

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/05/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	38.17	40.43	36.79	35.35	33.50	45.92	82.74	65.86	65.93	54.03	57.88	40.75	45.94	48.89	52.61	56.14	54.36	77.66	57.50	70.25	52.78	61.69	38.53	38.14
24138	2.11	2.11	1.80	1.74	1.67	2.67	4.23	3.45	3.13	2.58	2.32	2.14	2.55	2.98	3.12	3.05	3.25	4.58	3.29	3.75	3.04	3.60	2.27	2.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	38.18	40.44	36.80	35.37	33.52	45.92	82.81	65.94	65.99	54.05	57.86	40.72	45.89	48.83	52.55	56.13	54.36	77.66	57.53	70.33	52.82	61.74	38.54	38.13
24260	2.12	2.13	1.81	1.75	1.69	2.67	4.30	3.53	3.19	2.59	2.33	2.11	2.50	2.92	3.06	3.03	3.24	4.58	3.32	3.83	3.08	3.64	2.27	2.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	38.18	40.44	36.80	35.37	33.52	45.92	82.81	65.94	65.99	54.05	57.86	40.72	45.89	48.83	52.55	56.13	54.36	77.66	57.53	70.33	52.82	61.74	38.54	38.13
24261	2.12	2.13	1.81	1.75	1.69	2.67	4.30	3.53	3.19	2.59	2.33	2.11	2.50	2.92	3.06	3.03	3.24	4.58	3.32	3.83	3.08	3.64	2.27	2.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	37.23	39.71	36.42	34.97	33.31	45.30	82.11	65.21	65.34	53.84	48.31	40.38	45.29	47.80	52.09	55.77	53.81	76.20	57.13	69.85	52.42	60.83	37.89	37.68
24011	1.17	1.39	1.43	1.35	1.48	2.05	3.60	2.80	2.54	2.39	2.20	1.76	1.90	1.89	2.60	2.67	2.70	3.13	2.93	3.35	2.68	2.73	1.63	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.32	39.83	36.60	35.14	33.53	45.56	82.66	65.62	65.66	54.20	48.69	40.65	45.56	48.04	52.48	56.18	54.28	76.64	57.65	70.45	52.87	61.22	38.10	37.90
23798	1.26	1.52	1.61	1.52	1.70	2.31	4.15	3.22	2.86	2.75	2.57	2.04	2.18	2.13	2.99	3.08	3.17	3.56	3.44	3.94	3.13	3.12	1.83	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.23	39.71	36.42	34.97	33.31	45.30	82.11	65.21	65.34	53.84	48.31	40.38	45.29	47.80	52.09	55.77	53.81	76.20	57.13	69.85	52.42	60.83	37.89	37.68
24028	1.17	1.39	1.43	1.35	1.48	2.05	3.60	2.80	2.54	2.39	2.20	1.76	1.90	1.89	2.60	2.67	2.70	3.13	2.93	3.35	2.68	2.73	1.63	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.87	39.34	36.10	34.65	33.09	44.84	80.57	63.86	63.96	52.83	47.55	39.91	44.65	46.95	51.24	54.92	52.88	74.72	56.25	68.87	51.79	60.22	37.55	37.38
23527	0.81	1.02	1.10	1.03	1.26	1.59	2.06	1.46	1.16	1.37	1.43	1.29	1.27	1.03	1.75	1.82	1.77	1.64	2.04	2.36	2.05	2.12	1.29	1.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.26	38.60	35.34	33.97	32.18	43.77	79.04	62.77	63.07	51.88	46.54	39.02	43.74	46.24	50.13	53.69	51.77	73.60	54.86	67.19	50.43	58.82	36.68	36.54
24190	0.20	0.29	0.34	0.35	0.34	0.52	0.53	0.36	0.27	0.43	0.42	0.40	0.36	0.33	0.64	0.60	0.65	0.53	0.65	0.68	0.69	0.72	0.41	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.69	38.97	35.56	34.16	32.33	43.76	79.89	63.55	64.26	52.83	47.41	39.60	44.44	46.90	50.43	54.26	52.06	74.88	55.37	68.07	50.79	59.34	37.03	36.91
355683	0.62	0.65	0.57	0.54	0.50	0.51	1.38	1.15	1.46	1.38	1.30	0.99	1.06	0.99	0.94	1.17	0.94	1.81	1.16	1.57	1.05	1.24	0.76	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	36.94	39.33	36.00	34.60	32.78	44.62	80.60	63.93	64.16	52.71	47.04	39.38	44.28	46.63	50.55	54.42	52.33	74.76	55.73	68.29	51.20	59.76	37.24	37.11
323833	0.88	1.01	1.01	0.98	0.95	1.37	2.09	1.53	1.37	1.25	0.93	0.77	0.89	0.72	1.06	1.33	1.21	1.68	1.52	1.79	1.46	1.66	0.97	0.99
	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_2_SOLAR	36.93	39.32	35.99	34.58	32.77	44.60	80.59	63.91	64.15	52.69	47.04	39.38	44.26	46.63	50.54	54.40	52.33	74.74	55.71	68.28	51.19	59.74	37.23	37.09
323834	0.87	1.00	1.00	0.96	0.94	1.34	2.08	1.51	1.36	1.24	0.92	0.77	0.87	0.72	1.05	1.31	1.21	1.67	1.50	1.77	1.44	1.65	0.97	0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.26	38.60	35.34	33.97	32.18	43.77	79.04	62.77	63.07	51.88	46.54	39.02	43.74	46.24	50.13	53.69	51.77	73.60	54.86	67.19	50.43	58.82	36.68	36.54
23571	0.20	0.29	0.34	0.35	0.34	0.52	0.53	0.36	0.27	0.43	0.42	0.40	0.36	0.33	0.64	0.60	0.65	0.53	0.65	0.68	0.69	0.72	0.41	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.26 0.20 0.00	38.60 0.29 0.00	35.34 0.34 0.00	33.97 0.35 0.00	32.18 0.34 0.00	43.77 0.52 0.00	79.04 0.53 0.00	62.77 0.36 0.00	63.07 0.27 0.00	51.88 0.43 0.00	46.54 0.42 0.00	39.02 0.40 0.00	43.74 0.36 0.00	46.24 0.33 0.00	50.13 0.64 0.00	53.69 0.60 0.00	51.77 0.65 0.00	73.60 0.53 0.00	54.86 0.65 0.00	67.19 0.68 0.00	50.43 0.69 0.00	58.82 0.72 0.00	36.68 0.41 0.00	36.54 0.43 0.00
ALBANY___3 23573	36.26 0.20 0.00	38.60 0.29 0.00	35.34 0.34 0.00	33.97 0.35 0.00	32.18 0.34 0.00	43.77 0.52 0.00	79.04 0.53 0.00	62.77 0.36 0.00	63.07 0.27 0.00	51.88 0.43 0.00	46.54 0.42 0.00	39.02 0.40 0.00	43.74 0.36 0.00	46.24 0.33 0.00	50.13 0.64 0.00	53.69 0.60 0.00	51.77 0.65 0.00	73.60 0.53 0.00	54.86 0.65 0.00	67.19 0.68 0.00	50.43 0.69 0.00	58.82 0.72 0.00	36.68 0.41 0.00	36.54 0.43 0.00
ALBANY___4 23574	36.26 0.20 0.00	38.60 0.29 0.00	35.34 0.34 0.00	33.97 0.35 0.00	32.18 0.34 0.00	43.77 0.52 0.00	79.04 0.53 0.00	62.77 0.36 0.00	63.07 0.27 0.00	51.88 0.43 0.00	46.54 0.42 0.00	39.02 0.40 0.00	43.74 0.36 0.00	46.24 0.33 0.00	50.13 0.64 0.00	53.69 0.60 0.00	51.77 0.65 0.00	73.60 0.53 0.00	54.86 0.65 0.00	67.19 0.68 0.00	50.43 0.69 0.00	58.82 0.72 0.00	36.68 0.41 0.00	36.54 0.43 0.00
ALBANY___LFGE 323615	36.54 0.48 0.00	38.90 0.59 0.00	35.61 0.62 0.00	34.21 0.59 0.00	32.45 0.62 0.00	44.15 0.90 0.00	79.72 1.21 0.00	63.30 0.89 0.00	63.67 0.87 0.00	52.36 0.91 0.00	46.97 0.86 0.00	39.40 0.79 0.00	44.16 0.78 0.00	46.68 0.77 0.00	50.63 1.14 0.00	54.22 1.12 0.00	52.29 1.17 0.00	74.33 1.26 0.00	55.39 1.18 0.00	67.82 1.32 0.00	50.89 1.15 0.00	59.34 1.24 0.00	37.00 0.73 0.00	36.84 0.73 0.00
ALCOA_PA_115KV_PL-6C 55860	36.99 0.93 0.00	39.30 0.98 0.00	35.85 0.86 0.00	34.44 0.82 0.00	32.61 0.78 0.00	44.13 0.87 0.00	80.64 2.13 0.00	64.15 1.74 0.00	64.86 2.06 0.00	53.30 1.84 0.00	47.81 1.70 0.00	39.94 1.33 0.00	44.83 1.45 0.00	47.32 1.41 0.00	50.87 1.38 0.00	54.73 1.64 0.00	52.46 1.34 0.00	75.50 2.43 0.00	55.78 1.57 0.00	68.59 2.09 0.00	51.19 1.45 0.00	59.86 1.76 0.00	37.34 1.08 0.00	37.22 1.11 0.00
ALCOA_RYNLDS___DRP 24188	36.99 0.93 0.00	39.30 0.98 0.00	35.85 0.86 0.00	34.44 0.82 0.00	32.61 0.78 0.00	44.13 0.87 0.00	80.64 2.13 0.00	64.15 1.74 0.00	64.86 2.06 0.00	53.30 1.84 0.00	47.81 1.70 0.00	39.94 1.33 0.00	44.83 1.45 0.00	47.32 1.41 0.00	50.87 1.38 0.00	54.73 1.64 0.00	52.46 1.34 0.00	75.50 2.43 0.00	55.78 1.57 0.00	68.59 2.09 0.00	51.19 1.45 0.00	59.86 1.76 0.00	37.34 1.08 0.00	37.22 1.11 0.00
ALCOA___DSASP 323711	36.99 0.93 0.00	39.30 0.98 0.00	35.85 0.86 0.00	34.44 0.82 0.00	32.61 0.78 0.00	44.13 0.87 0.00	80.64 2.13 0.00	64.15 1.74 0.00	64.86 2.06 0.00	53.30 1.84 0.00	47.81 1.70 0.00	39.94 1.33 0.00	44.83 1.45 0.00	47.32 1.41 0.00	50.87 1.38 0.00	54.73 1.64 0.00	52.46 1.34 0.00	75.50 2.43 0.00	55.78 1.57 0.00	68.59 2.09 0.00	51.19 1.45 0.00	59.86 1.76 0.00	37.34 1.08 0.00	37.22 1.11 0.00
ALLEGHENY___COGEN 23514	35.80 -0.26 0.00	37.63 -0.69 0.00	34.23 -0.77 0.00	32.88 -0.73 0.00	31.21 -0.62 0.00	42.57 -0.69 0.00	76.89 -1.62 0.00	48.06 -1.78 12.56	61.11 -1.69 0.00	46.96 -2.27 2.22	43.72 -2.39 0.00	18.61 -2.53 17.47	40.47 -2.84 0.07	43.40 -2.50 0.00	44.57 -2.29 2.63	49.72 -2.56 0.82	43.78 -2.46 4.88	64.51 -2.80 5.76	50.57 -2.27 1.37	57.04 -2.90 6.56	45.06 -2.26 2.43	33.94 -2.71 21.45	34.79 -1.47 0.00	35.04 -1.08 0.00
ALTAMONT_115KV_TB 2 55880	36.55 0.48 0.00	38.89 0.57 0.00	35.56 0.57 0.00	34.17 0.55 0.00	32.36 0.53 0.00	44.06 0.80 0.00	79.60 1.09 0.00	63.22 0.81 0.00	63.49 0.69 0.00	52.13 0.68 0.00	46.73 0.61 0.00	39.17 0.55 0.00	43.97 0.59 0.00	46.52 0.61 0.00	50.35 0.86 0.00	53.94 0.84 0.00	52.01 0.89 0.00	74.03 0.95 0.00	55.10 0.88 0.00	67.49 0.99 0.00	50.64 0.90 0.00	59.09 1.00 0.00	36.87 0.60 0.00	36.68 0.57 0.00
ALTONA_WT_PWR 323606	36.47 0.41 0.00	38.73 0.41 0.00	35.40 0.41 0.00	34.02 0.40 0.00	32.19 0.36 0.00	43.53 0.28 0.00	79.54 1.02 0.00	63.26 0.86 0.00	64.15 1.35 0.00	52.73 1.27 0.00	47.60 1.48 0.00	39.72 1.11 0.00	44.53 1.15 0.00	47.00 1.09 0.00	50.53 1.03 0.00	54.31 1.22 0.00	51.85 0.73 0.00	75.11 2.04 0.00	55.67 1.46 0.00	68.47 1.97 0.00	51.00 1.26 0.00	59.36 1.26 0.00	36.85 0.58 0.00	36.58 0.47 0.00
AMERICAN_REF_FUEL 24010	33.18 -2.88 0.00	34.78 -3.54 0.00	31.58 -3.41 0.00	30.29 -3.33 0.00	28.79 -3.04 0.00	38.73 -4.52 0.00	68.82 -9.68 0.00	46.69 -8.38 7.33	55.33 -7.46 0.00	43.84 -6.33 1.28	40.77 -5.35 0.00	25.52 -4.43 8.67	37.92 -5.43 0.04	40.64 -5.27 0.00	42.24 -5.78 1.47	45.57 -7.07 0.46	41.10 -7.29 2.72	59.77 -10.08 3.22	45.65 -7.79 0.77	53.24 -9.60 3.67	41.18 -7.19 1.37	37.89 -8.14 12.06	31.90 -4.37 0.00	32.57 -3.54 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.72 -2.35 0.00	35.58 -2.74 0.00	32.16 -2.83 0.00	30.59 -3.03 0.00	28.92 -2.91 0.00	39.14 -4.12 0.00	69.79 -8.72 0.00	40.61 -7.80 14.00	55.88 -6.92 0.00	43.48 -6.35 1.62	40.54 -5.57 0.00	22.46 -4.86 11.29	38.01 -5.33 0.05	40.83 -5.08 0.00	42.16 -5.46 1.87	45.93 -6.59 0.58	40.93 -6.72 3.47	59.49 -9.49 4.09	46.02 -7.22 0.98	52.63 -9.21 4.67	41.10 -6.90 1.74	34.56 -8.15 15.38	31.93 -4.34 0.00	32.31 -3.81 0.00
ARTHUR KILL_GT_1 23520	38.36 2.30 0.00	40.69 2.38 0.00	37.05 2.06 0.00	35.60 1.99 0.00	33.75 1.91 0.00	46.11 2.86 0.00	82.44 3.93 0.00	65.62 3.22 0.00	65.46 2.66 0.00	53.68 2.22 0.00	57.55 2.02 -9.41	40.55 1.93 0.00	45.68 2.30 0.00	48.58 2.67 0.00	52.14 2.65 0.00	55.61 2.52 0.00	54.03 2.91 0.00	77.16 4.08 0.00	57.21 3.00 0.00	69.97 3.46 0.00	52.73 2.99 0.00	61.64 3.55 0.00	38.61 2.35 0.00	38.22 2.11 0.00
ARTHUR_KILL_2 23512	38.27 2.21 0.00	40.60 2.28 0.00	36.96 1.97 0.00	35.52 1.91 0.00	33.66 1.82 0.00	45.98 2.73 0.00	82.22 3.72 0.00	65.46 3.06 0.00	65.30 2.50 0.00	53.58 2.12 0.00	57.44 1.92 -9.41	40.48 1.86 0.00	45.59 2.21 0.00	48.48 2.57 0.00	52.05 2.56 0.00	55.47 2.38 0.00	53.88 2.77 0.00	76.94 3.86 0.00	57.04 2.83 0.00	69.77 3.26 0.00	52.60 2.86 0.00	61.49 3.40 0.00	38.52 2.26 0.00	38.13 2.01 0.00
ARTHUR_KILL_3 23513	37.85 1.78 0.00	40.07 1.76 0.00	36.47 1.48 0.00	35.05 1.43 0.00	33.21 1.38 0.00	45.54 2.29 0.00	82.15 3.64 0.00	65.36 2.96 0.00	65.33 2.53 0.00	53.50 2.05 0.00	57.36 1.81 -9.43	40.35 1.74 0.00	45.48 2.10 0.00	48.42 2.51 0.00	52.11 2.62 0.00	55.65 2.55 0.00	53.91 2.79 0.00	77.02 3.95 0.00	57.06 2.85 0.00	69.76 3.26 0.00	52.39 2.65 0.00	61.31 3.22 0.00	38.29 2.02 0.00	37.91 1.79 0.00

ARTHUR_KILL_COGEN 323718	38.36 2.30 0.00	40.69 2.38 0.00	37.06 2.06 0.00	35.60 1.99 0.00	33.75 1.91 0.00	46.11 2.86 0.00	82.43 3.93 0.00	65.64 3.23 0.00	65.46 2.66 0.00	53.71 2.25 0.00	57.54 2.02 -9.41	40.55 1.93 0.00	45.68 2.29 0.00	48.58 2.67 0.00	52.14 2.65 0.00	55.60 2.51 0.00	54.02 2.91 0.00	77.15 4.08 0.00	57.20 2.99 0.00	69.97 3.46 0.00	52.75 3.01 0.00	61.65 3.55 0.00	38.62 2.35 0.00	38.22 2.11 0.00
ASHOKAN____ 23654	37.26 1.20 0.00	39.59 1.27 0.00	36.17 1.17 0.00	34.76 1.15 0.00	32.95 1.12 0.00	45.06 1.81 0.00	81.53 3.02 0.00	64.97 2.57 0.00	65.16 2.37 0.00	53.55 2.09 0.00	47.72 1.60 0.00	39.77 1.16 0.00	44.79 1.41 0.00	47.32 1.41 0.00	51.23 1.74 0.00	55.16 2.07 0.00	53.34 2.23 0.00	76.31 3.23 0.00	56.67 2.46 0.00	69.31 2.81 0.00	51.90 2.16 0.00	60.53 2.44 0.00	37.67 1.41 0.00	37.31 1.20 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.98 1.92 0.00	40.24 1.92 0.00	36.65 1.66 0.00	35.21 1.59 0.00	33.36 1.53 0.00	45.70 2.44 0.00	82.51 4.00 0.00	65.76 3.35 0.00	65.78 2.98 0.00	53.88 2.43 0.00	57.76 2.23 -9.41	40.62 2.00 0.00	45.74 2.36 0.00	48.66 2.76 0.00	52.36 2.87 0.00	55.85 2.76 0.00	54.15 3.03 0.00	77.29 4.22 0.00	57.28 3.07 0.00	70.07 3.56 0.00	52.74 3.00 0.00	61.60 3.50 0.00	38.47 2.20 0.00	38.07 1.96 0.00
ASTORIA_EAST_ENERGY_CC2 323582	37.97 1.91 0.00	40.22 1.90 0.00	36.63 1.64 0.00	35.18 1.57 0.00	33.35 1.52 0.00	45.68 2.42 0.00	82.45 3.94 0.00	65.72 3.32 0.00	65.74 2.94 0.00	53.85 2.40 0.00	57.74 2.21 -9.41	40.60 1.99 0.00	45.73 2.34 0.00	48.64 2.74 0.00	52.33 2.84 0.00	55.83 2.73 0.00	54.11 2.99 0.00	77.25 4.18 0.00	57.23 3.02 0.00	70.05 3.54 0.00	52.72 2.97 0.00	61.58 3.48 0.00	38.46 2.19 0.00	38.06 1.95 0.00
ASTORIA_GT2_1 24094	37.99 1.92 0.00	40.24 1.92 0.00	36.64 1.65 0.00	35.21 1.59 0.00	33.36 1.53 0.00	45.70 2.45 0.00	82.50 3.99 0.00	65.73 3.33 0.00	65.78 2.98 0.00	53.86 2.41 0.00	57.76 2.24 -9.41	40.62 2.00 0.00	45.74 2.36 0.00	48.66 2.75 0.00	52.36 2.87 0.00	55.86 2.77 0.00	54.15 3.03 0.00	77.29 4.21 0.00	57.28 3.08 0.00	70.09 3.58 0.00	52.74 3.00 0.00	61.60 3.50 0.00	38.45 2.19 0.00	38.07 1.96 0.00
ASTORIA_GT2_2 24095	37.99 1.92 0.00	40.24 1.92 0.00	36.64 1.65 0.00	35.21 1.59 0.00	33.36 1.53 0.00	45.70 2.45 0.00	82.50 3.99 0.00	65.73 3.33 0.00	65.78 2.98 0.00	53.86 2.41 0.00	57.76 2.24 -9.41	40.62 2.00 0.00	45.74 2.36 0.00	48.66 2.75 0.00	52.36 2.87 0.00	55.86 2.77 0.00	54.15 3.03 0.00	77.29 4.21 0.00	57.28 3.08 0.00	70.09 3.58 0.00	52.74 3.00 0.00	61.60 3.50 0.00	38.45 2.19 0.00	38.07 1.96 0.00
ASTORIA_GT2_3 24096	37.99 1.92 0.00	40.24 1.92 0.00	36.64 1.65 0.00	35.21 1.59 0.00	33.36 1.53 0.00	45.70 2.45 0.00	82.50 3.99 0.00	65.73 3.33 0.00	65.78 2.98 0.00	53.86 2.41 0.00	57.76 2.24 -9.41	40.62 2.00 0.00	45.74 2.36 0.00	48.66 2.75 0.00	52.36 2.87 0.00	55.86 2.77 0.00	54.15 3.03 0.00	77.29 4.21 0.00	57.28 3.08 0.00	70.09 3.58 0.00	52.74 3.00 0.00	61.60 3.50 0.00	38.45 2.19 0.00	38.07 1.96 0.00
ASTORIA_GT2_4 24097	37.99 1.92 0.00	40.24 1.92 0.00	36.64 1.65 0.00	35.21 1.59 0.00	33.36 1.53 0.00	45.70 2.45 0.00	82.50 3.99 0.00	65.73 3.33 0.00	65.78 2.98 0.00	53.86 2.41 0.00	57.76 2.24 -9.41	40.62 2.00 0.00	45.74 2.36 0.00	48.66 2.75 0.00	52.36 2.87 0.00	55.86 2.77 0.00	54.15 3.03 0.00	77.29 4.21 0.00	57.28 3.08 0.00	70.09 3.58 0.00	52.74 3.00 0.00	61.60 3.50 0.00	38.45 2.19 0.00	38.07 1.96 0.00
ASTORIA_GT3_1 24098	37.99 1.92 0.00	40.24 1.92 0.00	36.64 1.65 0.00	35.21 1.59 0.00	33.36 1.53 0.00	45.70 2.45 0.00	82.50 3.99 0.00	65.73 3.33 0.00	65.78 2.98 0.00	53.86 2.41 0.00	57.76 2.24 -9.41	40.62 2.00 0.00	45.74 2.36 0.00	48.66 2.75 0.00	52.36 2.87 0.00	55.86 2.77 0.00	54.15 3.03 0.00	77.29 4.21 0.00	57.28 3.08 0.00	70.09 3.58 0.00	52.74 3.00 0.00	61.60 3.50 0.00	38.45 2.19 0.00	38.07 1.96 0.00
ASTORIA_GT3_2 24099	37.99 1.92 0.00	40.24 1.92 0.00	36.64 1.65 0.00	35.21 1.59 0.00	33.36 1.53 0.00	45.70 2.45 0.00	82.50 3.99 0.00	65.73 3.33 0.00	65.78 2.98 0.00	53.86 2.41 0.00	57.76 2.24 -9.41	40.62 2.00 0.00	45.74 2.36 0.00	48.66 2.75 0.00	52.36 2.87 0.00	55.86 2.77 0.00	54.15 3.03 0.00	77.29 4.21 0.00	57.28 3.08 0.00	70.09 3.58 0.00	52.74 3.00 0.00	61.60 3.50 0.00	38.45 2.19 0.00	38.07 1.96 0.00
ASTORIA_GT3_3 24100	37.99 1.92 0.00	40.24 1.92 0.00	36.64 1.65 0.00	35.21 1.59 0.00	33.36 1.53 0.00	45.70 2.45 0.00	82.50 3.99 0.00	65.73 3.33 0.00	65.78 2.98 0.00	53.86 2.41 0.00	57.76 2.24 -9.41	40.62 2.00 0.00	45.74 2.36 0.00	48.66 2.75 0.00	52.36 2.87 0.00	55.86 2.77 0.00	54.15 3.03 0.00	77.29 4.21 0.00	57.28 3.08 0.00	70.09 3.58 0.00	52.74 3.00 0.00	61.60 3.50 0.00	38.45 2.19 0.00	38.07 1.96 0.00
ASTORIA_GT3_4 24101	37.99 1.92 0.00	40.24 1.92 0.00	36.64 1.65 0.00	35.21 1.59 0.00	33.36 1.53 0.00	45.70 2.45 0.00	82.50 3.99 0.00	65.73 3.33 0.00	65.78 2.98 0.00	53.86 2.41 0.00	57.76 2.24 -9.41	40.62 2.00 0.00	45.74 2.36 0.00	48.66 2.75 0.00	52.36 2.87 0.00	55.86 2.77 0.00	54.15 3.03 0.00	77.29 4.21 0.00	57.28 3.08 0.00	70.09 3.58 0.00	52.74 3.00 0.00	61.60 3.50 0.00	38.45 2.19 0.00	38.07 1.96 0.00
ASTORIA_GT4_1 24102	37.99 1.92 0.00	40.24 1.92 0.00	36.64 1.65 0.00	35.21 1.59 0.00	33.36 1.53 0.00	45.70 2.45 0.00	82.50 3.99 0.00	65.73 3.33 0.00	65.78 2.98 0.00	53.86 2.41 0.00	57.76 2.24 -9.41	40.62 2.00 0.00	45.74 2.36 0.00	48.66 2.75 0.00	52.36 2.87 0.00	55.86 2.77 0.00	54.15 3.03 0.00	77.29 4.21 0.00	57.28 3.08 0.00	70.09 3.58 0.00	52.74 3.00 0.00	61.60 3.50 0.00	38.45 2.19 0.00	38.07 1.96 0.00
ASTORIA_GT4_2 24103	37.99 1.92 0.00	40.24 1.92 0.00	36.64 1.65 0.00	35.21 1.59 0.00	33.36 1.53 0.00	45.70 2.45 0.00	82.50 3.99 0.00	65.73 3.33 0.00	65.78 2.98 0.00	53.86 2.41 0.00	57.76 2.24 -9.41	40.62 2.00 0.00	45.74 2.36 0.00	48.66 2.75 0.00	52.36 2.87 0.00	55.86 2.77 0.00	54.15 3.03 0.00	77.29 4.21 0.00	57.28 3.08 0.00	70.09 3.58 0.00	52.74 3.00 0.00	61.60 3.50 0.00	38.45 2.19 0.00	38.07 1.96 0.00
ASTORIA_GT4_3 24104	37.99 1.92 0.00	40.24 1.92 0.00	36.64 1.65 0.00	35.21 1.59 0.00	33.36 1.53 0.00	45.70 2.45 0.00	82.50 3.99 0.00	65.73 3.33 0.00	65.78 2.98 0.00	53.86 2.41 0.00	57.76 2.24 -9.41	40.62 2.00 0.00	45.74 2.36 0.00	48.66 2.75 0.00	52.36 2.87 0.00	55.86 2.77 0.00	54.15 3.03 0.00	77.29 4.21 0.00	57.28 3.08 0.00	70.09 3.58 0.00	52.74 3.00 0.00	61.60 3.50 0.00	38.45 2.19 0.00	38.07 1.96 0.00

