.95 0.00	72.52 0.72 0.00	67.09 0.66 0.00
SLEIGHT__34_KV_TB1 80719	47.11 -1.21 0.00	44.31 -0.95 0.00	42.77 -0.92 0.00	44.68 -0.91 0.00	48.83 -0.84 0.00	51.72 -1.00 0.00	71.84 -1.62 0.00	82.52 -1.86 0.00	65.06 -1.73 15.60	57.07 -1.15 9.43	54.44 -1.17 9.59	52.20 -1.03 7.38	51.64 -1.22 7.93	54.68 -1.25 9.66	57.49 -1.26 11.34	74.78 -1.14 0.00	95.47 -2.25 0.00	132.49 -3.26 0.00	113.01 -3.62 0.00	102.53 -2.85 0.00	85.77 -2.65 0.00	77.03 -2.22 0.00	69.65 -2.15 0.00	64.36 -2.06 0.00
SMITHTWN_69_KV_BK 1 55830	52.24 3.91 0.00	48.48 3.21 0.00	46.66 2.97 0.00	48.33 2.74 0.00	52.70 3.03 0.00	56.73 4.01 0.00	78.45 4.99 0.00	90.70 6.33 0.00	84.22 2.39 0.56	67.91 0.61 0.34	66.02 1.17 0.35	61.07 0.73 0.27	61.35 0.85 0.29	66.35 1.11 0.35	71.08 1.40 0.41	80.40 4.48 0.00	104.95 7.23 0.00	140.64 4.89 0.00	124.44 7.81 0.00	112.75 7.38 0.00	101.81 6.63 -6.75	99.93 5.94 -14.73	77.48 5.67 0.00	71.80 5.38 0.00
SOUTH CAIRO___GT 23612	51.17 2.85 0.00	47.93 2.67 0.00	46.18 2.49 0.00	48.33 2.74 0.00	52.70 3.03 0.00	55.94 3.22 0.00	77.71 4.26 0.00	89.27 4.89 0.00	86.10 3.71 0.00	69.54 1.89 0.00	66.63 1.43 0.00	61.70 1.09 0.00	61.88 1.09 0.00	66.76 1.18 0.00	71.49 1.40 0.00	79.11 3.19 0.00	102.90 5.18 0.00	144.30 8.55 0.00	123.98 7.35 0.00	111.81 6.43 0.00	93.46 5.04 0.00	83.53 4.28 0.00	75.83 4.02 0.00	70.27 3.85 0.00
SOUTH HAMPTN___IC 23720	52.48 4.16 0.00	48.70 3.44 0.00	46.84 3.15 0.00	48.42 2.83 0.00	52.95 3.28 0.00	57.05 4.32 0.00	77.42 3.96 0.00	89.86 5.48 0.00	82.33 0.50 0.56	66.15 -1.15 0.34	64.59 -0.26 0.35	59.61 -0.72 0.27	59.77 -0.73 0.29	65.10 -0.13 0.35	69.82 0.14 0.41	79.71 3.79 0.00	106.33 8.60 -0.01	142.27 6.52 0.00	126.55 9.91 -0.01	114.98 9.59 -0.01	103.22 8.05 -6.75	101.27 7.29 -14.73	78.71 6.89 -0.01	72.94 6.51 -0.01
SOUTHDOW_115KV_TB1 355954	46.44 -1.88 0.00	44.09 -1.18 0.00	42.64 -1.05 0.00	44.91 -0.68 0.00	49.42 -0.25 0.00	52.35 -0.37 0.00	72.64 -0.81 0.00	84.12 -0.25 0.00	71.34 3.96 15.01	62.49 3.92 9.08	59.75 3.78 9.23	57.32 3.82 7.11	56.85 3.71 7.64	60.55 4.26 9.30	63.59 4.42 10.92	77.21 1.29 0.00	97.72 0.00 0.00	135.07 -0.68 0.00	114.65 -1.98 0.00	104.01 -1.37 0.00	86.74 -1.68 0.00	78.30 -0.95 0.00	71.16 -0.65 0.00	65.56 -0.86 0.00
SOUTHOLD_69_KV_BK 2 55809	52.48 4.16 0.00	48.66 3.39 0.00	46.83 3.15 0.00	48.47 2.87 0.00	52.95 3.28 0.00	56.94 4.22 0.00	77.20 3.75 0.00	89.61 5.23 0.00	82.00 0.16 0.56	65.95 -1.35 0.34	64.33 -0.52 0.35	59.37 -0.97 0.27	59.65 -0.85 0.29	64.84 -0.39 0.35	69.89 0.21 0.41	80.17 4.25 0.00	107.20 9.48 0.00	144.30 8.55 0.00	128.52 11.90 0.00	116.65 11.28 0.00	104.55 9.37 -6.75	102.46 8.48 -14.73	79.85 8.04 0.00	74.06 7.64 0.00
SOUTHOLD___IC 23719	52.48 4.16 0.00	48.66 3.40 0.00	46.84 3.15 0.00	48.38 2.78 0.00	52.95 3.28 0.00	56.99 4.27 0.00	77.20 3.74 0.00	89.61 5.23 0.00	82.00 0.17 0.56	65.82 -1.49 0.34	64.32 -0.52 0.35	59.37 -0.97 0.27	59.52 -0.97 0.29	65.04 -0.20 0.35	69.89 0.21 0.41	80.09 4.17 0.00	107.21 9.48 -0.01	144.31 8.56 0.00	128.30 11.66 -0.01	116.67 11.28 -0.01	104.54 9.37 -6.75	102.47 8.48 -14.73	79.85 8.04 -0.01	74.00 7.57 -0.01
SOUTH_FORK_WT_PWR 323839	51.95 3.63 0.00	48.20 2.94 0.00	46.35 2.67 0.00	47.87 2.28 0.00	52.40 2.73 0.00	56.47 3.74 0.00	76.09 2.64 0.00	88.34 3.97 0.00	80.68 -1.15 0.56	64.87 -2.43 0.34	63.41 -1.43 0.35	58.52 -1.82 0.27	58.73 -1.76 0.29	64.25 -0.98 0.35	69.19 -0.49 0.41	79.49 3.57 0.00	106.62 8.89 -0.01	143.62 7.87 0.00	127.95 11.31 -0.01	116.35 10.96 -0.01	104.37 9.20 -6.75	102.38 8.40 -14.73	79.78 7.97 -0.01	74.00 7.57 -0.01
SPIERFLS_115KV_TB 1 80737	51.42 3.09 0.00	48.07 2.81 0.00	46.31 2.62 0.00	48.42 2.83 0.00	52.75 3.08 0.00	56.36 3.64 0.00	76.68 3.23 0.00	87.92 3.54 0.00	84.70 2.31 0.00	68.93 1.29 0.00	66.11 0.91 0.00	61.09 0.48 0.00	61.09 0.30 0.00	65.84 0.26 0.00	70.51 0.42 0.00	77.97 2.05 0.00	100.85 3.13 0.00	140.91 5.16 0.00	121.18 4.55 0.00	109.07 3.69 0.00	91.60 3.18 0.00	81.71 2.46 0.00	74.03 2.23 0.00	68.81 2.39 0.00
ST LAWRENCE____ 23600	48.18 -0.14 0.00	45.13 -0.14 0.00	43.51 -0.17 0.00	45.46 -0.14 0.00	49.57 -0.10 0.00	52.72 0.00 0.00	73.53 0.07 0.00	84.55 0.17 0.00	81.36 0.00 1.03	67.23 0.20 0.62	64.89 0.33 0.63	60.48 0.37 0.49	60.74 0.48 0.53	65.53 0.59 0.64	70.04 0.70 0.75	76.75 0.84 0.00	98.70 0.98 0.00	137.39 1.63 0.00	117.91 1.29 0.00	106.54 1.16 0.00	89.75 1.33 0.00	80.36 1.11 0.00	72.81 1.00 0.00	67.22 0.80 0.00

