

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

12/16/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	62.59	52.56	52.10	50.88	52.74	84.94	79.87	96.69	70.59	78.69	60.72	58.84	72.85	71.57	64.63	63.38	70.46	78.86	67.85	60.80	54.67	53.91	50.09	66.48
24138	3.03	2.47	2.24	2.08	2.23	3.69	3.78	5.98	4.38	4.95	3.45	3.57	4.36	4.37	3.86	3.92	4.96	5.95	4.77	3.92	3.69	3.50	3.30	4.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.05	0.00	0.00	0.00	0.05	0.01	0.00	0.22	0.00	0.04	0.03	0.01	0.00	0.00	0.00
74TH STREET_GT_1	62.64	52.61	52.15	50.91	52.76	85.02	79.95	96.74	70.60	78.65	60.70	58.83	72.84	71.56	64.62	63.36	70.42	78.83	67.85	60.84	54.69	53.94	50.10	66.49
24260	3.08	2.52	2.29	2.12	2.26	3.77	3.87	6.03	4.38	4.91	3.42	3.57	4.35	4.35	3.85	3.90	4.91	5.92	4.77	3.95	3.71	3.53	3.31	4.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.05	0.00	0.00	0.00	0.05	0.01	0.00	0.22	0.00	0.04	0.03	0.01	0.00	0.00	0.00
74TH STREET_GT_2	62.64	52.61	52.15	50.91	52.76	85.02	79.95	96.74	70.60	78.65	60.70	58.83	72.84	71.56	64.62	63.36	70.42	78.83	67.85	60.84	54.69	53.94	50.10	66.49
24261	3.08	2.52	2.29	2.12	2.26	3.77	3.87	6.03	4.38	4.91	3.42	3.57	4.35	4.35	3.85	3.90	4.91	5.92	4.77	3.95	3.71	3.53	3.31	4.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.05	0.00	0.00	0.00	0.05	0.01	0.00	0.22	0.00	0.04	0.03	0.01	0.00	0.00	0.00
ADK HUDSON___FALLS	62.15	52.14	51.87	50.65	52.43	84.96	80.47	97.31	71.17	79.13	60.87	58.93	72.91	71.20	64.63	63.06	70.31	78.27	67.56	60.71	54.37	53.41	49.42	65.45
24011	2.59	2.05	2.00	1.86	1.92	3.72	4.38	6.53	4.95	5.33	3.60	3.66	4.42	3.95	3.85	3.60	4.59	5.35	4.43	3.80	3.38	3.00	2.63	3.20
	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	62.43	52.34	52.07	50.85	52.60	85.34	80.94	97.89	71.63	79.62	61.10	59.17	73.30	71.60	65.09	63.38	70.65	78.63	67.90	61.03	54.66	53.65	49.61	65.73
23798	2.87	2.25	2.20	2.05	2.10	4.09	4.85	7.12	5.42	5.83	3.83	3.91	4.81	4.35	4.31	3.92	4.93	5.72	4.77	4.12	3.67	3.24	2.82	3.48
	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	62.15	52.14	51.87	50.65	52.43	84.96	80.47	97.31	71.17	79.13	60.87	58.93	72.91	71.20	64.63	63.06	70.31	78.27	67.56	60.71	54.37	53.41	49.42	65.45
24028	2.59	2.05	2.00	1.86	1.92	3.72	4.38	6.53	4.95	5.33	3.60	3.66	4.42	3.95	3.85	3.60	4.59	5.35	4.43	3.80	3.38	3.00	2.63	3.20
	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	62.98	52.84	52.46	51.26	53.02	85.70	80.51	96.94	70.90	78.90	60.80	58.93	72.94	71.51	64.84	63.53	70.58	78.62	67.88	60.98	54.73	53.90	50.10	66.47
23527	3.42	2.75	2.60	2.46	2.51	4.46	4.42	6.16	4.68	5.11	3.52	3.67	4.45	4.26	4.06	4.07	4.86	5.71	4.76	4.08	3.74	3.49	3.31	4.22
	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	61.34	51.53	51.25	50.12	51.87	83.50	77.78	93.39	68.24	75.96	58.71	56.77	70.32	69.03	62.46	61.21	67.95	75.60	65.26	58.67	52.62	52.02	48.63	64.56
24190	1.78	1.44	1.39	1.32	1.36	2.26	1.69	2.61	2.03	2.17	1.43	1.50	1.83	1.78	1.68	1.75	2.24	2.69	2.14	1.76	1.64	1.61	1.84	2.30
	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	60.12	50.64	50.49	49.42	51.06	82.11	76.78	90.87	66.34	74.02	57.89	55.77	69.22	67.88	61.25	59.73	65.48	72.24	62.79	56.84	50.79	41.48	44.88	57.63
355683	0.57	0.55	0.63	0.63	0.55	0.86	0.69	0.10	0.12	0.23	0.62	0.50	0.73	0.63	0.47	0.27	-0.24	-0.67	-0.33	-0.07	-0.20	-0.19	-0.20	-0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.74	1.70	4.51
ALBANY_1_SOLAR	62.15	52.21	51.96	50.81	52.61	84.72	82.16	100.49	73.54	81.63	62.92	60.52	74.67	73.32	66.64	65.72	72.87	78.02	66.25	59.59	53.44	52.74	49.13	65.27
323833	2.59	2.12	2.10	2.02	2.10	3.48	6.07	9.71	7.32	7.84	5.64	5.26	6.17	6.07	5.86	6.26	7.15	5.10	3.13	2.68	2.45	2.33	2.34	3.02
	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	62.13	52.20	51.94	50.80	52.61	84.69	82.15	100.49	73.54	81.63	62.92	60.52	74.66	73.32	66.63	65.72	72.87	77.99	66.25	59.56	53.42	52.73	49.11	65.25
323834	2.58	2.11	2.08	2.01	2.10	3.44	6.06	9.71	7.32	7.84	5.64	5.26	6.17	6.07	5.85	6.26	7.15	5.07	3.12	2.65	2.43	2.32	2.32	2.99
	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	61.34	51.53	51.25	50.12	51.87	83.50	77.78	93.39	68.24	75.96	58.71	56.77	70.32	69.03	62.46	61.21	67.95	75.60	65.26	58.67	52.62	52.02	48.63	64.56
23571	1.78	1.44	1.39	1.32	1.36	2.26	1.69	2.61	2.03	2.17	1.43	1.50	1.83	1.78	1.68	1.75	2.24	2.69	2.14	1.76	1.64	1.61	1.84	2.30
	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	61.34 1.78 0.00	51.53 1.44 0.00	51.25 1.39 0.00	50.12 1.32 0.00	51.87 1.36 0.00	83.50 2.26 0.00	77.78 1.69 0.00	93.39 2.61 0.00	68.24 2.03 0.00	75.96 2.17 0.00	58.71 1.43 0.00	56.77 1.50 0.00	70.32 1.83 0.00	69.03 1.78 0.00	62.46 1.68 0.00	61.21 1.75 0.00	67.95 2.24 0.00	75.60 2.69 0.00	65.26 2.14 0.00	58.67 1.76 0.00	52.62 1.64 0.00	52.02 1.61 0.00	48.63 1.84 0.00	64.56 2.30 0.00
ALBANY___3 23573	61.34 1.78 0.00	51.53 1.44 0.00	51.25 1.39 0.00	50.12 1.32 0.00	51.87 1.36 0.00	83.50 2.26 0.00	77.78 1.69 0.00	93.39 2.61 0.00	68.24 2.03 0.00	75.96 2.17 0.00	58.71 1.43 0.00	56.77 1.50 0.00	70.32 1.83 0.00	69.03 1.78 0.00	62.46 1.68 0.00	61.21 1.75 0.00	67.95 2.24 0.00	75.60 2.69 0.00	65.26 2.14 0.00	58.67 1.76 0.00	52.62 1.64 0.00	52.02 1.61 0.00	48.63 1.84 0.00	64.56 2.30 0.00
ALBANY___4 23574	61.34 1.78 0.00	51.53 1.44 0.00	51.25 1.39 0.00	50.12 1.32 0.00	51.87 1.36 0.00	83.50 2.26 0.00	77.78 1.69 0.00	93.39 2.61 0.00	68.24 2.03 0.00	75.96 2.17 0.00	58.71 1.43 0.00	56.77 1.50 0.00	70.32 1.83 0.00	69.03 1.78 0.00	62.46 1.68 0.00	61.21 1.75 0.00	67.95 2.24 0.00	75.60 2.69 0.00	65.26 2.14 0.00	58.67 1.76 0.00	52.62 1.64 0.00	52.02 1.61 0.00	48.63 1.84 0.00	64.56 2.30 0.00
ALBANY___LFGE 323615	61.78 2.22 0.00	51.89 1.80 0.00	51.59 1.72 0.00	50.46 1.66 0.00	52.23 1.72 0.00	84.11 2.86 0.00	78.52 2.43 0.00	94.30 3.52 0.00	68.92 2.70 0.00	76.74 2.96 0.00	59.30 2.03 0.00	57.36 2.09 0.00	71.01 2.52 0.00	69.71 2.47 0.00	63.08 2.30 0.00	61.83 2.37 0.00	68.66 2.94 0.00	76.40 3.49 0.00	65.94 2.82 0.00	59.26 2.35 0.00	53.13 2.15 0.00	52.48 2.07 0.00	48.97 2.19 0.00	65.00 2.75 0.00
ALCOA_PA_115KV_PL-6C 55860	60.30 0.74 0.00	50.78 0.69 0.00	50.64 0.78 0.00	49.58 0.78 0.00	51.21 0.70 0.00	82.35 1.11 0.00	77.01 0.92 0.00	91.14 0.36 0.00	66.53 0.32 0.00	74.22 0.43 0.00	58.06 0.79 0.00	55.93 0.67 0.00	69.43 0.93 0.00	68.08 0.83 0.00	61.42 0.65 0.00	59.92 0.45 0.00	65.67 -0.04 0.00	72.46 -0.45 0.00	62.98 -0.14 0.00	57.01 0.10 0.00	50.92 -0.06 0.00	41.62 -0.04 8.74	45.01 -0.08 1.70	57.82 0.07 4.51
ALCOA_RYNLDS___DRP 24188	60.30 0.74 0.00	50.78 0.69 0.00	50.64 0.78 0.00	49.58 0.78 0.00	51.21 0.70 0.00	82.35 1.11 0.00	77.01 0.92 0.00	91.14 0.36 0.00	66.53 0.32 0.00	74.22 0.43 0.00	58.06 0.79 0.00	55.93 0.67 0.00	69.43 0.93 0.00	68.08 0.83 0.00	61.42 0.65 0.00	59.92 0.45 0.00	65.67 -0.04 0.00	72.46 -0.45 0.00	62.98 -0.14 0.00	57.01 0.10 0.00	50.92 -0.06 0.00	41.62 -0.04 8.74	45.01 -0.08 1.70	57.82 0.07 4.51
ALCOA___DSASP 323711	60.30 0.75 0.00	50.79 0.69 0.00	50.64 0.78 0.00	49.58 0.78 0.00	51.20 0.70 0.00	82.35 1.10 0.00	77.01 0.92 0.00	91.15 0.37 0.00	66.53 0.32 0.00	74.22 0.43 0.00	58.06 0.78 0.00	55.93 0.66 0.00	69.42 0.93 0.00	68.08 0.83 0.00	61.42 0.65 0.00	59.91 0.45 0.00	65.67 -0.05 0.00	72.46 -0.45 0.00	62.98 -0.14 0.00	57.01 0.10 0.00	50.92 -0.06 0.00	41.62 -0.04 8.74	45.01 -0.08 1.70	57.82 0.07 4.51
ALLEGHENY___COGEN 23514	59.16 -0.40 0.00	49.65 -0.44 0.00	49.36 -0.50 0.00	48.43 -0.36 0.00	50.32 -0.19 0.00	81.30 0.05 0.00	76.59 0.50 0.00	90.27 0.32 0.82	66.58 0.37 0.00	72.70 -0.49 0.60	56.36 -0.91 0.00	53.32 -1.94 0.00	65.78 -2.71 0.00	97.95 -2.57 -33.28	99.36 -3.22 -41.80	101.94 -3.59 -46.07	122.50 -3.57 -60.36	126.16 -2.82 -56.07	121.26 -2.68 -60.82	111.23 -2.77 -57.09	98.91 -2.55 -50.48	103.13 -1.58 -54.30	54.37 -1.20 -8.78	60.45 -1.81 0.00
ALTAMONT_115KV_TB 2 55880	61.20 1.64 0.00	51.42 1.32 0.00	51.17 1.30 0.00	50.02 1.23 0.00	51.79 1.28 0.00	83.35 2.10 0.00	77.98 1.89 0.00	93.56 2.78 0.00	68.34 2.13 0.00	76.09 2.30 0.00	58.80 1.52 0.00	56.83 1.56 0.00	70.38 1.89 0.00	69.10 1.85 0.00	62.49 1.72 0.00	61.23 1.77 0.00	67.97 2.25 0.00	75.63 2.72 0.00	65.32 2.20 0.00	58.75 1.84 0.00	52.71 1.72 0.00	52.04 1.63 0.00	48.42 1.63 0.00	64.33 2.08 0.00
ALTONA_WT_PWR 323606	60.77 1.21 0.00	51.11 1.02 0.00	51.13 1.27 0.00	49.93 1.14 0.00	51.50 0.99 0.00	82.72 1.47 0.00	77.56 1.47 0.00	91.68 0.91 0.00	66.79 0.57 0.00	74.83 1.04 0.00	58.63 1.35 0.00	56.67 1.41 0.00	70.58 2.09 0.00	69.02 1.77 0.00	62.47 1.69 0.00	60.73 1.27 0.00	65.95 0.23 0.00	72.12 -0.80 0.00	62.88 -0.25 0.00	56.78 -0.12 0.00	50.44 -0.55 0.00	41.14 -1.18 8.10	43.65 -1.56 1.58	-9.78 -2.43 69.60
AMERICAN_REF_FUEL 24010	54.59 -4.97 0.00	46.07 -4.02 0.00	45.69 -4.18 0.00	44.88 -3.92 0.00	46.31 -4.19 0.00	74.09 -7.15 0.00	68.78 -7.31 0.00	77.23 -10.53 3.02	59.10 -7.12 0.00	62.94 -8.63 2.23	50.94 -6.34 0.00	48.43 -6.83 0.00	59.88 -8.62 0.00	48.50 -8.23 10.52	42.56 -7.25 10.97	40.97 -6.76 11.73	32.27 -8.19 25.26	51.12 -7.53 14.26	38.79 -6.76 17.57	34.86 -6.24 15.81	32.19 -5.72 13.08	31.25 -5.36 13.80	39.43 -5.12 2.23	55.66 -6.60 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	56.06 -3.50 0.00	47.28 -2.82 0.00	46.93 -2.94 0.00	46.02 -2.78 0.00	47.57 -2.94 0.00	76.62 -4.62 0.00	71.65 -4.44 0.00	81.32 -6.69 2.77	61.40 -4.81 0.00	65.43 -6.34 2.02	52.55 -4.72 0.00	50.05 -5.21 0.00	61.62 -6.87 0.00	49.82 -6.97 10.47	43.38 -6.28 11.11	41.20 -6.35 11.91	33.65 -7.44 24.63	51.79 -6.65 14.48	39.19 -6.31 17.63	35.13 -5.86 15.92	32.23 -5.51 13.25	31.02 -5.38 14.01	39.54 -4.98 2.27	56.04 -6.22 0.00
ARTHUR KILL_GT_1 23520	62.27 2.71 0.00	52.47 2.38 0.00	52.06 2.19 0.00	50.91 2.12 0.00	52.65 2.14 0.00	84.64 3.39 0.00	78.15 3.35 1.29	93.34 5.22 2.66	67.16 3.64 2.70	75.23 4.02 2.58	59.13 2.60 0.74	57.78 2.82 0.31	71.22 3.41 0.68	69.95 3.46 0.76	63.17 3.01 0.62	61.85 3.10 0.71	69.69 4.18 0.22	78.03 5.11 0.00	67.24 4.16 0.04	60.38 3.50 0.03	54.32 3.34 0.01	53.65 3.24 0.00	49.98 3.19 0.00	66.57 4.31 0.00
ARTHUR_KILL_2 23512	62.09 2.53 0.00	52.32 2.23 0.00	51.92 2.06 0.00	50.77 1.98 0.00	52.50 2.00 0.00	84.39 3.15 0.00	77.92 3.12 1.29	93.03 4.91 2.66	66.93 3.41 2.70	74.99 3.78 2.58	58.95 2.41 0.74	57.60 2.64 0.31	71.01 3.20 0.68	69.74 3.25 0.76	62.98 2.82 0.62	61.67 2.92 0.71	69.46 3.96 0.22	77.79 4.87 0.00	67.02 3.94 0.04	60.16 3.27 0.03	54.13 3.15 0.01	53.49 3.08 0.00	49.83 3.04 0.00	66.39 4.13 0.00
ARTHUR_KILL_3 23513	61.86 2.30 0.00	51.99 1.90 0.00	51.55 1.69 0.00	50.34 1.55 0.00	52.17 1.66 0.00	83.95 2.70 0.00	77.59 2.79 1.29	92.87 4.75 2.66	66.93 3.40 2.70	75.02 3.81 2.58	59.08 2.54 0.74	57.70 2.74 0.31	71.10 3.30 0.68	69.80 3.31 0.76	63.05 2.89 0.62	61.74 2.99 0.71	69.48 3.98 0.22	77.75 4.84 0.00	66.94 3.87 0.04	60.02 3.14 0.03	54.02 3.04 0.01	53.28 2.88 0.00	49.54 2.76 0.00	65.79 3.54 0.00

ARTHUR_KILL_COGEN 323718	62.27 2.71 0.00	52.47 2.38 0.00	52.06 2.19 0.00	50.91 2.12 0.00	52.65 2.14 0.00	84.64 3.39 0.00	78.15 3.35 1.29	93.34 5.22 2.66	67.16 3.64 2.70	75.23 4.02 2.58	59.13 2.60 0.74	57.78 2.82 0.31	71.22 3.41 0.68	69.95 3.46 0.76	63.17 3.01 0.62	61.85 3.10 0.71	69.69 4.18 0.22	78.03 5.11 0.00	67.24 4.16 0.04	60.38 3.50 0.03	54.32 3.34 0.01	53.65 3.24 0.00	49.98 3.19 0.00	66.57 4.31 0.00
ASHOKAN____ 23654	63.87 4.32 0.00	53.56 3.47 0.00	53.15 3.28 0.00	51.93 3.13 0.00	53.83 3.32 0.00	86.91 5.66 0.00	82.26 6.17 0.00	99.76 8.98 0.00	72.91 6.69 0.00	81.14 7.35 0.00	62.63 5.35 0.00	60.49 5.22 0.00	74.78 6.30 0.00	73.45 6.20 0.00	66.44 5.66 0.00	65.25 5.79 0.00	72.74 7.02 0.00	80.76 7.84 0.00	69.49 6.36 0.00	62.27 5.36 0.00	55.73 4.75 0.00	54.81 4.40 0.00	50.76 3.97 0.00	67.12 4.87 0.00
ASTORIA_EAST_ENERGY_CC1 323581	62.19 2.63 0.00	52.23 2.14 0.00	51.78 1.92 0.00	50.57 1.78 0.00	52.37 1.87 0.00	84.46 3.21 0.00	79.46 3.37 0.00	96.04 5.33 0.07	70.09 3.87 0.00	78.01 4.27 0.05	60.19 2.92 0.00	58.34 3.07 0.00	72.24 3.74 0.00	70.93 3.73 0.05	64.06 3.29 0.01	62.78 3.32 0.00	69.73 4.23 0.22	78.04 5.12 0.00	67.17 4.09 0.04	60.34 3.45 0.03	54.29 3.31 0.01	53.53 3.13 0.00	49.77 2.98 0.00	66.08 3.82 0.00
ASTORIA_EAST_ENERGY_CC2 323582	62.20 2.64 0.00	52.23 2.14 0.00	51.78 1.92 0.00	50.57 1.78 0.00	52.38 1.87 0.00	84.46 3.21 0.00	79.47 3.38 0.00	96.04 5.33 0.07	70.09 3.87 0.00	78.01 4.27 0.05	60.20 2.93 0.00	58.34 3.07 0.00	72.24 3.75 0.00	70.94 3.73 0.05	64.07 3.30 0.01	62.79 3.33 0.00	69.73 4.23 0.22	78.04 5.13 0.00	67.17 4.09 0.04	60.34 3.45 0.03	54.29 3.31 0.01	53.53 3.13 0.00	49.77 2.98 0.00	66.08 3.83 0.00
ASTORIA_GT2_1 24094	62.21 2.65 0.00	52.26 2.17 0.00	51.81 1.94 0.00	50.59 1.80 0.00	52.41 1.90 0.00	84.51 3.27 0.00	79.50 3.41 0.00	96.12 5.41 0.07	70.13 3.92 0.00	78.06 4.32 0.05	60.24 2.96 0.00	58.37 3.11 0.00	72.28 3.79 0.00	71.00 3.79 0.05	64.13 3.36 0.01	62.82 3.36 0.00	69.73 4.23 0.22	78.09 5.18 0.00	67.20 4.12 0.04	60.38 3.50 0.03	54.33 3.35 0.01	53.57 3.17 0.00	49.79 3.01 0.00	66.10 3.85 0.00
ASTORIA_GT2_2 24095	62.21 2.65 0.00	52.26 2.17 0.00	51.81 1.94 0.00	50.59 1.80 0.00	52.41 1.90 0.00	84.51 3.27 0.00	79.50 3.41 0.00	96.12 5.41 0.07	70.13 3.92 0.00	78.06 4.32 0.05	60.24 2.96 0.00	58.37 3.11 0.00	72.28 3.79 0.00	71.00 3.79 0.05	64.13 3.36 0.01	62.82 3.36 0.00	69.73 4.23 0.22	78.09 5.18 0.00	67.20 4.12 0.04	60.38 3.50 0.03	54.33 3.35 0.01	53.57 3.17 0.00	49.79 3.01 0.00	66.10 3.85 0.00
ASTORIA_GT2_3 24096	62.21 2.65 0.00	52.26 2.17 0.00	51.81 1.94 0.00	50.59 1.80 0.00	52.41 1.90 0.00	84.51 3.27 0.00	79.50 3.41 0.00	96.12 5.41 0.07	70.13 3.92 0.00	78.06 4.32 0.05	60.24 2.96 0.00	58.37 3.11 0.00	72.28 3.79 0.00	71.00 3.79 0.05	64.13 3.36 0.01	62.82 3.36 0.00	69.73 4.23 0.22	78.09 5.18 0.00	67.20 4.12 0.04	60.38 3.50 0.03	54.33 3.35 0.01	53.57 3.17 0.00	49.79 3.01 0.00	66.10 3.85 0.00
ASTORIA_GT2_4 24097	62.21 2.65 0.00	52.26 2.17 0.00	51.81 1.94 0.00	50.59 1.80 0.00	52.41 1.90 0.00	84.51 3.27 0.00	79.50 3.41 0.00	96.12 5.41 0.07	70.13 3.92 0.00	78.06 4.32 0.05	60.24 2.96 0.00	58.37 3.11 0.00	72.28 3.79 0.00	71.00 3.79 0.05	64.13 3.36 0.01	62.82 3.36 0.00	69.73 4.23 0.22	78.09 5.18 0.00	67.20 4.12 0.04	60.38 3.50 0.03	54.33 3.35 0.01	53.57 3.17 0.00	49.79 3.01 0.00	66.10 3.85 0.00
ASTORIA_GT3_1 24098	62.21 2.65 0.00	52.26 2.17 0.00	51.81 1.94 0.00	50.59 1.80 0.00	52.41 1.90 0.00	84.51 3.27 0.00	79.50 3.41 0.00	96.12 5.41 0.07	70.13 3.92 0.00	78.06 4.32 0.05	60.24 2.96 0.00	58.37 3.11 0.00	72.28 3.79 0.00	71.00 3.79 0.05	64.13 3.36 0.01	62.82 3.36 0.00	69.73 4.23 0.22	78.09 5.18 0.00	67.20 4.12 0.04	60.38 3.50 0.03	54.33 3.35 0.01	53.57 3.17 0.00	49.79 3.01 0.00	66.10 3.85 0.00
ASTORIA_GT3_2 24099	62.21 2.65 0.00	52.26 2.17 0.00	51.81 1.94 0.00	50.59 1.80 0.00	52.41 1.90 0.00	84.51 3.27 0.00	79.50 3.41 0.00	96.12 5.41 0.07	70.13 3.92 0.00	78.06 4.32 0.05	60.24 2.96 0.00	58.37 3.11 0.00	72.28 3.79 0.00	71.00 3.79 0.05	64.13 3.36 0.01	62.82 3.36 0.00	69.73 4.23 0.22	78.09 5.18 0.00	67.20 4.12 0.04	60.38 3.50 0.03	54.33 3.35 0.01	53.57 3.17 0.00	49.79 3.01 0.00	66.10 3.85 0.00
ASTORIA_GT3_3 24100	62.21 2.65 0.00	52.26 2.17 0.00	51.81 1.94 0.00	50.59 1.80 0.00	52.41 1.90 0.00	84.51 3.27 0.00	79.50 3.41 0.00	96.12 5.41 0.07	70.13 3.92 0.00	78.06 4.32 0.05	60.24 2.96 0.00	58.37 3.11 0.00	72.28 3.79 0.00	71.00 3.79 0.05	64.13 3.36 0.01	62.82 3.36 0.00	69.73 4.23 0.22	78.09 5.18 0.00	67.20 4.12 0.04	60.38 3.50 0.03	54.33 3.35 0.01	53.57 3.17 0.00	49.79 3.01 0.00	66.10 3.85 0.00
ASTORIA_GT3_4 24101	62.21 2.65 0.00	52.26 2.17 0.00	51.81 1.94 0.00	50.59 1.80 0.00	52.41 1.90 0.00	84.51 3.27 0.00	79.50 3.41 0.00	96.12 5.41 0.07	70.13 3.92 0.00	78.06 4.32 0.05	60.24 2.96 0.00	58.37 3.11 0.00	72.28 3.79 0.00	71.00 3.79 0.05	64.13 3.36 0.01	62.82 3.36 0.00	69.73 4.23 0.22	78.09 5.18 0.00	67.20 4.12 0.04	60.38 3.50 0.03	54.33 3.35 0.01	53.57 3.17 0.00	49.79 3.01 0.00	66.10 3.85 0.00
ASTORIA_GT4_1 24102	62.21 2.65 0.00	52.26 2.17 0.00	51.81 1.94 0.00	50.59 1.80 0.00	52.41 1.90 0.00	84.51 3.27 0.00	79.50 3.41 0.00	96.12 5.41 0.07	70.13 3.92 0.00	78.06 4.32 0.05	60.24 2.96 0.00	58.37 3.11 0.00	72.28 3.79 0.00	71.00 3.79 0.05	64.13 3.36 0.01	62.82 3.36 0.00	69.73 4.23 0.22	78.09 5.18 0.00	67.20 4.12 0.04	60.38 3.50 0.03	54.33 3.35 0.01	53.57 3.17 0.00	49.79 3.01 0.00	66.10 3.85 0.00
ASTORIA_GT4_2 24103	62.21 2.65 0.00	52.26 2.17 0.00	51.81 1.94 0.00	50.59 1.80 0.00	52.41 1.90 0.00	84.51 3.27 0.00	79.50 3.41 0.00	96.12 5.41 0.07	70.13 3.92 0.00	78.06 4.32 0.05	60.24 2.96 0.00	58.37 3.11 0.00	72.28 3.79 0.00	71.00 3.79 0.05	64.13 3.36 0.01	62.82 3.36 0.00	69.73 4.23 0.22	78.09 5.18 0.00	67.20 4.12 0.04	60.38 3.50 0.03	54.33 3.35 0.01	53.57 3.17 0.00	49.79 3.01 0.00	66.10 3.85 0.00
ASTORIA_GT4_3 24104	62.21 2.65 0.00	52.26 2.17 0.00	51.81 1.94 0.00	50.59 1.80 0.00	52.41 1.90 0.00	84.51 3.27 0.00	79.50 3.41 0.00	96.12 5.41 0.07	70.13 3.92 0.00	78.06 4.32 0.05	60.24 2.96 0.00	58.37 3.11 0.00	72.28 3.79 0.00	71.00 3.79 0.05	64.13 3.36 0.01	62.82 3.36 0.00	69.73 4.23 0.22	78.09 5.18 0.00	67.20 4.12 0.04	60.38 3.50 0.03	54.33 3.35 0.01	53.57 3.17 0.00	49.79 3.01 0.00	66.10 3.85 0.00

ASTORIA_GT4_4 24105	62.21 2.65 0.00	52.26 2.17 0.00	51.81 1.94 0.00	50.59 1.80 0.00	52.41 1.90 0.00	84.51 3.27 0.00	79.50 3.41 0.00	96.12 5.41 0.07	70.13 3.92 0.00	78.06 4.32 0.05	60.24 2.96 0.00	58.37 3.11 0.00	72.28 3.79 0.00	71.00 3.79 0.05	64.13 3.36 0.01	62.82 3.36 0.00	69.73 4.23 0.22	78.09 5.18 0.00	67.20 4.12 0.04	60.38 3.50 0.03	54.33 3.35 0.01	53.57 3.17 0.00	49.79 3.01 0.00	66.10 3.85 0.00
ASTORIA_GT_1 23523	62.33 2.77 0.00	52.34 2.25 0.00	51.90 2.03 0.00	50.67 1.88 0.00	52.48 1.98 0.00	84.63 3.38 0.00	79.65 3.56 0.00	96.29 5.59 0.07	70.27 4.05 0.00	78.23 4.49 0.05	60.35 3.08 0.00	58.48 3.22 0.00	72.43 3.94 0.00	71.12 3.91 0.05	64.23 3.46 0.01	62.94 3.48 0.00	69.93 4.42 0.22	78.25 5.33 0.00	67.33 4.25 0.04	60.49 3.61 0.03	54.42 3.44 0.01	53.67 3.26 0.00	49.88 3.09 0.00	66.22 3.97 0.00
ASTORIA_GT_10 24110	62.30 2.74 0.00	52.34 2.25 0.00	51.89 2.02 0.00	50.67 1.87 0.00	52.47 1.97 0.00	84.47 3.23 0.00	79.48 3.39 0.00	96.13 5.42 0.07	70.15 3.93 0.00	78.11 4.37 0.05	60.27 2.99 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.05 3.84 0.05	64.17 3.40 0.01	62.91 3.45 0.00	69.88 4.38 0.22	78.26 5.34 0.00	67.34 4.26 0.04	60.44 3.55 0.03	54.36 3.38 0.01	53.60 3.20 0.00	49.82 3.03 0.00	66.17 3.92 0.00
ASTORIA_GT_11 24225	62.30 2.74 0.00	52.34 2.25 0.00	51.89 2.02 0.00	50.67 1.87 0.00	52.47 1.97 0.00	84.47 3.23 0.00	79.48 3.39 0.00	96.13 5.42 0.07	70.15 3.93 0.00	78.11 4.37 0.05	60.27 2.99 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.05 3.84 0.05	64.17 3.40 0.01	62.91 3.45 0.00	69.88 4.38 0.22	78.26 5.34 0.00	67.34 4.26 0.04	60.44 3.55 0.03	54.36 3.38 0.01	53.60 3.20 0.00	49.82 3.03 0.00	66.17 3.92 0.00
ASTORIA_GT_12 24226	62.30 2.74 0.00	52.34 2.25 0.00	51.89 2.02 0.00	50.67 1.87 0.00	52.47 1.97 0.00	84.47 3.23 0.00	79.48 3.39 0.00	96.13 5.42 0.07	70.15 3.93 0.00	78.11 4.37 0.05	60.27 2.99 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.05 3.84 0.05	64.17 3.40 0.01	62.91 3.45 0.00	69.88 4.38 0.22	78.26 5.34 0.00	67.34 4.26 0.04	60.44 3.55 0.03	54.36 3.38 0.01	53.60 3.20 0.00	49.82 3.03 0.00	66.17 3.92 0.00
ASTORIA_GT_13 24227	62.30 2.74 0.00	52.34 2.25 0.00	51.89 2.02 0.00	50.67 1.87 0.00	52.47 1.97 0.00	84.47 3.23 0.00	79.48 3.39 0.00	96.13 5.42 0.07	70.15 3.93 0.00	78.11 4.37 0.05	60.27 2.99 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.05 3.84 0.05	64.17 3.40 0.01	62.91 3.45 0.00	69.88 4.38 0.22	78.26 5.34 0.00	67.34 4.26 0.04	60.44 3.55 0.03	54.36 3.38 0.01	53.60 3.20 0.00	49.82 3.03 0.00	66.17 3.92 0.00
ASTORIA_GT_5 24106	62.33 2.77 0.00	52.34 2.25 0.00	51.90 2.03 0.00	50.67 1.88 0.00	52.48 1.97 0.00	84.63 3.39 0.00	79.65 3.56 0.00	96.30 5.59 0.07	70.27 4.05 0.00	78.22 4.48 0.05	60.35 3.08 0.00	58.48 3.22 0.00	72.43 3.94 0.00	71.14 3.93 0.05	64.26 3.49 0.01	62.94 3.48 0.00	69.87 4.37 0.22	78.25 5.33 0.00	67.33 4.25 0.04	60.50 3.62 0.03	54.43 3.45 0.01	53.68 3.27 0.00	49.87 3.09 0.00	66.22 3.96 0.00
ASTORIA_GT_7 24107	62.33 2.77 0.00	52.34 2.25 0.00	51.90 2.03 0.00	50.67 1.88 0.00	52.48 1.97 0.00	84.63 3.39 0.00	79.65 3.56 0.00	96.30 5.59 0.07	70.27 4.05 0.00	78.22 4.48 0.05	60.35 3.08 0.00	58.48 3.22 0.00	72.43 3.94 0.00	71.14 3.93 0.05	64.26 3.49 0.01	62.94 3.48 0.00	69.87 4.37 0.22	78.25 5.33 0.00	67.33 4.25 0.04	60.50 3.62 0.03	54.43 3.45 0.01	53.68 3.27 0.00	49.87 3.09 0.00	66.22 3.96 0.00
ASTORIA_GT_8 24108	62.33 2.77 0.00	52.34 2.25 0.00	51.90 2.03 0.00	50.67 1.88 0.00	52.48 1.97 0.00	84.63 3.39 0.00	79.65 3.56 0.00	96.30 5.59 0.07	70.27 4.05 0.00	78.22 4.48 0.05	60.35 3.08 0.00	58.48 3.22 0.00	72.43 3.94 0.00	71.14 3.93 0.05	64.26 3.49 0.01	62.94 3.48 0.00	69.87 4.37 0.22	78.25 5.33 0.00	67.33 4.25 0.04	60.50 3.62 0.03	54.43 3.45 0.01	53.68 3.27 0.00	49.87 3.09 0.00	66.22 3.96 0.00
ASTORIA___2 24149	62.21 2.65 0.00	52.26 2.17 0.00	51.81 1.94 0.00	50.60 1.80 0.00	52.41 1.90 0.00	84.51 3.26 0.00	79.50 3.41 0.00	96.11 5.40 0.07	70.13 3.92 0.00	78.06 4.33 0.05	60.24 2.97 0.00	58.37 3.11 0.00	72.28 3.79 0.00	70.97 3.76 0.05	64.11 3.34 0.01	62.81 3.35 0.00	69.80 4.29 0.22	78.10 5.18 0.00	67.20 4.12 0.04	60.37 3.48 0.03	54.32 3.34 0.01	53.57 3.17 0.00	49.79 3.00 0.00	66.12 3.87 0.00
ASTORIA___3 23516	62.29 2.73 0.00	52.33 2.24 0.00	51.88 2.01 0.00	50.66 1.86 0.00	52.48 1.97 0.00	84.47 3.23 0.00	79.47 3.38 0.00	96.12 5.41 0.07	70.14 3.93 0.00	78.13 4.40 0.05	60.27 2.99 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.02 3.82 0.05	64.14 3.37 0.01	62.90 3.44 0.00	69.94 4.43 0.22	78.26 5.35 0.00	67.36 4.28 0.04	60.44 3.56 0.03	54.35 3.37 0.01	53.59 3.18 0.00	49.82 3.03 0.00	66.16 3.91 0.00
ASTORIA___4 23517	62.29 2.73 0.00	52.33 2.24 0.00	51.88 2.01 0.00	50.66 1.86 0.00	52.47 1.97 0.00	84.47 3.23 0.00	79.48 3.39 0.00	96.13 5.42 0.07	70.15 3.93 0.00	78.11 4.37 0.05	60.27 2.99 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.05 3.84 0.05	64.17 3.40 0.01	62.91 3.45 0.00	69.88 4.37 0.22	78.26 5.34 0.00	67.34 4.26 0.04	60.44 3.55 0.03	54.36 3.38 0.01	53.60 3.20 0.00	49.82 3.03 0.00	66.15 3.90 0.00
ASTORIA___5 23518	62.29 2.73 0.00	52.33 2.24 0.00	51.88 2.01 0.00	50.66 1.86 0.00	52.48 1.97 0.00	84.47 3.23 0.00	79.46 3.38 0.00	96.12 5.41 0.07	70.14 3.93 0.00	78.13 4.40 0.05	60.27 2.99 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.02 3.82 0.05	64.14 3.37 0.01	62.90 3.44 0.00	69.94 4.43 0.22	78.26 5.35 0.00	67.36 4.28 0.04	60.44 3.56 0.03	54.35 3.37 0.01	53.59 3.18 0.00	49.82 3.03 0.00	66.16 3.91 0.00
AST_ENERGY_2_CC3 323677	62.04 2.49 0.00	52.11 2.02 0.00	51.67 1.81 0.00	50.45 1.65 0.00	52.28 1.78 0.00	84.16 2.91 0.00	79.07 2.98 0.00	95.66 4.95 0.07	69.81 3.60 0.00	77.75 4.01 0.05	60.00 2.73 0.00	58.16 2.90 0.00	72.00 3.51 0.00	70.71 3.51 0.05	63.86 3.09 0.01	62.64 3.18 0.00	69.65 4.14 0.22	77.95 5.04 0.00	67.11 4.02 0.04	60.16 3.28 0.03	54.11 3.12 0.01	53.37 2.97 0.00	49.65 2.87 0.00	65.93 3.68 0.00
AST_ENERGY_2_CC4 323678	62.04 2.49 0.00	52.11 2.02 0.00	51.67 1.81 0.00	50.45 1.65 0.00	52.28 1.78 0.00	84.16 2.91 0.00	79.07 2.98 0.00	95.66 4.95 0.07	69.81 3.60 0.00	77.75 4.01 0.05	60.00 2.73 0.00	58.16 2.90 0.00	72.00 3.51 0.00	70.71 3.51 0.05	63.86 3.09 0.01	62.64 3.18 0.00	69.65 4.14 0.22	77.95 5.04 0.00	67.11 4.02 0.04	60.16 3.28 0.03	54.11 3.12 0.01	53.37 2.97 0.00	49.65 2.87 0.00	65.93 3.68 0.00

ATHENS_STG_1	61.32	51.51	51.24	50.08	51.86	83.45	78.19	93.96	68.63	76.43	58.99	57.09	70.71	69.43	62.77	61.51	68.32	76.06	65.66	59.01	52.99	52.29	48.60	64.62
23668	1.76	1.42	1.38	1.29	1.35	2.20	2.10	3.19	2.41	2.64	1.72	1.82	2.22	2.18	1.99	2.05	2.60	3.15	2.54	2.10	2.00	1.88	1.82	2.37
	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
ATHENS_STG_2	61.32	51.51	51.24	50.08	51.86	83.45	78.19	93.96	68.63	76.43	58.99	57.09	70.71	69.43	62.77	61.51	68.32	76.06	65.66	59.01	52.99	52.29	48.60	64.62
23670	1.76	1.42	1.38	1.29	1.35	2.20	2.10	3.19	2.41	2.64	1.72	1.82	2.22	2.18	1.99	2.05	2.60	3.15	2.54	2.10	2.00	1.88	1.82	2.37
	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
ATHENS_STG_3	61.32	51.51	51.24	50.08	51.86	83.45	78.19	93.96	68.63	76.43	58.99	57.09	70.71	69.43	62.77	61.51	68.32	76.06	65.66	59.01	52.99	52.29	48.60	64.62
23677	1.76	1.42	1.38	1.29	1.35	2.20	2.10	3.19	2.41	2.64	1.72	1.82	2.22	2.18	1.99	2.05	2.60	3.15	2.54	2.10	2.00	1.88	1.82	2.37
	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
AUBURN___LFGE	59.14	49.68	49.44	48.39	49.98	80.76	75.98	90.81	67.28	73.36	56.39	54.34	67.28	66.12	59.89	58.72	65.11	72.76	62.61	56.47	50.38	49.88	46.24	61.19
323710	-0.42	-0.41	-0.43	-0.41	-0.53	-0.49	-0.11	0.04	1.06	-0.43	-0.89	-0.93	-1.21	-1.13	-0.89	-0.74	-0.61	-0.15	-0.51	-0.44	-0.61	-0.53	-0.55	-1.07
	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
BABYLON_RES_REC	63.55	53.24	52.61	51.37	53.28	86.00	80.77	98.20	71.47	79.63	62.61	59.69	73.84	72.53	65.49	64.04	71.86	79.68	68.62	61.57	55.36	54.77	50.74	67.23
323704	3.99	3.15	2.74	2.57	2.78	4.75	4.68	7.50	5.25	5.90	4.42	4.42	5.35	5.32	4.71	4.58	5.79	6.77	5.54	4.69	4.38	4.36	3.95	4.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.05	-0.92	0.00	0.00	0.05	0.01	0.00	-0.36	0.00	0.04	0.03	0.01	0.00	0.00	0.00
BABYLON__69_KV_BK2	64.23	53.80	53.15	51.89	53.83	86.91	81.60	99.27	72.27	80.52	63.34	60.36	74.71	73.37	66.25	64.78	72.61	80.62	69.42	62.32	56.03	55.43	51.30	67.90
356345	4.67	3.71	3.28	3.10	3.32	5.67	5.51	8.56	6.05	6.78	5.12	5.09	6.21	6.17	5.47	5.32	6.55	7.71	6.34	5.43	5.04	5.02	4.51	5.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.05	-0.94	0.00	0.00	0.05	0.01	0.00	-0.34	0.00	0.04	0.03	0.01	0.00	0.00	0.00
BALL_HILL_WT_PWR	56.08	47.24	46.89	46.03	47.59	76.43	71.29	80.78	61.39	65.58	52.73	50.19	61.99	47.59	40.61	38.25	28.86	48.08	34.93	31.13	28.81	27.38	39.51	56.78
323825	-3.48	-2.85	-2.98	-2.76	-2.92	-4.81	-4.80	-7.06	-4.82	-6.07	-4.54	-5.07	-6.50	-6.35	-5.66	-5.59	-6.65	-5.83	-5.50	-5.16	-4.83	-4.63	-4.30	-5.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.94	0.00	2.14	0.00	0.00	0.00	13.30	14.51	15.63	30.21	19.01	22.69	20.62	17.35	18.39	2.98	0.00
BARON_WINDS___WT_PWR	56.34	47.32	47.17	46.20	48.02	77.69	72.61	85.31	63.44	69.14	53.95	51.75	64.12	5.55	-13.37	-21.61	-47.77	-24.95	-44.12	-43.34	-36.99	-43.67	28.42	57.26
323822	-3.22	-2.77	-2.70	-2.60	-2.49	-3.56	-3.48	-4.00	-2.78	-3.58	-3.32	-3.52	-4.37	-4.69	-4.47	-4.60	-4.72	-4.82	-4.48	-4.39	-4.00	-3.98	-3.79	-5.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.47	0.00	1.07	0.00	0.00	0.00	57.01	69.68	76.47	108.77	93.05	102.76	95.86	83.98	90.10	14.57	0.00
BARRETT_IC_1	62.65	52.84	52.25	51.04	52.95	85.36	80.20	97.20	70.75	78.72	60.84	58.75	72.76	71.46	64.52	63.19	70.80	78.56	67.70	60.80	54.82	54.22	50.35	66.79
23704	3.09	2.74	2.39	2.25	2.44	4.12	4.11	6.49	4.53	4.98	3.50	3.49	4.28	4.25	3.75	3.73	4.77	5.65	4.62	3.92	3.84	3.81	3.56	4.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.05	-0.07	0.00	0.00	0.05	0.01	0.00	-0.31	0.00	0.04	0.03	0.01	0.00	-0.01	-0.01
BARRETT_IC_10	62.65	52.84	52.25	51.04	52.95	85.36	80.20	97.20	70.75	78.72	60.84	58.75	72.76	71.46	64.52	63.19	70.80	78.56	67.70	60.80	54.82	54.22	50.35	66.79
23701	3.09	2.74	2.39	2.25	2.44	4.12	4.11	6.49	4.53	4.98	3.50	3.49	4.28	4.25	3.75	3.73	4.77	5.65	4.62	3.92	3.84	3.81	3.56	4.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.05	-0.07	0.00	0.00	0.05	0.01	0.00	-0.31	0.00	0.04	0.03	0.01	0.00	-0.01	-0.01
BARRETT_IC_11	62.65	52.84	52.25	51.04	52.95	85.36	80.20	97.20	70.75	78.72	60.84	58.75	72.76	71.46	64.52	63.19	70.80	78.56	67.70	60.80	54.82	54.22	50.35	66.79
23702	3.09	2.74	2.39	2.25	2.44	4.12	4.11	6.49	4.53	4.98	3.50	3.49	4.28	4.25	3.75	3.73	4.77	5.65	4.62	3.92	3.84	3.81	3.56	4.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.05	-0.07	0.00	0.00	0.05	0.01	0.00	-0.31	0.00	0.04	0.03	0.01	0.00	-0.01	-0.01
BARRETT_IC_12	62.65	52.84	52.25	51.04	52.95	85.36	80.20	97.20	70.75	78.72	60.84	58.75	72.76	71.46	64.52	63.19	70.80	78.56	67.70	60.80	54.82	54.22	50.35	66.79
23703	3.09	2.74	2.39	2.25	2.44	4.12	4.11	6.49	4.53	4.98	3.50	3.49	4.28	4.25	3.75	3.73	4.77	5.65	4.62	3.92	3.84	3.81	3.56	4.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.05	-0.07	0.00	0.00	0.05	0.01	0.00	-0.31	0.00	0.04	0.03	0.01	0.00	-0.01	-0.01
BARRETT_IC_2	62.65	52.84	52.25	51.04	52.95	85.36	80.20	97.20	70.75	78.72	60.84	58.75	72.76	71.46	64.52	63.19	70.80	78.56	67.70	60.80	54.82	54.22	50.35	66.79
23705	3.09	2.74	2.39	2.25	2.44	4.12	4.11	6.49	4.53	4.98	3.50	3.49	4.28	4.25	3.75	3.73	4.77	5.65	4.62	3.92	3.84	3.81	3.56	4.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.05	-0.07	0.00	0.00	0.05	0.01	0.00	-0.31	0.00	0.04	0.03	0.01	0.00	-0.01	-0.01
BARRETT_IC_3	62.65	52.84	52.25	51.04	52.95	85.36	80.20	97.20	70.75	78.72	60.84	58.75	72.76	71.46	64.52	63.19	70.80	78.56	67.70	60.80	54.82	54.22	50.35	66.79
23706	3.09	2.74	2.39	2.25	2.44	4.12	4.11	6.49	4.53	4.98	3.50	3.49	4.28	4.25	3.75	3.73	4.77	5.65	4.62	3.92	3.84	3.81	3.56	4.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.05	-0.07	0.00	0.00	0.05	0.01	0.00	-0.31	0.00	0.04	0.03	0.01	0.00	-0.01	-0.01
BARRETT_IC_4	62.65	52.84	52.25	51.04	52.95	85.36	80.20	97.20	70.75	78.72	60.84	58.75	72.76	71.46	64.52	63.19	70.80	78.56	67.70	60.80	54.82	54.22	50.35	66.79
23707	3.09	2.74	2.39	2.25	2.44	4.12	4.11	6.49	4.53	4.98	3.50	3.49	4.28	4.25	3.75	3.73	4.77	5.65	4.62	3.92	3.84	3.81	3.56	4.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.05	-0.07	0.00	0.00	0.05	0.01	0.00	-0.31	0.00	0.04	0.03	0.01	0.00	-0.01	-0.01

BARRETT_IC_5 23708	62.65 3.09 0.00	52.84 2.74 0.00	52.25 2.39 0.00	51.04 2.25 0.00	52.95 2.44 0.00	85.36 4.12 0.00	80.20 4.11 0.00	97.20 6.49 0.07	70.75 4.53 0.00	78.72 4.98 0.05	60.84 3.50 -0.07	58.75 3.49 0.00	72.76 4.28 0.00	71.46 4.25 0.05	64.52 3.75 0.01	63.19 3.73 0.00	70.80 4.77 -0.31	78.56 5.65 0.00	67.70 4.62 0.04	60.80 3.92 0.03	54.82 3.84 0.01	54.22 3.81 0.00	50.35 3.56 -0.01	66.79 4.53 -0.01
BARRETT_IC_6 23709	62.65 3.09 0.00	52.84 2.74 0.00	52.25 2.39 0.00	51.04 2.25 0.00	52.95 2.44 0.00	85.36 4.12 0.00	80.20 4.11 0.00	97.20 6.49 0.07	70.75 4.53 0.00	78.72 4.98 0.05	60.84 3.50 -0.07	58.75 3.49 0.00	72.76 4.28 0.00	71.46 4.25 0.05	64.52 3.75 0.01	63.19 3.73 0.00	70.80 4.77 -0.31	78.56 5.65 0.00	67.70 4.62 0.04	60.80 3.92 0.03	54.82 3.84 0.01	54.22 3.81 0.00	50.35 3.56 -0.01	66.79 4.53 -0.01
BARRETT_IC_7 23710	62.65 3.09 0.00	52.84 2.74 0.00	52.25 2.39 0.00	51.04 2.25 0.00	52.95 2.44 0.00	85.36 4.12 0.00	80.20 4.11 0.00	97.21 6.50 0.07	70.74 4.52 0.00	78.71 4.97 0.05	60.84 3.49 -0.07	58.75 3.48 0.00	72.76 4.27 0.00	71.48 4.27 0.05	64.54 3.76 0.01	63.19 3.73 0.00	70.77 4.74 -0.31	78.56 5.65 0.00	67.69 4.61 0.04	60.80 3.92 0.03	54.83 3.85 0.01	54.22 3.81 0.00	50.36 3.56 -0.01	66.79 4.54 -0.01
BARRETT_IC_8 23711	62.65 3.09 0.00	52.84 2.74 0.00	52.25 2.39 0.00	51.04 2.25 0.00	52.95 2.44 0.00	85.36 4.12 0.00	80.20 4.11 0.00	97.20 6.49 0.07	70.75 4.53 0.00	78.72 4.98 0.05	60.84 3.50 -0.07	58.75 3.49 0.00	72.76 4.28 0.00	71.46 4.25 0.05	64.52 3.75 0.01	63.19 3.73 0.00	70.80 4.77 -0.31	78.56 5.65 0.00	67.70 4.62 0.04	60.80 3.92 0.03	54.82 3.84 0.01	54.22 3.81 0.00	50.35 3.56 -0.01	66.79 4.53 -0.01
BARRETT_IC_9 23700	62.65 3.09 0.00	52.84 2.74 0.00	52.25 2.39 0.00	51.04 2.25 0.00	52.95 2.44 0.00	85.36 4.12 0.00	80.20 4.11 0.00	97.20 6.49 0.07	70.75 4.53 0.00	78.72 4.98 0.05	60.84 3.50 -0.07	58.75 3.49 0.00	72.76 4.28 0.00	71.46 4.25 0.05	64.52 3.75 0.01	63.19 3.73 0.00	70.80 4.77 -0.31	78.56 5.65 0.00	67.70 4.62 0.04	60.80 3.92 0.03	54.82 3.84 0.01	54.22 3.81 0.00	50.35 3.56 -0.01	66.79 4.53 -0.01
BARRETT___1 23545	62.65 3.09 0.00	52.84 2.74 0.00	52.25 2.39 0.00	51.04 2.25 0.00	52.95 2.44 0.00	85.36 4.12 0.00	80.20 4.11 0.00	97.20 6.49 0.07	70.75 4.53 0.00	78.72 4.98 0.05	60.84 3.50 -0.07	58.75 3.49 0.00	72.76 4.28 0.00	71.46 4.25 0.05	64.52 3.75 0.01	63.19 3.73 0.00	70.80 4.77 -0.31	78.56 5.65 0.00	67.70 4.62 0.04	60.80 3.92 0.03	54.82 3.84 0.01	54.22 3.81 0.00	50.35 3.56 -0.01	66.79 4.53 -0.01
BARRETT___2 23546	62.65 3.09 0.00	52.84 2.74 0.00	52.25 2.39 0.00	51.04 2.25 0.00	52.95 2.44 0.00	85.36 4.12 0.00	80.20 4.11 0.00	97.20 6.49 0.07	70.75 4.53 0.00	78.72 4.98 0.05	60.84 3.50 -0.07	58.75 3.49 0.00	72.76 4.28 0.00	71.46 4.25 0.05	64.52 3.75 0.01	63.19 3.73 0.00	70.80 4.77 -0.31	78.56 5.65 0.00	67.70 4.62 0.04	60.80 3.92 0.03	54.82 3.84 0.01	54.22 3.81 0.00	50.35 3.56 -0.01	66.79 4.53 -0.01
BATAVIA__115KV_TB1 55881	57.23 -2.32 0.00	48.20 -1.89 0.00	47.81 -2.05 0.00	46.96 -1.84 0.00	48.54 -1.96 0.00	78.01 -3.24 0.00	72.96 -3.13 0.00	84.38 -4.65 1.75	63.39 -2.83 0.00	68.77 -3.79 1.23	54.36 -2.91 0.00	51.58 -3.68 0.00	63.72 -4.77 0.00	55.79 -4.58 6.88	49.60 -3.79 7.39	48.08 -3.44 7.94	45.82 -3.95 15.94	60.33 -2.94 9.65	48.60 -2.88 11.64	43.61 -2.76 10.54	39.47 -2.69 8.82	38.43 -2.64 9.33	42.85 -2.43 1.51	59.04 -3.21 0.00
BAYONEEC___CTG1 323682	62.18 2.62 0.00	52.24 2.15 0.00	51.80 1.93 0.00	50.57 1.77 0.00	52.41 1.90 0.00	84.38 3.13 0.00	79.29 3.20 0.00	95.89 5.19 0.07	69.99 3.77 0.00	77.95 4.22 0.05	60.14 2.87 0.00	58.30 3.03 0.00	72.16 3.67 0.00	70.88 3.67 0.05	64.01 3.24 0.01	62.78 3.32 0.00	69.82 4.32 0.22	78.13 5.22 0.00	67.25 4.17 0.04	60.30 3.41 0.03	54.25 3.27 0.01	53.52 3.11 0.00	49.76 2.97 0.00	66.06 3.80 0.00
BAYONEEC___CTG10 323750	62.18 2.62 0.00	52.24 2.15 0.00	51.80 1.93 0.00	50.57 1.77 0.00	52.41 1.90 0.00	84.38 3.13 0.00	79.29 3.20 0.00	95.89 5.19 0.07	69.99 3.77 0.00	77.95 4.22 0.05	60.14 2.87 0.00	58.30 3.03 0.00	72.16 3.67 0.00	70.88 3.67 0.05	64.01 3.24 0.01	62.78 3.32 0.00	69.82 4.32 0.22	78.13 5.22 0.00	67.25 4.17 0.04	60.30 3.41 0.03	54.25 3.27 0.01	53.52 3.11 0.00	49.76 2.97 0.00	66.06 3.80 0.00
BAYONEEC___CTG2 323683	62.18 2.62 0.00	52.24 2.15 0.00	51.80 1.93 0.00	50.57 1.77 0.00	52.41 1.90 0.00	84.38 3.13 0.00	79.29 3.20 0.00	95.89 5.19 0.07	69.99 3.77 0.00	77.95 4.22 0.05	60.14 2.87 0.00	58.30 3.03 0.00	72.16 3.67 0.00	70.88 3.67 0.05	64.01 3.24 0.01	62.78 3.32 0.00	69.82 4.32 0.22	78.13 5.22 0.00	67.25 4.17 0.04	60.30 3.41 0.03	54.25 3.27 0.01	53.52 3.11 0.00	49.76 2.97 0.00	66.06 3.80 0.00
BAYONEEC___CTG3 323684	62.18 2.62 0.00	52.24 2.15 0.00	51.80 1.93 0.00	50.57 1.77 0.00	52.41 1.90 0.00	84.38 3.13 0.00	79.29 3.20 0.00	95.89 5.19 0.07	69.99 3.77 0.00	77.95 4.22 0.05	60.14 2.87 0.00	58.30 3.03 0.00	72.16 3.67 0.00	70.88 3.67 0.05	64.01 3.24 0.01	62.78 3.32 0.00	69.82 4.32 0.22	78.13 5.22 0.00	67.25 4.17 0.04	60.30 3.41 0.03	54.25 3.27 0.01	53.52 3.11 0.00	49.76 2.97 0.00	66.06 3.80 0.00
BAYONEEC___CTG4 323685	62.18 2.62 0.00	52.24 2.15 0.00	51.80 1.93 0.00	50.57 1.77 0.00	52.41 1.90 0.00	84.38 3.13 0.00	79.29 3.20 0.00	95.89 5.19 0.07	69.99 3.77 0.00	77.95 4.22 0.05	60.14 2.87 0.00	58.30 3.03 0.00	72.16 3.67 0.00	70.88 3.67 0.05	64.01 3.24 0.01	62.78 3.32 0.00	69.82 4.32 0.22	78.13 5.22 0.00	67.25 4.17 0.04	60.30 3.41 0.03	54.25 3.27 0.01	53.52 3.11 0.00	49.76 2.97 0.00	66.06 3.80 0.00
BAYONEEC___CTG5 323686	62.18 2.62 0.00	52.24 2.15 0.00	51.80 1.93 0.00	50.57 1.77 0.00	52.41 1.90 0.00	84.38 3.13 0.00	79.29 3.20 0.00	95.89 5.19 0.07	69.99 3.77 0.00	77.95 4.22 0.05	60.14 2.87 0.00	58.30 3.03 0.00	72.16 3.67 0.00	70.88 3.67 0.05	64.01 3.24 0.01	62.78 3.32 0.00	69.82 4.32 0.22	78.13 5.22 0.00	67.25 4.17 0.04	60.30 3.41 0.03	54.25 3.27 0.01	53.52 3.11 0.00	49.76 2.97 0.00	66.06 3.80 0.00
BAYONEEC___CTG6 323687	62.18 2.62 0.00	52.24 2.15 0.00	51.80 1.93 0.00	50.57 1.77 0.00	52.41 1.90 0.00	84.38 3.13 0.00	79.29 3.20 0.00	95.89 5.19 0.07	69.99 3.77 0.00	77.95 4.22 0.05	60.14 2.87 0.00	58.30 3.03 0.00	72.16 3.67 0.00	70.88 3.67 0.05	64.01 3.24 0.01	62.78 3.32 0.00	69.82 4.32 0.22	78.13 5.22 0.00	67.25 4.17 0.04	60.30 3.41 0.03	54.25 3.27 0.01	53.52 3.11 0.00	49.76 2.97 0.00	66.06 3.80 0.00

BAYONEEC___CTG7 323688	62.18 2.62 0.00	52.24 2.15 0.00	51.80 1.93 0.00	50.57 1.77 0.00	52.41 1.90 0.00	84.38 3.13 0.00	79.29 3.20 0.00	95.89 5.19 0.07	69.99 3.77 0.00	77.95 4.22 0.05	60.14 2.87 0.00	58.30 3.03 0.00	72.16 3.67 0.00	70.88 3.67 0.05	64.01 3.24 0.01	62.78 3.32 0.00	69.82 4.32 0.22	78.13 5.22 0.00	67.25 4.17 0.04	60.30 3.41 0.03	54.25 3.27 0.01	53.52 3.11 0.00	49.76 2.97 0.00	66.06 3.80 0.00
BAYONEEC___CTG8 323689	62.18 2.62 0.00	52.24 2.15 0.00	51.80 1.93 0.00	50.57 1.77 0.00	52.41 1.90 0.00	84.38 3.13 0.00	79.29 3.20 0.00	95.89 5.19 0.07	69.99 3.77 0.00	77.95 4.22 0.05	60.14 2.87 0.00	58.30 3.03 0.00	72.16 3.67 0.00	70.88 3.67 0.05	64.01 3.24 0.01	62.78 3.32 0.00	69.82 4.32 0.22	78.13 5.22 0.00	67.25 4.17 0.04	60.30 3.41 0.03	54.25 3.27 0.01	53.52 3.11 0.00	49.76 2.97 0.00	66.06 3.80 0.00
BAYONEEC___CTG9 323749	62.18 2.62 0.00	52.24 2.15 0.00	51.80 1.93 0.00	50.57 1.77 0.00	52.41 1.90 0.00	84.38 3.13 0.00	79.29 3.20 0.00	95.89 5.19 0.07	69.99 3.77 0.00	77.95 4.22 0.05	60.14 2.87 0.00	58.30 3.03 0.00	72.16 3.67 0.00	70.88 3.67 0.05	64.01 3.24 0.01	62.78 3.32 0.00	69.82 4.32 0.22	78.13 5.22 0.00	67.25 4.17 0.04	60.30 3.41 0.03	54.25 3.27 0.01	53.52 3.11 0.00	49.76 2.97 0.00	66.06 3.80 0.00
BEACON___LESR 323632	62.26 2.70 0.00	52.24 2.15 0.00	51.95 2.08 0.00	50.73 1.93 0.00	52.53 2.03 0.00	84.80 3.55 0.00	79.20 3.11 0.00	95.20 4.42 0.00	69.58 3.37 0.00	77.42 3.63 0.00	59.85 2.58 0.00	57.78 2.51 0.00	71.69 3.20 0.00	70.48 3.23 0.00	63.75 2.97 0.00	62.43 2.97 0.00	69.40 3.68 0.00	77.43 4.52 0.00	66.62 3.49 0.00	59.84 2.93 0.00	53.57 2.59 0.00	52.93 2.52 0.00	49.39 2.60 0.00	65.50 3.25 0.00
BEAVER RIVER___HYD 24048	58.30 -1.26 0.00	49.03 -1.06 0.00	49.07 -0.79 0.00	48.55 -0.24 0.00	50.73 0.22 0.00	82.00 0.75 0.00	77.87 1.78 0.00	92.93 2.16 0.00	66.53 0.31 0.00	73.81 0.02 0.00	57.48 0.21 0.00	54.91 -0.35 0.00	67.91 -0.59 0.00	65.89 -1.36 0.00	60.07 -0.71 0.00	59.53 0.07 0.00	66.06 0.34 0.00	72.90 -0.01 0.00	62.79 -0.34 0.00	56.33 -0.58 0.00	50.39 -0.59 0.00	48.55 -0.73 1.13	45.08 -1.49 0.22	77.26 -2.67 -17.68
BEEBEE_GT_13 23619	57.29 -2.27 0.00	48.18 -1.91 0.00	47.85 -2.01 0.00	46.94 -1.85 0.00	48.54 -1.96 0.00	78.07 -3.18 0.00	73.13 -2.96 0.00	86.77 -4.20 -0.19	63.45 -2.77 0.00	70.31 -3.63 -0.14	54.54 -2.74 0.00	52.15 -3.12 0.00	64.56 -3.93 0.00	63.44 -3.93 -0.12	57.35 -3.45 -0.02	56.17 -3.29 0.00	62.72 -3.60 -0.60	69.83 -3.08 0.00	60.31 -2.94 -0.13	54.15 -2.84 -0.08	48.30 -2.70 -0.02	47.73 -2.67 0.00	44.47 -2.31 0.00	59.18 -3.08 0.00
BENSHRST_27_KV_BENSHRST_1 355998	62.76 3.21 0.00	52.77 2.68 0.00	52.31 2.44 0.00	51.09 2.30 0.00	52.88 2.38 0.00	85.16 3.92 0.00	80.08 3.99 0.00	96.84 6.13 0.07	70.61 4.39 0.00	78.62 4.88 0.05	60.62 3.35 0.00	58.79 3.52 0.00	72.77 4.28 0.00	71.51 4.30 0.05	64.58 3.80 0.01	63.31 3.85 0.00	70.38 4.88 0.22	78.87 5.96 0.00	67.91 4.83 0.04	60.95 4.07 0.03	54.84 3.85 0.01	54.11 3.70 0.00	50.30 3.51 0.00	66.83 4.58 0.00
BETHLEHEM___GRP 23843	61.34 1.78 0.00	51.53 1.44 0.00	51.25 1.39 0.00	50.12 1.32 0.00	51.87 1.36 0.00	83.50 2.26 0.00	77.78 1.69 0.00	93.39 2.61 0.00	68.24 2.03 0.00	75.96 2.17 0.00	58.71 1.43 0.00	56.77 1.50 0.00	70.32 1.83 0.00	69.03 1.78 0.00	62.46 1.68 0.00	61.21 1.75 0.00	67.95 2.24 0.00	75.60 2.69 0.00	65.26 2.14 0.00	58.67 1.76 0.00	52.62 1.64 0.00	52.02 1.61 0.00	48.63 1.84 0.00	64.56 2.30 0.00
BETHLEHEM___GS1 323560	61.34 1.78 0.00	51.53 1.44 0.00	51.25 1.39 0.00	50.12 1.33 0.00	51.86 1.36 0.00	83.50 2.26 0.00	77.78 1.69 0.00	93.39 2.61 0.00	68.25 2.03 0.00	75.96 2.17 0.00	58.71 1.44 0.00	56.77 1.51 0.00	70.32 1.83 0.00	69.02 1.77 0.00	62.46 1.69 0.00	61.21 1.75 0.00	67.96 2.24 0.00	75.61 2.69 0.00	65.26 2.14 0.00	58.67 1.75 0.00	52.62 1.64 0.00	52.01 1.60 0.00	48.63 1.84 0.00	64.56 2.31 0.00
BETHLEHEM___GS2 323561	61.34 1.78 0.00	51.53 1.44 0.00	51.25 1.39 0.00	50.12 1.33 0.00	51.86 1.36 0.00	83.50 2.26 0.00	77.78 1.69 0.00	93.39 2.61 0.00	68.25 2.03 0.00	75.96 2.17 0.00	58.71 1.44 0.00	56.77 1.51 0.00	70.32 1.83 0.00	69.02 1.77 0.00	62.46 1.69 0.00	61.21 1.75 0.00	67.96 2.24 0.00	75.61 2.69 0.00	65.26 2.14 0.00	58.67 1.75 0.00	52.62 1.64 0.00	52.01 1.60 0.00	48.63 1.84 0.00	64.56 2.31 0.00
BETHLEHEM___GS3 323562	61.34 1.78 0.00	51.53 1.44 0.00	51.25 1.39 0.00	50.12 1.33 0.00	51.86 1.36 0.00	83.50 2.26 0.00	77.78 1.69 0.00	93.39 2.61 0.00	68.25 2.03 0.00	75.96 2.17 0.00	58.71 1.44 0.00	56.77 1.51 0.00	70.32 1.83 0.00	69.02 1.77 0.00	62.46 1.69 0.00	61.21 1.75 0.00	67.96 2.24 0.00	75.61 2.69 0.00	65.26 2.14 0.00	58.67 1.75 0.00	52.62 1.64 0.00	52.01 1.60 0.00	48.63 1.84 0.00	64.56 2.31 0.00
BETHLEHEM___STEEL 23779	56.22 -3.34 0.00	47.34 -2.75 0.00	46.99 -2.88 0.00	46.16 -2.64 0.00	47.72 -2.78 0.00	76.54 -4.70 0.00	71.32 -4.77 0.00	80.87 -6.99 2.91	61.53 -4.69 0.00	65.83 -5.84 2.13	52.92 -4.35 0.00	50.39 -4.87 0.00	62.37 -6.12 0.00	48.57 -6.02 12.66	41.64 -5.41 13.73	39.41 -5.28 14.77	30.65 -6.09 28.98	49.48 -5.47 17.96	36.39 -5.20 21.53	32.49 -4.87 19.55	30.00 -4.59 16.41	28.61 -4.42 17.39	40.02 -3.95 2.81	57.23 -5.03 0.00
BETHLHEM_115KV_TB1 79974	61.32 1.76 0.00	51.51 1.42 0.00	51.23 1.36 0.00	50.10 1.30 0.00	51.86 1.35 0.00	83.47 2.22 0.00	77.82 1.73 0.00	93.43 2.66 0.00	68.26 2.04 0.00	76.01 2.22 0.00	58.74 1.46 0.00	56.80 1.54 0.00	70.33 1.84 0.00	69.05 1.80 0.00	62.48 1.70 0.00	61.22 1.76 0.00	67.97 2.25 0.00	75.61 2.70 0.00	65.29 2.16 0.00	58.69 1.78 0.00	52.66 1.67 0.00	52.03 1.62 0.00	48.59 1.80 0.00	64.53 2.28 0.00
BETHPAGE_CC_5 323564	63.06 3.50 0.00	52.85 2.76 0.00	52.25 2.39 0.00	51.03 2.23 0.00	52.93 2.43 0.00	85.35 4.10 0.00	80.13 4.04 0.00	97.29 6.59 0.07	70.85 4.64 0.00	78.92 5.18 0.05	62.01 3.87 -0.86	59.17 3.90 0.00	73.21 4.72 0.00	71.90 4.69 0.05	64.87 4.10 0.01	63.48 4.02 0.00	71.25 5.14 -0.39	78.99 6.07 0.00	68.01 4.93 0.04	61.06 4.18 0.03	54.94 3.95 0.01	54.35 3.94 0.00	50.40 3.62 0.00	66.98 4.73 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	56.42 -3.14 0.00	47.52 -2.57 0.00	47.17 -2.70 0.00	46.34 -2.45 0.00	47.92 -2.58 0.00	76.87 -4.38 0.00	71.63 -4.46 0.00	81.36 -6.56 2.87	61.81 -4.41 0.00	66.19 -5.51 2.09	53.19 -4.09 0.00	50.67 -4.59 0.00	62.72 -5.77 0.00	49.55 -5.65 12.05	42.72 -5.06 13.00	40.53 -4.95 13.98	32.22 -5.75 27.75	50.78 -5.13 17.00	37.78 -4.90 20.45	33.76 -4.61 18.54	31.11 -4.34 15.54	29.76 -4.20 16.45	40.33 -3.80 2.66	57.43 -4.82 0.00