ASTORIA_GT4_4 24105	37.99 1.92 0.00	40.24 1.92 0.00	36.64 1.65 0.00	35.21 1.59 0.00	33.36 1.53 0.00	45.70 2.45 0.00	82.50 3.99 0.00	65.73 3.33 0.00	65.78 2.98 0.00	53.86 2.41 0.00	57.76 2.24 -9.41	40.62 2.00 0.00	45.74 2.36 0.00	48.66 2.75 0.00	52.36 2.87 0.00	55.86 2.77 0.00	54.15 3.03 0.00	77.29 4.21 0.00	57.28 3.08 0.00	70.09 3.58 0.00	52.74 3.00 0.00	61.60 3.50 0.00	38.45 2.19 0.00	38.07 1.96 0.00
ASTORIA_GT_1 23523	38.04 1.98 0.00	40.29 1.98 0.00	36.70 1.71 0.00	35.25 1.64 0.00	33.41 1.58 0.00	45.77 2.52 0.00	82.65 4.14 0.00	65.85 3.44 0.00	65.91 3.11 0.00	53.97 2.51 0.00	57.85 2.33 -9.41	40.69 2.08 0.00	45.82 2.43 0.00	48.75 2.84 0.00	52.46 2.96 0.00	55.97 2.88 0.00	54.25 3.13 0.00	77.43 4.36 0.00	57.38 3.17 0.00	70.22 3.71 0.00	52.82 3.08 0.00	61.70 3.60 0.00	38.52 2.26 0.00	38.13 2.02 0.00
ASTORIA_GT_10 24110	38.03 1.97 0.00	40.30 1.99 0.00	36.67 1.68 0.00	35.24 1.62 0.00	33.40 1.57 0.00	45.70 2.44 0.00	82.21 3.71 0.00	65.45 3.05 0.00	65.50 2.70 0.00	53.70 2.25 0.00	57.59 2.07 -9.41	40.53 1.91 0.00	45.65 2.27 0.00	48.56 2.65 0.00	52.21 2.72 0.00	55.69 2.59 0.00	53.96 2.85 0.00	77.05 3.98 0.00	57.10 2.89 0.00	69.81 3.31 0.00	52.53 2.79 0.00	61.40 3.30 0.00	38.37 2.11 0.00	37.99 1.87 0.00
ASTORIA_GT_11 24225	38.03 1.97 0.00	40.30 1.99 0.00	36.67 1.68 0.00	35.24 1.62 0.00	33.40 1.57 0.00	45.70 2.44 0.00	82.21 3.71 0.00	65.45 3.05 0.00	65.50 2.70 0.00	53.70 2.25 0.00	57.59 2.07 -9.41	40.53 1.91 0.00	45.65 2.27 0.00	48.56 2.65 0.00	52.21 2.72 0.00	55.69 2.59 0.00	53.96 2.85 0.00	77.05 3.98 0.00	57.10 2.89 0.00	69.81 3.31 0.00	52.53 2.79 0.00	61.40 3.30 0.00	38.37 2.11 0.00	37.99 1.87 0.00
ASTORIA_GT_12 24226	38.03 1.97 0.00	40.30 1.99 0.00	36.67 1.68 0.00	35.24 1.62 0.00	33.40 1.57 0.00	45.70 2.44 0.00	82.21 3.71 0.00	65.45 3.05 0.00	65.50 2.70 0.00	53.70 2.25 0.00	57.59 2.07 -9.41	40.53 1.91 0.00	45.65 2.27 0.00	48.56 2.65 0.00	52.21 2.72 0.00	55.69 2.59 0.00	53.96 2.85 0.00	77.05 3.98 0.00	57.10 2.89 0.00	69.81 3.31 0.00	52.53 2.79 0.00	61.40 3.30 0.00	38.37 2.11 0.00	37.99 1.87 0.00
ASTORIA_GT_13 24227	38.03 1.97 0.00	40.30 1.99 0.00	36.67 1.68 0.00	35.24 1.62 0.00	33.40 1.57 0.00	45.70 2.44 0.00	82.21 3.71 0.00	65.45 3.05 0.00	65.50 2.70 0.00	53.70 2.25 0.00	57.59 2.07 -9.41	40.53 1.91 0.00	45.65 2.27 0.00	48.56 2.65 0.00	52.21 2.72 0.00	55.69 2.59 0.00	53.96 2.85 0.00	77.05 3.98 0.00	57.10 2.89 0.00	69.81 3.31 0.00	52.53 2.79 0.00	61.40 3.30 0.00	38.37 2.11 0.00	37.99 1.87 0.00
ASTORIA_GT_5 24106	38.04 1.98 0.00	40.29 1.98 0.00	36.70 1.71 0.00	35.25 1.64 0.00	33.41 1.58 0.00	45.77 2.52 0.00	82.65 4.14 0.00	65.85 3.44 0.00	65.91 3.11 0.00	53.97 2.51 0.00	57.85 2.33 -9.41	40.69 2.08 0.00	45.82 2.43 0.00	48.75 2.84 0.00	52.46 2.96 0.00	55.97 2.88 0.00	54.25 3.13 0.00	77.43 4.36 0.00	57.38 3.17 0.00	70.22 3.71 0.00	52.82 3.08 0.00	61.70 3.60 0.00	38.52 2.26 0.00	38.13 2.02 0.00
ASTORIA_GT_7 24107	38.04 1.98 0.00	40.29 1.98 0.00	36.70 1.71 0.00	35.25 1.64 0.00	33.41 1.58 0.00	45.77 2.52 0.00	82.65 4.14 0.00	65.85 3.44 0.00	65.91 3.11 0.00	53.97 2.51 0.00	57.85 2.33 -9.41	40.69 2.08 0.00	45.82 2.43 0.00	48.75 2.84 0.00	52.46 2.96 0.00	55.97 2.88 0.00	54.25 3.13 0.00	77.43 4.36 0.00	57.38 3.17 0.00	70.22 3.71 0.00	52.82 3.08 0.00	61.70 3.60 0.00	38.52 2.26 0.00	38.13 2.02 0.00
ASTORIA_GT_8 24108	38.04 1.98 0.00	40.29 1.98 0.00	36.70 1.71 0.00	35.25 1.64 0.00	33.41 1.58 0.00	45.77 2.52 0.00	82.65 4.14 0.00	65.85 3.44 0.00	65.91 3.11 0.00	53.97 2.51 0.00	57.85 2.33 -9.41	40.69 2.08 0.00	45.82 2.43 0.00	48.75 2.84 0.00	52.46 2.96 0.00	55.97 2.88 0.00	54.25 3.13 0.00	77.43 4.36 0.00	57.38 3.17 0.00	70.22 3.71 0.00	52.82 3.08 0.00	61.70 3.60 0.00	38.52 2.26 0.00	38.13 2.02 0.00
ASTORIA___2 24149	37.98 1.92 0.00	40.24 1.92 0.00	36.65 1.66 0.00	35.21 1.59 0.00	33.36 1.53 0.00	45.70 2.44 0.00	82.51 4.00 0.00	65.76 3.35 0.00	65.78 2.98 0.00	53.88 2.43 0.00	57.76 2.23 -9.41	40.62 2.00 0.00	45.74 2.36 0.00	48.66 2.76 0.00	52.36 2.87 0.00	55.85 2.76 0.00	54.15 3.03 0.00	77.29 4.22 0.00	57.28 3.07 0.00	70.07 3.56 0.00	52.74 3.00 0.00	61.60 3.50 0.00	38.47 2.20 0.00	38.07 1.96 0.00
ASTORIA___3 23516	38.03 1.97 0.00	40.30 1.98 0.00	36.67 1.68 0.00	35.24 1.62 0.00	33.40 1.57 0.00	45.69 2.44 0.00	82.21 3.70 0.00	65.46 3.06 0.00	65.49 2.69 0.00	53.72 2.27 0.00	57.59 2.06 -9.41	40.52 1.90 0.00	45.65 2.27 0.00	48.56 2.65 0.00	52.21 2.72 0.00	55.68 2.59 0.00	53.96 2.84 0.00	77.05 3.98 0.00	57.10 2.89 0.00	69.80 3.30 0.00	52.53 2.79 0.00	61.40 3.30 0.00	38.38 2.11 0.00	37.98 1.87 0.00
ASTORIA___4 23517	38.03 1.97 0.00	40.30 1.99 0.00	36.67 1.68 0.00	35.24 1.62 0.00	33.40 1.57 0.00	45.70 2.44 0.00	82.21 3.71 0.00	65.45 3.05 0.00	65.50 2.70 0.00	53.70 2.25 0.00	57.59 2.07 -9.41	40.53 1.91 0.00	45.65 2.27 0.00	48.56 2.65 0.00	52.21 2.72 0.00	55.69 2.59 0.00	53.96 2.85 0.00	77.05 3.98 0.00	57.10 2.89 0.00	69.81 3.31 0.00	52.53 2.79 0.00	61.40 3.30 0.00	38.37 2.11 0.00	37.99 1.87 0.00
ASTORIA___5 23518	38.03 1.97 0.00	40.30 1.98 0.00	36.67 1.68 0.00	35.24 1.62 0.00	33.40 1.57 0.00	45.69 2.44 0.00	82.21 3.70 0.00	65.46 3.06 0.00	65.49 2.69 0.00	53.72 2.26 0.00	57.59 2.06 -9.41	40.52 1.90 0.00	45.65 2.27 0.00	48.56 2.65 0.00	52.21 2.72 0.00	55.68 2.58 0.00	53.96 2.84 0.00	77.05 3.98 0.00	57.10 2.89 0.00	69.80 3.30 0.00	52.53 2.79 0.00	61.39 3.30 0.00	38.38 2.11 0.00	37.98 1.87 0.00
AST_ENERGY_2_CC3 323677	37.99 1.92 0.00	40.21 1.90 0.00	36.62 1.63 0.00	35.19 1.57 0.00	33.34 1.50 0.00	45.69 2.44 0.00	82.37 3.86 0.00	65.56 3.16 0.00	65.56 2.76 0.00	53.73 2.27 0.00	57.56 2.01 -9.43	40.47 1.85 0.00	45.61 2.23 0.00	48.53 2.62 0.00	52.23 2.74 0.00	55.77 2.67 0.00	54.02 2.91 0.00	77.19 4.11 0.00	57.18 2.97 0.00	69.89 3.39 0.00	52.52 2.78 0.00	61.42 3.32 0.00	38.34 2.07 0.00	37.95 1.84 0.00
AST_ENERGY_2_CC4 323678	37.99 1.92 0.00	40.21 1.90 0.00	36.62 1.63 0.00	35.19 1.57 0.00	33.34 1.50 0.00	45.69 2.44 0.00	82.37 3.86 0.00	65.56 3.16 0.00	65.56 2.76 0.00	53.73 2.27 0.00	57.56 2.01 -9.43	40.47 1.85 0.00	45.61 2.23 0.00	48.53 2.62 0.00	52.23 2.74 0.00	55.77 2.67 0.00	54.02 2.91 0.00	77.19 4.11 0.00	57.18 2.97 0.00	69.89 3.39 0.00	52.52 2.78 0.00	61.42 3.32 0.00	38.34 2.07 0.00	37.95 1.84 0.00

ATHENS_STG_1 23668	36.95 0.89 0.00	39.29 0.97 0.00	35.90 0.90 0.00	34.49 0.87 0.00	32.63 0.80 0.00	44.52 1.27 0.00	80.41 1.90 0.00	63.92 1.51 0.00	64.07 1.27 0.00	52.54 1.09 0.00	47.06 0.94 0.00	39.46 0.85 0.00	44.38 1.00 0.00	47.08 1.17 0.00	50.84 1.35 0.00	54.39 1.30 0.00	52.48 1.36 0.00	74.75 1.67 0.00	55.54 1.32 0.00	67.99 1.48 0.00	51.02 1.28 0.00	59.57 1.47 0.00	37.17 0.91 0.00	36.93 0.82 0.00
ATHENS_STG_2 23670	36.95 0.89 0.00	39.29 0.97 0.00	35.90 0.90 0.00	34.49 0.87 0.00	32.63 0.80 0.00	44.52 1.27 0.00	80.41 1.90 0.00	63.92 1.51 0.00	64.07 1.27 0.00	52.54 1.09 0.00	47.06 0.94 0.00	39.46 0.85 0.00	44.38 1.00 0.00	47.08 1.17 0.00	50.84 1.35 0.00	54.39 1.30 0.00	52.48 1.36 0.00	74.75 1.67 0.00	55.54 1.32 0.00	67.99 1.48 0.00	51.02 1.28 0.00	59.57 1.47 0.00	37.17 0.91 0.00	36.93 0.82 0.00
ATHENS_STG_3 23677	36.95 0.89 0.00	39.29 0.97 0.00	35.90 0.90 0.00	34.49 0.87 0.00	32.63 0.80 0.00	44.52 1.27 0.00	80.41 1.90 0.00	63.92 1.51 0.00	64.07 1.27 0.00	52.54 1.09 0.00	47.06 0.94 0.00	39.46 0.85 0.00	44.38 1.00 0.00	47.08 1.17 0.00	50.84 1.35 0.00	54.39 1.30 0.00	52.48 1.36 0.00	74.75 1.67 0.00	55.54 1.32 0.00	67.99 1.48 0.00	51.02 1.28 0.00	59.57 1.47 0.00	37.17 0.91 0.00	36.93 0.82 0.00
AUBURN___LFGE 323710	35.74 -0.32 0.00	37.87 -0.45 0.00	34.55 -0.44 0.00	33.09 -0.53 0.00	31.35 -0.49 0.00	42.68 -0.57 0.00	77.37 -1.14 0.00	64.73 -1.03 -3.35	61.80 -1.00 0.00	50.98 -1.05 -0.57	45.13 -0.99 0.00	42.75 -0.85 -4.99	42.54 -0.87 -0.03	45.15 -0.76 0.00	49.58 -0.85 -0.94	52.34 -1.04 -0.29	51.90 -0.96 -1.75	73.81 -1.33 -2.07	53.70 -1.00 -0.49	67.48 -1.36 -2.34	49.59 -0.89 -0.73	63.33 -1.25 -6.48	35.51 -0.76 0.00	35.52 -0.59 0.00
BABYLON_RES_REC 323704	38.12 2.05 0.00	40.31 2.00 0.00	36.62 1.63 0.00	35.21 1.60 0.00	33.29 1.46 0.00	45.81 2.56 0.00	82.37 3.85 0.00	66.05 3.64 0.00	65.96 3.16 0.00	53.86 2.41 0.00	57.51 2.05 -9.34	40.19 1.58 0.00	45.38 1.99 0.00	48.31 2.40 0.00	51.98 2.49 0.00	57.51 2.67 -1.74	117.90 3.32 -63.46	107.07 4.78 -29.22	57.38 3.17 0.00	78.62 4.18 -7.94	55.72 3.33 -2.65	61.60 3.50 0.00	40.19 2.21 -1.72	37.89 1.78 0.00
BALL_HILL_WT_PWR 323825	33.84 -2.23 0.00	35.63 -2.69 0.00	32.30 -2.69 0.00	30.94 -2.68 0.00	29.37 -2.47 0.00	39.79 -3.46 0.00	71.15 -7.36 0.00	46.58 -6.75 9.07	56.80 -6.00 0.00	44.42 -5.55 1.48	41.32 -4.80 0.00	24.21 -4.21 10.20	38.64 -4.70 0.05	41.50 -4.41 0.00	42.89 -4.89 1.71	46.62 -5.94 0.53	41.93 -6.02 3.17	61.03 -8.30 3.74	46.92 -6.40 0.89	54.14 -8.10 4.26	42.07 -6.09 1.59	36.96 -7.09 14.06	32.44 -3.83 0.00	32.89 -3.22 0.00
BARON_WINDS___WT_PWR 323822	34.04 -2.02 0.00	35.92 -2.40 0.00	32.71 -2.29 0.00	31.50 -2.12 0.00	29.85 -1.98 0.00	40.73 -2.53 0.00	73.16 -5.35 0.00	41.15 -5.25 16.01	57.74 -5.05 0.00	43.54 -5.10 2.82	41.50 -4.61 0.00	11.70 -4.33 22.58	38.58 -4.72 0.08	41.72 -4.19 0.00	41.45 -4.76 3.29	46.43 -5.65 1.02	39.45 -5.58 6.08	58.24 -7.64 7.19	46.80 -5.69 1.71	51.14 -7.17 8.19	41.26 -5.44 3.05	24.65 -6.51 26.94	32.60 -3.66 0.00	32.92 -3.19 0.00
BARRETT_IC_1 23704	37.96 1.90 0.00	40.16 1.84 0.00	36.50 1.51 0.00	35.10 1.48 0.00	33.19 1.36 0.00	45.57 2.32 0.00	81.50 2.99 0.00	65.23 2.83 0.00	65.14 2.34 0.00	53.32 1.87 0.00	57.33 1.87 -9.34	40.15 1.54 0.00	45.28 1.90 0.00	48.06 2.15 0.00	51.74 2.25 0.00	56.97 2.30 -1.58	111.21 2.59 -57.50	103.33 3.78 -26.48	56.91 2.70 0.00	77.12 3.42 -7.19	54.93 2.79 -2.40	61.12 3.02 0.00	39.70 1.88 -1.56	37.65 1.53 0.00
BARRETT_IC_10 23701	37.96 1.90 0.00	40.16 1.84 0.00	36.50 1.51 0.00	35.10 1.48 0.00	33.19 1.36 0.00	45.57 2.32 0.00	81.50 2.99 0.00	65.23 2.83 0.00	65.14 2.34 0.00	53.32 1.87 0.00	57.33 1.87 -9.34	40.15 1.54 0.00	45.28 1.90 0.00	48.06 2.15 0.00	51.74 2.25 0.00	56.97 2.30 -1.58	111.21 2.59 -57.50	103.33 3.78 -26.48	56.91 2.70 0.00	77.12 3.42 -7.19	54.93 2.79 -2.40	61.12 3.02 0.00	39.70 1.88 -1.56	37.65 1.53 0.00
BARRETT_IC_11 23702	37.96 1.90 0.00	40.16 1.84 0.00	36.50 1.51 0.00	35.10 1.48 0.00	33.19 1.36 0.00	45.57 2.32 0.00	81.50 2.99 0.00	65.23 2.83 0.00	65.14 2.34 0.00	53.32 1.87 0.00	57.33 1.87 -9.34	40.15 1.54 0.00	45.28 1.90 0.00	48.06 2.15 0.00	51.74 2.25 0.00	56.97 2.30 -1.58	111.21 2.59 -57.50	103.33 3.78 -26.48	56.91 2.70 0.00	77.12 3.42 -7.19	54.93 2.79 -2.40	61.12 3.02 0.00	39.70 1.88 -1.56	37.65 1.53 0.00
BARRETT_IC_12 23703	37.96 1.90 0.00	40.16 1.84 0.00	36.50 1.51 0.00	35.10 1.48 0.00	33.19 1.36 0.00	45.57 2.32 0.00	81.50 2.99 0.00	65.23 2.83 0.00	65.14 2.34 0.00	53.32 1.87 0.00	57.33 1.87 -9.34	40.15 1.54 0.00	45.28 1.90 0.00	48.06 2.15 0.00	51.74 2.25 0.00	56.97 2.30 -1.58	111.21 2.59 -57.50	103.33 3.78 -26.48	56.91 2.70 0.00	77.12 3.42 -7.19	54.93 2.79 -2.40	61.12 3.02 0.00	39.70 1.88 -1.56	37.65 1.53 0.00
BARRETT_IC_2 23705	37.96 1.90 0.00	40.16 1.84 0.00	36.50 1.51 0.00	35.10 1.48 0.00	33.19 1.36 0.00	45.57 2.32 0.00	81.50 2.99 0.00	65.23 2.83 0.00	65.14 2.34 0.00	53.32 1.87 0.00	57.33 1.87 -9.34	40.15 1.54 0.00	45.28 1.90 0.00	48.06 2.15 0.00	51.74 2.25 0.00	56.97 2.30 -1.58	111.21 2.59 -57.50	103.33 3.78 -26.48	56.91 2.70 0.00	77.12 3.42 -7.19	54.93 2.79 -2.40	61.12 3.02 0.00	39.70 1.88 -1.56	37.65 1.53 0.00
BARRETT_IC_3 23706	37.96 1.90 0.00	40.16 1.84 0.00	36.50 1.51 0.00	35.10 1.48 0.00	33.19 1.36 0.00	45.57 2.32 0.00	81.50 2.99 0.00	65.23 2.83 0.00	65.14 2.34 0.00	53.32 1.87 0.00	57.33 1.87 -9.34	40.15 1.54 0.00	45.28 1.90 0.00	48.06 2.15 0.00	51.74 2.25 0.00	56.97 2.30 -1.58	111.21 2.59 -57.50	103.33 3.78 -26.48	56.91 2.70 0.00	77.12 3.42 -7.19	54.93 2.79 -2.40	61.12 3.02 0.00	39.70 1.88 -1.56	37.65 1.53 0.00
BARRETT_IC_4 23707	37.96 1.90 0.00	40.16 1.84 0.00	36.50 1.51 0.00	35.10 1.48 0.00	33.19 1.36 0.00	45.57 2.32 0.00	81.50 2.99 0.00	65.23 2.83 0.00	65.14 2.34 0.00	53.32 1.87 0.00	57.33 1.87 -9.34	40.15 1.54 0.00	45.28 1.90 0.00	48.06 2.15 0.00	51.74 2.25 0.00	56.97 2.30 -1.58	111.21 2.59 -57.50	103.33 3.78 -26.48	56.91 2.70 0.00	77.12 3.42 -7.19	54.93 2.79 -2.40	61.12 3.02 0.00	39.70 1.88 -1.56	37.65 1.53 0.00
BARRETT_IC_5 23708	37.96 1.90 0.00	40.16 1.84 0.00	36.50 1.51 0.00	35.10 1.48 0.00	33.19 1.36 0.00	45.57 2.32 0.00	81.50 2.99 0.00	65.23 2.83 0.00	65.14 2.34 0.00	53.32 1.87 0.00	57.33 1.87 -9.34	40.15 1.54 0.00	45.28 1.90 0.00	48.06 2.15 0.00	51.74 2.25 0.00	56.97 2.30 -1.58	111.21 2.59 -57.50	103.33 3.78 -26.48	56.91 2.70 0.00	77.12 3.42 -7.19	54.93 2.79 -2.40	61.12 3.02 0.00	39.70 1.88 -1.56	37.65 1.53 0.00

BARRETT_IC_6 23709	37.96 1.90 0.00	40.16 1.84 0.00	36.50 1.51 0.00	35.10 1.48 0.00	33.19 1.36 0.00	45.57 2.32 0.00	81.50 2.99 0.00	65.23 2.83 0.00	65.14 2.34 0.00	53.32 1.87 0.00	57.33 1.87 -9.34	40.15 1.54 0.00	45.28 1.90 0.00	48.06 2.15 0.00	51.74 2.25 0.00	56.97 2.30 -1.58	111.21 2.59 -57.50	103.33 3.78 -26.48	56.91 2.70 0.00	77.12 3.42 -7.19	54.93 2.79 -2.40	61.12 3.02 0.00	39.70 1.88 -1.56	37.65 1.53 0.00
BARRETT_IC_7 23710	37.96 1.90 0.00	40.16 1.85 0.00	36.51 1.51 0.00	35.10 1.48 0.00	33.19 1.37 0.00	45.57 2.32 0.00	81.50 2.99 0.00	65.23 2.83 0.00	65.13 2.33 0.00	53.32 1.86 0.00	57.34 1.88 -9.34	40.15 1.54 0.00	45.28 1.89 0.00	48.06 2.15 0.00	51.73 2.24 0.00	56.98 2.30 -1.58	111.23 2.61 -57.50	103.34 3.79 -26.48	56.92 2.71 0.00	77.13 3.44 -7.19	54.93 2.79 -2.40	61.12 3.02 0.00	39.70 1.87 -1.56	37.64 1.53 0.00
BARRETT_IC_8 23711	37.96 1.90 0.00	40.16 1.84 0.00	36.50 1.51 0.00	35.10 1.48 0.00	33.19 1.36 0.00	45.57 2.32 0.00	81.50 2.99 0.00	65.23 2.83 0.00	65.14 2.34 0.00	53.32 1.87 0.00	57.33 1.87 -9.34	40.15 1.54 0.00	45.28 1.90 0.00	48.06 2.15 0.00	51.74 2.25 0.00	56.97 2.30 -1.58	111.21 2.59 -57.50	103.33 3.78 -26.48	56.91 2.70 0.00	77.12 3.42 -7.19	54.93 2.79 -2.40	61.12 3.02 0.00	39.70 1.88 -1.56	37.65 1.53 0.00
BARRETT_IC_9 23700	37.96 1.90 0.00	40.16 1.84 0.00	36.50 1.51 0.00	35.10 1.48 0.00	33.19 1.36 0.00	45.57 2.32 0.00	81.50 2.99 0.00	65.23 2.83 0.00	65.14 2.34 0.00	53.32 1.87 0.00	57.33 1.87 -9.34	40.15 1.54 0.00	45.28 1.90 0.00	48.06 2.15 0.00	51.74 2.25 0.00	56.97 2.30 -1.58	111.21 2.59 -57.50	103.33 3.78 -26.48	56.91 2.70 0.00	77.12 3.42 -7.19	54.93 2.79 -2.40	61.12 3.02 0.00	39.70 1.88 -1.56	37.65 1.53 0.00
BARRETT___1 23545	37.96 1.90 0.00	40.16 1.84 0.00	36.50 1.51 0.00	35.10 1.48 0.00	33.19 1.36 0.00	45.57 2.32 0.00	81.50 2.99 0.00	65.23 2.83 0.00	65.14 2.34 0.00	53.32 1.87 0.00	57.33 1.87 -9.34	40.15 1.54 0.00	45.28 1.90 0.00	48.06 2.15 0.00	51.74 2.25 0.00	56.97 2.30 -1.58	111.21 2.59 -57.50	103.33 3.78 -26.48	56.91 2.70 0.00	77.12 3.42 -7.19	54.93 2.79 -2.40	61.12 3.02 0.00	39.70 1.88 -1.56	37.65 1.53 0.00
BARRETT___2 23546	37.96 1.90 0.00	40.16 1.84 0.00	36.50 1.51 0.00	35.10 1.48 0.00	33.19 1.36 0.00	45.57 2.32 0.00	81.50 2.99 0.00	65.23 2.83 0.00	65.14 2.34 0.00	53.32 1.87 0.00	57.33 1.87 -9.34	40.15 1.54 0.00	45.28 1.90 0.00	48.06 2.15 0.00	51.74 2.25 0.00	56.97 2.30 -1.58	111.21 2.59 -57.50	103.33 3.78 -26.48	56.91 2.70 0.00	77.12 3.42 -7.19	54.93 2.79 -2.40	61.12 3.02 0.00	39.70 1.88 -1.56	37.65 1.53 0.00
BATAVIA___115KV_TB1 55881	34.69 -1.37 0.00	36.42 -1.90 0.00	33.07 -1.92 0.00	31.73 -1.89 0.00	30.15 -1.68 0.00	40.85 -2.40 0.00	73.25 -5.26 0.00	51.63 -4.62 6.16	58.97 -3.83 0.00	46.72 -3.66 1.07	43.17 -2.95 0.00	28.90 -2.43 7.28	40.40 -2.95 0.03	43.27 -2.64 0.00	45.42 -2.84 1.23	48.85 -3.86 0.38	44.84 -4.00 2.27	65.06 -5.33 2.68	49.26 -4.31 0.64	58.01 -5.44 3.06	44.45 -4.15 1.14	43.26 -4.78 10.06	33.75 -2.51 0.00	34.19 -1.92 0.00
BAYONEEC___CTG1 323682	37.96 1.90 0.00	40.21 1.89 0.00	36.61 1.61 0.00	35.17 1.56 0.00	33.34 1.50 0.00	45.67 2.41 0.00	82.32 3.81 0.00	65.51 3.11 0.00	65.52 2.72 0.00	53.68 2.23 0.00	57.52 1.97 -9.43	40.45 1.83 0.00	45.59 2.20 0.00	48.51 2.60 0.00	52.20 2.71 0.00	55.74 2.64 0.00	53.98 2.87 0.00	77.13 4.06 0.00	57.15 2.94 0.00	69.86 3.36 0.00	52.50 2.76 0.00	61.39 3.29 0.00	38.33 2.07 0.00	37.95 1.84 0.00
BAYONEEC___CTG10 323750	37.96 1.90 0.00	40.21 1.89 0.00	36.61 1.61 0.00	35.17 1.56 0.00	33.34 1.50 0.00	45.67 2.41 0.00	82.32 3.81 0.00	65.51 3.11 0.00	65.52 2.72 0.00	53.68 2.23 0.00	57.52 1.97 -9.43	40.45 1.83 0.00	45.59 2.20 0.00	48.51 2.60 0.00	52.20 2.71 0.00	55.74 2.64 0.00	53.98 2.87 0.00	77.13 4.06 0.00	57.15 2.94 0.00	69.86 3.36 0.00	52.50 2.76 0.00	61.39 3.29 0.00	38.33 2.07 0.00	37.95 1.84 0.00
BAYONEEC___CTG2 323683	37.96 1.90 0.00	40.21 1.89 0.00	36.61 1.61 0.00	35.17 1.56 0.00	33.34 1.50 0.00	45.67 2.41 0.00	82.32 3.81 0.00	65.51 3.11 0.00	65.52 2.72 0.00	53.68 2.23 0.00	57.52 1.97 -9.43	40.45 1.83 0.00	45.59 2.20 0.00	48.51 2.60 0.00	52.20 2.71 0.00	55.74 2.64 0.00	53.98 2.87 0.00	77.13 4.06 0.00	57.15 2.94 0.00	69.86 3.36 0.00	52.50 2.76 0.00	61.39 3.29 0.00	38.33 2.07 0.00	37.95 1.84 0.00
BAYONEEC___CTG3 323684	37.96 1.90 0.00	40.21 1.89 0.00	36.61 1.61 0.00	35.17 1.56 0.00	33.34 1.50 0.00	45.67 2.41 0.00	82.32 3.81 0.00	65.51 3.11 0.00	65.52 2.72 0.00	53.68 2.23 0.00	57.52 1.97 -9.43	40.45 1.83 0.00	45.59 2.20 0.00	48.51 2.60 0.00	52.20 2.71 0.00	55.74 2.64 0.00	53.98 2.87 0.00	77.13 4.06 0.00	57.15 2.94 0.00	69.86 3.36 0.00	52.50 2.76 0.00	61.39 3.29 0.00	38.33 2.07 0.00	37.95 1.84 0.00
BAYONEEC___CTG4 323685	37.96 1.90 0.00	40.21 1.89 0.00	36.61 1.61 0.00	35.17 1.56 0.00	33.34 1.50 0.00	45.67 2.41 0.00	82.32 3.81 0.00	65.51 3.11 0.00	65.52 2.72 0.00	53.68 2.23 0.00	57.52 1.97 -9.43	40.45 1.83 0.00	45.59 2.20 0.00	48.51 2.60 0.00	52.20 2.71 0.00	55.74 2.64 0.00	53.98 2.87 0.00	77.13 4.06 0.00	57.15 2.94 0.00	69.86 3.36 0.00	52.50 2.76 0.00	61.39 3.29 0.00	38.33 2.07 0.00	37.95 1.84 0.00
BAYONEEC___CTG5 323686	37.96 1.90 0.00	40.21 1.89 0.00	36.61 1.61 0.00	35.17 1.56 0.00	33.34 1.50 0.00	45.67 2.41 0.00	82.32 3.81 0.00	65.51 3.11 0.00	65.52 2.72 0.00	53.68 2.23 0.00	57.52 1.97 -9.43	40.45 1.83 0.00	45.59 2.20 0.00	48.51 2.60 0.00	52.20 2.71 0.00	55.74 2.64 0.00	53.98 2.87 0.00	77.13 4.06 0.00	57.15 2.94 0.00	69.86 3.36 0.00	52.50 2.76 0.00	61.39 3.29 0.00	38.33 2.07 0.00	37.95 1.84 0.00
BAYONEEC___CTG6 323687	37.96 1.90 0.00	40.21 1.89 0.00	36.61 1.61 0.00	35.17 1.56 0.00	33.34 1.50 0.00	45.67 2.41 0.00	82.32 3.81 0.00	65.51 3.11 0.00	65.52 2.72 0.00	53.68 2.23 0.00	57.52 1.97 -9.43	40.45 1.83 0.00	45.59 2.20 0.00	48.51 2.60 0.00	52.20 2.71 0.00	55.74 2.64 0.00	53.98 2.87 0.00	77.13 4.06 0.00	57.15 2.94 0.00	69.86 3.36 0.00	52.50 2.76 0.00	61.39 3.29 0.00	38.33 2.07 0.00	37.95 1.84 0.00
BAYONEEC___CTG7 323688	37.96 1.90 0.00	40.21 1.89 0.00	36.61 1.61 0.00	35.17 1.56 0.00	33.34 1.50 0.00	45.67 2.41 0.00	82.32 3.81 0.00	65.51 3.11 0.00	65.52 2.72 0.00	53.68 2.23 0.00	57.52 1.97 -9.43	40.45 1.83 0.00	45.59 2.20 0.00	48.51 2.60 0.00	52.20 2.71 0.00	55.74 2.64 0.00	53.98 2.87 0.00	77.13 4.06 0.00	57.15 2.94 0.00	69.86 3.36 0.00	52.50 2.76 0.00	61.39 3.29 0.00	38.33 2.07 0.00	37.95 1.84 0.00