STATE_CA_115KV_115_LB 55624	49.87 1.55 0.00	46.71 1.45 0.00	45.04 1.35 0.00	47.01 1.41 0.00	51.06 1.39 0.00	54.25 1.53 0.00	74.99 1.54 0.00	86.06 1.69 0.00	82.97 0.58 0.00	67.78 0.14 0.00	65.46 0.26 0.00	60.85 0.24 0.00	60.97 0.18 0.00	65.71 0.13 0.00	69.95 -0.14 0.00	76.98 1.06 0.00	99.09 1.37 0.00	137.79 2.04 0.00	118.73 2.10 0.00	107.06 1.69 0.00	89.75 1.33 0.00	80.36 1.11 0.00	72.96 1.15 0.00	67.88 1.46 0.00
STATE_ST_34_KV_LOAD 55959	47.79 -0.53 0.00	44.76 -0.50 0.00	43.29 -0.39 0.00	45.18 -0.41 0.00	49.28 -0.40 0.00	52.35 -0.37 0.00	73.16 -0.29 0.00	83.70 -0.68 0.00	58.74 -0.66 23.00	53.21 -0.54 13.90	50.41 -0.65 14.13	49.06 -0.67 10.87	48.30 -0.79 11.70	50.56 -0.79 14.23	52.53 -0.84 16.72	75.54 -0.38 0.00	96.94 -0.78 0.00	134.94 -0.81 0.00	115.46 -1.17 0.00	104.54 -0.84 0.00	87.36 -1.06 0.00	78.38 -0.87 0.00	70.73 -1.08 0.00	65.29 -1.13 0.00
STATION_5_MISC_HYD 23604	47.26 -1.06 0.00	44.54 -0.73 0.00	42.95 -0.74 0.00	44.96 -0.64 0.00	49.18 -0.50 0.00	51.83 -0.90 0.00	71.54 -1.91 0.00	82.27 -2.11 0.00	67.74 -1.65 13.01	58.84 -0.95 7.86	56.23 -0.98 7.99	53.67 -0.79 6.15	53.26 -0.91 6.61	56.55 -0.98 8.05	59.72 -0.91 9.45	74.63 -1.29 0.00	95.38 -2.35 0.00	131.40 -4.35 0.00	112.89 -3.74 0.00	101.80 -3.58 0.00	85.32 -3.10 0.00	76.79 -2.46 0.00	69.51 -2.30 0.00	64.69 -1.73 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	47.26 -1.06 0.00	44.49 -0.77 0.00	42.95 -0.74 0.00	44.86 -0.73 0.00	49.08 -0.60 0.00	51.88 -0.84 0.00	71.98 -1.47 0.00	82.69 -1.69 0.00	65.48 -1.48 15.43	57.31 -1.01 9.33	54.67 -1.04 9.48	52.40 -0.91 7.30	51.78 -1.15 7.85	54.91 -1.11 9.55	57.75 -1.12 11.22	74.78 -1.14 0.00	95.57 -2.15 0.00	132.63 -3.12 0.00	113.13 -3.50 0.00	102.74 -2.63 0.00	85.95 -2.48 0.00	77.27 -1.98 0.00	69.80 -2.01 0.00	64.50 -1.93 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	46.92 -1.40 0.00	44.22 -1.04 0.00	42.68 -1.00 0.00	44.59 -1.00 0.00	48.83 -0.84 0.00	51.51 -1.21 0.00	71.17 -2.28 0.00	81.76 -2.62 0.00	67.07 -2.22 13.11	58.31 -1.42 7.92	55.71 -1.43 8.05	53.20 -1.21 6.20	52.66 -1.46 6.67	56.03 -1.44 8.11	59.09 -1.47 9.53	74.10 -1.82 0.00	94.50 -3.22 0.00	130.86 -4.89 0.00	111.50 -5.13 0.00	101.37 -4.00 0.00	84.88 -3.54 0.00	76.32 -2.93 0.00	69.15 -2.66 0.00	63.90 -2.52 0.00
STA_56___34_KV_BUS2 355983	46.92 -1.40 0.00	44.22 -1.04 0.00	42.68 -1.00 0.00	44.59 -1.00 0.00	48.83 -0.84 0.00	51.51 -1.21 0.00	71.17 -2.28 0.00	81.76 -2.62 0.00	67.07 -2.22 13.11	58.31 -1.42 7.92	55.71 -1.43 8.05	53.20 -1.21 6.20	52.66 -1.46 6.67	56.03 -1.44 8.11	59.09 -1.47 9.53	74.10 -1.82 0.00	94.50 -3.22 0.00	130.86 -4.89 0.00	111.50 -5.13 0.00	101.37 -4.00 0.00	84.88 -3.54 0.00	76.32 -2.93 0.00	69.15 -2.66 0.00	63.90 -2.52 0.00
STA_67___115KV_BK2 355882	47.16 -1.16 0.00	44.45 -0.81 0.00	42.90 -0.79 0.00	44.82 -0.78 0.00	49.08 -0.60 0.00	51.72 -1.00 0.00	71.40 -2.06 0.00	82.01 -2.36 0.00	67.50 -1.90 13.00	58.71 -1.08 7.85	56.10 -1.11 7.99	53.55 -0.91 6.15	53.02 -1.15 6.61	56.42 -1.11 8.04	59.52 -1.12 9.45	74.40 -1.52 0.00	94.69 -3.03 0.00	131.13 -4.62 0.00	111.73 -4.90 0.00	101.59 -3.79 0.00	85.15 -3.27 0.00	76.56 -2.69 0.00	69.36 -2.44 0.00	64.16 -2.26 0.00
STA_7___115KV_9TRANS 80674	47.40 -0.92 0.00	44.72 -0.54 0.00	43.12 -0.57 0.00	45.05 -0.55 0.00	49.38 -0.30 0.00	52.04 -0.69 0.00	71.91 -1.54 0.00	82.69 -1.69 0.00	68.25 -1.15 12.99	59.26 -0.54 7.85	56.63 -0.59 7.98	54.04 -0.42 6.14	53.51 -0.67 6.61	56.95 -0.59 8.04	60.16 -0.49 9.44	75.01 -0.91 0.00	95.57 -2.15 0.00	132.22 -3.53 0.00	112.66 -3.97 0.00	102.43 -2.95 0.00	85.95 -2.48 0.00	77.27 -1.98 0.00	69.87 -1.94 0.00	64.63 -1.79 0.00
STA_82___115KV_TB1 80780	47.11 -1.21 0.00	44.40 -0.86 0.00	42.86 -0.83 0.00	44.82 -0.78 0.00	49.03 -0.65 0.00	51.67 -1.05 0.00	71.32 -2.13 0.00	81.93 -2.45 0.00	67.34 -1.98 13.08	58.59 -1.15 7.90	55.99 -1.17 8.04	53.45 -0.97 6.18	52.92 -1.22 6.65	56.31 -1.18 8.09	59.39 -1.19 9.51	74.25 -1.67 0.00	94.60 -3.13 0.00	131.00 -4.75 0.00	111.61 -5.02 0.00	101.48 -3.90 0.00	84.97 -3.45 0.00	76.48 -2.77 0.00	69.29 -2.51 0.00	64.10 -2.32 0.00
STEEL___WIND 323596	46.54 -1.79 0.00	44.13 -1.13 0.00	42.60 -1.09 0.00	44.77 -0.82 0.00	48.98 -0.70 0.00	51.30 -1.42 0.00	69.93 -3.52 0.00	80.33 -4.05 0.00	67.40 -0.82 14.17	59.21 0.14 8.57	56.48 0.00 8.72	54.14 0.24 6.71	53.93 0.37 7.22	57.26 0.46 8.78	60.13 0.35 10.31	73.26 -2.66 0.00	92.94 -4.79 0.00	127.06 -8.69 0.00	109.40 -7.23 0.00	98.32 -7.06 0.00	82.41 -6.02 0.00	74.58 -4.68 0.00	68.07 -3.74 0.00	63.57 -2.85 0.00
STEPHTWN_115KV_BK_2 55603	50.21 1.88 0.00	46.98 1.72 0.00	45.30 1.62 0.00	47.28 1.69 0.00	51.41 1.74 0.00	54.67 1.95 0.00	75.58 2.13 0.00	86.74 2.36 0.00	83.63 1.24 0.00	68.19 0.54 0.00	65.78 0.59 0.00	61.09 0.48 0.00	61.15 0.36 0.00	65.98 0.39 0.00	70.30 0.21 0.00	77.44 1.52 0.00	99.77 2.05 0.00	138.87 3.12 0.00	119.66 3.03 0.00	107.91 2.53 0.00	90.37 1.95 0.00	80.92 1.66 0.00	73.46 1.65 0.00	68.28 1.86 0.00