BINGHAMTON___COGEN 23790	58.93 -0.63 0.00	49.49 -0.60 0.00	49.25 -0.62 0.00	48.18 -0.61 0.00	50.01 -0.49 0.00	80.67 -0.58 0.00	75.48 -0.61 0.00	90.12 -0.19 0.46	66.19 -0.03 0.00	73.24 -0.20 0.34	56.85 -0.42 0.00	54.86 -0.41 0.00	67.96 -0.53 0.00	67.86 -0.56 -1.17	62.04 -0.50 -1.77	60.99 -0.47 -2.00	66.67 -0.33 -1.29	75.46 0.09 -2.45	65.40 -0.11 -2.38	58.92 -0.31 -2.32	52.84 -0.32 -2.17	52.38 -0.41 -2.37	46.72 -0.45 -0.38	61.62 -0.64 0.00
BIXINCNT_115KV_LOAD 355685	56.04 -3.52 0.00	47.28 -2.81 0.00	47.11 -2.76 0.00	46.67 -2.13 0.00	48.18 -2.33 0.00	76.96 -4.28 0.00	71.92 -4.17 0.00	82.42 -5.72 2.64	61.87 -4.34 0.00	66.28 -5.58 1.92	53.41 -3.86 0.00	51.06 -4.20 0.00	63.25 -5.24 0.00	53.23 -5.25 8.77	46.79 -4.90 9.09	44.65 -5.11 9.70	38.26 -6.24 21.23	54.60 -6.51 11.80	42.56 -5.96 14.60	38.25 -5.55 13.11	34.81 -5.36 10.82	33.81 -5.19 11.41	40.12 -4.82 1.85	55.95 -6.30 0.00
BLACK RIVER___HYD 24047	58.15 -1.41 0.00	48.84 -1.26 0.00	48.87 -1.00 0.00	48.25 -0.54 0.00	50.42 -0.09 0.00	81.58 0.33 0.00	77.54 1.45 0.00	92.53 1.76 0.00	66.10 -0.12 0.00	73.17 -0.63 0.00	56.81 -0.47 0.00	54.18 -1.09 0.00	67.02 -1.47 0.00	64.62 -2.63 0.00	58.99 -1.79 0.00	58.86 -0.60 0.00	65.56 -0.16 0.00	72.51 -0.41 0.00	62.35 -0.78 0.00	55.79 -1.12 0.00	49.91 -1.08 0.00	48.34 -1.30 0.77	44.73 -1.91 0.15	71.38 -3.22 -12.35
BLACKRVR_115KV_TB2 79977	58.15 -1.41 0.00	48.84 -1.26 0.00	48.87 -1.00 0.00	48.26 -0.54 0.00	50.42 -0.09 0.00	81.58 0.33 0.00	77.54 1.45 0.00	92.53 1.75 0.00	66.10 -0.12 0.00	73.18 -0.61 0.00	56.81 -0.47 0.00	54.18 -1.08 0.00	67.02 -1.47 0.00	64.62 -2.63 0.00	58.99 -1.79 0.00	58.86 -0.60 0.00	65.56 -0.16 0.00	72.51 -0.41 0.00	62.35 -0.78 0.00	55.79 -1.12 0.00	49.91 -1.08 0.00	48.34 -1.30 0.77	44.73 -1.91 0.15	71.38 -3.22 -12.35
BLISS_WT_PWR 323608	55.72 -3.84 0.00	47.05 -3.04 0.00	46.92 -2.95 0.00	46.57 -2.23 0.00	48.05 -2.46 0.00	76.67 -4.58 0.00	71.74 -4.35 0.00	82.25 -5.89 2.64	61.62 -4.59 0.00	65.93 -5.94 1.92	53.23 -4.04 0.00	50.93 -4.33 0.00	63.05 -5.44 0.00	53.00 -5.48 8.77	46.59 -5.10 9.09	44.39 -5.37 9.70	37.67 -6.82 21.23	53.88 -7.24 11.80	42.02 -6.50 14.60	37.78 -6.02 13.11	34.36 -5.80 10.82	33.42 -5.58 11.41	39.63 -5.31 1.85	55.24 -7.02 0.00
BLUESTONE___WT_PWR 323821	58.74 -0.82 0.00	49.52 -0.57 0.00	49.73 -0.13 0.00	48.55 -0.24 0.00	50.48 -0.03 0.00	81.46 0.22 0.00	76.72 0.62 0.00	94.67 4.16 0.27	68.61 2.39 0.00	76.14 2.55 0.20	58.89 1.62 0.00	56.92 1.65 0.00	70.38 1.89 0.00	68.83 1.75 0.17	62.52 1.77 0.03	61.07 1.61 0.00	66.91 2.03 0.83	72.67 -0.24 0.00	62.95 0.03 0.20	56.56 -0.22 0.13	50.74 -0.22 0.03	49.85 -0.56 0.00	45.89 -0.89 0.00	61.24 -1.01 0.00
BLUE_CIRC_CHEM_DRP 24182	61.60 2.04 0.00	51.76 1.67 0.00	51.52 1.65 0.00	50.39 1.59 0.00	52.16 1.66 0.00	83.96 2.71 0.00	81.94 5.85 0.00	100.49 9.71 0.00	73.53 7.31 0.00	81.63 7.84 0.00	62.91 5.64 0.00	60.52 5.25 0.00	74.66 6.17 0.00	73.32 6.07 0.00	66.63 5.85 0.00	65.71 6.25 0.00	72.82 7.10 0.00	77.47 4.55 0.00	65.59 2.47 0.00	58.99 2.08 0.00	52.93 1.94 0.00	52.27 1.86 0.00	48.71 1.92 0.00	64.71 2.46 0.00
BOC_GAS_DRP 24189	61.05 1.48 0.00	51.30 1.21 0.00	51.03 1.17 0.00	49.91 1.11 0.00	51.67 1.17 0.00	83.15 1.91 0.00	77.72 1.63 0.00	93.21 2.44 0.00	68.09 1.87 0.00	75.81 2.01 0.00	58.59 1.31 0.00	56.66 1.39 0.00	70.17 1.68 0.00	68.90 1.65 0.00	62.31 1.53 0.00	61.05 1.59 0.00	67.72 2.00 0.00	75.36 2.45 0.00	65.09 1.97 0.00	58.54 1.63 0.00	52.53 1.54 0.00	51.88 1.47 0.00	48.28 1.50 0.00	64.20 1.94 0.00
BOONVILLE_115KV_TB1 79983	59.85 0.30 0.00	50.33 0.24 0.00	50.21 0.34 0.00	49.37 0.58 0.00	51.34 0.83 0.00	82.84 1.59 0.00	78.16 2.07 0.00	93.45 2.68 0.00	67.69 1.47 0.00	75.24 1.44 0.00	58.41 1.14 0.00	56.07 0.81 0.00	69.39 0.89 0.00	67.79 0.53 0.00	61.64 0.86 0.00	60.69 1.23 0.00	67.19 1.47 0.00	74.37 1.45 0.00	64.20 1.08 0.00	57.72 0.81 0.00	51.68 0.69 0.00	51.02 0.61 0.00	46.96 0.17 0.00	68.77 -0.18 -6.69
BORALEX_4TH_BRANCH 23824	62.98 3.42 0.00	52.85 2.76 0.00	52.46 2.60 0.00	51.26 2.47 0.00	53.02 2.51 0.00	85.71 4.46 0.00	80.51 4.42 0.00	96.95 6.18 0.00	70.90 4.69 0.00	78.90 5.11 0.00	60.80 3.52 0.00	58.93 3.67 0.00	72.94 4.45 0.00	71.51 4.26 0.00	64.84 4.06 0.00	63.53 4.07 0.00	70.56 4.85 0.00	78.62 5.71 0.00	67.88 4.76 0.00	60.98 4.07 0.00	54.73 3.74 0.00	53.90 3.49 0.00	50.10 3.31 0.00	66.47 4.22 0.00
BOWLINE___1 23526	61.73 2.18 0.00	51.81 1.72 0.00	51.39 1.52 0.00	50.17 1.37 0.00	52.02 1.51 0.00	83.89 2.64 0.00	78.75 2.66 0.00	95.17 4.47 0.07	69.35 3.13 0.00	77.17 3.44 0.05	59.56 2.29 0.00	57.67 2.41 0.00	71.42 2.93 0.00	70.16 2.96 0.05	63.36 2.59 0.01	62.17 2.71 0.00	69.13 3.64 0.22	77.39 4.48 0.00	66.67 3.59 0.05	59.82 2.94 0.03	53.75 2.77 0.01	53.00 2.59 0.00	49.25 2.46 0.00	65.39 3.14 0.00
BOWLINE___2 23595	61.63 2.08 0.00	51.74 1.65 0.00	51.30 1.44 0.00	50.10 1.30 0.00	51.95 1.44 0.00	83.76 2.52 0.00	78.65 2.56 0.00	95.04 4.34 0.07	69.24 3.02 0.00	77.06 3.32 0.05	59.46 2.19 0.00	57.59 2.32 0.00	71.32 2.83 0.00	70.06 2.85 0.05	63.28 2.51 0.01	62.06 2.60 0.00	69.04 3.54 0.22	77.29 4.38 0.00	66.58 3.50 0.05	59.72 2.84 0.03	53.67 2.68 0.01	52.92 2.51 0.00	49.17 2.39 0.00	65.31 3.06 0.00
BRADY___115KV_TB2 356060	61.41 1.85 0.00	51.57 1.47 0.00	51.51 1.64 0.00	50.97 2.17 0.00	53.76 3.25 0.00	87.13 5.88 0.00	83.35 7.26 0.00	99.58 8.80 0.00	71.97 5.76 0.00	79.67 5.88 0.00	62.01 4.74 0.00	58.67 3.40 0.00	72.48 3.99 0.00	71.25 4.00 0.00	64.45 3.67 0.00	63.24 3.78 0.00	70.75 5.03 0.00	78.48 5.57 0.00	68.18 5.06 0.00	61.43 4.52 0.00	54.50 3.51 0.00	49.60 2.69 3.51	47.52 1.41 0.68	110.04 0.98 -46.80
BRANSCOMB___SOLAR 323811	62.10 2.54 0.00	52.13 2.04 0.00	51.84 1.97 0.00	50.66 1.87 0.00	52.43 1.92 0.00	84.83 3.58 0.00	80.07 3.98 0.00	96.49 5.71 0.00	70.53 4.31 0.00	78.47 4.68 0.00	60.48 3.20 0.00	58.57 3.30 0.00	72.38 3.89 0.00	70.84 3.59 0.00	64.22 3.44 0.00	62.83 3.37 0.00	69.94 4.23 0.00	77.88 4.97 0.00	67.24 4.11 0.00	60.43 3.52 0.00	54.15 3.16 0.00	53.28 2.88 0.00	49.40 2.62 0.00	65.50 3.25 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	64.10 4.55 0.00	53.69 3.60 0.00	53.02 3.16 0.00	51.77 2.98 0.00	53.68 3.17 0.00	86.73 5.48 0.00	81.32 5.23 0.00	98.77 8.06 0.07	72.01 5.79 0.00	80.30 6.56 0.05	63.19 4.92 -1.00	60.19 4.92 0.00	74.52 6.03 0.00	73.16 5.95 0.05	66.07 5.29 0.01	64.55 5.09 0.00	72.23 6.20 -0.31	80.06 7.14 0.00	69.01 5.93 0.04	62.03 5.15 0.03	55.79 4.81 0.01	55.22 4.81 0.00	51.11 4.33 0.00	67.72 5.46 0.00



BRISTLHL_115KV_TB1 79998	57.45 -2.10 0.00	48.30 -1.79 0.00	48.05 -1.82 0.00	47.04 -1.75 0.00	48.75 -1.76 0.00	78.50 -2.75 0.00	73.72 -2.36 0.00	88.09 -2.69 0.00	64.23 -1.98 0.00	71.45 -2.34 0.00	55.21 -2.07 0.00	53.22 -2.05 0.00	65.95 -2.54 0.00	64.72 -2.53 0.00	58.53 -2.25 0.00	57.42 -2.04 0.00	63.66 -2.06 0.00	70.90 -2.02 0.00	61.29 -1.84 0.00	55.13 -1.78 0.00	49.36 -1.63 0.00	48.75 -1.66 0.00	45.20 -1.59 0.00	60.07 -2.19 0.00
BROOKHAVEN___DRP 24191	64.04 4.48 0.00	53.64 3.55 0.00	52.96 3.09 0.00	51.70 2.91 0.00	53.61 3.10 0.00	86.60 5.35 0.00	81.30 5.21 0.00	98.83 8.13 0.07	71.89 5.67 0.00	80.00 6.26 0.05	62.55 4.26 -1.01	59.48 4.22 0.00	73.93 5.44 0.00	72.76 5.55 0.05	65.61 4.83 0.01	64.14 4.68 0.00	71.97 5.95 -0.30	79.91 7.00 0.00	68.76 5.68 0.04	61.68 4.80 0.03	55.45 4.47 0.01	54.92 4.51 0.00	50.80 4.01 0.00	67.21 4.96 0.00
BROOKLYN_NAVY_YARD 23515	62.15 2.59 0.00	52.19 2.09 0.00	51.74 1.87 0.00	50.51 1.71 0.00	52.33 1.82 0.00	84.30 3.05 0.00	79.30 3.21 0.00	95.93 5.22 0.07	70.01 3.79 0.00	77.99 4.25 0.05	60.16 2.89 0.00	58.31 3.05 0.00	72.19 3.70 0.00	70.92 3.71 0.05	64.04 3.27 0.01	62.81 3.35 0.00	69.84 4.34 0.22	78.18 5.27 0.00	67.29 4.21 0.04	60.32 3.44 0.03	54.23 3.25 0.01	53.49 3.08 0.00	49.70 2.92 0.00	65.99 3.73 0.00
BROOKLYN___ARMY_DRP 323595	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.65 2.14 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.30 5.60 0.07	70.21 3.99 0.00	78.19 4.45 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.10 3.89 0.05	64.20 3.43 0.01	62.94 3.48 0.00	69.98 4.47 0.22	78.40 5.48 0.00	67.52 4.43 0.04	60.59 3.71 0.03	54.52 3.54 0.01	53.80 3.39 0.00	50.03 3.25 0.00	66.48 4.23 0.00
BROOKVLE_69_KV_TB1 55790	62.92 3.36 0.00	52.81 2.72 0.00	52.26 2.39 0.00	51.05 2.26 0.00	52.97 2.46 0.00	85.37 4.12 0.00	80.27 4.18 0.00	97.32 6.61 0.07	70.90 4.68 0.00	78.96 5.22 0.05	61.64 3.82 -0.55	59.13 3.87 0.00	73.20 4.71 0.00	71.89 4.69 0.05	64.91 4.14 0.01	63.56 4.10 0.00	71.53 5.18 -0.63	79.14 6.22 0.00	68.11 5.02 0.04	61.12 4.23 0.03	54.95 3.97 0.01	54.26 3.85 0.00	50.43 3.64 0.00	66.95 4.69 0.00
BROOME_2_LFGE 323671	58.93 -0.63 0.00	49.49 -0.60 0.00	49.25 -0.62 0.00	48.18 -0.61 0.00	50.02 -0.49 0.00	80.67 -0.58 0.00	75.48 -0.61 0.00	90.14 -0.17 0.46	66.18 -0.04 0.00	73.24 -0.20 0.34	56.85 -0.42 0.00	54.86 -0.41 0.00	67.96 -0.53 0.00	67.85 -0.57 -1.17	62.03 -0.51 -1.77	60.98 -0.47 -2.00	66.67 -0.34 -1.29	75.45 0.09 -2.45	65.40 -0.11 -2.38	58.91 -0.32 -2.32	52.83 -0.33 -2.17	52.36 -0.42 -2.37	46.72 -0.45 -0.38	61.62 -0.64 0.00
BROOME___LFGE 323600	58.93 -0.63 0.00	49.49 -0.60 0.00	49.25 -0.62 0.00	48.18 -0.61 0.00	50.02 -0.49 0.00	80.67 -0.58 0.00	75.48 -0.61 0.00	90.14 -0.17 0.46	66.18 -0.04 0.00	73.24 -0.20 0.34	56.85 -0.42 0.00	54.86 -0.41 0.00	67.96 -0.53 0.00	67.85 -0.57 -1.17	62.03 -0.51 -1.77	60.98 -0.47 -2.00	66.67 -0.34 -1.29	75.45 0.09 -2.45	65.40 -0.11 -2.38	58.91 -0.32 -2.32	52.83 -0.33 -2.17	52.36 -0.42 -2.37	46.72 -0.45 -0.38	61.62 -0.64 0.00
BROWNFLS_115KV_TB_3_5 80003	58.33 -1.23 0.00	49.03 -1.06 0.00	49.05 -0.82 0.00	48.55 -0.25 0.00	50.93 0.42 0.00	82.36 1.12 0.00	78.37 2.28 0.00	93.47 2.69 0.00	67.24 1.02 0.00	74.63 0.84 0.00	58.16 0.89 0.00	55.49 0.23 0.00	68.68 0.19 0.00	66.88 -0.37 0.00	60.81 0.03 0.00	60.01 0.54 0.00	66.54 0.82 0.00	73.48 0.57 0.00	63.52 0.40 0.00	57.09 0.18 0.00	50.90 -0.08 0.00	47.69 -0.44 2.28	45.08 -1.27 0.44	91.63 -2.39 -31.77
BROWNSV1_27_KV_LOAD 356125	62.82 3.26 0.00	52.74 2.66 0.00	52.27 2.40 0.00	51.03 2.24 0.00	52.88 2.38 0.00	85.19 3.94 0.00	80.12 4.03 0.00	96.98 6.27 0.07	70.78 4.56 0.00	78.83 5.09 0.05	60.86 3.58 0.00	58.97 3.70 0.00	72.99 4.50 0.00	71.73 4.52 0.05	64.77 4.00 0.01	63.52 4.05 0.00	70.57 5.07 0.22	79.04 6.13 0.00	68.02 4.94 0.04	61.01 4.13 0.03	54.86 3.87 0.01	54.10 3.70 0.00	50.24 3.46 0.00	66.68 4.43 0.00
BURROWS___LYONSDAL 23803	59.35 -0.21 0.00	49.91 -0.17 0.00	49.84 -0.02 0.00	49.11 0.32 0.00	51.12 0.61 0.00	82.50 1.25 0.00	77.98 1.89 0.00	93.19 2.41 0.00	67.24 1.03 0.00	74.71 0.91 0.00	58.08 0.80 0.00	55.70 0.43 0.00	68.89 0.40 0.00	67.20 -0.05 0.00	61.18 0.40 0.00	60.32 0.86 0.00	66.80 1.08 0.00	73.85 0.94 0.00	63.69 0.56 0.00	57.22 0.31 0.00	51.25 0.26 0.00	50.28 0.20 0.32	46.38 -0.34 0.06	70.19 -0.92 -8.85
CAITHNESS_CC_1 323624	63.83 4.27 0.00	53.45 3.37 0.00	52.78 2.91 0.00	51.53 2.73 0.00	53.43 2.92 0.00	86.30 5.05 0.00	81.00 4.91 0.00	98.45 7.75 0.07	71.66 5.45 0.00	79.75 6.01 0.05	62.46 4.17 -1.01	59.41 4.14 0.00	73.78 5.29 0.00	72.54 5.34 0.05	65.42 4.65 0.01	63.96 4.50 0.00	71.78 5.76 -0.30	79.68 6.77 0.00	68.57 5.49 0.04	61.50 4.62 0.03	55.31 4.33 0.01	54.79 4.38 0.00	50.70 3.92 0.00	67.09 4.84 0.00
CALPINE BETH_PAGE_GT4 24209	63.03 3.47 0.00	52.85 2.75 0.00	52.25 2.38 0.00	51.03 2.23 0.00	52.92 2.42 0.00	85.32 4.07 0.00	80.15 4.06 0.00	97.32 6.61 0.07	70.85 4.64 0.00	78.93 5.19 0.05	61.96 3.89 -0.79	59.18 3.91 0.00	73.23 4.74 0.00	71.92 4.71 0.05	64.89 4.12 0.01	63.49 4.03 0.00	71.25 5.10 -0.43	79.02 6.11 0.00	68.04 4.96 0.04	61.07 4.19 0.03	54.95 3.97 0.01	54.34 3.93 0.00	50.41 3.62 0.00	67.05 4.80 0.00
CALPINE_BETH_PAGE_GT_4 323586	63.03 3.47 0.00	52.84 2.75 0.00	52.25 2.38 0.00	51.03 2.23 0.00	52.93 2.42 0.00	85.32 4.07 0.00	80.14 4.05 0.00	97.30 6.59 0.07	70.85 4.64 0.00	78.92 5.18 0.05	61.97 3.90 -0.79	59.18 3.92 0.00	73.24 4.75 0.00	71.90 4.70 0.05	64.88 4.11 0.01	63.48 4.02 0.00	71.29 5.14 -0.43	79.02 6.10 0.00	68.04 4.95 0.04	61.07 4.19 0.03	54.95 3.97 0.01	54.33 3.92 0.00	50.41 3.62 0.00	67.05 4.80 0.00
CALPINE_BP_GT1 23823	63.03 3.47 0.00	52.84 2.75 0.00	52.25 2.38 0.00	51.03 2.23 0.00	52.93 2.42 0.00	85.32 4.07 0.00	80.14 4.05 0.00	97.30 6.59 0.07	70.85 4.64 0.00	78.92 5.18 0.05	61.97 3.90 -0.79	59.18 3.92 0.00	73.24 4.75 0.00	71.90 4.70 0.05	64.88 4.11 0.01	63.48 4.02 0.00	71.29 5.14 -0.43	79.02 6.10 0.00	68.04 4.95 0.04	61.07 4.19 0.03	54.95 3.97 0.01	54.33 3.92 0.00	50.41 3.62 0.00	67.05 4.80 0.00
CALSPAN___DRP 24200	56.22 -3.34 0.00	47.34 -2.75 0.00	46.99 -2.88 0.00	46.16 -2.64 0.00	47.72 -2.78 0.00	76.54 -4.70 0.00	71.32 -4.77 0.00	80.87 -6.99 2.91	61.53 -4.69 0.00	65.83 -5.84 2.13	52.92 -4.35 0.00	50.39 -4.87 0.00	62.37 -6.12 0.00	48.57 -6.02 12.66	41.64 -5.41 13.73	39.41 -5.28 14.77	30.65 -6.09 28.98	49.48 -5.47 17.96	36.39 -5.20 21.53	32.49 -4.87 19.55	30.00 -4.59 16.41	28.61 -4.42 17.39	40.02 -3.95 2.81	57.23 -5.03 0.00

CALVERTON___SOLAR 323806	64.26 4.70 0.00	53.84 3.75 0.00	53.16 3.29 0.00	51.89 3.10 0.00	53.80 3.29 0.00	86.92 5.67 0.00	81.61 5.52 0.00	99.20 8.50 0.07	72.15 5.93 0.00	80.26 6.52 0.05	62.70 4.41 -1.01	59.62 4.35 0.00	74.13 5.63 0.00	72.94 5.74 0.05	65.73 4.95 0.01	64.28 4.82 0.00	72.20 6.18 -0.30	80.13 7.22 0.00	68.95 5.87 0.04	61.82 4.94 0.03	55.56 4.58 0.01	55.00 4.59 0.00	50.87 4.08 0.00	67.25 5.00 0.00
CANDIGU_WT_PWR 323617	56.34 -3.22 0.00	47.32 -2.77 0.00	47.17 -2.70 0.00	46.20 -2.60 0.00	48.02 -2.49 0.00	77.69 -3.56 0.00	72.61 -3.48 0.00	85.31 -4.00 1.47	63.44 -2.78 0.00	69.14 -3.58 1.07	53.95 -3.32 0.00	51.75 -3.52 0.00	64.12 -4.37 0.00	5.55 -4.69 57.01	-13.37 -4.47 69.68	-21.61 -4.60 76.47	-47.77 -4.72 108.77	-24.95 -4.82 93.05	-44.12 -4.48 102.76	-43.34 -4.39 95.86	-36.99 -4.00 83.98	-43.67 -3.98 90.10	28.42 -3.79 14.57	57.26 -5.00 0.00
CARR STREET_E_SYR 24060	57.98 -1.58 0.00	48.74 -1.35 0.00	48.49 -1.38 0.00	47.47 -1.33 0.00	49.19 -1.32 0.00	79.22 -2.02 0.00	74.35 -1.74 0.00	88.92 -1.86 0.00	65.14 -1.08 0.00	72.22 -1.57 0.00	55.88 -1.39 0.00	53.81 -1.46 0.00	66.67 -1.83 0.00	65.41 -1.84 0.00	59.23 -1.55 0.00	58.02 -1.45 0.00	64.30 -1.42 0.00	71.66 -1.26 0.00	61.91 -1.21 0.00	55.67 -1.24 0.00	49.87 -1.12 0.00	49.37 -1.04 0.00	45.79 -1.00 0.00	60.84 -1.42 0.00
CARTHAGE___PAPER 23857	58.71 -0.84 0.00	49.35 -0.75 0.00	49.37 -0.50 0.00	48.79 0.00 0.00	50.99 0.49 0.00	82.45 1.20 0.00	78.38 2.29 0.00	93.51 2.73 0.00	66.87 0.65 0.00	74.09 0.30 0.00	57.63 0.36 0.00	54.98 -0.29 0.00	68.01 -0.48 0.00	65.84 -1.41 0.00	60.06 -0.72 0.00	59.74 0.28 0.00	66.41 0.69 0.00	73.32 0.41 0.00	63.14 0.02 0.00	56.58 -0.33 0.00	50.64 -0.35 0.00	48.94 -0.56 0.91	45.32 -1.29 0.17	74.20 -2.46 -14.41
CASSADAGA_WT_PWR 323784	56.74 -2.82 0.00	47.82 -2.27 0.00	47.49 -2.38 0.00	46.55 -2.24 0.00	48.17 -2.34 0.00	77.58 -3.67 0.00	72.54 -3.55 0.00	82.64 -5.40 2.74	62.09 -4.13 0.00	66.10 -5.69 2.00	53.16 -4.11 0.00	50.65 -4.62 0.00	62.19 -6.31 0.00	50.82 -6.53 9.90	44.38 -5.97 10.43	42.13 -6.17 11.16	34.95 -7.26 23.52	52.96 -6.38 13.58	40.30 -6.21 16.61	36.10 -5.83 14.98	33.06 -5.49 12.43	31.89 -5.38 13.13	39.69 -4.97 2.12	56.22 -6.04 0.00
CE_DUNWOOD___DRP 24194	62.20 2.64 0.00	52.21 2.12 0.00	51.77 1.90 0.00	50.54 1.75 0.00	52.39 1.88 0.00	84.44 3.20 0.00	79.30 3.22 0.00	95.88 5.17 0.07	69.93 3.71 0.00	77.85 4.11 0.05	60.08 2.80 0.00	58.18 2.92 0.00	72.05 3.56 0.00	70.77 3.57 0.05	63.93 3.16 0.01	62.70 3.24 0.00	69.66 4.16 0.22	78.00 5.09 0.00	67.18 4.10 0.04	60.26 3.38 0.03	54.16 3.18 0.01	53.42 3.01 0.00	49.63 2.85 0.00	65.90 3.64 0.00
CE_MILLWOOD___DRP 24193	62.09 2.53 0.00	52.11 2.02 0.00	51.69 1.83 0.00	50.46 1.67 0.00	52.31 1.80 0.00	84.31 3.07 0.00	79.19 3.10 0.00	95.69 4.99 0.07	69.78 3.56 0.00	77.68 3.94 0.05	59.95 2.68 0.00	58.06 2.79 0.00	71.88 3.39 0.00	70.61 3.41 0.05	63.80 3.03 0.01	62.54 3.08 0.00	69.51 4.01 0.22	77.82 4.91 0.00	67.04 3.96 0.04	60.14 3.26 0.03	54.06 3.08 0.01	53.31 2.90 0.00	49.53 2.74 0.00	65.76 3.51 0.00
CE_NYC2_DRP 24202	62.32 2.77 0.00	52.36 2.27 0.00	51.91 2.04 0.00	50.69 1.89 0.00	52.50 2.00 0.00	84.54 3.29 0.00	79.52 3.43 0.00	96.20 5.49 0.07	70.20 3.98 0.00	78.18 4.44 0.05	60.29 3.02 0.00	58.45 3.18 0.00	72.37 3.88 0.00	71.09 3.88 0.05	64.21 3.44 0.01	62.93 3.47 0.00	69.93 4.43 0.22	78.31 5.39 0.00	67.40 4.32 0.04	60.47 3.58 0.03	54.40 3.42 0.01	53.64 3.23 0.00	49.86 3.08 0.00	66.20 3.95 0.00
CE_NYC_DRP 24195	62.27 2.71 0.00	52.30 2.20 0.00	51.85 1.99 0.00	50.62 1.83 0.00	52.46 1.95 0.00	84.48 3.23 0.00	79.43 3.34 0.00	96.11 5.40 0.07	70.15 3.93 0.00	78.14 4.40 0.05	60.29 3.02 0.00	58.44 3.17 0.00	72.35 3.86 0.00	71.08 3.87 0.05	64.19 3.42 0.01	62.94 3.48 0.00	69.95 4.44 0.22	78.32 5.40 0.00	67.41 4.33 0.04	60.45 3.57 0.03	54.36 3.37 0.01	53.61 3.21 0.00	49.82 3.03 0.00	66.16 3.91 0.00
CHAFFEE___LFGE 323603	56.67 -2.88 0.00	47.72 -2.37 0.00	47.34 -2.53 0.00	46.49 -2.30 0.00	48.06 -2.45 0.00	77.13 -4.12 0.00	71.93 -4.16 0.00	81.78 -6.22 2.78	62.07 -4.15 0.00	66.51 -5.26 2.02	53.41 -3.86 0.00	50.85 -4.41 0.00	62.92 -5.57 0.00	51.21 -5.34 10.69	44.65 -4.75 11.38	42.61 -4.64 12.21	34.99 -5.66 25.07	53.31 -4.76 14.85	40.56 -4.53 18.03	36.34 -4.27 16.30	33.37 -4.03 13.59	32.21 -3.83 14.37	40.91 -3.56 2.32	57.75 -4.51 0.00
CHATEAUG_35_KV_LOAD 355732	60.80 1.24 0.00	51.15 1.06 0.00	51.12 1.26 0.00	49.91 1.12 0.00	51.42 0.92 0.00	82.65 1.40 0.00	77.51 1.42 0.00	91.46 0.69 0.00	66.71 0.49 0.00	74.75 0.96 0.00	58.65 1.38 0.00	56.54 1.28 0.00	70.47 1.98 0.00	68.94 1.69 0.00	62.34 1.56 0.00	60.58 1.12 0.00	65.73 0.01 0.00	72.07 -0.84 0.00	62.91 -0.22 0.00	56.83 -0.08 0.00	50.39 -0.59 0.00	41.56 -1.17 7.68	43.79 -1.50 1.50	-14.73 -2.20 74.78
CHATEAUG_WT_PWR 323614	60.65 1.09 0.00	51.01 0.92 0.00	50.99 1.12 0.00	49.80 1.00 0.00	51.33 0.82 0.00	82.47 1.22 0.00	77.27 1.18 0.00	91.27 0.49 0.00	66.50 0.29 0.00	74.53 0.74 0.00	58.45 1.18 0.00	56.43 1.16 0.00	70.29 1.80 0.00	68.73 1.48 0.00	62.23 1.45 0.00	60.50 1.04 0.00	65.63 -0.09 0.00	71.82 -1.09 0.00	62.72 -0.41 0.00	56.53 -0.38 0.00	50.16 -0.83 0.00	40.87 -1.43 8.11	43.44 -1.76 1.59	-9.90 -2.72 69.43
CHAT_HIGH_FALL_HYD 323578	60.80 1.24 0.00	51.15 1.06 0.00	51.12 1.26 0.00	49.91 1.12 0.00	51.42 0.92 0.00	82.65 1.40 0.00	77.51 1.42 0.00	91.46 0.69 0.00	66.71 0.49 0.00	74.75 0.96 0.00	58.65 1.38 0.00	56.54 1.28 0.00	70.47 1.98 0.00	68.94 1.69 0.00	62.34 1.56 0.00	60.58 1.12 0.00	65.73 0.01 0.00	72.07 -0.84 0.00	62.91 -0.22 0.00	56.83 -0.08 0.00	50.39 -0.59 0.00	41.56 -1.17 7.68	43.79 -1.50 1.50	-14.73 -2.20 74.78
CHAUTAUQUA___LFGE 323629	56.35 -3.21 0.00	47.49 -2.60 0.00	47.14 -2.73 0.00	46.26 -2.54 0.00	47.80 -2.70 0.00	76.87 -4.38 0.00	71.82 -4.27 0.00	81.46 -6.47 2.85	61.76 -4.46 0.00	65.92 -5.80 2.08	52.95 -4.32 0.00	50.38 -4.88 0.00	62.15 -6.34 0.00	49.20 -6.30 11.75	42.53 -5.61 12.65	40.32 -5.55 13.59	31.99 -6.57 27.16	50.68 -5.70 16.53	37.78 -5.42 19.92	33.77 -5.09 18.05	31.11 -4.77 15.11	29.80 -4.61 15.99	39.90 -4.30 2.59	56.82 -5.43 0.00
CHERRYST_13_KV_LD 356241	62.44 2.88 0.00	52.44 2.35 0.00	51.99 2.12 0.00	50.76 1.97 0.00	52.60 2.10 0.00	84.72 3.48 0.00	79.67 3.58 0.00	96.41 5.70 0.07	70.38 4.16 0.00	78.41 4.68 0.05	60.52 3.25 0.00	58.66 3.39 0.00	72.62 4.13 0.00	71.34 4.13 0.05	64.43 3.66 0.01	63.18 3.71 0.00	70.19 4.69 0.22	78.59 5.68 0.00	67.63 4.55 0.04	60.63 3.75 0.03	54.52 3.54 0.01	53.76 3.36 0.00	49.96 3.17 0.00	66.35 4.10 0.00

CHESTROR_138KV_BK263 355645	61.62 2.07 0.00	51.72 1.63 0.00	51.32 1.46 0.00	50.12 1.32 0.00	51.96 1.45 0.00	83.79 2.55 0.00	78.66 2.57 0.00	94.96 4.26 0.07	69.22 3.00 0.00	77.04 3.30 0.06	59.47 2.20 0.00	57.57 2.30 0.00	71.31 2.81 0.00	70.04 2.84 0.05	63.28 2.50 0.01	62.05 2.59 0.00	68.92 3.44 0.23	77.20 4.28 0.00	66.51 3.43 0.05	59.68 2.80 0.03	53.61 2.63 0.01	52.87 2.46 0.00	49.10 2.31 0.00	65.22 2.97 0.00
CH_MIDHUDSON___DRP 24192	62.65 3.09 0.00	52.59 2.50 0.00	52.17 2.31 0.00	50.94 2.14 0.00	52.81 2.31 0.00	85.09 3.84 0.00	79.90 3.81 0.00	96.53 5.82 0.07	70.48 4.26 0.00	78.47 4.73 0.05	60.54 3.26 0.00	58.59 3.33 0.00	72.56 4.07 0.00	71.24 4.04 0.04	64.39 3.62 0.01	63.14 3.67 0.00	70.13 4.63 0.21	78.51 5.60 0.00	67.66 4.57 0.04	60.69 3.81 0.03	54.50 3.52 0.01	53.76 3.35 0.00	49.92 3.13 0.00	66.22 3.97 0.00
CH_MISC_IPPS 23765	62.88 3.32 0.00	52.76 2.67 0.00	52.35 2.49 0.00	51.12 2.33 0.00	53.00 2.50 0.00	85.44 4.20 0.00	80.27 4.19 0.00	97.00 6.29 0.07	70.82 4.60 0.00	78.85 5.11 0.05	60.86 3.59 0.00	58.90 3.63 0.00	72.94 4.45 0.00	71.62 4.41 0.05	64.72 3.95 0.01	63.48 4.01 0.00	70.56 5.06 0.22	78.99 6.08 0.00	68.05 4.97 0.04	61.03 4.15 0.03	54.80 3.82 0.01	54.01 3.60 0.00	50.13 3.35 0.00	66.48 4.23 0.00
CH_RES_BVR_FALLS 23983	58.90 -0.65 0.00	49.69 -0.41 0.00	49.60 -0.26 0.00	48.63 -0.16 0.00	50.36 -0.14 0.00	80.92 -0.33 0.00	75.76 -0.33 0.00	89.91 -0.86 0.00	65.45 -0.77 0.00	73.17 -0.62 0.00	56.94 -0.33 0.00	54.78 -0.49 0.00	67.91 -0.58 0.00	66.69 -0.56 0.00	60.36 -0.42 0.00	58.90 -0.56 0.00	64.56 -1.16 0.00	71.13 -1.79 0.00	61.66 -1.46 0.00	55.68 -1.23 0.00	49.83 -1.16 0.00	36.62 -1.15 12.64	43.25 -1.08 2.46	58.22 -1.38 2.66
CH_RES_NIAGARA 23895	54.92 -4.64 0.00	46.31 -3.78 0.00	45.95 -3.92 0.00	45.15 -3.65 0.00	46.58 -3.93 0.00	74.57 -6.68 0.00	69.21 -6.88 0.00	76.97 -10.48 3.33	59.19 -7.03 0.00	62.89 -8.48 2.41	51.03 -6.24 0.00	48.51 -6.75 0.00	60.04 -8.45 0.00	48.49 -8.32 10.44	42.65 -7.43 10.71	40.95 -7.11 11.40	31.95 -8.18 25.59	50.98 -8.07 13.86	38.49 -7.33 17.30	34.69 -6.71 15.51	32.28 -5.96 12.74	31.31 -5.69 13.42	39.53 -5.08 2.17	55.77 -6.48 0.00
CH_RES_SYRACUSE 23985	58.56 -1.00 0.00	49.20 -0.89 0.00	48.95 -0.91 0.00	47.93 -0.87 0.00	49.65 -0.86 0.00	79.99 -1.25 0.00	75.11 -0.98 0.00	89.87 -0.90 0.00	66.36 0.15 0.00	72.71 -1.08 0.00	56.17 -1.11 0.00	54.11 -1.16 0.00	67.03 -1.47 0.00	65.81 -1.44 0.00	59.58 -1.20 0.00	58.38 -1.08 0.00	64.72 -1.00 0.00	72.14 -0.78 0.00	62.30 -0.82 0.00	56.07 -0.84 0.00	50.18 -0.81 0.00	49.58 -0.82 0.00	45.97 -0.82 0.00	61.02 -1.23 0.00
CLINTON_WT_PWR 323605	60.65 1.09 0.00	51.01 0.92 0.00	50.99 1.12 0.00	49.80 1.00 0.00	51.33 0.82 0.00	82.47 1.22 0.00	77.27 1.18 0.00	91.27 0.49 0.00	66.50 0.29 0.00	74.53 0.74 0.00	58.45 1.18 0.00	56.43 1.16 0.00	70.29 1.80 0.00	68.73 1.48 0.00	62.23 1.45 0.00	60.50 1.04 0.00	65.63 -0.09 0.00	71.82 -1.09 0.00	62.72 -0.41 0.00	56.53 -0.38 0.00	50.16 -0.83 0.00	40.87 -1.43 8.11	43.44 -1.76 1.59	-9.90 -2.72 69.43
CLINTON___LFGE 323618	61.42 1.86 0.00	51.63 1.54 0.00	51.64 1.77 0.00	50.42 1.63 0.00	52.01 1.50 0.00	83.49 2.25 0.00	78.33 2.24 0.00	92.67 1.89 0.00	67.63 1.41 0.00	75.73 1.94 0.00	59.25 1.98 0.00	57.21 1.94 0.00	71.29 2.80 0.00	69.73 2.48 0.00	63.10 2.33 0.00	61.31 1.85 0.00	66.60 0.88 0.00	72.92 0.00 0.00	63.60 0.47 0.00	57.37 0.46 0.00	50.95 -0.04 0.00	41.72 -0.69 8.00	44.12 -1.11 1.56	-10.42 -1.85 70.83
COBBLENY_34_KV_TB1 80064	56.67 -2.88 0.00	47.72 -2.38 0.00	47.34 -2.53 0.00	46.49 -2.30 0.00	48.07 -2.45 0.00	77.13 -4.12 0.00	71.92 -4.17 0.00	81.77 -6.23 2.78	62.07 -4.15 0.00	66.55 -5.22 2.02	53.39 -3.88 0.00	50.83 -4.44 0.00	62.92 -5.57 0.00	51.13 -5.43 10.69	44.54 -4.85 11.38	42.53 -4.73 12.21	35.18 -5.48 25.07	53.31 -4.75 14.85	40.51 -4.58 18.03	36.27 -4.34 16.30	33.30 -4.10 13.59	32.07 -3.97 14.37	40.90 -3.56 2.32	57.75 -4.50 0.00
COFFEEN___115KV_TB3 355620	58.55 -1.01 0.00	49.15 -0.94 0.00	49.16 -0.71 0.00	48.53 -0.26 0.00	50.70 0.19 0.00	82.05 0.80 0.00	78.04 1.95 0.00	93.17 2.39 0.00	66.61 0.39 0.00	73.68 -0.11 0.00	57.11 -0.16 0.00	54.40 -0.87 0.00	67.32 -1.17 0.00	64.80 -2.45 0.00	59.24 -1.54 0.00	59.15 -0.31 0.00	65.97 0.26 0.00	73.06 0.15 0.00	62.86 -0.27 0.00	56.25 -0.66 0.00	50.31 -0.68 0.00	48.71 -0.95 0.74	45.05 -1.59 0.14	71.40 -2.84 -11.98
COLDSPRG_115KV_BK1 355956	58.04 -1.52 0.00	48.81 -1.28 0.00	48.43 -1.44 0.00	47.54 -1.26 0.00	49.28 -1.23 0.00	79.28 -1.97 0.00	73.99 -2.10 0.00	85.08 -3.13 2.56	63.79 -2.43 0.00	68.45 -3.47 1.87	54.84 -2.44 0.00	52.37 -2.89 0.00	64.66 -3.83 0.00	56.64 -3.62 6.98	50.46 -3.39 6.93	48.51 -3.63 7.33	43.61 -4.34 17.77	60.58 -3.42 8.91	48.18 -3.54 11.40	43.32 -3.46 10.13	39.40 -3.37 8.22	38.52 -3.28 8.61	42.40 -2.99 1.39	58.58 -3.67 0.00
COLONIE_LFGE___ 323577	61.87 2.31 0.00	51.95 1.86 0.00	51.65 1.78 0.00	50.49 1.69 0.00	52.24 1.73 0.00	84.32 3.07 0.00	79.19 3.10 0.00	95.19 4.42 0.00	69.57 3.35 0.00	77.42 3.63 0.00	59.78 2.50 0.00	57.85 2.58 0.00	71.58 3.08 0.00	70.19 2.94 0.00	63.57 2.79 0.00	62.27 2.80 0.00	69.18 3.46 0.00	77.03 4.12 0.00	66.51 3.38 0.00	59.77 2.86 0.00	53.62 2.63 0.00	52.84 2.43 0.00	49.12 2.33 0.00	65.20 2.95 0.00
COOPERNY_115KV_TB1 80082	60.96 1.40 0.00	51.19 1.10 0.00	50.85 0.99 0.00	49.69 0.90 0.00	51.51 1.00 0.00	82.99 1.75 0.00	77.84 1.75 0.00	93.84 3.17 0.10	68.50 2.28 0.00	76.23 2.51 0.07	58.91 1.63 0.00	57.01 1.75 0.00	70.61 2.11 0.00	69.31 2.12 0.06	62.67 1.90 0.01	61.41 1.95 0.00	68.03 2.62 0.31	76.06 3.14 0.00	65.48 2.41 0.05	58.81 1.94 0.03	52.81 1.83 0.01	52.09 1.68 0.00	48.36 1.58 0.00	64.32 2.07 0.00
COPENHAGEN_WT_PWR 323753	57.39 -2.17 0.00	48.19 -1.90 0.00	48.26 -1.60 0.00	47.67 -1.12 0.00	49.83 -0.68 0.00	80.61 -0.64 0.00	76.57 0.48 0.00	91.27 0.50 0.00	65.04 -1.18 0.00	72.06 -1.73 0.00	56.08 -1.20 0.00	53.62 -1.65 0.00	66.25 -2.24 0.00	63.81 -3.44 0.00	58.26 -2.51 0.00	58.20 -1.26 0.00	64.79 -0.93 0.00	71.56 -1.35 0.00	61.43 -1.69 0.00	54.98 -1.94 0.00	49.18 -1.81 0.00	47.69 -2.02 0.70	44.14 -2.52 0.13	69.62 -3.97 -11.33
CORNELL_____ 23752	59.83 0.27 0.00	50.23 0.14 0.00	50.00 0.13 0.00	48.90 0.11 0.00	50.73 0.23 0.00	81.86 0.61 0.00	76.87 0.78 0.00	91.68 1.04 0.14	67.36 1.14 0.00	74.43 0.74 0.11	57.48 0.21 0.00	55.36 0.09 0.00	68.54 0.05 0.00	67.29 0.13 0.09	60.94 0.17 0.02	59.74 0.28 0.00	65.87 0.60 0.44	74.38 1.46 0.00	64.04 1.03 0.11	57.53 0.69 0.07	51.56 0.58 0.01	50.86 0.45 0.00	47.05 0.26 0.00	62.45 0.19 0.00

CORONA V_69_KV_TB1 355595	63.12 3.57 0.00	53.01 2.92 0.00	52.45 2.59 0.00	51.24 2.45 0.00	53.17 2.66 0.00	85.77 4.52 0.00	80.60 4.51 0.00	97.68 6.97 0.07	71.11 4.89 0.00	79.14 5.40 0.05	61.45 3.93 -0.24	59.22 3.95 0.00	73.31 4.81 0.00	72.01 4.81 0.05	65.02 4.25 0.01	63.67 4.21 0.00	71.72 5.29 -0.71	79.25 6.34 0.00	68.25 5.17 0.04	61.27 4.38 0.03	55.15 4.16 0.01	54.49 4.08 0.00	50.56 3.77 0.00	67.02 4.76 0.00
CORTLAND_115KV_TB3 80093	59.35 -0.20 0.00	49.86 -0.23 0.00	49.64 -0.23 0.00	48.56 -0.24 0.00	50.38 -0.13 0.00	81.24 0.00 0.00	76.24 0.15 0.00	91.26 0.60 0.11	66.89 0.68 0.00	74.13 0.43 0.08	57.35 0.07 0.00	55.23 -0.04 0.00	68.41 -0.08 0.00	67.06 -0.11 0.07	60.75 -0.02 0.01	59.55 0.09 0.00	65.70 0.34 0.36	73.68 0.77 0.00	63.54 0.50 0.08	57.10 0.24 0.05	51.15 0.17 0.01	50.49 0.08 0.00	46.75 -0.04 0.00	62.07 -0.18 0.00
COXSACKIE___GT 23611	64.21 4.65 0.00	53.88 3.79 0.00	53.59 3.72 0.00	52.43 3.64 0.00	54.30 3.80 0.00	87.64 6.40 0.00	82.95 6.86 0.00	100.45 9.68 0.00	73.55 7.33 0.00	81.66 7.87 0.00	63.08 5.81 0.00	60.73 5.46 0.00	74.94 6.45 0.00	73.65 6.40 0.00	66.73 5.94 0.00	65.67 6.21 0.00	73.08 7.36 0.00	80.61 7.70 0.00	69.33 6.20 0.00	62.10 5.19 0.00	55.56 4.57 0.00	54.69 4.29 0.00	50.78 4.00 0.00	67.20 4.95 0.00
CPV_VALLEY___CC1 323721	61.13 1.57 0.00	51.31 1.22 0.00	50.94 1.07 0.00	49.75 0.96 0.00	51.58 1.08 0.00	83.13 1.89 0.00	78.01 1.92 0.00	94.10 3.40 0.08	68.62 2.41 0.00	76.38 2.65 0.06	58.98 1.71 0.00	57.08 1.82 0.00	70.70 2.21 0.00	69.42 2.22 0.05	62.73 1.96 0.01	61.51 2.05 0.00	68.30 2.82 0.24	76.40 3.49 0.00	65.85 2.77 0.05	59.11 2.23 0.03	53.10 2.11 0.01	52.37 1.96 0.00	48.64 1.86 0.00	64.71 2.46 0.00
CPV_VALLEY___CC2 323722	61.13 1.57 0.00	51.31 1.22 0.00	50.94 1.07 0.00	49.75 0.96 0.00	51.58 1.08 0.00	83.13 1.89 0.00	78.01 1.92 0.00	94.10 3.40 0.08	68.62 2.41 0.00	76.38 2.65 0.06	58.98 1.71 0.00	57.08 1.82 0.00	70.70 2.21 0.00	69.42 2.22 0.05	62.73 1.96 0.01	61.51 2.05 0.00	68.30 2.82 0.24	76.40 3.49 0.00	65.85 2.77 0.05	59.11 2.23 0.03	53.10 2.11 0.01	52.37 1.96 0.00	48.64 1.86 0.00	64.71 2.46 0.00
CRESCENT___HYD 24018	61.87 2.31 0.00	51.95 1.86 0.00	51.65 1.78 0.00	50.49 1.69 0.00	52.24 1.73 0.00	84.32 3.07 0.00	79.19 3.10 0.00	95.19 4.42 0.00	69.57 3.35 0.00	77.42 3.63 0.00	59.78 2.50 0.00	57.85 2.58 0.00	71.58 3.08 0.00	70.19 2.94 0.00	63.57 2.79 0.00	62.27 2.80 0.00	69.18 3.46 0.00	77.03 4.12 0.00	66.51 3.38 0.00	59.77 2.86 0.00	53.62 2.63 0.00	52.84 2.43 0.00	49.12 2.33 0.00	65.20 2.95 0.00
CRICKET___VALLEY_CC1 323756	62.09 2.53 0.00	52.14 2.05 0.00	51.75 1.88 0.00	50.50 1.71 0.00	52.31 1.81 0.00	84.27 3.03 0.00	78.97 2.88 0.00	95.35 4.58 0.00	69.58 3.37 0.00	77.39 3.64 0.05	59.63 2.35 0.00	57.72 2.45 0.00	71.49 3.00 0.00	70.14 2.93 0.04	63.46 2.68 0.01	62.22 2.76 0.00	69.10 3.59 0.20	77.29 4.37 0.00	66.66 3.53 0.00	59.80 2.89 0.00	53.71 2.72 0.00	53.05 2.64 0.00	49.37 2.59 0.00	65.52 3.27 0.00
CRICKET___VALLEY_CC2 323757	62.09 2.53 0.00	52.14 2.05 0.00	51.75 1.88 0.00	50.50 1.71 0.00	52.31 1.81 0.00	84.27 3.03 0.00	78.97 2.88 0.00	95.35 4.58 0.00	69.58 3.37 0.00	77.39 3.64 0.05	59.63 2.35 0.00	57.72 2.45 0.00	71.49 3.00 0.00	70.14 2.93 0.04	63.46 2.68 0.01	62.22 2.76 0.00	69.10 3.59 0.20	77.29 4.37 0.00	66.66 3.53 0.00	59.80 2.89 0.00	53.71 2.72 0.00	53.05 2.64 0.00	49.37 2.59 0.00	65.52 3.27 0.00
CRICKET___VALLEY_CC3 323758	62.09 2.53 0.00	52.14 2.05 0.00	51.75 1.88 0.00	50.50 1.71 0.00	52.31 1.81 0.00	84.27 3.03 0.00	78.97 2.88 0.00	95.35 4.58 0.00	69.58 3.37 0.00	77.39 3.64 0.05	59.63 2.35 0.00	57.72 2.45 0.00	71.49 3.00 0.00	70.14 2.93 0.04	63.46 2.68 0.01	62.22 2.76 0.00	69.10 3.59 0.20	77.29 4.37 0.00	66.66 3.53 0.00	59.80 2.89 0.00	53.71 2.72 0.00	53.05 2.64 0.00	49.37 2.59 0.00	65.52 3.27 0.00
CRUCIBLE_METL_DRP 24180	58.56 -1.00 0.00	49.20 -0.89 0.00	48.95 -0.92 0.00	47.93 -0.87 0.00	49.65 -0.86 0.00	79.99 -1.26 0.00	75.12 -0.97 0.00	89.88 -0.90 0.00	66.36 0.14 0.00	72.71 -1.08 0.00	56.17 -1.10 0.00	54.11 -1.15 0.00	67.03 -1.46 0.00	65.80 -1.45 0.00	59.58 -1.20 0.00	58.38 -1.08 0.00	64.73 -0.98 0.00	72.14 -0.78 0.00	62.30 -0.82 0.00	56.07 -0.84 0.00	50.18 -0.81 0.00	49.59 -0.82 0.00	45.98 -0.82 0.00	61.03 -1.23 0.00
DAHOWA___HYDRO 323763	62.12 2.56 0.00	52.14 2.05 0.00	51.85 1.98 0.00	50.66 1.87 0.00	52.43 1.92 0.00	84.88 3.63 0.00	80.21 4.12 0.00	96.72 5.94 0.00	70.73 4.51 0.00	78.64 4.85 0.00	60.59 3.32 0.00	58.68 3.42 0.00	72.53 4.04 0.00	70.95 3.70 0.00	64.34 3.56 0.00	62.91 3.45 0.00	70.05 4.33 0.00	78.00 5.09 0.00	67.34 4.21 0.00	60.52 3.61 0.00	54.23 3.24 0.00	53.33 2.92 0.00	49.41 2.62 0.00	65.49 3.24 0.00
DANC___LFGE 323619	57.37 -2.19 0.00	48.19 -1.90 0.00	48.13 -1.74 0.00	47.38 -1.41 0.00	49.36 -1.15 0.00	79.72 -1.53 0.00	75.40 -0.69 0.00	89.99 -0.78 0.00	64.72 -1.50 0.00	71.76 -2.03 0.00	55.69 -1.58 0.00	53.38 -1.89 0.00	66.02 -2.47 0.00	64.05 -3.20 0.00	58.30 -2.48 0.00	57.82 -1.64 0.00	64.28 -1.44 0.00	71.24 -1.67 0.00	61.34 -1.78 0.00	55.00 -1.91 0.00	49.23 -1.76 0.00	48.05 -1.90 0.46	44.50 -2.19 0.09	66.68 -3.35 -7.78
DANSKAMMER___1 23586	62.88 3.32 0.00	52.76 2.67 0.00	52.35 2.49 0.00	51.12 2.33 0.00	53.00 2.50 0.00	85.44 4.20 0.00	80.27 4.19 0.00	97.00 6.29 0.07	70.82 4.60 0.00	78.85 5.11 0.05	60.86 3.59 0.00	58.90 3.63 0.00	72.94 4.45 0.00	71.62 4.41 0.05	64.72 3.95 0.01	63.48 4.01 0.00	70.56 5.06 0.22	78.99 6.08 0.00	68.05 4.97 0.04	61.03 4.15 0.03	54.80 3.82 0.01	54.01 3.60 0.00	50.13 3.35 0.00	66.48 4.23 0.00
DANSKAMMER___2 23589	62.88 3.32 0.00	52.76 2.67 0.00	52.35 2.49 0.00	51.12 2.33 0.00	53.00 2.50 0.00	85.44 4.20 0.00	80.27 4.19 0.00	97.00 6.29 0.07	70.82 4.60 0.00	78.85 5.11 0.05	60.86 3.59 0.00	58.90 3.63 0.00	72.94 4.45 0.00	71.62 4.41 0.05	64.72 3.95 0.01	63.48 4.01 0.00	70.56 5.06 0.22	78.99 6.08 0.00	68.05 4.97 0.04	61.03 4.15 0.03	54.80 3.82 0.01	54.01 3.60 0.00	50.13 3.35 0.00	66.48 4.23 0.00
DANSKAMMER___3 23590	62.88 3.32 0.00	52.76 2.67 0.00	52.35 2.49 0.00	51.12 2.33 0.00	53.00 2.50 0.00	85.44 4.20 0.00	80.27 4.19 0.00	97.00 6.29 0.07	70.82 4.60 0.00	78.85 5.11 0.05	60.86 3.59 0.00	58.90 3.63 0.00	72.94 4.45 0.00	71.62 4.41 0.05	64.72 3.95 0.01	63.48 4.01 0.00	70.56 5.06 0.22	78.99 6.08 0.00	68.05 4.97 0.04	61.03 4.15 0.03	54.80 3.82 0.01	54.01 3.60 0.00	50.13 3.35 0.00	66.48 4.23 0.00