BAYONEEC___CTG8 323689	37.96 1.90 0.00	40.21 1.89 0.00	36.61 1.61 0.00	35.17 1.56 0.00	33.34 1.50 0.00	45.67 2.41 0.00	82.32 3.81 0.00	65.51 3.11 0.00	65.52 2.72 0.00	53.68 2.23 0.00	57.52 1.97 -9.43	40.45 1.83 0.00	45.59 2.20 0.00	48.51 2.60 0.00	52.20 2.71 0.00	55.74 2.64 0.00	53.98 2.87 0.00	77.13 4.06 0.00	57.15 2.94 0.00	69.86 3.36 0.00	52.50 2.76 0.00	61.39 3.29 0.00	38.33 2.07 0.00	37.95 1.84 0.00
BAYONEEC___CTG9 323749	37.96 1.90 0.00	40.21 1.89 0.00	36.61 1.61 0.00	35.17 1.56 0.00	33.34 1.50 0.00	45.67 2.41 0.00	82.32 3.81 0.00	65.51 3.11 0.00	65.52 2.72 0.00	53.68 2.23 0.00	57.52 1.97 -9.43	40.45 1.83 0.00	45.59 2.20 0.00	48.51 2.60 0.00	52.20 2.71 0.00	55.74 2.64 0.00	53.98 2.87 0.00	77.13 4.06 0.00	57.15 2.94 0.00	69.86 3.36 0.00	52.50 2.76 0.00	61.39 3.29 0.00	38.33 2.07 0.00	37.95 1.84 0.00
BEACON___LESR 323632	36.77 0.70 0.00	39.15 0.83 0.00	35.79 0.80 0.00	34.37 0.75 0.00	32.65 0.82 0.00	44.47 1.22 0.00	80.44 1.93 0.00	63.82 1.41 0.00	64.15 1.35 0.00	52.73 1.28 0.00	47.17 1.06 0.00	39.51 0.90 0.00	44.38 1.00 0.00	46.90 0.99 0.00	50.92 1.43 0.00	54.50 1.40 0.00	52.55 1.44 0.00	74.80 1.73 0.00	55.78 1.57 0.00	68.25 1.74 0.00	51.21 1.46 0.00	59.70 1.60 0.00	37.17 0.90 0.00	37.03 0.92 0.00
BEAVER RIVER___HYD 24048	36.53 0.47 0.00	38.83 0.51 0.00	35.39 0.40 0.00	33.96 0.35 0.00	32.16 0.33 0.00	43.58 0.33 0.00	80.77 2.26 0.00	64.36 1.96 0.00	64.22 1.42 0.00	52.21 0.76 0.00	46.32 0.21 0.00	39.11 0.50 0.00	44.14 0.76 0.00	46.39 0.48 0.00	49.91 0.42 0.00	53.06 -0.04 0.00	50.69 -0.43 0.00	73.11 0.04 0.00	54.49 0.28 0.00	67.55 1.04 0.00	49.84 0.09 0.00	58.29 0.19 0.00	36.53 0.26 0.00	36.08 -0.03 0.00
BEEBEE_GT_13 23619	34.71 -1.35 0.00	36.56 -1.75 0.00	33.27 -1.73 0.00	31.92 -1.70 0.00	30.30 -1.53 0.00	41.14 -2.12 0.00	74.22 -4.29 0.00	54.54 -3.70 4.16	59.63 -3.16 0.00	47.91 -2.82 0.73	43.74 -2.38 0.00	31.56 -2.07 4.98	41.02 -2.34 0.02	43.73 -2.18 0.00	46.31 -2.37 0.81	49.78 -3.06 0.25	46.53 -3.08 1.51	67.19 -4.10 1.78	50.53 -3.26 0.42	60.36 -4.12 2.03	45.84 -3.15 0.75	47.74 -3.71 6.65	34.23 -2.04 0.00	34.43 -1.68 0.00
BENSHRST_27_KV_BENSHRST_1 355998	38.29 2.23 0.00	40.57 2.25 0.00	36.92 1.93 0.00	35.47 1.85 0.00	33.61 1.78 0.00	46.01 2.76 0.00	82.79 4.28 0.00	65.96 3.55 0.00	65.99 3.19 0.00	54.10 2.64 0.00	57.94 2.42 -9.41	40.82 2.20 0.00	45.99 2.60 0.00	48.92 3.01 0.00	52.58 3.09 0.00	56.11 3.01 0.00	54.39 3.27 0.00	77.74 4.67 0.00	57.61 3.40 0.00	70.45 3.94 0.00	53.03 3.29 0.00	61.99 3.90 0.00	38.73 2.46 0.00	38.32 2.21 0.00
BETHLEHEM___GRP 23843	36.26 0.20 0.00	38.60 0.29 0.00	35.34 0.34 0.00	33.97 0.35 0.00	32.18 0.34 0.00	43.77 0.52 0.00	79.04 0.53 0.00	62.77 0.36 0.00	63.07 0.27 0.00	51.88 0.43 0.00	46.54 0.42 0.00	39.02 0.40 0.00	43.74 0.36 0.00	46.24 0.33 0.00	50.13 0.64 0.00	53.69 0.60 0.00	51.77 0.65 0.00	73.60 0.53 0.00	54.86 0.65 0.00	67.19 0.68 0.00	50.43 0.69 0.00	58.82 0.72 0.00	36.68 0.41 0.00	36.54 0.43 0.00
BETHLEHEM___GS1 323560	36.26 0.20 0.00	38.60 0.29 0.00	35.33 0.34 0.00	33.97 0.35 0.00	32.18 0.34 0.00	43.77 0.52 0.00	79.05 0.54 0.00	62.77 0.36 0.00	63.07 0.28 0.00	51.88 0.43 0.00	46.54 0.42 0.00	39.02 0.40 0.00	43.74 0.36 0.00	46.24 0.33 0.00	50.13 0.64 0.00	53.68 0.59 0.00	51.77 0.65 0.00	73.60 0.53 0.00	54.86 0.65 0.00	67.19 0.68 0.00	50.43 0.69 0.00	58.81 0.72 0.00	36.68 0.41 0.00	36.54 0.43 0.00
BETHLEHEM___GS2 323561	36.26 0.20 0.00	38.60 0.29 0.00	35.33 0.34 0.00	33.97 0.35 0.00	32.18 0.34 0.00	43.77 0.52 0.00	79.05 0.54 0.00	62.77 0.36 0.00	63.07 0.28 0.00	51.88 0.43 0.00	46.54 0.42 0.00	39.02 0.40 0.00	43.74 0.36 0.00	46.24 0.33 0.00	50.13 0.64 0.00	53.68 0.59 0.00	51.77 0.65 0.00	73.60 0.53 0.00	54.86 0.65 0.00	67.19 0.68 0.00	50.43 0.69 0.00	58.81 0.72 0.00	36.68 0.41 0.00	36.54 0.43 0.00
BETHLEHEM___GS3 323562	36.26 0.20 0.00	38.60 0.29 0.00	35.33 0.34 0.00	33.97 0.35 0.00	32.18 0.34 0.00	43.77 0.52 0.00	79.05 0.54 0.00	62.77 0.36 0.00	63.07 0.28 0.00	51.88 0.43 0.00	46.54 0.42 0.00	39.02 0.40 0.00	43.74 0.36 0.00	46.24 0.33 0.00	50.13 0.64 0.00	53.68 0.59 0.00	51.77 0.65 0.00	73.60 0.53 0.00	54.86 0.65 0.00	67.19 0.68 0.00	50.43 0.69 0.00	58.81 0.72 0.00	36.68 0.41 0.00	36.54 0.43 0.00
BETHLEHEM___STEEL 23779	33.92 -2.15 0.00	35.62 -2.70 0.00	32.31 -2.68 0.00	30.98 -2.64 0.00	29.43 -2.40 0.00	39.84 -3.42 0.00	71.23 -7.28 0.00	47.35 -6.51 8.55	57.02 -5.77 0.00	44.79 -5.17 1.49	41.65 -4.47 0.00	24.69 -3.80 10.12	38.89 -4.44 0.05	41.73 -4.18 0.00	43.12 -4.65 1.72	46.81 -5.75 0.53	42.03 -5.90 3.19	61.28 -8.03 3.76	47.04 -6.27 0.90	54.40 -7.82 4.29	42.27 -5.87 1.60	37.26 -6.71 14.14	32.60 -3.66 0.00	33.10 -3.01 0.00
BETHLHEM_115KV_TB1 79974	36.33 0.27 0.00	38.68 0.37 0.00	35.40 0.41 0.00	34.01 0.39 0.00	32.23 0.40 0.00	43.86 0.60 0.00	79.19 0.68 0.00	62.89 0.49 0.00	63.19 0.39 0.00	51.95 0.50 0.00	46.60 0.48 0.00	39.06 0.44 0.00	43.81 0.43 0.00	46.32 0.41 0.00	50.20 0.71 0.00	53.76 0.66 0.00	51.83 0.71 0.00	73.73 0.66 0.00	54.93 0.72 0.00	67.28 0.77 0.00	50.50 0.75 0.00	58.90 0.80 0.00	36.73 0.46 0.00	36.58 0.47 0.00
BETHPAGE_CC_5 323564	38.00 1.93 0.00	40.20 1.88 0.00	36.52 1.53 0.00	35.11 1.49 0.00	33.16 1.32 0.00	45.57 2.32 0.00	81.82 3.31 0.00	65.60 3.19 0.00	65.48 2.68 0.00	53.61 2.16 0.00	57.33 1.87 -9.34	40.09 1.48 0.00	45.28 1.89 0.00	48.18 2.27 0.00	51.80 2.31 0.00	57.33 2.39 -1.85	121.37 2.93 -67.33	108.25 4.18 -31.00	57.06 2.85 0.00	78.66 3.74 -8.42	55.56 3.01 -2.81	61.36 3.27 0.00	40.16 2.07 -1.82	37.79 1.67 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.00 -2.07 0.00	35.71 -2.61 0.00	32.39 -2.61 0.00	31.05 -2.56 0.00	29.51 -2.32 0.00	39.95 -3.31 0.00	71.52 -6.99 0.00	47.44 -6.12 8.84	57.35 -5.45 0.00	44.92 -4.99 1.54	41.77 -4.34 0.00	24.49 -3.73 10.40	38.99 -4.35 0.05	41.84 -4.07 0.00	43.20 -4.54 1.76	46.95 -5.59 0.55	42.11 -5.76 3.25	61.40 -7.82 3.85	47.14 -6.15 0.92	54.45 -7.67 4.38	42.36 -5.75 1.63	37.11 -6.55 14.44	32.66 -3.60 0.00	33.14 -2.97 0.00
BINGHAMTON___COGEN 23790	35.86 -0.20 0.00	38.07 -0.24 0.00	34.72 -0.27 0.00	33.39 -0.23 0.00	31.61 -0.23 0.00	43.12 -0.14 0.00	78.10 -0.41 0.00	60.00 -0.59 1.82	62.25 -0.55 0.00	50.38 -0.79 0.29	45.37 -0.75 0.00	33.87 -0.71 4.04	42.67 -0.71 0.01	45.46 -0.45 0.00	48.60 -0.57 0.32	52.22 -0.78 0.10	49.82 -0.69 0.60	71.36 -1.00 0.71	53.30 -0.74 0.17	64.61 -1.05 0.85	48.45 -0.73 0.56	52.22 -0.92 4.96	35.77 -0.50 0.00	35.68 -0.43 0.00

BIXINCNT_115KV_LOAD 355685	34.24 -1.82 0.00	35.93 -2.39 0.00	32.58 -2.41 0.00	31.23 -2.39 0.00	29.76 -2.07 0.00	40.34 -2.91 0.00	72.62 -5.89 0.00	47.18 -6.01 9.22	56.77 -6.02 0.00	44.54 -5.21 1.71	41.53 -4.58 0.00	22.11 -4.62 11.89	38.19 -5.14 0.05	41.02 -4.89 0.00	42.18 -5.35 1.96	46.57 -5.91 0.61	40.90 -6.58 3.63	59.39 -9.39 4.29	45.88 -7.31 1.02	52.64 -8.97 4.90	41.35 -6.57 1.83	34.74 -7.22 16.14	31.95 -4.31 0.00	32.24 -3.88 0.00
BLACK RIVER___HYD 24047	36.38 0.31 0.00	38.64 0.32 0.00	35.15 0.16 0.00	33.74 0.12 0.00	31.97 0.13 0.00	43.39 0.14 0.00	80.62 2.11 0.00	64.31 1.91 0.00	64.11 1.31 0.00	52.04 0.59 0.00	46.11 -0.01 0.00	39.04 0.42 0.00	44.14 0.75 0.00	46.18 0.27 0.00	49.72 0.22 0.00	52.79 -0.31 0.00	50.54 -0.58 0.00	72.95 -0.12 0.00	54.44 0.23 0.00	67.67 1.17 0.00	49.74 -0.01 0.00	58.19 0.09 0.00	36.40 0.13 0.00	35.79 -0.33 0.00
BLACKRVR_115KV_TB2 79977	36.37 0.31 0.00	38.64 0.32 0.00	35.15 0.16 0.00	33.74 0.12 0.00	31.97 0.13 0.00	43.39 0.14 0.00	80.62 2.11 0.00	64.32 1.92 0.00	64.11 1.31 0.00	52.04 0.58 0.00	46.11 -0.01 0.00	39.04 0.42 0.00	44.14 0.75 0.00	46.18 0.27 0.00	49.72 0.22 0.00	52.79 -0.31 0.00	50.54 -0.58 0.00	72.95 -0.12 0.00	54.44 0.23 0.00	67.67 1.17 0.00	49.73 -0.01 0.00	58.19 0.09 0.00	36.40 0.14 0.00	35.78 -0.33 0.00
BLDWN_LI_69_KV_BK4 356085	38.20 2.14 0.00	40.41 2.09 0.00	36.72 1.72 0.00	35.31 1.69 0.00	33.39 1.55 0.00	45.86 2.61 0.00	82.14 3.63 0.00	65.94 3.54 0.00	65.65 2.85 0.00	53.79 2.33 0.00	57.60 2.14 -9.34	40.23 1.61 0.00	45.45 2.06 0.00	48.30 2.39 0.00	51.99 2.50 0.00	57.72 2.57 -2.05	128.89 2.99 -74.78	111.83 4.32 -34.43	57.35 3.14 0.00	80.03 4.17 -9.35	56.16 3.29 -3.12	61.69 3.59 0.00	40.52 2.23 -2.02	37.97 1.86 0.00
BLISS_WT_PWR 323608	34.20 -1.87 0.00	35.88 -2.44 0.00	32.52 -2.47 0.00	31.17 -2.45 0.00	29.72 -2.11 0.00	40.27 -2.98 0.00	72.49 -6.03 0.00	46.89 -6.29 9.22	56.34 -6.45 0.00	44.26 -5.49 1.71	41.32 -4.80 0.00	21.73 -5.00 11.89	37.84 -5.49 0.05	40.63 -5.28 0.00	41.79 -5.74 1.96	46.27 -6.21 0.61	40.42 -7.06 3.63	58.57 -10.21 4.29	45.30 -7.89 1.02	51.93 -9.68 4.90	40.89 -7.03 1.83	34.26 -7.70 16.14	31.59 -4.67 0.00	31.86 -4.26 0.00
BLUESTONE___WT_PWR 323821	35.97 -0.10 0.00	38.70 0.38 0.00	35.50 0.51 0.00	34.13 0.51 0.00	32.44 0.61 0.00	44.38 1.13 0.00	80.74 2.23 0.00	66.83 0.73 -3.70	62.74 -0.06 0.00	51.51 -0.59 -0.64	44.85 -1.27 0.00	41.59 -1.42 -4.40	41.99 -1.42 -0.03	44.85 -1.06 0.00	49.39 -1.13 -1.03	52.30 -1.12 -0.32	51.89 -1.82 -1.91	73.50 -1.82 -2.25	53.41 -1.33 -0.54	66.74 -2.29 -2.52	49.96 -0.47 -0.69	61.22 -0.63 -3.76	32.95 -3.31 0.00	32.69 -3.43 0.00
BLUE_CIRC_CHEM_DRP 24182	36.69 0.63 0.00	39.06 0.75 0.00	35.75 0.76 0.00	34.35 0.73 0.00	32.54 0.71 0.00	44.27 1.02 0.00	79.97 1.46 0.00	63.46 1.06 0.00	63.71 0.91 0.00	52.35 0.90 0.00	46.85 0.74 0.00	39.26 0.65 0.00	44.08 0.70 0.00	46.55 0.64 0.00	50.43 0.94 0.00	54.11 1.02 0.00	52.10 0.99 0.00	74.24 1.17 0.00	55.30 1.09 0.00	67.77 1.26 0.00	50.84 1.10 0.00	59.32 1.23 0.00	37.00 0.74 0.00	36.85 0.74 0.00
BOC_GAS_DRP 24189	36.51 0.44 0.00	38.85 0.53 0.00	35.53 0.54 0.00	34.14 0.52 0.00	32.33 0.50 0.00	44.01 0.76 0.00	79.48 0.97 0.00	63.15 0.74 0.00	63.41 0.61 0.00	52.07 0.61 0.00	46.68 0.57 0.00	39.13 0.52 0.00	43.93 0.54 0.00	46.50 0.59 0.00	50.31 0.81 0.00	53.85 0.76 0.00	51.92 0.80 0.00	73.91 0.84 0.00	55.01 0.80 0.00	67.40 0.90 0.00	50.58 0.83 0.00	59.02 0.92 0.00	36.82 0.56 0.00	36.64 0.52 0.00
BOONVILLE_115KV_TB1 79983	36.67 0.60 0.00	39.01 0.69 0.00	35.59 0.60 0.00	34.19 0.58 0.00	32.38 0.55 0.00	44.04 0.79 0.00	80.79 2.28 0.00	64.22 1.81 0.00	64.30 1.50 0.00	52.38 0.92 0.00	46.71 0.59 0.00	39.29 0.68 0.00	44.24 0.86 0.00	46.77 0.86 0.00	50.43 0.94 0.00	53.78 0.69 0.00	51.61 0.50 0.00	73.98 0.90 0.00	55.08 0.87 0.00	67.79 1.28 0.00	50.36 0.62 0.00	58.78 0.68 0.00	36.76 0.49 0.00	36.45 0.34 0.00
BORALEX_4TH_BRANCH 23824	36.87 0.81 0.00	39.34 1.02 0.00	36.09 1.10 0.00	34.65 1.03 0.00	33.09 1.25 0.00	44.85 1.60 0.00	80.57 2.06 0.00	63.86 1.46 0.00	63.97 1.17 0.00	52.82 1.37 0.00	47.55 1.43 0.00	39.90 1.29 0.00	44.65 1.27 0.00	46.95 1.04 0.00	51.25 1.76 0.00	54.92 1.82 0.00	52.88 1.77 0.00	74.72 1.64 0.00	56.25 2.04 0.00	68.87 2.36 0.00	51.79 2.05 0.00	60.22 2.12 0.00	37.55 1.29 0.00	37.38 1.27 0.00
BOWLINE___1 23526	37.54 1.48 0.00	39.79 1.47 0.00	36.24 1.24 0.00	34.82 1.20 0.00	32.98 1.15 0.00	45.21 1.96 0.00	81.72 3.21 0.00	64.97 2.56 0.00	64.87 2.07 0.00	53.07 1.62 0.00	72.94 1.35 -25.48	39.82 1.21 0.00	44.90 1.51 0.00	47.81 1.90 0.00	51.53 2.04 0.00	55.10 2.01 0.00	53.33 2.21 0.00	76.23 3.16 0.00	56.51 2.30 0.00	69.13 2.63 0.00	51.86 2.12 0.00	60.61 2.52 0.00	37.81 1.54 0.00	37.50 1.39 0.00
BOWLINE___2 23595	37.53 1.47 0.00	39.78 1.46 0.00	36.23 1.24 0.00	34.81 1.19 0.00	32.97 1.14 0.00	45.21 1.96 0.00	81.67 3.17 0.00	64.93 2.53 0.00	64.85 2.06 0.00	53.06 1.61 0.00	73.83 1.34 -26.37	39.80 1.19 0.00	44.88 1.49 0.00	47.78 1.87 0.00	51.51 2.02 0.00	55.09 2.00 0.00	53.31 2.20 0.00	76.22 3.15 0.00	56.50 2.29 0.00	69.12 2.61 0.00	51.84 2.10 0.00	60.60 2.50 0.00	37.80 1.54 0.00	37.49 1.37 0.00
BRADY___115KV_TB2 356060	37.46 1.39 0.00	39.78 1.46 0.00	36.28 1.28 0.00	34.85 1.23 0.00	33.00 1.17 0.00	44.68 1.43 0.00	81.87 3.36 0.00	65.13 2.73 0.00	65.82 3.02 0.00	54.02 2.57 0.00	48.44 2.32 0.00	40.47 1.85 0.00	45.45 2.07 0.00	48.02 2.11 0.00	51.63 2.14 0.00	55.54 2.44 0.00	53.19 2.07 0.00	76.66 3.59 0.00	56.53 2.32 0.00	69.55 3.04 0.00	51.91 2.17 0.00	60.71 2.61 0.00	37.84 1.58 0.00	37.69 1.57 0.00
BRANSCOMB___SOLAR 323811	37.09 1.03 0.00	39.52 1.20 0.00	36.19 1.20 0.00	34.75 1.14 0.00	33.07 1.23 0.00	44.99 1.73 0.00	81.37 2.86 0.00	64.59 2.19 0.00	64.77 1.98 0.00	53.28 1.83 0.00	47.75 1.63 0.00	39.99 1.38 0.00	44.89 1.51 0.00	47.43 1.52 0.00	51.57 2.08 0.00	55.23 2.14 0.00	53.31 2.19 0.00	75.63 2.55 0.00	56.56 2.34 0.00	69.21 2.71 0.00	51.94 2.20 0.00	60.38 2.29 0.00	37.64 1.38 0.00	37.44 1.33 0.00
BRDGHMPT_69_KV_BK1 55812	37.75 1.68 0.00	39.91 1.59 0.00	36.50 1.51 0.00	35.39 1.77 0.00	33.43 1.60 0.00	46.71 3.46 0.00	83.91 5.40 0.00	67.52 5.12 0.00	67.37 4.57 0.00	54.32 2.86 0.00	57.51 2.05 -9.34	39.76 1.15 0.00	45.18 1.79 0.00	48.58 2.67 0.00	52.36 2.87 0.00	57.48 2.85 -1.54	111.27 4.18 -55.97	103.92 5.08 -25.77	56.01 1.80 0.00	76.83 3.32 -7.00	54.66 2.59 -2.33	60.14 2.04 0.00	39.69 1.91 -1.52	37.42 1.31 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	38.26 2.20 0.00	40.45 2.14 0.00	36.72 1.72 0.00	35.35 1.73 0.00	33.45 1.62 0.00	46.08 2.83 0.00	82.82 4.31 0.00	66.40 4.00 0.00	66.39 3.59 0.00	54.13 2.67 0.00	57.73 2.27 -9.34	40.36 1.74 0.00	45.56 2.18 0.00	48.56 2.66 0.00	52.27 2.78 0.00	57.65 2.97 -1.59	112.58 3.67 -57.79	104.93 5.25 -26.61	57.67 3.46 0.00	78.37 4.64 -7.23	55.83 3.68 -2.41	61.77 3.68 0.00	40.22 2.38 -1.57	38.01 1.90 0.00
BRISTLHL_115KV_TB1 79998	34.94 -1.12 0.00	37.07 -1.25 0.00	33.84 -1.16 0.00	32.51 -1.10 0.00	30.81 -1.02 0.00	41.90 -1.35 0.00	75.99 -2.52 0.00	60.39 -2.02 0.00	60.74 -2.05 0.00	49.68 -1.78 0.00	44.49 -1.62 0.00	37.28 -1.33 0.00	41.95 -1.43 0.00	44.44 -1.47 0.00	47.93 -1.56 0.00	51.28 -1.81 0.00	49.42 -1.70 0.00	70.64 -2.43 0.00	52.42 -1.80 0.00	64.23 -2.27 0.00	48.01 -1.73 0.00	56.03 -2.06 0.00	35.00 -1.27 0.00	34.86 -1.26 0.00
BROOKHAVEN___DRP 24191	37.83 1.77 0.00	40.12 1.81 0.00	36.39 1.40 0.00	35.22 1.60 0.00	33.26 1.43 0.00	45.97 2.72 0.00	82.51 4.00 0.00	66.22 3.82 0.00	66.16 3.36 0.00	53.66 2.20 0.00	57.11 1.66 -9.34	39.79 1.18 0.00	44.92 1.54 0.00	48.17 2.26 0.00	51.89 2.40 0.00	56.97 2.34 -1.54	110.51 3.47 -55.92	103.59 4.76 -25.75	56.45 2.23 0.00	77.19 3.70 -6.99	55.01 2.93 -2.33	60.72 2.63 0.00	39.95 2.16 -1.52	37.77 1.66 0.00
BROOKLYN_NAVY_YARD 23515	37.90 1.83 0.00	40.13 1.82 0.00	36.53 1.53 0.00	35.10 1.48 0.00	33.27 1.44 0.00	45.59 2.33 0.00	82.23 3.72 0.00	65.50 3.09 0.00	65.52 2.72 0.00	53.68 2.23 0.00	57.53 1.98 -9.43	40.44 1.83 0.00	45.59 2.20 0.00	48.49 2.58 0.00	52.18 2.69 0.00	55.72 2.63 0.00	53.96 2.84 0.00	77.05 3.98 0.00	57.10 2.89 0.00	69.78 3.28 0.00	52.44 2.70 0.00	61.32 3.22 0.00	38.27 2.00 0.00	37.88 1.77 0.00
BROOKLYN___ARMY_DRP 323595	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.34 1.73 0.00	33.49 1.66 0.00	45.84 2.59 0.00	82.43 3.91 0.00	65.66 3.26 0.00	65.68 2.87 0.00	53.84 2.38 0.00	57.72 2.19 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.78 0.00	52.33 2.84 0.00	55.84 2.75 0.00	54.13 3.01 0.00	77.32 4.25 0.00	57.31 3.10 0.00	70.08 3.58 0.00	52.76 3.02 0.00	61.69 3.60 0.00	38.56 2.30 0.00	38.15 2.04 0.00
BROOME_2_LFGE 323671	35.86 -0.20 0.00	38.08 -0.24 0.00	34.72 -0.27 0.00	33.39 -0.23 0.00	31.61 -0.23 0.00	43.12 -0.13 0.00	78.10 -0.41 0.00	59.99 -0.59 1.82	62.25 -0.55 0.00	50.37 -0.80 0.29	45.37 -0.75 0.00	33.86 -0.72 4.04	42.67 -0.71 0.01	45.46 -0.45 0.00	48.59 -0.57 0.32	52.22 -0.78 0.10	49.81 -0.70 0.60	71.36 -1.01 0.71	53.30 -0.74 0.17	64.61 -1.05 0.85	48.45 -0.73 0.56	52.21 -0.93 4.96	35.76 -0.50 0.00	35.69 -0.43 0.00
BROOME___LFGE 323600	35.86 -0.20 0.00	38.08 -0.24 0.00	34.72 -0.27 0.00	33.39 -0.23 0.00	31.61 -0.23 0.00	43.12 -0.13 0.00	78.10 -0.41 0.00	59.99 -0.59 1.82	62.25 -0.55 0.00	50.37 -0.80 0.29	45.37 -0.75 0.00	33.86 -0.72 4.04	42.67 -0.71 0.01	45.46 -0.45 0.00	48.59 -0.57 0.32	52.22 -0.78 0.10	49.81 -0.70 0.60	71.36 -1.01 0.71	53.30 -0.74 0.17	64.61 -1.05 0.85	48.45 -0.73 0.56	52.21 -0.93 4.96	35.76 -0.50 0.00	35.69 -0.43 0.00
BROWNFLS_115KV_TB_3_5 80003	36.78 0.71 0.00	39.07 0.75 0.00	35.66 0.67 0.00	34.23 0.61 0.00	32.41 0.58 0.00	43.79 0.53 0.00	80.77 2.25 0.00	64.33 1.93 0.00	64.57 1.77 0.00	52.74 1.29 0.00	47.01 0.89 0.00	39.50 0.89 0.00	44.48 1.10 0.00	46.82 0.91 0.00	50.36 0.87 0.00	53.83 0.73 0.00	51.39 0.27 0.00	74.13 1.06 0.00	54.91 0.70 0.00	67.86 1.35 0.00	50.40 0.65 0.00	59.05 0.96 0.00	36.92 0.65 0.00	36.60 0.49 0.00
BROWNSV1_27_KV_LOAD 356125	38.27 2.21 0.00	40.52 2.21 0.00	36.87 1.88 0.00	35.42 1.81 0.00	33.56 1.73 0.00	45.99 2.74 0.00	82.96 4.45 0.00	66.05 3.65 0.00	66.09 3.30 0.00	54.12 2.67 0.00	57.92 2.37 -9.43	40.76 2.15 0.00	45.94 2.55 0.00	48.89 2.98 0.00	52.62 3.13 0.00	56.20 3.10 0.00	54.45 3.33 0.00	77.80 4.73 0.00	57.66 3.44 0.00	70.52 4.02 0.00	52.92 3.18 0.00	61.86 3.76 0.00	38.61 2.35 0.00	38.22 2.10 0.00
BURROWS___LYONSDAL 23803	36.59 0.52 0.00	38.92 0.60 0.00	35.49 0.50 0.00	34.10 0.48 0.00	32.29 0.46 0.00	43.87 0.62 0.00	80.74 2.23 0.00	64.24 1.83 0.00	64.21 1.41 0.00	52.25 0.79 0.00	46.48 0.37 0.00	39.15 0.54 0.00	44.13 0.74 0.00	46.58 0.67 0.00	50.20 0.70 0.00	53.46 0.37 0.00	51.23 0.11 0.00	73.55 0.48 0.00	54.82 0.60 0.00	67.60 1.10 0.00	50.11 0.37 0.00	58.50 0.40 0.00	36.63 0.36 0.00	36.28 0.17 0.00
CAITHNESS_CC_1 323624	37.80 1.74 0.00	40.08 1.76 0.00	36.35 1.36 0.00	35.13 1.51 0.00	33.20 1.36 0.00	45.83 2.58 0.00	82.24 3.73 0.00	66.00 3.60 0.00	65.96 3.16 0.00	53.58 2.12 0.00	57.07 1.61 -9.34	39.80 1.18 0.00	44.91 1.53 0.00	48.09 2.18 0.00	51.80 2.31 0.00	56.89 2.26 -1.53	110.30 3.31 -55.88	103.37 4.57 -25.73	56.49 2.28 0.00	77.12 3.63 -6.99	54.96 2.88 -2.33	60.75 2.65 0.00	39.88 2.10 -1.52	37.73 1.62 0.00
CALPINE BETH_PAGE_GT4 24209	37.99 1.92 0.00	40.19 1.87 0.00	36.51 1.51 0.00	35.10 1.49 0.00	33.15 1.32 0.00	45.56 2.31 0.00	81.83 3.32 0.00	65.59 3.19 0.00	65.47 2.67 0.00	53.58 2.12 0.00	57.32 1.86 -9.34	40.09 1.48 0.00	45.26 1.87 0.00	48.16 2.25 0.00	51.80 2.31 0.00	57.46 2.41 -1.97	125.64 2.92 -71.60	110.21 4.17 -32.97	57.08 2.87 0.00	79.21 3.75 -8.95	55.74 3.01 -2.99	61.37 3.27 0.00	40.24 2.04 -1.94	37.77 1.66 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.99 1.92 0.00	40.18 1.87 0.00	36.51 1.51 0.00	35.10 1.48 0.00	33.15 1.32 0.00	45.56 2.31 0.00	81.83 3.32 0.00	65.60 3.19 0.00	65.47 2.67 0.00	53.59 2.13 0.00	57.32 1.86 -9.34	40.09 1.48 0.00	45.26 1.88 0.00	48.16 2.25 0.00	51.80 2.31 0.00	57.46 2.40 -1.97	125.64 2.92 -71.60	110.21 4.17 -32.97	57.08 2.87 0.00	79.21 3.75 -8.95	55.74 3.01 -2.99	61.37 3.27 0.00	40.24 2.04 -1.94	37.77 1.66 0.00
CALPINE_BP_GT1 23823	37.99 1.92 0.00	40.18 1.87 0.00	36.51 1.51 0.00	35.10 1.48 0.00	33.15 1.32 0.00	45.56 2.31 0.00	81.83 3.32 0.00	65.60 3.19 0.00	65.47 2.67 0.00	53.59 2.13 0.00	57.32 1.86 -9.34	40.09 1.48 0.00	45.26 1.88 0.00	48.16 2.25 0.00	51.80 2.31 0.00	57.46 2.40 -1.97	125.64 2.92 -71.60	110.21 4.17 -32.97	57.08 2.87 0.00	79.21 3.75 -8.95	55.74 3.01 -2.99	61.37 3.27 0.00	40.24 2.04 -1.94	37.77 1.66 0.00
CALSPAN___DRP 24200	33.92 -2.15 0.00	35.62 -2.70 0.00	32.31 -2.68 0.00	30.98 -2.64 0.00	29.43 -2.40 0.00	39.84 -3.42 0.00	71.23 -7.28 0.00	47.35 -6.51 8.55	57.02 -5.77 0.00	44.79 -5.17 1.49	41.65 -4.47 0.00	24.69 -3.80 10.12	38.89 -4.44 0.05	41.73 -4.18 0.00	43.12 -4.65 1.72	46.81 -5.75 0.53	42.03 -5.90 3.19	61.28 -8.03 3.76	47.04 -6.27 0.90	54.40 -7.82 4.29	42.27 -5.87 1.60	37.26 -6.71 14.14	32.60 -3.66 0.00	33.10 -3.01 0.00