STEUBEN_REC_LFGE 323667	46.00 -2.32 0.00	43.54 -1.72 0.00	42.29 -1.40 0.00	44.45 -1.14 0.00	48.88 -0.79 0.00	51.98 -0.74 0.00	72.57 -0.88 0.00	83.03 -1.35 0.00	69.55 7.17 20.01	61.50 5.95 12.09	58.57 5.67 12.30	56.66 5.52 9.47	55.96 5.35 10.18	59.23 6.03 12.39	62.13 6.59 14.55	81.69 5.77 0.00	104.86 7.13 0.00	146.88 11.13 0.00	124.56 7.93 0.00	112.65 7.27 0.00	93.28 4.86 0.00	83.29 4.04 0.00	74.39 2.59 0.00	69.15 2.72 0.00
STILLWATER___SOLAR 323814	50.88 2.56 0.00	47.57 2.31 0.00	45.87 2.18 0.00	47.87 2.28 0.00	52.16 2.48 0.00	55.57 2.85 0.00	76.83 3.38 0.00	88.08 3.71 0.00	84.87 2.47 0.00	69.13 1.49 0.00	66.37 1.17 0.00	61.39 0.79 0.00	61.46 0.67 0.00	66.30 0.72 0.00	71.00 0.91 0.00	78.35 2.43 0.00	101.34 3.62 0.00	141.19 5.44 0.00	121.30 4.67 0.00	109.48 4.11 0.00	91.87 3.44 0.00	82.10 2.85 0.00	74.39 2.58 0.00	69.01 2.59 0.00
STONY___BROOK 24151	52.19 3.87 0.00	48.43 3.17 0.00	46.62 2.93 0.00	48.19 2.60 0.00	52.65 2.98 0.00	56.73 4.00 0.00	78.22 4.77 0.00	90.53 6.16 0.00	83.97 2.14 0.56	67.58 0.27 0.34	65.89 1.04 0.35	60.88 0.54 0.27	61.04 0.55 0.29	66.28 1.05 0.35	70.87 1.19 0.41	80.17 4.25 0.00	104.86 7.13 -0.01	139.96 4.21 0.00	123.99 7.35 -0.01	112.65 7.27 -0.01	101.63 6.45 -6.75	99.77 5.78 -14.73	77.42 5.60 -0.01	71.61 5.18 -0.01
STURGEON_POOL_HYD 23609	50.45 2.13 0.00	47.12 1.86 0.00	45.35 1.66 0.00	47.33 1.73 0.00	51.56 1.89 0.00	54.67 1.95 0.00	76.68 3.23 0.00	88.09 3.71 0.00	84.54 2.14 0.00	69.13 1.49 0.00	66.37 1.17 0.00	61.58 0.97 0.00	61.82 1.03 0.00	66.50 0.92 0.00	70.93 0.84 0.00	78.12 2.20 0.00	101.14 3.42 0.00	140.64 4.89 0.00	121.29 4.67 0.00	109.49 4.11 0.00	91.52 3.09 0.00	82.03 2.77 0.00	74.25 2.44 0.00	68.68 2.26 0.00

ST_LAW_115_BK7_LBMP 345037	48.18 -0.14 0.00	45.13 -0.14 0.00	43.56 -0.13 0.00	45.50 -0.09 0.00	49.62 -0.05 0.00	52.72 0.00 0.00	73.60 0.15 0.00	84.63 0.25 0.00	81.36 0.08 1.12	67.17 0.20 0.67	64.90 0.39 0.69	60.50 0.43 0.53	60.70 0.48 0.57	65.48 0.59 0.69	70.05 0.77 0.81	76.75 0.84 0.00	98.70 0.98 0.00	137.51 1.76 0.00	117.91 1.29 0.00	106.65 1.27 0.00	89.83 1.41 0.00	80.44 1.19 0.00	72.88 1.08 0.00	67.28 0.86 0.00
ST_LAW_115_BK8_LBMP 345038	48.18 -0.14 0.00	45.13 -0.14 0.00	43.56 -0.13 0.00	45.50 -0.09 0.00	49.62 -0.05 0.00	52.72 0.00 0.00	73.60 0.15 0.00	84.63 0.25 0.00	81.36 0.08 1.12	67.17 0.20 0.67	64.90 0.39 0.69	60.50 0.43 0.53	60.70 0.48 0.57	65.48 0.59 0.69	70.05 0.77 0.81	76.75 0.84 0.00	98.70 0.98 0.00	137.51 1.76 0.00	117.91 1.29 0.00	106.65 1.27 0.00	89.83 1.41 0.00	80.44 1.19 0.00	72.88 1.08 0.00	67.28 0.86 0.00
ST_LAW_230_BK5_LBMP 345035	48.18 -0.14 0.00	45.13 -0.14 0.00	43.51 -0.17 0.00	45.46 -0.14 0.00	49.57 -0.10 0.00	52.72 0.00 0.00	73.53 0.07 0.00	84.55 0.17 0.00	81.52 0.00 0.88	67.32 0.20 0.53	64.98 0.33 0.54	60.56 0.37 0.41	60.82 0.48 0.45	65.63 0.59 0.54	70.16 0.70 0.64	76.75 0.84 0.00	98.70 0.98 0.00	137.39 1.63 0.00	117.91 1.29 0.00	106.54 1.16 0.00	89.75 1.33 0.00	80.36 1.11 0.00	72.81 1.00 0.00	67.22 0.80 0.00
ST_LAW_230_BK6_LBMP 345036	48.18 -0.14 0.00	45.13 -0.14 0.00	43.51 -0.17 0.00	45.46 -0.14 0.00	49.57 -0.10 0.00	52.72 0.00 0.00	73.53 0.07 0.00	84.55 0.17 0.00	81.52 0.00 0.88	67.32 0.20 0.53	64.98 0.33 0.54	60.56 0.37 0.41	60.82 0.48 0.45	65.63 0.59 0.54	70.16 0.70 0.64	76.75 0.84 0.00	98.70 0.98 0.00	137.39 1.63 0.00	117.91 1.29 0.00	106.54 1.16 0.00	89.75 1.33 0.00	80.36 1.11 0.00	72.81 1.00 0.00	67.22 0.80 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.11 1.79 0.00	46.80 1.54 0.00	45.04 1.35 0.00	47.01 1.41 0.00	51.11 1.44 0.00	54.36 1.63 0.00	76.02 2.57 0.00	87.33 2.95 0.00	83.10 1.32 0.61	68.22 0.95 0.37	65.54 0.72 0.38	60.92 0.61 0.29	61.08 0.61 0.31	65.73 0.52 0.38	70.07 0.42 0.44	77.59 1.67 0.00	100.26 2.54 0.00	139.14 3.39 0.00	120.13 3.50 0.00	108.33 2.95 0.00	90.63 2.21 0.00	81.23 1.98 0.00	73.53 1.72 0.00	68.08 1.66 0.00
SWANROAD_115KV_TB1 355699	46.24 -2.08 0.00	43.90 -1.36 0.00	42.33 -1.35 0.00	44.36 -1.23 0.00	48.48 -1.19 0.00	49.87 -2.85 0.00	67.43 -6.02 0.00	77.37 -7.00 0.00	64.98 -3.79 13.62	57.31 -2.10 8.24	54.67 -2.15 8.38	52.40 -1.76 6.45	51.97 -1.88 6.93	55.37 -1.77 8.44	58.22 -1.96 9.91	70.45 -5.47 0.00	88.54 -9.19 0.00	121.90 -13.85 0.00	103.57 -13.06 0.00	94.42 -10.96 0.00	79.40 -9.02 0.00	71.88 -7.37 0.00	65.70 -6.10 0.00	61.11 -5.31 0.00