DANSKAMMER___4 23591	62.88 3.32 0.00	52.76 2.67 0.00	52.35 2.49 0.00	51.12 2.33 0.00	53.00 2.50 0.00	85.44 4.20 0.00	80.27 4.19 0.00	97.00 6.29 0.07	70.82 4.60 0.00	78.85 5.11 0.05	60.86 3.59 0.00	58.90 3.63 0.00	72.94 4.45 0.00	71.62 4.41 0.05	64.72 3.95 0.01	63.48 4.01 0.00	70.56 5.06 0.22	78.99 6.08 0.00	68.05 4.97 0.04	61.03 4.15 0.03	54.80 3.82 0.01	54.01 3.60 0.00	50.13 3.35 0.00	66.48 4.23 0.00
DANSKAMMER___DIESEL 23592	62.89 3.33 0.00	52.77 2.68 0.00	52.35 2.49 0.00	51.12 2.33 0.00	53.00 2.50 0.00	85.45 4.20 0.00	80.28 4.19 0.00	97.01 6.30 0.07	70.82 4.61 0.00	78.85 5.11 0.05	60.85 3.58 0.00	58.90 3.63 0.00	72.94 4.45 0.00	71.63 4.43 0.05	64.73 3.96 0.01	63.48 4.02 0.00	70.52 5.02 0.22	78.99 6.08 0.00	68.05 4.97 0.04	61.03 4.15 0.03	54.80 3.82 0.01	54.01 3.60 0.00	50.13 3.35 0.00	66.48 4.23 0.00
DARBY___SOLAR 323810	62.10 2.54 0.00	52.13 2.04 0.00	51.84 1.97 0.00	50.66 1.87 0.00	52.43 1.92 0.00	84.83 3.59 0.00	80.09 4.00 0.00	96.55 5.77 0.00	70.59 4.37 0.00	78.50 4.71 0.00	60.50 3.23 0.00	58.60 3.34 0.00	72.41 3.92 0.00	70.88 3.63 0.00	64.26 3.48 0.00	62.86 3.40 0.00	69.95 4.24 0.00	77.91 5.00 0.00	67.25 4.12 0.00	60.44 3.53 0.00	54.16 3.17 0.00	53.28 2.88 0.00	49.39 2.61 0.00	65.50 3.24 0.00
DASHVILLE___HYD 23610	63.40 3.84 0.00	53.18 3.09 0.00	52.74 2.87 0.00	51.50 2.71 0.00	53.39 2.88 0.00	86.11 4.86 0.00	81.12 5.03 0.00	98.23 7.52 0.07	71.78 5.57 0.00	79.95 6.21 0.05	61.70 4.43 0.00	59.69 4.42 0.00	73.92 5.42 0.00	72.60 5.39 0.05	65.59 4.82 0.01	64.34 4.87 0.00	71.53 6.03 0.22	80.05 7.13 0.00	68.99 5.86 0.00	61.82 4.91 0.00	55.45 4.47 0.00	54.59 4.19 0.00	50.60 3.81 0.00	67.04 4.78 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	65.07 5.51 0.00	54.57 4.48 0.00	53.89 4.03 0.00	52.59 3.80 0.00	54.44 3.94 0.00	87.98 6.73 0.00	82.65 6.56 0.00	100.49 9.78 0.07	72.97 6.75 0.00	81.11 7.37 0.05	63.50 5.21 -1.01	60.27 5.01 0.00	74.89 6.40 0.00	73.39 6.19 0.05	65.77 4.99 0.01	64.17 4.71 0.00	72.18 6.15 -0.30	80.04 7.12 0.00	68.81 5.73 0.04	61.66 4.78 0.03	55.37 4.39 0.01	54.75 4.34 0.00	50.57 3.79 0.00	66.76 4.51 0.00
DELAWARE___LFGE 323621	60.76 1.20 0.00	51.06 0.97 0.00	50.88 1.01 0.00	49.73 0.94 0.00	51.56 1.05 0.00	82.99 1.74 0.00	77.86 1.77 0.00	93.17 2.60 0.21	68.14 1.92 0.00	75.66 2.03 0.15	58.61 1.34 0.00	56.58 1.31 0.00	70.07 1.58 0.00	68.70 1.58 0.13	62.22 1.46 0.02	60.95 1.49 0.00	66.95 1.88 0.64	75.15 2.23 0.00	64.85 1.86 0.14	58.34 1.51 0.09	52.36 1.38 0.02	51.66 1.26 0.00	47.90 1.11 0.00	63.71 1.46 0.00
DERFIELD_115KV_TB7 355931	59.66 0.10 0.00	50.15 0.05 0.00	49.92 0.06 0.00	48.85 0.06 0.00	50.60 0.09 0.00	81.43 0.18 0.00	76.25 0.16 0.00	91.16 0.39 0.00	66.50 0.28 0.00	74.15 0.36 0.00	57.45 0.17 0.00	55.43 0.17 0.00	68.67 0.18 0.00	67.45 0.19 0.00	60.97 0.19 0.00	59.70 0.24 0.00	66.05 0.33 0.00	73.32 0.40 0.00	63.42 0.29 0.00	57.08 0.17 0.00	51.18 0.19 0.00	51.09 0.20 -0.48	47.07 0.19 -0.09	62.47 0.22 0.00
DOGLEVILLE___HYD 23807	60.09 0.53 0.00	50.38 0.29 0.00	50.14 0.27 0.00	48.99 0.19 0.00	50.82 0.32 0.00	81.99 0.75 0.00	76.84 0.75 0.00	92.98 2.21 0.00	68.03 1.81 0.00	75.75 1.95 0.00	58.18 0.90 0.00	56.08 0.82 0.00	69.55 1.06 0.00	68.48 1.23 0.00	61.84 1.06 0.00	60.84 1.37 0.00	67.58 1.86 0.00	75.11 2.19 0.00	64.77 1.65 0.00	58.11 1.20 0.00	52.14 1.16 0.00	51.87 0.98 -0.48	47.87 0.99 -0.09	63.20 0.95 0.00
DUNKIRK___115KV_TB_200 55889	56.34 -3.22 0.00	47.48 -2.61 0.00	47.12 -2.74 0.00	46.24 -2.55 0.00	47.80 -2.71 0.00	76.83 -4.42 0.00	71.76 -4.33 0.00	81.35 -6.57 2.86	61.74 -4.48 0.00	65.96 -5.75 2.08	52.95 -4.33 0.00	50.37 -4.90 0.00	62.17 -6.32 0.00	49.01 -6.31 11.93	42.26 -5.66 12.86	40.06 -5.58 13.82	31.89 -6.32 27.51	50.47 -5.63 16.81	37.48 -5.41 20.23	33.49 -5.08 18.34	30.83 -4.79 15.36	29.45 -4.69 16.27	39.92 -4.24 2.63	56.89 -5.36 0.00
DUNKIRK___1 23563	56.34 -3.22 0.00	47.48 -2.61 0.00	47.12 -2.74 0.00	46.24 -2.55 0.00	47.80 -2.71 0.00	76.83 -4.42 0.00	71.76 -4.33 0.00	81.35 -6.57 2.86	61.74 -4.48 0.00	65.96 -5.75 2.08	52.95 -4.33 0.00	50.37 -4.90 0.00	62.17 -6.32 0.00	49.01 -6.31 11.93	42.26 -5.66 12.86	40.06 -5.58 13.82	31.89 -6.32 27.51	50.47 -5.63 16.81	37.48 -5.41 20.23	33.49 -5.08 18.34	30.83 -4.79 15.36	29.45 -4.69 16.27	39.92 -4.24 2.63	56.89 -5.36 0.00
DUNKIRK___2 23564	56.34 -3.22 0.00	47.48 -2.61 0.00	47.12 -2.74 0.00	46.24 -2.55 0.00	47.80 -2.71 0.00	76.83 -4.42 0.00	71.76 -4.33 0.00	81.35 -6.57 2.86	61.74 -4.48 0.00	65.96 -5.75 2.08	52.95 -4.33 0.00	50.37 -4.90 0.00	62.17 -6.32 0.00	49.01 -6.31 11.93	42.26 -5.66 12.86	40.06 -5.58 13.82	31.89 -6.32 27.51	50.47 -5.63 16.81	37.48 -5.41 20.23	33.49 -5.08 18.34	30.83 -4.79 15.36	29.45 -4.69 16.27	39.92 -4.24 2.63	56.89 -5.36 0.00
DUNKIRK___3 23565	56.23 -3.33 0.00	47.38 -2.71 0.00	47.02 -2.85 0.00	46.17 -2.63 0.00	47.73 -2.77 0.00	76.67 -4.57 0.00	71.54 -4.55 0.00	81.11 -6.75 2.92	61.61 -4.61 0.00	65.83 -5.83 2.13	52.87 -4.40 0.00	50.33 -4.93 0.00	62.17 -6.32 0.00	47.98 -6.26 13.00	41.02 -5.62 14.15	38.69 -5.54 15.23	29.79 -6.31 29.63	48.72 -5.66 18.53	35.56 -5.41 22.15	31.70 -5.08 20.13	29.29 -4.78 16.92	27.82 -4.65 17.93	39.67 -4.22 2.90	56.91 -5.34 0.00
DUNKIRK___4 23566	56.23 -3.33 0.00	47.38 -2.71 0.00	47.02 -2.85 0.00	46.17 -2.63 0.00	47.73 -2.77 0.00	76.67 -4.57 0.00	71.54 -4.55 0.00	81.11 -6.75 2.92	61.61 -4.61 0.00	65.83 -5.83 2.13	52.87 -4.40 0.00	50.33 -4.93 0.00	62.17 -6.32 0.00	47.98 -6.26 13.00	41.02 -5.62 14.15	38.69 -5.54 15.23	29.79 -6.31 29.63	48.72 -5.66 18.53	35.56 -5.41 22.15	31.70 -5.08 20.13	29.29 -4.78 16.92	27.82 -4.65 17.93	39.67 -4.22 2.90	56.91 -5.34 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	62.30 2.74 0.00	52.30 2.21 0.00	51.86 1.99 0.00	50.64 1.84 0.00	52.47 1.96 0.00	84.55 3.30 0.00	79.45 3.36 0.00	96.06 5.35 0.07	70.06 3.84 0.00	78.02 4.28 0.05	60.20 2.92 0.00	58.32 3.06 0.00	72.21 3.72 0.00	70.93 3.72 0.05	64.08 3.31 0.01	62.83 3.37 0.00	69.79 4.29 0.22	78.15 5.23 0.00	67.30 4.22 0.04	60.36 3.48 0.03	54.28 3.29 0.01	53.53 3.13 0.00	49.73 2.95 0.00	66.01 3.76 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	62.28 2.72 0.00	52.26 2.17 0.00	51.86 1.99 0.00	50.64 1.84 0.00	52.50 2.00 0.00	84.64 3.39 0.00	79.52 3.43 0.00	96.07 5.37 0.07	70.09 3.87 0.00	78.03 4.29 0.05	60.22 2.95 0.00	58.28 3.02 0.00	72.20 3.71 0.00	70.90 3.70 0.05	64.06 3.29 0.01	62.83 3.37 0.00	69.82 4.33 0.23	78.17 5.25 0.00	67.36 4.28 0.05	60.42 3.54 0.03	54.25 3.27 0.01	53.48 3.07 0.00	49.65 2.86 0.00	65.88 3.63 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	62.32 2.76 0.00	52.34 2.25 0.00	51.89 2.02 0.00	50.67 1.87 0.00	52.48 1.97 0.00	84.61 3.37 0.00	79.59 3.50 0.00	96.22 5.51 0.07	70.20 3.98 0.00	78.14 4.40 0.05	60.29 3.01 0.00	58.42 3.15 0.00	72.33 3.84 0.00	71.06 3.85 0.05	64.18 3.41 0.01	62.89 3.43 0.00	69.87 4.36 0.22	78.25 5.34 0.00	67.35 4.27 0.04	60.48 3.59 0.03	54.39 3.40 0.01	53.63 3.22 0.00	49.85 3.06 0.00	66.20 3.95 0.00
E179THST_13_KV_LOAD 356214	62.57 3.01 0.00	52.55 2.46 0.00	52.09 2.23 0.00	50.86 2.07 0.00	52.68 2.17 0.00	84.95 3.70 0.00	79.94 3.85 0.00	96.65 5.94 0.07	70.54 4.32 0.00	78.50 4.77 0.05	60.58 3.31 0.00	58.69 3.43 0.00	72.67 4.19 0.00	71.39 4.19 0.05	64.49 3.72 0.01	63.20 3.73 0.00	70.20 4.69 0.22	78.64 5.73 0.00	67.69 4.60 0.04	60.79 3.90 0.03	54.65 3.67 0.01	53.88 3.47 0.00	50.05 3.27 0.00	66.45 4.20 0.00
EAST HAMPTON___GT 23717	65.53 5.97 0.00	55.03 4.94 0.00	54.37 4.50 0.00	53.01 4.22 0.00	54.77 4.26 0.00	88.48 7.23 0.00	83.08 6.99 0.00	101.07 10.36 0.07	73.25 7.03 0.00	81.34 7.61 0.05	63.93 5.64 -1.01	60.58 5.31 0.00	75.15 6.66 0.00	73.19 5.99 0.05	65.07 4.29 0.01	63.28 3.82 0.00	71.35 5.33 -0.30	78.95 6.04 0.00	67.81 4.72 0.04	60.72 3.83 0.03	54.47 3.49 0.01	53.82 3.41 0.00	49.70 2.91 0.00	65.51 3.26 0.00
EAST RIVER___6 23660	62.27 2.71 0.00	52.30 2.21 0.00	51.85 1.98 0.00	50.62 1.82 0.00	52.46 1.96 0.00	84.48 3.23 0.00	79.45 3.36 0.00	96.13 5.42 0.07	70.20 3.99 0.00	78.23 4.50 0.05	60.36 3.08 0.00	58.52 3.26 0.00	72.43 3.94 0.00	71.14 3.93 0.05	64.27 3.49 0.01	63.03 3.57 0.00	70.09 4.59 0.22	78.40 5.49 0.00	67.49 4.41 0.04	60.50 3.61 0.03	54.39 3.41 0.01	53.65 3.24 0.00	49.82 3.04 0.00	66.21 3.95 0.00
EAST RIVER___7 23524	62.27 2.71 0.00	52.30 2.21 0.00	51.85 1.98 0.00	50.62 1.82 0.00	52.46 1.96 0.00	84.48 3.23 0.00	79.45 3.36 0.00	96.13 5.42 0.07	70.20 3.99 0.00	78.23 4.50 0.05	60.36 3.08 0.00	58.52 3.26 0.00	72.43 3.94 0.00	71.14 3.93 0.05	64.27 3.49 0.01	63.03 3.57 0.00	70.09 4.59 0.22	78.40 5.49 0.00	67.49 4.41 0.04	60.50 3.61 0.03	54.39 3.41 0.01	53.65 3.24 0.00	49.82 3.04 0.00	66.21 3.95 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	62.20 2.64 0.00	52.21 2.12 0.00	51.77 1.90 0.00	50.54 1.75 0.00	52.39 1.88 0.00	84.44 3.20 0.00	79.30 3.22 0.00	95.88 5.17 0.07	69.93 3.71 0.00	77.85 4.11 0.05	60.08 2.80 0.00	58.18 2.92 0.00	72.05 3.56 0.00	70.77 3.57 0.05	63.93 3.16 0.01	62.70 3.24 0.00	69.66 4.16 0.22	78.00 5.09 0.00	67.18 4.10 0.04	60.26 3.38 0.03	54.16 3.18 0.01	53.42 3.01 0.00	49.63 2.85 0.00	65.90 3.64 0.00
EAST_HAMPTON___DIESEL 23722	65.50 5.94 0.00	55.03 4.94 0.00	54.36 4.49 0.00	53.00 4.21 0.00	54.74 4.24 0.00	88.41 7.17 0.00	83.03 6.94 0.00	101.00 10.29 0.07	73.19 6.97 0.00	81.27 7.53 0.05	63.90 5.61 -1.01	60.55 5.28 0.00	75.08 6.59 0.00	73.07 5.87 0.05	64.90 4.13 0.01	63.09 3.63 0.00	71.16 5.13 -0.30	78.69 5.78 0.00	67.59 4.51 0.04	60.52 3.64 0.03	54.31 3.32 0.01	53.65 3.25 0.00	49.52 2.74 0.00	65.29 3.03 0.00
EAST_POINT___SOLAR 323840	63.13 3.58 0.00	53.14 3.05 0.00	52.94 3.08 0.00	51.86 3.06 0.00	53.74 3.24 0.00	86.63 5.38 0.00	81.65 5.56 0.00	97.59 6.82 0.00	71.09 4.88 0.00	78.67 4.93 0.05	60.74 3.47 0.00	57.97 2.70 0.00	71.90 3.41 0.00	71.00 3.79 0.04	64.27 3.49 0.01	63.33 3.87 0.00	69.98 4.47 0.21	78.13 5.21 0.00	67.46 4.38 0.04	60.75 3.87 0.03	54.32 3.34 0.01	53.71 3.30 0.00	49.54 2.75 0.00	65.71 3.45 0.00
EAST_PULASKI___ESR 323781	57.47 -2.09 0.00	48.31 -1.79 0.00	48.12 -1.75 0.00	47.21 -1.58 0.00	49.03 -1.47 0.00	79.00 -2.24 0.00	74.39 -1.70 0.00	88.90 -1.87 0.00	64.47 -1.75 0.00	71.60 -2.19 0.00	55.41 -1.86 0.00	53.27 -2.00 0.00	65.94 -2.55 0.00	64.39 -2.86 0.00	58.48 -2.30 0.00	57.58 -1.88 0.00	63.94 -1.78 0.00	71.08 -1.84 0.00	61.36 -1.76 0.00	55.13 -1.78 0.00	49.37 -1.62 0.00	48.49 -1.70 0.22	44.96 -1.79 0.04	63.83 -2.62 -4.20
EAST_RIVER___1 323558	62.27 2.71 0.00	52.29 2.20 0.00	51.85 1.99 0.00	50.62 1.82 0.00	52.46 1.96 0.00	84.48 3.23 0.00	79.43 3.34 0.00	96.10 5.39 0.07	70.15 3.94 0.00	78.14 4.41 0.05	60.29 3.02 0.00	58.44 3.17 0.00	72.35 3.86 0.00	71.05 3.85 0.05	64.17 3.40 0.01	62.94 3.48 0.00	69.98 4.48 0.22	78.32 5.40 0.00	67.42 4.34 0.04	60.44 3.56 0.03	54.35 3.37 0.01	53.60 3.19 0.00	49.82 3.03 0.00	66.16 3.91 0.00
EAST_RIVER___2 323559	62.27 2.71 0.00	52.30 2.21 0.00	51.85 1.98 0.00	50.62 1.82 0.00	52.46 1.96 0.00	84.48 3.23 0.00	79.45 3.36 0.00	96.13 5.42 0.07	70.20 3.99 0.00	78.23 4.50 0.05	60.36 3.08 0.00	58.52 3.26 0.00	72.43 3.94 0.00	71.14 3.93 0.05	64.27 3.49 0.01	63.03 3.57 0.00	70.09 4.59 0.22	78.40 5.49 0.00	67.49 4.41 0.04	60.50 3.61 0.03	54.39 3.41 0.01	53.65 3.24 0.00	49.82 3.04 0.00	66.21 3.95 0.00
EAST___DELAWARE_HYD 23607	61.98 2.42 0.00	52.00 1.91 0.00	51.61 1.74 0.00	50.40 1.60 0.00	52.27 1.76 0.00	84.34 3.10 0.00	79.35 3.26 0.00	95.88 5.19 0.09	70.05 3.83 0.00	78.02 4.30 0.06	60.22 2.94 0.00	58.25 2.99 0.00	72.16 3.67 0.00	70.83 3.64 0.06	64.00 3.23 0.01	62.76 3.30 0.00	69.75 4.30 0.27	78.11 5.20 0.00	67.27 4.19 0.05	60.32 3.44 0.03	54.12 3.14 0.01	53.28 2.87 0.00	49.36 2.58 0.00	65.45 3.20 0.00
EIGHT_POINT___WT_PWR 323820	55.49 -4.07 0.00	46.46 -3.63 0.00	46.49 -3.37 0.00	45.57 -3.22 0.00	47.54 -2.97 0.00	77.34 -3.91 0.00	73.04 -3.05 0.00	85.60 -3.76 1.41	63.73 -2.49 0.00	69.30 -3.47 1.03	53.61 -3.66 0.00	51.24 -4.02 0.00	63.35 -5.14 0.00	94.64 -5.25 -32.64	97.13 -5.07 -41.42	99.65 -5.52 -45.71	118.22 -5.57 -58.07	122.82 -5.72 -55.63	117.62 -5.47 -59.96	107.84 -5.48 -56.41	96.06 -4.97 -50.04	99.30 -4.98 -53.88	50.74 -4.76 -8.71	55.74 -6.52 0.00
ELBRIDGE_115KV_TB2 80188	58.29 -1.27 0.00	48.99 -1.10 0.00	48.75 -1.12 0.00	47.72 -1.08 0.00	49.38 -1.13 0.00	79.61 -1.64 0.00	74.75 -1.34 0.00	89.44 -1.33 0.00	66.55 0.34 0.00	72.13 -1.66 0.00	55.70 -1.58 0.00	53.68 -1.59 0.00	66.48 -2.02 0.00	65.26 -1.99 0.00	59.09 -1.69 0.00	57.90 -1.56 0.00	64.20 -1.52 0.00	71.54 -1.37 0.00	61.75 -1.37 0.00	55.60 -1.31 0.00	49.73 -1.26 0.00	49.18 -1.23 0.00	45.63 -1.16 0.00	60.52 -1.73 0.00
ELEC_TRO_TEK 24086	62.86 3.30 0.00	52.74 2.65 0.00	52.19 2.32 0.00	50.98 2.19 0.00	52.88 2.38 0.00	85.28 4.03 0.00	80.15 4.06 0.00	97.16 6.45 0.07	70.73 4.51 0.00	78.74 5.00 0.05	61.34 3.69 -0.38	58.99 3.72 0.00	73.02 4.53 0.00	71.71 4.51 0.05	64.73 3.95 0.01	63.37 3.91 0.00	71.36 4.94 -0.70	78.82 5.91 0.00	67.86 4.78 0.04	60.92 4.03 0.03	54.82 3.84 0.01	54.17 3.76 0.00	50.26 3.47 0.00	66.68 4.43 0.00

ELLENBURG_WT_PWR 323604	60.65 1.09 0.00	51.01 0.92 0.00	50.99 1.12 0.00	49.80 1.00 0.00	51.33 0.82 0.00	82.47 1.22 0.00	77.27 1.18 0.00	91.27 0.49 0.00	66.50 0.29 0.00	74.53 0.74 0.00	58.45 1.18 0.00	56.43 1.16 0.00	70.29 1.80 0.00	68.73 1.48 0.00	62.23 1.45 0.00	60.50 1.04 0.00	65.63 -0.09 0.00	71.82 -1.09 0.00	62.72 -0.41 0.00	56.53 -0.38 0.00	50.16 -0.83 0.00	40.87 -1.43 8.11	43.44 -1.76 1.59	-9.90 -2.72 69.43
ELM_ST_23_KV_LD_REV_LBMP_A 345012	55.89 -3.67 0.00	47.10 -2.99 0.00	46.74 -3.13 0.00	45.91 -2.89 0.00	47.44 -3.07 0.00	76.08 -5.17 0.00	70.85 -5.24 0.00	79.96 -7.72 3.10	60.97 -5.25 0.00	65.16 -6.37 2.26	52.53 -4.74 0.00	50.00 -5.27 0.00	61.88 -6.61 0.00	47.52 -6.51 13.22	40.65 -5.83 14.30	38.41 -5.67 15.38	28.85 -6.51 30.36	48.23 -5.98 18.71	35.06 -5.60 22.46	31.30 -5.24 20.38	29.03 -4.87 17.09	27.60 -4.71 18.10	39.67 -4.19 2.93	56.93 -5.33 0.00
EMPIRE_CC_1 323656	61.93 2.37 0.00	52.01 1.92 0.00	51.71 1.84 0.00	50.54 1.74 0.00	52.30 1.79 0.00	84.32 3.07 0.00	78.91 2.82 0.00	94.83 4.05 0.00	69.29 3.08 0.00	77.11 3.32 0.00	59.54 2.27 0.00	57.62 2.35 0.00	71.34 2.84 0.00	70.01 2.76 0.00	63.38 2.61 0.00	62.10 2.64 0.00	68.96 3.24 0.00	76.77 3.86 0.00	66.27 3.14 0.00	59.56 2.65 0.00	53.46 2.47 0.00	52.73 2.32 0.00	49.10 2.31 0.00	65.21 2.95 0.00
EMPIRE_CC_2 323658	61.93 2.37 0.00	52.01 1.92 0.00	51.71 1.84 0.00	50.54 1.74 0.00	52.30 1.79 0.00	84.32 3.07 0.00	78.91 2.82 0.00	94.83 4.05 0.00	69.29 3.08 0.00	77.11 3.32 0.00	59.54 2.27 0.00	57.62 2.35 0.00	71.34 2.84 0.00	70.01 2.76 0.00	63.38 2.61 0.00	62.10 2.64 0.00	68.96 3.24 0.00	76.77 3.86 0.00	66.27 3.14 0.00	59.56 2.65 0.00	53.46 2.47 0.00	52.73 2.32 0.00	49.10 2.31 0.00	65.21 2.95 0.00
ENORWICH_115KV_TB1 80156	61.91 2.35 0.00	51.97 1.88 0.00	51.81 1.94 0.00	50.58 1.79 0.00	52.57 2.06 0.00	85.09 3.84 0.00	80.91 4.82 0.00	103.02 12.54 0.30	73.82 7.61 0.00	81.39 7.82 0.22	62.81 5.54 0.00	60.62 5.35 0.00	74.78 6.29 0.00	73.32 6.26 0.19	66.95 6.20 0.03	65.93 6.47 0.00	72.22 7.42 0.92	77.25 4.33 0.00	66.85 3.90 0.17	59.90 3.10 0.11	53.56 2.60 0.02	52.63 2.22 0.00	48.45 1.66 0.00	64.24 1.98 0.00
ERIE_ST__34_KV_TB1-2 80199	56.87 -2.68 0.00	47.85 -2.25 0.00	47.47 -2.40 0.00	46.61 -2.18 0.00	48.23 -2.28 0.00	77.39 -3.86 0.00	72.06 -4.03 0.00	82.11 -5.82 2.85	62.30 -3.91 0.00	66.80 -4.91 2.08	53.62 -3.65 0.00	51.19 -4.08 0.00	63.33 -5.17 0.00	50.94 -4.87 11.44	44.17 -4.34 12.26	42.05 -4.24 13.16	34.08 -5.04 26.60	52.64 -4.26 16.01	39.66 -4.11 19.35	35.50 -3.89 17.52	32.64 -3.71 14.64	31.34 -3.57 15.49	41.01 -3.27 2.51	58.07 -4.18 0.00
ERIE_WT_PWR 323693	56.21 -3.35 0.00	47.34 -2.75 0.00	46.99 -2.88 0.00	46.15 -2.64 0.00	47.74 -2.77 0.00	76.54 -4.70 0.00	71.35 -4.74 0.00	80.94 -6.92 2.91	61.56 -4.66 0.00	65.84 -5.82 2.13	52.96 -4.32 0.00	50.42 -4.84 0.00	62.38 -6.11 0.00	48.67 -5.92 12.66	41.79 -5.26 13.73	39.55 -5.14 14.77	30.55 -6.19 28.98	49.51 -5.44 17.96	36.42 -5.17 21.53	32.54 -4.83 19.55	30.04 -4.54 16.41	28.74 -4.28 17.39	40.00 -3.98 2.81	57.20 -5.05 0.00
ESPRGFLD_115KV_TB1 80157	61.24 1.68 0.00	51.58 1.49 0.00	51.44 1.58 0.00	50.38 1.58 0.00	52.24 1.73 0.00	84.04 2.80 0.00	79.11 3.02 0.00	94.37 3.71 0.11	68.98 2.76 0.00	76.62 2.91 0.08	59.49 2.22 0.00	57.13 1.87 0.00	70.75 2.26 0.00	69.61 2.43 0.07	62.96 2.19 0.01	61.66 2.20 0.00	67.76 2.39 0.34	75.33 2.41 0.00	64.98 1.93 0.07	58.56 1.70 0.04	52.44 1.46 0.01	51.82 1.41 0.00	47.86 1.07 0.00	63.62 1.37 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	59.74 0.18 0.00	50.16 0.07 0.00	49.90 0.03 0.00	48.82 0.03 0.00	50.64 0.13 0.00	81.72 0.48 0.00	76.72 0.63 0.00	91.50 0.86 0.14	67.23 1.01 0.00	74.27 0.59 0.11	57.37 0.09 0.00	55.26 0.00 0.00	68.43 -0.06 0.00	67.16 0.00 0.09	60.82 0.06 0.02	59.62 0.16 0.00	65.74 0.46 0.44	74.16 1.24 0.00	63.89 0.88 0.11	57.41 0.57 0.07	51.42 0.44 0.01	50.74 0.33 0.00	46.95 0.16 0.00	62.32 0.07 0.00
ETNA____115KV_TB2 80207	59.74 0.18 0.00	50.16 0.07 0.00	49.90 0.03 0.00	48.82 0.03 0.00	50.64 0.13 0.00	81.72 0.48 0.00	76.72 0.63 0.00	91.50 0.86 0.14	67.23 1.01 0.00	74.27 0.59 0.11	57.37 0.09 0.00	55.26 0.00 0.00	68.43 -0.06 0.00	67.16 0.00 0.09	60.82 0.06 0.02	59.62 0.16 0.00	65.74 0.46 0.44	74.16 1.24 0.00	63.89 0.88 0.11	57.41 0.57 0.07	51.42 0.44 0.01	50.74 0.33 0.00	46.95 0.16 0.00	62.32 0.07 0.00
EUCLID____115KV_TB2 356179	57.84 -1.72 0.00	48.63 -1.46 0.00	48.37 -1.49 0.00	47.37 -1.43 0.00	49.07 -1.44 0.00	78.99 -2.26 0.00	74.12 -1.97 0.00	88.59 -2.19 0.00	64.84 -1.38 0.00	71.93 -1.86 0.00	55.67 -1.60 0.00	53.62 -1.65 0.00	66.41 -2.09 0.00	65.17 -2.09 0.00	58.98 -1.80 0.00	57.78 -1.68 0.00	64.05 -1.67 0.00	71.34 -1.57 0.00	61.66 -1.47 0.00	55.46 -1.45 0.00	49.66 -1.33 0.00	49.08 -1.32 0.00	45.54 -1.25 0.00	60.51 -1.74 0.00
E_CANADA_CAP_HY 24051	61.90 2.34 0.00	52.19 2.11 0.00	52.06 2.19 0.00	51.02 2.23 0.00	52.85 2.35 0.00	85.03 3.78 0.00	79.90 3.81 0.00	94.99 4.29 0.08	69.26 3.05 0.00	76.93 3.20 0.06	59.89 2.61 0.00	57.29 2.02 0.00	70.96 2.47 0.00	69.97 2.77 0.05	63.19 2.42 0.01	61.99 2.53 0.00	68.06 2.58 0.24	75.75 2.84 0.00	65.39 2.31 0.05	58.98 2.10 0.03	52.80 1.82 0.01	52.39 1.99 0.00	48.41 1.63 0.00	64.35 2.10 0.00
E_CANADA_MHWK_HY 24050	60.09 0.53 0.00	50.38 0.29 0.00	50.14 0.27 0.00	48.99 0.19 0.00	50.82 0.32 0.00	81.99 0.75 0.00	76.84 0.75 0.00	92.98 2.21 0.00	68.03 1.81 0.00	75.75 1.95 0.00	58.18 0.90 0.00	56.08 0.82 0.00	69.55 1.06 0.00	68.48 1.23 0.00	61.84 1.06 0.00	60.84 1.37 0.00	67.58 1.86 0.00	75.11 2.19 0.00	64.77 1.65 0.00	58.11 1.20 0.00	52.14 1.16 0.00	51.87 0.98 -0.48	47.87 0.99 -0.09	63.20 0.95 0.00
E_FISHKILL____LBMP 23776	62.03 2.47 0.00	52.08 1.99 0.00	51.67 1.81 0.00	50.45 1.66 0.00	52.28 1.78 0.00	84.25 3.01 0.00	79.07 2.98 0.00	95.48 4.77 0.07	69.66 3.45 0.00	77.52 3.79 0.05	59.82 2.55 0.00	57.93 2.66 0.00	71.73 3.24 0.00	70.44 3.23 0.04	63.67 2.89 0.01	62.42 2.95 0.00	69.30 3.80 0.21	77.57 4.66 0.00	66.85 3.77 0.04	59.97 3.09 0.03	53.89 2.91 0.01	53.17 2.76 0.00	49.42 2.64 0.00	65.61 3.36 0.00
FALCON____SEABRD_CC1 323796	61.01 1.45 0.00	51.29 1.20 0.00	51.34 1.47 0.00	50.13 1.34 0.00	51.71 1.21 0.00	83.05 1.81 0.00	77.89 1.80 0.00	92.10 1.32 0.00	67.13 0.92 0.00	75.17 1.38 0.00	58.81 1.54 0.00	56.88 1.62 0.00	70.86 2.37 0.00	69.31 2.05 0.00	62.75 1.97 0.00	60.96 1.50 0.00	66.20 0.49 0.00	72.37 -0.54 0.00	63.09 -0.03 0.00	56.94 0.03 0.00	50.60 -0.39 0.00	41.34 -1.01 8.06	43.83 -1.38 1.58	-10.07 -2.25 70.08

FALCON___SEABRD_CC2 323797	61.01 1.45 0.00	51.29 1.20 0.00	51.34 1.47 0.00	50.13 1.34 0.00	51.71 1.21 0.00	83.05 1.81 0.00	77.89 1.80 0.00	92.10 1.32 0.00	67.13 0.92 0.00	75.17 1.38 0.00	58.81 1.54 0.00	56.88 1.62 0.00	70.86 2.37 0.00	69.31 2.05 0.00	62.75 1.97 0.00	60.96 1.50 0.00	66.20 0.49 0.00	72.37 -0.54 0.00	63.09 -0.03 0.00	56.94 0.03 0.00	50.60 -0.39 0.00	41.34 -1.01 8.06	43.83 -1.38 1.58	-10.07 -2.25 70.08
FAR ROCKAWAY___4 23548	63.58 4.02 0.00	53.39 3.30 0.00	52.80 2.94 0.00	51.57 2.77 0.00	53.52 3.01 0.00	86.37 5.12 0.00	81.25 5.16 0.00	98.48 7.78 0.07	71.67 5.45 0.00	79.78 6.04 0.05	61.93 4.45 -0.22	59.71 4.45 0.00	73.91 5.42 0.00	72.61 5.41 0.05	65.55 4.78 0.01	64.18 4.72 0.00	72.22 5.88 -0.62	79.91 7.00 0.00	68.82 5.74 0.04	61.78 4.90 0.03	55.59 4.61 0.01	54.91 4.50 0.00	50.92 4.13 0.00	67.46 5.21 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	62.32 2.76 0.00	52.34 2.25 0.00	51.90 2.04 0.00	50.67 1.87 0.00	52.51 2.00 0.00	84.56 3.31 0.00	79.51 3.42 0.00	96.19 5.48 0.07	70.18 3.97 0.00	78.18 4.44 0.05	60.33 3.06 0.00	58.47 3.21 0.00	72.39 3.89 0.00	71.11 3.90 0.05	64.22 3.45 0.01	62.97 3.51 0.00	69.97 4.47 0.22	78.37 5.46 0.00	67.44 4.36 0.04	60.48 3.59 0.03	54.39 3.41 0.01	53.65 3.24 0.00	49.86 3.08 0.00	66.18 3.93 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	62.26 2.69 0.00	52.29 2.20 0.00	51.84 1.97 0.00	50.62 1.82 0.00	52.45 1.94 0.00	84.46 3.21 0.00	79.40 3.31 0.00	96.06 5.35 0.07	70.09 3.87 0.00	78.06 4.33 0.05	60.24 2.96 0.00	58.38 3.11 0.00	72.28 3.79 0.00	71.00 3.80 0.05	64.13 3.36 0.01	62.88 3.42 0.00	69.86 4.36 0.22	78.25 5.33 0.00	67.36 4.28 0.04	60.39 3.51 0.03	54.32 3.34 0.01	53.58 3.18 0.00	49.79 3.01 0.00	66.11 3.86 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	62.30 2.74 0.00	52.32 2.23 0.00	51.87 2.00 0.00	50.64 1.85 0.00	52.48 1.98 0.00	84.53 3.29 0.00	79.45 3.36 0.00	96.14 5.43 0.07	70.15 3.93 0.00	78.15 4.41 0.05	60.29 3.02 0.00	58.44 3.17 0.00	72.35 3.86 0.00	71.08 3.87 0.05	64.19 3.42 0.01	62.94 3.48 0.00	69.94 4.44 0.22	78.32 5.40 0.00	67.42 4.34 0.04	60.45 3.57 0.03	54.36 3.38 0.01	53.62 3.21 0.00	49.83 3.05 0.00	66.16 3.91 0.00
FARRAGUT___LBMP 323566	62.26 2.69 0.00	52.29 2.20 0.00	51.84 1.97 0.00	50.62 1.82 0.00	52.45 1.94 0.00	84.46 3.21 0.00	79.40 3.31 0.00	96.06 5.35 0.07	70.09 3.87 0.00	78.06 4.33 0.05	60.24 2.96 0.00	58.38 3.11 0.00	72.28 3.79 0.00	71.00 3.80 0.05	64.13 3.36 0.01	62.88 3.42 0.00	69.86 4.36 0.22	78.25 5.33 0.00	67.36 4.28 0.04	60.39 3.51 0.03	54.32 3.34 0.01	53.58 3.18 0.00	49.79 3.01 0.00	66.11 3.86 0.00
FENNER___WINDPWR 24204	59.91 0.35 0.00	50.38 0.28 0.00	50.15 0.28 0.00	49.09 0.29 0.00	50.93 0.42 0.00	82.13 0.88 0.00	77.15 1.06 0.00	92.46 1.68 0.00	67.55 1.33 0.00	74.98 1.19 0.00	58.03 0.76 0.00	55.78 0.51 0.00	69.11 0.62 0.00	67.83 0.58 0.00	61.50 0.72 0.00	60.41 0.95 0.00	66.77 1.06 0.00	74.12 1.21 0.00	64.06 0.93 0.00	57.62 0.71 0.00	51.53 0.54 0.00	50.88 0.47 0.00	47.07 0.28 0.00	64.26 0.14 -1.87
FIBERTEK___ENERGY 23856	58.56 -1.00 0.00	49.20 -0.89 0.00	48.95 -0.92 0.00	47.93 -0.87 0.00	49.65 -0.86 0.00	79.99 -1.26 0.00	75.12 -0.97 0.00	89.88 -0.90 0.00	66.36 0.14 0.00	72.71 -1.08 0.00	56.17 -1.10 0.00	54.11 -1.15 0.00	67.03 -1.46 0.00	65.80 -1.45 0.00	59.58 -1.20 0.00	58.38 -1.08 0.00	64.73 -0.98 0.00	72.14 -0.78 0.00	62.30 -0.82 0.00	56.07 -0.84 0.00	50.18 -0.81 0.00	49.59 -0.82 0.00	45.98 -0.82 0.00	61.03 -1.23 0.00
FITZPATRICK____ 23598	57.10 -2.45 0.00	48.02 -2.07 0.00	47.79 -2.08 0.00	46.79 -2.01 0.00	48.44 -2.07 0.00	77.97 -3.27 0.00	73.12 -2.97 0.00	87.29 -3.48 0.00	63.67 -2.55 0.00	70.87 -2.92 0.00	54.88 -2.39 0.00	52.90 -2.37 0.00	65.52 -2.97 0.00	64.31 -2.94 0.00	58.21 -2.57 0.00	57.00 -2.46 0.00	63.10 -2.62 0.00	70.22 -2.69 0.00	60.71 -2.42 0.00	54.64 -2.27 0.00	48.93 -2.05 0.00	48.37 -2.04 0.00	44.88 -1.90 0.00	59.65 -2.60 0.00
FLOWRFLD_69_KV_BK1 356044	64.08 4.52 0.00	53.66 3.57 0.00	52.97 3.11 0.00	51.72 2.92 0.00	53.63 3.12 0.00	86.65 5.40 0.00	81.39 5.31 0.00	98.94 8.23 0.07	72.01 5.79 0.00	80.18 6.44 0.05	63.06 4.78 -1.01	60.03 4.76 0.00	74.39 5.90 0.00	73.06 5.85 0.05	65.96 5.19 0.01	64.45 4.99 0.00	72.27 6.24 -0.31	80.32 7.41 0.00	69.13 6.05 0.04	62.02 5.13 0.03	55.75 4.76 0.01	55.20 4.79 0.00	51.08 4.29 0.00	67.54 5.29 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	63.00 3.44 0.00	52.86 2.77 0.00	52.46 2.59 0.00	51.22 2.42 0.00	53.10 2.59 0.00	85.60 4.35 0.00	80.42 4.33 0.00	97.19 6.49 0.07	70.96 4.74 0.00	79.00 5.26 0.05	60.98 3.71 0.00	59.01 3.75 0.00	73.07 4.59 0.00	71.76 4.56 0.05	64.85 4.08 0.01	63.60 4.14 0.00	70.67 5.17 0.22	79.14 6.23 0.00	68.19 5.11 0.04	61.15 4.26 0.03	54.90 3.92 0.01	54.11 3.70 0.00	50.23 3.44 0.00	66.60 4.35 0.00
FORT ORANGE____ 23900	61.51 1.95 0.00	51.67 1.58 0.00	51.38 1.51 0.00	50.24 1.44 0.00	52.01 1.50 0.00	83.79 2.54 0.00	78.39 2.30 0.00	94.28 3.51 0.00	68.86 2.64 0.00	76.63 2.84 0.00	59.25 1.98 0.00	57.26 2.00 0.00	70.87 2.38 0.00	69.57 2.32 0.00	62.99 2.21 0.00	61.78 2.33 0.00	68.57 2.85 0.00	76.13 3.21 0.00	65.65 2.53 0.00	59.05 2.14 0.00	52.96 1.98 0.00	52.28 1.87 0.00	48.78 1.99 0.00	64.74 2.49 0.00
FORT_DRUM_COGEN 23780	58.16 -1.40 0.00	48.85 -1.24 0.00	48.89 -0.98 0.00	48.28 -0.51 0.00	50.45 -0.05 0.00	81.62 0.38 0.00	77.59 1.50 0.00	92.58 1.81 0.00	66.13 -0.09 0.00	73.24 -0.55 0.00	56.87 -0.41 0.00	54.24 -1.02 0.00	67.09 -1.40 0.00	64.73 -2.52 0.00	59.09 -1.70 0.00	58.92 -0.54 0.00	65.61 -0.11 0.00	72.55 -0.36 0.00	62.40 -0.72 0.00	55.83 -1.08 0.00	49.96 -1.03 0.00	48.35 -1.26 0.79	44.76 -1.87 0.15	71.79 -3.20 -12.73
FOX_HILLS___ESR 323835	62.32 2.76 0.00	52.45 2.36 0.00	52.03 2.17 0.00	50.86 2.06 0.00	52.61 2.10 0.00	84.62 3.37 0.00	78.17 3.37 1.29	93.43 5.31 2.66	67.25 3.73 2.70	75.33 4.13 2.58	59.25 2.72 0.74	57.89 2.93 0.31	71.37 3.56 0.68	70.10 3.61 0.76	63.32 3.16 0.62	61.97 3.22 0.71	69.72 4.22 0.22	78.13 5.21 0.00	67.29 4.21 0.04	60.41 3.53 0.03	54.38 3.39 0.01	53.70 3.29 0.00	49.97 3.18 0.00	66.47 4.21 0.00
FPL FAR_ROCK_GT1 24212	63.58 4.02 0.00	53.39 3.30 0.00	52.80 2.94 0.00	51.57 2.77 0.00	53.52 3.01 0.00	86.37 5.13 0.00	81.25 5.16 0.00	98.47 7.76 0.07	71.68 5.46 0.00	79.79 6.05 0.05	61.93 4.44 -0.22	59.71 4.44 0.00	73.92 5.43 0.00	72.60 5.40 0.05	65.52 4.75 0.01	64.18 4.72 0.00	72.25 5.91 -0.62	79.92 7.00 0.00	68.83 5.74 0.04	61.77 4.89 0.03	55.58 4.59 0.01	54.91 4.50 0.00	50.93 4.14 0.00	67.47 5.21 0.00



FPL FAR_ROCK_GT2 23815	63.58 4.02 0.00	53.39 3.30 0.00	52.80 2.94 0.00	51.57 2.77 0.00	53.52 3.01 0.00	86.37 5.13 0.00	81.25 5.16 0.00	98.47 7.76 0.07	71.68 5.46 0.00	79.79 6.05 0.05	61.93 4.44 -0.22	59.71 4.44 0.00	73.92 5.43 0.00	72.60 5.40 0.05	65.52 4.75 0.01	64.18 4.72 0.00	72.25 5.91 -0.62	79.92 7.00 0.00	68.83 5.74 0.04	61.77 4.89 0.03	55.58 4.59 0.01	54.91 4.50 0.00	50.93 4.14 0.00	67.47 5.21 0.00
FRANKLIN_FALL_HYD 24054	61.04 1.48 0.00	51.32 1.23 0.00	51.25 1.38 0.00	50.18 1.39 0.00	51.98 1.47 0.00	83.71 2.47 0.00	78.88 2.79 0.00	93.44 2.67 0.00	68.11 1.90 0.00	76.09 2.30 0.00	59.63 2.35 0.00	57.29 2.03 0.00	71.25 2.76 0.00	69.63 2.38 0.00	63.01 2.23 0.00	61.40 1.94 0.00	67.01 1.30 0.00	73.70 0.79 0.00	64.21 1.08 0.00	57.90 0.98 0.00	51.33 0.34 0.00	43.50 -0.29 6.62	44.68 -0.84 1.28	145.68 -1.50 -84.92
FREEPORT_EQUS_GT1 23764	63.22 3.66 0.00	53.03 2.94 0.00	52.43 2.56 0.00	51.21 2.41 0.00	53.12 2.61 0.00	85.41 4.16 0.00	80.28 4.19 0.00	97.45 6.74 0.07	70.93 4.71 0.00	79.07 5.33 0.05	61.95 4.04 -0.63	59.30 4.03 0.00	73.40 4.91 0.00	72.05 4.84 0.05	64.86 4.08 0.01	63.48 4.02 0.00	71.37 5.16 -0.48	79.07 6.15 0.00	68.11 5.03 0.04	61.19 4.31 0.03	55.23 4.25 0.01	54.59 4.18 0.00	50.63 3.84 0.00	67.15 4.90 0.00
FREEPORT___CT2 23818	63.22 3.66 0.00	53.03 2.94 0.00	52.43 2.56 0.00	51.21 2.41 0.00	53.12 2.61 0.00	85.41 4.16 0.00	80.28 4.19 0.00	97.45 6.74 0.07	70.93 4.71 0.00	79.07 5.33 0.05	61.95 4.04 -0.63	59.30 4.03 0.00	73.40 4.91 0.00	72.05 4.84 0.05	64.86 4.08 0.01	63.48 4.02 0.00	71.37 5.16 -0.48	79.07 6.15 0.00	68.11 5.03 0.04	61.19 4.31 0.03	55.23 4.25 0.01	54.59 4.18 0.00	50.63 3.84 0.00	67.15 4.90 0.00
FRESHKLS_33_KV_LOAD 356253	62.27 2.71 0.00	52.47 2.38 0.00	52.06 2.19 0.00	50.91 2.12 0.00	52.64 2.13 0.00	84.63 3.38 0.00	78.15 3.35 1.29	93.35 5.23 2.66	67.15 3.63 2.70	75.21 4.00 2.58	59.14 2.60 0.74	57.78 2.82 0.31	71.22 3.41 0.68	69.97 3.48 0.76	63.19 3.03 0.62	61.86 3.11 0.71	69.63 4.13 0.22	78.04 5.12 0.00	67.24 4.16 0.04	60.38 3.50 0.03	54.34 3.35 0.01	53.67 3.27 0.00	49.98 3.19 0.00	66.56 4.31 0.00
FULTON COGEN____ 23766	57.45 -2.10 0.00	48.30 -1.79 0.00	48.05 -1.82 0.00	47.04 -1.75 0.00	48.75 -1.76 0.00	78.50 -2.75 0.00	73.72 -2.36 0.00	88.09 -2.69 0.00	64.23 -1.98 0.00	71.45 -2.34 0.00	55.21 -2.07 0.00	53.22 -2.05 0.00	65.95 -2.54 0.00	64.72 -2.53 0.00	58.53 -2.25 0.00	57.42 -2.04 0.00	63.66 -2.06 0.00	70.90 -2.02 0.00	61.29 -1.84 0.00	55.13 -1.78 0.00	49.36 -1.63 0.00	48.75 -1.66 0.00	45.20 -1.59 0.00	60.07 -2.19 0.00
FULTON___LFGE 323630	62.61 3.05 0.00	52.69 2.60 0.00	52.48 2.61 0.00	51.36 2.57 0.00	53.22 2.71 0.00	85.74 4.49 0.00	80.72 4.63 0.00	96.52 5.74 0.00	70.39 4.17 0.00	78.18 4.39 0.00	60.51 3.23 0.00	57.69 2.42 0.00	71.46 2.97 0.00	70.61 3.36 0.00	63.44 2.66 0.00	62.75 3.29 0.00	69.59 3.87 0.00	77.40 4.49 0.00	66.85 3.73 0.00	60.20 3.29 0.00	53.86 2.88 0.00	53.23 2.82 0.00	49.17 2.39 0.00	65.23 2.98 0.00
G.F.CEMENT___DRP 24184	62.15 2.59 0.00	52.14 2.05 0.00	51.87 2.00 0.00	50.65 1.86 0.00	52.43 1.92 0.00	84.96 3.72 0.00	80.47 4.38 0.00	97.31 6.53 0.00	71.17 4.95 0.00	79.13 5.33 0.00	60.87 3.60 0.00	58.93 3.66 0.00	72.91 4.42 0.00	71.20 3.95 0.00	64.63 3.85 0.00	63.06 3.60 0.00	70.31 4.59 0.00	78.27 5.35 0.00	67.56 4.43 0.00	60.71 3.80 0.00	54.37 3.38 0.00	53.41 3.00 0.00	49.42 2.63 0.00	65.45 3.20 0.00
GARDENVILLE___LBMP 24039	56.03 -3.53 0.00	47.19 -2.90 0.00	46.84 -3.03 0.00	46.01 -2.78 0.00	47.57 -2.94 0.00	76.31 -4.94 0.00	71.10 -4.99 0.00	80.48 -7.32 2.97	61.30 -4.92 0.00	65.53 -6.10 2.17	52.69 -4.58 0.00	50.17 -5.09 0.00	62.10 -6.39 0.00	46.69 -6.27 14.29	39.45 -5.62 15.71	37.03 -5.49 16.94	27.28 -6.32 32.11	46.55 -5.76 20.61	33.24 -5.42 24.46	29.55 -5.08 22.28	27.45 -4.74 18.80	25.89 -4.57 19.95	39.44 -4.12 3.23	57.01 -5.25 0.00
GARDNVLA_35_KV_LD 355827	56.31 -3.25 0.00	47.42 -2.68 0.00	47.06 -2.81 0.00	46.23 -2.57 0.00	47.81 -2.70 0.00	76.68 -4.57 0.00	71.47 -4.62 0.00	81.08 -6.81 2.89	61.67 -4.55 0.00	66.01 -5.67 2.11	53.03 -4.24 0.00	50.50 -4.76 0.00	62.51 -5.98 0.00	49.27 -5.92 12.05	42.49 -5.30 12.99	40.32 -5.18 13.96	31.96 -5.95 27.81	50.61 -5.32 16.98	37.60 -5.08 20.44	33.60 -4.78 18.53	30.98 -4.50 15.52	29.63 -4.35 16.43	40.24 -3.89 2.66	57.33 -4.93 0.00
GELCKHM___115KV_LOAD 80723	58.11 -1.45 0.00	48.85 -1.24 0.00	48.60 -1.26 0.00	47.58 -1.21 0.00	49.29 -1.22 0.00	79.39 -1.86 0.00	74.51 -1.58 0.00	89.09 -1.68 0.00	65.43 -0.79 0.00	72.22 -1.57 0.00	55.87 -1.41 0.00	53.81 -1.46 0.00	66.66 -1.83 0.00	65.41 -1.84 0.00	59.22 -1.56 0.00	58.02 -1.44 0.00	64.33 -1.39 0.00	71.65 -1.26 0.00	61.92 -1.21 0.00	55.70 -1.21 0.00	49.87 -1.12 0.00	49.27 -1.13 0.00	45.70 -1.09 0.00	60.71 -1.54 0.00
GENERAL___MILLS 23808	56.22 -3.34 0.00	47.34 -2.75 0.00	46.99 -2.88 0.00	46.16 -2.64 0.00	47.72 -2.78 0.00	76.54 -4.70 0.00	71.32 -4.77 0.00	80.87 -6.99 2.91	61.53 -4.69 0.00	65.83 -5.84 2.13	52.92 -4.35 0.00	50.39 -4.87 0.00	62.37 -6.12 0.00	48.57 -6.02 12.66	41.64 -5.41 13.73	39.41 -5.28 14.77	30.65 -6.09 28.98	49.48 -5.47 17.96	36.39 -5.20 21.53	32.49 -4.87 19.55	30.00 -4.59 16.41	28.61 -4.42 17.39	40.02 -3.95 2.81	57.23 -5.03 0.00
GE_PLASTICS___DRP 24183	61.31 1.75 0.00	51.51 1.43 0.00	51.26 1.39 0.00	50.12 1.32 0.00	51.88 1.37 0.00	83.49 2.24 0.00	78.04 1.95 0.00	93.67 2.90 0.00	68.44 2.22 0.00	76.17 2.38 0.00	58.88 1.60 0.00	56.93 1.66 0.00	70.47 1.98 0.00	69.20 1.95 0.00	62.62 1.84 0.00	61.36 1.90 0.00	68.09 2.37 0.00	75.79 2.87 0.00	65.38 2.26 0.00	58.80 1.89 0.00	52.75 1.77 0.00	52.09 1.68 0.00	48.55 1.76 0.00	64.51 2.25 0.00
GILBOA___1 23756	60.88 1.32 0.00	51.17 1.08 0.00	51.03 1.16 0.00	49.89 1.09 0.00	51.66 1.15 0.00	82.94 1.70 0.00	77.70 1.61 0.00	93.04 2.34 0.08	68.08 1.87 0.00	75.75 2.02 0.06	58.54 1.27 0.00	56.66 1.39 0.00	70.18 1.68 0.00	68.85 1.65 0.05	62.30 1.53 0.01	61.04 1.57 0.00	67.45 1.98 0.25	75.27 2.35 0.00	64.96 1.89 0.05	58.45 1.58 0.03	52.52 1.54 0.01	51.84 1.43 0.00	48.18 1.39 0.00	64.12 1.87 0.00
GILBOA___2 23757	60.88 1.32 0.00	51.17 1.08 0.00	51.03 1.16 0.00	49.89 1.09 0.00	51.66 1.15 0.00	82.94 1.70 0.00	77.70 1.61 0.00	93.04 2.34 0.08	68.08 1.87 0.00	75.75 2.02 0.06	58.54 1.27 0.00	56.66 1.39 0.00	70.18 1.68 0.00	68.85 1.65 0.05	62.30 1.53 0.01	61.04 1.57 0.00	67.45 1.98 0.25	75.27 2.35 0.00	64.96 1.89 0.05	58.45 1.58 0.03	52.52 1.54 0.01	51.84 1.43 0.00	48.18 1.39 0.00	64.12 1.87 0.00

GILBOA___3 23758	60.88 1.32 0.00	51.17 1.08 0.00	51.03 1.16 0.00	49.89 1.09 0.00	51.66 1.15 0.00	82.94 1.70 0.00	77.70 1.61 0.00	93.04 2.34 0.08	68.08 1.87 0.00	75.75 2.02 0.06	58.54 1.27 0.00	56.66 1.39 0.00	70.18 1.68 0.00	68.85 1.65 0.05	62.30 1.53 0.01	61.04 1.57 0.00	67.45 1.98 0.25	75.27 2.35 0.00	64.96 1.89 0.05	58.45 1.58 0.03	52.52 1.54 0.01	51.84 1.43 0.00	48.18 1.39 0.00	64.12 1.87 0.00
GILBOA___4 23759	60.88 1.32 0.00	51.17 1.08 0.00	51.03 1.16 0.00	49.89 1.09 0.00	51.66 1.15 0.00	82.94 1.70 0.00	77.70 1.61 0.00	93.04 2.34 0.08	68.08 1.87 0.00	75.75 2.02 0.06	58.54 1.27 0.00	56.66 1.39 0.00	70.18 1.68 0.00	68.85 1.65 0.05	62.30 1.53 0.01	61.04 1.57 0.00	67.45 1.98 0.25	75.27 2.35 0.00	64.96 1.89 0.05	58.45 1.58 0.03	52.52 1.54 0.01	51.84 1.43 0.00	48.18 1.39 0.00	64.12 1.87 0.00
GILBOA___ 23599	60.88 1.32 0.00	51.17 1.08 0.00	51.03 1.16 0.00	49.89 1.09 0.00	51.66 1.15 0.00	82.94 1.70 0.00	77.69 1.60 0.00	93.05 2.35 0.08	68.08 1.87 0.00	75.75 2.02 0.06	58.54 1.27 0.00	56.66 1.39 0.00	70.18 1.68 0.00	68.85 1.65 0.05	62.30 1.52 0.01	61.04 1.58 0.00	67.44 1.97 0.25	75.27 2.35 0.00	64.95 1.88 0.05	58.45 1.58 0.03	52.52 1.53 0.01	51.84 1.43 0.00	48.18 1.40 0.00	64.12 1.86 0.00
GINNA___ 23603	55.02 -4.54 0.00	46.30 -3.79 0.00	46.02 -3.84 0.00	45.12 -3.67 0.00	46.69 -3.82 0.00	75.19 -6.05 0.00	70.54 -5.55 0.00	83.89 -7.13 -0.24	61.27 -4.95 0.00	67.89 -6.08 -0.18	52.59 -4.69 0.00	50.36 -4.91 0.00	62.33 -6.16 0.00	61.37 -6.03 -0.15	55.49 -5.32 -0.03	54.34 -5.13 0.00	60.74 -5.73 -0.75	67.40 -5.52 0.00	58.28 -5.00 -0.16	52.35 -4.66 -0.10	46.70 -4.31 -0.02	46.12 -4.29 0.00	42.85 -3.94 0.00	56.96 -5.29 0.00
GLEN PARK___ 23778	58.37 -1.19 0.00	49.01 -1.08 0.00	49.03 -0.84 0.00	48.39 -0.40 0.00	50.56 0.06 0.00	81.82 0.57 0.00	77.81 1.72 0.00	92.91 2.13 0.00	66.40 0.18 0.00	73.47 -0.32 0.00	56.97 -0.30 0.00	54.27 -1.00 0.00	67.17 -1.32 0.00	64.68 -2.57 0.00	59.11 -1.67 0.00	59.02 -0.44 0.00	65.78 0.07 0.00	72.84 -0.07 0.00	62.66 -0.46 0.00	56.06 -0.85 0.00	50.15 -0.84 0.00	48.56 -1.10 0.75	44.91 -1.73 0.14	71.32 -3.01 -12.08
GLENDALE_27_KV_LOAD 356172	62.57 3.01 0.00	52.54 2.45 0.00	52.10 2.23 0.00	50.87 2.07 0.00	52.69 2.18 0.00	84.86 3.61 0.00	79.87 3.78 0.00	96.61 5.90 0.07	70.52 4.31 0.00	78.55 4.81 0.05	60.58 3.31 0.00	58.73 3.46 0.00	72.70 4.21 0.00	71.42 4.22 0.05	64.52 3.75 0.01	63.24 3.77 0.00	70.26 4.76 0.22	78.69 5.78 0.00	67.74 4.67 0.04	60.78 3.89 0.03	54.66 3.67 0.01	53.89 3.48 0.00	50.05 3.27 0.00	66.46 4.20 0.00
GLENWOOD_IC_1_G5 23712	62.45 2.89 0.00	52.41 2.32 0.00	51.90 2.03 0.00	50.69 1.90 0.00	52.58 2.08 0.00	84.77 3.52 0.00	79.66 3.57 0.00	96.55 5.85 0.07	70.34 4.13 0.00	78.33 4.59 0.05	61.08 3.30 -0.50	58.65 3.38 0.00	72.59 4.10 0.00	71.30 4.09 0.05	64.40 3.62 0.01	63.09 3.63 0.00	71.02 4.62 -0.68	78.52 5.60 0.00	67.60 4.52 0.04	60.66 3.78 0.03	54.54 3.56 0.01	53.84 3.44 0.00	50.13 3.35 0.00	66.66 4.41 0.00
GLENWOOD_IC_2_G1 23688	62.55 2.99 0.00	52.51 2.41 0.00	52.00 2.13 0.00	50.79 1.99 0.00	52.65 2.15 0.00	84.86 3.61 0.00	79.74 3.65 0.00	96.50 5.79 0.07	70.34 4.12 0.00	78.32 4.58 0.05	60.51 3.23 -0.01	58.59 3.32 0.00	72.53 4.04 0.00	71.22 4.01 0.05	64.32 3.55 0.01	63.05 3.59 0.00	70.13 4.59 0.18	78.43 5.52 0.00	67.54 4.46 0.04	60.60 3.71 0.03	54.49 3.50 0.01	53.78 3.37 0.00	49.96 3.17 0.00	66.31 4.05 0.00
GLENWOOD_IC_3_G1 23689	62.55 2.99 0.00	52.51 2.41 0.00	52.00 2.13 0.00	50.79 1.99 0.00	52.65 2.15 0.00	84.86 3.61 0.00	79.74 3.65 0.00	96.50 5.79 0.07	70.34 4.12 0.00	78.32 4.58 0.05	60.51 3.23 -0.01	58.59 3.32 0.00	72.53 4.04 0.00	71.22 4.01 0.05	64.32 3.55 0.01	63.05 3.59 0.00	70.13 4.59 0.18	78.43 5.52 0.00	67.54 4.46 0.04	60.60 3.71 0.03	54.49 3.50 0.01	53.78 3.37 0.00	49.96 3.17 0.00	66.31 4.05 0.00
GLENWOOD___4 23550	62.60 3.04 0.00	52.55 2.45 0.00	52.01 2.15 0.00	50.81 2.02 0.00	52.72 2.21 0.00	84.97 3.72 0.00	79.87 3.78 0.00	96.77 6.06 0.07	70.53 4.31 0.00	78.52 4.78 0.05	61.22 3.44 -0.50	58.78 3.51 0.00	72.75 4.26 0.00	71.47 4.26 0.05	64.55 3.78 0.01	63.21 3.75 0.00	71.17 4.77 -0.68	78.68 5.76 0.00	67.74 4.66 0.04	60.78 3.89 0.03	54.65 3.66 0.01	53.96 3.55 0.00	50.18 3.40 0.00	66.66 4.41 0.00
GLENWOOD___5 23614	62.60 3.04 0.00	52.55 2.45 0.00	52.01 2.15 0.00	50.81 2.02 0.00	52.72 2.21 0.00	84.97 3.72 0.00	79.87 3.78 0.00	96.77 6.06 0.07	70.53 4.31 0.00	78.52 4.78 0.05	61.22 3.44 -0.50	58.78 3.51 0.00	72.75 4.26 0.00	71.47 4.26 0.05	64.55 3.78 0.01	63.21 3.75 0.00	71.17 4.77 -0.68	78.68 5.76 0.00	67.74 4.66 0.04	60.78 3.89 0.03	54.65 3.66 0.01	53.96 3.55 0.00	50.18 3.40 0.00	66.66 4.41 0.00
GLOBAL GREEN_PORT_GT1 23814	65.54 5.98 0.00	55.02 4.93 0.00	54.34 4.47 0.00	53.00 4.21 0.00	54.83 4.32 0.00	88.58 7.33 0.00	83.21 7.12 0.00	101.22 10.52 0.07	73.46 7.24 0.00	81.60 7.86 0.05	64.02 5.73 -1.01	60.73 5.46 0.00	75.39 6.90 0.00	73.65 6.44 0.05	65.72 4.95 0.01	64.03 4.57 0.00	72.14 6.12 -0.30	79.90 6.99 0.00	68.65 5.57 0.04	61.47 4.59 0.03	55.16 4.17 0.01	54.50 4.09 0.00	50.32 3.53 0.00	66.36 4.10 0.00
GLOBE___DSASP 323697	54.85 -4.71 0.00	46.25 -3.84 0.00	45.88 -3.99 0.00	45.08 -3.71 0.00	46.52 -3.99 0.00	74.46 -6.79 0.00	69.11 -6.98 0.00	76.77 -10.65 3.36	59.05 -7.16 0.00	62.72 -8.63 2.44	50.93 -6.35 0.00	48.42 -6.84 0.00	59.92 -8.57 0.00	48.39 -8.45 10.41	42.61 -7.51 10.65	40.92 -7.20 11.34	31.82 -8.29 25.60	50.89 -8.23 13.79	38.41 -7.47 17.24	34.64 -6.83 15.44	32.27 -6.04 12.68	31.30 -5.76 13.34	39.45 -5.17 2.16	55.65 -6.60 0.00
GOETHSLN___LBMP 323567	61.88 2.32 0.00	52.01 1.91 0.00	51.56 1.70 0.00	50.34 1.55 0.00	52.17 1.66 0.00	83.96 2.72 0.00	78.90 2.81 0.00	95.50 4.79 0.07	69.64 3.42 0.00	77.55 3.81 0.05	59.82 2.55 0.00	58.02 2.75 0.00	71.81 3.32 0.00	70.56 3.35 0.05	63.70 2.93 0.01	62.47 3.01 0.00	69.44 3.94 0.22	77.79 4.88 0.00	66.96 3.88 0.04	60.05 3.17 0.03	54.05 3.07 0.01	53.30 2.89 0.00	49.54 2.76 0.00	65.79 3.54 0.00
GOLAH___69_KV_TB 1_2 80279	57.44 -2.12 0.00	48.32 -1.77 0.00	47.97 -1.89 0.00	47.07 -1.72 0.00	48.69 -1.81 0.00	78.31 -2.94 0.00	73.33 -2.76 0.00	86.79 -3.99 0.00	63.63 -2.59 0.00	70.31 -3.48 0.00	54.64 -2.63 0.00	52.11 -3.15 0.00	64.49 -4.01 0.00	61.82 -4.00 1.44	55.59 -3.41 1.78	54.30 -3.20 1.96	59.57 -3.48 2.67	67.73 -2.82 2.37	57.83 -2.70 2.60	51.85 -2.64 2.43	46.31 -2.55 2.14	45.61 -2.51 2.29	44.21 -2.20 0.37	59.29 -2.96 0.00

GOODYEAR_LAKE_HYD 323669	61.06 1.50 0.00	51.34 1.25 0.00	51.16 1.30 0.00	50.04 1.24 0.00	51.89 1.38 0.00	83.52 2.28 0.00	78.54 2.45 0.00	93.96 3.36 0.17	68.81 2.59 0.00	76.39 2.73 0.13	59.18 1.91 0.00	57.06 1.80 0.00	70.67 2.18 0.00	69.34 2.20 0.11	62.79 2.03 0.02	61.49 2.03 0.00	67.61 2.43 0.54	75.55 2.64 0.00	65.17 2.16 0.12	58.65 1.81 0.07	52.58 1.60 0.01	51.86 1.45 0.00	47.99 1.20 0.00	63.81 1.56 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	58.91 -0.65 0.00	49.48 -0.62 0.00	49.25 -0.61 0.00	48.18 -0.62 0.00	50.02 -0.49 0.00	80.68 -0.57 0.00	75.43 -0.66 0.00	90.12 -0.18 0.48	66.18 -0.04 0.00	73.24 -0.19 0.36	56.84 -0.43 0.00	54.86 -0.40 0.00	67.97 -0.53 0.00	67.89 -0.55 -1.20	62.09 -0.50 -1.81	61.03 -0.48 -2.05	66.69 -0.34 -1.31	75.52 0.09 -2.51	65.46 -0.11 -2.44	58.96 -0.33 -2.38	52.87 -0.34 -2.23	52.43 -0.41 -2.43	46.72 -0.46 -0.39	61.61 -0.65 0.00
GOUDEY___7 23579	58.91 -0.65 0.00	49.48 -0.62 0.00	49.25 -0.61 0.00	48.18 -0.62 0.00	50.02 -0.49 0.00	80.68 -0.57 0.00	75.43 -0.66 0.00	90.12 -0.18 0.48	66.18 -0.04 0.00	73.24 -0.19 0.36	56.84 -0.43 0.00	54.86 -0.40 0.00	67.97 -0.53 0.00	67.89 -0.55 -1.20	62.09 -0.50 -1.81	61.03 -0.48 -2.05	66.69 -0.34 -1.31	75.52 0.09 -2.51	65.46 -0.11 -2.44	58.96 -0.33 -2.38	52.87 -0.34 -2.23	52.43 -0.41 -2.43	46.72 -0.46 -0.39	61.61 -0.65 0.00
GOUDEY___8 23580	58.91 -0.65 0.00	49.48 -0.62 0.00	49.25 -0.61 0.00	48.18 -0.62 0.00	50.02 -0.49 0.00	80.68 -0.57 0.00	75.43 -0.66 0.00	90.12 -0.18 0.48	66.18 -0.04 0.00	73.24 -0.19 0.36	56.84 -0.43 0.00	54.86 -0.40 0.00	67.97 -0.53 0.00	67.89 -0.55 -1.20	62.09 -0.50 -1.81	61.03 -0.48 -2.05	66.69 -0.34 -1.31	75.52 0.09 -2.51	65.46 -0.11 -2.44	58.96 -0.33 -2.38	52.87 -0.34 -2.23	52.43 -0.41 -2.43	46.72 -0.46 -0.39	61.61 -0.65 0.00
GOWANUS_GT1_1 24077	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.65 2.14 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.30 5.60 0.07	70.21 3.99 0.00	78.19 4.45 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.10 3.89 0.05	64.20 3.43 0.01	62.94 3.48 0.00	69.98 4.47 0.22	78.40 5.48 0.00	67.52 4.43 0.04	60.59 3.71 0.03	54.52 3.54 0.01	53.80 3.39 0.00	50.03 3.25 0.00	66.48 4.23 0.00
GOWANUS_GT1_2 24078	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.65 2.14 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.30 5.60 0.07	70.21 3.99 0.00	78.19 4.45 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.10 3.89 0.05	64.20 3.43 0.01	62.94 3.48 0.00	69.98 4.47 0.22	78.40 5.48 0.00	67.52 4.43 0.04	60.59 3.71 0.03	54.52 3.54 0.01	53.80 3.39 0.00	50.03 3.25 0.00	66.48 4.23 0.00
GOWANUS_GT1_3 24079	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.65 2.14 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.30 5.60 0.07	70.21 3.99 0.00	78.19 4.45 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.10 3.89 0.05	64.20 3.43 0.01	62.94 3.48 0.00	69.98 4.47 0.22	78.40 5.48 0.00	67.52 4.43 0.04	60.59 3.71 0.03	54.52 3.54 0.01	53.80 3.39 0.00	50.03 3.25 0.00	66.48 4.23 0.00
GOWANUS_GT1_4 24080	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.65 2.14 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.30 5.60 0.07	70.21 3.99 0.00	78.19 4.45 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.10 3.89 0.05	64.20 3.43 0.01	62.94 3.48 0.00	69.98 4.47 0.22	78.40 5.48 0.00	67.52 4.43 0.04	60.59 3.71 0.03	54.52 3.54 0.01	53.80 3.39 0.00	50.03 3.25 0.00	66.48 4.23 0.00
GOWANUS_GT1_5 24084	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.65 2.14 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.30 5.60 0.07	70.21 3.99 0.00	78.19 4.45 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.10 3.89 0.05	64.20 3.43 0.01	62.94 3.48 0.00	69.98 4.47 0.22	78.40 5.48 0.00	67.52 4.43 0.04	60.59 3.71 0.03	54.52 3.54 0.01	53.80 3.39 0.00	50.03 3.25 0.00	66.48 4.23 0.00
GOWANUS_GT1_6 24111	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.65 2.14 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.30 5.60 0.07	70.21 3.99 0.00	78.19 4.45 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.10 3.89 0.05	64.20 3.43 0.01	62.94 3.48 0.00	69.98 4.47 0.22	78.40 5.48 0.00	67.52 4.43 0.04	60.59 3.71 0.03	54.52 3.54 0.01	53.80 3.39 0.00	50.03 3.25 0.00	66.48 4.23 0.00
GOWANUS_GT1_7 24112	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.65 2.14 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.30 5.60 0.07	70.21 3.99 0.00	78.19 4.45 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.10 3.89 0.05	64.20 3.43 0.01	62.94 3.48 0.00	69.98 4.47 0.22	78.40 5.48 0.00	67.52 4.43 0.04	60.59 3.71 0.03	54.52 3.54 0.01	53.80 3.39 0.00	50.03 3.25 0.00	66.48 4.23 0.00
GOWANUS_GT1_8 24113	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.65 2.14 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.30 5.60 0.07	70.21 3.99 0.00	78.19 4.45 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.10 3.89 0.05	64.20 3.43 0.01	62.94 3.48 0.00	69.98 4.47 0.22	78.40 5.48 0.00	67.52 4.43 0.04	60.59 3.71 0.03	54.52 3.54 0.01	53.80 3.39 0.00	50.03 3.25 0.00	66.48 4.23 0.00
GOWANUS_GT2_1 24114	62.43 2.87 0.00	52.49 2.40 0.00	52.04 2.18 0.00	50.84 2.04 0.00	52.63 2.13 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.55 0.07	70.19 3.97 0.00	78.14 4.40 0.05	60.23 2.96 0.00	58.40 3.14 0.00	72.31 3.82 0.00	71.03 3.82 0.05	64.14 3.36 0.01	62.91 3.45 0.00	69.98 4.48 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.47 3.49 0.01	53.76 3.35 0.00	50.01 3.23 0.00	66.46 4.21 0.00
GOWANUS_GT2_2 24115	62.43 2.87 0.00	52.49 2.40 0.00	52.04 2.18 0.00	50.84 2.04 0.00	52.63 2.13 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.55 0.07	70.19 3.97 0.00	78.14 4.40 0.05	60.23 2.96 0.00	58.40 3.14 0.00	72.31 3.82 0.00	71.03 3.82 0.05	64.14 3.36 0.01	62.91 3.45 0.00	69.98 4.48 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.47 3.49 0.01	53.76 3.35 0.00	50.01 3.23 0.00	66.46 4.21 0.00
GOWANUS_GT2_3 24116	62.43 2.87 0.00	52.49 2.40 0.00	52.04 2.18 0.00	50.84 2.04 0.00	52.63 2.13 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.55 0.07	70.19 3.97 0.00	78.14 4.40 0.05	60.23 2.96 0.00	58.40 3.14 0.00	72.31 3.82 0.00	71.03 3.82 0.05	64.14 3.36 0.01	62.91 3.45 0.00	69.98 4.48 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.47 3.49 0.01	53.76 3.35 0.00	50.01 3.23 0.00	66.46 4.21 0.00