CALVERTON___SOLAR 323806	37.85 1.79 0.00	40.17 1.85 0.00	36.43 1.44 0.00	35.27 1.65 0.00	33.30 1.47 0.00	46.12 2.87 0.00	82.78 4.27 0.00	66.45 4.05 0.00	66.36 3.56 0.00	53.77 2.31 0.00	57.17 1.71 -9.34	39.81 1.20 0.00	44.94 1.56 0.00	48.24 2.33 0.00	51.99 2.50 0.00	57.04 2.41 -1.54	110.68 3.63 -55.94	103.77 4.94 -25.76	56.40 2.19 0.00	77.25 3.75 -6.99	55.04 2.96 -2.33	60.70 2.60 0.00	40.00 2.22 -1.52	37.80 1.68 0.00
CANDIGU_WT_PWR 323617	34.04 -2.02 0.00	35.92 -2.40 0.00	32.71 -2.29 0.00	31.50 -2.12 0.00	29.85 -1.98 0.00	40.73 -2.53 0.00	73.16 -5.35 0.00	41.15 -5.25 16.01	57.74 -5.05 0.00	43.54 -5.10 2.82	41.50 -4.61 0.00	11.70 -4.33 22.58	38.58 -4.72 0.08	41.72 -4.19 0.00	41.45 -4.76 3.29	46.43 -5.65 1.02	39.45 -5.58 6.08	58.24 -7.64 7.19	46.80 -5.69 1.71	51.14 -7.17 8.19	41.26 -5.44 3.05	24.65 -6.51 26.94	32.60 -3.66 0.00	32.92 -3.19 0.00
CARR STREET_E_SYR 24060	35.21 -0.85 0.00	37.37 -0.95 0.00	34.11 -0.89 0.00	32.77 -0.85 0.00	31.04 -0.79 0.00	42.25 -1.01 0.00	76.44 -2.08 0.00	60.64 -1.77 0.00	61.09 -1.70 0.00	49.90 -1.56 0.00	44.71 -1.40 0.00	37.45 -1.17 0.00	42.15 -1.24 0.00	44.70 -1.21 0.00	48.18 -1.31 0.00	51.55 -1.54 0.00	49.67 -1.45 0.00	70.95 -2.12 0.00	52.63 -1.58 0.00	64.46 -2.05 0.00	48.22 -1.53 0.00	56.26 -1.83 0.00	35.15 -1.11 0.00	35.03 -1.08 0.00
CARTHAGE___PAPER 23857	36.75 0.69 0.00	39.05 0.73 0.00	35.57 0.57 0.00	34.13 0.51 0.00	32.33 0.50 0.00	43.85 0.60 0.00	81.42 2.91 0.00	64.90 2.49 0.00	64.76 1.96 0.00	52.59 1.14 0.00	46.63 0.51 0.00	39.43 0.82 0.00	44.53 1.14 0.00	46.71 0.80 0.00	50.27 0.78 0.00	53.45 0.35 0.00	51.12 0.00 0.00	73.77 0.69 0.00	54.99 0.78 0.00	68.22 1.72 0.00	50.25 0.51 0.00	58.76 0.66 0.00	36.78 0.51 0.00	36.25 0.14 0.00
CASSADAGA_WT_PWR 323784	33.93 -2.13 0.00	35.78 -2.54 0.00	32.33 -2.66 0.00	30.73 -2.88 0.00	29.05 -2.78 0.00	39.25 -4.00 0.00	69.90 -8.61 0.00	39.30 -7.61 15.50	56.02 -6.78 0.00	43.56 -6.25 1.64	40.59 -5.53 0.00	22.26 -4.83 11.52	38.07 -5.27 0.05	40.84 -5.07 0.00	42.35 -5.24 1.91	46.08 -6.42 0.59	40.91 -6.67 3.53	59.43 -9.47 4.17	46.05 -7.17 0.99	52.60 -9.15 4.75	41.13 -6.84 1.77	34.37 -8.07 15.66	31.98 -4.28 0.00	32.30 -3.82 0.00
CE_DUNWOOD___DRP 24194	37.71 1.64 0.00	39.95 1.64 0.00	36.39 1.40 0.00	34.96 1.34 0.00	33.12 1.29 0.00	45.38 2.13 0.00	81.93 3.43 0.00	65.20 2.80 0.00	65.18 2.38 0.00	53.36 1.91 0.00	53.30 1.66 -5.52	40.09 1.47 0.00	45.19 1.80 0.00	48.07 2.17 0.00	51.81 2.32 0.00	55.39 2.30 0.00	53.61 2.49 0.00	76.60 3.53 0.00	56.79 2.58 0.00	69.46 2.96 0.00	52.14 2.40 0.00	60.92 2.82 0.00	38.02 1.75 0.00	37.67 1.56 0.00
CE_MILLWOOD___DRP 24193	37.66 1.60 0.00	39.91 1.59 0.00	36.35 1.35 0.00	34.92 1.31 0.00	33.08 1.25 0.00	45.33 2.08 0.00	81.85 3.34 0.00	65.10 2.70 0.00	65.09 2.29 0.00	53.29 1.83 0.00	53.35 1.58 -5.65	40.02 1.40 0.00	45.11 1.72 0.00	48.00 2.09 0.00	51.73 2.24 0.00	55.31 2.22 0.00	53.52 2.41 0.00	76.46 3.39 0.00	56.69 2.48 0.00	69.37 2.86 0.00	52.05 2.31 0.00	60.83 2.74 0.00	37.95 1.69 0.00	37.62 1.50 0.00
CE_NYC2_DRP 24202	38.03 1.97 0.00	40.30 1.99 0.00	36.67 1.68 0.00	35.24 1.63 0.00	33.40 1.57 0.00	45.71 2.46 0.00	82.24 3.73 0.00	65.48 3.07 0.00	65.52 2.72 0.00	53.72 2.26 0.00	57.59 2.07 -9.41	40.53 1.91 0.00	45.67 2.28 0.00	48.57 2.66 0.00	52.24 2.75 0.00	55.71 2.61 0.00	53.98 2.87 0.00	77.10 4.03 0.00	57.13 2.92 0.00	69.85 3.35 0.00	52.54 2.80 0.00	61.42 3.32 0.00	38.39 2.12 0.00	38.00 1.88 0.00
CE_NYC_DRP 24195	38.01 1.95 0.00	40.25 1.94 0.00	36.65 1.66 0.00	35.21 1.59 0.00	33.37 1.54 0.00	45.74 2.49 0.00	82.45 3.94 0.00	65.62 3.22 0.00	65.67 2.87 0.00	53.78 2.33 0.00	57.64 2.09 -9.43	40.52 1.91 0.00	45.67 2.29 0.00	48.61 2.70 0.00	52.31 2.82 0.00	55.87 2.78 0.00	54.12 3.01 0.00	77.31 4.23 0.00	57.28 3.07 0.00	70.01 3.51 0.00	52.59 2.84 0.00	61.48 3.38 0.00	38.37 2.10 0.00	37.98 1.87 0.00
CHAFFEE___LFGE 323603	34.03 -2.04 0.00	35.74 -2.58 0.00	32.42 -2.58 0.00	31.10 -2.52 0.00	29.54 -2.29 0.00	40.02 -3.23 0.00	71.67 -6.84 0.00	47.30 -6.18 8.93	57.39 -5.41 0.00	44.93 -4.93 1.59	41.89 -4.23 0.00	23.93 -3.67 11.02	39.12 -4.22 0.05	41.99 -3.92 0.00	43.27 -4.38 1.84	47.11 -5.41 0.57	42.14 -5.56 3.41	61.52 -7.52 4.03	47.36 -5.89 0.96	54.53 -7.37 4.60	42.47 -5.56 1.71	36.59 -6.36 15.15	32.79 -3.48 0.00	33.28 -2.84 0.00
CHATEAUG_35_KV_LOAD 355732	36.47 0.41 0.00	38.74 0.42 0.00	35.40 0.41 0.00	34.02 0.40 0.00	32.20 0.36 0.00	43.54 0.29 0.00	79.56 1.06 0.00	63.30 0.89 0.00	64.09 1.29 0.00	52.77 1.32 0.00	47.59 1.48 0.00	39.73 1.12 0.00	44.49 1.11 0.00	46.98 1.07 0.00	50.52 1.03 0.00	54.33 1.23 0.00	51.87 0.75 0.00	75.16 2.09 0.00	55.68 1.47 0.00	68.49 1.98 0.00	51.03 1.29 0.00	59.46 1.37 0.00	36.89 0.63 0.00	36.64 0.52 0.00
CHATEAUG_WT_PWR 323614	36.40 0.34 0.00	38.65 0.34 0.00	35.33 0.34 0.00	33.94 0.32 0.00	32.12 0.29 0.00	43.46 0.20 0.00	79.36 0.85 0.00	63.11 0.70 0.00	63.91 1.11 0.00	52.59 1.13 0.00	47.39 1.28 0.00	39.58 0.96 0.00	44.37 0.99 0.00	46.82 0.91 0.00	50.35 0.86 0.00	54.13 1.04 0.00	51.70 0.58 0.00	74.79 1.72 0.00	55.42 1.21 0.00	68.15 1.65 0.00	50.80 1.06 0.00	59.20 1.11 0.00	36.78 0.51 0.00	36.54 0.43 0.00
CHAT_HIGH_FALL_HYD 323578	36.47 0.41 0.00	38.74 0.42 0.00	35.40 0.41 0.00	34.02 0.40 0.00	32.20 0.36 0.00	43.54 0.29 0.00	79.56 1.06 0.00	63.30 0.89 0.00	64.09 1.29 0.00	52.77 1.32 0.00	47.59 1.48 0.00	39.73 1.12 0.00	44.49 1.11 0.00	46.98 1.07 0.00	50.52 1.03 0.00	54.33 1.23 0.00	51.87 0.75 0.00	75.16 2.09 0.00	55.68 1.47 0.00	68.49 1.98 0.00	51.03 1.29 0.00	59.46 1.37 0.00	36.89 0.63 0.00	36.64 0.52 0.00
CHAUTAUQUA___LFGE 323629	33.94 -2.12 0.00	35.78 -2.53 0.00	32.39 -2.60 0.00	30.95 -2.67 0.00	29.33 -2.51 0.00	39.77 -3.48 0.00	71.13 -7.38 0.00	44.99 -6.83 10.59	56.79 -6.01 0.00	44.24 -5.66 1.55	41.18 -4.94 0.00	23.48 -4.37 10.77	38.58 -4.76 0.05	41.50 -4.41 0.00	42.83 -4.87 1.80	46.62 -5.91 0.56	41.76 -6.03 3.33	60.80 -8.34 3.93	46.89 -6.38 0.94	53.87 -8.16 4.48	41.93 -6.14 1.67	36.07 -7.27 14.76	32.42 -3.84 0.00	32.83 -3.28 0.00
CHERRYST_13_KV_LD 356241	38.09 2.03 0.00	40.34 2.03 0.00	36.72 1.72 0.00	35.29 1.67 0.00	33.44 1.61 0.00	45.85 2.60 0.00	82.67 4.16 0.00	65.80 3.39 0.00	65.86 3.06 0.00	53.94 2.48 0.00	57.78 2.23 -9.43	40.65 2.03 0.00	45.81 2.43 0.00	48.75 2.84 0.00	52.47 2.98 0.00	56.05 2.96 0.00	54.29 3.17 0.00	77.56 4.48 0.00	57.45 3.24 0.00	70.18 3.68 0.00	52.72 2.98 0.00	61.63 3.53 0.00	38.47 2.20 0.00	38.07 1.96 0.00