SYNERGY___BIOGAS 323694	47.55 -0.77 0.00	45.04 -0.23 0.00	43.43 -0.26 0.00	45.50 -0.09 0.00	49.87 0.20 0.00	52.04 -0.69 0.00	71.10 -2.35 0.00	81.84 -2.53 0.00	68.46 -0.49 13.44	59.79 0.27 8.13	57.06 0.13 8.26	54.49 0.24 6.36	53.89 -0.06 6.84	57.46 0.20 8.32	60.67 0.35 9.77	74.17 -1.75 0.00	94.11 -3.62 0.00	130.05 -5.70 0.00	110.45 -6.18 0.00	100.64 -4.74 0.00	84.35 -4.07 0.00	76.08 -3.17 0.00	69.08 -2.73 0.00	64.10 -2.32 0.00
SYRACUSE___ENERGY_ST1 323597	47.55 -0.77 0.00	44.54 -0.72 0.00	43.03 -0.66 0.00	44.91 -0.68 0.00	48.93 -0.75 0.00	51.93 -0.79 0.00	72.50 -0.95 0.00	82.94 -1.43 0.00	55.48 -1.65 25.27	51.02 -1.35 15.27	48.30 -1.37 15.53	47.38 -1.27 11.95	46.60 -1.34 12.85	48.50 -1.44 15.64	50.18 -1.54 18.37	74.85 -1.06 0.00	96.06 -1.66 0.00	133.58 -2.17 0.00	114.41 -2.22 0.00	103.48 -1.90 0.00	86.56 -1.86 0.00	77.67 -1.59 0.00	70.30 -1.51 0.00	64.89 -1.53 0.00
SYRACUSE___ENERGY_ST2 323598	47.55 -0.77 0.00	44.54 -0.72 0.00	43.03 -0.66 0.00	44.91 -0.68 0.00	48.93 -0.75 0.00	51.93 -0.79 0.00	72.50 -0.95 0.00	82.94 -1.43 0.00	55.48 -1.65 25.27	51.02 -1.35 15.27	48.30 -1.37 15.53	47.38 -1.27 11.95	46.60 -1.34 12.85	48.50 -1.44 15.64	50.18 -1.54 18.37	74.85 -1.06 0.00	96.06 -1.66 0.00	133.58 -2.17 0.00	114.41 -2.22 0.00	103.48 -1.90 0.00	86.56 -1.86 0.00	77.67 -1.59 0.00	70.30 -1.51 0.00	64.89 -1.53 0.00
SYRACUSE___POWER 24017	47.50 -0.82 0.00	44.54 -0.72 0.00	43.03 -0.66 0.00	44.91 -0.68 0.00	48.93 -0.75 0.00	51.93 -0.79 0.00	72.42 -1.03 0.00	82.86 -1.52 0.00	55.54 -1.65 25.21	51.06 -1.35 15.23	48.34 -1.37 15.49	47.41 -1.27 11.92	46.63 -1.34 12.82	48.54 -1.44 15.60	50.23 -1.54 18.32	74.78 -1.14 0.00	95.96 -1.76 0.00	133.44 -2.31 0.00	114.30 -2.33 0.00	103.38 -2.00 0.00	86.48 -1.95 0.00	77.59 -1.66 0.00	70.15 -1.65 0.00	64.83 -1.59 0.00
TALLMAN__138KV_BK151 55660	50.21 1.88 0.00	46.85 1.58 0.00	45.09 1.40 0.00	47.01 1.41 0.00	51.11 1.44 0.00	54.36 1.63 0.00	76.10 2.64 0.00	87.33 2.95 0.00	82.95 1.15 0.60	68.16 0.88 0.36	65.48 0.65 0.37	60.87 0.55 0.28	61.03 0.55 0.30	65.67 0.46 0.37	69.94 0.28 0.44	77.51 1.59 0.00	100.17 2.44 0.00	138.87 3.12 0.00	119.89 3.27 0.00	108.43 3.06 0.00	90.72 2.30 0.00	81.31 2.06 0.00	73.53 1.72 0.00	68.08 1.66 0.00
TEALLAVE_115KV_TB7 355573	47.36 -0.97 0.00	44.40 -0.86 0.00	42.86 -0.83 0.00	44.73 -0.87 0.00	48.73 -0.94 0.00	51.72 -1.00 0.00	72.13 -1.32 0.00	82.52 -1.86 0.00	55.69 -1.98 24.73	51.08 -1.62 14.94	48.37 -1.63 15.20	47.40 -1.52 11.69	46.63 -1.58 12.58	48.57 -1.71 15.31	50.29 -1.82 17.98	74.47 -1.44 0.00	95.57 -2.15 0.00	132.76 -2.99 0.00	113.71 -2.92 0.00	102.85 -2.53 0.00	86.12 -2.30 0.00	77.27 -1.98 0.00	69.87 -1.94 0.00	64.63 -1.79 0.00
TELGRAPH_34_KV_EAST 80808	46.97 -1.35 0.00	44.54 -0.72 0.00	42.95 -0.74 0.00	45.00 -0.59 0.00	49.28 -0.40 0.00	51.19 -1.53 0.00	69.49 -3.97 0.00	79.82 -4.56 0.00	66.90 -1.98 13.52	58.66 -0.81 8.17	55.97 -0.91 8.31	53.60 -0.61 6.40	53.05 -0.85 6.88	56.55 -0.66 8.37	59.63 -0.63 9.83	72.50 -3.42 0.00	91.57 -6.16 0.00	126.38 -9.37 0.00	107.30 -9.33 0.00	97.79 -7.59 0.00	82.06 -6.37 0.00	74.18 -5.07 0.00	67.57 -4.24 0.00	62.84 -3.59 0.00
TEMPLE___115KV_TB 2 55572	47.36 -0.97 0.00	44.40 -0.86 0.00	42.90 -0.79 0.00	44.73 -0.87 0.00	48.78 -0.89 0.00	51.72 -1.00 0.00	72.13 -1.32 0.00	82.60 -1.77 0.00	55.46 -1.98 24.96	50.94 -1.62 15.08	48.23 -1.63 15.34	47.29 -1.52 11.80	46.51 -1.58 12.69	48.49 -1.64 15.45	50.13 -1.82 18.14	74.47 -1.44 0.00	95.57 -2.15 0.00	132.76 -2.99 0.00	113.71 -2.92 0.00	102.85 -2.53 0.00	86.12 -2.30 0.00	77.27 -1.98 0.00	69.87 -1.94 0.00	64.63 -1.79 0.00
TIANA____69_KV_BK 1 55817	52.48 4.16 0.00	48.70 3.44 0.00	46.88 3.19 0.00	48.56 2.96 0.00	53.00 3.33 0.00	56.99 4.27 0.00	77.49 4.04 0.00	89.95 5.57 0.00	82.57 0.74 0.56	66.43 -0.88 0.34	64.72 -0.13 0.35	59.73 -0.61 0.27	60.01 -0.49 0.29	65.04 -0.20 0.35	69.82 0.14 0.41	79.71 3.80 0.00	106.03 8.31 0.00	141.99 6.24 0.00	126.43 9.80 0.00	114.65 9.27 0.00	103.05 7.87 -6.75	101.04 7.05 -14.73	78.48 6.68 0.00	72.80 6.38 0.00

TILDEN___115KV_TB1 80814	47.50 -0.82 0.00	44.54 -0.72 0.00	43.03 -0.66 0.00	44.91 -0.68 0.00	48.93 -0.75 0.00	51.93 -0.79 0.00	72.42 -1.03 0.00	82.86 -1.52 0.00	55.54 -1.65 25.21	51.06 -1.35 15.23	48.34 -1.37 15.49	47.41 -1.27 11.92	46.63 -1.34 12.82	48.54 -1.44 15.60	50.23 -1.54 18.32	74.78 -1.14 0.00	95.96 -1.76 0.00	133.44 -2.31 0.00	114.30 -2.33 0.00	103.38 -2.00 0.00	86.48 -1.95 0.00	77.59 -1.66 0.00	70.15 -1.65 0.00	64.83 -1.59 0.00
TRIGEN___CC 323695	51.46 3.14 0.00	47.89 2.63 0.00	46.05 2.36 0.00	47.87 2.28 0.00	52.11 2.43 0.00	55.78 3.06 0.00	77.79 4.33 0.00	89.69 5.32 0.00	84.22 2.39 0.56	68.52 1.22 0.34	66.48 1.63 0.35	61.55 1.21 0.27	61.90 1.40 0.29	66.74 1.51 0.35	71.22 1.54 0.41	79.79 3.87 0.00	103.00 5.28 0.00	141.32 5.57 0.00	123.28 6.65 0.00	111.18 5.80 0.00	99.60 4.42 -6.76	98.03 4.04 -14.73	75.76 3.95 0.00	70.21 3.79 0.00