GOWANUS_GT2_4 24117	62.43 2.87 0.00	52.49 2.40 0.00	52.04 2.18 0.00	50.84 2.04 0.00	52.63 2.13 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.55 0.07	70.19 3.97 0.00	78.14 4.40 0.05	60.23 2.96 0.00	58.40 3.14 0.00	72.31 3.82 0.00	71.03 3.82 0.05	64.14 3.36 0.01	62.91 3.45 0.00	69.98 4.48 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.47 3.49 0.01	53.76 3.35 0.00	50.01 3.23 0.00	66.46 4.21 0.00
GOWANUS_GT2_5 24118	62.43 2.87 0.00	52.49 2.40 0.00	52.04 2.18 0.00	50.84 2.04 0.00	52.63 2.13 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.55 0.07	70.19 3.97 0.00	78.14 4.40 0.05	60.23 2.96 0.00	58.40 3.14 0.00	72.31 3.82 0.00	71.03 3.82 0.05	64.14 3.36 0.01	62.91 3.45 0.00	69.98 4.48 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.47 3.49 0.01	53.76 3.35 0.00	50.01 3.23 0.00	66.46 4.21 0.00
GOWANUS_GT2_6 24119	62.43 2.87 0.00	52.49 2.40 0.00	52.04 2.18 0.00	50.84 2.04 0.00	52.63 2.13 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.55 0.07	70.19 3.97 0.00	78.14 4.40 0.05	60.23 2.96 0.00	58.40 3.14 0.00	72.31 3.82 0.00	71.03 3.82 0.05	64.14 3.36 0.01	62.91 3.45 0.00	69.98 4.48 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.47 3.49 0.01	53.76 3.35 0.00	50.01 3.23 0.00	66.46 4.21 0.00
GOWANUS_GT2_7 24120	62.43 2.87 0.00	52.49 2.40 0.00	52.04 2.18 0.00	50.84 2.04 0.00	52.63 2.13 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.55 0.07	70.19 3.97 0.00	78.14 4.40 0.05	60.23 2.96 0.00	58.40 3.14 0.00	72.31 3.82 0.00	71.03 3.82 0.05	64.14 3.36 0.01	62.91 3.45 0.00	69.98 4.48 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.47 3.49 0.01	53.76 3.35 0.00	50.01 3.23 0.00	66.46 4.21 0.00
GOWANUS_GT2_8 24121	62.43 2.87 0.00	52.49 2.40 0.00	52.04 2.18 0.00	50.84 2.04 0.00	52.63 2.13 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.55 0.07	70.19 3.97 0.00	78.14 4.40 0.05	60.23 2.96 0.00	58.40 3.14 0.00	72.31 3.82 0.00	71.03 3.82 0.05	64.14 3.36 0.01	62.91 3.45 0.00	69.98 4.48 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.47 3.49 0.01	53.76 3.35 0.00	50.01 3.23 0.00	66.46 4.21 0.00
GOWANUS_GT3_1 24122	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
GOWANUS_GT3_2 24123	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
GOWANUS_GT3_3 24124	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
GOWANUS_GT3_4 24125	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
GOWANUS_GT3_5 24126	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
GOWANUS_GT3_6 24127	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
GOWANUS_GT3_7 24128	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
GOWANUS_GT3_8 24129	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
GOWANUS_GT4_1 24130	62.43 2.88 0.00	52.49 2.40 0.00	52.05 2.18 0.00	50.84 2.04 0.00	52.63 2.12 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.56 0.07	70.19 3.97 0.00	78.12 4.38 0.05	60.22 2.95 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.05 3.85 0.05	64.16 3.39 0.01	62.91 3.45 0.00	69.94 4.44 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.48 3.50 0.01	53.77 3.36 0.00	50.01 3.23 0.00	66.46 4.20 0.00
GOWANUS_GT4_2 24131	62.43 2.88 0.00	52.49 2.40 0.00	52.05 2.18 0.00	50.84 2.04 0.00	52.63 2.12 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.56 0.07	70.19 3.97 0.00	78.12 4.38 0.05	60.22 2.95 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.05 3.85 0.05	64.16 3.39 0.01	62.91 3.45 0.00	69.94 4.44 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.48 3.50 0.01	53.77 3.36 0.00	50.01 3.23 0.00	66.46 4.20 0.00

GOWANUS_GT4_3 24132	62.43 2.88 0.00	52.49 2.40 0.00	52.05 2.18 0.00	50.84 2.04 0.00	52.63 2.12 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.56 0.07	70.19 3.97 0.00	78.12 4.38 0.05	60.22 2.95 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.05 3.85 0.05	64.16 3.39 0.01	62.91 3.45 0.00	69.94 4.44 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.48 3.50 0.01	53.77 3.36 0.00	50.01 3.23 0.00	66.46 4.20 0.00
GOWANUS_GT4_4 24133	62.43 2.88 0.00	52.49 2.40 0.00	52.05 2.18 0.00	50.84 2.04 0.00	52.63 2.12 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.56 0.07	70.19 3.97 0.00	78.12 4.38 0.05	60.22 2.95 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.05 3.85 0.05	64.16 3.39 0.01	62.91 3.45 0.00	69.94 4.44 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.48 3.50 0.01	53.77 3.36 0.00	50.01 3.23 0.00	66.46 4.20 0.00
GOWANUS_GT4_5 24134	62.43 2.88 0.00	52.49 2.40 0.00	52.05 2.18 0.00	50.84 2.04 0.00	52.63 2.12 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.56 0.07	70.19 3.97 0.00	78.12 4.38 0.05	60.22 2.95 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.05 3.85 0.05	64.16 3.39 0.01	62.91 3.45 0.00	69.94 4.44 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.48 3.50 0.01	53.77 3.36 0.00	50.01 3.23 0.00	66.46 4.20 0.00
GOWANUS_GT4_6 24135	62.43 2.88 0.00	52.49 2.40 0.00	52.05 2.18 0.00	50.84 2.04 0.00	52.63 2.12 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.56 0.07	70.19 3.97 0.00	78.12 4.38 0.05	60.22 2.95 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.05 3.85 0.05	64.16 3.39 0.01	62.91 3.45 0.00	69.94 4.44 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.48 3.50 0.01	53.77 3.36 0.00	50.01 3.23 0.00	66.46 4.20 0.00
GOWANUS_GT4_7 24136	62.43 2.88 0.00	52.49 2.40 0.00	52.05 2.18 0.00	50.84 2.04 0.00	52.63 2.12 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.56 0.07	70.19 3.97 0.00	78.12 4.38 0.05	60.22 2.95 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.05 3.85 0.05	64.16 3.39 0.01	62.91 3.45 0.00	69.94 4.44 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.48 3.50 0.01	53.77 3.36 0.00	50.01 3.23 0.00	66.46 4.20 0.00
GOWANUS_GT4_8 24137	62.43 2.88 0.00	52.49 2.40 0.00	52.05 2.18 0.00	50.84 2.04 0.00	52.63 2.12 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.56 0.07	70.19 3.97 0.00	78.12 4.38 0.05	60.22 2.95 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.05 3.85 0.05	64.16 3.39 0.01	62.91 3.45 0.00	69.94 4.44 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.48 3.50 0.01	53.77 3.36 0.00	50.01 3.23 0.00	66.46 4.20 0.00
GREENBSH_115KV_TB3 55895	61.49 1.93 0.00	51.65 1.56 0.00	51.36 1.50 0.00	50.23 1.43 0.00	51.98 1.47 0.00	83.70 2.46 0.00	78.09 2.00 0.00	93.79 3.02 0.00	68.53 2.31 0.00	76.30 2.51 0.00	58.94 1.67 0.00	57.02 1.76 0.00	70.59 2.10 0.00	69.30 2.05 0.00	62.72 1.94 0.00	61.46 2.00 0.00	68.22 2.51 0.00	75.91 3.00 0.00	65.51 2.39 0.00	58.90 1.99 0.00	52.83 1.84 0.00	52.19 1.78 0.00	48.73 1.94 0.00	64.72 2.46 0.00
GREENIDGE_115KV_TB5 80291	57.75 -1.81 0.00	48.48 -1.61 0.00	48.26 -1.60 0.00	47.25 -1.55 0.00	49.10 -1.41 0.00	79.37 -1.88 0.00	74.53 -1.56 0.00	88.30 -1.79 0.69	65.42 -0.80 0.00	71.49 -1.81 0.50	55.42 -1.85 0.00	53.02 -2.24 0.00	65.87 -2.62 0.00	79.58 -2.82 -15.15	77.66 -2.37 -19.25	78.52 -2.18 -21.24	90.40 -2.22 -26.90	96.63 -2.14 -25.86	89.00 -1.99 -27.86	81.21 -1.91 -26.21	72.37 -1.88 -23.26	73.46 -1.99 -25.05	49.05 -1.80 -4.05	59.84 -2.42 0.00
GREENIDGE___3 23582	57.75 -1.81 0.00	48.48 -1.61 0.00	48.26 -1.60 0.00	47.25 -1.55 0.00	49.10 -1.41 0.00	79.37 -1.88 0.00	74.53 -1.56 0.00	88.30 -1.79 0.69	65.42 -0.80 0.00	71.49 -1.81 0.50	55.42 -1.85 0.00	53.02 -2.24 0.00	65.87 -2.62 0.00	79.58 -2.82 -15.15	77.66 -2.37 -19.25	78.52 -2.18 -21.24	90.40 -2.22 -26.90	96.63 -2.14 -25.86	89.00 -1.99 -27.86	81.21 -1.91 -26.21	72.37 -1.88 -23.26	73.46 -1.99 -25.05	49.05 -1.80 -4.05	59.84 -2.42 0.00
GREENIDGE___4 23583	57.75 -1.81 0.00	48.48 -1.61 0.00	48.26 -1.61 0.00	47.25 -1.55 0.00	49.10 -1.41 0.00	79.36 -1.89 0.00	74.53 -1.56 0.00	88.30 -1.79 0.69	65.42 -0.80 0.00	71.50 -1.79 0.50	55.43 -1.84 0.00	53.03 -2.24 0.00	65.87 -2.62 0.00	79.54 -2.86 -15.15	77.67 -2.36 -19.25	78.51 -2.19 -21.24	90.41 -2.21 -26.90	96.64 -2.14 -25.86	89.00 -1.98 -27.86	81.18 -1.94 -26.21	72.39 -1.86 -23.26	73.47 -1.99 -25.05	49.04 -1.80 -4.05	59.84 -2.42 0.00
GREENLWN_69_KV_BK 3 55738	63.31 3.75 0.00	53.05 2.96 0.00	52.40 2.54 0.00	51.18 2.38 0.00	53.05 2.55 0.00	85.61 4.37 0.00	80.37 4.28 0.00	97.61 6.90 0.07	70.94 4.72 0.00	78.96 5.22 0.05	62.30 4.03 -0.99	59.33 4.07 0.00	73.39 4.90 0.00	72.05 4.85 0.05	65.05 4.28 0.01	63.54 4.08 0.00	71.09 5.05 -0.32	78.92 6.00 0.00	67.94 4.86 0.04	61.01 4.13 0.03	54.91 3.93 0.01	54.36 3.96 0.00	50.39 3.60 0.00	66.80 4.55 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.65 2.14 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.30 5.60 0.07	70.21 3.99 0.00	78.19 4.45 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.10 3.89 0.05	64.20 3.43 0.01	62.94 3.48 0.00	69.98 4.47 0.22	78.40 5.48 0.00	67.52 4.43 0.04	60.59 3.71 0.03	54.52 3.54 0.01	53.80 3.39 0.00	50.03 3.25 0.00	66.48 4.23 0.00
GRISSOM___SOLAR 323813	62.60 3.05 0.00	52.65 2.56 0.00	52.46 2.59 0.00	51.31 2.51 0.00	53.16 2.66 0.00	85.65 4.41 0.00	80.62 4.53 0.00	96.50 5.72 0.00	70.38 4.17 0.00	78.13 4.34 0.00	60.39 3.12 0.00	57.56 2.29 0.00	71.26 2.77 0.00	70.48 3.23 0.00	63.21 2.43 0.00	62.73 3.27 0.00	69.67 3.95 0.00	77.52 4.61 0.00	66.93 3.81 0.00	60.24 3.33 0.00	53.92 2.93 0.00	53.25 2.84 0.00	49.23 2.44 0.00	65.29 3.04 0.00
GROVEVILLE___HYD 323602	63.00 3.44 0.00	52.86 2.77 0.00	52.46 2.59 0.00	51.22 2.42 0.00	53.10 2.59 0.00	85.60 4.35 0.00	80.42 4.33 0.00	97.19 6.49 0.07	70.96 4.74 0.00	79.00 5.26 0.05	60.98 3.71 0.00	59.01 3.75 0.00	73.07 4.59 0.00	71.76 4.56 0.05	64.85 4.08 0.01	63.60 4.14 0.00	70.67 5.17 0.22	79.14 6.23 0.00	68.19 5.11 0.04	61.15 4.26 0.03	54.90 3.92 0.01	54.11 3.70 0.00	50.23 3.44 0.00	66.60 4.35 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	58.56 -1.00 0.00	49.20 -0.89 0.00	48.95 -0.92 0.00	47.93 -0.87 0.00	49.65 -0.86 0.00	79.99 -1.26 0.00	75.12 -0.97 0.00	89.88 -0.90 0.00	66.36 0.14 0.00	72.71 -1.08 0.00	56.17 -1.10 0.00	54.11 -1.15 0.00	67.03 -1.46 0.00	65.80 -1.45 0.00	59.58 -1.20 0.00	58.38 -1.08 0.00	64.73 -0.98 0.00	72.14 -0.78 0.00	62.30 -0.82 0.00	56.07 -0.84 0.00	50.18 -0.81 0.00	49.59 -0.82 0.00	45.98 -0.82 0.00	61.03 -1.23 0.00

HAMLTNNY_34_KV_TB 80303	58.63 -0.93 0.00	49.29 -0.81 0.00	49.00 -0.87 0.00	47.97 -0.82 0.00	49.66 -0.85 0.00	80.09 -1.16 0.00	75.22 -0.87 0.00	90.03 -0.75 0.00	66.93 0.71 0.00	72.64 -1.15 0.00	56.08 -1.20 0.00	54.01 -1.25 0.00	66.90 -1.59 0.00	65.73 -1.53 0.00	59.49 -1.29 0.00	58.31 -1.15 0.00	64.65 -1.07 0.00	72.08 -0.84 0.00	62.21 -0.92 0.00	56.01 -0.90 0.00	50.08 -0.91 0.00	49.51 -0.90 0.00	45.93 -0.86 0.00	60.92 -1.33 0.00
HAMPSHIRE___PAPER_HYD 323593	58.33 -1.23 0.00	49.03 -1.06 0.00	49.05 -0.82 0.00	48.55 -0.25 0.00	50.93 0.42 0.00	82.36 1.11 0.00	78.36 2.27 0.00	93.49 2.71 0.00	67.24 1.02 0.00	74.63 0.84 0.00	58.15 0.88 0.00	55.49 0.22 0.00	68.68 0.19 0.00	66.87 -0.38 0.00	60.81 0.02 0.00	60.00 0.54 0.00	66.54 0.82 0.00	73.48 0.57 0.00	63.52 0.40 0.00	57.09 0.18 0.00	50.90 -0.08 0.00	47.69 -0.44 2.28	45.08 -1.27 0.44	91.63 -2.39 -31.77
HARDSCRABBLE_WT_PWR 323673	59.71 0.15 0.00	50.15 0.06 0.00	49.97 0.10 0.00	48.87 0.08 0.00	50.73 0.22 0.00	81.70 0.46 0.00	76.49 0.40 0.00	92.34 1.57 0.00	67.47 1.26 0.00	75.17 1.38 0.00	57.76 0.49 0.00	55.69 0.42 0.00	69.13 0.64 0.00	68.16 0.91 0.00	61.47 0.70 0.00	60.31 0.84 0.00	66.79 1.07 0.00	74.10 1.18 0.00	63.89 0.76 0.00	57.35 0.44 0.00	51.48 0.49 0.00	51.24 0.35 -0.48	47.28 0.40 -0.09	62.47 0.21 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	62.12 2.56 0.00	52.12 2.02 0.00	51.70 1.83 0.00	50.49 1.70 0.00	52.35 1.84 0.00	84.43 3.19 0.00	79.30 3.21 0.00	95.81 5.11 0.07	69.82 3.60 0.00	77.74 4.01 0.06	60.03 2.76 0.00	58.12 2.85 0.00	71.98 3.49 0.00	70.71 3.51 0.05	63.88 3.11 0.01	62.65 3.19 0.00	69.65 4.17 0.23	78.02 5.10 0.00	67.21 4.13 0.05	60.29 3.41 0.03	54.14 3.16 0.01	53.36 2.95 0.00	49.53 2.74 0.00	65.75 3.50 0.00
HARSNRAD_115KV_TB1 81005	55.19 -4.37 0.00	46.54 -3.55 0.00	46.15 -3.72 0.00	45.36 -3.43 0.00	46.82 -3.69 0.00	74.99 -6.25 0.00	69.75 -6.34 0.00	79.27 -8.94 2.58	60.38 -5.83 0.00	64.83 -7.13 1.83	51.97 -5.30 0.00	49.39 -5.87 0.00	61.11 -7.39 0.00	50.34 -7.17 9.74	44.05 -6.33 10.39	42.24 -6.07 11.14	35.82 -7.09 22.80	52.94 -6.42 13.55	40.90 -5.79 16.44	36.77 -5.27 14.87	33.71 -4.88 12.40	32.58 -4.71 13.11	40.41 -4.26 2.12	56.79 -5.46 0.00
HARZA MOOSE___RIVER 24016	59.35 -0.21 0.00	49.91 -0.17 0.00	49.84 -0.02 0.00	49.11 0.32 0.00	51.12 0.61 0.00	82.50 1.25 0.00	77.98 1.89 0.00	93.19 2.41 0.00	67.24 1.03 0.00	74.71 0.91 0.00	58.08 0.80 0.00	55.70 0.43 0.00	68.89 0.40 0.00	67.20 -0.05 0.00	61.18 0.40 0.00	60.32 0.86 0.00	66.80 1.08 0.00	73.85 0.94 0.00	63.69 0.56 0.00	57.22 0.31 0.00	51.25 0.26 0.00	50.28 0.20 0.32	46.38 -0.34 0.06	70.19 -0.92 -8.85
HDSNBRDG_115KV_BRDG_TB1 355580	58.06 -1.50 0.00	48.80 -1.29 0.00	48.55 -1.31 0.00	47.53 -1.26 0.00	49.24 -1.26 0.00	79.34 -1.91 0.00	74.43 -1.66 0.00	89.01 -1.77 0.00	65.20 -1.01 0.00	72.34 -1.45 0.00	55.96 -1.32 0.00	53.88 -1.38 0.00	66.74 -1.75 0.00	65.49 -1.76 0.00	59.29 -1.49 0.00	58.09 -1.37 0.00	64.39 -1.32 0.00	71.74 -1.17 0.00	62.00 -1.13 0.00	55.75 -1.16 0.00	49.93 -1.06 0.00	49.36 -1.05 0.00	45.78 -1.01 0.00	60.83 -1.43 0.00
HELLGATE_13_KV_LD 55870	62.31 2.75 0.00	52.35 2.25 0.00	51.90 2.03 0.00	50.67 1.87 0.00	52.49 1.98 0.00	84.52 3.27 0.00	79.50 3.41 0.00	96.17 5.46 0.07	70.18 3.97 0.00	78.16 4.42 0.05	60.29 3.02 0.00	58.44 3.17 0.00	72.34 3.86 0.00	71.08 3.87 0.05	64.19 3.42 0.01	62.91 3.45 0.00	69.91 4.41 0.22	78.29 5.38 0.00	67.39 4.31 0.04	60.46 3.57 0.03	54.39 3.40 0.01	53.63 3.22 0.00	49.83 3.05 0.00	66.19 3.94 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	62.31 2.75 0.00	52.35 2.25 0.00	51.90 2.03 0.00	50.67 1.87 0.00	52.49 1.98 0.00	84.52 3.27 0.00	79.50 3.41 0.00	96.17 5.46 0.07	70.18 3.97 0.00	78.16 4.42 0.05	60.29 3.02 0.00	58.44 3.17 0.00	72.34 3.86 0.00	71.08 3.87 0.05	64.19 3.42 0.01	62.91 3.45 0.00	69.91 4.41 0.22	78.29 5.38 0.00	67.39 4.31 0.04	60.46 3.57 0.03	54.39 3.40 0.01	53.63 3.22 0.00	49.83 3.05 0.00	66.19 3.94 0.00
HEMPSTEAD____ 23647	62.70 3.14 0.00	52.61 2.52 0.00	52.05 2.18 0.00	50.84 2.04 0.00	52.74 2.24 0.00	84.99 3.74 0.00	79.88 3.79 0.00	96.91 6.20 0.07	70.56 4.35 0.00	78.61 4.87 0.05	61.48 3.59 -0.61	58.90 3.64 0.00	72.90 4.40 0.00	71.58 4.37 0.05	64.60 3.83 0.01	63.24 3.78 0.00	71.13 4.85 -0.56	78.69 5.78 0.00	67.75 4.67 0.04	60.81 3.93 0.03	54.72 3.74 0.01	54.07 3.66 0.00	50.19 3.40 0.00	66.64 4.38 0.00
HEWLETT_69_KV_BK3 55828	63.30 3.74 0.00	53.18 3.09 0.00	52.60 2.74 0.00	51.37 2.58 0.00	53.32 2.81 0.00	86.01 4.76 0.00	80.89 4.79 0.00	98.03 7.33 0.07	71.34 5.12 0.00	79.42 5.68 0.05	61.65 4.16 -0.22	59.43 4.17 0.00	73.57 5.08 0.00	72.28 5.07 0.05	65.25 4.48 0.01	63.88 4.42 0.00	71.89 5.54 -0.62	79.53 6.62 0.00	68.50 5.42 0.04	61.47 4.58 0.03	55.33 4.35 0.01	54.66 4.25 0.00	50.72 3.93 0.00	67.21 4.95 0.00
HICKLING___1 23621	57.78 -1.78 0.00	48.49 -1.60 0.00	48.29 -1.57 0.00	47.24 -1.56 0.00	49.20 -1.30 0.00	79.63 -1.61 0.00	74.29 -1.80 0.00	88.34 -1.50 0.94	65.26 -0.96 0.00	71.71 -1.39 0.69	55.72 -1.55 0.00	53.68 -1.59 0.00	66.55 -1.95 0.00	70.45 -2.15 -5.35	66.02 -2.04 -7.27	65.50 -2.06 -8.10	71.91 -2.00 -8.19	81.11 -1.68 -9.87	71.60 -1.73 -10.20	64.77 -1.88 -9.74	58.03 -1.79 -8.83	58.09 -1.88 -9.56	46.47 -1.87 -1.55	59.78 -2.48 0.00
HICKLING___2 23622	57.78 -1.78 0.00	48.49 -1.60 0.00	48.29 -1.57 0.00	47.24 -1.56 0.00	49.20 -1.30 0.00	79.63 -1.61 0.00	74.29 -1.80 0.00	88.34 -1.50 0.94	65.26 -0.96 0.00	71.71 -1.39 0.69	55.72 -1.55 0.00	53.68 -1.59 0.00	66.55 -1.95 0.00	70.45 -2.15 -5.35	66.02 -2.04 -7.27	65.50 -2.06 -8.10	71.91 -2.00 -8.19	81.11 -1.68 -9.87	71.60 -1.73 -10.20	64.77 -1.88 -9.74	58.03 -1.79 -8.83	58.09 -1.88 -9.56	46.47 -1.87 -1.55	59.78 -2.48 0.00
HIGH FALLS___HY 23754	63.54 3.98 0.00	53.29 3.19 0.00	52.84 2.97 0.00	51.59 2.80 0.00	53.52 3.01 0.00	86.33 5.08 0.00	81.28 5.19 0.00	98.32 7.62 0.07	71.82 5.61 0.00	80.04 6.31 0.06	61.72 4.44 0.00	59.71 4.44 0.00	73.99 5.49 0.00	72.67 5.47 0.05	65.63 4.86 0.01	64.35 4.89 0.00	71.55 6.06 0.23	80.31 7.40 0.00	69.19 6.11 0.04	62.01 5.13 0.03	55.62 4.64 0.01	54.75 4.35 0.00	50.70 3.92 0.00	67.17 4.91 0.00
HIGH_RIVER___SOLAR 323847	61.69 2.13 0.00	51.85 1.76 0.00	51.62 1.75 0.00	50.50 1.71 0.00	52.30 1.79 0.00	84.18 2.93 0.00	79.05 2.96 0.00	94.70 3.93 0.00	69.12 2.91 0.00	76.91 3.12 0.00	59.40 2.12 0.00	56.94 1.67 0.00	70.49 2.00 0.00	69.45 2.20 0.00	62.77 1.99 0.00	61.77 2.31 0.00	68.58 2.86 0.00	76.28 3.36 0.00	65.88 2.75 0.00	59.27 2.36 0.00	53.11 2.12 0.00	52.42 2.01 0.00	48.60 1.81 0.00	64.53 2.28 0.00

HILLBURN___GT 23639	61.92 2.36 0.00	51.96 1.87 0.00	51.54 1.67 0.00	50.31 1.52 0.00	52.18 1.67 0.00	84.17 2.93 0.00	79.04 2.95 0.00	95.55 4.85 0.07	69.61 3.39 0.00	77.47 3.73 0.05	59.77 2.49 0.00	57.87 2.61 0.00	71.67 3.18 0.00	70.41 3.20 0.05	63.60 2.83 0.01	62.38 2.92 0.00	69.41 3.92 0.23	77.73 4.82 0.00	66.97 3.89 0.05	60.06 3.18 0.03	53.96 2.98 0.01	53.19 2.78 0.00	49.41 2.62 0.00	65.62 3.37 0.00
HILLSIDE_115KV_TB1 80332	57.45 -2.11 0.00	48.20 -1.90 0.00	47.99 -1.88 0.00	46.93 -1.86 0.00	48.86 -1.65 0.00	79.06 -2.18 0.00	73.62 -2.47 0.00	87.88 -2.03 0.86	64.83 -1.38 0.00	71.42 -1.74 0.63	55.48 -1.80 0.00	53.58 -1.68 0.00	66.42 -2.07 0.00	69.83 -2.22 -4.80	65.26 -2.05 -6.54	64.70 -2.05 -7.29	70.98 -2.05 -7.31	80.09 -1.71 -8.88	70.52 -1.77 -9.16	63.76 -1.90 -8.75	57.12 -1.81 -7.94	57.15 -1.86 -8.60	46.34 -1.84 -1.39	59.82 -2.44 0.00
HISHELDN_WT_PWR 323625	55.55 -4.01 0.00	46.79 -3.30 0.00	46.54 -3.33 0.00	45.71 -3.08 0.00	47.27 -3.24 0.00	76.07 -5.18 0.00	70.98 -5.11 0.00	81.10 -7.13 2.56	61.38 -4.84 0.00	65.96 -5.97 1.86	52.41 -4.86 0.00	49.93 -5.33 0.00	61.88 -6.62 0.00	31.97 -6.57 28.71	21.00 -5.90 33.87	16.58 -5.91 36.97	0.70 -6.87 58.15	21.43 -6.51 44.98	6.29 -5.97 50.86	4.20 -5.65 47.06	5.08 -5.18 40.73	1.82 -5.05 43.54	35.06 -4.68 7.04	56.21 -6.04 0.00
HOLTSVILLE_IC_1 23690	63.69 4.13 0.00	53.36 3.27 0.00	52.70 2.84 0.00	51.46 2.66 0.00	53.35 2.84 0.00	86.16 4.92 0.00	80.87 4.78 0.00	98.27 7.56 0.07	71.52 5.30 0.00	79.64 5.91 0.05	62.63 4.34 -1.01	59.63 4.36 0.00	73.87 5.37 0.00	72.50 5.30 0.05	65.45 4.68 0.01	63.95 4.49 0.00	71.70 5.68 -0.30	79.59 6.68 0.00	68.51 5.43 0.04	61.47 4.58 0.03	55.30 4.32 0.01	54.81 4.40 0.00	50.76 3.97 0.00	67.21 4.96 0.00
HOLTSVILLE_IC_10 23699	64.03 4.48 0.00	53.62 3.53 0.00	52.95 3.09 0.00	51.70 2.90 0.00	53.60 3.10 0.00	86.61 5.36 0.00	81.32 5.23 0.00	98.84 8.13 0.07	71.96 5.75 0.00	80.14 6.40 0.05	62.96 4.68 -1.01	59.94 4.67 0.00	74.30 5.81 0.00	72.93 5.72 0.05	65.86 5.09 0.01	64.37 4.91 0.00	72.21 6.19 -0.31	80.18 7.26 0.00	69.00 5.92 0.04	61.89 5.01 0.03	55.65 4.66 0.01	55.12 4.71 0.00	51.01 4.23 0.00	67.51 5.26 0.00
HOLTSVILLE_IC_2 23691	63.69 4.13 0.00	53.36 3.27 0.00	52.70 2.84 0.00	51.46 2.66 0.00	53.35 2.84 0.00	86.16 4.92 0.00	80.87 4.78 0.00	98.27 7.56 0.07	71.52 5.30 0.00	79.64 5.91 0.05	62.63 4.34 -1.01	59.63 4.36 0.00	73.87 5.37 0.00	72.50 5.30 0.05	65.45 4.68 0.01	63.95 4.49 0.00	71.70 5.68 -0.30	79.59 6.68 0.00	68.51 5.43 0.04	61.47 4.58 0.03	55.30 4.32 0.01	54.81 4.40 0.00	50.76 3.97 0.00	67.21 4.96 0.00
HOLTSVILLE_IC_3 23692	63.69 4.13 0.00	53.36 3.27 0.00	52.70 2.84 0.00	51.46 2.66 0.00	53.35 2.84 0.00	86.16 4.92 0.00	80.87 4.78 0.00	98.27 7.56 0.07	71.52 5.30 0.00	79.64 5.91 0.05	62.63 4.34 -1.01	59.63 4.36 0.00	73.87 5.37 0.00	72.50 5.30 0.05	65.45 4.68 0.01	63.95 4.49 0.00	71.70 5.68 -0.30	79.59 6.68 0.00	68.51 5.43 0.04	61.47 4.58 0.03	55.30 4.32 0.01	54.81 4.40 0.00	50.76 3.97 0.00	67.21 4.96 0.00
HOLTSVILLE_IC_4 23693	63.69 4.13 0.00	53.36 3.27 0.00	52.70 2.84 0.00	51.46 2.66 0.00	53.35 2.84 0.00	86.16 4.92 0.00	80.87 4.78 0.00	98.27 7.56 0.07	71.52 5.30 0.00	79.64 5.91 0.05	62.63 4.34 -1.01	59.63 4.36 0.00	73.87 5.37 0.00	72.50 5.30 0.05	65.45 4.68 0.01	63.95 4.49 0.00	71.70 5.68 -0.30	79.59 6.68 0.00	68.51 5.43 0.04	61.47 4.58 0.03	55.30 4.32 0.01	54.81 4.40 0.00	50.76 3.97 0.00	67.21 4.96 0.00
HOLTSVILLE_IC_5 23694	63.69 4.13 0.00	53.36 3.27 0.00	52.70 2.84 0.00	51.46 2.66 0.00	53.35 2.84 0.00	86.16 4.92 0.00	80.87 4.78 0.00	98.27 7.56 0.07	71.52 5.30 0.00	79.64 5.91 0.05	62.63 4.34 -1.01	59.63 4.36 0.00	73.87 5.37 0.00	72.50 5.30 0.05	65.45 4.68 0.01	63.95 4.49 0.00	71.70 5.68 -0.30	79.59 6.68 0.00	68.51 5.43 0.04	61.47 4.58 0.03	55.30 4.32 0.01	54.81 4.40 0.00	50.76 3.97 0.00	67.21 4.96 0.00
HOLTSVILLE_IC_6 23695	64.03 4.48 0.00	53.62 3.53 0.00	52.95 3.09 0.00	51.70 2.90 0.00	53.60 3.10 0.00	86.61 5.36 0.00	81.32 5.23 0.00	98.84 8.13 0.07	71.96 5.75 0.00	80.14 6.40 0.05	62.96 4.68 -1.01	59.94 4.67 0.00	74.30 5.81 0.00	72.93 5.72 0.05	65.86 5.09 0.01	64.37 4.91 0.00	72.21 6.19 -0.31	80.18 7.26 0.00	69.00 5.92 0.04	61.89 5.01 0.03	55.65 4.66 0.01	55.12 4.71 0.00	51.01 4.23 0.00	67.51 5.26 0.00
HOLTSVILLE_IC_7 23696	64.03 4.48 0.00	53.62 3.53 0.00	52.95 3.09 0.00	51.70 2.90 0.00	53.60 3.10 0.00	86.61 5.36 0.00	81.32 5.23 0.00	98.84 8.13 0.07	71.96 5.75 0.00	80.14 6.40 0.05	62.96 4.68 -1.01	59.94 4.67 0.00	74.30 5.81 0.00	72.93 5.72 0.05	65.86 5.09 0.01	64.37 4.91 0.00	72.21 6.19 -0.31	80.18 7.26 0.00	69.00 5.92 0.04	61.89 5.01 0.03	55.65 4.66 0.01	55.12 4.71 0.00	51.01 4.23 0.00	67.51 5.26 0.00
HOLTSVILLE_IC_8 23697	64.03 4.48 0.00	53.62 3.53 0.00	52.95 3.09 0.00	51.70 2.90 0.00	53.60 3.10 0.00	86.61 5.36 0.00	81.32 5.23 0.00	98.84 8.13 0.07	71.96 5.75 0.00	80.14 6.40 0.05	62.96 4.68 -1.01	59.94 4.67 0.00	74.30 5.81 0.00	72.93 5.72 0.05	65.86 5.09 0.01	64.37 4.91 0.00	72.21 6.19 -0.31	80.18 7.26 0.00	69.00 5.92 0.04	61.89 5.01 0.03	55.65 4.66 0.01	55.12 4.71 0.00	51.01 4.23 0.00	67.51 5.26 0.00
HOLTSVILLE_IC_9 23698	64.03 4.48 0.00	53.62 3.53 0.00	52.95 3.09 0.00	51.70 2.90 0.00	53.60 3.10 0.00	86.61 5.36 0.00	81.32 5.23 0.00	98.84 8.13 0.07	71.96 5.75 0.00	80.14 6.40 0.05	62.96 4.68 -1.01	59.94 4.67 0.00	74.30 5.81 0.00	72.93 5.72 0.05	65.86 5.09 0.01	64.37 4.91 0.00	72.21 6.19 -0.31	80.18 7.26 0.00	69.00 5.92 0.04	61.89 5.01 0.03	55.65 4.66 0.01	55.12 4.71 0.00	51.01 4.23 0.00	67.51 5.26 0.00
HOMER_HL_115KV_TB2 355744	57.11 -2.45 0.00	47.94 -2.15 0.00	47.56 -2.31 0.00	46.73 -2.06 0.00	48.53 -1.98 0.00	77.84 -3.40 0.00	72.11 -3.98 0.00	83.44 -4.93 2.41	62.36 -3.86 0.00	67.22 -4.81 1.76	53.85 -3.42 0.00	51.64 -3.62 0.00	64.03 -4.46 0.00	58.99 -3.82 4.44	53.28 -3.62 3.88	51.50 -3.96 3.99	47.99 -4.97 12.76	63.73 -4.33 4.85	52.12 -4.14 6.86	47.03 -3.96 5.91	42.66 -3.78 4.55	42.17 -3.56 4.68	42.83 -3.20 0.76	58.30 -3.96 0.00
HOWARD_WT_PWR 323690	55.49 -4.07 0.00	46.44 -3.65 0.00	46.48 -3.38 0.00	45.55 -3.25 0.00	47.54 -2.97 0.00	77.33 -3.92 0.00	73.04 -3.05 0.00	85.63 -3.80 1.35	63.71 -2.51 0.00	69.29 -3.52 0.99	53.59 -3.69 0.00	51.23 -4.03 0.00	63.34 -5.15 0.00	92.18 -5.22 -30.15	94.02 -5.05 -38.29	96.20 -5.52 -42.26	113.68 -5.60 -53.56	118.61 -5.74 -51.43	113.05 -5.49 -55.42	103.56 -5.49 -52.14	92.27 -4.98 -46.26	95.19 -5.03 -49.81	50.06 -4.78 -8.06	55.69 -6.56 0.00

HQ_GEN_CEDARS 23644	59.02 -0.54 0.00	49.60 -0.50 0.00	49.58 -0.29 0.00	49.07 0.27 0.00	51.71 1.20 0.00	83.66 2.41 0.00	79.66 3.57 0.00	94.97 4.19 0.00	68.69 2.48 0.00	76.29 2.50 0.00	59.52 2.25 0.00	56.70 1.44 0.00	70.19 1.70 0.00	68.61 1.36 0.00	62.20 1.43 0.00	61.07 1.61 0.00	67.68 1.97 0.00	74.79 1.88 0.00	64.88 1.75 0.00	58.45 1.54 0.00	51.95 0.96 0.00	47.25 0.35 3.51	45.54 -0.57 0.68	107.61 -1.45 -46.80
HQ_GEN_CEDARS_PROXY 323590	59.02 -0.54 0.00	49.60 -0.49 0.00	49.58 -0.29 0.00	49.07 0.28 0.00	51.70 1.20 0.00	83.66 2.41 0.00	79.66 3.57 0.00	94.98 4.20 0.00	68.69 2.48 0.00	75.54 2.50 0.75	59.52 2.25 0.00	56.70 1.44 0.00	70.19 1.70 0.00	68.61 1.36 0.00	62.20 1.42 0.00	61.08 1.62 0.00	67.67 1.96 0.00	74.79 1.88 0.00	64.89 1.77 0.00	58.45 1.54 0.00	51.95 0.96 0.00	47.26 0.35 3.51	45.54 -0.57 0.68	107.61 -1.45 -46.80
HQ_GEN_IMPORT 323601	59.91 0.35 0.00	50.45 0.36 0.00	50.26 0.39 0.00	49.20 0.40 0.00	50.86 0.35 0.00	81.32 0.46 0.39	76.43 0.34 0.00	93.29 -0.29 -2.81	66.00 -0.22 0.00	73.64 -0.15 0.00	57.57 0.30 0.00	55.52 0.25 0.00	68.89 0.39 0.00	67.62 0.37 0.00	61.03 0.25 0.00	59.53 0.07 0.00	65.39 -0.33 0.00	72.13 -0.78 0.00	62.71 -0.41 0.00	56.78 -0.13 0.00	50.79 -0.19 0.00	48.91 -0.12 1.38	46.35 -0.17 0.27	62.47 -0.09 -0.31
HQ_GEN_WHEEL 23651	59.91 0.35 0.00	50.45 0.36 0.00	50.26 0.39 0.00	49.20 0.40 0.00	50.86 0.35 0.00	81.32 0.46 0.39	76.43 0.34 0.00	93.29 -0.29 -2.81	66.00 -0.22 0.00	73.64 -0.15 0.00	57.57 0.30 0.00	55.52 0.25 0.00	68.89 0.39 0.00	67.62 0.37 0.00	61.03 0.25 0.00	59.53 0.07 0.00	65.39 -0.33 0.00	72.13 -0.78 0.00	62.71 -0.41 0.00	56.78 -0.13 0.00	50.79 -0.19 0.00	48.91 -0.12 1.38	46.35 -0.17 0.27	62.47 -0.09 -0.31
HUDSON AVE_GT_3 23810	62.38 2.82 0.00	52.39 2.30 0.00	51.94 2.07 0.00	50.70 1.90 0.00	52.54 2.04 0.00	84.62 3.38 0.00	79.56 3.47 0.00	96.26 5.55 0.07	70.25 4.03 0.00	78.26 4.52 0.05	60.40 3.12 0.00	58.53 3.26 0.00	72.46 3.97 0.00	71.19 3.98 0.05	64.29 3.52 0.01	63.04 3.58 0.00	70.04 4.54 0.22	78.45 5.53 0.00	67.51 4.43 0.04	60.53 3.65 0.03	54.44 3.46 0.01	53.70 3.29 0.00	49.91 3.12 0.00	66.24 3.99 0.00
HUDSON AVE_GT_4 23540	62.38 2.82 0.00	52.39 2.30 0.00	51.94 2.07 0.00	50.70 1.90 0.00	52.54 2.04 0.00	84.62 3.38 0.00	79.56 3.47 0.00	96.26 5.55 0.07	70.25 4.03 0.00	78.26 4.52 0.05	60.40 3.12 0.00	58.53 3.26 0.00	72.46 3.97 0.00	71.19 3.98 0.05	64.29 3.52 0.01	63.04 3.58 0.00	70.04 4.54 0.22	78.45 5.53 0.00	67.51 4.43 0.04	60.53 3.65 0.03	54.44 3.46 0.01	53.70 3.29 0.00	49.91 3.12 0.00	66.24 3.99 0.00
HUDSON AVE_GT_5 23657	62.38 2.82 0.00	52.39 2.30 0.00	51.94 2.07 0.00	50.70 1.90 0.00	52.54 2.04 0.00	84.62 3.38 0.00	79.56 3.47 0.00	96.26 5.55 0.07	70.25 4.03 0.00	78.26 4.52 0.05	60.40 3.12 0.00	58.53 3.26 0.00	72.46 3.97 0.00	71.19 3.98 0.05	64.29 3.52 0.01	63.04 3.58 0.00	70.04 4.54 0.22	78.45 5.53 0.00	67.51 4.43 0.04	60.53 3.65 0.03	54.44 3.46 0.01	53.70 3.29 0.00	49.91 3.12 0.00	66.24 3.99 0.00
HUDSON_AVE_10 24168	62.14 2.59 0.00	52.18 2.10 0.00	51.74 1.88 0.00	50.51 1.72 0.00	52.32 1.82 0.00	84.30 3.05 0.00	79.30 3.21 0.00	95.94 5.23 0.07	70.01 3.79 0.00	77.98 4.24 0.05	60.17 2.89 0.00	58.31 3.05 0.00	72.19 3.70 0.00	70.93 3.73 0.05	64.06 3.29 0.01	62.82 3.35 0.00	69.80 4.30 0.22	78.18 5.26 0.00	67.29 4.21 0.04	60.33 3.45 0.03	54.25 3.27 0.01	53.50 3.09 0.00	49.70 2.91 0.00	65.98 3.73 0.00
HUDSON___115KV_TB 4 355613	62.69 3.13 0.00	52.62 2.54 0.00	52.35 2.48 0.00	51.19 2.40 0.00	53.01 2.51 0.00	85.46 4.22 0.00	80.73 4.64 0.00	97.54 6.76 0.00	71.34 5.12 0.00	79.28 5.49 0.00	61.23 3.96 0.00	59.06 3.79 0.00	72.97 4.48 0.00	71.66 4.41 0.00	64.96 4.19 0.00	63.84 4.38 0.00	70.92 5.20 0.00	78.18 5.26 0.00	67.26 4.13 0.00	60.42 3.51 0.00	54.13 3.14 0.00	53.36 2.95 0.00	49.67 2.88 0.00	65.86 3.60 0.00
HUNTER MOUNT___DRP 323613	63.14 3.58 0.00	53.00 2.91 0.00	52.71 2.85 0.00	51.56 2.76 0.00	53.39 2.89 0.00	86.10 4.85 0.00	81.37 5.28 0.00	98.35 7.57 0.00	71.97 5.75 0.00	79.96 6.17 0.00	61.76 4.49 0.00	59.52 4.25 0.00	73.53 5.03 0.00	72.21 4.96 0.00	65.46 4.68 0.00	64.35 4.88 0.00	71.51 5.79 0.00	78.82 5.90 0.00	67.78 4.66 0.00	60.86 3.95 0.00	54.51 3.52 0.00	53.72 3.31 0.00	49.95 3.17 0.00	66.20 3.95 0.00
HUNTINGTON_RES_REC 323705	63.68 4.12 0.00	53.34 3.25 0.00	52.67 2.80 0.00	51.42 2.62 0.00	53.31 2.80 0.00	86.09 4.85 0.00	80.84 4.75 0.00	98.24 7.54 0.07	71.45 5.23 0.00	79.55 5.81 0.05	62.68 4.40 -1.01	59.67 4.41 0.00	73.90 5.41 0.00	72.52 5.32 0.05	65.47 4.70 0.01	63.95 4.49 0.00	71.68 5.65 -0.31	79.60 6.69 0.00	68.54 5.46 0.04	61.51 4.62 0.03	55.33 4.34 0.01	54.77 4.37 0.00	50.72 3.93 0.00	67.15 4.89 0.00
HUNTLEY___63 23557	55.93 -3.63 0.00	47.15 -2.94 0.00	46.76 -3.11 0.00	45.92 -2.87 0.00	47.45 -3.06 0.00	76.05 -5.20 0.00	70.82 -5.27 0.00	79.88 -7.98 2.92	61.00 -5.22 0.00	65.25 -6.43 2.11	52.53 -4.75 0.00	49.95 -5.32 0.00	61.80 -6.69 0.00	50.05 -6.50 10.70	43.67 -5.79 11.32	41.79 -5.55 12.12	33.95 -6.46 25.30	52.30 -5.88 14.74	39.66 -5.47 17.99	35.64 -5.03 16.24	32.88 -4.60 13.50	31.70 -4.45 14.27	40.51 -3.97 2.31	57.15 -5.11 0.00
HUNTLEY___64 23558	55.93 -3.63 0.00	47.15 -2.94 0.00	46.76 -3.11 0.00	45.92 -2.87 0.00	47.45 -3.06 0.00	76.05 -5.20 0.00	70.82 -5.27 0.00	79.88 -7.98 2.92	61.00 -5.22 0.00	65.25 -6.43 2.11	52.53 -4.75 0.00	49.95 -5.32 0.00	61.80 -6.69 0.00	50.05 -6.50 10.70	43.67 -5.79 11.32	41.79 -5.55 12.12	33.95 -6.46 25.30	52.30 -5.88 14.74	39.66 -5.47 17.99	35.64 -5.03 16.24	32.88 -4.60 13.50	31.70 -4.45 14.27	40.51 -3.97 2.31	57.15 -5.11 0.00
HUNTLEY___65 23559	55.93 -3.63 0.00	47.15 -2.94 0.00	46.76 -3.11 0.00	45.92 -2.87 0.00	47.45 -3.06 0.00	76.05 -5.20 0.00	70.82 -5.27 0.00	79.88 -7.98 2.92	61.00 -5.22 0.00	65.25 -6.43 2.11	52.53 -4.75 0.00	49.95 -5.32 0.00	61.80 -6.69 0.00	50.05 -6.50 10.70	43.67 -5.79 11.32	41.79 -5.55 12.12	33.95 -6.46 25.30	52.30 -5.88 14.74	39.66 -5.47 17.99	35.64 -5.03 16.24	32.88 -4.60 13.50	31.70 -4.45 14.27	40.51 -3.97 2.31	57.15 -5.11 0.00
HUNTLEY___66 23560	55.93 -3.63 0.00	47.15 -2.94 0.00	46.76 -3.11 0.00	45.92 -2.87 0.00	47.45 -3.06 0.00	76.05 -5.20 0.00	70.82 -5.27 0.00	79.88 -7.98 2.92	61.00 -5.22 0.00	65.25 -6.43 2.11	52.53 -4.75 0.00	49.95 -5.32 0.00	61.80 -6.69 0.00	50.05 -6.50 10.70	43.67 -5.79 11.32	41.79 -5.55 12.12	33.95 -6.46 25.30	52.30 -5.88 14.74	39.66 -5.47 17.99	35.64 -5.03 16.24	32.88 -4.60 13.50	31.70 -4.45 14.27	40.51 -3.97 2.31	57.15 -5.11 0.00



HUNTLEY___67 23561	55.56 -4.00 0.00	46.81 -3.29 0.00	46.45 -3.42 0.00	45.63 -3.17 0.00	47.13 -3.38 0.00	75.53 -5.71 0.00	70.29 -5.80 0.00	79.10 -8.46 3.22	60.50 -5.71 0.00	64.47 -6.98 2.34	52.10 -5.17 0.00	49.56 -5.71 0.00	61.36 -7.13 0.00	47.84 -7.05 12.36	41.30 -6.32 13.15	39.22 -6.13 14.11	29.72 -7.02 28.98	49.22 -6.53 17.16	36.21 -6.07 20.84	32.43 -5.64 18.84	30.07 -5.22 15.70	28.77 -5.04 16.60	39.66 -4.44 2.69	56.59 -5.67 0.00
HUNTLEY___68 23562	55.56 -4.00 0.00	46.81 -3.29 0.00	46.45 -3.42 0.00	45.63 -3.17 0.00	47.13 -3.38 0.00	75.53 -5.71 0.00	70.29 -5.80 0.00	79.10 -8.46 3.22	60.50 -5.71 0.00	64.47 -6.98 2.34	52.10 -5.17 0.00	49.56 -5.71 0.00	61.36 -7.13 0.00	47.84 -7.05 12.36	41.30 -6.32 13.15	39.22 -6.13 14.11	29.72 -7.02 28.98	49.22 -6.53 17.16	36.21 -6.07 20.84	32.43 -5.64 18.84	30.07 -5.22 15.70	28.77 -5.04 16.60	39.66 -4.44 2.69	56.59 -5.67 0.00
HYLAND___LFG 323620	59.42 -0.13 0.00	49.87 -0.22 0.00	49.59 -0.28 0.00	48.65 -0.15 0.00	50.56 0.05 0.00	81.70 0.45 0.00	77.02 0.93 0.00	90.83 0.88 0.82	66.96 0.74 0.00	73.06 -0.13 0.60	56.58 -0.70 0.00	53.43 -1.84 0.00	65.91 -2.58 0.00	98.18 -2.35 -33.28	99.56 -3.02 -41.80	102.19 -3.33 -46.07	122.90 -3.18 -60.36	126.63 -2.35 -56.07	121.67 -2.28 -60.82	111.58 -2.42 -57.09	99.23 -2.24 -50.48	103.41 -1.29 -54.30	54.60 -0.97 -8.78	60.75 -1.50 0.00
INDECK___CORINTH 23802	61.18 1.62 0.00	51.34 1.25 0.00	51.06 1.19 0.00	49.88 1.08 0.00	51.63 1.12 0.00	83.65 2.41 0.00	79.27 3.17 0.00	96.01 5.24 0.00	70.21 4.00 0.00	78.10 4.31 0.00	60.11 2.83 0.00	58.11 2.84 0.00	71.92 3.43 0.00	70.13 2.88 0.00	63.65 2.87 0.00	62.12 2.66 0.00	69.28 3.56 0.00	77.10 4.18 0.00	66.55 3.42 0.00	59.80 2.89 0.00	53.55 2.57 0.00	52.61 2.20 0.00	48.67 1.88 0.00	64.47 2.21 0.00
INDECK___ILION 23567	59.96 0.41 0.00	50.36 0.27 0.00	50.13 0.26 0.00	49.02 0.23 0.00	50.80 0.29 0.00	81.84 0.59 0.00	76.69 0.60 0.00	92.16 1.38 0.00	67.29 1.07 0.00	74.98 1.19 0.00	57.89 0.62 0.00	55.83 0.57 0.00	69.19 0.70 0.00	68.02 0.77 0.00	61.47 0.69 0.00	60.31 0.85 0.00	66.85 1.13 0.00	74.26 1.35 0.00	64.15 1.03 0.00	57.69 0.78 0.00	51.72 0.74 0.00	51.53 0.64 -0.48	47.51 0.62 -0.09	62.90 0.65 0.00
INDECK___OLEAN 23982	57.11 -2.45 0.00	47.95 -2.14 0.00	47.56 -2.31 0.00	46.73 -2.07 0.00	48.52 -1.99 0.00	77.85 -3.40 0.00	72.12 -3.97 0.00	83.47 -4.90 2.41	62.35 -3.86 0.00	67.17 -4.86 1.76	53.88 -3.39 0.00	51.68 -3.59 0.00	64.03 -4.46 0.00	59.06 -3.75 4.44	53.36 -3.54 3.88	51.59 -3.88 3.99	47.82 -5.13 12.76	63.74 -4.32 4.85	52.17 -4.09 6.86	47.08 -3.92 5.91	42.72 -3.73 4.55	42.29 -3.43 4.68	42.84 -3.19 0.76	58.29 -3.97 0.00
INDECK___OSWEGO 23783	57.27 -2.29 0.00	48.14 -1.95 0.00	47.93 -1.93 0.00	46.93 -1.86 0.00	48.63 -1.88 0.00	78.30 -2.94 0.00	73.52 -2.57 0.00	87.84 -2.93 0.00	63.86 -2.36 0.00	71.10 -2.69 0.00	55.00 -2.28 0.00	52.98 -2.28 0.00	65.63 -2.86 0.00	64.35 -2.90 0.00	58.26 -2.52 0.00	57.14 -2.32 0.00	63.36 -2.36 0.00	70.49 -2.42 0.00	60.94 -2.19 0.00	54.84 -2.08 0.00	49.11 -1.88 0.00	48.51 -1.90 0.00	44.97 -1.82 0.00	61.81 -2.54 -2.09
INDECK___YERKES 23781	55.97 -3.59 0.00	47.19 -2.90 0.00	46.80 -3.07 0.00	45.97 -2.82 0.00	47.48 -3.03 0.00	76.12 -5.12 0.00	70.88 -5.21 0.00	79.96 -7.90 2.92	61.05 -5.17 0.00	65.28 -6.40 2.11	52.59 -4.69 0.00	50.02 -5.25 0.00	61.87 -6.62 0.00	50.21 -6.34 10.70	43.86 -5.60 11.32	41.94 -5.40 12.12	33.81 -6.60 25.30	52.37 -5.80 14.74	39.77 -5.36 17.99	35.78 -4.89 16.24	33.02 -4.47 13.50	31.90 -4.24 14.27	40.57 -3.91 2.31	57.18 -5.08 0.00
INDIAN POINT_GT_1 24139	61.99 2.44 0.00	52.04 1.95 0.00	51.61 1.74 0.00	50.39 1.60 0.00	52.24 1.73 0.00	84.22 2.97 0.00	79.08 2.99 0.00	95.60 4.90 0.07	69.68 3.47 0.00	77.56 3.82 0.05	59.86 2.58 0.00	57.97 2.70 0.00	71.79 3.30 0.00	70.53 3.32 0.05	63.71 2.94 0.01	62.47 3.01 0.00	69.44 3.94 0.22	77.75 4.84 0.00	66.98 3.90 0.04	60.09 3.20 0.03	54.00 3.02 0.01	53.25 2.84 0.00	49.47 2.68 0.00	65.67 3.42 0.00
INDIAN POINT_GT_2 23659	61.99 2.44 0.00	52.04 1.95 0.00	51.61 1.74 0.00	50.39 1.60 0.00	52.24 1.73 0.00	84.22 2.97 0.00	79.08 2.99 0.00	95.60 4.90 0.07	69.68 3.47 0.00	77.56 3.82 0.05	59.86 2.58 0.00	57.97 2.70 0.00	71.79 3.30 0.00	70.53 3.32 0.05	63.71 2.94 0.01	62.47 3.01 0.00	69.44 3.94 0.22	77.75 4.84 0.00	66.98 3.90 0.04	60.09 3.20 0.03	54.00 3.02 0.01	53.25 2.84 0.00	49.47 2.68 0.00	65.67 3.42 0.00
INDIAN POINT_GT_3 24019	61.99 2.44 0.00	52.04 1.95 0.00	51.61 1.74 0.00	50.39 1.60 0.00	52.24 1.73 0.00	84.22 2.97 0.00	79.08 2.99 0.00	95.60 4.90 0.07	69.68 3.47 0.00	77.56 3.82 0.05	59.86 2.58 0.00	57.97 2.70 0.00	71.79 3.30 0.00	70.53 3.32 0.05	63.71 2.94 0.01	62.47 3.01 0.00	69.44 3.94 0.22	77.75 4.84 0.00	66.98 3.90 0.04	60.09 3.20 0.03	54.00 3.02 0.01	53.25 2.84 0.00	49.47 2.68 0.00	65.67 3.42 0.00
INDIAN POINT___2 23530	61.89 2.33 0.00	51.95 1.86 0.00	51.51 1.65 0.00	50.30 1.50 0.00	52.15 1.64 0.00	84.08 2.83 0.00	78.95 2.86 0.00	95.41 4.71 0.07	69.55 3.33 0.00	77.40 3.66 0.05	59.73 2.45 0.00	57.85 2.58 0.00	71.64 3.15 0.00	70.37 3.16 0.05	63.55 2.78 0.01	62.35 2.89 0.00	69.32 3.82 0.22	77.61 4.69 0.00	66.85 3.77 0.04	59.97 3.08 0.03	53.89 2.91 0.01	53.15 2.74 0.00	49.38 2.59 0.00	65.57 3.32 0.00
INDIAN POINT___3 23531	61.93 2.37 0.00	51.99 1.90 0.00	51.56 1.70 0.00	50.34 1.55 0.00	52.19 1.68 0.00	84.13 2.88 0.00	78.98 2.89 0.00	95.47 4.77 0.07	69.59 3.37 0.00	77.46 3.72 0.05	59.78 2.50 0.00	57.89 2.63 0.00	71.68 3.19 0.00	70.42 3.21 0.05	63.61 2.84 0.01	62.37 2.91 0.00	69.33 3.83 0.22	77.63 4.72 0.00	66.88 3.79 0.04	60.00 3.12 0.03	53.92 2.94 0.01	53.18 2.77 0.00	49.41 2.62 0.00	65.60 3.35 0.00
INGHAM_C_115KV_TB7 356103	60.09 0.53 0.00	50.38 0.29 0.00	50.14 0.27 0.00	48.99 0.19 0.00	50.82 0.32 0.00	81.99 0.75 0.00	76.84 0.75 0.00	92.98 2.21 0.00	68.03 1.81 0.00	75.75 1.96 0.00	58.18 0.90 0.00	56.08 0.82 0.00	69.55 1.06 0.00	68.48 1.23 0.00	61.84 1.06 0.00	60.84 1.38 0.00	67.59 1.87 0.00	75.11 2.20 0.00	64.77 1.65 0.00	58.11 1.20 0.00	52.14 1.16 0.00	51.87 0.98 -0.48	47.87 0.99 -0.09	63.20 0.95 0.00
IP CORINTH___1 23988	61.51 1.95 0.00	51.61 1.53 0.00	51.34 1.47 0.00	50.15 1.35 0.00	51.91 1.40 0.00	84.12 2.87 0.00	79.69 3.60 0.00	96.49 5.72 0.00	70.58 4.36 0.00	78.50 4.71 0.00	60.41 3.14 0.00	58.41 3.14 0.00	72.29 3.80 0.00	70.52 3.27 0.00	63.97 3.19 0.00	62.46 3.00 0.00	69.64 3.92 0.00	77.50 4.58 0.00	66.90 3.77 0.00	60.12 3.21 0.00	53.84 2.85 0.00	52.89 2.48 0.00	48.91 2.13 0.00	64.80 2.55 0.00