CHESTROR_138KV_BK263 355645	37.42 1.36 0.00	39.69 1.37 0.00	36.17 1.18 0.00	34.75 1.14 0.00	32.91 1.08 0.00	45.07 1.82 0.00	81.46 2.95 0.00	64.75 2.35 0.00	64.74 1.94 0.00	52.98 1.53 0.00	37.56 1.23 9.78	39.69 1.07 0.00	44.72 1.33 0.00	47.60 1.69 0.00	51.35 1.86 0.00	54.94 1.85 0.00	53.13 2.01 0.00	75.95 2.87 0.00	56.32 2.11 0.00	68.92 2.41 0.00	51.69 1.94 0.00	60.40 2.30 0.00	37.67 1.40 0.00	37.37 1.26 0.00
CH_MIDHUDSON___DRP 24192	37.63 1.57 0.00	39.91 1.59 0.00	36.38 1.39 0.00	34.95 1.33 0.00	33.11 1.27 0.00	45.32 2.07 0.00	81.84 3.33 0.00	65.12 2.72 0.00	65.17 2.37 0.00	53.40 1.94 0.00	47.76 1.65 0.00	40.03 1.42 0.00	45.10 1.71 0.00	47.97 2.06 0.00	51.74 2.25 0.00	55.35 2.26 0.00	53.52 2.41 0.00	76.42 3.35 0.00	56.70 2.50 0.00	69.38 2.88 0.00	52.06 2.32 0.00	60.81 2.71 0.00	37.93 1.67 0.00	37.59 1.48 0.00
CH_MISC_IPPS 23765	37.84 1.78 0.00	40.12 1.80 0.00	36.55 1.56 0.00	35.12 1.51 0.00	33.27 1.44 0.00	45.57 2.32 0.00	82.36 3.85 0.00	65.53 3.12 0.00	65.59 2.79 0.00	53.70 2.24 0.00	47.98 1.86 0.00	40.21 1.59 0.00	45.30 1.91 0.00	48.20 2.29 0.00	52.01 2.52 0.00	55.66 2.57 0.00	53.84 2.72 0.00	76.92 3.85 0.00	57.05 2.84 0.00	69.79 3.29 0.00	52.35 2.60 0.00	61.14 3.04 0.00	38.12 1.86 0.00	37.79 1.68 0.00
CH_RES_BVR_FALLS 23983	35.99 -0.07 0.00	38.35 0.03 0.00	35.01 0.02 0.00	33.61 0.00 0.00	31.81 -0.03 0.00	43.13 -0.12 0.00	78.89 0.38 0.00	62.61 0.20 0.00	62.89 0.09 0.00	51.50 0.04 0.00	46.08 -0.04 0.00	38.51 -0.10 0.00	43.17 -0.21 0.00	45.61 -0.30 0.00	48.99 -0.50 0.00	52.42 -0.68 0.00	50.31 -0.80 0.00	72.42 -0.65 0.00	53.86 -0.35 0.00	66.15 -0.35 0.00	49.44 -0.30 0.00	57.72 -0.38 0.00	36.18 -0.08 0.00	36.00 -0.11 0.00
CH_RES_NIAGARA 23895	32.26 -3.81 0.00	34.25 -4.07 0.00	31.09 -3.91 0.00	29.80 -3.81 0.00	28.31 -3.52 0.00	38.20 -5.06 0.00	68.06 -10.45 7.34	46.34 -8.72 0.00	54.31 -8.48 0.00	42.98 -7.20 1.28	39.76 -6.36 0.00	25.23 -4.71 8.68	37.18 -6.16 0.04	39.70 -6.21 0.00	41.29 -6.73 1.47	44.72 -7.92 0.46	40.45 -7.94 2.73	58.68 -11.17 3.22	44.63 -8.81 0.77	52.11 -10.72 3.67	40.27 -8.10 1.37	37.50 -8.52 12.08	31.27 -4.99 0.00	31.96 -4.15 0.00
CH_RES_SYRACUSE 23985	35.43 -0.63 0.00	37.62 -0.70 0.00	34.33 -0.67 0.00	32.96 -0.65 0.00	31.24 -0.60 0.00	42.51 -0.75 0.00	77.10 -1.41 0.00	61.72 -1.21 -0.52	61.62 -1.18 0.00	50.31 -1.15 0.00	45.06 -1.05 0.00	39.49 -0.89 -1.76	42.49 -0.90 -0.01	45.06 -0.84 0.00	48.91 -0.92 -0.34	52.07 -1.13 -0.11	50.70 -1.05 -0.64	72.30 -1.53 -0.75	53.26 -1.13 -0.18	65.85 -1.50 -0.85	48.90 -1.09 -0.25	58.95 -1.36 -2.21	35.43 -0.84 0.00	35.33 -0.78 0.00
CLINTON_WT_PWR 323605	36.40 0.34 0.00	38.65 0.34 0.00	35.33 0.34 0.00	33.94 0.32 0.00	32.12 0.29 0.00	43.46 0.20 0.00	79.36 0.85 0.00	63.11 0.70 0.00	63.91 1.11 0.00	52.59 1.13 0.00	47.39 1.28 0.00	39.58 0.96 0.00	44.37 0.99 0.00	46.82 0.91 0.00	50.35 0.86 0.00	54.13 1.04 0.00	51.70 0.58 0.00	74.79 1.72 0.00	55.42 1.21 0.00	68.15 1.65 0.00	50.80 1.06 0.00	59.20 1.11 0.00	36.78 0.51 0.00	36.54 0.43 0.00
CLINTON___LFGE 323618	36.75 0.69 0.00	39.01 0.69 0.00	35.65 0.66 0.00	34.25 0.64 0.00	32.43 0.60 0.00	43.87 0.62 0.00	80.24 1.73 0.00	63.84 1.43 0.00	64.71 1.91 0.00	53.23 1.78 0.00	47.98 1.87 0.00	40.05 1.44 0.00	44.86 1.48 0.00	47.39 1.48 0.00	50.96 1.47 0.00	54.79 1.70 0.00	52.33 1.22 0.00	75.88 2.81 0.00	56.22 2.01 0.00	69.13 2.63 0.00	51.47 1.73 0.00	59.91 1.81 0.00	37.20 0.93 0.00	36.91 0.80 0.00
COBBLENY_34_KV_TB1 80064	34.03 -2.04 0.00	35.74 -2.58 0.00	32.42 -2.57 0.00	31.09 -2.53 0.00	29.55 -2.28 0.00	40.02 -3.24 0.00	71.67 -6.84 0.00	47.31 -6.17 8.93	57.38 -5.41 0.00	44.97 -4.89 1.59	41.88 -4.23 0.00	23.97 -3.63 11.02	39.12 -4.21 0.05	41.99 -3.92 0.00	43.27 -4.38 1.84	47.09 -5.43 0.57	42.15 -5.55 3.41	61.53 -7.50 4.03	47.36 -5.89 0.96	54.53 -7.38 4.60	42.47 -5.55 1.71	36.60 -6.34 15.15	32.80 -3.47 0.00	33.28 -2.84 0.00
COFFEEN___115KV_TB3 355620	36.50 0.43 0.00	38.75 0.44 0.00	35.26 0.26 0.00	33.84 0.22 0.00	32.07 0.23 0.00	43.55 0.30 0.00	80.91 2.40 0.00	64.55 2.15 0.00	64.37 1.57 0.00	52.24 0.78 0.00	46.32 0.20 0.00	39.22 0.60 0.00	44.35 0.96 0.00	46.42 0.51 0.00	50.01 0.52 0.00	53.09 -0.01 0.00	50.90 -0.21 0.00	73.47 0.39 0.00	54.78 0.57 0.00	68.01 1.50 0.00	50.03 0.29 0.00	58.51 0.41 0.00	36.56 0.29 0.00	35.95 -0.16 0.00
COLDSPRG_115KV_BK1 355956	34.68 -1.38 0.00	36.52 -1.80 0.00	33.06 -1.93 0.00	31.63 -1.99 0.00	30.00 -1.84 0.00	40.80 -2.46 0.00	73.36 -5.15 0.00	50.74 -4.87 6.79	58.47 -4.33 0.00	45.35 -4.32 1.79	42.25 -3.86 0.00	22.41 -3.49 12.72	39.51 -3.82 0.05	42.51 -3.40 0.00	43.74 -3.68 2.08	47.90 -4.55 0.64	42.60 -4.67 3.85	62.23 -6.30 4.54	48.18 -4.94 1.08	55.01 -6.31 5.18	43.05 -4.76 1.93	35.47 -5.57 17.06	33.27 -2.99 0.00	33.60 -2.51 0.00
COLONIE_LFGE___ 323577	36.71 0.64 0.00	39.11 0.79 0.00	35.81 0.82 0.00	34.40 0.78 0.00	32.70 0.87 0.00	44.44 1.19 0.00	80.21 1.70 0.00	63.67 1.26 0.00	63.88 1.08 0.00	52.59 1.13 0.00	47.20 1.09 0.00	39.58 0.97 0.00	44.37 0.99 0.00	46.84 0.93 0.00	50.91 1.41 0.00	54.52 1.42 0.00	52.57 1.46 0.00	74.59 1.52 0.00	55.78 1.57 0.00	68.29 1.78 0.00	51.27 1.53 0.00	59.71 1.62 0.00	37.26 1.00 0.00	37.08 0.97 0.00
COOPERNY_115KV_TB1 80082	37.08 1.02 0.00	39.35 1.04 0.00	35.89 0.90 0.00	34.48 0.86 0.00	32.64 0.80 0.00	44.62 1.36 0.00	80.72 2.21 0.00	64.14 1.74 0.00	64.24 1.44 0.00	52.54 1.09 0.00	41.70 0.88 5.30	39.39 0.77 0.00	44.35 0.97 0.00	47.15 1.24 0.00	50.84 1.34 0.00	54.42 1.32 0.00	52.56 1.44 0.00	75.11 2.04 0.00	55.69 1.48 0.00	68.20 1.70 0.00	51.14 1.40 0.00	59.70 1.61 0.00	37.20 0.94 0.00	36.95 0.84 0.00
COPENHAGEN_WT_PWR 323753	36.09 0.03 0.00	38.38 0.06 0.00	34.90 -0.09 0.00	33.47 -0.15 0.00	31.72 -0.11 0.00	43.00 -0.25 0.00	80.03 1.52 0.00	63.88 1.47 0.00	63.57 0.77 0.00	51.60 0.14 0.00	45.63 -0.48 0.00	38.65 0.04 0.00	43.72 0.34 0.00	45.60 -0.32 0.00	49.08 -0.41 0.00	52.04 -1.05 0.00	49.78 -1.34 0.00	71.92 -1.15 0.00	53.79 -0.42 0.00	67.04 0.54 0.00	49.15 -0.59 0.00	57.57 -0.53 0.00	36.05 -0.21 0.00	35.37 -0.74 0.00
CORNELL_____ 23752	36.21 0.14 0.00	38.41 0.09 0.00	35.06 0.07 0.00	33.66 0.04 0.00	31.89 0.05 0.00	43.50 0.24 0.00	78.97 0.46 0.00	90.58 0.22 -27.95	62.98 0.18 -0.01	56.02 -0.24 -4.80	45.80 -0.31 0.00	78.15 -0.36 -39.89	43.25 -0.32 -0.18	45.83 -0.08 0.00	56.34 -0.21 -7.05	55.04 -0.24 -2.19	64.05 -0.13 -13.07	88.34 -0.17 -15.43	57.75 -0.14 -3.68	83.69 -0.32 -17.51	55.48 -0.26 -6.00	110.79 -0.36 -53.05	36.06 -0.20 0.00	35.96 -0.15 0.00

CORONA__69_KV_TB1 355595	38.18 2.12 0.00	40.39 2.08 0.00	36.71 1.72 0.00	35.29 1.68 0.00	33.39 1.56 0.00	45.83 2.58 0.00	82.34 3.83 0.00	65.82 3.42 0.00	65.76 2.96 0.00	53.77 2.32 0.00	57.61 2.15 -9.34	40.40 1.78 0.00	45.58 2.19 0.00	48.45 2.54 0.00	52.15 2.66 0.00	58.63 2.76 -2.78	155.46 3.12 -101.22	124.12 4.44 -46.61	57.37 3.16 0.00	83.13 3.97 -12.66	57.15 3.18 -4.22	61.58 3.49 0.00	41.17 2.16 -2.74	37.95 1.83 0.00
CORTLAND__115KV_TB3 80093	36.05 -0.02 0.00	38.28 -0.04 0.00	34.94 -0.05 0.00	33.57 -0.05 0.00	31.79 -0.04 0.00	43.36 0.11 0.00	78.71 0.20 0.00	70.18 0.03 -7.75	62.80 0.00 0.00	52.50 -0.29 -1.33	45.81 -0.31 0.00	49.23 -0.27 -10.89	43.23 -0.21 -0.05	45.87 -0.04 0.00	51.48 -0.10 -2.09	53.54 -0.20 -0.65	54.84 -0.14 -3.87	77.38 -0.26 -4.57	55.14 -0.16 -1.09	71.33 -0.33 -5.16	51.14 -0.24 -1.64	72.23 -0.37 -14.50	36.05 -0.22 0.00	35.91 -0.20 0.00
COXSACKIE__GT 23611	37.64 1.58 0.00	40.06 1.75 0.00	36.66 1.67 0.00	35.25 1.63 0.00	33.47 1.63 0.00	45.63 2.37 0.00	82.74 4.23 0.00	65.89 3.48 0.00	65.67 2.87 0.00	54.38 2.93 0.00	48.38 2.27 0.00	40.22 1.61 0.00	45.21 1.82 0.00	47.57 1.66 0.00	51.76 2.27 0.00	55.92 2.83 0.00	54.10 2.98 0.00	77.47 4.39 0.00	57.65 3.44 0.00	70.43 3.92 0.00	52.69 2.94 0.00	61.30 3.20 0.00	38.09 1.83 0.00	37.88 1.77 0.00
CPV_VALLEY__CC1 323721	37.29 1.22 0.00	39.55 1.24 0.00	36.05 1.06 0.00	34.64 1.03 0.00	32.80 0.97 0.00	44.89 1.63 0.00	81.14 2.63 0.00	64.49 2.09 0.00	64.51 1.72 0.00	52.80 1.35 0.00	39.76 1.11 7.47	39.59 0.98 0.00	44.61 1.22 0.00	47.45 1.54 0.00	51.17 1.68 0.00	54.74 1.65 0.00	52.92 1.80 0.00	75.61 2.54 0.00	56.07 1.86 0.00	68.62 2.12 0.00	51.46 1.72 0.00	60.14 2.05 0.00	37.52 1.25 0.00	37.23 1.12 0.00
CPV_VALLEY__CC2 323722	37.29 1.22 0.00	39.55 1.24 0.00	36.05 1.06 0.00	34.64 1.03 0.00	32.80 0.97 0.00	44.89 1.63 0.00	81.14 2.63 0.00	64.49 2.09 0.00	64.51 1.72 0.00	52.80 1.35 0.00	39.76 1.11 7.47	39.59 0.98 0.00	44.61 1.22 0.00	47.45 1.54 0.00	51.17 1.68 0.00	54.74 1.65 0.00	52.92 1.80 0.00	75.61 2.54 0.00	56.07 1.86 0.00	68.62 2.12 0.00	51.46 1.72 0.00	60.14 2.05 0.00	37.52 1.25 0.00	37.23 1.12 0.00
CRESCENT__HYD 24018	36.71 0.64 0.00	39.11 0.79 0.00	35.81 0.82 0.00	34.40 0.78 0.00	32.70 0.87 0.00	44.44 1.19 0.00	80.21 1.70 0.00	63.67 1.26 0.00	63.88 1.08 0.00	52.59 1.13 0.00	47.20 1.09 0.00	39.58 0.97 0.00	44.37 0.99 0.00	46.84 0.93 0.00	50.91 1.41 0.00	54.52 1.42 0.00	52.57 1.46 0.00	74.59 1.52 0.00	55.78 1.57 0.00	68.29 1.78 0.00	51.27 1.53 0.00	59.71 1.62 0.00	37.26 1.00 0.00	37.08 0.97 0.00
CRICKET__VALLEY_CC1 323756	37.25 1.18 0.00	39.51 1.19 0.00	36.01 1.02 0.00	34.60 0.98 0.00	32.77 0.94 0.00	44.85 1.60 0.00	80.92 2.41 0.00	64.39 1.98 0.00	64.42 1.63 0.00	52.81 1.35 0.00	47.28 1.16 0.00	39.67 1.05 0.00	44.69 1.30 0.00	47.49 1.58 0.00	51.22 1.73 0.00	54.73 1.64 0.00	52.94 1.82 0.00	75.55 2.48 0.00	56.05 1.84 0.00	68.59 2.08 0.00	51.50 1.76 0.00	60.18 2.09 0.00	37.56 1.29 0.00	37.23 1.12 0.00
CRICKET__VALLEY_CC2 323757	37.25 1.18 0.00	39.51 1.19 0.00	36.01 1.02 0.00	34.60 0.98 0.00	32.77 0.94 0.00	44.85 1.60 0.00	80.92 2.41 0.00	64.39 1.98 0.00	64.42 1.63 0.00	52.81 1.35 0.00	47.28 1.16 0.00	39.67 1.05 0.00	44.69 1.30 0.00	47.49 1.58 0.00	51.22 1.73 0.00	54.73 1.64 0.00	52.94 1.82 0.00	75.55 2.48 0.00	56.05 1.84 0.00	68.59 2.08 0.00	51.50 1.76 0.00	60.18 2.09 0.00	37.56 1.29 0.00	37.23 1.12 0.00
CRICKET__VALLEY_CC3 323758	37.25 1.18 0.00	39.51 1.19 0.00	36.01 1.02 0.00	34.60 0.98 0.00	32.77 0.94 0.00	44.85 1.60 0.00	80.92 2.41 0.00	64.39 1.98 0.00	64.42 1.63 0.00	52.81 1.35 0.00	47.28 1.16 0.00	39.67 1.05 0.00	44.69 1.30 0.00	47.49 1.58 0.00	51.22 1.73 0.00	54.73 1.64 0.00	52.94 1.82 0.00	75.55 2.48 0.00	56.05 1.84 0.00	68.59 2.08 0.00	51.50 1.76 0.00	60.18 2.09 0.00	37.56 1.29 0.00	37.23 1.12 0.00
CRUCIBLE__METL_DRP 24180	35.43 -0.63 0.00	37.62 -0.70 0.00	34.33 -0.67 0.00	32.96 -0.65 0.00	31.24 -0.60 0.00	42.51 -0.75 0.00	77.10 -1.41 0.00	61.71 -1.21 -0.52	61.62 -1.18 0.00	50.31 -1.15 0.00	45.06 -1.06 0.00	39.50 -0.88 -1.76	42.49 -0.90 -0.01	45.06 -0.85 0.00	48.91 -0.93 -0.34	52.07 -1.13 -0.11	50.70 -1.05 -0.64	72.30 -1.53 -0.75	53.27 -1.13 -0.18	65.85 -1.50 -0.85	48.90 -1.09 -0.25	58.96 -1.35 -2.21	35.43 -0.84 0.00	35.33 -0.78 0.00
DAHOWA__HYDRO 323763	37.18 1.12 0.00	39.62 1.30 0.00	36.30 1.31 0.00	34.87 1.25 0.00	33.19 1.35 0.00	45.14 1.89 0.00	81.71 3.20 0.00	64.88 2.48 0.00	65.04 2.24 0.00	53.51 2.06 0.00	47.98 1.86 0.00	40.16 1.55 0.00	45.07 1.69 0.00	47.61 1.70 0.00	51.81 2.32 0.00	55.46 2.37 0.00	53.55 2.43 0.00	75.94 2.86 0.00	56.82 2.61 0.00	69.52 3.02 0.00	52.16 2.42 0.00	60.62 2.52 0.00	37.78 1.51 0.00	37.56 1.45 0.00
DANC__LFGE 323619	35.68 -0.38 0.00	37.87 -0.44 0.00	34.50 -0.49 0.00	33.11 -0.51 0.00	31.36 -0.47 0.00	42.57 -0.69 0.00	78.40 -0.11 0.00	62.48 0.07 0.00	62.49 -0.31 0.00	50.87 -0.58 0.00	45.22 -0.90 0.00	38.15 -0.47 0.00	43.07 -0.32 0.00	45.19 -0.72 0.00	48.66 -0.83 0.00	51.76 -1.34 0.00	49.62 -1.50 0.00	71.40 -1.67 0.00	53.22 -0.99 0.00	65.92 -0.58 0.00	48.72 -1.02 0.00	57.01 -1.09 0.00	35.69 -0.58 0.00	35.22 -0.89 0.00
DANSKAMMER__1 23586	37.84 1.78 0.00	40.12 1.80 0.00	36.55 1.56 0.00	35.12 1.51 0.00	33.27 1.44 0.00	45.57 2.32 0.00	82.36 3.85 0.00	65.53 3.12 0.00	65.59 2.79 0.00	53.70 2.24 0.00	47.98 1.86 0.00	40.21 1.59 0.00	45.30 1.91 0.00	48.20 2.29 0.00	52.01 2.52 0.00	55.66 2.57 0.00	53.84 2.72 0.00	76.92 3.85 0.00	57.05 2.84 0.00	69.79 3.29 0.00	52.35 2.60 0.00	61.14 3.04 0.00	38.12 1.86 0.00	37.79 1.68 0.00
DANSKAMMER__2 23589	37.84 1.78 0.00	40.12 1.80 0.00	36.55 1.56 0.00	35.12 1.51 0.00	33.27 1.44 0.00	45.57 2.32 0.00	82.36 3.85 0.00	65.53 3.12 0.00	65.59 2.79 0.00	53.70 2.24 0.00	47.98 1.86 0.00	40.21 1.59 0.00	45.30 1.91 0.00	48.20 2.29 0.00	52.01 2.52 0.00	55.66 2.57 0.00	53.84 2.72 0.00	76.92 3.85 0.00	57.05 2.84 0.00	69.79 3.29 0.00	52.35 2.60 0.00	61.14 3.04 0.00	38.12 1.86 0.00	37.79 1.68 0.00
DANSKAMMER__3 23590	37.84 1.78 0.00	40.12 1.80 0.00	36.55 1.56 0.00	35.12 1.51 0.00	33.27 1.44 0.00	45.57 2.32 0.00	82.36 3.85 0.00	65.53 3.12 0.00	65.59 2.79 0.00	53.70 2.24 0.00	47.98 1.86 0.00	40.21 1.59 0.00	45.30 1.91 0.00	48.20 2.29 0.00	52.01 2.52 0.00	55.66 2.57 0.00	53.84 2.72 0.00	76.92 3.85 0.00	57.05 2.84 0.00	69.79 3.29 0.00	52.35 2.60 0.00	61.14 3.04 0.00	38.12 1.86 0.00	37.79 1.68 0.00

DANSKAMMER___4 23591	37.84 1.78 0.00	40.12 1.80 0.00	36.55 1.56 0.00	35.12 1.51 0.00	33.27 1.44 0.00	45.57 2.32 0.00	82.36 3.85 0.00	65.53 3.12 0.00	65.59 2.79 0.00	53.70 2.24 0.00	47.98 1.86 0.00	40.21 1.59 0.00	45.30 1.91 0.00	48.20 2.29 0.00	52.01 2.52 0.00	55.66 2.57 0.00	53.84 2.72 0.00	76.92 3.85 0.00	57.05 2.84 0.00	69.79 3.29 0.00	52.35 2.60 0.00	61.14 3.04 0.00	38.12 1.86 0.00	37.79 1.68 0.00
DANSKAMMER___DIESEL 23592	37.84 1.78 0.00	40.12 1.80 0.00	36.55 1.56 0.00	35.13 1.51 0.00	33.27 1.44 0.00	45.57 2.32 0.00	82.36 3.85 0.00	65.52 3.11 0.00	65.59 2.79 0.00	53.69 2.23 0.00	47.97 1.86 0.00	40.20 1.59 0.00	45.29 1.91 0.00	48.20 2.29 0.00	52.01 2.52 0.00	55.66 2.57 0.00	53.83 2.72 0.00	76.92 3.85 0.00	57.05 2.84 0.00	69.81 3.30 0.00	52.35 2.61 0.00	61.13 3.03 0.00	38.12 1.85 0.00	37.79 1.68 0.00
DARBY___SOLAR 323810	37.08 1.02 0.00	39.51 1.20 0.00	36.19 1.20 0.00	34.75 1.14 0.00	33.07 1.23 0.00	44.98 1.73 0.00	81.37 2.86 0.00	64.60 2.19 0.00	64.78 1.98 0.00	53.29 1.83 0.00	47.77 1.65 0.00	40.00 1.39 0.00	44.89 1.51 0.00	47.43 1.51 0.00	51.59 2.10 0.00	55.24 2.15 0.00	53.31 2.20 0.00	75.62 2.54 0.00	56.56 2.35 0.00	69.21 2.71 0.00	51.94 2.20 0.00	60.38 2.29 0.00	37.64 1.37 0.00	37.44 1.33 0.00
DASHVILLE___HYD 23610	37.43 1.36 0.00	39.72 1.40 0.00	36.20 1.21 0.00	34.79 1.17 0.00	32.94 1.11 0.00	45.08 1.83 0.00	81.41 2.90 0.00	64.78 2.37 0.00	64.88 2.08 0.00	53.17 1.71 0.00	47.53 1.42 0.00	39.78 1.17 0.00	44.84 1.45 0.00	47.65 1.74 0.00	51.37 1.88 0.00	55.03 1.94 0.00	53.19 2.07 0.00	75.96 2.89 0.00	56.33 2.12 0.00	68.95 2.44 0.00	51.72 1.98 0.00	60.43 2.33 0.00	37.71 1.45 0.00	37.37 1.26 0.00
DELAWARE___LFGE 323621	36.75 0.69 0.00	39.08 0.76 0.00	35.71 0.72 0.00	34.32 0.70 0.00	32.46 0.62 0.00	44.26 1.01 0.00	80.22 1.71 0.00	63.60 1.20 0.00	63.80 1.00 0.00	52.18 0.73 0.00	46.65 0.53 0.00	39.09 0.48 0.00	43.98 0.59 -0.01	46.73 0.82 0.00	50.70 0.91 -0.30	54.06 0.87 -0.09	52.57 0.89 -0.56	74.89 1.16 -0.66	55.24 0.87 -0.16	68.19 0.98 -0.70	50.58 0.83 0.00	59.15 1.05 0.00	36.89 0.62 0.00	36.69 0.57 0.00
DERFIELD_115KV_TB7 355931	36.11 0.04 0.00	38.39 0.08 0.00	35.06 0.07 0.00	33.68 0.07 0.00	31.90 0.07 0.00	43.40 0.15 0.00	78.73 0.22 0.00	62.56 0.15 0.00	62.85 0.05 0.00	51.46 0.00 0.00	46.10 -0.02 0.00	38.61 0.00 0.00	43.39 0.00 0.00	45.96 0.05 0.00	49.61 0.12 0.00	53.15 0.05 0.00	51.20 0.08 0.00	73.08 0.01 0.00	54.29 0.08 0.00	66.57 0.06 0.00	49.81 0.07 0.00	58.15 0.05 0.00	36.30 0.04 0.00	36.14 0.03 0.00
DOGLEVILLE___HYD 23807	37.74 1.67 0.00	40.19 1.88 0.00	36.80 1.81 0.00	35.44 1.82 0.00	33.61 1.77 0.00	45.97 2.73 0.00	83.31 4.80 0.00	66.06 3.65 0.00	65.93 3.13 0.00	53.56 2.11 0.00	47.71 1.59 0.00	40.08 1.47 0.00	44.97 1.59 0.00	48.25 2.34 0.00	52.55 3.06 0.00	56.39 3.30 0.00	54.17 3.05 0.00	76.89 3.82 0.00	57.30 3.09 0.00	70.10 3.59 0.00	52.27 2.53 0.00	60.76 2.66 0.00	37.88 1.62 0.00	37.68 1.56 0.00
DUNKIRK__115KV_TB_200 55889	33.94 -2.12 0.00	35.78 -2.54 0.00	32.39 -2.60 0.00	30.97 -2.64 0.00	29.37 -2.47 0.00	39.84 -3.41 0.00	71.27 -7.24 0.00	45.60 -6.68 10.11	56.87 -5.92 0.00	44.36 -5.55 1.54	41.24 -4.87 0.00	23.64 -4.28 10.70	38.65 -4.69 0.05	41.56 -4.35 0.00	42.89 -4.82 1.79	46.67 -5.86 0.56	41.85 -5.96 3.31	60.95 -8.22 3.91	46.98 -6.29 0.93	54.00 -8.05 4.45	42.02 -6.06 1.66	36.29 -7.13 14.68	32.49 -3.78 0.00	32.88 -3.23 0.00
DUNKIRK___1 23563	33.94 -2.12 0.00	35.78 -2.54 0.00	32.39 -2.60 0.00	30.97 -2.64 0.00	29.37 -2.47 0.00	39.84 -3.41 0.00	71.27 -7.24 0.00	45.60 -6.68 10.11	56.87 -5.92 0.00	44.36 -5.55 1.54	41.24 -4.87 0.00	23.64 -4.28 10.70	38.65 -4.69 0.05	41.56 -4.35 0.00	42.89 -4.82 1.79	46.67 -5.86 0.56	41.85 -5.96 3.31	60.95 -8.22 3.91	46.98 -6.29 0.93	54.00 -8.05 4.45	42.02 -6.06 1.66	36.29 -7.13 14.68	32.49 -3.78 0.00	32.88 -3.23 0.00
DUNKIRK___2 23564	33.94 -2.12 0.00	35.78 -2.54 0.00	32.39 -2.60 0.00	30.97 -2.64 0.00	29.37 -2.47 0.00	39.84 -3.41 0.00	71.27 -7.24 0.00	45.60 -6.68 10.11	56.87 -5.92 0.00	44.36 -5.55 1.54	41.24 -4.87 0.00	23.64 -4.28 10.70	38.65 -4.69 0.05	41.56 -4.35 0.00	42.89 -4.82 1.79	46.67 -5.86 0.56	41.85 -5.96 3.31	60.95 -8.22 3.91	46.98 -6.29 0.93	54.00 -8.05 4.45	42.02 -6.06 1.66	36.29 -7.13 14.68	32.49 -3.78 0.00	32.88 -3.23 0.00
DUNKIRK___3 23565	33.90 -2.16 0.00	35.73 -2.59 0.00	32.36 -2.63 0.00	31.00 -2.62 0.00	29.41 -2.42 0.00	39.89 -3.36 0.00	71.41 -7.10 0.00	46.53 -6.54 9.34	56.96 -5.84 0.00	44.51 -5.44 1.51	41.36 -4.75 0.00	24.08 -4.14 10.40	38.72 -4.62 0.05	41.63 -4.28 0.00	42.98 -4.78 1.74	46.75 -5.80 0.54	42.02 -5.88 3.22	61.20 -8.06 3.80	47.08 -6.22 0.91	54.28 -7.89 4.34	42.18 -5.94 1.62	36.86 -6.94 14.30	32.54 -3.72 0.00	32.96 -3.15 0.00
DUNKIRK___4 23566	33.90 -2.16 0.00	35.73 -2.59 0.00	32.36 -2.63 0.00	31.00 -2.62 0.00	29.41 -2.42 0.00	39.89 -3.36 0.00	71.41 -7.10 0.00	46.53 -6.54 9.34	56.96 -5.84 0.00	44.51 -5.44 1.51	41.36 -4.75 0.00	24.08 -4.62 10.40	38.72 -4.62 0.05	41.63 -4.28 0.00	42.98 -4.78 1.74	46.75 -5.80 0.54	42.02 -5.88 3.22	61.20 -8.06 3.80	47.08 -6.22 0.91	54.28 -7.89 4.34	42.18 -5.94 1.62	36.86 -6.94 14.30	32.54 -3.72 0.00	32.96 -3.15 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.80 1.74 0.00	40.05 1.73 0.00	36.46 1.47 0.00	35.04 1.42 0.00	33.19 1.36 0.00	45.49 2.24 0.00	82.10 3.59 0.00	65.36 2.96 0.00	65.36 2.57 0.00	53.55 2.10 0.00	57.36 1.84 -9.41	40.26 1.65 0.00	45.37 1.99 0.00	48.26 2.35 0.00	52.00 2.51 0.00	55.57 2.47 0.00	53.79 2.67 0.00	76.83 3.76 0.00	56.96 2.74 0.00	69.67 3.16 0.00	52.31 2.58 0.00	61.13 3.04 0.00	38.14 1.88 0.00	37.78 1.67 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.63 1.57 0.00	39.90 1.59 0.00	36.36 1.36 0.00	34.93 1.31 0.00	33.09 1.25 0.00	45.32 2.07 0.00	81.92 3.41 0.00	65.15 2.74 0.00	65.16 2.36 0.00	53.33 1.87 0.00	47.63 1.51 0.00	39.91 1.30 0.00	44.97 1.58 0.00	47.88 1.97 0.00	51.66 2.17 0.00	55.29 2.19 0.00	53.47 2.35 0.00	76.43 3.36 0.00	56.66 2.45 0.00	69.35 2.85 0.00	52.00 2.25 0.00	60.75 2.65 0.00	37.90 1.63 0.00	37.58 1.47 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	38.04 1.98 0.00	40.34 2.02 0.00	36.73 1.74 0.00	35.29 1.67 0.00	33.45 1.62 0.00	45.76 2.51 0.00	82.40 3.89 0.00	65.59 3.18 0.00	65.62 2.82 0.00	53.74 2.28 0.00	57.61 2.08 -9.41	40.50 1.89 0.00	45.60 2.21 0.00	48.51 2.60 0.00	52.19 2.70 0.00	55.70 2.61 0.00	54.00 2.88 0.00	77.15 4.07 0.00	57.17 2.96 0.00	69.95 3.44 0.00	52.60 2.86 0.00	61.45 3.36 0.00	38.37 2.10 0.00	37.99 1.88 0.00