TRINITY___115KV___4 BK 55933	49.77 1.45 0.00	46.58 1.31 0.00	44.91 1.22 0.00	46.87 1.28 0.00	50.96 1.29 0.00	54.09 1.37 0.00	74.77 1.32 0.00	85.81 1.43 0.00	82.73 0.33 0.00	67.58 -0.07 0.00	65.19 0.00 0.00	60.61 0.00 0.00	60.73 -0.06 0.00	65.45 -0.13 0.00	69.74 -0.35 0.00	76.68 0.76 0.00	98.70 0.98 0.00	137.24 1.49 0.00	118.26 1.63 0.00	106.64 1.26 0.00	89.39 0.97 0.00	80.12 0.87 0.00	72.74 0.93 0.00	67.68 1.26 0.00
UNION___PROCESSING_DRP 323587	47.11 -1.21 0.00	44.45 -0.81 0.00	42.86 -0.83 0.00	44.82 -0.78 0.00	49.03 -0.65 0.00	51.72 -1.00 0.00	71.32 -2.13 0.00	81.93 -2.45 0.00	67.38 -1.90 13.12	58.57 -1.15 7.93	55.96 -1.17 8.06	53.43 -0.97 6.21	52.90 -1.22 6.67	56.28 -1.18 8.12	59.43 -1.12 9.54	74.32 -1.59 0.00	94.60 -3.13 0.00	131.00 -4.75 0.00	111.61 -5.02 0.00	101.48 -3.90 0.00	85.06 -3.36 0.00	76.48 -2.77 0.00	69.29 -2.51 0.00	64.16 -2.26 0.00
UPPER HUDSON___HYD 24058	51.42 3.10 0.00	48.07 2.81 0.00	46.31 2.62 0.00	48.42 2.83 0.00	52.75 3.08 0.00	56.36 3.64 0.00	76.68 3.23 0.00	87.92 3.54 0.00	84.70 2.30 0.00	68.93 1.28 0.00	66.11 0.91 0.00	61.09 0.48 0.00	61.09 0.31 0.00	65.84 0.26 0.00	70.51 0.42 0.00	77.89 1.97 0.00	100.85 3.13 0.00	140.91 5.16 0.00	121.06 4.43 0.00	109.07 3.69 0.00	91.60 3.18 0.00	81.71 2.46 0.00	74.03 2.23 0.00	68.75 2.32 0.00
UPPER RAQUET___HYD 24056	48.23 -0.10 0.00	45.35 0.09 0.00	43.69 0.00 0.00	45.73 0.14 0.00	49.92 0.25 0.00	52.77 0.05 0.00	73.90 0.44 0.00	84.72 0.34 0.00	78.93 0.00 3.46	66.03 0.48 2.09	63.79 0.72 2.13	59.70 0.73 1.64	59.88 0.85 1.76	64.55 1.11 2.14	68.48 0.91 2.52	76.68 0.76 0.00	98.70 0.98 0.00	138.20 2.45 0.00	118.26 1.63 0.00	106.85 1.47 0.00	90.01 1.59 0.00	80.68 1.43 0.00	73.24 1.44 0.00	67.62 1.20 0.00
VALLEY44_115KV_TB2 355964	46.39 -1.93 0.00	43.95 -1.31 0.00	42.38 -1.31 0.00	44.50 -1.09 0.00	48.73 -0.94 0.00	51.30 -1.42 0.00	70.59 -2.86 0.00	81.09 -3.29 0.00	68.81 1.73 15.32	60.41 2.03 9.26	57.60 1.83 9.42	55.29 1.94 7.25	54.75 1.76 7.80	58.26 2.16 9.49	61.27 2.31 11.14	74.02 -1.90 0.00	93.72 -4.01 0.00	129.51 -6.24 0.00	110.21 -6.41 0.00	100.00 -5.37 0.00	83.65 -4.77 0.00	75.53 -3.72 0.00	68.65 -3.16 0.00	63.50 -2.92 0.00
VALLEY___115KV_TB 1-4 80826	50.40 2.08 0.00	47.16 1.90 0.00	45.48 1.79 0.00	47.42 1.82 0.00	51.71 2.04 0.00	54.88 2.16 0.00	76.54 3.08 0.00	88.17 3.80 0.00	83.79 3.71 2.32	69.43 3.18 1.40	66.97 3.19 1.42	62.54 3.03 1.10	62.77 3.16 1.18	67.69 3.54 1.43	72.26 3.86 1.68	80.24 4.33 0.00	103.39 5.67 0.00	143.62 7.87 0.00	123.51 6.88 0.00	111.60 6.22 0.00	93.46 5.04 0.00	83.77 4.52 0.00	76.11 4.31 0.00	70.41 3.99 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	50.30 1.98 0.00	47.07 1.81 0.00	45.44 1.75 0.00	47.37 1.78 0.00	51.71 2.04 0.00	54.88 2.16 0.00	77.12 3.67 0.00	89.44 5.06 0.00	78.55 4.04 7.88	65.99 3.11 4.76	62.96 2.61 4.84	59.24 2.36 3.73	59.15 2.37 4.01	63.39 2.69 4.88	67.17 2.80 5.73	79.56 3.64 0.00	102.90 5.18 0.00	143.35 7.60 0.00	123.16 6.53 0.00	110.96 5.59 0.00	92.84 4.42 0.00	83.14 3.88 0.00	75.32 3.52 0.00	69.68 3.25 0.00
VISCHER___FERRY HYD 24020	50.40 2.08 0.00	47.12 1.86 0.00	45.44 1.75 0.00	47.42 1.83 0.00	51.61 1.94 0.00	54.83 2.11 0.00	76.17 2.72 0.00	87.16 2.78 0.00	84.04 1.65 0.00	68.59 0.95 0.00	65.91 0.72 0.00	61.15 0.54 0.00	61.27 0.48 0.00	66.04 0.46 0.00	70.59 0.49 0.00	77.74 1.82 0.00	100.36 2.64 0.00	139.42 3.67 0.00	119.89 3.26 0.00	108.44 3.06 0.00	90.89 2.47 0.00	81.39 2.14 0.00	73.81 2.01 0.00	68.41 1.99 0.00
V_A_10_SYNC_DSASP 323832	46.29 -2.03 0.00	43.77 -1.49 0.00	42.25 -1.44 0.00	44.18 -1.41 0.00	48.33 -1.34 0.00	50.61 -2.11 0.00	69.04 -4.41 0.00	79.14 -5.23 0.00	65.44 -4.04 12.92	57.34 -2.50 7.80	54.72 -2.54 7.93	52.32 -2.18 6.11	51.85 -2.37 6.57	55.29 -2.30 7.99	58.25 -2.45 9.39	72.05 -3.87 0.00	91.08 -6.65 0.00	125.57 -10.18 0.00	106.83 -9.80 0.00	97.26 -8.11 0.00	81.70 -6.72 0.00	73.78 -5.47 0.00	67.28 -4.52 0.00	62.30 -4.12 0.00
V_CMM_10_SYNC_DSASP 323787	48.37 0.05 0.00	45.35 0.09 0.00	43.73 0.04 0.00	45.68 0.09 0.00	49.87 0.20 0.00	52.99 0.26 0.00	73.89 0.44 0.00	84.97 0.59 0.00	81.69 0.41 1.12	67.44 0.47 0.67	65.16 0.65 0.69	60.74 0.67 0.53	60.95 0.73 0.57	65.74 0.85 0.69	70.33 1.05 0.81	77.06 1.14 0.00	98.99 1.27 0.00	137.52 1.76 0.00	117.91 1.28 0.00	106.64 1.26 0.00	90.10 1.68 0.00	80.84 1.59 0.00	73.17 1.36 0.00	67.55 1.13 0.00