IP___TICONDEROGA 23804	64.05 4.49 0.00	53.63 3.54 0.00	53.37 3.50 0.00	52.07 3.28 0.00	53.85 3.35 0.00	87.65 6.40 0.00	83.38 7.30 0.00	100.83 10.05 0.00	73.76 7.55 0.00	81.84 8.05 0.00	62.38 5.10 0.00	60.44 5.17 0.00	75.17 6.68 0.00	73.55 6.30 0.00	67.13 6.35 0.00	64.99 5.53 0.00	72.53 6.81 0.00	80.64 7.72 0.00	69.65 6.52 0.00	62.63 5.72 0.00	56.12 5.13 0.00	54.94 4.54 0.00	50.72 3.93 0.00	67.23 4.98 0.00
ISLIP_RES_REC 323679	64.24 4.68 0.00	53.79 3.70 0.00	53.11 3.24 0.00	51.85 3.06 0.00	53.78 3.28 0.00	86.91 5.66 0.00	81.65 5.56 0.00	99.28 8.58 0.07	72.29 6.07 0.00	80.53 6.79 0.05	63.26 4.98 -1.00	60.25 4.98 0.00	74.67 6.18 0.00	73.30 6.10 0.05	66.20 5.43 0.01	64.71 5.25 0.00	72.60 6.57 -0.31	80.63 7.72 0.00	69.36 6.28 0.04	62.21 5.33 0.03	55.91 4.93 0.01	55.35 4.94 0.00	51.22 4.43 0.00	67.72 5.47 0.00
JAMAICA__27_KV_LOAD 355505	62.55 3.00 0.00	52.50 2.40 0.00	52.06 2.20 0.00	50.83 2.03 0.00	52.60 2.10 0.00	84.80 3.55 0.00	79.88 3.79 0.00	96.63 5.93 0.07	70.53 4.31 0.00	78.55 4.81 0.05	60.55 3.28 0.00	58.71 3.45 0.00	72.70 4.21 0.00	71.44 4.23 0.05	64.50 3.73 0.01	63.28 3.81 0.00	70.30 4.79 0.22	78.73 5.82 0.00	67.77 4.69 0.04	60.77 3.89 0.03	54.65 3.67 0.01	53.86 3.45 0.00	50.00 3.21 0.00	66.37 4.12 0.00
JANIS___SOLAR 323808	60.97 1.41 0.00	51.18 1.09 0.00	50.96 1.09 0.00	49.81 1.01 0.00	51.72 1.21 0.00	83.59 2.34 0.00	79.43 3.34 0.00	104.52 14.04 0.30	74.83 8.61 0.00	82.43 8.86 0.22	63.50 6.22 0.00	61.20 5.93 0.00	75.40 6.91 0.00	73.90 6.84 0.19	67.57 6.82 0.03	66.59 7.13 0.00	72.93 8.13 0.92	75.46 2.55 0.00	65.50 2.53 0.14	58.83 2.01 0.09	52.65 1.67 0.02	51.81 1.40 0.00	47.81 1.03 0.00	63.42 1.16 0.00
JARVIS____ 23743	59.66 0.10 0.00	50.15 0.05 0.00	49.92 0.06 0.00	48.85 0.06 0.00	50.60 0.09 0.00	81.43 0.18 0.00	76.25 0.16 0.00	91.17 0.39 0.00	66.50 0.28 0.00	74.16 0.37 0.00	57.45 0.17 0.00	55.43 0.17 0.00	68.67 0.18 0.00	67.45 0.19 0.00	60.96 0.18 0.00	59.70 0.24 0.00	66.05 0.33 0.00	73.32 0.40 0.00	63.41 0.29 0.00	57.08 0.17 0.00	51.18 0.19 0.00	51.09 0.20 -0.48	47.07 0.19 -0.09	62.47 0.22 0.00
JENNISON___1 23625	59.95 0.40 0.00	50.44 0.36 0.00	50.43 0.56 0.00	49.27 0.47 0.00	51.21 0.70 0.00	82.65 1.41 0.00	77.89 1.80 0.00	95.86 5.38 0.30	69.57 3.35 0.00	77.03 3.46 0.22	59.60 2.33 0.00	57.55 2.28 0.00	71.17 2.68 0.00	69.64 2.58 0.19	63.31 2.57 0.03	62.00 2.54 0.00	67.87 3.07 0.92	74.51 1.60 0.00	64.34 1.42 0.20	57.78 1.00 0.13	51.78 0.82 0.03	50.95 0.54 0.00	46.97 0.18 0.00	62.50 0.25 0.00
JENNISON___2 23626	59.95 0.40 0.00	50.44 0.36 0.00	50.43 0.56 0.00	49.27 0.47 0.00	51.21 0.70 0.00	82.65 1.41 0.00	77.89 1.80 0.00	95.86 5.38 0.30	69.57 3.35 0.00	77.03 3.46 0.22	59.60 2.33 0.00	57.55 2.28 0.00	71.17 2.68 0.00	69.64 2.58 0.19	63.31 2.57 0.03	62.00 2.54 0.00	67.87 3.07 0.92	74.51 1.60 0.00	64.34 1.42 0.20	57.78 1.00 0.13	51.78 0.82 0.03	50.95 0.54 0.00	46.97 0.18 0.00	62.50 0.25 0.00
JERICHO_RISE_WT_PWR 323719	60.62 1.06 0.00	51.03 0.93 0.00	50.99 1.12 0.00	49.78 0.99 0.00	51.29 0.79 0.00	82.42 1.18 0.00	77.26 1.17 0.00	91.18 0.40 0.00	66.47 0.25 0.00	74.52 0.74 0.00	58.51 1.23 0.00	56.41 1.15 0.00	70.27 1.78 0.00	68.72 1.47 0.00	62.19 1.40 0.00	60.44 0.98 0.00	65.54 -0.18 0.00	71.77 -1.15 0.00	62.66 -0.46 0.00	56.60 -0.31 0.00	50.18 -0.81 0.00	41.37 -1.37 7.67	43.61 -1.68 1.50	-15.09 -2.45 74.89
KATONAH___115KV_46KV_TB4 355592	62.61 3.06 0.00	52.56 2.47 0.00	52.12 2.25 0.00	50.89 2.09 0.00	52.76 2.26 0.00	85.04 3.79 0.00	79.89 3.80 0.00	96.56 5.85 0.07	70.46 4.25 0.00	78.44 4.70 0.05	60.54 3.26 0.00	58.62 3.35 0.00	72.57 4.08 0.00	71.28 4.08 0.04	64.40 3.63 0.01	63.13 3.67 0.00	70.17 4.67 0.21	78.58 5.67 0.00	67.70 4.62 0.04	60.74 3.86 0.03	54.53 3.55 0.01	53.78 3.37 0.00	49.94 3.15 0.00	66.23 3.98 0.00
KCE_NY_1 323755	62.31 2.75 0.00	52.31 2.22 0.00	52.03 2.17 0.00	50.85 2.06 0.00	52.64 2.14 0.00	85.23 3.99 0.00	80.58 4.49 0.00	97.02 6.24 0.00	70.93 4.71 0.00	78.89 5.10 0.00	60.89 3.61 0.00	59.02 3.76 0.00	72.81 4.31 0.00	71.31 4.06 0.00	64.61 3.83 0.00	63.22 3.76 0.00	70.35 4.64 0.00	78.38 5.46 0.00	67.65 4.53 0.00	60.78 3.87 0.00	54.47 3.48 0.00	53.59 3.18 0.00	49.68 2.89 0.00	65.85 3.60 0.00
KCE_NY_6_ESR 323823	56.21 -3.35 0.00	47.34 -2.75 0.00	46.99 -2.88 0.00	46.15 -2.64 0.00	47.74 -2.77 0.00	76.54 -4.70 0.00	71.35 -4.74 0.00	80.94 -6.92 2.91	61.56 -4.66 0.00	65.84 -5.82 2.13	52.96 -4.32 0.00	50.42 -4.84 0.00	62.38 -6.11 0.00	48.67 -5.92 12.66	41.79 -5.26 13.73	39.55 -5.14 14.77	30.55 -6.19 28.98	49.51 -5.44 17.96	36.42 -5.17 21.53	32.54 -4.83 19.55	30.04 -4.54 16.41	28.74 -4.28 17.39	40.00 -3.98 2.81	57.20 -5.05 0.00
KEDC_PORT_JEFF_GT2 24210	64.01 4.45 0.00	53.60 3.51 0.00	52.92 3.06 0.00	51.67 2.87 0.00	53.58 3.08 0.00	86.57 5.32 0.00	81.28 5.19 0.00	98.81 8.10 0.07	71.92 5.70 0.00	80.08 6.34 0.05	62.94 4.66 -1.01	59.91 4.65 0.00	74.25 5.76 0.00	72.92 5.72 0.05	65.83 5.06 0.01	64.33 4.87 0.00	72.16 6.14 -0.31	80.13 7.22 0.00	68.98 5.90 0.04	61.87 4.99 0.03	55.63 4.64 0.01	55.10 4.70 0.00	51.00 4.21 0.00	67.47 5.21 0.00
KEDC_PORT_JEFF_GT3 24211	64.01 4.45 0.00	53.60 3.51 0.00	52.92 3.06 0.00	51.67 2.87 0.00	53.58 3.08 0.00	86.57 5.32 0.00	81.28 5.19 0.00	98.81 8.10 0.07	71.92 5.70 0.00	80.08 6.34 0.05	62.94 4.66 -1.01	59.91 4.65 0.00	74.25 5.76 0.00	72.92 5.72 0.05	65.83 5.06 0.01	64.33 4.87 0.00	72.16 6.14 -0.31	80.13 7.22 0.00	68.98 5.90 0.04	61.87 4.99 0.03	55.63 4.64 0.01	55.10 4.70 0.00	51.00 4.21 0.00	67.47 5.21 0.00
KEDC_GLWD_GT4 24219	62.44 2.89 0.00	52.41 2.32 0.00	51.90 2.03 0.00	50.69 1.90 0.00	52.59 2.08 0.00	84.79 3.54 0.00	79.66 3.57 0.00	96.55 5.84 0.07	70.35 4.13 0.00	78.33 4.60 0.05	61.08 3.30 -0.50	58.65 3.39 0.00	72.59 4.10 0.00	71.29 4.09 0.05	64.39 3.62 0.01	63.08 3.62 0.00	71.05 4.66 -0.68	78.52 5.60 0.00	67.60 4.52 0.04	60.66 3.77 0.03	54.53 3.55 0.01	53.84 3.43 0.00	50.14 3.35 0.00	66.66 4.41 0.00
KEDC_GLWD_GT5 24220	62.44 2.89 0.00	52.41 2.32 0.00	51.90 2.03 0.00	50.69 1.90 0.00	52.59 2.08 0.00	84.79 3.54 0.00	79.66 3.57 0.00	96.55 5.84 0.07	70.35 4.13 0.00	78.33 4.60 0.05	61.08 3.30 -0.50	58.65 3.39 0.00	72.59 4.10 0.00	71.29 4.09 0.05	64.39 3.62 0.01	63.08 3.62 0.00	71.05 4.66 -0.68	78.52 5.60 0.00	67.60 4.52 0.04	60.66 3.77 0.03	54.53 3.55 0.01	53.84 3.43 0.00	50.14 3.35 0.00	66.66 4.41 0.00

KENSICO____ 23655	62.20 2.64 0.00	52.21 2.12 0.00	51.77 1.90 0.00	50.54 1.75 0.00	52.39 1.88 0.00	84.44 3.20 0.00	79.30 3.22 0.00	95.88 5.17 0.07	69.93 3.71 0.00	77.85 4.11 0.05	60.08 2.80 0.00	58.18 2.92 0.00	72.05 3.56 0.00	70.77 3.57 0.05	63.93 3.16 0.01	62.70 3.24 0.00	69.66 4.16 0.22	78.00 5.09 0.00	67.18 4.10 0.04	60.26 3.38 0.03	54.16 3.18 0.01	53.42 3.01 0.00	49.63 2.85 0.00	65.90 3.64 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	63.35 3.79 0.00	53.12 3.04 0.00	52.71 2.84 0.00	51.46 2.67 0.00	53.37 2.87 0.00	86.11 4.87 0.00	81.04 4.95 0.00	98.01 7.31 0.08	71.62 5.40 0.00	79.76 6.03 0.06	61.55 4.27 0.00	59.53 4.27 0.00	73.77 5.27 0.00	72.43 5.23 0.05	65.43 4.66 0.01	64.16 4.70 0.00	71.32 5.85 0.25	79.97 7.05 0.00	68.87 5.79 0.05	61.73 4.85 0.03	55.38 4.39 0.01	54.52 4.11 0.00	50.52 3.73 0.00	66.93 4.68 0.00
KIAC_JFK_GT1 23816	62.35 2.79 0.00	52.32 2.23 0.00	51.90 2.03 0.00	50.64 1.85 0.00	52.44 1.93 0.00	84.48 3.23 0.00	79.61 3.52 0.00	96.27 5.57 0.07	70.27 4.05 0.00	78.25 4.51 0.05	60.34 3.07 0.00	58.50 3.24 0.00	72.44 3.95 0.00	71.19 3.98 0.05	64.27 3.49 0.01	63.04 3.58 0.00	70.04 4.54 0.22	78.45 5.54 0.00	67.53 4.44 0.04	60.54 3.65 0.03	54.45 3.47 0.01	53.67 3.26 0.00	49.83 3.04 0.00	66.15 3.90 0.00
KIAC_JFK_GT2 23817	62.35 2.79 0.00	52.32 2.23 0.00	51.90 2.03 0.00	50.64 1.85 0.00	52.44 1.93 0.00	84.48 3.23 0.00	79.61 3.52 0.00	96.27 5.57 0.07	70.27 4.05 0.00	78.25 4.51 0.05	60.34 3.07 0.00	58.50 3.24 0.00	72.44 3.95 0.00	71.19 3.98 0.05	64.27 3.49 0.01	63.04 3.58 0.00	70.04 4.54 0.22	78.45 5.54 0.00	67.53 4.44 0.04	60.54 3.65 0.03	54.45 3.47 0.01	53.67 3.26 0.00	49.83 3.04 0.00	66.15 3.90 0.00
KIAC_JFK____ 323774	62.35 2.79 0.00	52.31 2.23 0.00	51.90 2.03 0.00	50.64 1.84 0.00	52.44 1.93 0.00	84.48 3.23 0.00	79.60 3.51 0.00	96.26 5.55 0.07	70.27 4.06 0.00	78.26 4.52 0.05	60.34 3.07 0.00	58.50 3.24 0.00	72.44 3.95 0.00	71.17 3.97 0.05	64.26 3.48 0.01	63.04 3.58 0.00	70.09 4.59 0.22	78.45 5.54 0.00	67.53 4.44 0.04	60.53 3.64 0.03	54.44 3.45 0.01	53.66 3.25 0.00	49.83 3.05 0.00	66.16 3.91 0.00
KINTIGH____ 23543	55.71 -3.85 0.00	46.94 -3.15 0.00	46.58 -3.28 0.00	45.73 -3.07 0.00	47.24 -3.26 0.00	75.81 -5.43 0.00	70.60 -5.49 0.00	84.31 -7.81 -1.34	60.91 -5.31 0.00	68.25 -6.51 -0.97	52.47 -4.81 0.00	50.03 -5.24 0.00	61.95 -6.54 0.00	56.33 -6.51 4.41	48.58 -5.83 6.36	46.65 -5.67 7.14	53.58 -6.43 5.71	58.18 -6.05 8.68	48.92 -5.56 8.65	43.38 -5.17 8.36	38.49 -4.78 7.72	37.37 -4.64 8.40	41.42 -4.01 1.36	57.12 -5.13 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	61.42 1.86 0.00	51.63 1.54 0.00	51.64 1.77 0.00	50.43 1.63 0.00	52.01 1.50 0.00	83.50 2.25 0.00	78.33 2.24 0.00	92.64 1.86 0.00	67.63 1.41 0.00	75.73 1.94 0.00	59.25 1.98 0.00	57.22 1.95 0.00	71.29 2.79 0.00	69.73 2.48 0.00	63.10 2.33 0.00	61.31 1.85 0.00	66.60 0.88 0.00	72.91 0.00 0.00	63.60 0.47 0.00	57.37 0.46 0.00	50.95 -0.04 0.00	41.72 -0.69 8.00	44.12 -1.11 1.56	-10.42 -1.85 70.83
LACHUTE__HYDRO 323717	64.05 4.49 0.00	53.63 3.54 0.00	53.37 3.50 0.00	52.07 3.28 0.00	53.85 3.35 0.00	87.65 6.40 0.00	83.39 7.29 0.00	100.83 10.05 0.00	73.76 7.54 0.00	81.84 8.05 0.00	62.38 5.10 0.00	60.44 5.18 0.00	75.17 6.68 0.00	73.55 6.30 0.00	67.13 6.35 0.00	65.00 5.54 0.00	72.51 6.79 0.00	80.64 7.72 0.00	69.65 6.52 0.00	62.64 5.73 0.00	56.12 5.13 0.00	54.94 4.54 0.00	50.72 3.93 0.00	67.23 4.97 0.00
LAWRNCV_115KV_TB1 80681	59.02 -0.54 0.00	49.60 -0.50 0.00	49.58 -0.29 0.00	49.07 0.27 0.00	51.71 1.20 0.00	83.66 2.41 0.00	79.66 3.57 0.00	94.97 4.19 0.00	68.69 2.48 0.00	76.29 2.50 0.00	59.52 2.25 0.00	56.70 1.44 0.00	70.19 1.70 0.00	68.61 1.36 0.00	62.20 1.43 0.00	61.07 1.61 0.00	67.68 1.97 0.00	74.79 1.88 0.00	64.88 1.75 0.00	58.45 1.54 0.00	51.95 0.96 0.00	47.25 0.35 3.51	45.54 -0.57 0.68	107.61 -1.45 -46.80
LEDERLE____ 23769	62.03 2.47 0.00	52.06 1.97 0.00	51.63 1.77 0.00	50.41 1.61 0.00	52.27 1.77 0.00	84.32 3.08 0.00	79.20 3.11 0.00	95.76 5.05 0.07	69.76 3.54 0.00	77.63 3.90 0.05	59.91 2.63 0.00	58.02 2.75 0.00	71.84 3.35 0.00	70.59 3.38 0.05	63.76 2.99 0.01	62.53 3.07 0.00	69.52 4.03 0.22	77.90 4.99 0.00	67.10 4.02 0.05	60.22 3.34 0.03	54.10 3.12 0.01	53.31 2.91 0.00	49.52 2.73 0.00	65.76 3.50 0.00
LIGHTHSE_115KV_TB6 355974	57.42 -2.14 0.00	48.26 -1.83 0.00	48.10 -1.77 0.00	47.22 -1.58 0.00	49.07 -1.44 0.00	79.14 -2.11 0.00	74.59 -1.50 0.00	89.10 -1.68 0.00	64.54 -1.68 0.00	71.65 -2.14 0.00	55.46 -1.81 0.00	53.27 -1.99 0.00	65.94 -2.55 0.00	64.30 -2.95 0.00	58.41 -2.37 0.00	57.61 -1.85 0.00	63.98 -1.74 0.00	71.10 -1.81 0.00	61.35 -1.77 0.00	55.09 -1.82 0.00	49.33 -1.66 0.00	48.38 -1.76 0.27	44.86 -1.88 0.05	64.49 -2.76 -5.00
LINDEN COGEN____ 23786	61.85 2.29 0.00	51.99 1.90 0.00	51.54 1.68 0.00	50.32 1.53 0.00	52.14 1.64 0.00	83.91 2.66 0.00	78.87 2.78 0.00	95.43 4.73 0.07	69.61 3.39 0.00	77.52 3.78 0.05	59.80 2.53 0.00	57.99 2.73 0.00	71.77 3.28 0.00	70.51 3.30 0.05	63.66 2.88 0.01	62.44 2.98 0.00	69.46 3.96 0.22	77.74 4.83 0.00	66.94 3.86 0.04	60.01 3.12 0.03	54.01 3.03 0.01	53.27 2.86 0.00	49.53 2.74 0.00	65.76 3.51 0.00
LINDHRST_69_KV_BK1 356055	63.84 4.29 0.00	53.49 3.40 0.00	52.86 2.99 0.00	51.61 2.81 0.00	53.52 3.02 0.00	86.39 5.14 0.00	81.12 5.04 0.00	98.65 7.94 0.07	71.81 5.59 0.00	79.99 6.25 0.05	62.88 4.71 -0.90	59.95 4.69 0.00	74.21 5.72 0.00	72.91 5.70 0.05	65.78 5.01 0.01	64.34 4.88 0.00	72.15 6.07 -0.37	80.11 7.19 0.00	68.97 5.89 0.04	61.92 5.03 0.03	55.70 4.72 0.01	55.10 4.69 0.00	51.02 4.23 0.00	67.58 5.33 0.00
LIPA_MISC_IPP 23656	64.04 4.48 0.00	53.64 3.55 0.00	52.96 3.09 0.00	51.70 2.91 0.00	53.61 3.10 0.00	86.60 5.35 0.00	81.30 5.21 0.00	98.83 8.13 0.07	71.89 5.67 0.00	80.00 6.26 0.05	62.55 4.26 -1.01	59.48 4.22 0.00	73.93 5.44 0.00	72.76 5.55 0.05	65.61 4.83 0.01	64.14 4.68 0.00	71.97 5.95 -0.30	79.91 7.00 0.00	68.76 5.68 0.04	61.68 4.80 0.03	55.45 4.47 0.01	54.92 4.51 0.00	50.80 4.01 0.00	67.21 4.96 0.00
LISF__SOLAR 323691	64.12 4.56 0.00	53.73 3.64 0.00	53.05 3.18 0.00	51.78 2.99 0.00	53.70 3.19 0.00	86.74 5.49 0.00	81.45 5.36 0.00	99.00 8.30 0.07	72.00 5.79 0.00	80.12 6.38 0.05	62.67 4.38 -1.01	59.60 4.33 0.00	74.07 5.58 0.00	72.88 5.67 0.05	65.71 4.93 0.01	64.28 4.81 0.00	72.16 6.14 -0.30	80.12 7.21 0.00	68.94 5.86 0.04	61.81 4.92 0.03	55.56 4.58 0.01	55.02 4.61 0.00	50.89 4.11 0.00	67.31 5.05 0.00

LITTLE FALLS___HYD 24013	60.09 0.53 0.00	50.38 0.29 0.00	50.14 0.27 0.00	48.99 0.19 0.00	50.82 0.32 0.00	81.99 0.75 0.00	76.84 0.75 0.00	92.98 2.21 0.00	68.03 1.81 0.00	75.75 1.96 0.00	58.18 0.90 0.00	56.08 0.82 0.00	69.55 1.06 0.00	68.48 1.23 0.00	61.84 1.06 0.00	60.84 1.38 0.00	67.59 1.87 0.00	75.11 2.20 0.00	64.77 1.65 0.00	58.11 1.20 0.00	52.14 1.16 0.00	51.87 0.98 -0.48	47.87 0.99 -0.09	63.20 0.95 0.00
LITTLRIV_115KV_TB1 356100	60.21 0.65 0.00	50.57 0.48 0.00	50.54 0.67 0.00	50.01 1.22 0.00	52.73 2.23 0.00	85.41 4.16 0.00	81.53 5.44 0.00	97.31 6.53 0.00	70.38 4.17 0.00	78.06 4.27 0.00	60.83 3.56 0.00	57.75 2.49 0.00	71.42 2.93 0.00	70.00 2.75 0.00	63.37 2.59 0.00	62.19 2.73 0.00	69.26 3.54 0.00	76.68 3.77 0.00	66.56 3.44 0.00	59.97 3.06 0.00	53.25 2.27 0.00	48.45 1.54 3.51	46.54 0.43 0.68	108.85 -0.21 -46.80
LI_NEWBRDGE___DRP 323616	62.79 3.23 0.00	52.67 2.58 0.00	52.08 2.21 0.00	50.87 2.08 0.00	52.76 2.25 0.00	85.08 3.83 0.00	79.92 3.83 0.00	97.00 6.29 0.07	70.56 4.34 0.00	78.58 4.84 0.05	61.93 3.58 -1.08	58.89 3.63 0.00	72.88 4.39 0.00	71.57 4.37 0.05	64.61 3.84 0.01	63.19 3.73 0.00	70.75 4.76 -0.27	78.60 5.69 0.00	67.68 4.60 0.04	60.76 3.88 0.03	54.68 3.70 0.01	54.08 3.67 0.00	50.17 3.38 0.00	66.52 4.27 0.00
LOCKPORT_115KV_TB60_63_64 80432	55.30 -4.26 0.00	46.64 -3.45 0.00	46.24 -3.62 0.00	45.44 -3.35 0.00	46.90 -3.61 0.00	75.15 -6.10 0.00	69.89 -6.20 0.00	79.61 -8.71 2.45	60.62 -5.60 0.00	65.15 -6.91 1.73	52.15 -5.12 0.00	49.56 -5.71 0.00	61.30 -7.20 0.00	51.25 -6.92 9.07	45.05 -6.08 9.65	43.31 -5.81 10.34	37.58 -6.83 21.30	54.23 -6.10 12.58	42.28 -5.56 15.29	38.04 -5.06 13.82	34.79 -4.69 11.51	33.70 -4.54 12.17	40.68 -4.14 1.97	56.92 -5.33 0.00
LOCKPORT___CC1 323769	55.19 -4.37 0.00	46.54 -3.55 0.00	46.15 -3.72 0.00	45.36 -3.43 0.00	46.81 -3.70 0.00	74.99 -6.25 0.00	69.75 -6.34 0.00	79.26 -8.94 2.58	60.38 -5.84 0.00	64.79 -7.17 1.83	51.98 -5.29 0.00	49.40 -5.86 0.00	61.11 -7.38 0.00	50.38 -7.13 9.74	44.11 -6.28 10.39	42.34 -5.98 11.14	35.74 -7.18 22.80	52.94 -6.43 13.55	40.98 -5.70 16.44	36.82 -5.22 14.87	33.77 -4.82 12.40	32.73 -4.57 13.11	40.43 -4.24 2.12	56.77 -5.48 0.00
LOCKPORT___CC2 323770	55.19 -4.37 0.00	46.54 -3.55 0.00	46.15 -3.72 0.00	45.36 -3.43 0.00	46.81 -3.70 0.00	74.99 -6.25 0.00	69.75 -6.34 0.00	79.26 -8.94 2.58	60.38 -5.84 0.00	64.79 -7.17 1.83	51.98 -5.29 0.00	49.40 -5.86 0.00	61.11 -7.38 0.00	50.38 -7.13 9.74	44.11 -6.28 10.39	42.34 -5.98 11.14	35.74 -7.18 22.80	52.94 -6.43 13.55	40.98 -5.70 16.44	36.82 -5.22 14.87	33.77 -4.82 12.40	32.73 -4.57 13.11	40.43 -4.24 2.12	56.77 -5.48 0.00
LOCKPORT___CC3 323771	55.19 -4.37 0.00	46.54 -3.55 0.00	46.15 -3.72 0.00	45.36 -3.43 0.00	46.81 -3.70 0.00	74.99 -6.25 0.00	69.75 -6.34 0.00	79.26 -8.94 2.58	60.38 -5.84 0.00	64.79 -7.17 1.83	51.98 -5.29 0.00	49.40 -5.86 0.00	61.11 -7.38 0.00	50.38 -7.13 9.74	44.11 -6.28 10.39	42.34 -5.98 11.14	35.74 -7.18 22.80	52.94 -6.43 13.55	40.98 -5.70 16.44	36.82 -5.22 14.87	33.77 -4.82 12.40	32.73 -4.57 13.11	40.43 -4.24 2.12	56.77 -5.48 0.00
LONG_LAKE_PHOENIX 24014	57.45 -2.10 0.00	48.30 -1.79 0.00	48.05 -1.82 0.00	47.04 -1.75 0.00	48.75 -1.76 0.00	78.50 -2.75 0.00	73.72 -2.36 0.00	88.09 -2.69 0.00	64.23 -1.98 0.00	71.45 -2.34 0.00	55.21 -2.07 0.00	53.22 -2.05 0.00	65.95 -2.54 0.00	64.72 -2.53 0.00	58.53 -2.25 0.00	57.42 -2.04 0.00	63.66 -2.06 0.00	70.90 -2.02 0.00	61.29 -1.84 0.00	55.13 -1.78 0.00	49.36 -1.63 0.00	48.75 -1.66 0.00	45.20 -1.59 0.00	60.07 -2.19 0.00
LOVETT___3 23632	61.69 2.14 0.00	51.79 1.70 0.00	51.36 1.49 0.00	50.15 1.35 0.00	51.99 1.49 0.00	83.84 2.60 0.00	78.73 2.65 0.00	95.15 4.45 0.07	69.31 3.09 0.00	77.15 3.41 0.05	59.52 2.24 0.00	57.65 2.38 0.00	71.39 2.90 0.00	70.13 2.93 0.05	63.37 2.59 0.01	62.13 2.67 0.00	69.07 3.58 0.22	77.37 4.46 0.00	66.66 3.58 0.05	59.81 2.92 0.03	53.75 2.77 0.01	52.98 2.58 0.00	49.22 2.43 0.00	65.38 3.13 0.00
LOVETT___4 23642	61.69 2.14 0.00	51.79 1.70 0.00	51.36 1.49 0.00	50.15 1.35 0.00	51.99 1.49 0.00	83.84 2.60 0.00	78.73 2.65 0.00	95.15 4.45 0.07	69.31 3.09 0.00	77.15 3.41 0.05	59.52 2.24 0.00	57.65 2.38 0.00	71.39 2.90 0.00	70.13 2.93 0.05	63.37 2.59 0.01	62.13 2.67 0.00	69.07 3.58 0.22	77.37 4.46 0.00	66.66 3.58 0.05	59.81 2.92 0.03	53.75 2.77 0.01	52.98 2.58 0.00	49.22 2.43 0.00	65.38 3.13 0.00
LOVETT___5 23593	61.69 2.14 0.00	51.79 1.70 0.00	51.36 1.49 0.00	50.15 1.35 0.00	51.99 1.49 0.00	83.84 2.60 0.00	78.73 2.65 0.00	95.15 4.45 0.07	69.31 3.09 0.00	77.15 3.41 0.05	59.52 2.24 0.00	57.65 2.38 0.00	71.39 2.90 0.00	70.13 2.93 0.05	63.37 2.59 0.01	62.13 2.67 0.00	69.07 3.58 0.22	77.37 4.46 0.00	66.66 3.58 0.05	59.81 2.92 0.03	53.75 2.77 0.01	52.98 2.58 0.00	49.22 2.43 0.00	65.38 3.13 0.00
LOWER RAQUET___HYD 24057	59.02 -0.54 0.00	49.60 -0.49 0.00	49.58 -0.29 0.00	49.07 0.28 0.00	51.70 1.20 0.00	83.66 2.41 0.00	79.66 3.57 0.00	94.98 4.20 0.00	68.69 2.48 0.00	76.29 2.50 0.00	59.52 2.25 0.00	56.70 1.44 0.00	70.19 1.70 0.00	68.61 1.36 0.00	62.20 1.42 0.00	61.08 1.62 0.00	67.67 1.96 0.00	74.79 1.88 0.00	64.89 1.77 0.00	58.45 1.54 0.00	51.95 0.96 0.00	47.26 0.35 3.51	45.54 -0.57 0.68	107.61 -1.45 -46.80
LOWER___HUDSON 24059	61.87 2.31 0.00	51.95 1.86 0.00	51.65 1.78 0.00	50.49 1.69 0.00	52.24 1.73 0.00	84.32 3.07 0.00	79.19 3.10 0.00	95.19 4.42 0.00	69.57 3.35 0.00	77.42 3.63 0.00	59.78 2.50 0.00	57.85 2.58 0.00	71.58 3.08 0.00	70.19 2.94 0.00	63.57 2.79 0.00	62.27 2.80 0.00	69.18 3.46 0.00	77.03 4.12 0.00	66.51 3.38 0.00	59.77 2.86 0.00	53.62 2.63 0.00	52.84 2.43 0.00	49.12 2.33 0.00	65.20 2.95 0.00
LOWVILLE_115KV_TB2 356335	58.43 -1.12 0.00	49.14 -0.95 0.00	49.19 -0.68 0.00	48.70 -0.10 0.00	50.79 0.28 0.00	82.00 0.75 0.00	77.79 1.70 0.00	92.88 2.11 0.00	66.51 0.29 0.00	73.82 0.03 0.00	57.49 0.22 0.00	55.04 -0.23 0.00	68.05 -0.44 0.00	66.15 -1.10 0.00	60.37 -0.41 0.00	59.73 0.27 0.00	66.16 0.45 0.00	72.93 0.02 0.00	62.78 -0.35 0.00	56.35 -0.56 0.00	50.48 -0.51 0.00	49.14 -0.54 0.73	45.36 -1.29 0.14	73.27 -2.34 -13.35
LUTHERFT_115KV_GLOB_FND_222 355753	62.25 2.70 0.00	52.28 2.18 0.00	51.99 2.12 0.00	50.82 2.03 0.00	52.61 2.10 0.00	85.16 3.91 0.00	80.52 4.43 0.00	96.95 6.18 0.00	70.86 4.64 0.00	78.82 5.02 0.00	60.85 3.57 0.00	58.97 3.70 0.00	72.76 4.27 0.00	71.25 4.00 0.00	64.55 3.78 0.00	63.17 3.70 0.00	70.30 4.58 0.00	78.30 5.39 0.00	67.58 4.45 0.00	60.73 3.81 0.00	54.41 3.42 0.00	53.54 3.13 0.00	49.64 2.85 0.00	65.83 3.58 0.00

LUTHERNY_35_KV_BK2 355980	62.30 2.75 0.00	52.31 2.22 0.00	52.04 2.17 0.00	50.85 2.06 0.00	52.64 2.14 0.00	85.23 3.99 0.00	80.58 4.49 0.00	97.03 6.25 0.00	70.93 4.71 0.00	78.89 5.10 0.00	60.88 3.61 0.00	59.02 3.76 0.00	72.80 4.31 0.00	71.31 4.06 0.00	64.60 3.82 0.00	63.22 3.76 0.00	70.35 4.63 0.00	78.38 5.46 0.00	67.65 4.52 0.00	60.78 3.87 0.00	54.46 3.48 0.00	53.59 3.18 0.00	49.68 2.89 0.00	65.85 3.60 0.00
LWR___OSWEGATCHIE_HYD 23850	58.33 -1.23 0.00	49.03 -1.06 0.00	49.05 -0.82 0.00	48.55 -0.25 0.00	50.93 0.42 0.00	82.36 1.12 0.00	78.37 2.28 0.00	93.47 2.69 0.00	67.24 1.02 0.00	74.63 0.84 0.00	58.16 0.89 0.00	55.49 0.23 0.00	68.68 0.19 0.00	66.88 -0.37 0.00	60.81 0.03 0.00	60.01 0.54 0.00	66.54 0.82 0.00	73.48 0.57 0.00	63.52 0.40 0.00	57.09 0.18 0.00	50.90 -0.08 0.00	47.69 -0.44 2.28	45.08 -1.27 0.44	91.63 -2.39 -31.77
LYONS_FALL_HYD 23570	59.35 -0.21 0.00	49.92 -0.17 0.00	49.84 -0.02 0.00	49.11 0.32 0.00	51.12 0.61 0.00	82.50 1.25 0.00	77.98 1.89 0.00	93.19 2.42 0.00	67.24 1.03 0.00	74.71 0.92 0.00	58.08 0.80 0.00	55.70 0.43 0.00	68.89 0.40 0.00	67.20 -0.05 0.00	61.19 0.41 0.00	60.32 0.86 0.00	66.80 1.08 0.00	73.85 0.94 0.00	63.69 0.56 0.00	57.22 0.31 0.00	51.25 0.26 0.00	50.28 0.20 0.32	46.38 -0.34 0.06	70.18 -0.92 -8.85
MADISON___COUNTY_LFGE 323628	60.55 0.99 0.00	50.94 0.85 0.00	50.73 0.87 0.00	49.69 0.90 0.00	51.62 1.12 0.00	83.25 2.01 0.00	78.32 2.23 0.00	93.79 3.01 0.00	68.47 2.25 0.00	76.06 2.27 0.00	58.90 1.63 0.00	56.52 1.25 0.00	69.96 1.47 0.00	68.60 1.35 0.00	62.27 1.49 0.00	61.20 1.74 0.00	67.73 2.01 0.00	75.11 2.20 0.00	64.92 1.79 0.00	58.37 1.46 0.00	52.23 1.24 0.00	51.55 1.14 0.00	47.66 0.87 0.00	65.82 0.88 -2.67
MALONE___115KV_TB1 356076	61.04 1.48 0.00	51.32 1.23 0.00	51.25 1.38 0.00	50.18 1.39 0.00	51.98 1.47 0.00	83.71 2.47 0.00	78.88 2.79 0.00	93.44 2.67 0.00	68.11 1.90 0.00	76.09 2.30 0.00	59.63 2.35 0.00	57.29 2.03 0.00	71.25 2.76 0.00	69.63 2.38 0.00	63.01 2.23 0.00	61.40 1.94 0.00	67.01 1.30 0.00	73.70 0.79 0.00	64.21 1.08 0.00	57.90 0.98 0.00	51.33 0.34 0.00	43.50 -0.29 6.62	44.68 -0.84 1.28	145.68 -1.50 -84.92
MAPLEWOD_115KV_TB3 80458	61.96 2.40 0.00	52.02 1.93 0.00	51.72 1.86 0.00	50.57 1.77 0.00	52.35 1.84 0.00	84.37 3.13 0.00	78.91 2.82 0.00	94.83 4.05 0.00	69.31 3.10 0.00	77.15 3.36 0.00	59.62 2.35 0.00	57.64 2.38 0.00	71.40 2.91 0.00	70.07 2.82 0.00	63.41 2.63 0.00	62.15 2.68 0.00	69.02 3.30 0.00	76.84 3.93 0.00	66.34 3.21 0.00	59.62 2.71 0.00	53.48 2.49 0.00	52.75 2.35 0.00	49.13 2.34 0.00	65.20 2.95 0.00
MAPLE_RIDGE_WT_1 323574	58.49 -1.07 0.00	49.37 -0.73 0.00	49.32 -0.54 0.00	48.39 -0.41 0.00	50.18 -0.33 0.00	80.59 -0.66 0.00	75.51 -0.58 0.00	89.78 -0.99 0.00	65.26 -0.96 0.00	73.03 -0.76 0.00	56.66 -0.61 0.00	54.46 -0.81 0.00	67.49 -1.00 0.00	66.31 -0.94 0.00	60.10 -0.68 0.00	58.69 -0.77 0.00	64.35 -1.37 0.00	70.89 -2.03 0.00	61.34 -1.78 0.00	55.31 -1.60 0.00	49.54 -1.45 0.00	35.00 -1.47 13.94	42.73 -1.35 2.71	58.40 -1.81 2.04
MAPLE_RIDGE_WT_2 323611	58.49 -1.07 0.00	49.37 -0.73 0.00	49.32 -0.54 0.00	48.39 -0.41 0.00	50.18 -0.33 0.00	80.59 -0.66 0.00	75.51 -0.58 0.00	89.78 -0.99 0.00	65.26 -0.96 0.00	73.03 -0.76 0.00	56.66 -0.61 0.00	54.46 -0.81 0.00	67.49 -1.00 0.00	66.31 -0.94 0.00	60.10 -0.68 0.00	58.69 -0.77 0.00	64.35 -1.37 0.00	70.89 -2.03 0.00	61.34 -1.78 0.00	55.31 -1.60 0.00	49.54 -1.45 0.00	35.00 -1.47 13.94	42.73 -1.35 2.71	58.40 -1.81 2.04
MARBLE_RIVER_WT_PWR 323696	60.57 1.02 0.00	50.96 0.87 0.00	50.94 1.07 0.00	49.76 0.96 0.00	51.29 0.78 0.00	82.42 1.17 0.00	77.24 1.15 0.00	91.26 0.49 0.00	66.50 0.28 0.00	74.50 0.71 0.00	58.40 1.13 0.00	56.40 1.13 0.00	70.22 1.73 0.00	68.66 1.41 0.00	62.15 1.37 0.00	60.45 0.99 0.00	65.62 -0.10 0.00	71.85 -1.06 0.00	62.71 -0.41 0.00	56.61 -0.30 0.00	50.24 -0.74 0.00	40.97 -1.32 8.11	43.57 -1.63 1.59	-9.54 -2.39 69.41
MARSHVLE_115KV_TB1 80742	62.14 2.58 0.00	52.38 2.28 0.00	52.22 2.35 0.00	51.17 2.37 0.00	53.02 2.52 0.00	85.34 4.09 0.00	80.26 4.17 0.00	95.52 4.82 0.07	69.66 3.44 0.00	77.32 3.58 0.06	60.12 2.84 0.00	57.46 2.19 0.00	71.18 2.69 0.00	70.20 3.00 0.05	63.39 2.62 0.01	62.27 2.81 0.00	68.50 3.01 0.23	76.29 3.38 0.00	65.85 2.77 0.05	59.37 2.49 0.03	53.14 2.15 0.01	52.66 2.26 0.00	48.65 1.86 0.00	64.63 2.37 0.00
MARSH_HILL_WT_PWR 323713	55.49 -4.07 0.00	46.46 -3.63 0.00	46.49 -3.37 0.00	45.57 -3.22 0.00	47.54 -2.97 0.00	77.34 -3.91 0.00	73.04 -3.05 0.00	85.60 -3.76 1.41	63.73 -2.49 0.00	69.30 -3.47 1.03	53.61 -3.66 0.00	51.24 -4.03 0.00	63.35 -5.14 0.00	94.65 -5.25 -32.65	97.14 -5.07 -41.43	99.67 -5.52 -45.72	118.23 -5.57 -58.09	122.84 -5.72 -55.65	117.64 -5.47 -59.98	107.86 -5.48 -56.43	96.07 -4.97 -50.06	99.32 -4.98 -53.89	50.74 -4.76 -8.72	55.74 -6.52 0.00
MCINTYRE_115KV_TB2 80467	61.26 1.70 0.00	51.44 1.35 0.00	51.39 1.53 0.00	50.85 2.05 0.00	53.65 3.14 0.00	86.91 5.67 0.00	83.12 7.03 0.00	99.26 8.48 0.00	71.77 5.56 0.00	79.50 5.71 0.00	61.89 4.61 0.00	58.57 3.30 0.00	72.36 3.87 0.00	71.10 3.85 0.00	64.32 3.54 0.00	63.10 3.64 0.00	70.56 4.84 0.00	78.24 5.33 0.00	67.97 4.84 0.00	61.23 4.32 0.00	54.33 3.35 0.00	49.44 2.54 3.51	47.40 1.29 0.68	109.87 0.81 -46.80
MECO_____69_KV_BK1 80468	63.23 3.67 0.00	53.17 3.08 0.00	52.96 3.10 0.00	51.83 3.03 0.00	53.71 3.20 0.00	86.57 5.32 0.00	81.59 5.50 0.00	97.65 6.87 0.00	71.19 4.97 0.00	79.08 5.29 0.00	61.21 3.93 0.00	58.31 3.05 0.00	72.27 3.78 0.00	71.39 4.14 0.00	64.21 3.43 0.00	63.56 4.10 0.00	70.63 4.91 0.00	78.63 5.71 0.00	67.86 4.74 0.00	61.06 4.16 0.00	54.60 3.62 0.00	53.88 3.47 0.00	49.77 2.98 0.00	65.99 3.74 0.00
MENANDS___115KV_TB5 355628	61.79 2.23 0.00	51.90 1.81 0.00	51.60 1.74 0.00	50.46 1.67 0.00	52.21 1.71 0.00	84.13 2.88 0.00	78.60 2.51 0.00	94.42 3.65 0.00	69.01 2.79 0.00	76.83 3.04 0.00	59.36 2.09 0.00	57.42 2.15 0.00	71.09 2.59 0.00	69.79 2.54 0.00	63.16 2.39 0.00	61.90 2.44 0.00	68.71 2.99 0.00	76.50 3.58 0.00	66.02 2.89 0.00	59.34 2.43 0.00	53.23 2.25 0.00	52.54 2.13 0.00	49.00 2.21 0.00	65.06 2.80 0.00
MG INDUSTRY___DRP 24185	61.60 2.04 0.00	51.76 1.67 0.00	51.52 1.65 0.00	50.39 1.59 0.00	52.16 1.66 0.00	83.96 2.71 0.00	81.94 5.85 0.00	100.49 9.71 0.00	73.53 7.31 0.00	81.63 7.84 0.00	62.91 5.64 0.00	60.52 5.25 0.00	74.66 6.17 0.00	73.32 6.07 0.00	66.63 5.85 0.00	65.71 6.25 0.00	72.82 7.10 0.00	77.47 4.55 0.00	65.59 2.47 0.00	58.99 2.08 0.00	52.93 1.94 0.00	52.27 1.86 0.00	48.71 1.92 0.00	64.71 2.46 0.00

MID___OSWEGATCHIE_HYD 23849	58.33 -1.23 0.00	49.03 -1.06 0.00	49.05 -0.82 0.00	48.55 -0.25 0.00	50.93 0.42 0.00	82.36 1.12 0.00	78.37 2.28 0.00	93.47 2.69 0.00	67.24 1.02 0.00	74.63 0.84 0.00	58.16 0.89 0.00	55.49 0.23 0.00	68.68 0.19 0.00	66.88 -0.37 0.00	60.81 0.03 0.00	60.01 0.54 0.00	66.54 0.82 0.00	73.48 0.57 0.00	63.52 0.40 0.00	57.09 0.18 0.00	50.90 -0.08 0.00	47.69 -0.44 2.28	45.08 -1.27 0.44	91.63 -2.39 -31.77
MID___RAQUETTE_HYD 23851	59.02 -0.54 0.00	49.60 -0.50 0.00	49.58 -0.29 0.00	49.07 0.27 0.00	51.71 1.20 0.00	83.66 2.41 0.00	79.66 3.57 0.00	94.97 4.19 0.00	68.69 2.48 0.00	76.29 2.50 0.00	59.52 2.25 0.00	56.70 1.44 0.00	70.19 1.70 0.00	68.61 1.36 0.00	62.20 1.43 0.00	61.07 1.61 0.00	67.68 1.97 0.00	74.79 1.88 0.00	64.88 1.75 0.00	58.45 1.54 0.00	51.95 0.96 0.00	47.25 0.35 3.51	45.54 -0.57 0.68	107.61 -1.45 -46.80
MILLIKEN___1 23584	59.79 0.23 0.00	50.21 0.12 0.00	49.95 0.09 0.00	48.88 0.09 0.00	50.66 0.15 0.00	81.79 0.54 0.00	76.83 0.74 0.00	91.68 1.01 0.11	67.48 1.27 0.00	74.33 0.62 0.08	57.34 0.07 0.00	55.23 -0.04 0.00	68.36 -0.13 0.00	67.15 -0.03 0.07	60.81 0.04 0.01	59.62 0.16 0.00	65.85 0.46 0.33	74.19 1.27 0.00	63.87 0.83 0.08	57.42 0.56 0.05	51.39 0.41 0.01	50.72 0.31 0.00	46.94 0.15 0.00	62.25 -0.01 0.00
MILLIKEN___2 23585	59.79 0.23 0.00	50.21 0.12 0.00	49.95 0.09 0.00	48.88 0.09 0.00	50.66 0.15 0.00	81.79 0.54 0.00	76.83 0.74 0.00	91.68 1.01 0.11	67.48 1.27 0.00	74.33 0.62 0.08	57.34 0.07 0.00	55.23 -0.04 0.00	68.36 -0.13 0.00	67.15 -0.03 0.07	60.81 0.04 0.01	59.62 0.16 0.00	65.85 0.46 0.33	74.19 1.27 0.00	63.87 0.83 0.08	57.42 0.56 0.05	51.39 0.41 0.01	50.72 0.31 0.00	46.94 0.15 0.00	62.25 -0.01 0.00
MILLIKEN___DIESEL 23629	59.79 0.23 0.00	50.21 0.12 0.00	49.95 0.09 0.00	48.88 0.09 0.00	50.66 0.15 0.00	81.79 0.54 0.00	76.83 0.74 0.00	91.68 1.01 0.11	67.48 1.27 0.00	74.33 0.62 0.08	57.34 0.07 0.00	55.23 -0.04 0.00	68.36 -0.13 0.00	67.15 -0.03 0.07	60.81 0.04 0.01	59.62 0.16 0.00	65.85 0.46 0.33	74.19 1.27 0.00	63.87 0.83 0.08	57.42 0.56 0.05	51.39 0.41 0.01	50.72 0.31 0.00	46.94 0.15 0.00	62.25 -0.01 0.00
MILLSEAT___LFGE 323607	56.64 -2.92 0.00	47.73 -2.37 0.00	47.34 -2.53 0.00	46.49 -2.31 0.00	48.03 -2.48 0.00	77.12 -4.13 0.00	72.02 -4.07 0.00	82.97 -5.85 1.95	62.58 -3.63 0.00	67.65 -4.76 1.38	53.72 -3.56 0.00	51.01 -4.26 0.00	62.98 -5.50 0.00	54.50 -5.24 7.52	48.32 -4.42 8.04	46.76 -4.06 8.64	43.27 -4.94 17.50	58.52 -3.89 10.50	46.77 -3.64 12.70	41.96 -3.45 11.50	38.11 -3.27 9.60	37.14 -3.11 10.16	42.19 -2.96 1.64	58.36 -3.90 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	62.09 2.53 0.00	52.11 2.02 0.00	51.69 1.83 0.00	50.46 1.67 0.00	52.31 1.80 0.00	84.31 3.07 0.00	79.19 3.10 0.00	95.69 4.99 0.07	69.78 3.56 0.00	77.68 3.94 0.05	59.95 2.68 0.00	58.06 2.79 0.00	71.88 3.39 0.00	70.61 3.41 0.05	63.80 3.03 0.01	62.54 3.08 0.00	69.51 4.01 0.22	77.82 4.91 0.00	67.04 3.96 0.04	60.14 3.26 0.03	54.06 3.08 0.01	53.31 2.90 0.00	49.53 2.74 0.00	65.76 3.51 0.00
MILLWOOD_13_KV_LOAD 356217	62.17 2.61 0.00	52.19 2.10 0.00	51.76 1.89 0.00	50.54 1.74 0.00	52.38 1.87 0.00	84.44 3.20 0.00	79.30 3.22 0.00	95.88 5.17 0.07	69.90 3.68 0.00	77.82 4.09 0.05	60.05 2.78 0.00	58.16 2.90 0.00	72.01 3.52 0.00	70.73 3.52 0.05	63.92 3.15 0.01	62.66 3.20 0.00	69.64 4.14 0.22	77.97 5.06 0.00	67.17 4.09 0.04	60.25 3.37 0.03	54.15 3.17 0.01	53.41 3.00 0.00	49.60 2.82 0.00	65.85 3.60 0.00
MODEL_CITY_ENERGY 24167	54.77 -4.78 0.00	46.21 -3.88 0.00	45.83 -4.03 0.00	45.02 -3.78 0.00	46.46 -4.05 0.00	74.39 -6.86 0.00	69.08 -7.01 0.00	77.96 -10.01 2.81	59.56 -6.65 0.00	63.61 -8.13 2.05	51.31 -5.97 0.00	48.78 -6.48 0.00	60.29 -8.21 0.00	49.48 -7.82 9.94	43.48 -6.88 10.43	41.89 -6.42 11.15	34.22 -7.76 23.74	52.29 -7.07 13.56	40.13 -6.34 16.65	36.08 -5.83 15.00	33.19 -5.37 12.43	32.25 -5.03 13.12	39.84 -4.82 2.12	56.04 -6.21 0.00
MODERN_LFGE___ 323580	54.77 -4.78 0.00	46.21 -3.88 0.00	45.83 -4.03 0.00	45.02 -3.78 0.00	46.46 -4.05 0.00	74.39 -6.86 0.00	69.08 -7.01 0.00	77.96 -10.01 2.81	59.56 -6.65 0.00	63.61 -8.13 2.05	51.31 -5.97 0.00	48.78 -6.48 0.00	60.29 -8.21 0.00	49.48 -7.82 9.94	43.48 -6.88 10.43	41.89 -6.42 11.15	34.22 -7.76 23.74	52.29 -7.07 13.56	40.13 -6.34 16.65	36.08 -5.83 15.00	33.19 -5.37 12.43	32.25 -5.03 13.12	39.84 -4.82 2.12	56.04 -6.21 0.00
MOHAWK_PAPER___DRP 24187	61.96 2.40 0.00	52.02 1.93 0.00	51.72 1.86 0.00	50.57 1.77 0.00	52.35 1.84 0.00	84.37 3.13 0.00	78.91 2.82 0.00	94.83 4.05 0.00	69.31 3.10 0.00	77.15 3.36 0.00	59.62 2.35 0.00	57.64 2.38 0.00	71.40 2.91 0.00	70.07 2.82 0.00	63.41 2.63 0.00	62.15 2.68 0.00	69.02 3.30 0.00	76.84 3.93 0.00	66.34 3.21 0.00	59.62 2.71 0.00	53.48 2.49 0.00	52.75 2.35 0.00	49.13 2.34 0.00	65.20 2.95 0.00
MOHICAN___35_KV_115KV_LD 80490	62.15 2.59 0.00	52.14 2.05 0.00	51.87 2.00 0.00	50.65 1.86 0.00	52.43 1.92 0.00	84.96 3.72 0.00	80.47 4.38 0.00	97.31 6.53 0.00	71.17 4.95 0.00	79.13 5.33 0.00	60.87 3.60 0.00	58.93 3.66 0.00	72.91 4.42 0.00	71.20 3.95 0.00	64.63 3.85 0.00	63.06 3.60 0.00	70.31 4.59 0.00	78.27 5.35 0.00	67.56 4.43 0.00	60.71 3.80 0.00	54.37 3.38 0.00	53.41 3.00 0.00	49.42 2.63 0.00	65.45 3.20 0.00
MONGAUP___HYD 23641	62.45 2.89 0.00	52.38 2.29 0.00	51.97 2.10 0.00	50.78 1.98 0.00	52.64 2.14 0.00	84.93 3.68 0.00	79.79 3.71 0.00	96.31 5.61 0.08	70.28 4.07 0.00	78.19 4.46 0.06	60.31 3.04 0.00	58.34 3.08 0.00	72.23 3.74 0.00	70.91 3.71 0.05	64.07 3.30 0.01	62.85 3.39 0.00	69.92 4.43 0.23	78.44 5.52 0.00	67.61 4.54 0.05	60.67 3.79 0.03	54.43 3.44 0.01	53.62 3.21 0.00	49.72 2.93 0.00	65.97 3.72 0.00
MONTAUK___DIESEL 23721	65.52 5.97 0.00	55.03 4.94 0.00	54.37 4.50 0.00	53.01 4.22 0.00	54.77 4.26 0.00	88.46 7.21 0.00	83.09 6.99 0.00	101.08 10.37 0.07	73.24 7.02 0.00	81.33 7.59 0.05	63.91 5.63 -1.01	60.57 5.31 0.00	75.15 6.66 0.00	73.20 6.00 0.05	65.09 4.32 0.01	63.29 3.83 0.00	71.33 5.31 -0.30	78.95 6.04 0.00	67.80 4.72 0.04	60.72 3.84 0.03	54.49 3.51 0.01	53.83 3.42 0.00	49.69 2.91 0.00	65.51 3.26 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	56.74 -2.82 0.00	47.82 -2.27 0.00	47.49 -2.38 0.00	46.55 -2.24 0.00	48.17 -2.34 0.00	77.58 -3.67 0.00	72.53 -3.56 0.00	82.64 -5.40 2.74	62.09 -4.13 0.00	66.15 -5.65 2.00	53.14 -4.13 0.00	50.63 -4.64 0.00	62.19 -6.31 0.00	50.76 -6.59 9.90	44.28 -6.07 10.43	42.05 -6.25 11.16	35.13 -7.07 23.52	52.95 -6.39 13.58	40.25 -6.26 16.61	36.05 -5.88 14.98	32.99 -5.56 12.43	31.76 -5.51 13.13	39.69 -4.97 2.12	56.22 -6.04 0.00

MORRIS_RIDGE___SOLAR 323848	55.95 -3.61 0.00	47.04 -3.05 0.00	46.88 -2.99 0.00	45.97 -2.83 0.00	47.68 -2.83 0.00	77.02 -4.23 0.00	72.00 -4.09 0.00	83.63 -5.25 1.90	62.61 -3.61 0.00	67.83 -4.58 1.39	53.19 -4.08 0.00	50.79 -4.48 0.00	62.95 -5.54 0.00	12.97 -5.59 48.69	-3.43 -5.14 59.07	-10.56 -5.27 64.75	-34.10 -5.71 94.10	-11.52 -5.64 78.78	-29.53 -5.21 87.44	-29.56 -5.04 81.43	-24.78 -4.61 71.15	-30.42 -4.54 76.28	30.17 -4.28 12.34	56.67 -5.58 0.00
MORTIMER_115KV_TB3 55949	57.18 -2.38 0.00	48.11 -1.98 0.00	47.76 -2.10 0.00	46.85 -1.95 0.00	48.46 -2.04 0.00	77.95 -3.29 0.00	72.99 -3.10 0.00	86.50 -4.38 -0.11	63.32 -2.89 0.00	70.10 -3.78 -0.08	54.42 -2.86 0.00	52.04 -3.23 0.00	64.43 -4.07 0.00	63.22 -4.10 -0.07	57.20 -3.59 -0.01	56.03 -3.43 0.00	62.31 -3.77 -0.36	69.66 -3.26 0.00	60.12 -3.08 -0.07	53.99 -2.97 -0.05	48.19 -2.81 -0.01	47.63 -2.77 0.00	44.38 -2.41 0.00	59.05 -3.20 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	62.30 2.74 0.00	52.31 2.22 0.00	51.87 2.00 0.00	50.64 1.85 0.00	52.48 1.98 0.00	84.54 3.29 0.00	79.45 3.36 0.00	96.11 5.40 0.07	70.12 3.90 0.00	78.09 4.35 0.05	60.26 2.98 0.00	58.39 3.12 0.00	72.29 3.80 0.00	71.01 3.81 0.05	64.16 3.38 0.01	62.89 3.43 0.00	69.88 4.38 0.22	78.25 5.33 0.00	67.37 4.29 0.04	60.42 3.53 0.03	54.33 3.35 0.01	53.60 3.19 0.00	49.80 3.01 0.00	66.11 3.85 0.00
MUNSVILLE_WIND_PWR 323609	62.21 2.65 0.00	52.20 2.11 0.00	52.02 2.15 0.00	50.79 1.99 0.00	52.78 2.28 0.00	85.48 4.23 0.00	81.41 5.32 0.00	103.66 13.18 0.30	74.16 7.94 0.00	81.72 8.15 0.22	63.09 5.82 0.00	60.90 5.63 0.00	75.12 6.63 0.00	73.67 6.61 0.19	67.32 6.57 0.03	66.36 6.90 0.00	72.67 7.87 0.92	77.77 4.86 0.00	67.28 4.33 0.17	60.24 3.44 0.11	53.85 2.88 0.02	52.88 2.47 0.00	48.67 1.88 0.00	64.49 2.24 0.00
N SALMON___HYD 24042	61.04 1.48 0.00	51.32 1.23 0.00	51.25 1.38 0.00	50.18 1.39 0.00	51.98 1.47 0.00	83.72 2.47 0.00	78.88 2.79 0.00	93.47 2.69 0.00	68.11 1.89 0.00	76.09 2.30 0.00	59.63 2.35 0.00	57.29 2.02 0.00	71.25 2.76 0.00	69.62 2.37 0.00	63.01 2.23 0.00	61.41 1.95 0.00	67.01 1.29 0.00	73.70 0.79 0.00	64.21 1.08 0.00	57.89 0.98 0.00	51.33 0.35 0.00	43.49 -0.30 6.62	44.68 -0.83 1.28	145.67 -1.51 -84.92
N.AKRON__115KV_KNAPP 355671	56.27 -3.29 0.00	47.42 -2.67 0.00	47.04 -2.83 0.00	46.20 -2.59 0.00	47.71 -2.79 0.00	76.57 -4.68 0.00	71.41 -4.68 0.00	81.92 -6.71 2.15	62.00 -4.22 0.00	66.90 -5.37 1.52	53.27 -4.00 0.00	50.58 -4.68 0.00	62.52 -5.97 0.00	53.41 -5.71 8.13	47.19 -4.91 8.68	45.54 -4.61 9.31	41.30 -5.41 19.01	57.07 -4.53 11.32	45.16 -4.23 13.73	40.57 -3.93 12.42	36.93 -3.70 10.36	35.86 -3.59 10.96	41.72 -3.29 1.77	57.96 -4.30 0.00
N.BELMOR_69_KV_BK1 55787	63.13 3.57 0.00	52.94 2.85 0.00	52.35 2.48 0.00	51.13 2.33 0.00	53.03 2.53 0.00	85.37 4.12 0.00	80.23 4.15 0.00	97.39 6.68 0.07	70.91 4.69 0.00	78.99 5.25 0.05	61.88 3.96 -0.65	59.23 3.96 0.00	73.30 4.81 0.00	71.98 4.78 0.05	64.88 4.11 0.01	63.50 4.04 0.00	71.36 5.14 -0.51	79.07 6.15 0.00	68.10 5.02 0.04	61.16 4.28 0.03	55.13 4.15 0.01	54.48 4.06 0.00	50.53 3.74 0.00	67.02 4.77 0.00
N.E_GEN_SANDY PD 24062	62.21 2.65 0.00	52.25 2.16 0.00	51.87 2.01 0.00	50.67 1.88 0.00	52.33 1.94 0.12	84.35 3.34 0.23	76.01 3.16 3.24	102.64 4.69 -7.18	70.51 3.51 -0.78	77.58 3.79 0.00	59.90 2.53 -0.10	58.25 2.65 -0.33	71.71 3.22 0.00	70.38 3.13 0.00	65.38 2.91 -1.68	63.03 2.95 -0.61	73.22 3.69 -3.82	77.46 4.44 -0.11	66.74 3.62 0.00	61.19 3.04 -1.24	62.01 2.83 -8.19	60.16 2.69 -7.07	55.53 2.63 -6.11	73.05 3.38 -7.42
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	61.85 2.29 0.00	51.90 1.81 0.00	51.47 1.60 0.00	50.25 1.46 0.00	52.10 1.59 0.00	84.01 2.76 0.00	78.90 2.81 0.00	95.37 4.66 0.07	69.48 3.26 0.00	77.32 3.58 0.05	59.67 2.40 0.00	57.78 2.52 0.00	71.57 3.08 0.00	70.32 3.11 0.05	63.51 2.74 0.01	62.29 2.83 0.00	69.25 3.76 0.22	77.58 4.67 0.00	66.83 3.75 0.05	59.95 3.07 0.03	53.88 2.89 0.01	53.11 2.70 0.00	49.34 2.55 0.00	65.52 3.27 0.00
N.QUEENS_27_KV_LOAD 356247	62.33 2.77 0.00	52.34 2.25 0.00	51.90 2.03 0.00	50.67 1.88 0.00	52.48 1.97 0.00	84.63 3.39 0.00	79.65 3.56 0.00	96.30 5.59 0.07	70.27 4.05 0.00	78.22 4.48 0.05	60.35 3.08 0.00	58.48 3.22 0.00	72.43 3.94 0.00	71.14 3.93 0.05	64.26 3.49 0.01	62.94 3.48 0.00	69.87 4.37 0.22	78.25 5.33 0.00	67.33 4.25 0.04	60.50 3.62 0.03	54.43 3.45 0.01	53.68 3.27 0.00	49.87 3.09 0.00	66.22 3.96 0.00
N.TROY___115KV_TB1 355778	61.87 2.31 0.00	51.95 1.86 0.00	51.65 1.78 0.00	50.49 1.70 0.00	52.24 1.73 0.00	84.32 3.07 0.00	79.18 3.10 0.00	95.19 4.42 0.00	69.57 3.36 0.00	77.42 3.63 0.00	59.78 2.50 0.00	57.84 2.58 0.00	71.58 3.08 0.00	70.19 2.94 0.00	63.57 2.79 0.00	62.27 2.81 0.00	69.18 3.46 0.00	77.03 4.12 0.00	66.51 3.39 0.00	59.77 2.86 0.00	53.63 2.64 0.00	52.84 2.43 0.00	49.12 2.33 0.00	65.21 2.95 0.00
NARROWS_GT1_1 24228	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
NARROWS_GT1_2 24229	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
NARROWS_GT1_3 24230	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
NARROWS_GT1_4 24231	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00

NARROWS_GT1_5 24232	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
NARROWS_GT1_6 24233	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
NARROWS_GT1_7 24234	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
NARROWS_GT1_8 24235	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
NARROWS_GT2_1 24236	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
NARROWS_GT2_2 24237	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
NARROWS_GT2_3 24238	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
NARROWS_GT2_4 24239	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
NARROWS_GT2_5 24240	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
NARROWS_GT2_6 24241	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
NARROWS_GT2_7 24242	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
NARROWS_GT2_8 24243	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.66 2.15 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.28 5.57 0.07	70.21 4.00 0.00	78.21 4.47 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.07 3.87 0.05	64.18 3.40 0.01	62.94 3.48 0.00	70.03 4.53 0.22	78.40 5.49 0.00	67.52 4.43 0.04	60.60 3.72 0.03	54.51 3.53 0.01	53.79 3.38 0.00	50.03 3.24 0.00	66.51 4.26 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	63.14 3.58 0.00	53.00 2.91 0.00	52.71 2.85 0.00	51.56 2.76 0.00	53.39 2.89 0.00	86.10 4.85 0.00	81.37 5.28 0.00	98.35 7.57 0.00	71.97 5.75 0.00	79.96 6.17 0.00	61.76 4.49 0.00	59.52 4.25 0.00	73.53 5.03 0.00	72.21 4.96 0.00	65.46 4.68 0.00	64.35 4.88 0.00	71.51 5.79 0.00	78.82 5.90 0.00	67.78 4.66 0.00	60.86 3.95 0.00	54.51 3.52 0.00	53.72 3.31 0.00	49.95 3.17 0.00	66.20 3.95 0.00
NCHELSEA_115KV_TR2 355582	62.91 3.36 0.00	52.80 2.71 0.00	52.36 2.50 0.00	51.15 2.35 0.00	53.02 2.51 0.00	85.49 4.24 0.00	80.32 4.24 0.00	97.05 6.34 0.07	70.85 4.63 0.00	78.87 5.13 0.05	60.88 3.60 0.00	58.92 3.66 0.00	72.98 4.48 0.00	71.65 4.45 0.05	64.76 3.99 0.01	63.50 4.04 0.00	70.55 5.05 0.22	79.03 6.11 0.00	68.07 4.99 0.04	61.06 4.18 0.03	54.83 3.85 0.01	54.03 3.63 0.00	50.15 3.36 0.00	66.52 4.26 0.00
NEG CAPITAL___MECHNVIL 23645	62.46 2.90 0.00	52.44 2.35 0.00	52.15 2.28 0.00	50.97 2.17 0.00	52.77 2.26 0.00	85.38 4.14 0.00	80.59 4.50 0.00	97.08 6.31 0.00	70.96 4.75 0.00	78.94 5.15 0.00	60.96 3.68 0.00	59.01 3.75 0.00	72.92 4.43 0.00	71.43 4.18 0.00	64.70 3.92 0.00	63.33 3.87 0.00	70.48 4.76 0.00	78.52 5.61 0.00	67.77 4.64 0.00	60.88 3.97 0.00	54.56 3.57 0.00	53.69 3.28 0.00	49.77 2.99 0.00	65.97 3.72 0.00