E179THST_13_KV_LOAD 356214	38.18 2.12 0.00	40.48 2.16 0.00	36.85 1.86 0.00	35.41 1.80 0.00	33.55 1.72 0.00	45.92 2.66 0.00	82.72 4.21 0.00	65.86 3.46 0.00	65.90 3.10 0.00	53.96 2.50 0.00	57.83 2.30 -9.41	40.67 2.05 0.00	45.80 2.42 0.00	48.72 2.81 0.00	52.41 2.92 0.00	55.94 2.84 0.00	54.23 3.11 0.00	77.48 4.41 0.00	57.42 3.21 0.00	70.27 3.76 0.00	52.84 3.10 0.00	61.71 3.61 0.00	38.52 2.25 0.00	38.13 2.02 0.00
EAST HAMPTON___GT 23717	37.29 1.23 0.00	39.25 0.93 0.00	36.22 1.23 0.00	35.12 1.51 0.00	33.18 1.35 0.00	46.75 3.50 0.00	84.02 5.51 0.00	67.78 5.37 0.00	67.55 4.75 0.00	54.39 2.94 0.00	57.38 1.91 -9.34	39.38 0.77 0.00	44.99 1.61 0.00	48.42 2.51 0.00	52.22 2.73 0.00	57.40 2.77 -1.54	111.20 4.12 -55.97	103.12 4.28 -25.77	55.07 0.85 0.00	75.64 2.14 -7.00	53.74 1.66 -2.33	59.06 0.96 0.00	38.98 1.20 -1.52	36.68 0.57 0.00
EAST RIVER___6 23660	37.97 1.91 0.00	40.21 1.89 0.00	36.59 1.59 0.00	35.17 1.55 0.00	33.34 1.50 0.00	45.76 2.51 0.00	82.45 3.94 0.00	65.62 3.22 0.00	65.69 2.89 0.00	53.83 2.37 0.00	57.67 2.12 -9.43	40.56 1.95 0.00	45.73 2.34 0.00	48.66 2.75 0.00	52.39 2.90 0.00	55.98 2.88 0.00	54.23 3.11 0.00	77.33 4.25 0.00	57.35 3.14 0.00	70.04 3.54 0.00	52.64 2.90 0.00	61.54 3.44 0.00	38.40 2.13 0.00	37.99 1.88 0.00
EAST RIVER___7 23524	37.97 1.91 0.00	40.21 1.89 0.00	36.59 1.59 0.00	35.17 1.55 0.00	33.34 1.50 0.00	45.76 2.51 0.00	82.45 3.94 0.00	65.62 3.22 0.00	65.69 2.89 0.00	53.83 2.37 0.00	57.67 2.12 -9.43	40.56 1.95 0.00	45.73 2.34 0.00	48.66 2.75 0.00	52.39 2.90 0.00	55.98 2.88 0.00	54.23 3.11 0.00	77.33 4.25 0.00	57.35 3.14 0.00	70.04 3.54 0.00	52.64 2.90 0.00	61.54 3.44 0.00	38.40 2.13 0.00	37.99 1.88 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.71 1.64 0.00	39.95 1.64 0.00	36.39 1.40 0.00	34.96 1.34 0.00	33.12 1.29 0.00	45.38 2.13 0.00	81.93 3.43 0.00	65.20 2.80 0.00	65.18 2.38 0.00	53.36 1.91 0.00	53.30 1.66 -5.52	40.09 1.47 0.00	45.19 1.80 0.00	48.07 2.17 0.00	51.81 2.32 0.00	55.39 2.30 0.00	53.61 2.49 0.00	76.60 3.53 0.00	56.79 2.58 0.00	69.46 2.96 0.00	52.14 2.40 0.00	60.92 2.82 0.00	38.02 1.75 0.00	37.67 1.56 0.00
EAST_HAMPTON___DIESEL 23722	37.20 1.14 0.00	39.13 0.81 0.00	36.15 1.17 0.00	35.06 1.44 0.00	33.12 1.29 0.00	46.73 3.48 0.00	83.96 5.45 0.00	67.75 5.35 0.00	67.52 4.72 0.00	54.36 2.90 0.00	57.32 1.86 -9.34	39.31 0.69 0.00	44.94 1.55 0.00	48.37 2.46 0.00	52.17 2.68 0.00	57.34 2.71 -1.54	111.14 4.05 -55.97	102.95 4.10 -25.77	54.88 0.67 0.00	75.41 1.91 -7.00	53.57 1.50 -2.33	58.86 0.76 0.00	38.87 1.09 -1.52	36.56 0.45 0.00
EAST_POINT___SOLAR 323840	37.03 0.97 0.00	39.32 1.00 0.00	35.89 0.90 0.00	34.45 0.83 0.00	32.70 0.86 0.00	44.60 1.35 0.00	81.57 3.06 0.00	66.20 3.79 0.00	66.23 3.43 0.00	53.05 1.59 0.00	46.91 0.80 0.00	39.35 0.74 0.00	44.02 0.63 0.00	47.30 1.39 0.00	51.14 1.65 0.00	54.78 1.68 0.00	52.79 1.68 0.00	75.52 2.45 0.00	55.96 1.75 0.00	68.59 2.08 0.00	51.03 1.29 0.00	59.38 1.28 0.00	37.07 0.81 0.00	36.80 0.69 0.00
EAST_PULASKI___ESR 323781	35.32 -0.74 0.00	37.42 -0.89 0.00	34.14 -0.86 0.00	32.79 -0.83 0.00	31.07 -0.77 0.00	42.20 -1.05 0.00	76.96 -1.55 0.00	61.24 -1.16 0.00	61.53 -1.27 0.00	50.25 -1.21 0.00	44.84 -1.28 0.00	37.68 -0.93 0.00	42.46 -0.93 0.00	44.84 -1.07 0.00	48.32 -1.17 0.00	51.54 -1.56 0.00	49.57 -1.55 0.00	71.03 -2.05 0.00	52.78 -1.43 0.00	64.93 -1.58 0.00	48.37 -1.38 0.00	56.54 -1.56 0.00	35.35 -0.91 0.00	35.09 -1.03 0.00
EAST_RIVER___1 323558	38.01 1.95 0.00	40.25 1.94 0.00	36.65 1.66 0.00	35.21 1.59 0.00	33.37 1.54 0.00	45.74 2.49 0.00	82.45 3.94 0.00	65.63 3.22 0.00	65.67 2.87 0.00	53.79 2.33 0.00	57.64 2.09 -9.43	40.52 1.91 0.00	45.67 2.29 0.00	48.61 2.70 0.00	52.31 2.82 0.00	55.86 2.77 0.00	54.12 3.00 0.00	77.29 4.22 0.00	57.27 3.06 0.00	69.99 3.49 0.00	52.58 2.84 0.00	61.49 3.39 0.00	38.37 2.11 0.00	37.98 1.87 0.00
EAST_RIVER___2 323559	37.97 1.91 0.00	40.21 1.89 0.00	36.59 1.59 0.00	35.17 1.55 0.00	33.34 1.50 0.00	45.76 2.51 0.00	82.45 3.94 0.00	65.62 3.22 0.00	65.69 2.89 0.00	53.83 2.37 0.00	57.67 2.12 -9.43	40.56 1.95 0.00	45.73 2.34 0.00	48.66 2.75 0.00	52.39 2.90 0.00	55.98 2.88 0.00	54.23 3.11 0.00	77.33 4.25 0.00	57.35 3.14 0.00	70.04 3.54 0.00	52.64 2.90 0.00	61.54 3.44 0.00	38.40 2.13 0.00	37.99 1.88 0.00
EAST___DELAWARE_HYD 23607	37.13 1.07 0.00	39.37 1.05 0.00	35.88 0.89 0.00	34.48 0.86 0.00	32.66 0.82 0.00	44.73 1.48 0.00	80.98 2.47 0.00	64.41 2.01 0.00	64.51 1.71 0.00	52.71 1.25 0.00	46.98 0.87 0.00	39.22 0.60 0.00	44.20 0.82 0.00	46.92 1.01 0.00	49.66 0.17 0.00	53.28 0.19 0.00	51.56 0.44 0.00	73.77 0.69 0.00	54.67 0.46 0.00	66.93 0.42 0.00	50.19 0.45 0.00	58.61 0.51 0.00	37.28 1.01 0.00	36.93 0.82 0.00
EIGHT_POINT___WT_PWR 323820	34.16 -1.91 0.00	36.00 -2.32 0.00	32.75 -2.24 0.00	31.53 -2.09 0.00	29.78 -2.05 0.00	40.66 -2.59 0.00	72.88 -5.63 0.00	37.05 -5.46 19.89	57.14 -5.65 0.00	42.12 -5.74 3.60	40.90 -5.21 0.00	5.64 -4.80 28.18	37.72 -5.56 0.11	40.80 -5.11 0.00	39.33 -5.79 4.37	44.98 -6.76 1.36	36.34 -6.68 8.09	54.37 -9.13 9.56	45.19 -6.74 2.28	47.48 -8.14 10.89	39.30 -6.43 4.01	15.05 -7.63 35.42	31.79 -4.47 0.00	32.11 -4.01 0.00
ELBRIDGE_115KV_TB2 80188	35.26 -0.80 0.00	37.41 -0.91 0.00	34.15 -0.84 0.00	32.77 -0.84 0.00	31.04 -0.79 0.00	42.25 -1.00 0.00	76.58 -1.93 0.00	62.06 -1.62 -1.28	61.19 -1.61 0.00	50.20 -1.47 -0.22	44.76 -1.36 0.00	39.42 -1.15 -1.96	42.19 -1.21 -0.01	44.74 -1.17 0.00	48.64 -1.27 -0.42	51.73 -1.50 -0.13	50.49 -1.40 -0.77	71.97 -2.01 -0.91	52.94 -1.48 -0.22	65.60 -1.93 -1.02	48.62 -1.39 -0.28	58.80 -1.74 -2.44	35.22 -1.05 0.00	35.14 -0.97 0.00
ELEC_TRO_TEK 24086	38.04 1.97 0.00	40.24 1.93 0.00	36.58 1.59 0.00	35.17 1.56 0.00	33.27 1.43 0.00	45.68 2.43 0.00	82.10 3.59 0.00	65.67 3.27 0.00	65.59 2.79 0.00	53.66 2.20 0.00	57.45 1.98 -9.34	40.25 1.64 0.00	45.43 2.04 0.00	48.34 2.42 0.00	52.02 2.52 0.00	58.44 2.60 -2.75	154.13 3.00 -100.01	123.39 4.26 -46.05	57.18 2.97 0.00	82.77 3.75 -12.51	56.91 3.00 -4.17	61.40 3.30 0.00	41.02 2.05 -2.71	37.84 1.73 0.00
ELLENBURG_WT_PWR 323604	36.40 0.34 0.00	38.65 0.34 0.00	35.33 0.34 0.00	33.94 0.32 0.00	32.12 0.29 0.00	43.46 0.20 0.00	79.36 0.85 0.00	63.11 0.70 0.00	63.91 1.11 0.00	52.59 1.13 0.00	47.39 1.28 0.00	39.58 0.96 0.00	44.37 0.99 0.00	46.82 0.91 0.00	50.35 0.86 0.00	54.13 1.04 0.00	51.70 0.58 0.00	74.79 1.72 0.00	55.42 1.21 0.00	68.15 1.65 0.00	50.80 1.06 0.00	59.20 1.11 0.00	36.78 0.51 0.00	36.54 0.43 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.75 -2.32 0.00	35.45 -2.87 0.00	32.17 -2.82 0.00	30.83 -2.79 0.00	29.29 -2.54 0.00	39.61 -3.64 0.00	70.80 -7.71 0.00	47.48 -6.82 8.10	56.74 -6.06 0.00	44.73 -5.35 1.37	41.51 -4.61 0.00	25.35 -3.91 9.37	38.77 -4.58 0.04	41.55 -4.36 0.00	43.09 -4.82 1.58	46.66 -5.94 0.49	42.09 -6.09 2.93	61.28 -8.33 3.46	46.89 -6.49 0.83	54.47 -8.09 3.95	42.21 -6.06 1.47	38.18 -6.92 13.00	32.50 -3.76 0.00	33.01 -3.11 0.00
EMPIRE_CC_1 323656	36.24 0.18 0.00	38.62 0.30 0.00	35.34 0.35 0.00	33.95 0.34 0.00	32.29 0.46 0.00	43.84 0.58 0.00	78.91 0.39 0.00	62.61 0.20 0.00	63.24 0.44 0.00	52.05 0.59 0.00	46.81 0.69 0.00	39.17 0.55 0.00	43.78 0.39 0.00	46.18 0.26 0.00	50.17 0.68 0.00	53.66 0.57 0.00	51.72 0.60 0.00	73.32 0.25 0.00	54.84 0.62 0.00	67.15 0.65 0.00	50.49 0.75 0.00	58.89 0.79 0.00	36.75 0.49 0.00	36.63 0.52 0.00
EMPIRE_CC_2 323658	36.24 0.18 0.00	38.62 0.30 0.00	35.34 0.35 0.00	33.95 0.34 0.00	32.29 0.46 0.00	43.84 0.58 0.00	78.91 0.39 0.00	62.61 0.20 0.00	63.24 0.44 0.00	52.05 0.59 0.00	46.81 0.69 0.00	39.17 0.55 0.00	43.78 0.39 0.00	46.18 0.26 0.00	50.17 0.68 0.00	53.66 0.57 0.00	51.72 0.60 0.00	73.32 0.25 0.00	54.84 0.62 0.00	67.15 0.65 0.00	50.49 0.75 0.00	58.89 0.79 0.00	36.75 0.49 0.00	36.63 0.52 0.00
ENORWICH_115KV_TB1 80156	37.13 1.07 0.00	39.56 1.25 0.00	36.17 1.18 0.00	34.76 1.14 0.00	33.00 1.17 0.00	45.13 1.88 0.00	82.47 3.96 0.00	74.51 2.61 -9.50	64.88 2.08 0.00	53.93 0.84 -1.64	46.52 0.40 0.00	51.40 -0.13 -12.92	43.23 -0.22 -0.06	45.98 0.07 0.00	52.11 0.14 -2.48	54.19 0.32 -0.77	56.26 0.55 -4.59	79.19 0.70 -5.42	56.15 0.64 -1.29	73.06 0.43 -6.13	52.22 0.52 -1.96	76.10 0.65 -17.35	36.57 0.31 0.00	36.39 0.28 0.00
ERIE_ST__34_KV_TB1-2 80199	34.08 -1.99 0.00	35.80 -2.52 0.00	32.44 -2.55 0.00	31.12 -2.50 0.00	29.56 -2.27 0.00	40.07 -3.18 0.00	71.81 -6.70 0.00	47.76 -5.99 8.65	57.56 -5.23 0.00	45.22 -4.72 1.51	42.05 -4.07 0.00	24.84 -3.45 10.32	39.28 -4.06 0.05	42.18 -3.73 0.00	43.56 -4.19 1.74	47.38 -5.18 0.54	42.54 -5.36 3.22	62.06 -7.20 3.80	47.58 -5.72 0.91	55.05 -7.12 4.34	42.75 -5.37 1.62	37.69 -6.12 14.29	32.90 -3.37 0.00	33.35 -2.76 0.00
ERIE_WT_PWR 323693	33.93 -2.13 0.00	35.64 -2.68 0.00	32.33 -2.67 0.00	30.99 -2.63 0.00	29.44 -2.40 0.00	39.84 -3.42 0.00	71.23 -7.29 0.00	47.32 -6.54 8.55	57.02 -5.78 0.00	44.74 -5.22 1.49	41.64 -4.47 0.00	24.64 -3.85 10.12	38.87 -4.47 0.05	41.69 -4.22 0.00	43.12 -4.65 1.72	46.82 -5.75 0.53	42.01 -5.92 3.19	61.27 -8.04 3.76	47.02 -6.29 0.90	54.37 -7.84 4.29	42.26 -5.88 1.60	37.22 -6.74 14.14	32.58 -3.69 0.00	33.09 -3.02 0.00
ESPRGFLD_115KV_TB1 80157	36.42 0.36 0.00	38.70 0.38 0.00	35.29 0.30 0.00	33.88 0.26 0.00	32.08 0.25 0.00	43.74 0.49 0.00	80.11 1.60 0.00	66.94 4.53 0.00	66.99 4.19 0.00	52.13 0.68 0.00	46.28 0.16 0.00	38.70 0.09 0.00	43.48 0.09 0.00	46.38 0.47 0.00	49.93 0.44 0.00	53.42 0.33 0.00	51.35 0.23 0.00	73.46 0.39 0.00	54.40 0.19 0.00	66.66 0.16 0.00	49.63 -0.11 0.00	58.01 -0.09 0.00	36.27 0.01 0.00	36.06 -0.05 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.19 0.12 0.00	38.39 0.08 0.00	35.04 0.05 0.00	33.65 0.03 0.00	31.87 0.04 0.00	43.47 0.21 0.00	78.93 0.42 0.00	85.06 0.18 -22.47	62.94 0.14 0.00	55.06 -0.25 -3.86	45.79 -0.32 0.00	70.25 -0.36 -31.99	43.21 -0.32 -0.15	45.80 -0.11 0.00	55.02 -0.19 -5.72	54.61 -0.26 -1.78	61.58 -0.14 -10.60	85.39 -0.20 -12.52	57.04 -0.16 -2.98	80.36 -0.34 -14.19	54.28 -0.27 -4.81	100.29 -0.36 -42.55	36.04 -0.22 0.00	35.95 -0.16 0.00
ETNA____115KV_TB2 80207	36.19 0.12 0.00	38.39 0.08 0.00	35.04 0.05 0.00	33.65 0.03 0.00	31.87 0.04 0.00	43.47 0.21 0.00	78.93 0.42 0.00	85.06 0.18 -22.47	62.94 0.14 0.00	55.06 -0.25 -3.86	45.79 -0.32 0.00	70.25 -0.36 -31.99	43.21 -0.32 -0.15	45.80 -0.11 0.00	55.02 -0.19 -5.72	54.61 -0.26 -1.78	61.58 -0.14 -10.60	85.39 -0.20 -12.52	57.04 -0.16 -2.98	80.36 -0.34 -14.19	54.28 -0.27 -4.81	100.29 -0.36 -42.55	36.04 -0.22 0.00	35.95 -0.16 0.00
EUCLID__115KV_TB2 356179	35.07 -0.99 0.00	37.21 -1.11 0.00	33.96 -1.03 0.00	32.63 -0.99 0.00	30.91 -0.92 0.00	42.04 -1.21 0.00	76.16 -2.35 0.00	60.47 -1.94 0.00	60.90 -1.90 0.00	49.79 -1.67 0.00	44.61 -1.51 0.00	37.37 -1.24 0.00	42.03 -1.36 0.00	44.57 -1.34 0.00	48.05 -1.45 0.00	51.39 -1.71 0.00	49.51 -1.61 0.00	70.73 -2.34 0.00	52.49 -1.73 0.00	64.31 -2.19 0.00	48.10 -1.64 0.00	56.14 -1.96 0.00	35.09 -1.18 0.00	34.98 -1.13 0.00
E_CANADA_CAP_HY 24051	36.24 0.17 0.00	38.50 0.18 0.00	35.09 0.10 0.00	33.69 0.07 0.00	31.95 0.11 0.00	43.49 0.24 0.00	79.54 1.03 0.00	65.05 2.65 0.00	65.21 2.41 0.00	52.00 0.54 0.00	46.20 0.08 0.00	38.72 0.10 0.00	43.39 0.00 0.00	46.35 0.44 0.00	50.00 0.51 0.00	53.44 0.35 0.00	51.29 0.17 0.00	73.34 0.27 0.00	54.26 0.05 0.00	66.59 0.08 0.00	49.49 -0.25 0.00	57.66 -0.44 0.00	36.12 -0.15 0.00	35.90 -0.22 0.00
E_CANADA_MHWK_HY 24050	37.74 1.67 0.00	40.19 1.87 0.00	36.80 1.81 0.00	35.44 1.82 0.00	33.60 1.77 0.00	45.97 2.72 0.00	83.31 4.80 0.00	66.06 3.65 0.00	65.93 3.13 0.00	53.56 2.11 0.00	47.71 1.59 0.00	40.08 1.47 0.00	44.97 1.59 0.00	48.25 2.34 0.00	52.55 3.05 0.00	56.39 3.30 0.00	54.17 3.05 0.00	76.89 3.82 0.00	57.30 3.09 0.00	70.09 3.59 0.00	52.27 2.53 0.00	60.76 2.66 0.00	37.88 1.62 0.00	37.67 1.56 0.00
E_FISHKILL__LBMP 23776	37.47 1.40 0.00	39.75 1.43 0.00	36.22 1.23 0.00	34.80 1.18 0.00	32.96 1.13 0.00	45.11 1.86 0.00	81.41 2.89 0.00	64.76 2.35 0.00	64.79 1.99 0.00	53.10 1.65 0.00	47.54 1.43 0.00	39.89 1.28 0.00	44.94 1.55 0.00	47.77 1.85 0.00	51.51 2.02 0.00	55.06 1.96 0.00	53.24 2.12 0.00	76.02 2.94 0.00	56.38 2.17 0.00	69.00 2.49 0.00	51.79 2.05 0.00	60.53 2.43 0.00	37.77 1.50 0.00	37.44 1.33 0.00
FALCON__SEABRD_CC1 323796	36.62 0.56 0.00	38.88 0.56 0.00	35.54 0.55 0.00	34.14 0.52 0.00	32.31 0.48 0.00	43.71 0.46 0.00	79.87 1.36 0.00	63.55 1.14 0.00	64.42 1.62 0.00	52.98 1.52 0.00	47.79 1.67 0.00	39.90 1.28 0.00	44.71 1.32 0.00	47.20 1.28 0.00	50.74 1.24 0.00	54.55 1.45 0.00	52.07 0.96 0.00	75.45 2.37 0.00	55.90 1.69 0.00	68.75 2.24 0.00	51.20 1.46 0.00	59.63 1.53 0.00	37.02 0.75 0.00	36.75 0.64 0.00
FALCON__SEABRD_CC2 323797	36.62 0.56 0.00	38.88 0.56 0.00	35.54 0.55 0.00	34.14 0.52 0.00	32.31 0.48 0.00	43.71 0.46 0.00	79.87 1.36 0.00	63.55 1.14 0.00	64.42 1.62 0.00	52.98 1.52 0.00	47.79 1.67 0.00	39.90 1.28 0.00	44.71 1.32 0.00	47.20 1.28 0.00	50.74 1.24 0.00	54.55 1.45 0.00	52.07 0.96 0.00	75.45 2.37 0.00	55.90 1.69 0.00	68.75 2.24 0.00	51.20 1.46 0.00	59.63 1.53 0.00	37.02 0.75 0.00	36.75 0.64 0.00