V_CMP_10_SYNC_DSASP 323788	48.27 -0.05 0.00	45.08 -0.18 0.00	43.43 -0.26 0.00	45.41 -0.18 0.00	49.57 -0.10 0.00	52.72 0.00 0.00	73.67 0.22 0.00	84.97 0.59 0.00	82.02 0.66 1.04	67.83 0.81 0.63	65.73 1.17 0.64	61.39 1.27 0.49	61.78 1.52 0.53	66.78 1.84 0.64	71.58 2.24 0.75	78.50 2.58 0.00	101.53 3.81 0.00	141.72 5.97 0.00	121.29 4.67 0.00	109.80 4.43 0.00	92.49 4.07 0.00	82.74 3.49 0.00	74.75 2.94 0.00	68.95 2.52 0.00
V_D_10_SYNC_DSASP 323841	48.71 0.39 0.00	45.67 0.41 0.00	44.04 0.35 0.00	46.05 0.46 0.00	50.27 0.60 0.00	53.35 0.63 0.00	74.48 1.03 0.00	85.56 1.18 0.00	81.90 0.99 1.49	67.69 0.95 0.90	65.39 1.11 0.92	60.99 1.09 0.70	61.24 1.22 0.76	66.04 1.38 0.92	70.55 1.54 1.08	77.59 1.67 0.00	100.07 2.35 0.00	139.42 3.67 0.00	119.43 2.80 0.00	108.01 2.63 0.00	90.99 2.56 0.00	81.47 2.22 0.00	73.75 1.94 0.00	68.08 1.66 0.00
V_E_10_SYNC_DSASP 323830	50.16 1.84 0.00	46.98 1.72 0.00	45.39 1.70 0.00	47.37 1.78 0.00	51.91 2.24 0.00	55.46 2.74 0.00	78.74 5.29 0.00	90.45 6.08 0.00	70.41 6.43 18.42	61.18 4.67 11.13	57.72 3.85 11.32	55.53 3.64 8.71	55.19 3.77 9.37	58.84 4.66 11.40	62.17 5.47 13.39	82.29 6.38 0.00	107.20 9.48 0.00	150.00 14.25 0.00	128.06 11.43 0.00	115.28 9.91 0.00	96.03 7.60 0.00	85.51 6.26 0.00	76.90 5.10 0.00	70.54 4.12 0.00

V_F_30_NSYNC___DSASP 323816	50.88 2.56 0.00	47.57 2.31 0.00	45.87 2.18 0.00	47.92 2.33 0.00	52.16 2.48 0.00	55.57 2.85 0.00	76.83 3.38 0.00	88.17 3.80 0.00	85.03 2.64 0.00	69.27 1.62 0.00	66.43 1.24 0.00	61.51 0.91 0.00	61.58 0.79 0.00	66.43 0.85 0.00	71.14 1.05 0.00	78.50 2.58 0.00	101.44 3.71 0.00	141.32 5.57 0.00	121.64 5.02 0.00	109.59 4.22 0.00	91.96 3.54 0.00	82.18 2.93 0.00	74.46 2.66 0.00	69.15 2.72 0.00
V_F_30_SYNC_DSASP 323786	49.87 1.55 0.00	46.71 1.45 0.00	45.04 1.35 0.00	47.01 1.41 0.00	51.06 1.39 0.00	54.25 1.53 0.00	74.99 1.54 0.00	86.06 1.69 0.00	82.97 0.58 0.00	67.78 0.14 0.00	65.46 0.26 0.00	60.85 0.24 0.00	60.97 0.18 0.00	65.71 0.13 0.00	69.95 -0.14 0.00	76.98 1.06 0.00	99.09 1.37 0.00	137.79 2.04 0.00	118.73 2.10 0.00	107.06 1.69 0.00	89.66 1.24 0.00	80.36 1.11 0.00	72.96 1.15 0.00	67.88 1.46 0.00
V_XM_10_SYNC_DSASP 323789	48.27 -0.05 0.00	45.08 -0.18 0.00	43.43 -0.26 0.00	45.41 -0.18 0.00	49.57 -0.10 0.00	52.72 0.00 0.00	73.67 0.22 0.00	84.97 0.59 0.00	82.02 0.66 1.04	67.83 0.81 0.63	65.73 1.17 0.64	61.39 1.27 0.49	61.78 1.52 0.53	66.78 1.84 0.64	71.58 2.24 0.75	78.50 2.58 0.00	101.53 3.81 0.00	141.72 5.97 0.00	121.29 4.67 0.00	109.80 4.43 0.00	92.49 4.07 0.00	82.74 3.49 0.00	74.75 2.94 0.00	68.95 2.52 0.00
W.BABYLN_69_KV_BK1 56697	52.62 4.30 0.00	48.88 3.62 0.00	47.01 3.32 0.00	48.74 3.15 0.00	53.15 3.48 0.00	57.10 4.38 0.00	79.40 5.95 0.00	91.72 7.34 0.00	85.62 3.79 0.56	69.13 1.83 0.34	67.19 2.35 0.35	62.16 1.82 0.27	62.50 2.01 0.29	67.53 2.30 0.35	72.20 2.52 0.41	81.46 5.54 0.00	105.83 8.11 0.00	143.62 7.87 0.00	126.08 9.45 0.00	114.23 8.85 0.00	102.43 7.25 -6.75	100.48 6.50 -14.73	77.84 6.03 0.00	72.13 5.71 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.50 2.17 0.00	47.12 1.86 0.00	45.35 1.66 0.00	47.28 1.69 0.00	51.46 1.79 0.00	54.73 2.00 0.00	76.61 3.67 0.00	88.00 4.30 0.00	83.62 1.81 0.59	68.64 1.35 0.35	65.94 1.11 0.36	61.30 0.97 0.28	61.46 0.97 0.30	66.07 0.85 0.36	70.44 0.77 0.43	78.04 2.13 0.00	100.95 3.22 0.00	139.96 4.21 0.00	120.83 4.20 0.00	109.07 3.69 0.00	91.25 2.83 0.00	81.79 2.54 0.00	73.96 2.15 0.00	68.48 2.06 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.93 2.61 0.00	47.48 2.22 0.00	45.70 2.01 0.00	47.60 2.01 0.00	51.76 2.09 0.00	55.04 2.32 0.00	77.12 3.67 0.00	88.68 4.30 0.00	84.30 2.47 0.57	69.40 2.10 0.34	66.74 1.89 0.35	61.97 1.64 0.27	62.20 1.70 0.29	66.81 1.57 0.35	71.08 1.40 0.41	78.73 2.81 0.00	101.63 3.91 0.00	140.64 4.89 0.00	121.64 5.02 0.00	109.59 4.22 0.00	91.69 3.27 0.00	82.18 2.93 0.00	74.46 2.66 0.00	68.95 2.52 0.00
W50THST__13_KV_LOAD 356117	51.08 2.75 0.00	47.62 2.35 0.00	45.83 2.14 0.00	47.74 2.14 0.00	51.91 2.24 0.00	55.25 2.53 0.00	77.42 3.97 0.00	89.02 4.64 0.00	84.72 2.88 0.57	69.74 2.44 0.34	67.06 2.22 0.35	62.34 2.00 0.27	62.50 2.01 0.29	67.13 1.90 0.35	71.43 1.75 0.41	79.11 3.19 0.00	102.12 4.40 0.00	141.32 5.57 0.00	122.11 5.48 0.00	110.12 4.74 0.00	92.05 3.63 0.00	82.50 3.25 0.00	74.75 2.94 0.00	69.21 2.79 0.00
WADING RIVER_IC_1 23522	52.38 4.06 0.00	48.61 3.35 0.00	46.75 3.06 0.00	48.33 2.74 0.00	52.86 3.18 0.00	56.89 4.16 0.00	76.90 3.45 0.00	89.35 4.98 0.00	81.67 -0.16 0.56	65.62 -1.69 0.34	64.00 -0.85 0.35	59.13 -1.21 0.27	59.28 -1.22 0.29	64.45 -0.78 0.35	69.05 -0.63 0.41	78.88 2.96 0.00	105.64 7.91 -0.01	140.63 4.88 0.00	125.50 8.86 -0.01	113.92 8.53 -0.01	102.43 7.25 -6.75	100.48 6.50 -14.73	78.06 6.24 -0.01	72.28 5.85 -0.01