NEG CENTRAL_HIGH_ACRES 23767	56.51 -3.05 0.00	47.54 -2.56 0.00	47.25 -2.62 0.00	46.34 -2.45 0.00	47.93 -2.58 0.00	77.17 -4.08 0.00	72.43 -3.66 0.00	86.24 -4.75 -0.22	63.08 -3.14 0.00	69.79 -4.16 -0.16	54.01 -3.26 0.00	51.69 -3.58 0.00	64.02 -4.47 0.00	62.97 -4.41 -0.14	56.97 -3.83 -0.02	55.79 -3.67 0.00	62.25 -4.13 -0.67	69.20 -3.71 0.00	59.82 -3.45 -0.14	53.76 -3.24 -0.09	47.97 -3.04 -0.02	47.37 -3.03 0.00	44.02 -2.77 0.00	58.52 -3.73 0.00
NEG CENTRAL___DRP 24199	58.36 -1.20 0.00	49.02 -1.07 0.00	48.78 -1.09 0.00	47.75 -1.05 0.00	49.48 -1.02 0.00	79.92 -1.32 0.00	75.07 -1.02 0.00	89.66 -1.03 0.08	66.30 0.09 0.00	72.44 -1.31 0.05	55.85 -1.42 0.00	53.62 -1.65 0.00	66.50 -1.99 0.00	68.51 -2.02 -3.28	63.22 -1.67 -4.11	62.47 -1.52 -4.53	70.24 -1.45 -5.97	77.24 -1.20 -5.52	67.86 -1.27 -6.00	61.28 -1.26 -5.63	54.68 -1.28 -4.98	54.42 -1.33 -5.35	46.39 -1.26 -0.87	60.47 -1.78 0.00
NEG CENTRAL___INDECK 23768	58.60 -0.95 0.00	49.21 -0.88 0.00	48.96 -0.91 0.00	48.02 -0.78 0.00	49.86 -0.65 0.00	80.54 -0.71 0.00	75.76 -0.33 0.00	89.19 -0.75 0.83	65.87 -0.34 0.00	72.02 -1.17 0.60	55.96 -1.32 0.00	53.13 -2.14 0.00	65.53 -2.96 0.00	97.68 -3.00 -33.43	99.16 -3.62 -42.00	101.65 -4.10 -46.28	122.05 -4.31 -60.64	125.52 -3.72 -56.33	120.73 -3.50 -61.11	110.80 -3.47 -57.36	98.52 -3.19 -50.72	102.82 -2.14 -54.55	53.97 -1.65 -8.82	59.92 -2.33 0.00
NEG CENTRAL___SENECA 23627	58.19 -1.37 0.00	48.86 -1.23 0.00	48.61 -1.25 0.00	47.60 -1.20 0.00	49.41 -1.10 0.00	79.87 -1.38 0.00	74.98 -1.11 0.00	89.47 -1.17 0.14	65.89 -0.33 0.00	72.35 -1.34 0.10	55.81 -1.46 0.00	53.44 -1.83 0.00	66.35 -2.14 0.00	70.34 -2.27 -5.35	65.66 -1.85 -6.73	65.19 -1.69 -7.41	73.80 -1.62 -9.70	80.50 -1.46 -9.03	71.45 -1.48 -9.80	64.62 -1.50 -9.20	57.63 -1.50 -8.14	57.57 -1.59 -8.75	46.73 -1.48 -1.42	60.23 -2.02 0.00
NEG CENTRAL___STATE_STREET 24147	59.14 -0.42 0.00	49.68 -0.41 0.00	49.44 -0.43 0.00	48.39 -0.41 0.00	49.98 -0.53 0.00	80.76 -0.49 0.00	75.98 -0.11 0.00	90.81 0.04 0.00	67.28 1.06 0.00	73.36 -0.43 0.00	56.39 -0.89 0.00	54.34 -0.93 0.00	67.28 -1.21 0.00	66.12 -1.13 0.00	59.89 -0.89 0.00	58.72 -0.74 0.00	65.11 -0.61 0.00	72.76 -0.15 0.00	62.61 -0.51 0.00	56.47 -0.44 0.00	50.38 -0.61 0.00	49.88 -0.53 0.00	46.24 -0.55 0.00	61.19 -1.07 0.00
NEG MILLWOOD___DRP 24198	63.03 3.48 0.00	52.90 2.81 0.00	52.46 2.60 0.00	51.23 2.44 0.00	53.12 2.61 0.00	85.62 4.37 0.00	80.49 4.40 0.00	97.27 6.56 0.07	71.01 4.79 0.00	79.06 5.32 0.05	61.01 3.73 0.00	59.05 3.79 0.00	73.12 4.64 0.00	71.82 4.61 0.04	64.90 4.13 0.01	63.62 4.16 0.00	70.69 5.19 0.22	79.24 6.32 0.00	68.26 5.18 0.04	61.21 4.32 0.03	54.95 3.97 0.01	54.16 3.76 0.00	50.26 3.48 0.00	66.63 4.37 0.00
NEG NORTH_FLCN_SEA 23793	61.01 1.45 0.00	51.29 1.20 0.00	51.34 1.47 0.00	50.14 1.34 0.00	51.71 1.21 0.00	83.05 1.81 0.00	77.89 1.80 0.00	92.08 1.30 0.00	67.13 0.91 0.00	75.17 1.38 0.00	58.82 1.54 0.00	56.89 1.62 0.00	70.86 2.37 0.00	69.31 2.06 0.00	62.75 1.97 0.00	60.96 1.50 0.00	66.19 0.48 0.00	72.36 -0.55 0.00	63.09 -0.04 0.00	56.94 0.03 0.00	50.60 -0.39 0.00	41.34 -1.01 8.06	43.83 -1.38 1.58	-10.08 -2.25 70.08
NEG NORTH_KES_CHATEGAY 23792	60.80 1.24 0.00	51.15 1.06 0.00	51.12 1.26 0.00	49.91 1.12 0.00	51.42 0.92 0.00	82.65 1.40 0.00	77.51 1.42 0.00	91.46 0.69 0.00	66.71 0.49 0.00	74.75 0.96 0.00	58.65 1.38 0.00	56.54 1.28 0.00	70.47 1.98 0.00	68.94 1.69 0.00	62.34 1.56 0.00	60.58 1.12 0.00	65.73 0.01 0.00	72.07 -0.84 0.00	62.91 -0.22 0.00	56.83 -0.08 0.00	50.39 -0.59 0.00	41.56 -1.17 7.68	43.79 -1.50 1.50	-14.73 -2.20 74.78
NEG NORTH___ALICE_FALLS 23915	61.42 1.86 0.00	51.63 1.54 0.00	51.64 1.77 0.00	50.43 1.63 0.00	52.01 1.50 0.00	83.50 2.25 0.00	78.33 2.24 0.00	92.64 1.86 0.00	67.63 1.41 0.00	75.73 1.94 0.00	59.25 1.98 0.00	57.22 1.95 0.00	71.29 2.79 0.00	69.73 2.48 0.00	63.10 2.33 0.00	61.31 1.85 0.00	66.60 0.88 0.00	72.91 0.00 0.00	63.60 0.47 0.00	57.37 0.46 0.00	50.95 -0.04 0.00	41.72 -0.69 8.00	44.12 -1.11 1.56	-10.42 -1.85 70.83
NEG NORTH___LWR_SARANAC 23913	61.42 1.86 0.00	51.63 1.54 0.00	51.64 1.77 0.00	50.43 1.63 0.00	52.01 1.50 0.00	83.50 2.25 0.00	78.33 2.24 0.00	92.64 1.86 0.00	67.63 1.41 0.00	75.73 1.94 0.00	59.25 1.98 0.00	57.22 1.95 0.00	71.29 2.79 0.00	69.73 2.48 0.00	63.10 2.33 0.00	61.31 1.85 0.00	66.60 0.88 0.00	72.91 0.00 0.00	63.60 0.47 0.00	57.37 0.46 0.00	50.95 -0.04 0.00	41.72 -0.69 8.00	44.12 -1.11 1.56	-10.42 -1.85 70.83
NEG NORTH___PLATTSBURG 23628	61.42 1.86 0.00	51.63 1.54 0.00	51.64 1.77 0.00	50.42 1.63 0.00	52.01 1.50 0.00	83.49 2.25 0.00	78.33 2.24 0.00	92.67 1.89 0.00	67.63 1.41 0.00	75.73 1.94 0.00	59.25 1.98 0.00	57.21 1.94 0.00	71.29 2.80 0.00	69.73 2.48 0.00	63.10 2.33 0.00	61.31 1.85 0.00	66.60 0.88 0.00	72.92 0.00 0.00	63.60 0.47 0.00	57.37 0.46 0.00	50.95 -0.04 0.00	41.72 -0.69 8.00	44.12 -1.11 1.56	-10.42 -1.85 70.83
NEG WEST_LEA_LOCKPORT 23791	55.19 -4.37 0.00	46.54 -3.55 0.00	46.15 -3.72 0.00	45.36 -3.43 0.00	46.82 -3.69 0.00	74.99 -6.25 0.00	69.75 -6.34 0.00	79.27 -8.94 2.58	60.38 -5.83 0.00	64.83 -7.13 1.83	51.97 -5.30 0.00	49.39 -5.87 0.00	61.11 -7.39 0.00	50.34 -7.17 9.74	44.05 -6.33 10.39	42.24 -6.07 11.14	35.82 -7.09 22.80	52.94 -6.42 13.55	40.90 -5.79 16.44	36.77 -5.27 14.87	33.71 -4.88 12.40	32.58 -4.71 13.11	40.41 -4.26 2.12	56.79 -5.46 0.00
NEG WEST___LANCASTER 23811	56.94 -2.62 0.00	47.88 -2.22 0.00	47.49 -2.38 0.00	46.65 -2.14 0.00	48.34 -2.16 0.00	77.53 -3.71 0.00	72.10 -3.99 0.00	82.45 -5.62 2.70	62.29 -3.93 0.00	66.95 -4.87 1.97	53.66 -3.61 0.00	51.32 -3.94 0.00	63.59 -4.90 0.00	52.39 -4.54 10.32	45.69 -4.12 10.98	43.62 -4.07 11.77	36.56 -4.92 24.24	54.40 -4.20 14.31	41.67 -4.05 17.40	37.34 -3.86 15.72	34.24 -3.66 13.09	33.06 -3.50 13.84	41.35 -3.20 2.24	58.22 -4.04 0.00
NEG_PENN_ALLEGHNY 23528	58.97 -0.58 0.00	49.53 -0.56 0.00	49.29 -0.58 0.00	48.23 -0.57 0.00	50.06 -0.44 0.00	80.75 -0.50 0.00	75.56 -0.53 0.00	90.27 -0.04 0.47	66.27 0.06 0.00	73.33 -0.12 0.35	56.92 -0.35 0.00	54.92 -0.34 0.00	68.05 -0.45 0.00	67.94 -0.48 -1.17	62.12 -0.43 -1.78	61.06 -0.41 -2.01	66.76 -0.25 -1.29	75.57 0.20 -2.46	65.52 0.00 -2.39	58.99 -0.25 -2.33	52.91 -0.26 -2.18	52.43 -0.37 -2.38	46.76 -0.41 -0.39	61.67 -0.59 0.00
NEG___GEN_MONROE 24207	57.44 -2.12 0.00	48.32 -1.77 0.00	47.97 -1.89 0.00	47.07 -1.72 0.00	48.69 -1.81 0.00	78.31 -2.94 0.00	73.33 -2.76 0.00	86.79 -3.99 0.00	63.63 -2.59 0.00	70.31 -3.48 0.00	54.64 -2.63 0.00	52.11 -3.15 0.00	64.49 -4.01 0.00	61.82 -4.00 1.44	55.59 -3.41 1.78	54.30 -3.20 1.96	59.57 -3.48 2.67	67.73 -2.82 2.37	57.83 -2.70 2.60	51.85 -2.64 2.43	46.31 -2.55 2.14	45.61 -2.51 2.29	44.21 -2.20 0.37	59.29 -2.96 0.00

NEPA__ENERGY 23901	56.23 -3.33 0.00	47.38 -2.71 0.00	47.02 -2.85 0.00	46.17 -2.63 0.00	47.73 -2.77 0.00	76.67 -4.57 0.00	71.54 -4.55 0.00	81.11 -6.75 2.92	61.61 -4.61 0.00	65.83 -5.83 2.13	52.87 -4.40 0.00	50.33 -4.93 0.00	62.17 -6.32 0.00	47.98 -6.26 13.00	41.02 -5.62 14.15	38.69 -5.54 15.23	29.79 -6.31 29.63	48.72 -5.66 18.53	35.56 -5.41 22.15	31.70 -5.08 20.13	29.29 -4.78 16.92	27.82 -4.65 17.93	39.67 -4.22 2.90	56.91 -5.34 0.00
NEVERSink__HYD 23608	62.37 2.81 0.00	52.32 2.23 0.00	51.95 2.09 0.00	50.74 1.94 0.00	52.62 2.11 0.00	84.90 3.65 0.00	79.83 3.74 0.00	96.46 5.77 0.09	70.47 4.26 0.00	78.51 4.78 0.06	60.57 3.30 0.00	58.60 3.34 0.00	72.60 4.11 0.00	71.25 4.06 0.06	64.38 3.61 0.01	63.13 3.67 0.00	70.14 4.70 0.27	78.57 5.66 0.00	67.66 4.58 0.05	60.67 3.79 0.03	54.42 3.44 0.01	53.59 3.18 0.00	49.66 2.88 0.00	65.85 3.60 0.00
NEWKRMKL_115KV_TB1 55635	61.66 2.11 0.00	51.79 1.69 0.00	51.49 1.63 0.00	50.36 1.57 0.00	52.13 1.62 0.00	83.94 2.69 0.00	78.30 2.21 0.00	94.04 3.26 0.00	68.72 2.51 0.00	76.52 2.73 0.00	59.13 1.86 0.00	57.19 1.92 0.00	70.81 2.32 0.00	69.51 2.26 0.00	62.91 2.13 0.00	61.64 2.18 0.00	68.44 2.72 0.00	76.17 3.26 0.00	65.75 2.62 0.00	59.09 2.18 0.00	52.99 2.00 0.00	52.35 1.94 0.00	48.87 2.08 0.00	64.87 2.62 0.00
NEWTON__FALLS_HYD 23847	58.33 -1.23 0.00	49.03 -1.06 0.00	49.05 -0.82 0.00	48.55 -0.25 0.00	50.93 0.42 0.00	82.36 1.12 0.00	78.37 2.28 0.00	93.47 2.69 0.00	67.24 1.02 0.00	74.63 0.84 0.00	58.16 0.89 0.00	55.49 0.23 0.00	68.68 0.19 0.00	66.88 -0.37 0.00	60.81 0.03 0.00	60.01 0.54 0.00	66.54 0.82 0.00	73.48 0.57 0.00	63.52 0.40 0.00	57.09 0.18 0.00	50.90 -0.08 0.00	47.69 -0.44 2.28	45.08 -1.27 0.44	91.63 -2.39 -31.77
NGRID_A1_DSASP 323792	54.92 -4.64 0.00	46.31 -3.78 0.00	45.95 -3.92 0.00	45.15 -3.65 0.00	46.57 -3.93 0.00	74.55 -6.69 0.00	69.21 -6.88 0.00	76.98 -10.47 3.33	59.18 -7.04 0.00	62.84 -8.54 2.41	51.03 -6.24 0.00	48.52 -6.74 0.00	60.03 -8.46 0.00	48.64 -8.18 10.44	42.91 -7.17 10.71	41.06 -7.00 11.40	31.66 -8.48 25.59	50.98 -8.07 13.86	38.52 -7.30 17.30	34.82 -6.58 15.51	32.38 -5.86 12.74	31.46 -5.53 13.42	39.54 -5.07 2.17	55.76 -6.49 0.00
NGRID_A2_DSASP 323793	54.92 -4.64 0.00	46.31 -3.78 0.00	45.95 -3.92 0.00	45.15 -3.65 0.00	46.57 -3.93 0.00	74.55 -6.69 0.00	69.21 -6.88 0.00	76.98 -10.47 3.33	59.18 -7.04 0.00	62.84 -8.54 2.41	51.03 -6.24 0.00	48.52 -6.74 0.00	60.03 -8.46 0.00	48.64 -8.18 10.44	42.91 -7.17 10.71	41.06 -7.00 11.40	31.66 -8.48 25.59	50.98 -8.07 13.86	38.52 -7.30 17.30	34.82 -6.58 15.51	32.38 -5.86 12.74	31.46 -5.53 13.42	39.54 -5.07 2.17	55.76 -6.49 0.00
NGRID_A4_DSASP 323807	54.92 -4.64 0.00	46.31 -3.78 0.00	45.95 -3.92 0.00	45.15 -3.65 0.00	46.57 -3.93 0.00	74.55 -6.69 0.00	69.21 -6.88 0.00	76.98 -10.47 3.33	59.18 -7.04 0.00	62.84 -8.54 2.41	51.03 -6.24 0.00	48.52 -6.74 0.00	60.03 -8.46 0.00	48.64 -8.18 10.44	42.91 -7.17 10.71	41.06 -7.00 11.40	31.66 -8.48 25.59	50.98 -8.07 13.86	38.52 -7.30 17.30	34.82 -6.58 15.51	32.38 -5.86 12.74	31.46 -5.53 13.42	39.54 -5.07 2.17	55.76 -6.49 0.00
NIAGARA_115E_LBMP 323715	54.47 -5.09 0.00	45.96 -4.13 0.00	45.59 -4.28 0.00	44.78 -4.02 0.00	46.21 -4.30 0.00	73.92 -7.33 0.00	68.58 -7.50 0.00	77.02 -10.78 2.98	58.94 -7.28 0.00	62.77 -8.81 2.21	50.82 -6.46 0.00	48.30 -6.96 0.00	59.72 -8.77 0.00	48.54 -8.35 10.36	42.63 -7.35 10.81	41.09 -6.83 11.54	32.51 -8.28 24.92	51.24 -7.64 14.04	38.96 -6.85 17.31	35.02 -6.31 15.57	32.33 -5.78 12.88	31.41 -5.41 13.58	39.35 -5.24 2.20	55.53 -6.72 0.00
NIAGARA_115W_LBMP 323714	54.84 -4.72 0.00	46.25 -3.85 0.00	45.88 -3.99 0.00	45.08 -3.71 0.00	46.51 -4.00 0.00	74.46 -6.79 0.00	69.12 -6.97 0.00	76.78 -10.64 3.36	59.04 -7.18 0.00	62.67 -8.68 2.44	50.93 -6.34 0.00	48.43 -6.84 0.00	59.90 -8.58 0.00	48.56 -8.28 10.41	42.86 -7.26 10.65	41.02 -7.10 11.34	31.51 -8.60 25.60	50.89 -8.23 13.79	38.45 -7.43 17.24	34.77 -6.69 15.44	32.36 -5.95 12.68	31.47 -5.60 13.34	39.46 -5.16 2.16	55.65 -6.60 0.00
NIAGARA_230_LBMP 323716	54.99 -4.57 0.00	46.35 -3.74 0.00	45.98 -3.89 0.00	45.18 -3.62 0.00	46.62 -3.88 0.00	74.66 -6.59 0.00	69.39 -6.70 0.00	77.43 -9.71 3.63	59.63 -6.59 0.00	63.15 -7.99 2.64	51.41 -5.86 0.00	48.90 -6.36 0.00	60.55 -7.95 0.00	49.23 -7.81 10.21	43.63 -6.94 10.21	41.89 -6.75 10.82	31.92 -8.05 25.75	52.31 -7.45 13.16	39.63 -6.77 16.73	35.77 -6.23 14.91	33.18 -5.67 12.13	32.27 -5.41 12.73	39.91 -4.82 2.06	56.11 -6.14 0.00
NIAGARA__115KV_198_GIBSON 55903	54.85 -4.71 0.00	46.25 -3.84 0.00	45.88 -3.99 0.00	45.08 -3.71 0.00	46.52 -3.99 0.00	74.46 -6.79 0.00	69.11 -6.98 0.00	76.77 -10.65 3.36	59.05 -7.16 0.00	62.72 -8.63 2.44	50.93 -6.35 0.00	48.42 -6.84 0.00	59.92 -8.57 0.00	48.39 -8.45 10.41	42.61 -7.51 10.65	40.92 -7.20 11.34	31.82 -8.29 25.60	50.89 -8.23 13.79	38.41 -7.47 17.24	34.64 -6.83 15.44	32.27 -6.04 12.68	31.30 -5.76 13.34	39.45 -5.17 2.16	55.65 -6.60 0.00
NIAGARA____ 23760	54.99 -4.57 0.00	46.35 -3.74 0.00	45.98 -3.89 0.00	45.18 -3.62 0.00	46.62 -3.88 0.00	74.66 -6.59 0.00	69.39 -6.70 0.00	77.67 -9.71 3.40	59.63 -6.59 0.00	63.31 -7.99 2.49	51.41 -5.86 0.00	48.90 -6.36 0.00	60.55 -7.95 0.00	49.25 -7.81 10.19	43.53 -6.94 10.31	41.77 -6.75 10.94	32.28 -8.05 25.38	52.08 -7.45 13.39	39.50 -6.77 16.85	35.62 -6.23 15.06	33.06 -5.67 12.26	32.12 -5.41 12.88	39.88 -4.82 2.08	56.11 -6.14 0.00
NINE_MILE_1 23575	57.10 -2.45 0.00	48.02 -2.07 0.00	47.79 -2.08 0.00	46.79 -2.01 0.00	48.43 -2.07 0.00	77.96 -3.28 0.00	73.11 -2.98 0.00	87.28 -3.50 0.00	63.67 -2.55 0.00	70.86 -2.93 0.00	54.88 -2.39 0.00	52.88 -2.39 0.00	65.52 -2.97 0.00	64.30 -2.95 0.00	58.19 -2.59 0.00	56.99 -2.47 0.00	63.10 -2.62 0.00	70.20 -2.71 0.00	60.69 -2.44 0.00	54.64 -2.27 0.00	48.93 -2.05 0.00	48.37 -2.04 0.00	44.88 -1.90 0.00	59.65 -2.60 0.00
NINE_MILE_2 23744	57.10 -2.45 0.00	48.02 -2.07 0.00	47.79 -2.08 0.00	46.79 -2.01 0.00	48.44 -2.07 0.00	77.97 -3.27 0.00	73.12 -2.97 0.00	87.28 -3.50 0.00	63.67 -2.55 0.00	70.87 -2.92 0.00	54.88 -2.39 0.00	52.89 -2.38 0.00	65.52 -2.97 0.00	64.30 -2.95 0.00	58.20 -2.58 0.00	57.00 -2.47 0.00	63.10 -2.62 0.00	70.20 -2.71 0.00	60.69 -2.44 0.00	54.64 -2.27 0.00	48.93 -2.05 0.00	48.37 -2.04 0.00	44.88 -1.90 0.00	59.65 -2.60 0.00
NM_CAPITAL__DRP 24208	61.71 2.16 0.00	51.84 1.74 0.00	51.54 1.67 0.00	50.39 1.60 0.00	52.16 1.66 0.00	84.03 2.79 0.00	78.44 2.35 0.00	94.22 3.44 0.00	68.86 2.64 0.00	76.68 2.89 0.00	59.23 1.96 0.00	57.30 2.04 0.00	70.95 2.45 0.00	69.64 2.39 0.00	63.03 2.25 0.00	61.77 2.31 0.00	68.57 2.85 0.00	76.30 3.39 0.00	65.88 2.75 0.00	59.21 2.30 0.00	53.12 2.13 0.00	52.44 2.03 0.00	48.93 2.14 0.00	64.98 2.73 0.00

NM_CENTRAL___DRP 24181	58.11 -1.44 0.00	48.85 -1.24 0.00	48.60 -1.26 0.00	47.58 -1.21 0.00	49.30 -1.20 0.00	79.43 -1.82 0.00	74.55 -1.54 0.00	89.14 -1.63 0.00	65.30 -0.92 0.00	72.40 -1.39 0.00	56.01 -1.26 0.00	53.93 -1.34 0.00	66.80 -1.69 0.00	65.54 -1.71 0.00	59.34 -1.44 0.00	58.15 -1.32 0.00	64.46 -1.26 0.00	71.81 -1.11 0.00	62.04 -1.08 0.00	55.79 -1.12 0.00	49.96 -1.02 0.00	49.39 -1.02 0.00	45.80 -0.99 0.00	60.84 -1.41 0.00
NM_FRONTIER___DRP 24179	54.85 -4.71 0.00	46.25 -3.84 0.00	45.88 -3.99 0.00	45.08 -3.71 0.00	46.52 -3.99 0.00	74.46 -6.79 0.00	69.11 -6.98 0.00	76.77 -10.65 3.36	59.05 -7.16 0.00	62.72 -8.63 2.44	50.93 -6.35 0.00	48.42 -6.84 0.00	59.92 -8.57 0.00	48.39 -8.45 10.41	42.61 -7.51 10.65	40.92 -7.20 11.34	31.82 -8.29 25.60	50.89 -8.23 13.79	38.41 -7.47 17.24	34.64 -6.83 15.44	32.27 -6.04 12.68	31.30 -5.76 13.34	39.45 -5.17 2.16	55.65 -6.60 0.00
NM_ST_REGIS___HYD 24053	59.60 0.05 0.00	50.10 0.00 0.00	50.07 0.20 0.00	49.41 0.62 0.00	51.84 1.34 0.00	83.78 2.54 0.00	79.57 3.48 0.00	94.68 3.91 0.00	68.62 2.40 0.00	76.35 2.56 0.00	59.64 2.37 0.00	56.92 1.65 0.00	70.56 2.07 0.00	68.97 1.71 0.00	62.49 1.71 0.00	61.23 1.76 0.00	67.56 1.85 0.00	74.57 1.65 0.00	64.76 1.64 0.00	58.36 1.45 0.00	51.83 0.84 0.00	46.48 0.21 4.15	45.34 -0.64 0.80	115.44 -1.46 -54.65
NORTHPORT___1 23551	63.69 4.13 0.00	53.34 3.25 0.00	52.64 2.78 0.00	51.41 2.61 0.00	53.29 2.79 0.00	86.10 4.86 0.00	80.76 4.67 0.00	98.21 7.50 0.07	71.41 5.20 0.00	79.51 5.77 0.05	62.64 4.34 -1.03	59.67 4.41 0.00	73.83 5.34 0.00	72.43 5.23 0.05	65.42 4.65 0.01	63.86 4.40 0.00	71.50 5.49 -0.30	79.26 6.35 0.00	68.25 5.17 0.04	61.28 4.40 0.03	55.16 4.18 0.01	54.64 4.23 0.00	50.63 3.84 0.00	67.21 4.96 0.00
NORTHPORT___2 23552	63.69 4.13 0.00	53.34 3.25 0.00	52.64 2.78 0.00	51.41 2.61 0.00	53.29 2.79 0.00	86.10 4.86 0.00	80.76 4.67 0.00	98.21 7.50 0.07	71.41 5.20 0.00	79.51 5.77 0.05	62.64 4.34 -1.03	59.67 4.41 0.00	73.83 5.34 0.00	72.43 5.23 0.05	65.42 4.65 0.01	63.86 4.40 0.00	71.50 5.49 -0.30	79.26 6.35 0.00	68.25 5.17 0.04	61.28 4.40 0.03	55.16 4.18 0.01	54.64 4.23 0.00	50.63 3.84 0.00	67.21 4.96 0.00
NORTHPORT___3 23553	63.22 3.66 0.00	52.97 2.88 0.00	52.33 2.46 0.00	51.12 2.32 0.00	52.98 2.48 0.00	85.45 4.21 0.00	80.18 4.08 0.00	97.38 6.68 0.07	70.76 4.54 0.00	78.76 5.02 0.05	62.21 3.92 -1.02	59.21 3.95 0.00	73.21 4.72 0.00	71.85 4.64 0.05	64.86 4.08 0.01	63.34 3.88 0.00	70.84 4.83 -0.30	78.61 5.70 0.00	67.69 4.61 0.04	60.79 3.90 0.03	54.74 3.75 0.01	54.21 3.80 0.00	50.28 3.49 0.00	66.65 4.39 0.00
NORTHPORT___4 23650	63.22 3.66 0.00	52.97 2.88 0.00	52.33 2.46 0.00	51.12 2.32 0.00	52.98 2.48 0.00	85.45 4.21 0.00	80.18 4.08 0.00	97.38 6.68 0.07	70.76 4.54 0.00	78.76 5.02 0.05	62.21 3.92 -1.02	59.21 3.95 0.00	73.21 4.72 0.00	71.85 4.64 0.05	64.86 4.08 0.01	63.34 3.88 0.00	70.84 4.83 -0.30	78.61 5.70 0.00	67.69 4.61 0.04	60.79 3.90 0.03	54.74 3.75 0.01	54.21 3.80 0.00	50.28 3.49 0.00	66.65 4.39 0.00
NORTHPORT___IC 23718	63.69 4.14 0.00	53.34 3.25 0.00	52.64 2.78 0.00	51.41 2.61 0.00	53.29 2.78 0.00	86.10 4.86 0.00	80.76 4.67 0.00	98.22 7.51 0.07	71.41 5.19 0.00	79.50 5.76 0.05	62.64 4.34 -1.03	59.68 4.41 0.00	73.83 5.34 0.00	72.43 5.23 0.05	65.44 4.66 0.01	63.86 4.40 0.00	71.47 5.46 -0.30	79.26 6.35 0.00	68.25 5.17 0.04	61.29 4.40 0.03	55.17 4.19 0.01	54.65 4.24 0.00	50.63 3.85 0.00	67.21 4.96 0.00
NORTH___COUNTRY_ESR 323785	60.62 1.06 0.00	51.03 0.93 0.00	50.99 1.12 0.00	49.78 0.99 0.00	51.29 0.79 0.00	82.42 1.18 0.00	77.26 1.17 0.00	91.18 0.40 0.00	66.47 0.25 0.00	74.52 0.74 0.00	58.51 1.23 0.00	56.41 1.15 0.00	70.27 1.78 0.00	68.72 1.47 0.00	62.19 1.40 0.00	60.44 0.98 0.00	65.54 -0.18 0.00	71.77 -1.15 0.00	62.66 -0.46 0.00	56.60 -0.31 0.00	50.18 -0.81 0.00	41.37 -1.37 7.67	43.61 -1.68 1.50	-15.09 -2.45 74.89
NPX_GEN_1385_PROXY 323591	64.58 5.02 0.00	53.78 3.69 0.00	52.76 2.89 0.00	51.51 2.72 0.00	53.22 2.71 0.00	86.57 5.33 0.00	81.21 5.12 0.00	99.71 9.01 0.07	72.48 6.26 0.00	80.01 7.02 0.80	63.78 5.47 -1.03	60.68 5.42 0.00	74.64 6.15 0.00	73.00 5.80 0.05	66.20 5.43 0.01	64.35 4.89 0.00	72.07 6.05 -0.30	79.59 6.67 0.00	68.43 5.35 0.04	61.56 4.68 0.03	55.37 4.39 0.01	54.97 4.56 0.00	50.68 3.89 0.00	67.98 5.73 0.00
NPX_GEN_CSC 323557	64.36 4.80 0.00	53.93 3.84 0.00	53.25 3.39 0.00	51.98 3.19 0.00	53.90 3.39 0.00	87.09 5.85 0.00	81.78 5.69 0.00	99.43 8.72 0.07	72.27 6.05 0.00	79.63 6.64 0.80	62.58 4.29 -1.01	59.46 4.19 0.00	74.08 5.59 0.00	73.03 5.82 0.05	65.82 5.05 0.01	64.38 4.91 0.00	72.34 6.32 -0.30	80.29 7.38 0.00	69.11 6.02 0.04	61.95 5.07 0.03	55.66 4.68 0.01	55.10 4.69 0.00	50.94 4.15 0.00	67.34 5.09 0.00
NSINS_S___GLNS_FALLS 23858	61.92 2.36 0.00	51.97 1.88 0.00	51.68 1.82 0.00	50.48 1.68 0.00	52.25 1.75 0.00	84.68 3.44 0.00	80.21 4.12 0.00	97.03 6.26 0.00	70.96 4.75 0.00	78.91 5.12 0.00	60.71 3.43 0.00	58.72 3.46 0.00	72.69 4.20 0.00	70.94 3.69 0.00	64.38 3.61 0.00	62.84 3.38 0.00	70.06 4.34 0.00	78.00 5.08 0.00	67.33 4.20 0.00	60.52 3.61 0.00	54.20 3.21 0.00	53.23 2.82 0.00	49.24 2.45 0.00	65.24 2.99 0.00
NUCOR_STEEL___DRP 24197	59.14 -0.42 0.00	49.69 -0.41 0.00	49.44 -0.43 0.00	48.40 -0.40 0.00	49.96 -0.55 0.00	80.71 -0.54 0.00	75.94 -0.14 0.00	90.77 0.00 0.00	67.31 1.09 0.00	73.28 -0.51 0.00	56.35 -0.93 0.00	54.33 -0.94 0.00	67.26 -1.22 0.00	66.12 -1.13 0.00	59.88 -0.90 0.00	58.69 -0.77 0.00	65.08 -0.64 0.00	72.71 -0.20 0.00	62.55 -0.57 0.00	56.43 -0.49 0.00	50.33 -0.65 0.00	49.84 -0.57 0.00	46.24 -0.55 0.00	61.17 -1.09 0.00
NUMBER_THREE_WT_PWR 323818	58.26 -1.30 0.00	49.01 -1.09 0.00	49.07 -0.79 0.00	48.60 -0.19 0.00	50.70 0.19 0.00	81.85 0.61 0.00	77.68 1.59 0.00	92.73 1.96 0.00	66.33 0.11 0.00	73.62 -0.17 0.00	57.37 0.09 0.00	54.90 -0.36 0.00	67.88 -0.61 0.00	65.95 -1.30 0.00	60.21 -0.57 0.00	59.59 0.13 0.00	66.02 0.30 0.00	72.75 -0.17 0.00	62.59 -0.53 0.00	56.18 -0.73 0.00	50.33 -0.66 0.00	48.97 -0.66 0.77	45.21 -1.43 0.15	73.51 -2.57 -13.82
NYISO_LBMP_REFERENCE 24008	59.56 0.00 0.00	50.09 0.00 0.00	49.87 0.00 0.00	48.80 0.00 0.00	50.51 0.00 0.00	81.25 0.00 0.00	76.09 0.00 0.00	90.78 0.00 0.00	66.22 0.00 0.00	73.79 0.00 0.00	57.28 0.00 0.00	55.27 0.00 0.00	68.49 0.00 0.00	67.25 0.00 0.00	60.78 0.00 0.00	59.46 0.00 0.00	65.72 0.00 0.00	72.91 0.00 0.00	63.12 0.00 0.00	56.91 0.00 0.00	50.99 0.00 0.00	50.41 0.00 0.00	46.79 0.00 0.00	62.25 0.00 0.00

NYPA_BRENTWD____GT 24164	64.11 4.55 0.00	53.69 3.60 0.00	53.02 3.16 0.00	51.77 2.97 0.00	53.68 3.18 0.00	86.73 5.48 0.00	81.32 5.23 0.00	98.75 8.05 0.07	72.02 5.80 0.00	80.31 6.57 0.05	63.19 4.92 -1.00	60.19 4.92 0.00	74.52 6.03 0.00	73.14 5.93 0.05	66.06 5.29 0.01	64.55 5.09 0.00	72.27 6.24 -0.31	80.06 7.14 0.00	69.01 5.93 0.04	62.03 5.14 0.03	55.77 4.79 0.01	55.21 4.80 0.00	51.11 4.32 0.00	67.71 5.46 0.00
NYPA_GOWANUS____GT5 24156	62.43 2.87 0.00	52.49 2.40 0.00	52.04 2.18 0.00	50.84 2.04 0.00	52.63 2.13 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.55 0.07	70.19 3.97 0.00	78.14 4.40 0.05	60.23 2.96 0.00	58.40 3.14 0.00	72.31 3.82 0.00	71.03 3.82 0.05	64.14 3.36 0.01	62.91 3.45 0.00	69.98 4.48 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.47 3.49 0.01	53.76 3.35 0.00	50.01 3.23 0.00	66.46 4.21 0.00
NYPA_GOWANUS____GT6 24157	62.43 2.87 0.00	52.49 2.40 0.00	52.04 2.18 0.00	50.84 2.04 0.00	52.63 2.13 0.00	84.73 3.48 0.00	79.64 3.55 0.00	96.26 5.55 0.07	70.19 3.97 0.00	78.14 4.40 0.05	60.23 2.96 0.00	58.40 3.14 0.00	72.31 3.82 0.00	71.03 3.82 0.05	64.14 3.36 0.01	62.91 3.45 0.00	69.98 4.48 0.22	78.35 5.44 0.00	67.47 4.39 0.04	60.55 3.67 0.03	54.47 3.49 0.01	53.76 3.35 0.00	50.01 3.23 0.00	66.46 4.21 0.00
NYPA_HARLEM__RVR__GT1 24160	62.26 2.70 0.00	52.28 2.19 0.00	51.83 1.97 0.00	50.62 1.82 0.00	52.43 1.92 0.00	84.54 3.29 0.00	79.53 3.44 0.00	96.12 5.42 0.07	70.15 3.93 0.00	78.08 4.34 0.05	60.25 2.97 0.00	58.39 3.12 0.00	72.30 3.81 0.00	70.98 3.78 0.05	64.11 3.34 0.01	62.82 3.36 0.00	69.77 4.27 0.22	78.10 5.18 0.00	67.21 4.13 0.04	60.37 3.48 0.03	54.34 3.36 0.01	53.57 3.17 0.00	49.81 3.03 0.00	66.14 3.88 0.00
NYPA_HARLEM__RVR__GT2 24161	62.26 2.70 0.00	52.28 2.19 0.00	51.83 1.97 0.00	50.62 1.82 0.00	52.43 1.92 0.00	84.54 3.29 0.00	79.53 3.44 0.00	96.12 5.42 0.07	70.15 3.93 0.00	78.08 4.34 0.05	60.25 2.97 0.00	58.39 3.12 0.00	72.30 3.81 0.00	70.98 3.78 0.05	64.11 3.34 0.01	62.82 3.36 0.00	69.77 4.27 0.22	78.10 5.18 0.00	67.21 4.13 0.04	60.37 3.48 0.03	54.34 3.36 0.01	53.57 3.17 0.00	49.81 3.03 0.00	66.14 3.88 0.00
NYPA_KENT____GT 24152	62.42 2.86 0.00	52.46 2.36 0.00	52.01 2.14 0.00	50.79 2.00 0.00	52.60 2.10 0.00	84.67 3.43 0.00	79.65 3.55 0.00	96.29 5.58 0.07	70.25 4.03 0.00	78.21 4.47 0.05	60.28 3.01 0.00	58.45 3.18 0.00	72.35 3.86 0.00	71.07 3.86 0.05	64.19 3.41 0.01	62.93 3.47 0.00	70.00 4.50 0.22	78.35 5.44 0.00	67.45 4.37 0.04	60.53 3.64 0.03	54.47 3.49 0.01	53.73 3.32 0.00	49.97 3.18 0.00	66.40 4.15 0.00
NYPA_POUCH1____GT 24155	62.32 2.76 0.00	52.45 2.36 0.00	52.03 2.16 0.00	50.86 2.06 0.00	52.62 2.11 0.00	84.62 3.38 0.00	78.17 3.37 1.29	93.40 5.27 2.66	67.24 3.72 2.70	75.36 4.16 2.58	59.26 2.72 0.74	57.89 2.93 0.31	71.36 3.56 0.68	70.06 3.58 0.76	63.30 3.14 0.62	61.97 3.22 0.71	69.77 4.27 0.22	78.13 5.22 0.00	67.30 4.22 0.04	60.40 3.51 0.03	54.36 3.38 0.01	53.68 3.27 0.00	49.97 3.18 0.00	66.50 4.24 0.00
NYPA_VERNON____GT2 24162	62.38 2.82 0.00	52.41 2.32 0.00	51.96 2.09 0.00	50.73 1.94 0.00	52.56 2.05 0.00	84.62 3.37 0.00	79.60 3.51 0.00	96.26 5.56 0.07	70.27 4.06 0.00	78.27 4.53 0.05	60.35 3.08 0.00	58.51 3.24 0.00	72.44 3.94 0.00	71.13 3.92 0.05	64.25 3.48 0.01	62.99 3.53 0.00	70.03 4.52 0.22	78.36 5.45 0.00	67.45 4.37 0.04	60.51 3.62 0.03	54.44 3.46 0.01	53.69 3.28 0.00	49.91 3.12 0.00	66.27 4.02 0.00
NYPA_VERNON____GT3 24163	62.38 2.82 0.00	52.41 2.32 0.00	51.96 2.09 0.00	50.73 1.94 0.00	52.56 2.05 0.00	84.62 3.37 0.00	79.60 3.51 0.00	96.26 5.56 0.07	70.27 4.06 0.00	78.27 4.53 0.05	60.35 3.08 0.00	58.51 3.24 0.00	72.44 3.94 0.00	71.13 3.92 0.05	64.25 3.48 0.01	62.99 3.53 0.00	70.03 4.52 0.22	78.36 5.45 0.00	67.45 4.37 0.04	60.51 3.62 0.03	54.44 3.46 0.01	53.69 3.28 0.00	49.91 3.12 0.00	66.27 4.02 0.00
NYPA__ASTORIA_CC1 323568	62.29 2.73 0.00	52.32 2.23 0.00	51.88 2.01 0.00	50.65 1.85 0.00	52.47 1.97 0.00	84.47 3.23 0.00	79.47 3.38 0.00	96.12 5.41 0.07	70.14 3.93 0.00	78.13 4.40 0.05	60.27 2.99 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.02 3.82 0.05	64.14 3.37 0.01	62.90 3.44 0.00	69.94 4.43 0.22	78.26 5.35 0.00	67.36 4.28 0.04	60.44 3.56 0.03	54.35 3.37 0.01	53.59 3.18 0.00	49.82 3.03 0.00	66.16 3.91 0.00
NYPA__ASTORIA_CC2 323569	62.30 2.74 0.00	52.34 2.25 0.00	51.89 2.02 0.00	50.67 1.87 0.00	52.48 1.97 0.00	84.47 3.23 0.00	79.48 3.39 0.00	96.12 5.41 0.07	70.14 3.93 0.00	78.13 4.40 0.05	60.27 2.99 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.03 3.82 0.05	64.15 3.38 0.01	62.90 3.44 0.00	69.94 4.43 0.22	78.26 5.35 0.00	67.36 4.28 0.04	60.44 3.56 0.03	54.35 3.37 0.01	53.59 3.18 0.00	49.82 3.03 0.00	66.18 3.92 0.00
NYPA__HOLTSVILL 23794	63.67 4.12 0.00	53.34 3.26 0.00	52.68 2.81 0.00	51.44 2.64 0.00	53.34 2.84 0.00	86.15 4.90 0.00	80.83 4.74 0.00	98.26 7.55 0.07	71.50 5.28 0.00	79.61 5.87 0.05	62.63 4.34 -1.01	59.61 4.35 0.00	73.83 5.34 0.00	72.48 5.27 0.05	65.42 4.65 0.01	63.94 4.48 0.00	71.70 5.68 -0.30	79.55 6.64 0.00	68.49 5.40 0.04	61.45 4.57 0.03	55.28 4.29 0.01	54.81 4.40 0.00	50.76 3.97 0.00	67.21 4.96 0.00
NYPA__HELLGATE_GT1 24158	62.26 2.70 0.00	52.28 2.19 0.00	51.83 1.97 0.00	50.62 1.82 0.00	52.43 1.92 0.00	84.54 3.29 0.00	79.53 3.44 0.00	96.12 5.42 0.07	70.15 3.93 0.00	78.08 4.34 0.05	60.25 2.97 0.00	58.39 3.12 0.00	72.30 3.81 0.00	70.98 3.78 0.05	64.11 3.34 0.01	62.82 3.36 0.00	69.80 4.29 0.22	78.10 5.18 0.00	67.21 4.13 0.04	60.37 3.48 0.03	54.34 3.36 0.01	53.57 3.17 0.00	49.81 3.03 0.00	66.14 3.88 0.00
NYPA__HELLGATE_GT2 24159	62.26 2.70 0.00	52.28 2.19 0.00	51.83 1.97 0.00	50.62 1.82 0.00	52.43 1.92 0.00	84.54 3.29 0.00	79.53 3.44 0.00	96.12 5.42 0.07	70.15 3.93 0.00	78.08 4.34 0.05	60.25 2.97 0.00	58.39 3.12 0.00	72.30 3.81 0.00	70.98 3.78 0.05	64.11 3.34 0.01	62.82 3.36 0.00	69.80 4.29 0.22	78.10 5.18 0.00	67.21 4.13 0.04	60.37 3.48 0.03	54.34 3.36 0.01	53.57 3.17 0.00	49.81 3.03 0.00	66.14 3.88 0.00
NYS_BARGE__HYD 23848	55.30 -4.26 0.00	46.64 -3.45 0.00	46.24 -3.62 0.00	45.44 -3.36 0.00	46.89 -3.62 0.00	75.15 -6.10 0.00	69.89 -6.20 0.00	79.62 -8.71 2.45	60.61 -5.60 0.00	65.11 -6.95 1.73	52.16 -5.12 0.00	49.57 -5.69 0.00	61.30 -7.19 0.00	51.27 -6.91 9.07	45.07 -6.06 9.65	43.40 -5.71 10.34	37.52 -6.89 21.30	54.25 -6.08 12.58	42.38 -5.45 15.29	38.07 -5.02 13.82	34.84 -4.64 11.51	33.86 -4.38 12.17	40.69 -4.13 1.97	56.90 -5.35 0.00

OAK ORCHARD___HYD 24046	57.18 -2.38 0.00	48.11 -1.98 0.00	47.76 -2.11 0.00	46.85 -1.95 0.00	48.46 -2.05 0.00	77.93 -3.31 0.00	72.99 -3.10 0.00	86.51 -4.37 -0.11	63.33 -2.89 0.00	70.08 -3.80 -0.08	54.42 -2.86 0.00	52.03 -3.23 0.00	64.42 -4.07 0.00	63.29 -4.03 -0.07	57.27 -3.51 -0.01	56.08 -3.38 0.00	62.17 -3.90 -0.36	69.65 -3.26 0.00	60.14 -3.06 -0.07	54.04 -2.92 -0.05	48.24 -2.76 -0.01	47.72 -2.69 0.00	44.39 -2.40 0.00	59.06 -3.20 0.00
OAKDALE___35_KV_LOAD 356122	58.89 -0.67 0.00	49.46 -0.63 0.00	49.24 -0.63 0.00	48.17 -0.62 0.00	50.00 -0.51 0.00	80.64 -0.61 0.00	75.42 -0.67 0.00	90.00 -0.28 0.49	66.10 -0.11 0.00	73.13 -0.29 0.37	56.79 -0.48 0.00	54.79 -0.47 0.00	67.89 -0.60 0.00	67.86 -0.62 -1.24	62.10 -0.56 -1.87	61.05 -0.53 -2.12	66.67 -0.41 -1.36	75.56 0.04 -2.60	65.51 -0.14 -2.53	59.03 -0.35 -2.46	52.94 -0.35 -2.31	52.51 -0.41 -2.52	46.74 -0.45 -0.41	61.62 -0.64 0.00
OCC_CHEM___DRP 24175	54.92 -4.64 0.00	46.31 -3.78 0.00	45.95 -3.92 0.00	45.15 -3.65 0.00	46.58 -3.93 0.00	74.57 -6.68 0.00	69.21 -6.88 0.00	76.97 -10.48 3.33	59.19 -7.03 0.00	62.89 -8.48 2.41	51.03 -6.24 0.00	48.51 -6.75 0.00	60.04 -8.45 0.00	48.49 -8.32 10.44	42.65 -7.43 10.71	40.95 -7.11 11.40	31.95 -8.18 25.59	50.98 -8.07 13.86	38.49 -7.33 17.30	34.69 -6.71 15.51	32.28 -5.96 12.74	31.31 -5.69 13.42	39.53 -5.08 2.17	55.77 -6.48 0.00
OH_GEN_PROXY 24063	55.05 -4.51 0.00	46.39 -3.70 0.00	46.03 -3.84 0.00	45.21 -3.59 0.00	46.68 -3.83 0.00	74.80 -6.45 0.00	69.53 -6.56 0.00	78.64 -9.41 2.72	59.80 -6.41 0.00	63.27 -7.79 2.74	51.56 -5.71 0.00	49.08 -6.19 0.00	60.78 -7.71 0.00	50.78 -7.58 8.89	44.83 -6.76 9.19	43.07 -6.59 9.80	36.26 -7.85 21.62	53.78 -7.22 11.92	41.75 -6.58 14.79	37.57 -6.06 13.28	34.50 -5.54 10.95	33.57 -5.30 11.54	40.21 -4.71 1.87	56.23 -6.03 0.00
OLIN_CORP_DRP 24177	54.59 -4.97 0.00	46.06 -4.03 0.00	45.69 -4.18 0.00	44.88 -3.92 0.00	46.32 -4.19 0.00	74.09 -7.15 0.00	68.77 -7.32 0.00	77.21 -10.55 3.02	59.10 -7.11 0.00	62.96 -8.60 2.23	50.94 -6.34 0.00	48.42 -6.84 0.00	59.88 -8.61 0.00	48.56 -8.17 10.52	42.63 -7.17 10.97	40.86 -6.88 11.73	32.22 -8.24 25.26	51.11 -7.54 14.26	38.64 -6.91 17.57	34.84 -6.25 15.81	32.17 -5.74 13.08	31.09 -5.51 13.80	39.42 -5.14 2.23	55.67 -6.58 0.00
OLIN_CORP_DSASP 323712	54.92 -4.64 0.00	46.31 -3.78 0.00	45.95 -3.92 0.00	45.15 -3.65 0.00	46.57 -3.93 0.00	74.55 -6.69 0.00	69.21 -6.88 0.00	76.98 -10.47 3.33	59.18 -7.04 0.00	62.84 -8.54 2.41	51.03 -6.24 0.00	48.52 -6.74 0.00	60.03 -8.46 0.00	48.64 -8.18 10.44	42.91 -7.17 10.71	41.06 -7.00 11.40	31.66 -8.48 25.59	50.98 -8.07 13.86	38.52 -7.30 17.30	34.82 -6.58 15.51	32.38 -5.86 12.74	31.46 -5.53 13.42	39.54 -5.07 2.17	55.76 -6.49 0.00
ONEIDA_HERK_LFGE 323681	59.88 0.32 0.00	50.36 0.27 0.00	50.22 0.36 0.00	49.37 0.58 0.00	51.33 0.83 0.00	82.83 1.58 0.00	78.10 2.01 0.00	93.40 2.63 0.00	67.66 1.44 0.00	75.22 1.43 0.00	58.39 1.12 0.00	56.08 0.81 0.00	69.39 0.90 0.00	67.82 0.57 0.00	61.65 0.87 0.00	60.67 1.21 0.00	67.15 1.44 0.00	74.37 1.45 0.00	64.21 1.08 0.00	57.72 0.81 0.00	51.68 0.70 0.00	51.03 0.63 0.00	46.98 0.19 0.00	68.48 -0.11 -6.34
ONEIDA___115KV_TB4 55905	60.55 0.99 0.00	50.94 0.85 0.00	50.73 0.87 0.00	49.69 0.90 0.00	51.62 1.12 0.00	83.25 2.01 0.00	78.32 2.23 0.00	93.79 3.01 0.00	68.47 2.25 0.00	76.06 2.27 0.00	58.90 1.63 0.00	56.52 1.25 0.00	69.96 1.47 0.00	68.60 1.35 0.00	62.27 1.49 0.00	61.20 1.74 0.00	67.73 2.01 0.00	75.11 2.20 0.00	64.92 1.79 0.00	58.37 1.46 0.00	52.23 1.24 0.00	51.55 1.14 0.00	47.66 0.87 0.00	65.82 0.88 -2.67
ONONDAGA_REF_OCCRA 23987	58.58 -0.98 0.00	49.24 -0.85 0.00	48.98 -0.89 0.00	47.94 -0.86 0.00	49.70 -0.81 0.00	80.07 -1.18 0.00	75.15 -0.94 0.00	89.92 -0.85 0.00	65.96 -0.26 0.00	73.01 -0.78 0.00	56.45 -0.82 0.00	54.35 -0.91 0.00	67.34 -1.16 0.00	66.08 -1.17 0.00	59.82 -0.96 0.00	58.61 -0.85 0.00	65.00 -0.71 0.00	72.45 -0.47 0.00	62.59 -0.53 0.00	56.29 -0.62 0.00	50.39 -0.59 0.00	49.78 -0.63 0.00	46.15 -0.64 0.00	61.30 -0.95 0.00
ONONDAGA___COGEN 23986	58.56 -1.00 0.00	49.20 -0.89 0.00	48.95 -0.92 0.00	47.93 -0.87 0.00	49.65 -0.86 0.00	79.99 -1.26 0.00	75.12 -0.97 0.00	89.88 -0.90 0.00	66.36 0.14 0.00	72.71 -1.08 0.00	56.17 -1.10 0.00	54.11 -1.15 0.00	67.03 -1.46 0.00	65.80 -1.45 0.00	59.58 -1.20 0.00	58.38 -1.08 0.00	64.73 -0.98 0.00	72.14 -0.78 0.00	62.30 -0.82 0.00	56.07 -0.84 0.00	50.18 -0.81 0.00	49.59 -0.82 0.00	45.98 -0.82 0.00	61.03 -1.23 0.00
ONTARIO___LFGE 23819	58.19 -1.37 0.00	48.86 -1.23 0.00	48.62 -1.25 0.00	47.60 -1.19 0.00	49.41 -1.10 0.00	79.87 -1.38 0.00	74.98 -1.11 0.00	89.47 -1.16 0.14	65.89 -0.32 0.00	72.34 -1.35 0.10	55.81 -1.47 0.00	53.44 -1.83 0.00	66.35 -2.14 0.00	70.33 -2.27 -5.35	65.68 -1.83 -6.73	65.20 -1.68 -7.41	73.78 -1.64 -9.70	80.50 -1.45 -9.03	71.45 -1.47 -9.80	64.61 -1.50 -9.20	57.64 -1.49 -8.14	57.58 -1.58 -8.75	46.72 -1.48 -1.42	60.21 -2.05 0.00
ORANGEVILLE_WT_PWR 323706	55.55 -4.01 0.00	46.77 -3.32 0.00	46.55 -3.31 0.00	45.71 -3.09 0.00	47.30 -3.20 0.00	76.22 -5.02 0.00	71.17 -4.92 0.00	81.67 -6.74 2.37	61.62 -4.60 0.00	66.40 -5.67 1.72	52.51 -4.76 0.00	50.07 -5.19 0.00	62.06 -6.43 0.00	26.37 -6.44 34.44	13.85 -5.82 41.10	8.63 -5.89 44.94	-9.47 -6.72 68.47	11.74 -6.50 54.68	-4.16 -5.93 61.35	-5.66 -5.64 56.92	-3.66 -5.19 49.46	-7.60 -5.08 52.94	33.48 -4.74 8.56	56.12 -6.13 0.00
ORANGEVILLE___ESR 323794	55.55 -4.01 0.00	46.77 -3.32 0.00	46.55 -3.31 0.00	45.71 -3.09 0.00	47.30 -3.20 0.00	76.22 -5.02 0.00	71.17 -4.92 0.00	81.67 -6.74 2.37	61.62 -4.60 0.00	66.40 -5.67 1.72	52.51 -4.76 0.00	50.07 -5.19 0.00	62.06 -6.43 0.00	26.37 -6.44 34.44	13.85 -5.82 41.10	8.63 -5.89 44.94	-9.47 -6.72 68.47	11.74 -6.50 54.68	-4.16 -5.93 61.35	-5.66 -5.64 56.92	-3.66 -5.19 49.46	-7.60 -5.08 52.94	33.48 -4.74 8.56	56.12 -6.13 0.00
OSWEGATCHIE___HYD 24044	58.33 -1.23 0.00	49.03 -1.06 0.00	49.05 -0.82 0.00	48.55 -0.25 0.00	50.93 0.42 0.00	82.36 1.11 0.00	78.36 2.27 0.00	93.49 2.71 0.00	67.24 1.02 0.00	74.63 0.84 0.00	58.15 0.88 0.00	55.49 0.22 0.00	68.68 0.19 0.00	66.87 -0.38 0.00	60.81 0.02 0.00	60.00 0.54 0.00	66.54 0.82 0.00	73.48 0.57 0.00	63.52 0.40 0.00	57.09 0.18 0.00	50.90 -0.08 0.00	47.69 -0.44 2.28	45.08 -1.27 0.44	91.63 -2.39 -31.77
OSWEGO___5 23606	57.55 -2.01 0.00	48.39 -1.70 0.00	48.15 -1.72 0.00	47.14 -1.66 0.00	48.82 -1.69 0.00	78.58 -2.67 0.00	73.70 -2.39 0.00	87.99 -2.79 0.00	64.03 -2.19 0.00	71.38 -2.41 0.00	55.25 -2.02 0.00	53.24 -2.03 0.00	65.95 -2.54 0.00	64.74 -2.50 0.00	58.58 -2.20 0.00	57.38 -2.09 0.00	63.54 -2.18 0.00	70.72 -2.19 0.00	61.13 -2.00 0.00	55.03 -1.88 0.00	49.28 -1.71 0.00	48.71 -1.70 0.00	45.18 -1.61 0.00	60.03 -2.22 0.00

OSWEGO___6 23613	57.55 -2.01 0.00	48.39 -1.70 0.00	48.15 -1.72 0.00	47.14 -1.66 0.00	48.82 -1.69 0.00	78.58 -2.67 0.00	73.70 -2.39 0.00	87.99 -2.79 0.00	64.03 -2.19 0.00	71.38 -2.41 0.00	55.25 -2.02 0.00	53.24 -2.03 0.00	65.95 -2.54 0.00	64.74 -2.50 0.00	58.58 -2.20 0.00	57.38 -2.09 0.00	63.54 -2.18 0.00	70.72 -2.19 0.00	61.13 -2.00 0.00	55.03 -1.88 0.00	49.28 -1.71 0.00	48.71 -1.70 0.00	45.18 -1.61 0.00	60.03 -2.22 0.00
OUTOKUMPU-AB___DRP 24206	55.93 -3.63 0.00	47.15 -2.94 0.00	46.76 -3.11 0.00	45.92 -2.87 0.00	47.45 -3.06 0.00	76.05 -5.20 0.00	70.82 -5.27 0.00	79.88 -7.98 2.92	61.00 -5.22 0.00	65.25 -6.43 2.11	52.53 -4.75 0.00	49.95 -5.32 0.00	61.80 -6.69 0.00	50.05 -6.50 10.70	43.67 -5.79 11.32	41.79 -5.55 12.12	33.95 -6.46 25.30	52.30 -5.88 14.74	39.66 -5.47 17.99	35.64 -5.03 16.24	32.88 -4.60 13.50	31.70 -4.45 14.27	40.51 -3.97 2.31	57.15 -5.11 0.00
OXBOW___BTM 323836	55.54 -4.02 0.00	46.82 -3.27 0.00	46.44 -3.42 0.00	45.63 -3.17 0.00	47.09 -3.42 0.00	75.46 -5.79 0.00	70.17 -5.92 0.00	78.63 -9.02 3.12	60.24 -5.98 0.00	64.19 -7.34 2.26	51.92 -5.35 0.00	49.37 -5.89 0.00	61.07 -7.42 0.00	49.53 -7.14 10.57	43.48 -6.28 11.02	41.61 -6.09 11.77	32.86 -7.42 25.44	51.82 -6.78 14.31	39.28 -6.20 17.65	35.41 -5.62 15.88	32.78 -5.08 13.13	31.77 -4.79 13.85	40.13 -4.42 2.24	56.57 -5.69 0.00
OXBOW___ 24026	55.54 -4.02 0.00	46.82 -3.27 0.00	46.44 -3.42 0.00	45.63 -3.17 0.00	47.10 -3.41 0.00	75.46 -5.79 0.00	70.17 -5.92 0.00	78.62 -9.03 3.12	60.24 -5.98 0.00	64.24 -7.29 2.26	51.93 -5.35 0.00	49.35 -5.91 0.00	61.06 -7.43 0.00	49.41 -7.27 10.57	43.29 -6.48 11.02	41.51 -6.19 11.77	33.10 -7.17 25.44	51.82 -6.79 14.31	39.22 -6.25 17.65	35.30 -5.73 15.88	32.70 -5.16 13.13	31.61 -4.95 13.85	40.12 -4.42 2.24	56.59 -5.67 0.00
OXY_CHEM_DSASP 323612	54.92 -4.64 0.00	46.31 -3.78 0.00	45.95 -3.92 0.00	45.15 -3.65 0.00	46.58 -3.93 0.00	74.57 -6.68 0.00	69.21 -6.88 0.00	76.97 -10.48 3.33	59.19 -7.03 0.00	62.89 -8.48 2.41	51.03 -6.24 0.00	48.51 -6.75 0.00	60.04 -8.45 0.00	48.49 -8.32 10.44	42.65 -7.43 10.71	40.95 -7.11 11.40	31.95 -8.18 25.59	50.98 -8.07 13.86	38.49 -7.33 17.30	34.69 -6.71 15.51	32.28 -5.96 12.74	31.31 -5.69 13.42	39.53 -5.08 2.17	55.77 -6.48 0.00
OZONE_PARK_ESR 323760	62.85 3.29 0.00	52.76 2.67 0.00	52.29 2.43 0.00	51.06 2.26 0.00	52.91 2.40 0.00	85.22 3.97 0.00	80.17 4.08 0.00	97.07 6.37 0.07	70.83 4.61 0.00	78.88 5.14 0.05	60.87 3.59 0.00	58.99 3.72 0.00	73.03 4.53 0.00	71.75 4.54 0.05	64.80 4.03 0.01	63.54 4.08 0.00	70.62 5.12 0.22	79.10 6.19 0.00	68.07 4.99 0.04	61.04 4.16 0.03	54.89 3.91 0.01	54.13 3.72 0.00	50.29 3.50 0.00	66.70 4.45 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	54.92 -4.64 0.00	46.31 -3.78 0.00	45.95 -3.92 0.00	45.15 -3.65 0.00	46.58 -3.93 0.00	74.57 -6.68 0.00	69.21 -6.88 0.00	76.97 -10.48 3.33	59.19 -7.03 0.00	62.89 -8.48 2.41	51.03 -6.24 0.00	48.51 -6.75 0.00	60.04 -8.45 0.00	48.49 -8.32 10.44	42.65 -7.43 10.71	40.95 -7.11 11.40	31.95 -8.18 25.59	50.98 -8.07 13.86	38.49 -7.33 17.30	34.69 -6.71 15.51	32.28 -5.96 12.74	31.31 -5.69 13.42	39.53 -5.08 2.17	55.77 -6.48 0.00
PACKARD___115KV_DUPONT_184 80571	54.92 -4.64 0.00	46.31 -3.78 0.00	45.95 -3.92 0.00	45.15 -3.65 0.00	46.58 -3.93 0.00	74.57 -6.68 0.00	69.21 -6.88 0.00	76.97 -10.48 3.33	59.19 -7.03 0.00	62.89 -8.48 2.41	51.03 -6.24 0.00	48.51 -6.75 0.00	60.04 -8.45 0.00	48.49 -8.32 10.44	42.65 -7.43 10.71	40.95 -7.11 11.40	31.95 -8.18 25.59	50.98 -8.07 13.86	38.49 -7.33 17.30	34.69 -6.71 15.51	32.28 -5.96 12.74	31.31 -5.69 13.42	39.53 -5.08 2.17	55.77 -6.48 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	62.32 2.76 0.00	52.35 2.25 0.00	51.90 2.03 0.00	50.67 1.87 0.00	52.49 1.98 0.00	84.62 3.37 0.00	79.60 3.51 0.00	96.23 5.53 0.07	70.21 3.99 0.00	78.14 4.40 0.05	60.29 3.02 0.00	58.42 3.15 0.00	72.33 3.84 0.00	71.06 3.85 0.05	64.18 3.41 0.01	62.89 3.43 0.00	69.87 4.36 0.22	78.25 5.34 0.00	67.35 4.27 0.04	60.49 3.61 0.03	54.40 3.41 0.01	53.63 3.22 0.00	49.85 3.07 0.00	66.20 3.95 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	62.64 3.08 0.00	52.61 2.52 0.00	52.15 2.29 0.00	50.93 2.13 0.00	52.74 2.24 0.00	85.09 3.84 0.00	80.07 3.98 0.00	96.77 6.06 0.07	70.57 4.35 0.00	78.44 4.70 0.05	60.55 3.27 0.00	58.60 3.33 0.00	72.53 4.04 0.00	71.28 4.07 0.05	64.39 3.62 0.01	63.10 3.64 0.00	70.07 4.57 0.22	78.57 5.65 0.00	67.58 4.50 0.04	60.65 3.76 0.03	54.51 3.53 0.01	53.74 3.33 0.00	49.95 3.17 0.00	66.32 4.07 0.00
PATROON___115KV_TB1 80586	61.78 2.22 0.00	51.89 1.80 0.00	51.59 1.72 0.00	50.46 1.66 0.00	52.23 1.72 0.00	84.11 2.86 0.00	78.52 2.43 0.00	94.30 3.53 0.00	68.92 2.70 0.00	76.74 2.96 0.00	59.30 2.03 0.00	57.36 2.09 0.00	71.01 2.52 0.00	69.72 2.46 0.00	63.09 2.31 0.00	61.82 2.36 0.00	68.64 2.92 0.00	76.40 3.49 0.00	65.94 2.82 0.00	59.26 2.35 0.00	53.13 2.15 0.00	52.48 2.08 0.00	48.97 2.19 0.00	65.00 2.74 0.00
PATTRSNVILLE___SOLAR 323815	61.52 1.96 0.00	51.73 1.64 0.00	51.48 1.61 0.00	50.36 1.57 0.00	52.15 1.64 0.00	83.95 2.71 0.00	78.80 2.72 0.00	94.44 3.67 0.00	68.93 2.72 0.00	76.69 2.90 0.00	59.29 2.02 0.00	57.03 1.76 0.00	70.60 2.10 0.00	69.44 2.19 0.00	62.78 2.00 0.00	61.64 2.18 0.00	68.42 2.70 0.00	76.09 3.18 0.00	65.73 2.60 0.00	59.14 2.22 0.00	53.00 2.01 0.00	52.31 1.90 0.00	48.51 1.72 0.00	64.44 2.18 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	56.81 -2.75 0.00	47.78 -2.31 0.00	47.38 -2.49 0.00	46.55 -2.25 0.00	48.19 -2.31 0.00	77.31 -3.94 0.00	71.96 -4.13 0.00	82.04 -5.93 2.81	62.17 -4.05 0.00	66.69 -5.04 2.05	53.53 -3.75 0.00	51.11 -4.15 0.00	63.25 -5.24 0.00	51.14 -4.93 11.18	44.40 -4.42 11.96	42.30 -4.33 12.83	34.53 -5.15 26.04	52.90 -4.41 15.61	40.01 -4.22 18.89	35.81 -4.01 17.09	32.90 -3.81 14.28	31.64 -3.66 15.10	41.00 -3.34 2.44	58.00 -4.25 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	63.03 3.48 0.00	52.90 2.81 0.00	52.46 2.60 0.00	51.23 2.44 0.00	53.12 2.61 0.00	85.62 4.37 0.00	80.49 4.40 0.00	97.27 6.56 0.07	71.01 4.79 0.00	79.06 5.32 0.05	61.01 3.73 0.00	59.05 3.79 0.00	73.12 4.64 0.00	71.82 4.61 0.04	64.90 4.13 0.01	63.62 4.16 0.00	70.69 5.19 0.22	79.24 6.32 0.00	68.26 5.18 0.04	61.21 4.32 0.03	54.95 3.97 0.01	54.16 3.76 0.00	50.26 3.48 0.00	66.63 4.37 0.00
PEEKSKILL___ 23653	61.99 2.43 0.00	52.04 1.95 0.00	51.61 1.74 0.00	50.39 1.60 0.00	52.24 1.74 0.00	84.21 2.97 0.00	79.08 2.99 0.00	95.59 4.88 0.07	69.68 3.47 0.00	77.57 3.83 0.05	59.86 2.58 0.00	57.97 2.71 0.00	71.79 3.30 0.00	70.51 3.30 0.05	63.69 2.92 0.01	62.47 3.01 0.00	69.46 3.96 0.22	77.75 4.84 0.00	66.98 3.90 0.04	60.08 3.20 0.03	53.99 3.00 0.01	53.25 2.84 0.00	49.47 2.68 0.00	65.67 3.42 0.00