FAR ROCKAWAY___4 23548	38.46 2.40 0.00	40.68 2.36 0.00	36.97 1.98 0.00	35.54 1.93 0.00	33.63 1.80 0.00	46.17 2.92 0.00	82.98 4.47 0.00	66.36 3.96 0.00	66.28 3.48 0.00	54.17 2.72 0.00	57.96 2.50 -9.34	40.67 2.05 0.00	45.89 2.50 0.00	48.79 2.88 0.00	52.55 3.06 0.00	58.81 3.20 -2.51	146.09 3.53 -91.44	120.10 4.92 -42.10	57.87 3.66 0.00	82.54 4.60 -11.43	57.20 3.65 -3.81	62.07 3.97 0.00	41.21 2.47 -2.47	38.23 2.12 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.03 1.96 0.00	40.28 1.96 0.00	36.66 1.66 0.00	35.22 1.60 0.00	33.37 1.54 0.00	45.74 2.49 0.00	82.45 3.94 0.00	65.64 3.24 0.00	65.67 2.87 0.00	53.78 2.33 0.00	57.63 2.08 -9.43	40.52 1.91 0.00	45.67 2.29 0.00	48.59 2.69 0.00	52.30 2.81 0.00	55.85 2.76 0.00	54.09 2.97 0.00	77.29 4.22 0.00	57.27 3.06 0.00	70.00 3.49 0.00	52.58 2.84 0.00	61.48 3.38 0.00	38.37 2.10 0.00	37.99 1.87 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.03 1.97 0.00	40.29 1.97 0.00	36.66 1.67 0.00	35.22 1.61 0.00	33.38 1.54 0.00	45.74 2.49 0.00	82.46 3.95 0.00	65.64 3.24 0.00	65.67 2.87 0.00	53.77 2.32 0.00	57.61 2.07 -9.43	40.52 1.90 0.00	45.67 2.28 0.00	48.59 2.68 0.00	52.29 2.80 0.00	55.84 2.75 0.00	54.09 2.97 0.00	77.29 4.22 0.00	57.26 3.05 0.00	70.01 3.50 0.00	52.59 2.84 0.00	61.48 3.38 0.00	38.37 2.11 0.00	37.99 1.88 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.00 1.93 0.00	40.25 1.93 0.00	36.64 1.65 0.00	35.20 1.59 0.00	33.37 1.53 0.00	45.71 2.46 0.00	82.41 3.90 0.00	65.60 3.20 0.00	65.62 2.83 0.00	53.75 2.29 0.00	57.60 2.05 -9.43	40.50 1.88 0.00	45.64 2.26 0.00	48.57 2.66 0.00	52.27 2.78 0.00	55.81 2.72 0.00	54.06 2.95 0.00	77.24 4.17 0.00	57.23 3.02 0.00	69.95 3.44 0.00	52.55 2.81 0.00	61.44 3.34 0.00	38.35 2.09 0.00	37.96 1.85 0.00
FARRAGUT___LBMP 323566	37.99 1.93 0.00	40.23 1.92 0.00	36.62 1.63 0.00	35.19 1.57 0.00	33.34 1.51 0.00	45.70 2.44 0.00	82.37 3.86 0.00	65.54 3.14 0.00	65.56 2.76 0.00	53.70 2.24 0.00	57.55 2.01 -9.43	40.47 1.85 0.00	45.60 2.21 0.00	48.52 2.62 0.00	52.22 2.73 0.00	55.76 2.67 0.00	54.01 2.90 0.00	77.17 4.10 0.00	57.18 2.97 0.00	69.90 3.39 0.00	52.51 2.77 0.00	61.40 3.30 0.00	38.32 2.06 0.00	37.94 1.83 0.00
FENNER___WINDPWR 24204	36.45 0.38 0.00	38.77 0.45 0.00	35.39 0.40 0.00	33.99 0.38 0.00	32.21 0.37 0.00	43.92 0.67 0.00	79.90 1.39 0.00	67.89 1.01 -4.47	63.70 0.90 0.00	52.71 0.49 -0.77	46.51 0.39 0.00	45.28 0.36 -6.30	43.90 0.49 -0.03	46.54 0.63 0.00	51.40 0.72 -1.19	54.09 0.63 -0.37	53.95 0.62 -2.21	76.39 0.70 -2.61	55.38 0.55 -0.62	70.04 0.58 -2.95	51.06 0.37 -0.95	66.81 0.33 -8.38	36.47 0.20 0.00	36.28 0.17 0.00
FIBERTEK___ENERGY 23856	35.43 -0.63 0.00	37.62 -0.70 0.00	34.33 -0.67 0.00	32.96 -0.65 0.00	31.24 -0.60 0.00	42.51 -0.75 0.00	77.10 -1.41 0.00	61.71 -1.21 -0.52	61.62 -1.18 0.00	50.31 -1.15 0.00	45.06 -1.06 0.00	39.50 -0.88 -1.76	42.49 -0.90 -0.01	45.06 -0.85 0.00	48.91 -0.93 -0.34	52.07 -1.13 -0.11	50.70 -1.05 -0.64	72.30 -1.53 -0.75	53.27 -1.13 -0.18	65.85 -1.50 -0.85	48.90 -1.09 -0.25	58.96 -1.35 -2.21	35.43 -0.84 0.00	35.33 -0.78 0.00
FITZPATRICK___ 23598	34.61 -1.46 0.00	36.73 -1.58 0.00	33.54 -1.45 0.00	32.24 -1.38 0.00	30.52 -1.31 0.00	41.48 -1.77 0.00	75.17 -3.33 0.00	59.73 -2.67 0.00	60.14 -2.65 0.00	49.19 -2.26 0.00	44.09 -2.03 0.00	36.94 -1.68 0.00	41.52 -1.87 0.00	43.99 -1.92 0.00	47.43 -2.06 0.00	50.75 -2.34 0.00	48.89 -2.22 0.00	69.84 -3.23 0.00	51.85 -2.36 0.00	63.53 -2.98 0.00	47.52 -2.22 0.00	55.47 -2.63 0.00	34.68 -1.59 0.00	34.57 -1.55 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.90 1.84 0.00	40.19 1.87 0.00	36.62 1.63 0.00	35.18 1.57 0.00	33.33 1.50 0.00	45.66 2.41 0.00	82.52 4.01 0.00	65.65 3.24 0.00	65.72 2.92 0.00	53.81 2.35 0.00	48.08 1.97 0.00	40.30 1.68 0.00	45.38 2.00 0.00	48.32 2.41 0.00	52.14 2.65 0.00	55.78 2.69 0.00	53.96 2.85 0.00	77.08 4.01 0.00	57.17 2.96 0.00	69.95 3.45 0.00	52.46 2.72 0.00	61.26 3.17 0.00	38.20 1.94 0.00	37.86 1.74 0.00
FORT ORANGE___ 23900	36.56 0.50 0.00	38.93 0.61 0.00	35.63 0.63 0.00	34.24 0.62 0.00	32.46 0.63 0.00	44.18 0.93 0.00	79.80 1.29 0.00	63.38 0.97 0.00	63.66 0.86 0.00	52.36 0.90 0.00	46.90 0.79 0.00	39.27 0.66 0.00	44.04 0.65 0.00	46.51 0.60 0.00	50.45 0.96 0.00	54.10 1.00 0.00	52.19 1.08 0.00	74.31 1.24 0.00	55.39 1.18 0.00	67.82 1.32 0.00	50.89 1.15 0.00	59.34 1.24 0.00	36.98 0.71 0.00	36.83 0.72 0.00
FORT_DRUM_COGEN 23780	36.41 0.34 0.00	38.66 0.35 0.00	35.19 0.19 0.00	33.77 0.15 0.00	31.99 0.16 0.00	43.41 0.16 0.00	80.68 2.17 0.00	64.35 1.94 0.00	64.13 1.33 0.00	52.08 0.63 0.00	46.14 0.03 0.00	39.06 0.44 0.00	44.16 0.78 0.00	46.21 0.30 0.00	49.76 0.27 0.00	52.82 -0.28 0.00	50.58 -0.54 0.00	73.01 -0.06 0.00	54.46 0.25 0.00	67.67 1.17 0.00	49.77 0.03 0.00	58.20 0.10 0.00	36.42 0.15 0.00	35.81 -0.30 0.00
FOX_HILLS___ESR 323835	38.19 2.13 0.00	40.48 2.17 0.00	36.86 1.86 0.00	35.42 1.80 0.00	33.56 1.72 0.00	45.90 2.64 0.00	82.33 3.82 0.00	65.58 3.17 0.00	65.50 2.71 0.00	53.68 2.23 0.00	57.57 2.05 -9.41	40.54 1.93 0.00	45.68 2.30 0.00	48.59 2.68 0.00	52.18 2.69 0.00	55.66 2.57 0.00	54.02 2.90 0.00	77.16 4.08 0.00	57.20 2.99 0.00	69.95 3.44 0.00	52.69 2.95 0.00	61.61 3.51 0.00	38.54 2.28 0.00	38.15 2.04 0.00
FPL_FAR_ROCK_GT1 24212	38.46 2.40 0.00	40.68 2.36 0.00	36.97 1.97 0.00	35.54 1.92 0.00	33.63 1.79 0.00	46.17 2.92 0.00	82.97 4.46 0.00	66.37 3.97 0.00	66.28 3.48 0.00	54.17 2.72 0.00	57.96 2.50 -9.34	40.68 2.06 0.00	45.89 2.50 0.00	48.79 2.88 0.00	52.55 3.06 0.00	58.80 3.19 -2.51	146.08 3.53 -91.44	120.10 4.92 -42.10	57.87 3.66 0.00	82.53 4.59 -11.43	57.20 3.65 -3.81	62.07 3.97 0.00	41.21 2.47 -2.47	38.23 2.12 0.00
FPL_FAR_ROCK_GT2 23815	38.46 2.40 0.00	40.68 2.36 0.00	36.97 1.97 0.00	35.54 1.92 0.00	33.63 1.79 0.00	46.17 2.92 0.00	82.97 4.46 0.00	66.37 3.97 0.00	66.28 3.48 0.00	54.17 2.72 0.00	57.96 2.50 -9.34	40.68 2.06 0.00	45.89 2.50 0.00	48.79 2.88 0.00	52.55 3.06 0.00	58.80 3.19 -2.51	146.08 3.53 -91.44	120.10 4.92 -42.10	57.87 3.66 0.00	82.53 4.59 -11.43	57.20 3.65 -3.81	62.07 3.97 0.00	41.21 2.47 -2.47	38.23 2.12 0.00
FRANKLIN_FALL_HYD 24054	36.96 0.90 0.00	39.24 0.93 0.00	35.85 0.86 0.00	34.45 0.83 0.00	32.62 0.79 0.00	44.13 0.88 0.00	80.86 2.35 0.00	64.36 1.96 0.00	65.19 2.39 0.00	53.65 2.20 0.00	48.28 2.16 0.00	40.27 1.66 0.00	45.15 1.77 0.00	47.69 1.78 0.00	51.29 1.80 0.00	55.12 2.03 0.00	52.61 1.49 0.00	76.24 3.17 0.00	56.37 2.16 0.00	69.33 2.83 0.00	51.68 1.93 0.00	60.24 2.14 0.00	37.42 1.16 0.00	37.15 1.04 0.00

FREEPORT_EQUS_GT1 23764	38.19 2.13 0.00	40.40 2.09 0.00	36.71 1.72 0.00	35.30 1.68 0.00	33.37 1.54 0.00	45.86 2.60 0.00	82.14 3.63 0.00	66.00 3.60 0.00	65.66 2.86 0.00	53.84 2.39 0.00	57.59 2.13 -9.34	40.21 1.59 0.00	45.41 2.02 0.00	48.30 2.39 0.00	51.97 2.48 0.00	57.74 2.54 -2.11	130.99 2.96 -76.91	112.80 4.31 -35.42	57.32 3.11 0.00	80.32 4.20 -9.62	56.29 3.34 -3.21	61.72 3.63 0.00	40.60 2.26 -2.08	37.99 1.87 0.00
FREEPORT___CT2 23818	38.19 2.13 0.00	40.40 2.09 0.00	36.71 1.72 0.00	35.30 1.68 0.00	33.37 1.54 0.00	45.86 2.60 0.00	82.14 3.63 0.00	66.00 3.60 0.00	65.66 2.86 0.00	53.84 2.39 0.00	57.59 2.13 -9.34	40.21 1.59 0.00	45.41 2.02 0.00	48.30 2.39 0.00	51.97 2.48 0.00	57.74 2.54 -2.11	130.99 2.96 -76.91	112.80 4.31 -35.42	57.32 3.11 0.00	80.32 4.20 -9.62	56.29 3.34 -3.21	61.72 3.63 0.00	40.60 2.26 -2.08	37.99 1.87 0.00
FRESHKLS_33_KV_LOAD 356253	38.36 2.30 0.00	40.69 2.38 0.00	37.05 2.06 0.00	35.60 1.99 0.00	33.75 1.91 0.00	46.11 2.86 0.00	82.44 3.93 0.00	65.62 3.22 0.00	65.46 2.66 0.00	53.68 2.22 0.00	57.55 2.02 -9.41	40.55 1.93 0.00	45.68 2.30 0.00	48.58 2.67 0.00	52.14 2.65 0.00	55.61 2.52 0.00	54.03 2.91 0.00	77.16 4.08 0.00	57.21 3.00 0.00	69.97 3.46 0.00	52.73 2.99 0.00	61.64 3.55 0.00	38.61 2.35 0.00	38.22 2.11 0.00
FULTON COGEN____ 23766	34.94 -1.12 0.00	37.07 -1.25 0.00	33.84 -1.16 0.00	32.51 -1.10 0.00	30.81 -1.02 0.00	41.90 -1.35 0.00	75.99 -2.52 0.00	60.39 -2.02 0.00	60.74 -2.05 0.00	49.68 -1.78 0.00	44.49 -1.62 0.00	37.28 -1.33 0.00	41.95 -1.43 0.00	44.44 -1.47 0.00	47.93 -1.56 0.00	51.28 -1.81 0.00	49.42 -1.70 0.00	70.64 -2.43 0.00	52.42 -1.80 0.00	64.23 -2.27 0.00	48.01 -1.73 0.00	56.03 -2.06 0.00	35.00 -1.27 0.00	34.86 -1.26 0.00
FULTON___LFGE 323630	36.92 0.86 0.00	39.24 0.92 0.00	35.79 0.80 0.00	34.37 0.75 0.00	32.60 0.77 0.00	44.47 1.22 0.00	81.12 2.62 0.00	65.65 3.25 0.00	65.76 2.96 0.00	52.91 1.45 0.00	46.89 0.77 0.00	39.44 0.83 0.00	44.16 0.78 0.00	47.25 1.34 0.00	51.07 1.58 0.00	54.71 1.61 0.00	52.66 1.55 0.00	75.20 2.13 0.00	55.76 1.55 0.00	68.33 1.82 0.00	50.94 1.20 0.00	59.29 1.19 0.00	37.01 0.75 0.00	36.77 0.66 0.00
G.F.CEMENT___DRP 24184	37.23 1.17 0.00	39.71 1.39 0.00	36.42 1.43 0.00	34.97 1.35 0.00	33.31 1.48 0.00	45.30 2.05 0.00	82.11 3.60 0.00	65.21 2.80 0.00	65.34 2.54 0.00	53.84 2.39 0.00	48.31 2.20 0.00	40.38 1.76 0.00	45.29 1.90 0.00	47.80 1.89 0.00	52.09 2.60 0.00	55.77 2.67 0.00	53.81 2.70 0.00	76.20 3.13 0.00	57.13 2.93 0.00	69.85 3.35 0.00	52.42 2.68 0.00	60.83 2.73 0.00	37.89 1.63 0.00	37.68 1.57 0.00
GARDENVILLE___LBMP 24039	33.82 -2.24 0.00	35.53 -2.79 0.00	32.24 -2.76 0.00	30.91 -2.71 0.00	29.36 -2.47 0.00	39.74 -3.52 0.00	71.03 -7.48 0.00	46.17 -6.69 9.54	56.71 -6.09 0.00	44.35 -5.44 1.67	41.36 -4.75 0.00	23.83 -4.04 10.75	38.57 -4.77 0.05	41.43 -4.48 0.00	42.60 -4.96 1.94	46.39 -6.10 0.60	41.30 -6.23 3.59	60.34 -8.50 4.24	46.58 -6.62 1.01	53.48 -8.20 4.83	41.79 -6.16 1.80	35.22 -6.99 15.88	32.40 -3.87 0.00	32.89 -3.22 0.00
GARDNVLA_35_KV_LD 355827	34.03 -2.04 0.00	35.73 -2.59 0.00	32.41 -2.58 0.00	31.07 -2.55 0.00	29.52 -2.32 0.00	39.96 -3.29 0.00	71.47 -7.04 0.00	47.74 -6.29 8.37	57.24 -5.55 0.00	45.02 -4.98 1.46	41.83 -4.28 0.00	24.93 -3.67 10.01	39.06 -4.28 0.04	41.91 -4.00 0.00	43.35 -4.46 1.68	47.02 -5.56 0.52	42.29 -5.71 3.11	61.67 -7.72 3.68	47.29 -6.05 0.88	54.75 -7.56 4.19	42.50 -5.68 1.56	37.78 -6.50 13.82	32.72 -3.54 0.00	33.20 -2.91 0.00
GELCKHM___115KV_LOAD 80723	35.21 -0.85 0.00	37.36 -0.96 0.00	34.10 -0.90 0.00	32.75 -0.87 0.00	31.04 -0.79 0.00	42.22 -1.03 0.00	76.50 -2.01 0.00	60.75 -1.65 0.00	61.16 -1.64 0.00	49.99 -1.47 0.00	44.79 -1.33 0.00	37.51 -1.11 0.00	42.21 -1.18 0.00	44.76 -1.15 0.00	48.24 -1.25 0.00	51.60 -1.49 0.00	49.72 -1.40 0.00	71.05 -2.02 0.00	52.71 -1.50 0.00	64.58 -1.93 0.00	48.31 -1.43 0.00	56.37 -1.73 0.00	35.22 -1.04 0.00	35.11 -1.00 0.00
GENERAL___MILLS 23808	33.92 -2.15 0.00	35.62 -2.70 0.00	32.31 -2.68 0.00	30.98 -2.64 0.00	29.43 -2.40 0.00	39.84 -3.42 0.00	71.23 -7.28 0.00	47.35 -6.51 8.55	57.02 -5.77 0.00	44.79 -5.17 1.49	41.65 -4.47 0.00	24.69 -3.80 10.12	38.89 -4.44 0.05	41.73 -4.18 0.00	43.12 -4.65 1.72	46.81 -5.75 0.53	42.03 -5.90 3.19	61.28 -8.03 3.76	47.04 -6.27 0.90	54.40 -7.82 4.29	42.27 -5.87 1.60	37.26 -6.71 14.14	32.60 -3.66 0.00	33.10 -3.01 0.00
GE_PLASTICS___DRP 24183	36.51 0.45 0.00	38.86 0.54 0.00	35.55 0.56 0.00	34.16 0.55 0.00	32.37 0.53 0.00	44.04 0.79 0.00	79.56 1.05 0.00	63.18 0.78 0.00	63.45 0.65 0.00	52.15 0.70 0.00	46.74 0.62 0.00	39.18 0.56 0.00	43.96 0.58 0.00	46.50 0.59 0.00	50.35 0.85 0.00	53.94 0.85 0.00	52.01 0.89 0.00	74.01 0.94 0.00	55.12 0.91 0.00	67.49 0.99 0.00	50.65 0.91 0.00	59.10 1.00 0.00	36.86 0.60 0.00	36.70 0.58 0.00
GILBOA___1 23756	36.71 0.65 0.00	39.14 0.82 0.00	35.84 0.85 0.00	34.43 0.81 0.00	32.47 0.64 0.00	44.20 0.95 0.00	79.90 1.39 0.00	63.48 1.08 0.00	63.69 0.89 0.00	52.21 0.75 0.00	46.76 0.65 0.00	39.19 0.58 0.00	44.06 0.68 0.00	46.72 0.81 0.00	50.47 0.98 0.00	54.01 0.92 0.00	52.08 0.96 0.00	74.00 0.92 0.00	55.02 0.81 0.00	67.50 0.99 0.00	50.68 0.94 0.00	59.17 1.08 0.00	36.93 0.66 0.00	36.71 0.60 0.00
GILBOA___2 23757	36.71 0.65 0.00	39.14 0.82 0.00	35.84 0.85 0.00	34.43 0.81 0.00	32.47 0.64 0.00	44.20 0.95 0.00	79.90 1.39 0.00	63.48 1.08 0.00	63.69 0.89 0.00	52.21 0.75 0.00	46.76 0.65 0.00	39.19 0.58 0.00	44.06 0.68 0.00	46.72 0.81 0.00	50.47 0.98 0.00	54.01 0.92 0.00	52.08 0.96 0.00	74.00 0.92 0.00	55.02 0.81 0.00	67.50 0.99 0.00	50.68 0.94 0.00	59.17 1.08 0.00	36.93 0.66 0.00	36.71 0.60 0.00
GILBOA___3 23758	36.71 0.65 0.00	39.14 0.82 0.00	35.84 0.85 0.00	34.43 0.81 0.00	32.47 0.64 0.00	44.20 0.95 0.00	79.90 1.39 0.00	63.48 1.08 0.00	63.69 0.89 0.00	52.21 0.75 0.00	46.76 0.65 0.00	39.19 0.58 0.00	44.06 0.68 0.00	46.72 0.81 0.00	50.47 0.98 0.00	54.01 0.92 0.00	52.08 0.96 0.00	74.00 0.92 0.00	55.02 0.81 0.00	67.50 0.99 0.00	50.68 0.94 0.00	59.17 1.08 0.00	36.93 0.66 0.00	36.71 0.60 0.00
GILBOA___4 23759	36.71 0.65 0.00	39.14 0.82 0.00	35.84 0.85 0.00	34.43 0.81 0.00	32.47 0.64 0.00	44.20 0.95 0.00	79.90 1.39 0.00	63.48 1.08 0.00	63.69 0.89 0.00	52.21 0.75 0.00	46.76 0.65 0.00	39.19 0.58 0.00	44.06 0.68 0.00	46.72 0.81 0.00	50.47 0.98 0.00	54.01 0.92 0.00	52.08 0.96 0.00	74.00 0.92 0.00	55.02 0.81 0.00	67.50 0.99 0.00	50.68 0.94 0.00	59.17 1.08 0.00	36.93 0.66 0.00	36.71 0.60 0.00

GILBOA____ 23599	36.71 0.65 0.00	39.14 0.82 0.00	35.84 0.85 0.00	34.43 0.81 0.00	32.47 0.64 0.00	44.20 0.95 0.00	79.90 1.39 0.00	63.48 1.08 0.00	63.69 0.89 0.00	52.20 0.75 0.00	46.77 0.65 0.00	39.20 0.58 0.00	44.07 0.68 0.00	46.72 0.81 0.00	50.47 0.98 0.00	54.02 0.92 0.00	52.08 0.96 0.00	74.00 0.93 0.00	55.02 0.81 0.00	67.50 1.00 0.00	50.68 0.94 0.00	59.17 1.08 0.00	36.92 0.66 0.00	36.71 0.60 0.00
GINNA____ 23603	33.19 -2.87 0.00	35.01 -3.31 0.00	31.88 -3.11 0.00	30.60 -3.02 0.00	29.04 -2.79 0.00	39.47 -3.78 0.00	71.40 -7.11 0.00	53.86 -5.87 2.68	57.29 -5.51 0.00	46.32 -4.66 0.47	42.06 -4.05 0.00	32.10 -3.46 3.06	39.49 -3.88 0.01	42.01 -3.90 0.00	44.79 -4.20 0.50	48.03 -4.91 0.16	45.37 -4.81 0.93	65.31 -6.67 1.10	48.82 -5.12 0.26	58.83 -6.43 1.25	44.40 -4.86 0.47	48.16 -5.73 4.20	32.83 -3.43 0.00	32.96 -3.15 0.00
GLEN PARK____ 23778	36.44 0.37 0.00	38.69 0.37 0.00	35.20 0.21 0.00	33.78 0.16 0.00	32.01 0.18 0.00	43.47 0.21 0.00	80.77 2.26 0.00	64.44 2.03 0.00	64.24 1.44 0.00	52.14 0.69 0.00	46.22 0.10 0.00	39.13 0.52 0.00	44.26 0.87 0.00	46.31 0.40 0.00	49.89 0.40 0.00	52.97 -0.12 0.00	50.77 -0.35 0.00	73.26 0.19 0.00	54.66 0.45 0.00	67.86 1.36 0.00	49.92 0.18 0.00	58.36 0.26 0.00	36.48 0.21 0.00	35.87 -0.24 0.00
GLENDALE_27_KV_LOAD 356172	38.17 2.11 0.00	40.43 2.11 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.50 1.67 0.00	45.86 2.61 0.00	82.55 4.05 0.00	65.74 3.34 0.00	65.79 2.99 0.00	53.92 2.47 0.00	57.78 2.25 -9.41	40.68 2.07 0.00	45.84 2.46 0.00	48.75 2.84 0.00	52.44 2.95 0.00	55.93 2.84 0.00	54.20 3.08 0.00	77.43 4.36 0.00	57.37 3.16 0.00	70.14 3.64 0.00	52.75 3.01 0.00	61.68 3.58 0.00	38.53 2.27 0.00	38.13 2.02 0.00
GLENWOOD_IC_1_G5 23712	38.09 2.03 0.00	40.32 2.00 0.00	36.68 1.68 0.00	35.24 1.62 0.00	33.36 1.52 0.00	45.77 2.52 0.00	82.41 3.90 0.00	65.80 3.40 0.00	65.78 2.98 0.00	53.84 2.38 0.00	57.58 2.12 -9.34	40.41 1.79 0.00	45.59 2.20 0.00	48.49 2.58 0.00	52.21 2.73 0.00	58.57 2.78 -2.69	152.35 3.11 -98.13	122.67 4.41 -45.19	57.35 3.14 0.00	82.59 3.81 -12.27	56.88 3.05 -4.09	61.54 3.45 0.00	41.05 2.13 -2.66	37.94 1.83 0.00
GLENWOOD_IC_2_G1 23688	37.94 1.87 0.00	40.17 1.85 0.00	36.56 1.56 0.00	35.13 1.51 0.00	33.25 1.42 0.00	45.62 2.36 0.00	82.18 3.67 0.00	65.53 3.12 0.00	65.51 2.71 0.00	53.64 2.18 0.00	57.38 1.92 -9.34	40.28 1.67 0.00	45.42 2.03 0.00	48.32 2.41 0.00	52.04 2.55 0.00	55.77 2.56 -0.11	58.15 2.85 -4.18	79.02 4.02 -1.93	57.08 2.87 0.00	70.46 3.43 -0.52	52.70 2.79 -0.17	61.27 3.17 0.00	38.36 1.98 -0.11	37.83 1.72 0.00
GLENWOOD_IC_3_G1 23689	37.94 1.87 0.00	40.17 1.85 0.00	36.56 1.56 0.00	35.13 1.51 0.00	33.25 1.42 0.00	45.62 2.36 0.00	82.18 3.67 0.00	65.53 3.12 0.00	65.51 2.71 0.00	53.64 2.18 0.00	57.38 1.92 -9.34	40.28 1.67 0.00	45.42 2.03 0.00	48.32 2.41 0.00	52.04 2.55 0.00	55.77 2.56 -0.11	58.15 2.85 -4.18	79.02 4.02 -1.93	57.08 2.87 0.00	70.46 3.43 -0.52	52.70 2.79 -0.17	61.27 3.17 0.00	38.36 1.98 -0.11	37.83 1.72 0.00
GLENWOOD____4 23550	38.09 2.03 0.00	40.32 2.00 0.00	36.68 1.68 0.00	35.24 1.62 0.00	33.36 1.52 0.00	45.77 2.52 0.00	82.41 3.90 0.00	65.80 3.40 0.00	65.78 2.98 0.00	53.84 2.38 0.00	57.58 2.12 -9.34	40.41 1.79 0.00	45.59 2.20 0.00	48.49 2.58 0.00	52.21 2.73 0.00	58.57 2.78 -2.69	152.35 3.11 -98.13	122.67 4.41 -45.19	57.35 3.14 0.00	82.59 3.81 -12.27	56.88 3.05 -4.09	61.54 3.45 0.00	41.05 2.13 -2.66	37.94 1.83 0.00
GLENWOOD____5 23614	38.09 2.03 0.00	40.32 2.00 0.00	36.68 1.68 0.00	35.24 1.62 0.00	33.36 1.52 0.00	45.77 2.52 0.00	82.41 3.90 0.00	65.80 3.40 0.00	65.78 2.98 0.00	53.84 2.38 0.00	57.58 2.12 -9.34	40.41 1.79 0.00	45.59 2.20 0.00	48.49 2.58 0.00	52.21 2.73 0.00	58.57 2.78 -2.69	152.35 3.11 -98.13	122.67 4.41 -45.19	57.35 3.14 0.00	82.59 3.81 -12.27	56.88 3.05 -4.09	61.54 3.45 0.00	41.05 2.13 -2.66	37.94 1.83 0.00
GLOBAL GREEN_PORT_GT1 23814	37.62 1.56 0.00	39.70 1.38 0.00	36.45 1.46 0.00	35.34 1.72 0.00	33.37 1.54 0.00	46.82 3.56 0.00	84.13 5.62 0.00	67.77 5.36 0.00	67.59 4.79 0.00	54.47 3.02 0.00	57.56 2.10 -9.34	39.70 1.08 0.00	45.20 1.81 0.00	48.61 2.70 0.00	52.42 2.93 0.00	57.60 2.96 -1.54	111.38 4.29 -55.97	103.77 4.93 -25.77	55.78 1.57 0.00	76.51 3.01 -7.00	54.39 2.32 -2.34	59.82 1.72 0.00	39.47 1.68 -1.52	37.18 1.07 0.00
GLOBE____DSASP 323697	32.11 -3.95 0.00	34.13 -4.19 0.00	30.99 -4.00 0.00	29.70 -3.91 0.00	28.22 -3.61 0.00	38.06 -5.19 0.00	67.83 -10.68 0.00	46.20 -8.87 7.34	54.08 -8.71 0.00	42.79 -7.39 1.28	39.57 -6.54 0.00	25.14 -4.79 8.68	37.02 -6.33 0.04	39.51 -6.40 0.00	41.11 -6.91 1.47	44.54 -8.09 0.46	40.29 -8.10 2.73	58.43 -11.42 3.22	44.42 -9.02 0.77	51.88 -10.96 3.67	40.09 -8.29 1.37	37.36 -8.66 12.08	31.16 -5.11 0.00	31.86 -4.25 0.00
GOETHSLN____LBMP 323567	37.85 1.78 0.00	40.08 1.76 0.00	36.48 1.49 0.00	35.06 1.44 0.00	33.22 1.39 0.00	45.54 2.29 0.00	82.15 3.64 0.00	65.35 2.95 0.00	65.33 2.53 0.00	53.49 2.03 0.00	57.36 1.82 -9.43	40.35 1.74 0.00	45.48 2.09 0.00	48.41 2.51 0.00	52.10 2.61 0.00	55.65 2.56 0.00	53.91 2.79 0.00	77.02 3.95 0.00	57.06 2.85 0.00	69.76 3.26 0.00	52.40 2.66 0.00	61.32 3.22 0.00	38.29 2.02 0.00	37.91 1.79 0.00
GOLAH____69_KV_TB 1_2 80279	34.83 -1.24 0.00	36.66 -1.66 0.00	33.35 -1.64 0.00	31.99 -1.63 0.00	30.37 -1.46 0.00	41.23 -2.03 0.00	74.32 -4.19 0.00	54.46 -3.65 4.30	59.73 -3.07 0.00	47.91 -2.79 0.75	43.74 -2.38 0.00	31.43 -2.04 5.15	41.04 -2.33 0.02	43.78 -2.13 0.00	46.37 -2.28 0.84	49.82 -3.01 0.26	46.50 -3.06 1.55	67.19 -4.05 1.84	50.54 -3.24 0.44	60.30 -4.12 2.09	45.82 -3.14 0.78	47.54 -3.68 6.88	34.26 -2.01 0.00	34.51 -1.60 0.00
GOODYEAR_LAKE_HYD 323669	36.82 0.75 0.00	39.13 0.81 0.00	35.74 0.75 0.00	34.32 0.70 0.00	32.48 0.64 0.00	44.32 1.07 0.00	80.98 2.48 0.00	68.76 6.35 0.00	68.74 5.94 0.00	52.64 1.19 0.00	46.74 0.63 0.00	39.13 0.51 0.00	44.00 0.61 0.00	46.83 0.92 0.00	50.47 0.98 0.00	54.03 0.94 0.00	52.02 0.91 0.00	74.33 1.26 0.00	55.13 0.91 0.00	67.53 1.02 0.00	50.49 0.75 0.00	59.11 1.01 0.00	36.90 0.63 0.00	36.68 0.57 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.84 -0.22 0.00	38.05 -0.27 0.00	34.70 -0.29 0.00	33.36 -0.26 0.00	31.59 -0.24 0.00	43.10 -0.15 0.00	78.06 -0.45 0.00	59.45 -0.66 2.30	62.20 -0.60 0.00	50.27 -0.87 0.32	45.30 -0.82 0.00	33.21 -0.78 4.62	42.61 -0.76 0.01	45.42 -0.49 0.00	48.43 -0.63 0.42	52.10 -0.86 0.13	49.55 -0.78 0.78	71.07 -1.08 0.93	53.19 -0.80 0.22	64.28 -1.13 1.10	48.29 -0.80 0.65	51.37 -1.01 5.72	35.74 -0.53 0.00	35.66 -0.45 0.00