WADING RIVER_IC_2 23547	52.38 4.06 0.00	48.61 3.35 0.00	46.75 3.06 0.00	48.33 2.74 0.00	52.86 3.18 0.00	56.89 4.16 0.00	76.90 3.45 0.00	89.35 4.98 0.00	81.67 -0.16 0.56	65.62 -1.69 0.34	64.00 -0.85 0.35	59.13 -1.21 0.27	59.28 -1.22 0.29	64.45 -0.78 0.35	69.05 -0.63 0.41	78.88 2.96 0.00	105.64 7.91 -0.01	140.63 4.88 0.00	125.50 8.86 -0.01	113.92 8.53 -0.01	102.43 7.25 -6.75	100.48 6.50 -14.73	78.06 6.24 -0.01	72.28 5.85 -0.01
WADING RIVER_IC_3 23601	52.38 4.06 0.00	48.61 3.35 0.00	46.75 3.06 0.00	48.33 2.74 0.00	52.86 3.18 0.00	56.89 4.16 0.00	76.90 3.45 0.00	89.35 4.98 0.00	81.67 -0.16 0.56	65.62 -1.69 0.34	64.00 -0.85 0.35	59.13 -1.21 0.27	59.28 -1.22 0.29	64.45 -0.78 0.35	69.05 -0.63 0.41	78.88 2.96 0.00	105.64 7.91 -0.01	140.63 4.88 0.00	125.50 8.86 -0.01	113.92 8.53 -0.01	102.43 7.25 -6.75	100.48 6.50 -14.73	78.06 6.24 -0.01	72.28 5.85 -0.01
WALDENNY_12_KV_BK2 80841	46.68 -1.64 0.00	44.27 -1.00 0.00	42.73 -0.96 0.00	44.82 -0.78 0.00	49.13 -0.55 0.00	51.30 -1.42 0.00	69.85 -3.60 0.00	80.33 -4.05 0.00	67.38 -0.91 14.11	59.25 0.14 8.54	56.52 0.00 8.68	54.16 0.24 6.68	53.72 0.12 7.19	57.30 0.46 8.74	60.25 0.42 10.27	73.18 -2.73 0.00	92.15 -5.57 0.00	127.06 -8.69 0.00	107.88 -8.75 0.00	98.32 -7.06 0.00	82.41 -6.01 0.00	74.58 -4.68 0.00	68.07 -3.73 0.00	63.03 -3.39 0.00
WALDEN__HYDRO 24148	50.35 2.03 0.00	47.03 1.77 0.00	45.30 1.62 0.00	47.23 1.64 0.00	51.41 1.74 0.00	54.62 1.90 0.00	76.46 3.01 0.00	87.92 3.54 0.00	83.70 1.90 0.59	68.58 1.29 0.36	65.88 1.04 0.36	61.24 0.91 0.28	61.40 0.91 0.30	66.07 0.85 0.36	70.44 0.77 0.43	78.04 2.13 0.00	100.95 3.22 0.00	140.37 4.62 0.00	121.06 4.43 0.00	109.28 3.90 0.00	91.43 3.01 0.00	81.87 2.62 0.00	74.03 2.23 0.00	68.55 2.13 0.00
WARRENSBURG____ 23737	51.42 3.09 0.00	48.07 2.81 0.00	46.31 2.62 0.00	48.42 2.83 0.00	52.75 3.08 0.00	56.36 3.64 0.00	76.68 3.23 0.00	87.92 3.54 0.00	84.70 2.31 0.00	68.93 1.29 0.00	66.11 0.91 0.00	61.09 0.48 0.00	61.09 0.30 0.00	65.84 0.26 0.00	70.51 0.42 0.00	77.97 2.05 0.00	100.85 3.13 0.00	140.91 5.16 0.00	121.18 4.55 0.00	109.07 3.69 0.00	91.60 3.18 0.00	81.71 2.46 0.00	74.03 2.23 0.00	68.81 2.39 0.00
WATERSIDE____6 8 9 23538	51.18 2.85 -0.01	47.76 2.49 -0.01	45.92 2.23 -0.01	47.88 2.28 -0.01	51.96 2.28 0.00	55.25 2.53 0.00	76.83 3.38 0.00	88.34 3.97 0.00	83.97 2.14 0.57	69.40 2.10 0.34	66.74 1.89 0.35	62.04 1.70 0.27	62.20 1.70 0.29	66.67 1.44 0.35	70.73 1.05 0.41	78.11 2.20 0.01	100.94 3.22 0.01	139.68 3.94 0.01	120.82 4.20 0.01	108.95 3.58 0.01	91.07 2.65 0.01	81.70 2.46 0.01	74.10 2.30 0.00	69.01 2.59 0.00
WATKINRD_115KV_LN8_ILLION 55919	49.87 1.55 0.00	46.67 1.40 0.00	45.04 1.35 0.00	46.96 1.37 0.00	51.21 1.54 0.00	54.36 1.63 0.00	75.80 2.35 0.00	87.24 2.87 0.00	82.72 2.64 2.32	68.41 2.16 1.40	65.92 2.15 1.42	61.57 2.06 1.10	61.74 2.13 1.18	66.51 2.36 1.43	71.00 2.59 1.68	78.95 3.04 0.00	101.73 4.01 0.00	141.32 5.57 0.00	121.53 4.90 0.00	109.70 4.32 0.00	91.96 3.54 0.00	82.42 3.17 0.00	74.82 3.02 0.00	69.21 2.79 0.00

WDELAWARE___HYD 323627	50.79 2.46 0.00	47.48 2.22 0.00	45.70 2.01 0.00	47.69 2.10 0.00	52.01 2.34 0.00	55.25 2.53 0.00	77.56 4.11 0.00	89.27 4.89 0.00	84.49 2.72 0.62	68.96 1.69 0.38	66.12 1.30 0.38	61.40 1.09 0.29	61.56 1.10 0.32	66.31 1.11 0.38	70.83 1.19 0.45	78.50 2.58 0.00	101.92 4.20 0.00	142.00 6.25 0.00	122.23 5.60 0.00	110.44 5.06 0.00	92.31 3.89 0.00	82.66 3.41 0.00	74.68 2.88 0.00	68.88 2.46 0.00
WEST BABYLON___IC 23714	52.62 4.30 0.00	48.88 3.62 0.00	47.01 3.32 0.00	48.74 3.15 0.00	53.15 3.48 0.00	57.10 4.38 0.00	79.40 5.95 0.00	91.72 7.34 0.00	85.62 3.79 0.56	69.13 1.83 0.34	67.19 2.35 0.35	62.16 1.82 0.27	62.50 2.01 0.29	67.53 2.30 0.35	72.20 2.52 0.41	81.46 5.54 0.00	105.83 8.11 0.00	143.62 7.87 0.00	126.08 9.45 0.00	114.23 8.85 0.00	102.43 7.25 -6.75	100.48 6.50 -14.73	77.84 6.03 0.00	72.13 5.71 0.00
WEST CANADA___HYD 24049	48.47 0.15 0.00	45.40 0.14 0.00	43.82 0.13 0.00	45.73 0.14 0.00	49.82 0.15 0.00	52.88 0.16 0.00	73.67 0.22 0.00	84.72 0.34 0.00	80.08 0.00 2.32	66.18 -0.07 1.40	63.71 -0.07 1.42	59.39 -0.12 1.10	59.49 -0.12 1.18	64.02 -0.13 1.43	68.27 -0.14 1.68	76.07 0.15 0.00	98.02 0.29 0.00	136.16 0.41 0.00	116.98 0.35 0.00	105.70 0.32 0.00	88.60 0.18 0.00	79.41 0.16 0.00	71.95 0.14 0.00	66.62 0.20 0.00