PGE MADISON___WINDPWR 24146	62.21 2.65 0.00	52.20 2.11 0.00	52.02 2.15 0.00	50.79 1.99 0.00	52.78 2.28 0.00	85.48 4.23 0.00	81.41 5.32 0.00	103.66 13.18 0.30	74.16 7.94 0.00	81.72 8.15 0.22	63.09 5.82 0.00	60.90 5.63 0.00	75.12 6.63 0.00	73.67 6.61 0.19	67.32 6.57 0.03	66.36 6.90 0.00	72.67 7.87 0.92	77.77 4.86 0.00	67.28 4.33 0.17	60.24 3.44 0.11	53.85 2.88 0.02	52.88 2.47 0.00	48.67 1.88 0.00	64.49 2.24 0.00
PIERCEFIELD___HYD 23852	59.02 -0.54 0.00	49.60 -0.50 0.00	49.58 -0.29 0.00	49.07 0.27 0.00	51.71 1.20 0.00	83.66 2.41 0.00	79.66 3.57 0.00	94.97 4.19 0.00	68.69 2.48 0.00	76.29 2.50 0.00	59.52 2.25 0.00	56.70 1.44 0.00	70.19 1.70 0.00	68.61 1.36 0.00	62.20 1.43 0.00	61.07 1.61 0.00	67.68 1.97 0.00	74.79 1.88 0.00	64.88 1.75 0.00	58.45 1.54 0.00	51.95 0.96 0.00	47.25 0.35 3.51	45.54 -0.57 0.68	107.61 -1.45 -46.80
PINELAWN_CC_1 323563	63.55 3.99 0.00	53.24 3.15 0.00	52.61 2.74 0.00	51.37 2.57 0.00	53.28 2.78 0.00	86.00 4.75 0.00	80.77 4.68 0.00	98.20 7.50 0.07	71.47 5.25 0.00	79.63 5.90 0.05	62.61 4.42 -0.92	59.69 4.42 0.00	73.84 5.35 0.00	72.53 5.32 0.05	65.49 4.71 0.01	64.04 4.58 0.00	71.86 5.79 -0.36	79.68 6.77 0.00	68.62 5.54 0.04	61.57 4.69 0.03	55.36 4.38 0.01	54.77 4.36 0.00	50.74 3.95 0.00	67.23 4.98 0.00
PJM_GEN_HTP_PROXY 323702	62.28 2.72 0.00	52.30 2.22 0.00	51.86 1.99 0.00	50.64 1.84 0.00	52.48 1.97 0.00	84.15 3.29 0.39	79.44 3.35 0.00	98.92 5.40 -2.74	70.14 3.93 0.00	78.14 4.40 0.05	60.29 3.02 0.00	58.43 3.16 0.00	72.33 3.85 0.00	71.05 3.84 0.05	64.16 3.39 0.01	62.93 3.47 0.00	69.96 4.46 0.22	78.30 5.38 0.00	67.40 4.32 0.04	60.42 3.54 0.03	54.33 3.35 0.01	53.60 3.19 0.00	49.81 3.03 0.00	69.34 3.87 -3.22
PJM_GEN_KEystone 24065	58.88 -0.67 0.00	49.47 -0.62 0.00	49.09 -0.78 0.00	7.17 -0.79 40.83	48.86 -0.72 0.92	79.79 -1.07 0.39	71.87 -1.34 2.88	91.45 -1.13 -1.81	65.28 -0.93 0.00	71.77 -1.30 0.73	56.18 -1.09 0.00	54.15 -1.12 0.00	67.09 -1.40 0.00	63.21 -1.18 2.85	56.76 -1.15 2.86	55.28 -1.16 3.03	57.45 -1.14 7.13	68.78 -0.43 3.70	57.76 -0.68 4.69	57.84 -0.85 -1.78	46.38 -0.74 3.87	46.14 -0.74 3.53	45.63 -0.58 0.57	64.73 -0.75 -3.22
PJM_GEN_NEPTUNE_PROXY 323594	62.75 3.19 0.00	52.63 2.55 0.00	52.05 2.18 0.00	50.83 2.04 0.00	52.73 2.22 0.00	84.65 3.79 0.39	79.87 3.78 0.00	99.73 6.22 -2.74	70.53 4.31 0.00	78.54 4.80 0.05	61.03 3.56 -0.20	58.86 3.59 0.00	72.83 4.34 0.00	71.52 4.31 0.05	64.56 3.78 0.01	63.15 3.69 0.00	70.74 4.75 -0.27	78.54 5.63 0.00	67.64 4.55 0.04	60.72 3.84 0.03	54.64 3.66 0.01	54.04 3.63 0.00	50.14 3.36 0.00	69.70 4.22 -3.22
PJM_GEN_VFT_PROXY 323633	61.85 2.29 0.00	51.99 1.90 0.00	51.54 1.68 0.00	50.32 1.53 0.00	52.14 1.64 0.00	83.52 2.66 0.39	78.87 2.78 0.00	98.24 4.73 -2.74	69.61 3.39 0.00	77.52 3.78 0.05	59.80 2.53 0.00	57.99 2.73 0.00	71.77 3.28 0.00	70.51 3.30 0.05	63.66 2.88 0.01	62.44 2.98 0.00	69.46 3.96 0.22	77.74 4.83 0.00	66.94 3.86 0.04	60.01 3.12 0.03	54.01 3.03 0.01	53.27 2.86 0.00	49.53 2.74 0.00	68.99 3.51 -3.22
PLATSBURG_115KV_PMLD1 355749	61.08 1.52 0.00	51.35 1.26 0.00	51.40 1.54 0.00	50.21 1.41 0.00	51.79 1.29 0.00	83.15 1.90 0.00	78.00 1.90 0.00	92.16 1.39 0.00	67.21 0.99 0.00	75.26 1.47 0.00	58.90 1.63 0.00	56.96 1.69 0.00	70.95 2.45 0.00	69.39 2.14 0.00	62.81 2.03 0.00	61.03 1.57 0.00	66.28 0.56 0.00	72.45 -0.46 0.00	63.16 0.04 0.00	57.00 0.09 0.00	50.66 -0.33 0.00	41.40 -0.95 8.06	43.88 -1.33 1.58	-9.98 -2.17 70.06
PLEASANTVLY___LBMP 24000	62.04 2.48 0.00	52.10 2.00 0.00	51.69 1.82 0.00	50.48 1.68 0.00	52.30 1.80 0.00	84.25 3.01 0.00	79.06 2.97 0.00	95.51 4.74 0.01	69.65 3.44 0.00	77.52 3.78 0.05	59.80 2.52 0.00	57.90 2.63 0.00	71.71 3.22 0.00	70.41 3.20 0.04	63.66 2.89 0.01	62.40 2.94 0.00	69.28 3.77 0.21	77.54 4.63 0.00	66.86 3.73 0.00	59.99 3.08 0.00	53.89 2.90 0.00	53.16 2.76 0.00	49.42 2.64 0.00	65.61 3.36 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	62.27 2.71 0.00	52.30 2.20 0.00	51.86 2.00 0.00	50.64 1.84 0.00	52.47 1.97 0.00	84.57 3.33 0.00	79.43 3.34 0.00	96.00 5.29 0.07	70.03 3.82 0.00	77.97 4.23 0.05	60.18 2.91 0.00	58.27 3.01 0.00	72.15 3.66 0.00	70.86 3.66 0.04	64.04 3.27 0.01	62.77 3.31 0.00	69.72 4.22 0.21	78.08 5.17 0.00	67.27 4.19 0.04	60.35 3.47 0.03	54.22 3.24 0.01	53.49 3.08 0.00	49.69 2.91 0.00	65.94 3.69 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	62.27 2.71 0.00	52.30 2.20 0.00	51.86 2.00 0.00	50.64 1.84 0.00	52.47 1.97 0.00	84.57 3.33 0.00	79.43 3.34 0.00	96.00 5.29 0.07	70.03 3.82 0.00	77.97 4.23 0.05	60.18 2.91 0.00	58.27 3.01 0.00	72.15 3.66 0.00	70.86 3.66 0.04	64.04 3.27 0.01	62.77 3.31 0.00	69.72 4.22 0.21	78.08 5.17 0.00	67.27 4.19 0.04	60.35 3.47 0.03	54.22 3.24 0.01	53.49 3.08 0.00	49.69 2.91 0.00	65.94 3.69 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	62.84 3.28 0.00	52.75 2.66 0.00	52.33 2.46 0.00	51.11 2.31 0.00	52.96 2.46 0.00	85.37 4.12 0.00	80.18 4.09 0.00	96.84 6.13 0.07	70.73 4.51 0.00	78.72 4.98 0.05	60.73 3.46 0.00	58.79 3.52 0.00	72.77 4.28 0.00	71.49 4.28 0.04	64.58 3.81 0.01	63.34 3.88 0.00	70.37 4.86 0.21	78.81 5.89 0.00	67.94 4.81 0.00	60.91 4.03 0.03	54.69 3.71 0.00	53.93 3.52 0.00	50.07 3.28 0.00	66.37 4.12 0.00
POLETTI___ 23519	62.05 2.49 0.00	52.12 2.02 0.00	51.68 1.82 0.00	50.45 1.66 0.00	52.28 1.78 0.00	84.17 2.92 0.00	79.09 3.00 0.00	95.68 4.97 0.07	69.81 3.59 0.00	77.76 4.02 0.05	60.01 2.74 0.00	58.17 2.90 0.00	72.01 3.52 0.00	70.74 3.53 0.05	63.89 3.12 0.01	62.65 3.19 0.00	69.62 4.12 0.22	77.95 5.04 0.00	67.10 4.02 0.04	60.17 3.28 0.03	54.12 3.13 0.01	53.40 2.99 0.00	49.65 2.87 0.00	65.93 3.67 0.00
POMONA___ESR 323819	61.85 2.29 0.00	51.89 1.80 0.00	51.47 1.60 0.00	50.25 1.46 0.00	52.10 1.60 0.00	84.01 2.76 0.00	78.90 2.81 0.00	95.35 4.65 0.07	69.48 3.26 0.00	77.33 3.59 0.05	59.68 2.40 0.00	57.79 2.52 0.00	71.57 3.08 0.00	70.31 3.10 0.05	63.49 2.72 0.01	62.30 2.83 0.00	69.28 3.79 0.22	77.58 4.67 0.00	66.83 3.75 0.05	59.94 3.06 0.03	53.86 2.88 0.01	53.10 2.69 0.00	49.34 2.55 0.00	65.52 3.27 0.00
PORT_JEFF_3 23555	63.94 4.38 0.00	53.55 3.46 0.00	52.88 3.02 0.00	51.64 2.84 0.00	53.54 3.04 0.00	86.49 5.24 0.00	81.20 5.12 0.00	98.71 8.01 0.07	71.83 5.61 0.00	80.00 6.25 0.05	62.91 4.62 -1.01	59.89 4.62 0.00	74.19 5.69 0.00	72.83 5.63 0.05	65.76 4.99 0.01	64.25 4.79 0.00	72.08 6.06 -0.30	80.03 7.12 0.00	68.89 5.81 0.04	61.79 4.91 0.03	55.57 4.59 0.01	55.04 4.64 0.00	50.94 4.16 0.00	67.44 5.19 0.00

PORT_JEFF_4 23616	63.94 4.38 0.00	53.55 3.46 0.00	52.88 3.02 0.00	51.64 2.84 0.00	53.54 3.04 0.00	86.49 5.24 0.00	81.20 5.12 0.00	98.71 8.01 0.07	71.83 5.61 0.00	80.00 6.25 0.05	62.91 4.62 -1.01	59.89 4.62 0.00	74.19 5.69 0.00	72.83 5.63 0.05	65.76 4.99 0.01	64.25 4.79 0.00	72.08 6.06 -0.30	80.03 7.12 0.00	68.89 5.81 0.04	61.79 4.91 0.03	55.57 4.59 0.01	55.04 4.64 0.00	50.94 4.16 0.00	67.44 5.19 0.00
PORT_JEFF_IC 23713	64.01 4.45 0.00	53.60 3.51 0.00	52.92 3.06 0.00	51.67 2.87 0.00	53.57 3.07 0.00	86.55 5.30 0.00	81.28 5.19 0.00	98.83 8.13 0.07	71.91 5.69 0.00	80.07 6.33 0.05	62.94 4.66 -1.01	59.92 4.65 0.00	74.25 5.76 0.00	72.93 5.73 0.05	65.85 5.08 0.01	64.34 4.88 0.00	72.14 6.12 -0.31	80.13 7.22 0.00	68.99 5.91 0.04	61.87 4.99 0.03	55.64 4.66 0.01	55.12 4.71 0.00	51.00 4.21 0.00	67.47 5.22 0.00
PPL_PILGRIM_ST_GT1 24216	64.11 4.55 0.00	53.69 3.60 0.00	53.02 3.16 0.00	51.77 2.97 0.00	53.68 3.18 0.00	86.73 5.48 0.00	81.32 5.23 0.00	98.75 8.05 0.07	72.02 5.80 0.00	80.31 6.57 0.05	63.19 4.92 -1.00	60.19 4.92 0.00	74.52 6.03 0.00	73.14 5.93 0.05	66.06 5.29 0.01	64.55 5.09 0.00	72.27 6.24 -0.31	80.06 7.14 0.00	69.01 5.93 0.04	62.03 5.14 0.03	55.77 4.79 0.01	55.21 4.80 0.00	51.11 4.32 0.00	67.71 5.46 0.00
PPL_PILGRIM_ST_GT2 24217	64.11 4.55 0.00	53.69 3.60 0.00	53.02 3.16 0.00	51.77 2.97 0.00	53.68 3.18 0.00	86.73 5.48 0.00	81.32 5.23 0.00	98.75 8.05 0.07	72.02 5.80 0.00	80.31 6.57 0.05	63.19 4.92 -1.00	60.19 4.92 0.00	74.52 6.03 0.00	73.14 5.93 0.05	66.06 5.29 0.01	64.55 5.09 0.00	72.27 6.24 -0.31	80.06 7.14 0.00	69.01 5.93 0.04	62.03 5.14 0.03	55.77 4.79 0.01	55.21 4.80 0.00	51.11 4.32 0.00	67.71 5.46 0.00
PPL_SHRM_GT3 24213	64.36 4.80 0.00	53.93 3.84 0.00	53.25 3.38 0.00	51.98 3.19 0.00	53.89 3.39 0.00	87.09 5.85 0.00	81.78 5.69 0.00	99.43 8.72 0.07	72.26 6.04 0.00	80.39 6.65 0.05	62.65 4.36 -1.01	59.54 4.27 0.00	74.13 5.63 0.00	73.05 5.85 0.05	65.83 5.06 0.01	64.40 4.94 0.00	72.36 6.34 -0.30	80.34 7.42 0.00	69.13 6.05 0.04	61.96 5.08 0.03	55.68 4.70 0.01	55.14 4.73 0.00	50.97 4.19 0.00	67.38 5.12 0.00
PPL_SHRM_GT4 24214	64.36 4.80 0.00	53.93 3.84 0.00	53.25 3.38 0.00	51.98 3.19 0.00	53.89 3.39 0.00	87.09 5.85 0.00	81.78 5.69 0.00	99.43 8.72 0.07	72.26 6.04 0.00	80.39 6.65 0.05	62.65 4.36 -1.01	59.54 4.27 0.00	74.13 5.63 0.00	73.05 5.85 0.05	65.83 5.06 0.01	64.40 4.94 0.00	72.36 6.34 -0.30	80.34 7.42 0.00	69.13 6.05 0.04	61.96 5.08 0.03	55.68 4.70 0.01	55.14 4.73 0.00	50.97 4.19 0.00	67.38 5.12 0.00
PROJECT___ORANGE 1 24174	58.15 -1.41 0.00	48.88 -1.21 0.00	48.63 -1.24 0.00	47.61 -1.19 0.00	49.33 -1.17 0.00	79.45 -1.79 0.00	74.57 -1.52 0.00	89.18 -1.59 0.00	65.33 -0.89 0.00	72.46 -1.34 0.00	56.05 -1.23 0.00	53.97 -1.30 0.00	66.84 -1.65 0.00	65.60 -1.65 0.00	59.37 -1.41 0.00	58.19 -1.27 0.00	64.49 -1.23 0.00	71.87 -1.05 0.00	62.09 -1.03 0.00	55.84 -1.07 0.00	49.99 -0.99 0.00	49.43 -0.98 0.00	45.84 -0.95 0.00	60.90 -1.35 0.00
PROJECT___ORANGE 2 24166	58.15 -1.41 0.00	48.88 -1.21 0.00	48.63 -1.24 0.00	47.61 -1.19 0.00	49.33 -1.17 0.00	79.45 -1.79 0.00	74.57 -1.52 0.00	89.18 -1.59 0.00	65.33 -0.89 0.00	72.46 -1.34 0.00	56.05 -1.23 0.00	53.97 -1.30 0.00	66.84 -1.65 0.00	65.60 -1.65 0.00	59.37 -1.41 0.00	58.19 -1.27 0.00	64.49 -1.23 0.00	71.87 -1.05 0.00	62.09 -1.03 0.00	55.84 -1.07 0.00	49.99 -0.99 0.00	49.43 -0.98 0.00	45.84 -0.95 0.00	60.90 -1.35 0.00
PUCKETT___SOLAR 323809	59.52 -0.04 0.00	50.01 -0.08 0.00	49.84 -0.03 0.00	48.75 -0.05 0.00	50.63 0.12 0.00	81.69 0.44 0.00	76.63 0.54 0.00	92.46 2.09 0.41	67.60 1.39 0.00	74.78 1.29 0.30	57.97 0.69 0.00	55.93 0.67 0.00	69.23 0.74 0.00	68.97 0.68 -1.04	63.04 0.69 -1.57	61.79 0.73 -1.59	66.59 1.03 0.15	75.49 0.91 -1.67	65.97 0.69 -2.15	59.38 0.37 -2.09	53.22 0.27 -1.96	52.65 0.10 -2.14	47.09 -0.05 -0.35	62.16 -0.09 0.00
PYRITES___HYD 24023	60.66 1.10 0.00	50.94 0.84 0.00	50.91 1.04 0.00	50.38 1.59 0.00	53.13 2.63 0.00	86.07 4.83 0.00	82.23 6.14 0.00	98.17 7.39 0.00	71.02 4.80 0.00	78.71 4.92 0.00	61.31 4.04 0.00	58.14 2.88 0.00	71.86 3.37 0.00	70.53 3.28 0.00	63.78 3.00 0.00	62.60 3.13 0.00	69.82 4.10 0.00	77.36 4.44 0.00	67.18 4.06 0.00	60.51 3.61 0.00	53.73 2.74 0.00	48.89 1.99 3.51	46.92 0.80 0.68	109.30 0.24 -46.80
QUAKERRD_115KV_BK1 80622	56.29 -3.27 0.00	47.37 -2.72 0.00	47.07 -2.80 0.00	46.15 -2.65 0.00	47.74 -2.77 0.00	76.84 -4.41 0.00	72.01 -4.08 0.00	85.64 -5.37 -0.24	62.58 -3.64 0.00	69.37 -4.59 -0.18	53.73 -3.55 0.00	51.45 -3.81 0.00	63.71 -4.78 0.00	62.65 -4.75 -0.15	56.60 -4.20 -0.02	55.45 -4.01 0.00	62.08 -4.37 -0.73	68.80 -4.11 0.00	59.48 -3.80 -0.15	53.42 -3.58 -0.10	47.65 -3.36 -0.02	47.07 -3.34 0.00	43.81 -2.97 0.00	58.29 -3.97 0.00
QUENSBRY_115KV_TB8 356137	61.94 2.38 0.00	51.95 1.86 0.00	51.68 1.82 0.00	50.48 1.69 0.00	52.25 1.74 0.00	84.71 3.46 0.00	80.29 4.20 0.00	97.18 6.40 0.00	71.10 4.88 0.00	79.05 5.26 0.00	60.78 3.51 0.00	58.81 3.54 0.00	72.82 4.33 0.00	71.07 3.81 0.00	64.51 3.74 0.00	62.93 3.47 0.00	70.18 4.46 0.00	78.10 5.19 0.00	67.41 4.28 0.00	60.59 3.68 0.00	54.25 3.26 0.00	53.26 2.86 0.00	49.25 2.46 0.00	65.23 2.98 0.00
RAMAPO___LBMP 323565	61.68 2.12 0.00	51.76 1.66 0.00	51.34 1.47 0.00	50.12 1.32 0.00	51.97 1.46 0.00	83.82 2.58 0.00	78.67 2.58 0.00	95.08 4.38 0.07	69.25 3.03 0.00	77.08 3.34 0.05	59.47 2.20 0.00	57.60 2.33 0.00	71.33 2.84 0.00	70.09 2.89 0.05	63.31 2.54 0.01	62.08 2.62 0.00	69.04 3.54 0.23	77.31 4.40 0.00	66.61 3.53 0.05	59.77 2.89 0.03	53.70 2.72 0.01	52.95 2.54 0.00	49.19 2.41 0.00	65.33 3.08 0.00
RANKINE____ 23646	56.22 -3.34 0.00	47.34 -2.75 0.00	46.99 -2.88 0.00	46.16 -2.64 0.00	47.72 -2.78 0.00	76.54 -4.70 0.00	71.32 -4.77 0.00	80.87 -6.99 2.91	61.53 -4.69 0.00	65.83 -5.84 2.13	52.92 -4.35 0.00	50.39 -4.87 0.00	62.37 -6.12 0.00	48.57 -6.02 12.66	41.64 -5.41 13.73	39.41 -5.28 14.77	30.65 -6.09 28.98	49.48 -5.47 17.96	36.39 -5.20 21.53	32.49 -4.87 19.55	30.00 -4.59 16.41	28.61 -4.42 17.39	40.02 -3.95 2.81	57.23 -5.03 0.00
RAVENSWOOD_GT2_1 24244	62.28 2.72 0.00	52.30 2.20 0.00	51.85 1.99 0.00	50.63 1.83 0.00	52.46 1.95 0.00	84.49 3.24 0.00	79.43 3.34 0.00	96.08 5.38 0.07	70.10 3.88 0.00	78.08 4.34 0.05	60.24 2.96 0.00	58.38 3.11 0.00	72.28 3.79 0.00	71.01 3.80 0.05	64.13 3.36 0.01	62.88 3.42 0.00	69.88 4.38 0.22	78.25 5.33 0.00	67.36 4.28 0.04	60.41 3.53 0.03	54.32 3.34 0.01	53.59 3.18 0.00	49.80 3.01 0.00	66.11 3.85 0.00



RAVENSWOOD_GT2_2 24245	62.28 2.72 0.00	52.30 2.20 0.00	51.85 1.99 0.00	50.63 1.83 0.00	52.46 1.95 0.00	84.49 3.24 0.00	79.43 3.34 0.00	96.08 5.38 0.07	70.10 3.88 0.00	78.08 4.34 0.05	60.24 2.96 0.00	58.38 3.11 0.00	72.28 3.79 0.00	71.01 3.80 0.05	64.13 3.36 0.01	62.88 3.42 0.00	69.88 4.38 0.22	78.25 5.33 0.00	67.36 4.28 0.04	60.41 3.53 0.03	54.32 3.34 0.01	53.59 3.18 0.00	49.80 3.01 0.00	66.11 3.85 0.00
RAVENSWOOD_GT2_3 24246	62.30 2.74 0.00	52.31 2.22 0.00	51.87 2.00 0.00	50.64 1.85 0.00	52.48 1.98 0.00	84.53 3.29 0.00	79.45 3.37 0.00	96.12 5.41 0.07	70.13 3.91 0.00	78.12 4.38 0.05	60.29 3.02 0.00	58.42 3.16 0.00	72.32 3.83 0.00	71.05 3.85 0.05	64.17 3.40 0.01	62.92 3.46 0.00	69.90 4.40 0.22	78.30 5.38 0.00	67.38 4.30 0.04	60.43 3.55 0.03	54.36 3.38 0.01	53.61 3.20 0.00	49.82 3.03 0.00	66.12 3.87 0.00
RAVENSWOOD_GT2_4 24247	62.30 2.74 0.00	52.31 2.22 0.00	51.87 2.00 0.00	50.64 1.85 0.00	52.48 1.98 0.00	84.53 3.29 0.00	79.45 3.37 0.00	96.12 5.41 0.07	70.13 3.91 0.00	78.12 4.38 0.05	60.29 3.02 0.00	58.42 3.16 0.00	72.32 3.83 0.00	71.05 3.85 0.05	64.17 3.40 0.01	62.92 3.46 0.00	69.90 4.40 0.22	78.30 5.38 0.00	67.38 4.30 0.04	60.43 3.55 0.03	54.36 3.38 0.01	53.61 3.20 0.00	49.82 3.03 0.00	66.12 3.87 0.00
RAVENSWOOD_GT3_1 24248	62.28 2.72 0.00	52.30 2.20 0.00	51.85 1.99 0.00	50.63 1.83 0.00	52.46 1.95 0.00	84.49 3.24 0.00	79.43 3.34 0.00	96.08 5.38 0.07	70.10 3.88 0.00	78.08 4.34 0.05	60.24 2.96 0.00	58.38 3.11 0.00	72.28 3.79 0.00	71.01 3.80 0.05	64.13 3.36 0.01	62.88 3.42 0.00	69.88 4.38 0.22	78.25 5.33 0.00	67.36 4.28 0.04	60.41 3.53 0.03	54.33 3.34 0.01	53.59 3.18 0.00	49.80 3.01 0.00	66.11 3.85 0.00
RAVENSWOOD_GT3_2 24249	62.28 2.72 0.00	52.30 2.20 0.00	51.85 1.99 0.00	50.63 1.83 0.00	52.46 1.95 0.00	84.49 3.24 0.00	79.43 3.34 0.00	96.08 5.38 0.07	70.10 3.88 0.00	78.08 4.34 0.05	60.24 2.96 0.00	58.38 3.11 0.00	72.28 3.79 0.00	71.01 3.80 0.05	64.13 3.36 0.01	62.88 3.42 0.00	69.88 4.38 0.22	78.25 5.33 0.00	67.36 4.28 0.04	60.41 3.53 0.03	54.33 3.34 0.01	53.59 3.18 0.00	49.80 3.01 0.00	66.11 3.85 0.00
RAVENSWOOD_GT3_3 24250	62.36 2.80 0.00	52.36 2.27 0.00	51.92 2.05 0.00	50.69 1.89 0.00	52.53 2.02 0.00	84.61 3.37 0.00	79.54 3.45 0.00	96.22 5.51 0.07	70.22 4.00 0.00	78.20 4.46 0.05	60.35 3.08 0.00	58.48 3.22 0.00	72.41 3.92 0.00	71.13 3.92 0.05	64.25 3.48 0.01	62.99 3.53 0.00	69.99 4.49 0.22	78.37 5.46 0.00	67.48 4.39 0.04	60.51 3.63 0.03	54.41 3.43 0.01	53.66 3.26 0.00	49.87 3.08 0.00	66.18 3.93 0.00
RAVENSWOOD_GT3_4 24251	62.36 2.80 0.00	52.36 2.27 0.00	51.92 2.05 0.00	50.69 1.89 0.00	52.53 2.02 0.00	84.61 3.37 0.00	79.54 3.45 0.00	96.22 5.51 0.07	70.22 4.00 0.00	78.20 4.46 0.05	60.35 3.08 0.00	58.48 3.22 0.00	72.41 3.92 0.00	71.13 3.92 0.05	64.25 3.48 0.01	62.99 3.53 0.00	69.99 4.49 0.22	78.37 5.46 0.00	67.48 4.39 0.04	60.51 3.63 0.03	54.41 3.43 0.01	53.66 3.26 0.00	49.87 3.08 0.00	66.18 3.93 0.00
RAVENSWOOD_GT_1 23729	62.38 2.82 0.00	52.41 2.32 0.00	51.96 2.09 0.00	50.74 1.94 0.00	52.55 2.05 0.00	84.61 3.36 0.00	79.60 3.51 0.00	96.29 5.58 0.07	70.27 4.05 0.00	78.25 4.52 0.05	60.35 3.08 0.00	58.50 3.24 0.00	72.43 3.94 0.00	71.15 3.95 0.05	64.28 3.50 0.01	62.99 3.53 0.00	69.99 4.49 0.22	78.36 5.45 0.00	67.45 4.37 0.04	60.51 3.63 0.03	54.46 3.48 0.01	53.70 3.29 0.00	49.91 3.12 0.00	66.26 4.01 0.00
RAVENSWOOD_GT_10 24258	62.28 2.72 0.00	52.30 2.20 0.00	51.85 1.99 0.00	50.63 1.83 0.00	52.46 1.95 0.00	84.49 3.24 0.00	79.43 3.34 0.00	96.08 5.38 0.07	70.10 3.88 0.00	78.08 4.34 0.05	60.24 2.96 0.00	58.38 3.11 0.00	72.28 3.79 0.00	71.01 3.80 0.05	64.13 3.36 0.01	62.88 3.42 0.00	69.88 4.38 0.22	78.25 5.33 0.00	67.36 4.28 0.04	60.41 3.53 0.03	54.32 3.34 0.01	53.59 3.18 0.00	49.79 3.01 0.00	66.11 3.85 0.00
RAVENSWOOD_GT_11 24259	62.28 2.72 0.00	52.30 2.20 0.00	51.85 1.99 0.00	50.63 1.83 0.00	52.46 1.95 0.00	84.49 3.24 0.00	79.43 3.34 0.00	96.08 5.38 0.07	70.10 3.88 0.00	78.08 4.34 0.05	60.24 2.96 0.00	58.38 3.11 0.00	72.28 3.79 0.00	71.01 3.80 0.05	64.13 3.36 0.01	62.88 3.42 0.00	69.88 4.38 0.22	78.25 5.33 0.00	67.36 4.28 0.04	60.41 3.53 0.03	54.32 3.34 0.01	53.59 3.18 0.00	49.79 3.01 0.00	66.11 3.85 0.00
RAVENSWOOD_GT_4 24252	62.28 2.72 0.00	52.30 2.20 0.00	51.85 1.99 0.00	50.63 1.83 0.00	52.47 1.96 0.00	84.52 3.28 0.00	79.43 3.34 0.00	96.09 5.38 0.07	70.11 3.89 0.00	78.09 4.35 0.05	60.24 2.97 0.00	58.39 3.12 0.00	72.29 3.80 0.00	71.01 3.80 0.05	64.14 3.37 0.01	62.89 3.43 0.00	69.90 4.39 0.22	78.25 5.33 0.00	67.36 4.28 0.04	60.40 3.52 0.03	54.33 3.34 0.01	53.59 3.18 0.00	49.80 3.01 0.00	66.11 3.85 0.00
RAVENSWOOD_GT_5 24254	62.28 2.72 0.00	52.30 2.20 0.00	51.85 1.99 0.00	50.63 1.83 0.00	52.47 1.96 0.00	84.52 3.28 0.00	79.43 3.34 0.00	96.09 5.38 0.07	70.11 3.89 0.00	78.09 4.35 0.05	60.24 2.97 0.00	58.39 3.12 0.00	72.29 3.80 0.00	71.01 3.80 0.05	64.14 3.37 0.01	62.89 3.43 0.00	69.90 4.39 0.22	78.25 5.33 0.00	67.36 4.28 0.04	60.40 3.52 0.03	54.33 3.34 0.01	53.59 3.18 0.00	49.80 3.01 0.00	66.11 3.85 0.00
RAVENSWOOD_GT_6 24253	62.28 2.72 0.00	52.30 2.20 0.00	51.85 1.99 0.00	50.63 1.83 0.00	52.47 1.96 0.00	84.52 3.28 0.00	79.43 3.34 0.00	96.09 5.38 0.07	70.11 3.89 0.00	78.09 4.35 0.05	60.24 2.97 0.00	58.39 3.12 0.00	72.29 3.80 0.00	71.01 3.80 0.05	64.14 3.37 0.01	62.89 3.43 0.00	69.90 4.39 0.22	78.25 5.33 0.00	67.36 4.28 0.04	60.40 3.52 0.03	54.33 3.34 0.01	53.59 3.18 0.00	49.80 3.01 0.00	66.11 3.85 0.00
RAVENSWOOD_GT_7 24255	62.28 2.72 0.00	52.30 2.20 0.00	51.85 1.99 0.00	50.63 1.83 0.00	52.47 1.96 0.00	84.52 3.28 0.00	79.43 3.34 0.00	96.09 5.38 0.07	70.11 3.89 0.00	78.09 4.35 0.05	60.24 2.97 0.00	58.39 3.12 0.00	72.29 3.80 0.00	71.01 3.80 0.05	64.14 3.37 0.01	62.89 3.43 0.00	69.90 4.39 0.22	78.25 5.33 0.00	67.36 4.28 0.04	60.40 3.52 0.03	54.33 3.34 0.01	53.59 3.18 0.00	49.80 3.01 0.00	66.11 3.85 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	62.28 2.72 0.00	52.30 2.20 0.00	51.85 1.99 0.00	50.63 1.83 0.00	52.46 1.95 0.00	84.49 3.24 0.00	79.43 3.34 0.00	96.08 5.38 0.07	70.10 3.88 0.00	78.08 4.34 0.05	60.24 2.96 0.00	58.38 3.11 0.00	72.28 3.79 0.00	71.01 3.80 0.05	64.13 3.36 0.01	62.88 3.42 0.00	69.88 4.38 0.22	78.25 5.33 0.00	67.36 4.28 0.04	60.41 3.53 0.03	54.32 3.34 0.01	53.59 3.18 0.00	49.79 3.01 0.00	66.11 3.85 0.00

RAVENSWOOD_GT_9 24257	62.28 2.72 0.00	52.30 2.20 0.00	51.85 1.99 0.00	50.63 1.83 0.00	52.46 1.95 0.00	84.49 3.24 0.00	79.43 3.34 0.00	96.08 5.38 0.07	70.10 3.88 0.00	78.08 4.34 0.05	60.24 2.96 0.00	58.38 3.11 0.00	72.28 3.79 0.00	71.01 3.80 0.05	64.13 3.36 0.01	62.88 3.42 0.00	69.88 4.38 0.22	78.25 5.33 0.00	67.36 4.28 0.04	60.41 3.53 0.03	54.32 3.34 0.01	53.59 3.18 0.00	49.79 3.01 0.00	66.11 3.85 0.00
RAVENSWOOD___1 23533	62.29 2.73 0.00	52.32 2.23 0.00	51.88 2.01 0.00	50.64 1.84 0.00	52.47 1.96 0.00	84.50 3.25 0.00	79.47 3.38 0.00	96.12 5.41 0.07	70.14 3.93 0.00	78.13 4.40 0.05	60.27 2.99 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.03 3.83 0.05	64.15 3.38 0.01	62.90 3.44 0.00	69.94 4.44 0.22	78.27 5.36 0.00	67.38 4.30 0.04	60.43 3.55 0.03	54.35 3.37 0.01	53.60 3.19 0.00	49.82 3.03 0.00	66.17 3.91 0.00
RAVENSWOOD___2 23534	62.29 2.73 0.00	52.32 2.23 0.00	51.88 2.01 0.00	50.64 1.84 0.00	52.47 1.96 0.00	84.50 3.25 0.00	79.47 3.38 0.00	96.12 5.41 0.07	70.14 3.93 0.00	78.13 4.40 0.05	60.27 2.99 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.03 3.83 0.05	64.15 3.38 0.01	62.90 3.44 0.00	69.94 4.44 0.22	78.27 5.36 0.00	67.38 4.30 0.04	60.43 3.55 0.03	54.35 3.37 0.01	53.60 3.19 0.00	49.82 3.03 0.00	66.17 3.91 0.00
RAVENSWOOD___3 23535	62.28 2.72 0.00	52.29 2.20 0.00	51.85 1.99 0.00	50.63 1.83 0.00	52.46 1.96 0.00	84.49 3.24 0.00	79.43 3.34 0.00	96.06 5.36 0.07	70.11 3.89 0.00	78.09 4.35 0.05	60.25 2.97 0.00	58.39 3.13 0.00	72.29 3.79 0.00	70.98 3.78 0.05	64.13 3.36 0.01	62.89 3.43 0.00	69.92 4.42 0.22	78.25 5.33 0.00	67.36 4.28 0.04	60.41 3.53 0.03	54.32 3.34 0.01	53.59 3.18 0.00	49.80 3.02 0.00	66.11 3.86 0.00
RAVENSWOOD___4 23820	62.29 2.73 0.00	52.32 2.23 0.00	51.88 2.01 0.00	50.64 1.84 0.00	52.47 1.96 0.00	84.50 3.25 0.00	79.47 3.38 0.00	96.12 5.41 0.07	70.14 3.93 0.00	78.13 4.40 0.05	60.27 2.99 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.03 3.83 0.05	64.15 3.38 0.01	62.90 3.44 0.00	69.94 4.44 0.22	78.27 5.36 0.00	67.38 4.30 0.04	60.43 3.55 0.03	54.35 3.37 0.01	53.60 3.19 0.00	49.82 3.03 0.00	66.17 3.91 0.00
RCPI_TRUST___DRP 24196	62.34 2.78 0.00	52.34 2.25 0.00	51.90 2.04 0.00	50.68 1.88 0.00	52.51 2.01 0.00	84.58 3.34 0.00	79.51 3.43 0.00	96.22 5.51 0.07	70.22 4.00 0.00	78.22 4.48 0.05	60.35 3.08 0.00	58.49 3.22 0.00	72.42 3.93 0.00	71.14 3.94 0.05	64.26 3.48 0.01	63.00 3.54 0.00	70.02 4.51 0.22	78.39 5.48 0.00	67.48 4.40 0.04	60.50 3.62 0.03	54.40 3.41 0.01	53.66 3.25 0.00	49.86 3.07 0.00	66.17 3.92 0.00
RED___ROCHESTER 323720	57.59 -1.97 0.00	48.42 -1.67 0.00	48.10 -1.77 0.00	47.16 -1.63 0.00	48.78 -1.72 0.00	78.48 -2.77 0.00	73.52 -2.57 0.00	87.29 -3.68 -0.19	63.83 -2.39 0.00	70.71 -3.23 -0.14	54.84 -2.43 0.00	52.45 -2.82 0.00	64.93 -3.56 0.00	63.88 -3.50 -0.12	57.78 -3.02 -0.02	56.58 -2.88 0.00	62.98 -3.34 -0.60	70.32 -2.60 0.00	60.76 -2.49 -0.13	54.58 -2.40 -0.08	48.69 -2.32 -0.02	48.12 -2.28 0.00	44.73 -2.05 0.00	59.47 -2.79 0.00
REGAN___SOLAR 323812	63.00 3.44 0.00	52.97 2.88 0.00	52.76 2.89 0.00	51.63 2.83 0.00	53.49 2.98 0.00	86.20 4.95 0.00	81.19 5.10 0.00	97.21 6.44 0.00	70.87 4.65 0.00	78.70 4.91 0.00	60.82 3.55 0.00	57.69 2.42 0.00	71.62 3.13 0.00	70.89 3.64 0.00	63.55 2.77 0.00	63.23 3.77 0.00	70.31 4.59 0.00	78.27 5.35 0.00	67.58 4.46 0.00	60.80 3.89 0.00	54.39 3.40 0.00	53.67 3.26 0.00	49.60 2.81 0.00	65.76 3.51 0.00
RENSSELAER___COGEN 23796	61.48 1.92 0.00	51.65 1.56 0.00	51.36 1.50 0.00	50.22 1.43 0.00	51.98 1.48 0.00	83.70 2.46 0.00	78.09 2.00 0.00	93.79 3.02 0.00	68.53 2.31 0.00	76.30 2.51 0.00	58.94 1.67 0.00	57.02 1.76 0.00	70.59 2.10 0.00	69.29 2.04 0.00	62.71 1.93 0.00	61.46 2.00 0.00	68.24 2.52 0.00	75.91 3.00 0.00	65.51 2.39 0.00	58.89 1.98 0.00	52.82 1.84 0.00	52.19 1.78 0.00	48.73 1.94 0.00	64.72 2.46 0.00
REPUBLIC_115KV_BARTNBRK 55605	64.45 4.90 0.00	53.95 3.86 0.00	53.67 3.81 0.00	52.38 3.59 0.00	54.18 3.68 0.00	88.22 6.97 0.00	83.98 7.89 0.00	101.59 10.81 0.00	74.34 8.12 0.00	82.45 8.66 0.00	62.85 5.58 0.00	60.88 5.61 0.00	75.71 7.22 0.00	74.08 6.83 0.00	67.59 6.81 0.00	65.46 6.00 0.00	73.08 7.36 0.00	81.26 8.35 0.00	70.16 7.03 0.00	63.09 6.17 0.00	56.48 5.49 0.00	55.26 4.85 0.00	51.03 4.24 0.00	67.60 5.34 0.00
REVERE_CPFR_DRP 24186	60.96 1.40 0.00	51.25 1.16 0.00	51.05 1.19 0.00	50.07 1.28 0.00	52.05 1.54 0.00	83.97 2.73 0.00	79.16 3.07 0.00	94.81 4.04 0.00	69.11 2.90 0.00	76.80 3.01 0.00	59.54 2.27 0.00	57.11 1.85 0.00	70.65 2.16 0.00	69.17 1.91 0.00	62.87 2.09 0.00	61.85 2.38 0.00	68.46 2.74 0.00	75.93 3.01 0.00	65.60 2.48 0.00	58.98 2.07 0.00	52.75 1.76 0.00	52.05 1.65 0.00	48.00 1.22 0.00	67.52 1.26 -4.01
REYNOLDS_115KV_TB3 80639	61.78 2.22 0.00	51.89 1.80 0.00	51.59 1.72 0.00	50.44 1.65 0.00	52.20 1.69 0.00	84.12 2.88 0.00	78.64 2.54 0.00	94.46 3.68 0.00	69.04 2.82 0.00	76.83 3.04 0.00	59.36 2.09 0.00	57.43 2.16 0.00	71.10 2.61 0.00	69.79 2.54 0.00	63.17 2.39 0.00	61.91 2.45 0.00	68.72 3.00 0.00	76.50 3.58 0.00	66.02 2.89 0.00	59.34 2.43 0.00	53.24 2.26 0.00	52.56 2.15 0.00	48.98 2.20 0.00	65.06 2.80 0.00
RIVERBAY____ 323610	62.64 3.08 0.00	52.61 2.52 0.00	52.15 2.29 0.00	50.93 2.13 0.00	52.74 2.24 0.00	85.09 3.84 0.00	80.07 3.98 0.00	96.77 6.06 0.07	70.57 4.35 0.00	78.44 4.70 0.05	60.55 3.27 0.00	58.60 3.33 0.00	72.53 4.04 0.00	71.28 4.07 0.05	64.39 3.62 0.01	63.10 3.64 0.00	70.07 4.57 0.22	78.57 5.65 0.00	67.58 4.50 0.04	60.65 3.76 0.03	54.51 3.53 0.01	53.74 3.33 0.00	49.95 3.17 0.00	66.32 4.07 0.00
RIVERSDE_115KV_TB3 55908	61.71 2.16 0.00	51.84 1.74 0.00	51.54 1.67 0.00	50.39 1.60 0.00	52.16 1.66 0.00	84.03 2.79 0.00	78.44 2.35 0.00	94.22 3.44 0.00	68.86 2.64 0.00	76.68 2.89 0.00	59.23 1.96 0.00	57.30 2.04 0.00	70.95 2.45 0.00	69.64 2.39 0.00	63.03 2.25 0.00	61.77 2.31 0.00	68.57 2.85 0.00	76.30 3.39 0.00	65.88 2.75 0.00	59.21 2.30 0.00	53.12 2.13 0.00	52.44 2.03 0.00	48.93 2.14 0.00	64.98 2.73 0.00
ROARING___BROOK_WT_PWR 323790	58.49 -1.07 0.00	49.37 -0.73 0.00	49.32 -0.54 0.00	48.39 -0.41 0.00	50.18 -0.33 0.00	80.59 -0.66 0.00	75.51 -0.58 0.00	89.78 -0.99 0.00	65.26 -0.96 0.00	73.03 -0.76 0.00	56.66 -0.61 0.00	54.46 -0.81 0.00	67.49 -1.00 0.00	66.31 -0.94 0.00	60.10 -0.68 0.00	58.69 -0.77 0.00	64.35 -1.37 0.00	70.89 -2.03 0.00	61.34 -1.78 0.00	55.31 -1.60 0.00	49.54 -1.45 0.00	35.00 -1.47 13.94	42.73 -1.35 2.71	58.40 -1.81 2.04

ROCHESRG_115KV_T4 355643	56.96 -2.60 0.00	47.92 -2.17 0.00	47.60 -2.27 0.00	46.69 -2.11 0.00	48.28 -2.23 0.00	77.63 -3.62 0.00	72.64 -3.45 0.00	86.24 -4.81 -0.28	63.01 -3.21 0.00	69.88 -4.11 -0.20	54.18 -3.10 0.00	51.81 -3.46 0.00	64.15 -4.34 0.00	61.57 -4.36 1.32	55.11 -3.85 1.83	53.74 -3.68 2.04	59.74 -4.04 1.93	66.82 -3.62 2.47	57.20 -3.40 2.52	51.26 -3.24 2.42	45.73 -3.05 2.20	45.02 -3.00 2.39	43.80 -2.60 0.39	58.82 -3.44 0.00
ROCHESTER_9_IC 23652	57.29 -2.27 0.00	48.18 -1.91 0.00	47.85 -2.01 0.00	46.94 -1.85 0.00	48.54 -1.96 0.00	78.07 -3.18 0.00	73.13 -2.96 0.00	86.77 -4.20 -0.19	63.45 -2.77 0.00	70.31 -3.63 -0.14	54.54 -2.74 0.00	52.15 -3.12 0.00	64.56 -3.93 0.00	63.44 -3.93 -0.12	57.35 -3.45 -0.02	56.17 -3.29 0.00	62.72 -3.60 -0.60	69.83 -3.08 0.00	60.31 -2.94 -0.13	54.15 -2.84 -0.08	48.30 -2.70 -0.02	47.73 -2.67 0.00	44.47 -2.31 0.00	59.18 -3.08 0.00
ROCKVIEW_13_KV_LD 356306	62.47 2.91 0.00	52.44 2.35 0.00	51.99 2.12 0.00	50.74 1.95 0.00	52.60 2.10 0.00	84.77 3.53 0.00	79.67 3.58 0.00	96.35 5.64 0.07	70.28 4.06 0.00	78.25 4.51 0.05	60.40 3.12 0.00	58.49 3.22 0.00	72.42 3.93 0.00	71.14 3.93 0.05	64.28 3.51 0.01	63.01 3.55 0.00	70.02 4.52 0.22	78.41 5.50 0.00	67.54 4.46 0.04	60.58 3.70 0.03	54.45 3.47 0.01	53.70 3.29 0.00	49.87 3.09 0.00	66.17 3.92 0.00
ROME____115KV_TB2 80656	60.96 1.40 0.00	51.25 1.16 0.00	51.05 1.19 0.00	50.07 1.28 0.00	52.05 1.54 0.00	83.97 2.73 0.00	79.16 3.07 0.00	94.81 4.04 0.00	69.11 2.90 0.00	76.80 3.01 0.00	59.54 2.27 0.00	57.11 1.85 0.00	70.65 2.16 0.00	69.17 1.91 0.00	62.87 2.09 0.00	61.85 2.38 0.00	68.46 2.74 0.00	75.93 3.01 0.00	65.60 2.48 0.00	58.98 2.07 0.00	52.75 1.76 0.00	52.05 1.65 0.00	48.00 1.22 0.00	67.52 1.26 -4.01
ROSETON___1 23587	61.89 2.33 0.00	51.96 1.87 0.00	51.56 1.70 0.00	50.34 1.55 0.00	52.17 1.67 0.00	84.09 2.84 0.00	78.91 2.82 0.00	95.28 4.57 0.07	69.50 3.29 0.00	77.36 3.62 0.05	59.69 2.41 0.00	57.79 2.53 0.00	71.58 3.09 0.00	70.28 3.08 0.05	63.51 2.74 0.01	62.28 2.82 0.00	69.18 3.69 0.22	77.42 4.51 0.00	66.70 3.62 0.04	59.85 2.97 0.03	53.77 2.79 0.01	53.06 2.65 0.00	49.31 2.52 0.00	65.48 3.23 0.00
ROSETON___2 23588	61.89 2.33 0.00	51.96 1.87 0.00	51.56 1.70 0.00	50.34 1.55 0.00	52.17 1.67 0.00	84.09 2.84 0.00	78.91 2.82 0.00	95.28 4.57 0.07	69.50 3.29 0.00	77.36 3.62 0.05	59.69 2.41 0.00	57.79 2.53 0.00	71.58 3.09 0.00	70.28 3.08 0.05	63.51 2.74 0.01	62.28 2.82 0.00	69.18 3.69 0.22	77.42 4.51 0.00	66.70 3.62 0.04	59.85 2.97 0.03	53.77 2.79 0.01	53.06 2.65 0.00	49.31 2.52 0.00	65.48 3.23 0.00
ROTRRDAM_115KV_TB3 80664	61.16 1.60 0.00	51.40 1.31 0.00	51.13 1.27 0.00	50.02 1.23 0.00	51.77 1.26 0.00	83.33 2.09 0.00	78.14 2.05 0.00	93.70 2.93 0.00	68.43 2.22 0.00	76.17 2.38 0.00	58.87 1.60 0.00	56.83 1.56 0.00	70.38 1.89 0.00	69.12 1.87 0.00	62.52 1.74 0.00	61.26 1.80 0.00	67.97 2.25 0.00	75.61 2.70 0.00	65.31 2.19 0.00	58.76 1.85 0.00	52.69 1.70 0.00	52.00 1.59 0.00	48.27 1.49 0.00	64.14 1.88 0.00
RUSSELL___1 23602	57.59 -1.97 0.00	48.42 -1.67 0.00	48.10 -1.77 0.00	47.17 -1.63 0.00	48.79 -1.72 0.00	78.48 -2.77 0.00	73.53 -2.57 0.00	87.29 -3.68 -0.19	63.84 -2.38 0.00	70.72 -3.22 -0.14	54.84 -2.43 0.00	52.45 -2.82 0.00	64.93 -3.56 0.00	63.83 -3.54 -0.12	57.71 -3.09 -0.02	56.53 -2.93 0.00	63.13 -3.19 -0.60	70.32 -2.60 0.00	60.74 -2.51 -0.13	54.53 -2.46 -0.08	48.62 -2.38 -0.02	48.05 -2.36 0.00	44.72 -2.06 0.00	59.49 -2.76 0.00
RUSSELL___2 23532	57.59 -1.97 0.00	48.42 -1.67 0.00	48.10 -1.77 0.00	47.17 -1.63 0.00	48.79 -1.72 0.00	78.48 -2.77 0.00	73.53 -2.57 0.00	87.29 -3.68 -0.19	63.84 -2.38 0.00	70.72 -3.22 -0.14	54.84 -2.43 0.00	52.45 -2.82 0.00	64.93 -3.56 0.00	63.83 -3.54 -0.12	57.71 -3.09 -0.02	56.53 -2.93 0.00	63.13 -3.19 -0.60	70.32 -2.60 0.00	60.74 -2.51 -0.13	54.53 -2.46 -0.08	48.62 -2.38 -0.02	48.05 -2.36 0.00	44.72 -2.06 0.00	59.49 -2.76 0.00
RUSSELL___3 23549	57.59 -1.97 0.00	48.42 -1.67 0.00	48.10 -1.77 0.00	47.17 -1.63 0.00	48.79 -1.72 0.00	78.48 -2.77 0.00	73.53 -2.57 0.00	87.29 -3.68 -0.19	63.84 -2.38 0.00	70.72 -3.22 -0.14	54.84 -2.43 0.00	52.45 -2.82 0.00	64.93 -3.56 0.00	63.83 -3.54 -0.12	57.71 -3.09 -0.02	56.53 -2.93 0.00	63.13 -3.19 -0.60	70.32 -2.60 0.00	60.74 -2.51 -0.13	54.53 -2.46 -0.08	48.62 -2.38 -0.02	48.05 -2.36 0.00	44.72 -2.06 0.00	59.49 -2.76 0.00
RUSSELL___4 23556	57.59 -1.97 0.00	48.42 -1.67 0.00	48.10 -1.77 0.00	47.17 -1.63 0.00	48.79 -1.72 0.00	78.48 -2.77 0.00	73.53 -2.57 0.00	87.29 -3.68 -0.19	63.84 -2.38 0.00	70.72 -3.22 -0.14	54.84 -2.43 0.00	52.45 -2.82 0.00	64.93 -3.56 0.00	63.83 -3.54 -0.12	57.71 -3.09 -0.02	56.53 -2.93 0.00	63.13 -3.19 -0.60	70.32 -2.60 0.00	60.74 -2.51 -0.13	54.53 -2.46 -0.08	48.62 -2.38 -0.02	48.05 -2.36 0.00	44.72 -2.06 0.00	59.49 -2.76 0.00
RUSSELL___STATION 23914	57.59 -1.97 0.00	48.42 -1.67 0.00	48.10 -1.77 0.00	47.17 -1.63 0.00	48.79 -1.72 0.00	78.48 -2.77 0.00	73.53 -2.57 0.00	87.29 -3.68 -0.19	63.84 -2.38 0.00	70.72 -3.22 -0.14	54.84 -2.43 0.00	52.45 -2.82 0.00	64.93 -3.56 0.00	63.83 -3.54 -0.12	57.71 -3.09 -0.02	56.53 -2.93 0.00	63.13 -3.19 -0.60	70.32 -2.60 0.00	60.74 -2.51 -0.13	54.53 -2.46 -0.08	48.62 -2.38 -0.02	48.05 -2.36 0.00	44.72 -2.06 0.00	59.49 -2.76 0.00
S SALMON___HYD 24043	57.42 -2.14 0.00	48.26 -1.83 0.00	48.10 -1.77 0.00	47.22 -1.58 0.00	49.07 -1.43 0.00	79.14 -2.11 0.00	74.59 -1.50 0.00	89.11 -1.67 0.00	64.54 -1.68 0.00	71.64 -2.15 0.00	55.47 -1.81 0.00	53.28 -1.99 0.00	65.94 -2.55 0.00	64.30 -2.95 0.00	58.42 -2.36 0.00	57.60 -1.86 0.00	63.98 -1.74 0.00	71.11 -1.81 0.00	61.36 -1.77 0.00	55.09 -1.82 0.00	49.33 -1.66 0.00	48.38 -1.75 0.27	44.86 -1.87 0.05	64.49 -2.77 -5.00
S.PERRY__115KV_TB1 80734	58.60 -0.95 0.00	49.21 -0.88 0.00	48.96 -0.91 0.00	48.02 -0.78 0.00	49.86 -0.64 0.00	80.53 -0.72 0.00	75.75 -0.34 0.00	89.19 -0.76 0.83	65.87 -0.35 0.00	72.05 -1.14 0.60	55.95 -1.32 0.00	53.12 -2.15 0.00	65.54 -2.95 0.00	97.64 -3.05 -33.43	99.11 -3.67 -42.00	101.60 -4.15 -46.28	122.17 -4.19 -60.64	125.51 -3.73 -56.33	120.73 -3.50 -61.11	110.77 -3.50 -57.36	98.48 -3.23 -50.72	102.75 -2.21 -54.55	53.97 -1.64 -8.82	59.92 -2.33 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	55.70 -3.86 0.00	46.94 -3.15 0.00	46.57 -3.30 0.00	45.73 -3.06 0.00	47.24 -3.26 0.00	75.74 -5.51 0.00	70.50 -5.59 0.00	79.32 -8.24 3.22	60.69 -5.53 0.00	64.65 -6.79 2.35	52.25 -5.02 0.00	49.71 -5.55 0.00	61.53 -6.96 0.00	48.02 -6.89 12.34	41.49 -6.17 13.12	39.42 -5.97 14.07	29.94 -6.84 28.94	49.49 -6.31 17.11	36.44 -5.89 20.80	32.64 -5.47 18.79	30.26 -5.07 15.66	28.95 -4.90 16.56	39.80 -4.31 2.68	56.76 -5.49 0.00

SAWYER___23_KV_LOAD 55526	55.70 -3.86 0.00	46.94 -3.15 0.00	46.57 -3.30 0.00	45.73 -3.06 0.00	47.24 -3.26 0.00	75.74 -5.51 0.00	70.50 -5.59 0.00	79.32 -8.24 3.22	60.69 -5.53 0.00	64.65 -6.79 2.35	52.25 -5.02 0.00	49.71 -5.55 0.00	61.53 -6.96 0.00	48.02 -6.89 12.34	41.49 -6.17 13.12	39.42 -5.97 14.07	29.94 -6.84 28.94	49.49 -6.31 17.11	36.44 -5.89 20.80	32.64 -5.47 18.79	30.26 -5.07 15.66	28.95 -4.90 16.56	39.80 -4.31 2.68	56.76 -5.49 0.00
SELKIRK___I 23801	61.60 2.04 0.00	51.76 1.67 0.00	51.52 1.65 0.00	50.39 1.59 0.00	52.16 1.65 0.00	83.96 2.71 0.00	81.94 5.85 0.00	100.49 9.71 0.00	73.54 7.32 0.00	81.63 7.84 0.00	62.92 5.64 0.00	60.52 5.26 0.00	74.66 6.17 0.00	73.32 6.07 0.00	66.63 5.85 0.00	65.72 6.26 0.00	72.82 7.10 0.00	77.47 4.56 0.00	65.59 2.46 0.00	58.99 2.08 0.00	52.93 1.94 0.00	52.26 1.86 0.00	48.71 1.92 0.00	64.71 2.46 0.00
SELKIRK___II 23799	61.31 1.75 0.00	51.51 1.42 0.00	51.26 1.39 0.00	50.12 1.33 0.00	51.88 1.37 0.00	83.49 2.24 0.00	78.04 1.95 0.00	93.67 2.90 0.00	68.43 2.21 0.00	76.18 2.38 0.00	58.88 1.60 0.00	56.93 1.66 0.00	70.48 1.98 0.00	69.20 1.95 0.00	62.61 1.84 0.00	61.36 1.90 0.00	68.10 2.38 0.00	75.79 2.88 0.00	65.38 2.26 0.00	58.80 1.89 0.00	52.74 1.75 0.00	52.08 1.68 0.00	48.55 1.76 0.00	64.50 2.25 0.00
SENECA OSWGO___HYD 24041	57.45 -2.11 0.00	48.30 -1.79 0.00	48.05 -1.81 0.00	47.04 -1.75 0.00	48.75 -1.76 0.00	78.50 -2.75 0.00	73.72 -2.37 0.00	88.10 -2.68 0.00	64.23 -1.98 0.00	71.46 -2.33 0.00	55.21 -2.06 0.00	53.22 -2.05 0.00	65.95 -2.54 0.00	64.72 -2.53 0.00	58.54 -2.24 0.00	57.41 -2.05 0.00	63.64 -2.08 0.00	70.90 -2.02 0.00	61.29 -1.84 0.00	55.13 -1.78 0.00	49.36 -1.63 0.00	48.76 -1.65 0.00	45.20 -1.59 0.00	60.07 -2.19 0.00
SENECA___115KV_TB3 355854	56.31 -3.25 0.00	47.43 -2.66 0.00	47.07 -2.80 0.00	46.23 -2.57 0.00	47.81 -2.70 0.00	76.66 -4.58 0.00	71.46 -4.63 0.00	81.02 -6.84 2.91	61.65 -4.57 0.00	65.97 -5.70 2.13	53.02 -4.26 0.00	50.48 -4.78 0.00	62.48 -6.01 0.00	48.69 -5.90 12.66	41.76 -5.29 13.73	39.53 -5.16 14.77	30.78 -5.96 28.98	49.63 -5.32 17.96	36.51 -5.08 21.53	32.57 -4.79 19.55	30.09 -4.49 16.41	28.69 -4.33 17.39	40.09 -3.88 2.81	57.32 -4.93 0.00
SENECA___ENERGY 23797	57.95 -1.61 0.00	48.67 -1.42 0.00	48.45 -1.42 0.00	47.42 -1.38 0.00	49.10 -1.41 0.00	79.28 -1.97 0.00	74.43 -1.66 0.00	89.00 -1.77 0.00	65.81 -0.41 0.00	71.89 -1.90 0.00	55.44 -1.84 0.00	53.31 -1.95 0.00	66.13 -2.36 0.00	67.08 -2.41 -2.24	61.53 -2.02 -2.77	60.61 -1.90 -3.05	67.94 -1.94 -4.16	74.98 -1.66 -3.73	65.54 -1.67 -4.09	59.13 -1.61 -3.82	52.76 -1.59 -3.36	52.37 -1.65 -3.62	45.84 -1.53 -0.58	60.10 -2.16 0.00
SHOEMAKER___GT 23640	61.53 1.97 0.00	51.66 1.57 0.00	51.27 1.40 0.00	50.08 1.29 0.00	51.91 1.40 0.00	83.69 2.44 0.00	78.55 2.46 0.00	94.74 4.04 0.08	69.09 2.87 0.00	76.92 3.18 0.06	59.39 2.12 0.00	57.49 2.22 0.00	71.19 2.70 0.00	69.91 2.71 0.05	63.17 2.40 0.01	61.94 2.48 0.00	68.79 3.31 0.23	76.98 4.07 0.00	66.33 3.25 0.05	59.54 2.66 0.03	53.46 2.48 0.01	52.72 2.31 0.00	48.97 2.18 0.00	65.07 2.81 0.00
SHOEMAKR_138KV_BK 111 55601	61.49 1.93 0.00	51.61 1.52 0.00	51.24 1.37 0.00	50.05 1.25 0.00	51.88 1.37 0.00	83.64 2.39 0.00	78.48 2.39 0.00	94.68 3.98 0.08	69.03 2.81 0.00	76.86 3.12 0.06	59.35 2.07 0.00	57.44 2.18 0.00	71.14 2.64 0.00	69.87 2.66 0.05	63.13 2.36 0.01	61.90 2.44 0.00	68.72 3.24 0.24	76.91 4.00 0.00	66.27 3.20 0.05	59.50 2.62 0.03	53.44 2.45 0.01	52.71 2.30 0.00	48.93 2.14 0.00	65.03 2.77 0.00
SHOREHAM_IC_1 23715	64.36 4.80 0.00	53.93 3.84 0.00	53.25 3.38 0.00	51.98 3.19 0.00	53.89 3.39 0.00	87.09 5.85 0.00	81.78 5.69 0.00	99.43 8.72 0.07	72.26 6.04 0.00	80.39 6.65 0.05	62.65 4.36 -1.01	59.54 4.27 0.00	74.13 5.63 0.00	73.05 5.85 0.05	65.83 5.06 0.01	64.40 4.94 0.00	72.36 6.34 -0.30	80.34 7.42 0.00	69.13 6.05 0.04	61.96 5.08 0.03	55.68 4.70 0.01	55.14 4.73 0.00	50.97 4.19 0.00	67.38 5.12 0.00
SHOREHAM_IC_2 23716	64.36 4.80 0.00	53.93 3.84 0.00	53.25 3.38 0.00	51.98 3.19 0.00	53.89 3.39 0.00	87.09 5.85 0.00	81.78 5.69 0.00	99.43 8.72 0.07	72.26 6.04 0.00	80.39 6.65 0.05	62.65 4.36 -1.01	59.54 4.27 0.00	74.13 5.63 0.00	73.05 5.85 0.05	65.83 5.06 0.01	64.40 4.94 0.00	72.36 6.34 -0.30	80.34 7.42 0.00	69.13 6.05 0.04	61.96 5.08 0.03	55.68 4.70 0.01	55.14 4.73 0.00	50.97 4.19 0.00	67.38 5.12 0.00
SISSONVILLE____ 23735	59.02 -0.54 0.00	49.60 -0.50 0.00	49.58 -0.29 0.00	49.07 0.27 0.00	51.71 1.20 0.00	83.66 2.41 0.00	79.66 3.57 0.00	94.97 4.19 0.00	68.69 2.48 0.00	76.29 2.50 0.00	59.52 2.25 0.00	56.70 1.44 0.00	70.19 1.70 0.00	68.61 1.36 0.00	62.20 1.43 0.00	61.07 1.61 0.00	67.68 1.97 0.00	74.79 1.88 0.00	64.88 1.75 0.00	58.45 1.54 0.00	51.95 0.96 0.00	47.25 0.35 3.51	45.54 -0.57 0.68	107.61 -1.45 -46.80
SITHE_IND_GS1 24169	57.05 -2.51 0.00	47.98 -2.12 0.00	47.74 -2.13 0.00	46.75 -2.05 0.00	48.39 -2.12 0.00	77.89 -3.35 0.00	73.05 -3.04 0.00	87.21 -3.57 0.00	63.60 -2.61 0.00	70.80 -2.99 0.00	54.83 -2.45 0.00	52.83 -2.43 0.00	65.45 -3.04 0.00	64.24 -3.02 0.00	58.14 -2.64 0.00	56.94 -2.52 0.00	63.03 -2.69 0.00	70.15 -2.77 0.00	60.64 -2.48 0.00	54.58 -2.33 0.00	48.88 -2.11 0.00	48.32 -2.09 0.00	44.84 -1.95 0.00	59.60 -2.66 0.00
SITHE_IND_GS2 24170	57.05 -2.51 0.00	47.98 -2.12 0.00	47.74 -2.13 0.00	46.75 -2.05 0.00	48.39 -2.12 0.00	77.89 -3.35 0.00	73.05 -3.04 0.00	87.21 -3.57 0.00	63.60 -2.61 0.00	70.80 -2.99 0.00	54.83 -2.45 0.00	52.83 -2.43 0.00	65.45 -3.04 0.00	64.24 -3.02 0.00	58.14 -2.64 0.00	56.94 -2.52 0.00	63.03 -2.69 0.00	70.15 -2.77 0.00	60.64 -2.48 0.00	54.58 -2.33 0.00	48.88 -2.11 0.00	48.32 -2.09 0.00	44.84 -1.95 0.00	59.60 -2.66 0.00
SITHE_IND_GS3 24171	57.05 -2.51 0.00	47.98 -2.12 0.00	47.74 -2.13 0.00	46.75 -2.05 0.00	48.39 -2.12 0.00	77.89 -3.35 0.00	73.05 -3.04 0.00	87.21 -3.57 0.00	63.60 -2.61 0.00	70.80 -2.99 0.00	54.83 -2.45 0.00	52.83 -2.43 0.00	65.45 -3.04 0.00	64.24 -3.02 0.00	58.14 -2.64 0.00	56.94 -2.52 0.00	63.03 -2.69 0.00	70.15 -2.77 0.00	60.64 -2.48 0.00	54.58 -2.33 0.00	48.88 -2.11 0.00	48.32 -2.09 0.00	44.84 -1.95 0.00	59.60 -2.66 0.00
SITHE_IND_GS4 24172	57.05 -2.51 0.00	47.98 -2.12 0.00	47.74 -2.13 0.00	46.75 -2.05 0.00	48.39 -2.12 0.00	77.89 -3.35 0.00	73.05 -3.04 0.00	87.21 -3.57 0.00	63.60 -2.61 0.00	70.80 -2.99 0.00	54.83 -2.45 0.00	52.83 -2.43 0.00	65.45 -3.04 0.00	64.24 -3.02 0.00	58.14 -2.64 0.00	56.94 -2.52 0.00	63.03 -2.69 0.00	70.15 -2.77 0.00	60.64 -2.48 0.00	54.58 -2.33 0.00	48.88 -2.11 0.00	48.32 -2.09 0.00	44.84 -1.95 0.00	59.60 -2.66 0.00