WESTERN_NY_WIND 24143	47.50 -0.82 0.00	44.99 -0.27 0.00	43.38 -0.31 0.00	45.46 -0.14 0.00	49.87 0.20 0.00	51.98 -0.74 0.00	70.95 -2.50 0.00	81.59 -2.78 0.00	68.35 -0.58 13.47	59.70 0.20 8.14	56.91 0.00 8.28	54.41 0.18 6.37	53.81 -0.12 6.86	57.37 0.13 8.34	60.51 0.21 9.80	74.02 -1.90 0.00	93.81 -3.91 0.00	129.78 -5.97 0.00	110.21 -6.41 0.00	100.43 -4.95 0.00	84.18 -4.24 0.00	75.92 -3.33 0.00	68.93 -2.87 0.00	63.96 -2.46 0.00
WESTOVER___LESR 323668	47.98 -0.34 0.00	45.04 -0.23 0.00	43.51 -0.17 0.00	45.41 -0.18 0.00	49.57 -0.10 0.00	52.51 -0.21 0.00	73.16 -0.29 0.00	82.69 -1.69 0.00	60.32 -0.16 21.91	54.34 -0.07 13.24	51.54 -0.20 13.46	50.12 -0.72 10.36	49.40 -0.67 11.14	51.89 -0.13 13.56	54.02 -0.14 15.93	75.08 -0.84 0.00	95.96 -1.76 0.00	133.31 -2.44 0.00	113.83 -2.80 0.00	103.06 -2.32 0.00	86.12 -2.30 0.00	77.43 -1.82 0.00	70.01 -1.80 0.00	64.70 -1.73 0.00
WETHRSFD_WT_PWR 323626	45.81 -2.51 0.00	43.45 -1.81 0.00	42.03 -1.66 0.00	44.23 -1.37 0.00	48.53 -1.14 0.00	51.03 -1.69 0.00	70.07 -3.38 0.00	80.41 -3.96 0.00	66.36 -2.14 13.89	58.29 -0.95 8.40	55.54 -1.11 8.55	53.30 -0.72 6.58	53.04 -0.67 7.08	56.38 -0.59 8.61	59.29 -0.70 10.11	72.35 -3.57 0.00	91.96 -5.77 0.00	125.71 -10.04 0.00	108.23 -8.40 0.00	97.27 -8.11 0.00	81.61 -6.81 0.00	73.78 -5.47 0.00	67.35 -4.45 0.00	62.90 -3.52 0.00
WHAVSTOR_138KV_BK127 55557	50.26 1.93 0.00	46.94 1.67 0.00	45.17 1.49 0.00	47.10 1.50 0.00	51.21 1.54 0.00	54.46 1.74 0.00	76.17 2.72 0.00	87.50 3.12 0.00	83.05 1.24 0.59	68.17 0.88 0.35	65.55 0.72 0.36	60.87 0.55 0.28	61.10 0.61 0.30	65.68 0.46 0.36	69.95 0.28 0.43	77.59 1.67 0.00	100.26 2.54 0.00	138.87 3.12 0.00	120.01 3.38 0.00	108.33 2.95 0.00	90.63 2.21 0.00	81.23 1.98 0.00	73.53 1.72 0.00	68.08 1.66 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.26 1.93 0.00	46.94 1.67 0.00	45.17 1.49 0.00	47.10 1.50 0.00	51.21 1.54 0.00	54.46 1.74 0.00	76.17 2.72 0.00	87.50 3.12 0.00	83.05 1.24 0.59	68.17 0.88 0.35	65.55 0.72 0.36	60.87 0.55 0.28	61.10 0.61 0.30	65.68 0.46 0.36	69.95 0.28 0.43	77.59 1.67 0.00	100.26 2.54 0.00	138.87 3.12 0.00	120.01 3.38 0.00	108.33 2.95 0.00	90.63 2.21 0.00	81.23 1.98 0.00	73.53 1.72 0.00	68.08 1.66 0.00
WHITEHAL_115KV_TB1 80871	52.04 3.72 0.00	48.61 3.35 0.00	46.83 3.15 0.00	48.97 3.37 0.00	53.40 3.73 0.00	57.15 4.43 0.00	78.15 4.70 0.00	89.69 5.32 0.00	86.43 4.04 0.00	70.15 2.50 0.00	67.15 1.96 0.00	61.88 1.27 0.00	61.88 1.09 0.00	66.76 1.18 0.00	71.70 1.61 0.00	79.41 3.49 0.00	103.00 5.28 0.00	144.30 8.55 0.00	123.98 7.35 0.00	111.39 6.01 0.00	93.55 5.13 0.00	83.21 3.96 0.00	75.32 3.52 0.00	70.01 3.59 0.00
WHITEPLN_13_KV_LOAD 356215	51.08 2.75 0.00	47.62 2.35 0.00	45.79 2.10 0.00	47.74 2.14 0.00	51.96 2.28 0.00	55.30 2.58 0.00	77.49 4.04 0.00	89.02 4.64 0.00	84.79 2.97 0.57	69.67 2.37 0.35	66.93 2.09 0.35	62.15 1.82 0.27	62.38 1.88 0.29	67.06 1.84 0.35	71.43 1.75 0.42	79.18 3.26 0.00	102.51 4.79 0.00	141.86 6.11 0.00	122.58 5.95 0.00	110.65 5.27 0.00	92.49 4.07 0.00	82.82 3.57 0.00	74.89 3.09 0.00	69.34 2.92 0.00
WM_FLOYD_69_KV_BK2 356380	52.33 4.01 0.00	48.57 3.30 0.00	46.70 3.01 0.00	48.42 2.83 0.00	52.80 3.13 0.00	56.83 4.11 0.00	77.79 4.33 0.00	90.11 5.74 0.00	83.07 1.24 0.56	66.90 -0.41 0.34	65.11 0.26 0.35	60.16 -0.18 0.27	60.44 -0.06 0.29	65.43 0.20 0.35	70.17 0.49 0.41	79.79 3.87 0.00	105.34 7.62 0.00	141.04 5.29 0.00	125.26 8.63 0.00	113.49 8.11 0.00	102.16 6.99 -6.75	100.24 6.26 -14.73	77.84 6.03 0.00	72.13 5.71 0.00
WOODARD___115KV_TB2 355635	47.31 -1.01 0.00	44.31 -0.95 0.00	42.81 -0.87 0.00	44.68 -0.91 0.00	48.68 -0.99 0.00	51.67 -1.05 0.00	71.98 -1.47 0.00	82.44 -1.94 0.00	55.12 -2.14 25.13	50.70 -1.76 15.18	47.99 -1.76 15.44	47.09 -1.64 11.88	46.30 -1.70 12.78	48.19 -1.84 15.55	49.86 -1.96 18.27	74.40 -1.52 0.00	95.47 -2.25 0.00	132.63 -3.12 0.00	113.60 -3.03 0.00	102.74 -2.63 0.00	86.03 -2.39 0.00	77.19 -2.06 0.00	69.87 -1.94 0.00	64.56 -1.86 0.00
WOODMERE_69_KV_BK1 55827	52.09 3.77 0.00	48.43 3.17 0.00	46.57 2.88 0.00	48.37 2.78 0.00	52.70 3.03 0.00	56.41 3.69 0.00	78.74 5.29 0.00	90.79 6.41 0.00	85.29 3.46 0.56	69.27 1.96 0.34	67.26 2.41 0.35	62.28 1.94 0.27	62.57 2.07 0.29	67.53 2.30 0.35	72.13 2.45 0.41	80.85 4.93 0.00	104.57 6.84 0.00	143.63 7.87 0.00	125.26 8.63 0.00	112.97 7.59 0.00	100.93 5.75 -6.76	99.14 5.15 -14.74	76.76 4.95 0.00	71.07 4.65 0.00
YORK___WARBASSE 23770	51.52 3.19 -0.01	48.03 2.76 -0.01	46.19 2.49 -0.01	48.15 2.55 -0.01	52.31 2.63 0.00	55.57 2.85 0.00	77.27 3.82 0.00	88.85 4.47 0.00	84.39 2.55 0.57	69.67 2.37 0.34	67.00 2.15 0.35	62.10 1.76 0.27	62.32 1.82 0.29	66.61 1.38 0.35	70.52 0.84 0.41	77.88 1.97 0.01	100.84 3.13 0.01	139.54 3.80 0.01	120.70 4.08 0.01	108.95 3.58 0.01	91.15 2.74 0.01	81.70 2.46 0.01	74.10 2.30 0.00	69.21 2.79 0.00