SITHE___BATAVIA 24024	57.32 -2.24 0.00	48.28 -1.82 0.00	47.89 -1.98 0.00	47.03 -1.77 0.00	48.60 -1.90 0.00	78.13 -3.12 0.00	73.11 -2.98 0.00	84.74 -4.45 1.59	63.51 -2.70 0.00	68.95 -3.72 1.12	54.46 -2.82 0.00	51.69 -3.58 0.00	63.84 -4.65 0.00	56.44 -4.44 6.38	50.27 -3.64 6.87	48.82 -3.26 7.38	47.06 -3.94 14.72	61.14 -2.79 8.97	49.61 -2.71 10.81	44.49 -2.63 9.80	40.24 -2.54 8.20	39.30 -2.43 8.68	43.04 -2.34 1.41	59.12 -3.13 0.00
SITHE___INDEPEND 23800	57.05 -2.51 0.00	47.97 -2.12 0.00	47.74 -2.13 0.00	46.75 -2.05 0.00	48.39 -2.12 0.00	77.90 -3.35 0.00	73.05 -3.04 0.00	87.21 -3.57 0.00	63.61 -2.61 0.00	70.81 -2.98 0.00	54.83 -2.45 0.00	52.83 -2.44 0.00	65.45 -3.04 0.00	64.23 -3.02 0.00	58.12 -2.66 0.00	56.95 -2.51 0.00	63.04 -2.68 0.00	70.15 -2.77 0.00	60.65 -2.48 0.00	54.58 -2.33 0.00	48.88 -2.11 0.00	48.32 -2.09 0.00	44.84 -1.95 0.00	59.60 -2.66 0.00
SITHE___MASSENA 23902	60.30 0.75 0.00	50.79 0.69 0.00	50.64 0.78 0.00	49.58 0.78 0.00	51.20 0.70 0.00	82.35 1.10 0.00	77.01 0.92 0.00	91.15 0.37 0.00	66.53 0.32 0.00	74.22 0.43 0.00	58.06 0.78 0.00	55.93 0.66 0.00	69.42 0.93 0.00	68.08 0.83 0.00	61.42 0.65 0.00	59.91 0.45 0.00	65.67 -0.05 0.00	72.46 -0.45 0.00	62.98 -0.14 0.00	57.01 0.10 0.00	50.92 -0.06 0.00	41.62 -0.04 8.74	45.01 -0.08 1.70	57.82 0.07 4.51
SITHE___OGDNSBRG 24021	61.32 1.76 0.00	51.48 1.39 0.00	51.43 1.57 0.00	50.89 2.09 0.00	53.68 3.17 0.00	86.98 5.74 0.00	83.19 7.10 0.00	99.35 8.57 0.00	71.84 5.62 0.00	79.54 5.75 0.00	61.92 4.64 0.00	58.60 3.34 0.00	72.40 3.91 0.00	71.14 3.89 0.00	64.36 3.59 0.00	63.14 3.68 0.00	70.61 4.89 0.00	78.31 5.40 0.00	68.03 4.90 0.00	61.29 4.37 0.00	54.39 3.40 0.00	49.49 2.59 3.51	47.43 1.32 0.68	109.93 0.87 -46.80
SITHE___STERLING 23777	60.55 0.99 0.00	50.93 0.84 0.00	50.74 0.87 0.00	49.69 0.90 0.00	51.62 1.11 0.00	83.25 2.01 0.00	78.31 2.23 0.00	93.80 3.02 0.00	68.47 2.25 0.00	76.06 2.27 0.00	58.90 1.63 0.00	56.52 1.25 0.00	69.96 1.47 0.00	68.60 1.35 0.00	62.27 1.49 0.00	61.20 1.74 0.00	67.71 1.99 0.00	75.11 2.20 0.00	64.92 1.79 0.00	58.37 1.46 0.00	52.23 1.25 0.00	51.55 1.14 0.00	47.65 0.87 0.00	65.81 0.88 -2.67
SLEIGHT__34_KV_TB1 80719	57.71 -1.85 0.00	48.52 -1.57 0.00	48.22 -1.65 0.00	47.25 -1.55 0.00	48.89 -1.61 0.00	78.81 -2.44 0.00	74.05 -2.04 0.00	88.26 -2.71 -0.19	64.71 -1.51 0.00	71.41 -2.52 -0.14	55.18 -2.10 0.00	52.91 -2.35 0.00	65.54 -2.96 0.00	64.43 -2.94 -0.12	58.25 -2.55 -0.02	57.09 -2.37 0.00	63.82 -2.49 -0.59	70.86 -2.05 0.00	61.17 -2.08 -0.12	54.97 -2.02 -0.08	49.01 -1.99 -0.02	48.39 -2.01 0.00	44.96 -1.82 0.00	59.71 -2.54 0.00
SOUTH CAIRO___GT 23612	64.03 4.47 0.00	53.74 3.65 0.00	53.44 3.58 0.00	52.27 3.48 0.00	54.15 3.64 0.00	87.37 6.13 0.00	82.64 6.55 0.00	100.01 9.23 0.00	73.19 6.97 0.00	81.24 7.45 0.00	62.72 5.45 0.00	60.40 5.13 0.00	74.56 6.07 0.00	73.26 6.01 0.00	66.41 5.64 0.00	65.34 5.87 0.00	72.70 6.98 0.00	80.21 7.30 0.00	68.97 5.85 0.00	61.87 4.96 0.00	55.36 4.38 0.00	54.52 4.11 0.00	50.63 3.84 0.00	67.04 4.79 0.00
SOUTH HAMPTN___IC 23720	64.80 5.24 0.00	54.33 4.24 0.00	53.65 3.79 0.00	52.37 3.57 0.00	54.25 3.75 0.00	87.67 6.43 0.00	82.33 6.24 0.00	100.11 9.40 0.07	72.74 6.52 0.00	80.89 7.15 0.05	63.23 4.94 -1.01	60.06 4.80 0.00	74.67 6.18 0.00	73.33 6.13 0.05	65.88 5.11 0.01	64.34 4.88 0.00	72.35 6.33 -0.30	80.25 7.33 0.00	69.01 5.93 0.04	61.85 4.96 0.03	55.55 4.56 0.01	54.95 4.54 0.00	50.79 4.00 0.00	67.07 4.82 0.00
SOUTHDOW_115KV_TB1 355954	58.02 -1.54 0.00	48.84 -1.26 0.00	48.48 -1.39 0.00	47.54 -1.25 0.00	49.24 -1.26 0.00	79.32 -1.92 0.00	74.20 -1.89 0.00	85.06 -3.09 2.63	63.88 -2.34 0.00	68.42 -3.45 1.92	54.83 -2.44 0.00	52.26 -3.00 0.00	64.42 -4.07 0.00	55.16 -4.06 8.03	48.83 -3.76 8.19	46.80 -3.95 8.71	41.32 -4.56 19.84	58.71 -3.61 10.59	46.06 -3.78 13.28	41.35 -3.68 11.88	37.68 -3.57 9.74	36.64 -3.52 10.24	41.90 -3.23 1.66	58.30 -3.96 0.00
SOUTHOLD_69_KV_BK 2 55809	65.54 5.98 0.00	55.02 4.93 0.00	54.34 4.47 0.00	53.00 4.21 0.00	54.82 4.32 0.00	88.58 7.33 0.00	83.21 7.12 0.00	101.25 10.54 0.07	73.45 7.23 0.00	81.60 7.86 0.05	64.02 5.73 -1.01	60.73 5.46 0.00	75.39 6.90 0.00	73.66 6.46 0.05	65.74 4.97 0.01	64.04 4.58 0.00	72.10 6.08 -0.30	79.90 6.98 0.00	68.65 5.57 0.04	61.49 4.61 0.03	55.17 4.19 0.01	54.51 4.10 0.00	50.32 3.53 0.00	66.35 4.10 0.00
SOUTHOLD___IC 23719	65.54 5.98 0.00	55.02 4.93 0.00	54.34 4.47 0.00	53.00 4.21 0.00	54.83 4.32 0.00	88.58 7.33 0.00	83.21 7.12 0.00	101.22 10.52 0.07	73.46 7.24 0.00	81.60 7.86 0.05	64.02 5.73 -1.01	60.73 5.46 0.00	75.39 6.90 0.00	73.65 6.44 0.05	65.72 4.95 0.01	64.03 4.57 0.00	72.14 6.12 -0.30	79.90 6.99 0.00	68.65 5.57 0.04	61.47 4.59 0.03	55.16 4.17 0.01	54.50 4.09 0.00	50.32 3.53 0.00	66.36 4.10 0.00
SOUTH_FORK_WT_PWR 323839	65.50 5.94 0.00	55.03 4.94 0.00	54.36 4.49 0.00	53.00 4.21 0.00	54.74 4.24 0.00	88.41 7.17 0.00	83.03 6.94 0.00	101.00 10.29 0.07	73.19 6.97 0.00	81.27 7.53 0.05	63.90 5.61 -1.01	60.55 5.28 0.00	75.08 6.59 0.00	73.07 5.87 0.05	64.90 4.13 0.01	63.09 3.63 0.00	71.16 5.13 -0.30	78.69 5.78 0.00	67.59 4.51 0.04	60.52 3.64 0.03	54.31 3.32 0.01	53.65 3.25 0.00	49.52 2.74 0.00	65.29 3.03 0.00
SPIERFLS_115KV_TB 1 80737	61.51 1.95 0.00	51.61 1.53 0.00	51.34 1.47 0.00	50.15 1.35 0.00	51.91 1.40 0.00	84.12 2.87 0.00	79.69 3.60 0.00	96.49 5.72 0.00	70.58 4.36 0.00	78.50 4.71 0.00	60.41 3.14 0.00	58.41 3.14 0.00	72.29 3.80 0.00	70.52 3.27 0.00	63.97 3.19 0.00	62.46 3.00 0.00	69.64 3.92 0.00	77.50 4.58 0.00	66.90 3.77 0.00	60.12 3.21 0.00	53.84 2.85 0.00	52.89 2.48 0.00	48.91 2.13 0.00	64.80 2.55 0.00
ST LAWRENCE____ 23600	59.75 0.19 0.00	50.31 0.23 0.00	50.18 0.32 0.00	49.11 0.32 0.00	50.74 0.23 0.00	81.56 0.32 0.00	76.27 0.18 0.00	90.26 -0.51 0.00	65.88 -0.34 0.00	73.52 -0.27 0.00	57.51 0.24 0.00	55.42 0.16 0.00	68.80 0.31 0.00	67.46 0.21 0.00	60.88 0.10 0.00	59.37 -0.09 0.00	65.07 -0.65 0.00	71.77 -1.14 0.00	62.41 -0.71 0.00	56.48 -0.43 0.00	50.47 -0.52 0.00	41.17 -0.50 8.74	44.59 -0.50 1.70	57.25 -0.50 4.51
STATE_CA_115KV_115_LB 55624	61.78 2.22 0.00	51.89 1.80 0.00	51.59 1.73 0.00	50.46 1.67 0.00	52.23 1.72 0.00	84.11 2.87 0.00	78.52 2.43 0.00	94.31 3.54 0.00	68.92 2.70 0.00	76.75 2.96 0.00	59.30 2.03 0.00	57.36 2.10 0.00	71.01 2.52 0.00	69.72 2.47 0.00	63.09 2.31 0.00	61.83 2.37 0.00	68.65 2.94 0.00	76.41 3.50 0.00	65.94 2.82 0.00	59.27 2.36 0.00	53.14 2.15 0.00	52.48 2.08 0.00	48.98 2.20 0.00	65.01 2.75 0.00

STATE_ST_34_KV_LOAD 55959	59.14 -0.42 0.00	49.68 -0.41 0.00	49.44 -0.43 0.00	48.39 -0.41 0.00	49.98 -0.53 0.00	80.76 -0.49 0.00	75.98 -0.11 0.00	90.81 0.04 0.00	67.28 1.06 0.00	73.36 -0.43 0.00	56.39 -0.89 0.00	54.34 -0.93 0.00	67.28 -1.21 0.00	66.12 -1.13 0.00	59.89 -0.89 0.00	58.72 -0.74 0.00	65.11 -0.61 0.00	72.76 -0.15 0.00	62.61 -0.51 0.00	56.47 -0.44 0.00	50.38 -0.61 0.00	49.88 -0.53 0.00	46.24 -0.55 0.00	61.19 -1.07 0.00
STATION 5_MISC_HYD 23604	57.29 -2.27 0.00	48.18 -1.91 0.00	47.85 -2.01 0.00	46.94 -1.85 0.00	48.54 -1.97 0.00	78.07 -3.18 0.00	73.13 -2.96 0.00	86.77 -4.20 -0.19	63.46 -2.76 0.00	70.27 -3.66 -0.14	54.53 -2.74 0.00	52.15 -3.12 0.00	64.57 -3.92 0.00	63.51 -3.86 -0.12	57.43 -3.37 -0.02	56.22 -3.24 0.00	62.55 -3.77 -0.60	69.84 -3.08 0.00	60.33 -2.92 -0.13	54.19 -2.80 -0.08	48.37 -2.64 -0.02	47.82 -2.59 0.00	44.48 -2.31 0.00	59.17 -3.08 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	58.07 -1.48 0.00	48.83 -1.26 0.00	48.54 -1.33 0.00	47.58 -1.22 0.00	49.26 -1.24 0.00	79.42 -1.83 0.00	74.58 -1.51 0.00	88.87 -2.01 -0.11	65.23 -0.99 0.00	71.86 -2.01 -0.08	55.58 -1.70 0.00	53.21 -2.06 0.00	65.90 -2.59 0.00	64.72 -2.60 -0.07	58.62 -2.17 -0.01	57.46 -2.00 0.00	64.02 -2.04 -0.34	71.33 -1.59 0.00	61.58 -1.62 -0.07	55.34 -1.62 -0.04	49.36 -1.64 -0.01	48.72 -1.69 0.00	45.27 -1.52 0.00	60.15 -2.11 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	57.04 -2.51 0.00	47.99 -2.11 0.00	47.66 -2.21 0.00	46.75 -2.05 0.00	48.36 -2.15 0.00	77.80 -3.45 0.00	72.90 -3.19 0.00	86.52 -4.42 -0.17	63.31 -2.91 0.00	70.13 -3.79 -0.13	54.40 -2.88 0.00	52.04 -3.23 0.00	64.43 -4.06 0.00	63.30 -4.06 -0.11	57.23 -3.57 -0.02	56.06 -3.40 0.00	62.53 -3.71 -0.52	69.66 -3.26 0.00	60.15 -3.09 -0.11	54.02 -2.96 -0.07	48.19 -2.81 -0.01	47.61 -2.80 0.00	44.34 -2.45 0.00	58.99 -3.27 0.00
STA_56___34_KV_BUS2 355983	57.04 -2.51 0.00	47.99 -2.11 0.00	47.66 -2.21 0.00	46.75 -2.05 0.00	48.36 -2.15 0.00	77.80 -3.45 0.00	72.90 -3.19 0.00	86.52 -4.42 -0.17	63.31 -2.91 0.00	70.13 -3.79 -0.13	54.40 -2.88 0.00	52.04 -3.23 0.00	64.43 -4.06 0.00	63.30 -4.06 -0.11	57.23 -3.57 -0.02	56.06 -3.40 0.00	62.53 -3.71 -0.52	69.66 -3.26 0.00	60.15 -3.09 -0.11	54.02 -2.96 -0.07	48.19 -2.81 -0.01	47.61 -2.80 0.00	44.34 -2.45 0.00	58.99 -3.27 0.00
STA_67___115KV_BK2 355882	57.15 -2.41 0.00	48.07 -2.02 0.00	47.76 -2.11 0.00	46.84 -1.96 0.00	48.44 -2.07 0.00	77.89 -3.36 0.00	72.93 -3.16 0.00	86.54 -4.45 -0.20	63.27 -2.94 0.00	70.12 -3.82 -0.15	54.39 -2.88 0.00	52.01 -3.26 0.00	64.38 -4.11 0.00	63.27 -4.11 -0.13	57.19 -3.61 -0.02	56.00 -3.46 0.00	62.58 -3.78 -0.64	69.61 -3.30 0.00	60.14 -3.12 -0.13	54.01 -2.99 -0.08	48.15 -2.85 -0.02	47.61 -2.80 0.00	44.35 -2.44 0.00	59.04 -3.21 0.00
STA_7___115KV_9TRANS 80674	57.59 -1.97 0.00	48.42 -1.67 0.00	48.10 -1.77 0.00	47.17 -1.63 0.00	48.79 -1.72 0.00	78.48 -2.77 0.00	73.53 -2.57 0.00	87.29 -3.68 -0.19	63.84 -2.38 0.00	70.72 -3.22 -0.14	54.84 -2.43 0.00	52.45 -2.82 0.00	64.93 -3.56 0.00	63.83 -3.54 -0.12	57.71 -3.09 -0.02	56.53 -2.93 0.00	63.13 -3.19 -0.60	70.32 -2.60 0.00	60.74 -2.51 -0.13	54.53 -2.46 -0.08	48.62 -2.38 -0.02	48.05 -2.36 0.00	44.72 -2.06 0.00	59.49 -2.76 0.00
STA_82___115KV_TB1 80780	57.16 -2.40 0.00	48.08 -2.01 0.00	47.76 -2.11 0.00	46.84 -1.95 0.00	48.45 -2.06 0.00	77.92 -3.33 0.00	72.96 -3.13 0.00	86.50 -4.41 -0.14	63.32 -2.90 0.00	70.10 -3.80 -0.10	54.41 -2.86 0.00	52.03 -3.24 0.00	64.39 -4.10 0.00	63.24 -4.11 -0.09	57.18 -3.61 -0.02	56.02 -3.44 0.00	62.37 -3.78 -0.43	69.64 -3.27 0.00	60.12 -3.10 -0.09	53.99 -2.98 -0.05	48.17 -2.83 -0.01	47.63 -2.78 0.00	44.37 -2.42 0.00	59.05 -3.20 0.00
STEEL___WIND 323596	56.21 -3.35 0.00	47.34 -2.75 0.00	46.99 -2.88 0.00	46.15 -2.64 0.00	47.74 -2.77 0.00	76.54 -4.70 0.00	71.35 -4.74 0.00	80.94 -6.92 2.91	61.56 -4.66 0.00	65.84 -5.82 2.13	52.96 -4.32 0.00	50.42 -4.84 0.00	62.38 -6.11 0.00	48.67 -5.92 12.66	41.79 -5.26 13.73	39.55 -5.14 14.77	30.55 -6.19 28.98	49.51 -5.44 17.96	36.42 -5.17 21.53	32.54 -4.83 19.55	30.04 -4.54 16.41	28.74 -4.28 17.39	40.00 -3.98 2.81	57.20 -5.05 0.00
STEPHTWN_115KV_BK_2 55603	62.26 2.70 0.00	52.24 2.15 0.00	51.94 2.08 0.00	50.73 1.93 0.00	52.53 2.02 0.00	84.80 3.55 0.00	79.20 3.11 0.00	95.20 4.42 0.00	69.59 3.37 0.00	77.41 3.62 0.00	59.85 2.57 0.00	57.77 2.51 0.00	71.69 3.19 0.00	70.48 3.23 0.00	63.77 2.99 0.00	62.43 2.97 0.00	69.38 3.66 0.00	77.43 4.52 0.00	66.61 3.49 0.00	59.84 2.93 0.00	53.58 2.59 0.00	52.93 2.52 0.00	49.39 2.61 0.00	65.50 3.25 0.00
STEUBEN_REC_LFGE 323667	56.02 -3.54 0.00	46.90 -3.19 0.00	46.89 -2.98 0.00	45.97 -2.83 0.00	47.94 -2.57 0.00	77.85 -3.40 0.00	73.46 -2.63 0.00	86.31 -3.30 1.16	64.03 -2.19 0.00	69.76 -3.18 0.85	54.00 -3.27 0.00	51.58 -3.68 0.00	63.81 -4.68 0.00	85.19 -4.71 -22.65	85.10 -4.54 -28.87	86.37 -4.96 -31.87	100.68 -4.99 -39.96	106.65 -5.06 -38.80	100.00 -4.83 -41.71	91.31 -4.87 -39.27	81.41 -4.46 -34.89	83.47 -4.52 -37.57	48.59 -4.27 -6.08	56.42 -5.83 0.00
STILLWATER___SOLAR 323814	62.20 2.64 0.00	52.22 2.13 0.00	51.94 2.07 0.00	50.77 1.97 0.00	52.54 2.04 0.00	85.03 3.79 0.00	80.32 4.23 0.00	96.73 5.96 0.00	70.71 4.49 0.00	78.65 4.86 0.00	60.69 3.41 0.00	58.81 3.55 0.00	72.60 4.11 0.00	71.10 3.85 0.00	64.41 3.63 0.00	63.04 3.58 0.00	70.15 4.44 0.00	78.14 5.22 0.00	67.44 4.32 0.00	60.60 3.69 0.00	54.30 3.31 0.00	53.44 3.03 0.00	49.55 2.76 0.00	65.71 3.45 0.00
STONY___BROOK 24151	64.01 4.45 0.00	53.60 3.51 0.00	52.92 3.06 0.00	51.67 2.87 0.00	53.58 3.07 0.00	86.57 5.32 0.00	81.29 5.20 0.00	98.83 8.12 0.07	71.94 5.72 0.00	80.10 6.36 0.05	62.99 4.71 -1.01	59.98 4.71 0.00	74.31 5.82 0.00	72.97 5.76 0.05	65.88 5.11 0.01	64.38 4.92 0.00	72.22 6.20 -0.31	80.22 7.30 0.00	69.07 5.99 0.04	61.93 5.05 0.03	55.67 4.69 0.01	55.14 4.73 0.00	51.02 4.24 0.00	67.48 5.22 0.00
STURGEON_POOL_HYD 23609	63.53 3.97 0.00	53.30 3.21 0.00	52.84 2.97 0.00	51.60 2.80 0.00	53.50 2.99 0.00	86.28 5.03 0.00	81.25 5.16 0.00	98.37 7.66 0.07	71.88 5.67 0.00	80.07 6.33 0.05	61.77 4.49 0.00	59.78 4.52 0.00	74.04 5.55 0.00	72.71 5.51 0.05	65.68 4.91 0.01	64.42 4.96 0.00	71.63 6.13 0.22	80.21 7.29 0.00	69.14 6.02 0.00	61.97 5.06 0.00	55.59 4.60 0.00	54.75 4.34 0.00	50.72 3.94 0.00	67.21 4.96 0.00
ST_LAW_115_BK7_LBMP 345037	59.75 0.20 0.00	50.32 0.23 0.00	50.20 0.33 0.00	49.13 0.33 0.00	50.75 0.24 0.00	81.57 0.32 0.00	76.30 0.21 0.00	90.28 -0.50 0.00	65.88 -0.33 0.00	73.52 -0.27 0.00	57.50 0.23 0.00	55.41 0.15 0.00	68.80 0.31 0.00	67.46 0.21 0.00	60.88 0.10 0.00	59.37 -0.09 0.00	65.07 -0.65 0.00	71.77 -1.14 0.00	62.41 -0.71 0.00	56.49 -0.42 0.00	50.47 -0.52 0.00	41.17 -0.50 8.74	44.60 -0.48 1.70	57.25 -0.50 4.51

ST_LAW_115_BK8_LBMP 345038	59.75 0.20 0.00	50.32 0.23 0.00	50.20 0.33 0.00	49.13 0.33 0.00	50.75 0.24 0.00	81.57 0.32 0.00	76.30 0.21 0.00	90.28 -0.50 0.00	65.88 -0.33 0.00	73.52 -0.27 0.00	57.50 0.23 0.00	55.41 0.15 0.00	68.80 0.31 0.00	67.46 0.21 0.00	60.88 0.10 0.00	59.37 -0.09 0.00	65.07 -0.65 0.00	71.77 -1.14 0.00	62.41 -0.71 0.00	56.49 -0.42 0.00	50.47 -0.52 0.00	41.17 -0.50 8.74	44.60 -0.48 1.70	57.25 -0.50 4.51
ST_LAW_230_BK5_LBMP 345035	59.75 0.19 0.00	50.31 0.23 0.00	50.18 0.32 0.00	49.11 0.32 0.00	50.74 0.23 0.00	81.56 0.32 0.00	76.27 0.18 0.00	90.26 -0.51 0.00	65.88 -0.34 0.00	73.52 -0.27 0.00	57.51 0.24 0.00	55.42 0.16 0.00	68.80 0.31 0.00	67.46 0.21 0.00	60.88 0.10 0.00	59.37 -0.09 0.00	65.07 -0.65 0.00	71.77 -1.14 0.00	62.41 -0.71 0.00	56.48 -0.43 0.00	50.47 -0.52 0.00	41.17 -0.50 8.74	44.59 -0.50 1.70	57.25 -0.50 4.51
ST_LAW_230_BK6_LBMP 345036	59.75 0.19 0.00	50.31 0.23 0.00	50.18 0.32 0.00	49.11 0.32 0.00	50.74 0.23 0.00	81.56 0.32 0.00	76.27 0.18 0.00	90.26 -0.51 0.00	65.88 -0.34 0.00	73.52 -0.27 0.00	57.51 0.24 0.00	55.42 0.16 0.00	68.80 0.31 0.00	67.46 0.21 0.00	60.88 0.10 0.00	59.37 -0.09 0.00	65.07 -0.65 0.00	71.77 -1.14 0.00	62.41 -0.71 0.00	56.48 -0.43 0.00	50.47 -0.52 0.00	41.17 -0.50 8.74	44.59 -0.50 1.70	57.25 -0.50 4.51
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	61.70 2.14 0.00	51.79 1.70 0.00	51.38 1.51 0.00	50.17 1.37 0.00	52.01 1.51 0.00	83.89 2.65 0.00	78.75 2.66 0.00	95.09 4.39 0.07	69.30 3.08 0.00	77.15 3.41 0.06	59.55 2.28 0.00	57.67 2.40 0.00	71.40 2.91 0.00	70.14 2.93 0.05	63.37 2.60 0.01	62.14 2.67 0.00	69.05 3.56 0.23	77.31 4.40 0.00	66.62 3.54 0.05	59.78 2.89 0.03	53.69 2.71 0.01	52.93 2.52 0.00	49.16 2.37 0.00	65.30 3.04 0.00
SWANROAD_115KV_TB1 355699	54.57 -4.99 0.00	46.05 -4.05 0.00	45.65 -4.22 0.00	44.86 -3.94 0.00	46.29 -4.22 0.00	74.07 -7.18 0.00	68.75 -7.34 0.00	77.32 -10.55 2.90	59.13 -7.09 0.00	63.08 -8.58 2.14	50.95 -6.33 0.00	48.42 -6.84 0.00	59.88 -8.61 0.00	48.95 -8.13 10.18	43.02 -7.12 10.64	41.29 -6.81 11.37	33.10 -8.22 24.40	51.63 -7.46 13.83	39.28 -6.83 17.02	35.41 -6.18 15.32	32.65 -5.65 12.68	31.58 -5.45 13.38	39.51 -5.11 2.17	55.69 -6.57 0.00
SYNERGY___BIOGAS 323694	57.32 -2.24 0.00	48.28 -1.82 0.00	47.89 -1.98 0.00	47.03 -1.77 0.00	48.60 -1.90 0.00	78.13 -3.12 0.00	73.11 -2.98 0.00	84.74 -4.45 1.59	63.51 -2.70 0.00	68.95 -3.72 1.12	54.46 -2.82 0.00	51.69 -3.58 0.00	63.84 -4.65 0.00	56.44 -4.44 6.38	50.27 -3.64 6.87	48.82 -3.26 7.38	47.06 -3.94 14.72	61.14 -2.79 8.97	49.61 -2.71 10.81	44.49 -2.63 9.80	40.24 -2.54 8.20	39.30 -2.43 8.68	43.04 -2.34 1.41	59.12 -3.13 0.00
SYRACUSE___ENERGY_ST1 323597	58.56 -1.00 0.00	49.20 -0.89 0.00	48.95 -0.92 0.00	47.93 -0.87 0.00	49.65 -0.86 0.00	79.99 -1.26 0.00	75.12 -0.97 0.00	89.88 -0.90 0.00	66.36 0.14 0.00	72.71 -1.08 0.00	56.17 -1.10 0.00	54.11 -1.15 0.00	67.03 -1.46 0.00	65.80 -1.45 0.00	59.58 -1.20 0.00	58.38 -1.08 0.00	64.73 -0.98 0.00	72.14 -0.78 0.00	62.30 -0.82 0.00	56.07 -0.84 0.00	50.18 -0.81 0.00	49.59 -0.82 0.00	45.98 -0.82 0.00	61.03 -1.23 0.00
SYRACUSE___ENERGY_ST2 323598	58.56 -1.00 0.00	49.20 -0.89 0.00	48.95 -0.92 0.00	47.93 -0.87 0.00	49.65 -0.86 0.00	79.99 -1.26 0.00	75.12 -0.97 0.00	89.88 -0.90 0.00	66.36 0.14 0.00	72.71 -1.08 0.00	56.17 -1.10 0.00	54.11 -1.15 0.00	67.03 -1.46 0.00	65.80 -1.45 0.00	59.58 -1.20 0.00	58.38 -1.08 0.00	64.73 -0.98 0.00	72.14 -0.78 0.00	62.30 -0.82 0.00	56.07 -0.84 0.00	50.18 -0.81 0.00	49.59 -0.82 0.00	45.98 -0.82 0.00	61.03 -1.23 0.00
SYRACUSE___POWER 24017	58.51 -1.05 0.00	49.17 -0.92 0.00	48.92 -0.94 0.00	47.88 -0.91 0.00	49.63 -0.87 0.00	79.97 -1.27 0.00	75.06 -1.03 0.00	89.80 -0.98 0.00	65.86 -0.36 0.00	72.91 -0.88 0.00	56.38 -0.90 0.00	54.28 -0.98 0.00	67.23 -1.26 0.00	65.99 -1.26 0.00	59.73 -1.05 0.00	58.54 -0.92 0.00	64.90 -0.82 0.00	72.33 -0.59 0.00	62.50 -0.62 0.00	56.20 -0.71 0.00	50.32 -0.66 0.00	49.72 -0.69 0.00	46.10 -0.69 0.00	61.23 -1.02 0.00
TALLMAN___138KV_BK151 55660	61.79 2.23 0.00	51.85 1.76 0.00	51.41 1.55 0.00	50.20 1.41 0.00	52.07 1.56 0.00	83.96 2.72 0.00	78.82 2.73 0.00	95.30 4.59 0.07	69.40 3.19 0.00	77.24 3.50 0.05	59.60 2.33 0.00	57.72 2.46 0.00	71.49 3.00 0.00	70.24 3.04 0.05	63.44 2.67 0.01	62.22 2.76 0.00	69.18 3.69 0.23	77.50 4.59 0.00	66.76 3.69 0.05	59.90 3.01 0.03	53.82 2.83 0.01	53.06 2.65 0.00	49.29 2.50 0.00	65.46 3.20 0.00
TEALLAVE_115KV_TB7 355573	58.11 -1.44 0.00	48.85 -1.24 0.00	48.60 -1.26 0.00	47.58 -1.21 0.00	49.30 -1.20 0.00	79.43 -1.82 0.00	74.55 -1.54 0.00	89.14 -1.63 0.00	65.30 -0.92 0.00	72.40 -1.39 0.00	56.01 -1.26 0.00	53.93 -1.34 0.00	66.80 -1.69 0.00	65.54 -1.71 0.00	59.34 -1.44 0.00	58.15 -1.32 0.00	64.46 -1.26 0.00	71.81 -1.11 0.00	62.04 -1.08 0.00	55.79 -1.12 0.00	49.96 -1.02 0.00	49.39 -1.02 0.00	45.80 -0.99 0.00	60.84 -1.41 0.00
TELGRAPH_34_KV_EAST 80808	56.04 -3.52 0.00	47.22 -2.87 0.00	46.84 -3.03 0.00	46.02 -2.78 0.00	47.52 -2.98 0.00	76.23 -5.02 0.00	71.03 -5.06 0.00	81.48 -7.20 2.10	61.65 -4.57 0.00	66.57 -5.74 1.48	53.00 -4.27 0.00	50.38 -4.89 0.00	62.29 -6.20 0.00	53.32 -5.95 7.98	47.10 -5.16 8.52	45.42 -4.89 9.14	41.36 -5.73 18.63	56.85 -4.94 11.12	45.09 -4.57 13.47	40.51 -4.22 12.19	36.86 -3.96 10.17	35.82 -3.83 10.76	41.55 -3.50 1.74	57.71 -4.55 0.00
TEMPLE___115KV_TB 2 55572	58.15 -1.41 0.00	48.88 -1.21 0.00	48.63 -1.24 0.00	47.61 -1.19 0.00	49.33 -1.17 0.00	79.45 -1.79 0.00	74.57 -1.52 0.00	89.18 -1.59 0.00	65.33 -0.89 0.00	72.46 -1.34 0.00	56.05 -1.23 0.00	53.97 -1.30 0.00	66.84 -1.65 0.00	65.60 -1.65 0.00	59.37 -1.41 0.00	58.19 -1.27 0.00	64.49 -1.23 0.00	71.87 -1.05 0.00	62.09 -1.03 0.00	55.84 -1.07 0.00	49.99 -0.99 0.00	49.43 -0.98 0.00	45.84 -0.95 0.00	60.90 -1.35 0.00
TIANA____69_KV_BK 1 55817	64.66 5.10 0.00	54.20 4.11 0.00	53.52 3.65 0.00	52.23 3.44 0.00	54.12 3.62 0.00	87.46 6.22 0.00	82.17 6.08 0.00	99.93 9.23 0.07	72.61 6.39 0.00	80.77 7.03 0.05	63.11 4.82 -1.01	59.96 4.69 0.00	74.57 6.08 0.00	73.34 6.13 0.05	65.98 5.21 0.01	64.48 5.02 0.00	72.44 6.42 -0.30	80.42 7.50 0.00	69.18 6.10 0.04	62.01 5.13 0.03	55.69 4.71 0.01	55.11 4.70 0.00	50.93 4.15 0.00	67.28 5.03 0.00
TILDEN___115KV_TB1 80814	58.51 -1.05 0.00	49.17 -0.92 0.00	48.92 -0.94 0.00	47.88 -0.91 0.00	49.63 -0.87 0.00	79.97 -1.27 0.00	75.06 -1.03 0.00	89.80 -0.98 0.00	65.86 -0.36 0.00	72.91 -0.88 0.00	56.38 -0.90 0.00	54.28 -0.98 0.00	67.23 -1.26 0.00	65.99 -1.26 0.00	59.73 -1.05 0.00	58.54 -0.92 0.00	64.90 -0.82 0.00	72.33 -0.59 0.00	62.50 -0.62 0.00	56.20 -0.71 0.00	50.32 -0.66 0.00	49.72 -0.69 0.00	46.10 -0.69 0.00	61.23 -1.02 0.00

TRIGEN___CC 323695	62.86 3.30 0.00	52.74 2.65 0.00	52.19 2.32 0.00	50.98 2.19 0.00	52.88 2.38 0.00	85.28 4.03 0.00	80.15 4.06 0.00	97.16 6.45 0.07	70.73 4.51 0.00	78.74 5.00 0.05	61.34 3.69 -0.38	58.99 3.72 0.00	73.02 4.53 0.00	71.71 4.51 0.05	64.73 3.95 0.01	63.37 3.91 0.00	71.36 4.94 -0.70	78.82 5.91 0.00	67.86 4.78 0.04	60.92 4.03 0.03	54.82 3.84 0.01	54.17 3.76 0.00	50.26 3.47 0.00	66.68 4.43 0.00
TRINITY___115KV___4 BK 55933	61.60 2.04 0.00	51.74 1.65 0.00	51.45 1.59 0.00	50.31 1.52 0.00	52.06 1.56 0.00	83.87 2.62 0.00	78.23 2.14 0.00	93.97 3.19 0.00	68.67 2.45 0.00	76.45 2.66 0.00	59.07 1.79 0.00	57.14 1.87 0.00	70.74 2.25 0.00	69.45 2.20 0.00	62.85 2.07 0.00	61.59 2.13 0.00	68.37 2.65 0.00	76.08 3.17 0.00	65.68 2.55 0.00	59.03 2.13 0.00	52.97 1.98 0.00	52.29 1.89 0.00	48.82 2.04 0.00	64.83 2.58 0.00
UNION___PROCESSING_DRP 323587	57.18 -2.38 0.00	48.11 -1.98 0.00	47.76 -2.10 0.00	46.85 -1.95 0.00	48.46 -2.04 0.00	77.95 -3.29 0.00	72.99 -3.10 0.00	86.50 -4.38 -0.11	63.32 -2.89 0.00	70.10 -3.78 -0.08	54.42 -2.86 0.00	52.04 -3.23 0.00	64.43 -4.07 0.00	63.22 -4.10 -0.07	57.20 -3.59 -0.01	56.03 -3.43 0.00	62.31 -3.77 -0.36	69.66 -3.26 0.00	60.12 -3.08 -0.07	53.99 -2.97 -0.05	48.19 -2.81 -0.01	47.63 -2.77 0.00	44.38 -2.41 0.00	59.05 -3.20 0.00
UPPER HUDSON___HYD 24058	61.51 1.95 0.00	51.61 1.53 0.00	51.34 1.47 0.00	50.15 1.35 0.00	51.91 1.40 0.00	84.12 2.87 0.00	79.69 3.60 0.00	96.50 5.72 0.00	70.58 4.36 0.00	78.50 4.71 0.00	60.41 3.14 0.00	58.41 3.15 0.00	72.29 3.80 0.00	70.51 3.26 0.00	63.97 3.19 0.00	62.45 2.99 0.00	69.65 3.93 0.00	77.49 4.58 0.00	66.90 3.77 0.00	60.12 3.21 0.00	53.83 2.84 0.00	52.89 2.48 0.00	48.91 2.13 0.00	64.80 2.55 0.00
UPPER RAQUET___HYD 24056	59.02 -0.54 0.00	49.60 -0.49 0.00	49.58 -0.29 0.00	49.07 0.28 0.00	51.70 1.20 0.00	83.66 2.41 0.00	79.66 3.57 0.00	94.98 4.20 0.00	68.69 2.48 0.00	76.29 2.50 0.00	59.52 2.25 0.00	56.70 1.44 0.00	70.19 1.70 0.00	68.61 1.36 0.00	62.20 1.42 0.00	61.08 1.62 0.00	67.67 1.96 0.00	74.79 1.88 0.00	64.89 1.77 0.00	58.45 1.54 0.00	51.95 0.96 0.00	47.26 0.35 0.00	45.54 -0.57 0.68	107.61 -1.45 -46.80
VALLEY44_115KV_TB2 355964	57.11 -2.45 0.00	47.95 -2.15 0.00	47.55 -2.31 0.00	46.73 -2.07 0.00	48.49 -2.01 0.00	77.78 -3.46 0.00	72.05 -4.04 0.00	83.17 -5.13 2.47	62.30 -3.91 0.00	67.13 -4.86 1.81	53.80 -3.48 0.00	51.58 -3.68 0.00	63.98 -4.51 0.00	56.91 -3.92 6.42	50.82 -3.67 6.29	48.90 -3.92 6.64	44.21 -4.96 16.55	60.57 -4.27 8.07	48.62 -4.09 10.42	43.76 -3.92 9.23	39.77 -3.76 7.45	39.07 -3.54 7.80	42.37 -3.15 1.26	58.34 -3.91 0.00
VALLEY___115KV_TB 1-4 80826	59.87 0.31 0.00	50.30 0.21 0.00	50.10 0.23 0.00	49.01 0.21 0.00	50.83 0.32 0.00	81.87 0.63 0.00	76.66 0.57 0.00	92.34 1.57 0.00	67.45 1.23 0.00	75.16 1.37 0.00	57.88 0.60 0.00	55.80 0.54 0.00	69.25 0.77 0.00	68.20 0.95 0.00	61.56 0.78 0.00	60.35 0.89 0.00	66.83 1.11 0.00	74.16 1.24 0.00	63.99 0.86 0.00	57.49 0.58 0.00	51.57 0.58 0.00	51.34 0.46 -0.48	47.36 0.47 -0.09	62.64 0.39 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	62.30 2.74 0.00	52.31 2.22 0.00	52.13 2.26 0.00	50.96 2.16 0.00	52.84 2.33 0.00	85.08 3.84 0.00	79.89 3.80 0.00	95.54 4.97 0.21	69.90 3.68 0.00	77.58 3.94 0.15	60.04 2.76 0.00	57.96 2.70 0.00	71.80 3.31 0.00	70.31 3.20 0.13	63.71 2.96 0.02	62.38 2.92 0.00	68.59 3.51 0.64	76.72 3.81 0.00	66.39 3.40 0.14	59.73 2.91 0.09	53.58 2.61 0.02	52.79 2.38 0.00	48.91 2.12 0.00	64.99 2.73 0.00
VISCHER___FERRY HYD 24020	61.87 2.31 0.00	51.95 1.86 0.00	51.65 1.78 0.00	50.49 1.69 0.00	52.24 1.73 0.00	84.32 3.07 0.00	79.19 3.10 0.00	95.19 4.42 0.00	69.57 3.35 0.00	77.42 3.63 0.00	59.78 2.50 0.00	57.85 2.58 0.00	71.58 3.08 0.00	70.19 2.94 0.00	63.57 2.79 0.00	62.27 2.80 0.00	69.18 3.46 0.00	77.03 4.12 0.00	66.51 3.38 0.00	59.77 2.86 0.00	53.62 2.63 0.00	52.84 2.43 0.00	49.12 2.33 0.00	65.20 2.95 0.00
V_A_10_SYNC_DSASP 323832	55.71 -3.85 0.00	46.94 -3.15 0.00	46.58 -3.28 0.00	45.73 -3.07 0.00	47.24 -3.27 0.00	75.81 -5.44 0.00	70.60 -5.49 0.00	84.31 -7.81 -1.34	60.91 -5.31 0.00	68.22 -6.54 -0.97	52.47 -4.80 0.00	50.03 -5.24 0.00	61.95 -6.19 0.00	56.40 -6.44 4.41	48.69 -5.72 6.36	46.72 -5.60 7.14	53.37 -6.64 5.71	58.18 -6.05 8.68	48.95 -5.53 8.65	43.44 -5.11 8.36	38.56 -4.71 7.72	37.51 -4.50 8.40	41.43 -4.00 1.36	57.12 -5.14 0.00
V_CMM_10_SYNC_DSASP 323787	60.06 0.51 0.00	50.58 0.49 0.00	50.44 0.58 0.00	49.37 0.58 0.00	51.00 0.50 0.00	82.02 0.77 0.00	76.70 0.61 0.00	90.77 0.00 0.00	66.25 0.03 0.00	73.91 0.12 0.00	57.81 0.54 0.00	55.71 0.44 0.00	69.15 0.66 0.00	67.81 0.56 0.00	61.18 0.40 0.00	59.67 0.21 0.00	65.40 -0.32 0.00	72.15 -0.77 0.00	62.73 -0.39 0.00	56.77 -0.14 0.00	50.72 -0.26 0.00	41.42 -0.24 8.74	44.83 -0.26 1.70	57.56 -0.18 4.51
V_CMP_10_SYNC_DSASP 323788	61.08 1.52 0.00	51.35 1.26 0.00	51.40 1.54 0.00	50.21 1.41 0.00	51.79 1.28 0.00	83.15 1.90 0.00	78.00 1.90 0.00	92.20 1.42 0.00	67.20 0.99 0.00	75.26 1.47 0.00	58.90 1.62 0.00	56.95 1.69 0.00	70.94 2.45 0.00	69.38 2.13 0.00	62.82 2.04 0.00	61.03 1.57 0.00	66.28 0.56 0.00	72.45 -0.46 0.00	63.16 0.04 0.00	57.00 0.09 0.00	50.66 -0.33 0.00	41.39 -0.95 8.06	43.88 -1.33 1.58	-9.99 -2.18 70.06
V_D_10_SYNC_DSASP 323841	60.30 0.75 0.00	50.79 0.69 0.00	50.64 0.78 0.00	49.58 0.78 0.00	51.20 0.70 0.00	82.35 1.10 0.00	77.01 0.92 0.00	91.15 0.37 0.00	66.53 0.32 0.00	74.22 0.43 0.00	58.06 0.78 0.00	55.93 0.66 0.00	69.42 0.93 0.00	68.08 0.83 0.00	61.42 0.65 0.00	59.91 0.45 0.00	65.67 -0.05 0.00	72.46 -0.45 0.00	62.98 -0.14 0.00	57.01 0.10 0.00	50.92 -0.06 0.00	41.62 -0.04 8.74	45.01 -0.08 1.70	57.82 0.07 4.51
V_E_10_SYNC_DSASP 323830	62.21 2.65 0.00	52.20 2.11 0.00	52.02 2.15 0.00	50.79 1.99 0.00	52.78 2.28 0.00	85.48 4.23 0.00	81.41 5.32 0.00	103.66 13.18 0.30	74.16 7.94 0.00	81.72 8.15 0.22	63.09 5.82 0.00	60.90 5.63 0.00	75.12 6.63 0.00	73.67 6.61 0.19	67.32 6.57 0.03	66.36 6.90 0.00	72.67 7.87 0.92	77.77 4.86 0.00	67.28 4.33 0.17	60.24 3.44 0.11	53.85 2.88 0.02	52.88 2.47 0.00	48.67 1.88 0.00	64.49 2.24 0.00
V_F_30_NSYNC___DSASP 323816	62.26 2.70 0.00	52.27 2.18 0.00	51.99 2.12 0.00	50.82 2.03 0.00	52.61 2.10 0.00	85.16 3.91 0.00	80.52 4.43 0.00	96.95 6.17 0.00	70.86 4.64 0.00	78.82 5.03 0.00	60.85 3.58 0.00	58.97 3.71 0.00	72.76 4.27 0.00	71.25 4.00 0.00	64.56 3.78 0.00	63.17 3.71 0.00	70.30 4.58 0.00	78.30 5.39 0.00	67.58 4.46 0.00	60.72 3.81 0.00	54.42 3.43 0.00	53.54 3.14 0.00	49.64 2.85 0.00	65.83 3.58 0.00



V_F_30_SYNC_DSASP 323786	61.78 2.22 0.00	51.89 1.80 0.00	51.59 1.72 0.00	50.46 1.66 0.00	52.23 1.72 0.00	84.11 2.86 0.00	78.52 2.43 0.00	94.30 3.53 0.00	68.92 2.70 0.00	76.74 2.96 0.00	59.30 2.03 0.00	57.36 2.09 0.00	71.01 2.52 0.00	69.72 2.46 0.00	63.09 2.31 0.00	61.82 2.36 0.00	68.64 2.92 0.00	76.40 3.49 0.00	65.94 2.82 0.00	59.26 2.35 0.00	53.13 2.15 0.00	52.48 2.08 0.00	48.97 2.19 0.00	65.00 2.74 0.00
V_XM_10_SYNC_DSASP 323789	61.08 1.52 0.00	51.35 1.26 0.00	51.40 1.54 0.00	50.21 1.41 0.00	51.79 1.28 0.00	83.15 1.90 0.00	78.00 1.90 0.00	92.20 1.42 0.00	67.20 0.99 0.00	75.26 1.47 0.00	58.90 1.62 0.00	56.95 1.69 0.00	70.94 2.45 0.00	69.38 2.13 0.00	62.82 2.04 0.00	61.03 1.57 0.00	66.28 0.56 0.00	72.45 -0.46 0.00	63.16 0.04 0.00	57.00 0.09 0.00	50.66 -0.33 0.00	41.39 -0.95 8.06	43.88 -1.33 1.58	-9.99 -2.18 70.06
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	61.95 2.39 0.00	51.99 1.90 0.00	51.55 1.69 0.00	50.34 1.55 0.00	52.20 1.69 0.00	84.17 2.93 0.00	79.05 2.97 0.00	95.59 4.89 0.07	69.64 3.42 0.00	77.52 3.78 0.05	59.81 2.54 0.00	57.93 2.66 0.00	71.73 3.24 0.00	70.48 3.28 0.05	63.67 2.90 0.01	62.44 2.97 0.00	69.43 3.93 0.22	77.75 4.84 0.00	67.00 3.92 0.05	60.11 3.23 0.03	54.01 3.02 0.01	53.23 2.82 0.00	49.44 2.66 0.00	65.64 3.39 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	62.34 2.78 0.00	52.36 2.27 0.00	51.91 2.04 0.00	50.69 1.89 0.00	52.52 2.02 0.00	84.61 3.37 0.00	79.53 3.44 0.00	96.25 5.54 0.07	70.23 4.01 0.00	78.24 4.50 0.05	60.37 3.10 0.00	58.50 3.24 0.00	72.43 3.94 0.00	71.17 3.96 0.05	64.28 3.51 0.01	63.02 3.56 0.00	70.03 4.53 0.22	78.42 5.51 0.00	67.48 4.40 0.04	60.51 3.63 0.03	54.41 3.43 0.01	53.66 3.25 0.00	49.86 3.07 0.00	66.18 3.92 0.00
W50THST__13_KV_LOAD 356117	62.61 3.05 0.00	52.57 2.47 0.00	52.12 2.26 0.00	50.89 2.09 0.00	52.74 2.24 0.00	84.95 3.70 0.00	79.90 3.81 0.00	96.72 6.02 0.07	70.63 4.41 0.00	78.70 4.96 0.05	60.75 3.48 0.00	58.87 3.61 0.00	72.89 4.40 0.00	71.60 4.40 0.05	64.68 3.90 0.01	63.41 3.95 0.00	70.45 4.95 0.22	78.88 5.96 0.00	67.86 4.78 0.04	60.81 3.93 0.03	54.68 3.70 0.01	53.92 3.51 0.00	50.09 3.31 0.00	66.48 4.22 0.00
WADING RIVER_IC_1 23522	64.38 4.82 0.00	53.95 3.86 0.00	53.27 3.41 0.00	52.00 3.20 0.00	53.92 3.41 0.00	87.11 5.87 0.00	81.80 5.71 0.00	99.46 8.76 0.07	72.28 6.06 0.00	80.39 6.65 0.05	62.58 4.29 -1.01	59.45 4.19 0.00	74.10 5.61 0.00	73.05 5.85 0.05	65.82 5.05 0.01	64.41 4.95 0.00	72.37 6.35 -0.30	80.34 7.43 0.00	69.13 6.05 0.04	61.96 5.08 0.03	55.67 4.69 0.01	55.10 4.69 0.00	50.95 4.16 0.00	67.34 5.09 0.00
WADING RIVER_IC_2 23547	64.38 4.82 0.00	53.95 3.86 0.00	53.27 3.41 0.00	52.00 3.20 0.00	53.92 3.41 0.00	87.11 5.87 0.00	81.80 5.71 0.00	99.46 8.76 0.07	72.28 6.06 0.00	80.39 6.65 0.05	62.58 4.29 -1.01	59.45 4.19 0.00	74.10 5.61 0.00	73.05 5.85 0.05	65.82 5.05 0.01	64.41 4.95 0.00	72.37 6.35 -0.30	80.34 7.43 0.00	69.13 6.05 0.04	61.96 5.08 0.03	55.67 4.69 0.01	55.10 4.69 0.00	50.95 4.16 0.00	67.34 5.09 0.00
WADING RIVER_IC_3 23601	64.38 4.82 0.00	53.95 3.86 0.00	53.27 3.41 0.00	52.00 3.20 0.00	53.92 3.41 0.00	87.11 5.87 0.00	81.80 5.71 0.00	99.46 8.76 0.07	72.28 6.06 0.00	80.39 6.65 0.05	62.58 4.29 -1.01	59.45 4.19 0.00	74.10 5.61 0.00	73.05 5.85 0.05	65.82 5.05 0.01	64.41 4.95 0.00	72.37 6.35 -0.30	80.34 7.43 0.00	69.13 6.05 0.04	61.96 5.08 0.03	55.67 4.69 0.01	55.10 4.69 0.00	50.95 4.16 0.00	67.34 5.09 0.00
WALDENNY_12_KV_BK2 80841	56.26 -3.31 0.00	47.40 -2.70 0.00	47.04 -2.83 0.00	46.20 -2.59 0.00	47.76 -2.75 0.00	76.60 -4.65 0.00	71.36 -4.73 0.00	80.86 -6.99 2.93	61.58 -4.64 0.00	65.89 -5.77 2.14	52.98 -4.29 0.00	50.42 -4.84 0.00	62.42 -6.07 0.00	48.93 -5.93 12.39	42.11 -5.28 13.39	39.93 -5.14 14.39	31.24 -5.96 28.52	50.12 -5.28 17.51	37.04 -5.04 21.04	33.10 -4.72 19.08	30.56 -4.43 16.00	29.18 -4.28 16.94	40.17 -3.88 2.74	57.31 -4.95 0.00
WALDEN__HYDRO 24148	62.32 2.76 0.00	52.30 2.21 0.00	51.87 2.01 0.00	50.66 1.86 0.00	52.51 2.00 0.00	84.70 3.45 0.00	79.58 3.49 0.00	96.13 5.42 0.07	70.13 3.91 0.00	78.08 4.35 0.05	60.27 3.00 0.00	58.33 3.06 0.00	72.22 3.73 0.00	70.95 3.75 0.05	64.11 3.33 0.01	62.86 3.40 0.00	69.85 4.36 0.23	78.22 5.31 0.00	67.41 4.33 0.05	60.47 3.59 0.03	54.30 3.31 0.01	53.53 3.12 0.00	49.67 2.88 0.00	65.94 3.68 0.00
WARRENSBURG____ 23737	61.51 1.95 0.00	51.61 1.53 0.00	51.34 1.47 0.00	50.15 1.35 0.00	51.91 1.40 0.00	84.12 2.87 0.00	79.69 3.60 0.00	96.50 5.72 0.00	70.58 4.36 0.00	78.50 4.71 0.00	60.41 3.14 0.00	58.41 3.15 0.00	72.29 3.80 0.00	70.51 3.26 0.00	63.97 3.19 0.00	62.45 2.99 0.00	69.65 3.93 0.00	77.49 4.58 0.00	66.90 3.77 0.00	60.12 3.21 0.00	53.83 2.84 0.00	52.89 2.48 0.00	48.91 2.13 0.00	64.80 2.55 0.00
WATERSIDE____6 8 9 23538	62.29 2.73 0.00	52.32 2.23 0.00	51.88 2.01 0.00	50.64 1.85 0.00	52.47 1.96 0.00	84.51 3.26 0.00	79.47 3.38 0.00	96.13 5.42 0.07	70.14 3.92 0.00	78.11 4.37 0.05	60.27 2.99 0.00	58.41 3.14 0.00	72.31 3.82 0.00	71.05 3.84 0.05	64.17 3.40 0.01	62.91 3.44 0.00	69.90 4.40 0.22	78.27 5.36 0.00	67.38 4.30 0.04	60.45 3.56 0.03	54.36 3.38 0.01	53.60 3.20 0.00	49.82 3.03 0.00	66.16 3.91 0.00
WATKINRD_115KV_LN8_ILLION 55919	59.96 0.41 0.00	50.36 0.27 0.00	50.13 0.26 0.00	49.02 0.23 0.00	50.80 0.29 0.00	81.84 0.59 0.00	76.69 0.60 0.00	92.16 1.38 0.00	67.29 1.07 0.00	74.98 1.19 0.00	57.89 0.62 0.00	55.83 0.57 0.00	69.19 0.70 0.00	68.02 0.77 0.00	61.47 0.69 0.00	60.31 0.85 0.00	66.85 1.13 0.00	74.26 1.35 0.00	64.15 1.03 0.00	57.69 0.78 0.00	51.72 0.74 0.00	51.53 0.64 -0.48	47.51 0.62 -0.09	62.90 0.65 0.00
WATSON__69_KV_BK 1 55734	64.39 4.83 0.00	53.93 3.84 0.00	53.24 3.38 0.00	51.99 3.20 0.00	53.93 3.42 0.00	87.12 5.87 0.00	81.79 5.70 0.00	99.46 8.76 0.07	72.44 6.22 0.00	80.72 6.98 0.05	63.50 5.25 -0.98	60.49 5.22 0.00	74.87 6.38 0.00	73.54 6.34 0.05	66.42 5.65 0.01	64.91 5.45 0.00	72.76 6.72 -0.32	80.79 7.87 0.00	69.55 6.47 0.04	62.43 5.55 0.03	56.13 5.14 0.01	55.55 5.14 0.00	51.38 4.59 0.00	67.99 5.73 0.00
WDELAWARE__HYD 323627	62.05 2.49 0.00	52.05 1.97 0.00	51.67 1.81 0.00	50.47 1.67 0.00	52.33 1.83 0.00	84.46 3.21 0.00	79.43 3.34 0.00	95.98 5.29 0.09	70.13 3.91 0.00	78.10 4.38 0.06	60.28 3.00 0.00	58.31 3.05 0.00	72.25 3.76 0.00	70.91 3.71 0.06	64.06 3.29 0.01	62.83 3.37 0.00	69.82 4.37 0.27	78.21 5.30 0.00	67.34 4.26 0.05	60.39 3.51 0.03	54.17 3.19 0.01	53.34 2.93 0.00	49.42 2.64 0.00	65.52 3.27 0.00

WEST BABYLON___IC 23714	64.09 4.53 0.00	53.69 3.60 0.00	53.04 3.17 0.00	51.78 2.99 0.00	53.72 3.21 0.00	86.71 5.47 0.00	81.44 5.35 0.00	99.06 8.35 0.07	72.12 5.90 0.00	80.33 6.59 0.05	63.18 4.99 -0.92	60.22 4.95 0.00	74.52 6.03 0.00	73.21 6.00 0.05	66.10 5.33 0.01	64.63 5.16 0.00	72.48 6.41 -0.36	80.47 7.55 0.00	69.27 6.19 0.04	62.20 5.31 0.03	55.92 4.94 0.01	55.31 4.90 0.00	51.19 4.40 0.00	67.77 5.52 0.00
WEST CANADA___HYD 24049	59.66 0.10 0.00	50.15 0.05 0.00	49.92 0.06 0.00	48.85 0.06 0.00	50.60 0.09 0.00	81.43 0.18 0.00	76.25 0.16 0.00	91.17 0.39 0.00	66.50 0.28 0.00	74.16 0.37 0.00	57.45 0.17 0.00	55.43 0.17 0.00	68.67 0.18 0.00	67.45 0.19 0.00	60.96 0.18 0.00	59.70 0.24 0.00	66.05 0.33 0.00	73.32 0.40 0.00	63.41 0.29 0.00	57.08 0.17 0.00	51.18 0.19 0.00	51.09 0.20 -0.48	47.07 0.19 -0.09	62.47 0.22 0.00
WESTERN_NY_WIND 24143	57.23 -2.32 0.00	48.20 -1.89 0.00	47.81 -2.05 0.00	46.96 -1.84 0.00	48.54 -1.96 0.00	78.01 -3.24 0.00	72.96 -3.13 0.00	84.38 -4.65 1.75	63.39 -2.83 0.00	68.77 -3.79 1.23	54.36 -2.91 0.00	51.58 -3.68 0.00	63.72 -4.77 0.00	55.79 -4.58 6.88	49.60 -3.79 7.39	48.08 -3.44 7.94	45.82 -3.95 15.94	60.33 -2.94 9.65	48.60 -2.88 11.64	43.61 -2.76 10.54	39.47 -2.69 8.82	38.43 -2.64 9.33	42.85 -2.43 1.51	59.04 -3.21 0.00
WESTOVER___LESR 323668	58.91 -0.65 0.00	49.48 -0.62 0.00	49.25 -0.61 0.00	48.18 -0.62 0.00	50.02 -0.49 0.00	80.68 -0.57 0.00	75.43 -0.66 0.00	90.12 -0.18 0.48	66.18 -0.04 0.00	73.24 -0.19 0.36	56.84 -0.43 0.00	54.86 -0.40 0.00	67.97 -0.53 0.00	67.89 -0.55 -1.20	62.09 -0.50 -1.81	61.03 -0.48 -2.05	66.69 -0.34 -1.31	75.52 0.09 -2.51	65.46 -0.11 -2.44	58.96 -0.33 -2.38	52.87 -0.34 -2.23	52.43 -0.41 -2.43	46.72 -0.46 -0.39	61.61 -0.65 0.00
WETHRSFD_WT_PWR 323626	55.58 -3.98 0.00	46.79 -3.31 0.00	46.57 -3.29 0.00	45.73 -3.06 0.00	47.33 -3.18 0.00	76.28 -4.96 0.00	71.25 -4.84 0.00	81.87 -6.59 2.32	61.71 -4.50 0.00	66.51 -5.59 1.69	52.56 -4.71 0.00	50.12 -5.14 0.00	62.14 -6.35 0.00	24.92 -6.38 35.95	11.99 -5.78 43.01	6.57 -5.85 47.04	-12.11 -6.64 71.18	9.25 -6.44 57.23	-6.87 -5.89 64.11	-8.23 -5.62 59.52	-5.91 -5.15 51.75	-10.05 -5.05 55.41	33.11 -4.71 8.96	56.15 -6.10 0.00
WHAVSTOR_138KV_BK127 55557	61.72 2.17 0.00	51.80 1.71 0.00	51.37 1.51 0.00	50.15 1.36 0.00	52.01 1.50 0.00	83.85 2.60 0.00	78.74 2.65 0.00	95.16 4.46 0.07	69.32 3.10 0.00	77.16 3.43 0.05	59.53 2.26 0.00	57.67 2.40 0.00	71.40 2.91 0.00	70.16 2.96 0.05	63.37 2.60 0.01	62.14 2.68 0.00	69.10 3.61 0.22	77.38 4.47 0.00	66.66 3.58 0.05	59.82 2.93 0.03	53.75 2.77 0.01	53.00 2.59 0.00	49.24 2.45 0.00	65.39 3.14 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	61.72 2.17 0.00	51.80 1.71 0.00	51.37 1.51 0.00	50.15 1.36 0.00	52.01 1.50 0.00	83.85 2.60 0.00	78.74 2.65 0.00	95.16 4.46 0.07	69.32 3.10 0.00	77.16 3.43 0.05	59.53 2.26 0.00	57.67 2.40 0.00	71.40 2.91 0.00	70.16 2.96 0.05	63.37 2.60 0.01	62.14 2.68 0.00	69.10 3.61 0.22	77.38 4.47 0.00	66.66 3.58 0.05	59.82 2.93 0.03	53.75 2.77 0.01	53.00 2.59 0.00	49.24 2.45 0.00	65.39 3.14 0.00
WHITEHAL_115KV_TB1 80871	63.13 3.57 0.00	52.88 2.78 0.00	52.63 2.76 0.00	51.37 2.57 0.00	53.06 2.56 0.00	86.29 5.05 0.00	82.01 5.92 0.00	99.10 8.32 0.00	72.56 6.34 0.00	80.53 6.74 0.00	61.41 4.14 0.00	59.60 4.33 0.00	74.09 5.60 0.00	72.50 5.25 0.00	66.18 5.40 0.00	64.03 4.57 0.00	71.30 5.58 0.00	79.25 6.34 0.00	68.48 5.36 0.00	61.67 4.76 0.00	55.29 4.30 0.00	54.23 3.82 0.00	50.09 3.31 0.00	66.43 4.18 0.00
WHITEPLN_13_KV_LOAD 356215	62.79 3.23 0.00	52.69 2.60 0.00	52.24 2.37 0.00	51.00 2.21 0.00	52.86 2.36 0.00	85.26 4.02 0.00	80.14 4.05 0.00	96.95 6.24 0.07	70.74 4.52 0.00	78.77 5.04 0.05	60.79 3.52 0.00	58.86 3.60 0.00	72.90 4.41 0.00	71.60 4.40 0.05	64.69 3.92 0.01	63.42 3.96 0.00	70.49 4.99 0.22	78.99 6.08 0.00	68.01 4.93 0.04	60.97 4.09 0.03	54.76 3.78 0.01	53.98 3.57 0.00	50.12 3.33 0.00	66.48 4.23 0.00
WM_FLOYD_69_KV_BK2 356380	64.22 4.66 0.00	53.79 3.70 0.00	53.11 3.25 0.00	51.85 3.05 0.00	53.76 3.26 0.00	86.86 5.61 0.00	81.57 5.48 0.00	99.19 8.48 0.07	72.13 5.91 0.00	80.26 6.53 0.05	62.81 4.53 -1.01	59.76 4.49 0.00	74.25 5.76 0.00	73.04 5.83 0.05	65.86 5.08 0.01	64.42 4.96 0.00	72.28 6.25 -0.30	80.27 7.36 0.00	69.08 5.99 0.04	61.95 5.06 0.03	55.68 4.70 0.01	55.14 4.73 0.00	50.99 4.20 0.00	67.42 5.17 0.00
WOODARD___115KV_TB2 355635	58.06 -1.49 0.00	48.80 -1.29 0.00	48.56 -1.30 0.00	47.55 -1.25 0.00	49.25 -1.25 0.00	79.32 -1.93 0.00	74.46 -1.63 0.00	89.04 -1.73 0.00	65.29 -0.93 0.00	72.21 -1.58 0.00	55.89 -1.38 0.00	53.84 -1.43 0.00	66.68 -1.81 0.00	65.43 -1.82 0.00	59.22 -1.56 0.00	58.03 -1.43 0.00	64.33 -1.39 0.00	71.65 -1.26 0.00	61.93 -1.20 0.00	55.70 -1.21 0.00	49.88 -1.11 0.00	49.29 -1.12 0.00	45.72 -1.07 0.00	60.72 -1.54 0.00
YORK___WARBASSE 23770	62.45 2.89 0.00	52.51 2.42 0.00	52.07 2.21 0.00	50.87 2.07 0.00	52.65 2.14 0.00	84.76 3.51 0.00	79.67 3.58 0.00	96.30 5.60 0.07	70.21 3.99 0.00	78.19 4.45 0.05	60.28 3.00 0.00	58.45 3.19 0.00	72.34 3.85 0.00	71.10 3.89 0.05	64.20 3.43 0.01	62.94 3.48 0.00	69.98 4.47 0.22	78.40 5.48 0.00	67.52 4.43 0.04	60.59 3.71 0.03	54.52 3.54 0.01	53.80 3.39 0.00	50.03 3.25 0.00	66.48 4.23 0.00