GOUDEY___7 23579	35.84 -0.22 0.00	38.05 -0.27 0.00	34.70 -0.29 0.00	33.36 -0.26 0.00	31.59 -0.24 0.00	43.10 -0.15 0.00	78.06 -0.45 0.00	59.45 -0.66 2.30	62.20 -0.60 0.00	50.27 -0.87 0.32	45.30 -0.82 0.00	33.21 -0.78 4.62	42.61 -0.76 0.01	45.42 -0.49 0.00	48.43 -0.63 0.42	52.10 -0.86 0.13	49.55 -0.78 0.78	71.07 -1.08 0.93	53.19 -0.80 0.22	64.28 -1.13 1.10	48.29 -0.80 0.65	51.37 -1.01 5.72	35.74 -0.53 0.00	35.66 -0.45 0.00
GOUDEY___8 23580	35.84 -0.22 0.00	38.05 -0.27 0.00	34.70 -0.29 0.00	33.36 -0.26 0.00	31.59 -0.24 0.00	43.10 -0.15 0.00	78.06 -0.45 0.00	59.45 -0.66 2.30	62.20 -0.60 0.00	50.27 -0.87 0.32	45.30 -0.82 0.00	33.21 -0.78 4.62	42.61 -0.76 0.01	45.42 -0.49 0.00	48.43 -0.63 0.42	52.10 -0.86 0.13	49.55 -0.78 0.78	71.07 -1.08 0.93	53.19 -0.80 0.22	64.28 -1.13 1.10	48.29 -0.80 0.65	51.37 -1.01 5.72	35.74 -0.53 0.00	35.66 -0.45 0.00
GOWANUS_GT1_1 24077	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.34 1.73 0.00	33.49 1.66 0.00	45.84 2.59 0.00	82.43 3.91 0.00	65.66 3.26 0.00	65.68 2.87 0.00	53.84 2.38 0.00	57.72 2.19 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.78 0.00	52.33 2.84 0.00	55.84 2.75 0.00	54.13 3.01 0.00	77.32 4.25 0.00	57.31 3.10 0.00	70.08 3.58 0.00	52.76 3.02 0.00	61.69 3.60 0.00	38.56 2.30 0.00	38.15 2.04 0.00
GOWANUS_GT1_2 24078	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.34 1.73 0.00	33.49 1.66 0.00	45.84 2.59 0.00	82.43 3.91 0.00	65.66 3.26 0.00	65.68 2.87 0.00	53.84 2.38 0.00	57.72 2.19 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.78 0.00	52.33 2.84 0.00	55.84 2.75 0.00	54.13 3.01 0.00	77.32 4.25 0.00	57.31 3.10 0.00	70.08 3.58 0.00	52.76 3.02 0.00	61.69 3.60 0.00	38.56 2.30 0.00	38.15 2.04 0.00
GOWANUS_GT1_3 24079	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.34 1.73 0.00	33.49 1.66 0.00	45.84 2.59 0.00	82.43 3.91 0.00	65.66 3.26 0.00	65.68 2.87 0.00	53.84 2.38 0.00	57.72 2.19 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.78 0.00	52.33 2.84 0.00	55.84 2.75 0.00	54.13 3.01 0.00	77.32 4.25 0.00	57.31 3.10 0.00	70.08 3.58 0.00	52.76 3.02 0.00	61.69 3.60 0.00	38.56 2.30 0.00	38.15 2.04 0.00
GOWANUS_GT1_4 24080	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.34 1.73 0.00	33.49 1.66 0.00	45.84 2.59 0.00	82.43 3.91 0.00	65.66 3.26 0.00	65.68 2.87 0.00	53.84 2.38 0.00	57.72 2.19 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.78 0.00	52.33 2.84 0.00	55.84 2.75 0.00	54.13 3.01 0.00	77.32 4.25 0.00	57.31 3.10 0.00	70.08 3.58 0.00	52.76 3.02 0.00	61.69 3.60 0.00	38.56 2.30 0.00	38.15 2.04 0.00
GOWANUS_GT1_5 24084	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.34 1.73 0.00	33.49 1.66 0.00	45.84 2.59 0.00	82.43 3.91 0.00	65.66 3.26 0.00	65.68 2.87 0.00	53.84 2.38 0.00	57.72 2.19 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.78 0.00	52.33 2.84 0.00	55.84 2.75 0.00	54.13 3.01 0.00	77.32 4.25 0.00	57.31 3.10 0.00	70.08 3.58 0.00	52.76 3.02 0.00	61.69 3.60 0.00	38.56 2.30 0.00	38.15 2.04 0.00
GOWANUS_GT1_6 24111	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.34 1.73 0.00	33.49 1.66 0.00	45.84 2.59 0.00	82.43 3.91 0.00	65.66 3.26 0.00	65.68 2.87 0.00	53.84 2.38 0.00	57.72 2.19 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.78 0.00	52.33 2.84 0.00	55.84 2.75 0.00	54.13 3.01 0.00	77.32 4.25 0.00	57.31 3.10 0.00	70.08 3.58 0.00	52.76 3.02 0.00	61.69 3.60 0.00	38.56 2.30 0.00	38.15 2.04 0.00
GOWANUS_GT1_7 24112	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.34 1.73 0.00	33.49 1.66 0.00	45.84 2.59 0.00	82.43 3.91 0.00	65.66 3.26 0.00	65.68 2.87 0.00	53.84 2.38 0.00	57.72 2.19 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.78 0.00	52.33 2.84 0.00	55.84 2.75 0.00	54.13 3.01 0.00	77.32 4.25 0.00	57.31 3.10 0.00	70.08 3.58 0.00	52.76 3.02 0.00	61.69 3.60 0.00	38.56 2.30 0.00	38.15 2.04 0.00
GOWANUS_GT1_8 24113	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.34 1.73 0.00	33.49 1.66 0.00	45.84 2.59 0.00	82.43 3.91 0.00	65.66 3.26 0.00	65.68 2.87 0.00	53.84 2.38 0.00	57.72 2.19 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.78 0.00	52.33 2.84 0.00	55.84 2.75 0.00	54.13 3.01 0.00	77.32 4.25 0.00	57.31 3.10 0.00	70.08 3.58 0.00	52.76 3.02 0.00	61.69 3.60 0.00	38.56 2.30 0.00	38.15 2.04 0.00
GOWANUS_GT2_1 24114	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
GOWANUS_GT2_2 24115	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
GOWANUS_GT2_3 24116	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
GOWANUS_GT2_4 24117	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
GOWANUS_GT2_5 24118	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00

GOWANUS_GT2_6 24119	38.14 <u>2.08</u> 0.00	40.41 <u>2.09</u> 0.00	36.78 <u>1.79</u> 0.00	35.35 <u>1.73</u> 0.00	33.49 <u>1.66</u> 0.00	45.84 <u>2.58</u> 0.00	82.43 <u>3.92</u> 0.00	65.67 <u>3.27</u> 0.00	65.67 <u>2.87</u> 0.00	53.85 <u>2.40</u> 0.00	57.71 <u>2.18</u> -9.41	40.63 <u>2.01</u> 0.00	45.78 <u>2.39</u> 0.00	48.69 <u>2.79</u> 0.00	52.34 <u>2.85</u> 0.00	55.83 <u>2.74</u> 0.00	54.13 <u>3.02</u> 0.00	77.33 <u>4.26</u> 0.00	57.31 <u>3.10</u> 0.00	70.07 <u>3.56</u> 0.00	52.77 <u>3.03</u> 0.00	61.71 <u>3.62</u> 0.00	38.57 <u>2.30</u> 0.00	38.15 <u>2.04</u> 0.00
GOWANUS_GT2_7 24120	38.14 <u>2.08</u> 0.00	40.41 <u>2.09</u> 0.00	36.78 <u>1.79</u> 0.00	35.35 <u>1.73</u> 0.00	33.49 <u>1.66</u> 0.00	45.84 <u>2.58</u> 0.00	82.43 <u>3.92</u> 0.00	65.67 <u>3.27</u> 0.00	65.67 <u>2.87</u> 0.00	53.85 <u>2.40</u> 0.00	57.71 <u>2.18</u> -9.41	40.63 <u>2.01</u> 0.00	45.78 <u>2.39</u> 0.00	48.69 <u>2.79</u> 0.00	52.34 <u>2.85</u> 0.00	55.83 <u>2.74</u> 0.00	54.13 <u>3.02</u> 0.00	77.33 <u>4.26</u> 0.00	57.31 <u>3.10</u> 0.00	70.07 <u>3.56</u> 0.00	52.77 <u>3.03</u> 0.00	61.71 <u>3.62</u> 0.00	38.57 <u>2.30</u> 0.00	38.15 <u>2.04</u> 0.00
GOWANUS_GT2_8 24121	38.14 <u>2.08</u> 0.00	40.41 <u>2.09</u> 0.00	36.78 <u>1.79</u> 0.00	35.35 <u>1.73</u> 0.00	33.49 <u>1.66</u> 0.00	45.84 <u>2.58</u> 0.00	82.43 <u>3.92</u> 0.00	65.67 <u>3.27</u> 0.00	65.67 <u>2.87</u> 0.00	53.85 <u>2.40</u> 0.00	57.71 <u>2.18</u> -9.41	40.63 <u>2.01</u> 0.00	45.78 <u>2.39</u> 0.00	48.69 <u>2.79</u> 0.00	52.34 <u>2.85</u> 0.00	55.83 <u>2.74</u> 0.00	54.13 <u>3.02</u> 0.00	77.33 <u>4.26</u> 0.00	57.31 <u>3.10</u> 0.00	70.07 <u>3.56</u> 0.00	52.77 <u>3.03</u> 0.00	61.71 <u>3.62</u> 0.00	38.57 <u>2.30</u> 0.00	38.15 <u>2.04</u> 0.00
GOWANUS_GT3_1 24122	38.14 <u>2.08</u> 0.00	40.41 <u>2.09</u> 0.00	36.78 <u>1.79</u> 0.00	35.35 <u>1.73</u> 0.00	33.49 <u>1.66</u> 0.00	45.84 <u>2.58</u> 0.00	82.43 <u>3.92</u> 0.00	65.67 <u>3.27</u> 0.00	65.67 <u>2.87</u> 0.00	53.85 <u>2.40</u> 0.00	57.71 <u>2.18</u> -9.41	40.63 <u>2.01</u> 0.00	45.78 <u>2.39</u> 0.00	48.69 <u>2.79</u> 0.00	52.34 <u>2.85</u> 0.00	55.83 <u>2.74</u> 0.00	54.13 <u>3.02</u> 0.00	77.33 <u>4.26</u> 0.00	57.31 <u>3.10</u> 0.00	70.07 <u>3.56</u> 0.00	52.77 <u>3.03</u> 0.00	61.71 <u>3.62</u> 0.00	38.57 <u>2.30</u> 0.00	38.15 <u>2.04</u> 0.00
GOWANUS_GT3_2 24123	38.14 <u>2.08</u> 0.00	40.41 <u>2.09</u> 0.00	36.78 <u>1.79</u> 0.00	35.35 <u>1.73</u> 0.00	33.49 <u>1.66</u> 0.00	45.84 <u>2.58</u> 0.00	82.43 <u>3.92</u> 0.00	65.67 <u>3.27</u> 0.00	65.67 <u>2.87</u> 0.00	53.85 <u>2.40</u> 0.00	57.71 <u>2.18</u> -9.41	40.63 <u>2.01</u> 0.00	45.78 <u>2.39</u> 0.00	48.69 <u>2.79</u> 0.00	52.34 <u>2.85</u> 0.00	55.83 <u>2.74</u> 0.00	54.13 <u>3.02</u> 0.00	77.33 <u>4.26</u> 0.00	57.31 <u>3.10</u> 0.00	70.07 <u>3.56</u> 0.00	52.77 <u>3.03</u> 0.00	61.71 <u>3.62</u> 0.00	38.57 <u>2.30</u> 0.00	38.15 <u>2.04</u> 0.00
GOWANUS_GT3_3 24124	38.14 <u>2.08</u> 0.00	40.41 <u>2.09</u> 0.00	36.78 <u>1.79</u> 0.00	35.35 <u>1.73</u> 0.00	33.49 <u>1.66</u> 0.00	45.84 <u>2.58</u> 0.00	82.43 <u>3.92</u> 0.00	65.67 <u>3.27</u> 0.00	65.67 <u>2.87</u> 0.00	53.85 <u>2.40</u> 0.00	57.71 <u>2.18</u> -9.41	40.63 <u>2.01</u> 0.00	45.78 <u>2.39</u> 0.00	48.69 <u>2.79</u> 0.00	52.34 <u>2.85</u> 0.00	55.83 <u>2.74</u> 0.00	54.13 <u>3.02</u> 0.00	77.33 <u>4.26</u> 0.00	57.31 <u>3.10</u> 0.00	70.07 <u>3.56</u> 0.00	52.77 <u>3.03</u> 0.00	61.71 <u>3.62</u> 0.00	38.57 <u>2.30</u> 0.00	38.15 <u>2.04</u> 0.00
GOWANUS_GT3_4 24125	38.14 <u>2.08</u> 0.00	40.41 <u>2.09</u> 0.00	36.78 <u>1.79</u> 0.00	35.35 <u>1.73</u> 0.00	33.49 <u>1.66</u> 0.00	45.84 <u>2.58</u> 0.00	82.43 <u>3.92</u> 0.00	65.67 <u>3.27</u> 0.00	65.67 <u>2.87</u> 0.00	53.85 <u>2.40</u> 0.00	57.71 <u>2.18</u> -9.41	40.63 <u>2.01</u> 0.00	45.78 <u>2.39</u> 0.00	48.69 <u>2.79</u> 0.00	52.34 <u>2.85</u> 0.00	55.83 <u>2.74</u> 0.00	54.13 <u>3.02</u> 0.00	77.33 <u>4.26</u> 0.00	57.31 <u>3.10</u> 0.00	70.07 <u>3.56</u> 0.00	52.77 <u>3.03</u> 0.00	61.71 <u>3.62</u> 0.00	38.57 <u>2.30</u> 0.00	38.15 <u>2.04</u> 0.00
GOWANUS_GT3_5 24126	38.14 <u>2.08</u> 0.00	40.41 <u>2.09</u> 0.00	36.78 <u>1.79</u> 0.00	35.35 <u>1.73</u> 0.00	33.49 <u>1.66</u> 0.00	45.84 <u>2.58</u> 0.00	82.43 <u>3.92</u> 0.00	65.67 <u>3.27</u> 0.00	65.67 <u>2.87</u> 0.00	53.85 <u>2.40</u> 0.00	57.71 <u>2.18</u> -9.41	40.63 <u>2.01</u> 0.00	45.78 <u>2.39</u> 0.00	48.69 <u>2.79</u> 0.00	52.34 <u>2.85</u> 0.00	55.83 <u>2.74</u> 0.00	54.13 <u>3.02</u> 0.00	77.33 <u>4.26</u> 0.00	57.31 <u>3.10</u> 0.00	70.07 <u>3.56</u> 0.00	52.77 <u>3.03</u> 0.00	61.71 <u>3.62</u> 0.00	38.57 <u>2.30</u> 0.00	38.15 <u>2.04</u> 0.00
GOWANUS_GT3_6 24127	38.14 <u>2.08</u> 0.00	40.41 <u>2.09</u> 0.00	36.78 <u>1.79</u> 0.00	35.35 <u>1.73</u> 0.00	33.49 <u>1.66</u> 0.00	45.84 <u>2.58</u> 0.00	82.43 <u>3.92</u> 0.00	65.67 <u>3.27</u> 0.00	65.67 <u>2.87</u> 0.00	53.85 <u>2.40</u> 0.00	57.71 <u>2.18</u> -9.41	40.63 <u>2.01</u> 0.00	45.78 <u>2.39</u> 0.00	48.69 <u>2.79</u> 0.00	52.34 <u>2.85</u> 0.00	55.83 <u>2.74</u> 0.00	54.13 <u>3.02</u> 0.00	77.33 <u>4.26</u> 0.00	57.31 <u>3.10</u> 0.00	70.07 <u>3.56</u> 0.00	52.77 <u>3.03</u> 0.00	61.71 <u>3.62</u> 0.00	38.57 <u>2.30</u> 0.00	38.15 <u>2.04</u> 0.00
GOWANUS_GT3_7 24128	38.14 <u>2.08</u> 0.00	40.41 <u>2.09</u> 0.00	36.78 <u>1.79</u> 0.00	35.35 <u>1.73</u> 0.00	33.49 <u>1.66</u> 0.00	45.84 <u>2.58</u> 0.00	82.43 <u>3.92</u> 0.00	65.67 <u>3.27</u> 0.00	65.67 <u>2.87</u> 0.00	53.85 <u>2.40</u> 0.00	57.71 <u>2.18</u> -9.41	40.63 <u>2.01</u> 0.00	45.78 <u>2.39</u> 0.00	48.69 <u>2.79</u> 0.00	52.34 <u>2.85</u> 0.00	55.83 <u>2.74</u> 0.00	54.13 <u>3.02</u> 0.00	77.33 <u>4.26</u> 0.00	57.31 <u>3.10</u> 0.00	70.07 <u>3.56</u> 0.00	52.77 <u>3.03</u> 0.00	61.71 <u>3.62</u> 0.00	38.57 <u>2.30</u> 0.00	38.15 <u>2.04</u> 0.00
GOWANUS_GT3_8 24129	38.14 <u>2.08</u> 0.00	40.41 <u>2.09</u> 0.00	36.78 <u>1.79</u> 0.00	35.35 <u>1.73</u> 0.00	33.49 <u>1.66</u> 0.00	45.84 <u>2.58</u> 0.00	82.43 <u>3.92</u> 0.00	65.67 <u>3.27</u> 0.00	65.67 <u>2.87</u> 0.00	53.85 <u>2.40</u> 0.00	57.71 <u>2.18</u> -9.41	40.63 <u>2.01</u> 0.00	45.78 <u>2.39</u> 0.00	48.69 <u>2.79</u> 0.00	52.34 <u>2.85</u> 0.00	55.83 <u>2.74</u> 0.00	54.13 <u>3.02</u> 0.00	77.33 <u>4.26</u> 0.00	57.31 <u>3.10</u> 0.00	70.07 <u>3.56</u> 0.00	52.77 <u>3.03</u> 0.00	61.71 <u>3.62</u> 0.00	38.57 <u>2.30</u> 0.00	38.15 <u>2.04</u> 0.00
GOWANUS_GT4_1 24130	38.14 <u>2.08</u> 0.00	40.41 <u>2.09</u> 0.00	36.78 <u>1.79</u> 0.00	35.34 <u>1.73</u> 0.00	33.49 <u>1.66</u> 0.00	45.84 <u>2.59</u> 0.00	82.43 <u>3.91</u> 0.00	65.66 <u>3.26</u> 0.00	65.68 <u>2.87</u> 0.00	53.84 <u>2.38</u> 0.00	57.72 <u>2.19</u> -9.41	40.63 <u>2.01</u> 0.00	45.78 <u>2.39</u> 0.00	48.69 <u>2.78</u> 0.00	52.33 <u>2.84</u> 0.00	55.84 <u>2.75</u> 0.00	54.13 <u>3.01</u> 0.00	77.32 <u>4.25</u> 0.00	57.31 <u>3.10</u> 0.00	70.08 <u>3.58</u> 0.00	52.76 <u>3.02</u> 0.00	61.69 <u>3.60</u> 0.00	38.56 <u>2.30</u> 0.00	38.15 <u>2.04</u> 0.00
GOWANUS_GT4_2 24131	38.14 <u>2.08</u> 0.00	40.41 <u>2.09</u> 0.00	36.78 <u>1.79</u> 0.00	35.34 <u>1.73</u> 0.00	33.49 <u>1.66</u> 0.00	45.84 <u>2.59</u> 0.00	82.43 <u>3.91</u> 0.00	65.66 <u>3.26</u> 0.00	65.68 <u>2.87</u> 0.00	53.84 <u>2.38</u> 0.00	57.72 <u>2.19</u> -9.41	40.63 <u>2.01</u> 0.00	45.78 <u>2.39</u> 0.00	48.69 <u>2.78</u> 0.00	52.33 <u>2.84</u> 0.00	55.84 <u>2.75</u> 0.00	54.13 <u>3.01</u> 0.00	77.32 <u>4.25</u> 0.00	57.31 <u>3.10</u> 0.00	70.08 <u>3.58</u> 0.00	52.76 <u>3.02</u> 0.00	61.69 <u>3.60</u> 0.00	38.56 <u>2.30</u> 0.00	38.15 <u>2.04</u> 0.00
GOWANUS_GT4_3 24132	38.14 <u>2.08</u> 0.00	40.41 <u>2.09</u> 0.00	36.78 <u>1.79</u> 0.00	35.34 <u>1.73</u> 0.00	33.49 <u>1.66</u> 0.00	45.84 <u>2.59</u> 0.00	82.43 <u>3.91</u> 0.00	65.66 <u>3.26</u> 0.00	65.68 <u>2.87</u> 0.00	53.84 <u>2.38</u> 0.00	57.72 <u>2.19</u> -9.41	40.63 <u>2.01</u> 0.00	45.78 <u>2.39</u> 0.00	48.69 <u>2.78</u> 0.00	52.33 <u>2.84</u> 0.00	55.84 <u>2.75</u> 0.00	54.13 <u>3.01</u> 0.00	77.32 <u>4.25</u> 0.00	57.31 <u>3.10</u> 0.00	70.08 <u>3.58</u> 0.00	52.76 <u>3.02</u> 0.00	61.69 <u>3.60</u> 0.00	38.56 <u>2.30</u> 0.00	38.15 <u>2.04</u> 0.00
GOWANUS_GT4_4 24133	38.14 <u>2.08</u> 0.00	40.41 <u>2.09</u> 0.00	36.78 <u>1.79</u> 0.00	35.34 <u>1.73</u> 0.00	33.49 <u>1.66</u> 0.00	45.84 <u>2.59</u> 0.00	82.43 <u>3.91</u> 0.00	65.66 <u>3.26</u> 0.00	65.68 <u>2.87</u> 0.00	53.84 <u>2.38</u> 0.00	57.72 <u>2.19</u> -9.41	40.63 <u>2.01</u> 0.00	45.78 <u>2.39</u> 0.00	48.69 <u>2.78</u> 0.00	52.33 <u>2.84</u> 0.00	55.84 <u>2.75</u> 0.00	54.13 <u>3.01</u> 0.00	77.32 <u>4.25</u> 0.00	57.31 <u>3.10</u> 0.00	70.08 <u>3.58</u> 0.00	52.76 <u>3.02</u> 0.00	61.69 <u>3.60</u> 0.00	38.56 <u>2.30</u> 0.00	38.15 <u>2.04</u> 0.00

GOWANUS_GT4_5 24134	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.34 1.73 0.00	33.49 1.66 0.00	45.84 2.59 0.00	82.43 3.91 0.00	65.66 3.26 0.00	65.68 2.87 0.00	53.84 2.38 0.00	57.72 2.19 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.78 0.00	52.33 2.84 0.00	55.84 2.75 0.00	54.13 3.01 0.00	77.32 4.25 0.00	57.31 3.10 0.00	70.08 3.58 0.00	52.76 3.02 0.00	61.69 3.60 0.00	38.56 2.30 0.00	38.15 2.04 0.00
GOWANUS_GT4_6 24135	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.34 1.73 0.00	33.49 1.66 0.00	45.84 2.59 0.00	82.43 3.91 0.00	65.66 3.26 0.00	65.68 2.87 0.00	53.84 2.38 0.00	57.72 2.19 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.78 0.00	52.33 2.84 0.00	55.84 2.75 0.00	54.13 3.01 0.00	77.32 4.25 0.00	57.31 3.10 0.00	70.08 3.58 0.00	52.76 3.02 0.00	61.69 3.60 0.00	38.56 2.30 0.00	38.15 2.04 0.00
GOWANUS_GT4_7 24136	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.34 1.73 0.00	33.49 1.66 0.00	45.84 2.59 0.00	82.43 3.91 0.00	65.66 3.26 0.00	65.68 2.87 0.00	53.84 2.38 0.00	57.72 2.19 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.78 0.00	52.33 2.84 0.00	55.84 2.75 0.00	54.13 3.01 0.00	77.32 4.25 0.00	57.31 3.10 0.00	70.08 3.58 0.00	52.76 3.02 0.00	61.69 3.60 0.00	38.56 2.30 0.00	38.15 2.04 0.00
GOWANUS_GT4_8 24137	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.34 1.73 0.00	33.49 1.66 0.00	45.84 2.59 0.00	82.43 3.91 0.00	65.66 3.26 0.00	65.68 2.87 0.00	53.84 2.38 0.00	57.72 2.19 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.78 0.00	52.33 2.84 0.00	55.84 2.75 0.00	54.13 3.01 0.00	77.32 4.25 0.00	57.31 3.10 0.00	70.08 3.58 0.00	52.76 3.02 0.00	61.69 3.60 0.00	38.56 2.30 0.00	38.15 2.04 0.00
GREATVR_69_KV_BK1 356245	38.40 2.34 0.00	40.60 2.29 0.00	36.85 1.85 0.00	35.49 1.88 0.00	33.58 1.75 0.00	46.29 3.04 0.00	83.23 4.72 0.00	66.73 4.33 0.00	66.71 3.91 0.00	54.37 2.91 0.00	57.89 2.43 -9.34	40.47 1.86 0.00	45.70 2.32 0.00	48.74 2.83 0.00	52.47 2.97 0.00	57.87 3.17 -1.61	113.66 3.99 -58.55	105.78 5.74 -26.96	57.92 3.70 0.00	78.85 5.02 -7.32	56.11 3.92 -2.44	62.03 3.93 0.00	40.46 2.60 -1.59	38.21 2.10 0.00
GREENBSH_115KV_TB3 55895	36.37 0.31 0.00	38.73 0.41 0.00	35.44 0.45 0.00	34.07 0.45 0.00	32.30 0.46 0.00	43.93 0.68 0.00	79.30 0.79 0.00	62.96 0.56 0.00	63.29 0.50 0.00	52.04 0.59 0.00	46.69 0.57 0.00	39.13 0.52 0.00	43.88 0.49 0.00	46.37 0.46 0.00	50.28 0.79 0.00	53.85 0.76 0.00	51.93 0.81 0.00	73.83 0.76 0.00	55.05 0.84 0.00	67.40 0.90 0.00	50.60 0.86 0.00	59.01 0.91 0.00	36.80 0.53 0.00	36.65 0.54 0.00
GREENDGE_115KV_TB5 80291	35.14 -0.92 0.00	37.16 -1.16 0.00	33.78 -1.22 0.00	32.53 -1.08 0.00	30.86 -0.96 0.00	42.20 -1.05 0.00	75.46 -3.05 0.00	29.19 -3.16 30.06	59.72 -3.07 0.01	43.00 -3.08 5.38	43.37 -2.75 0.00	-5.98 -2.73 41.87	40.39 -2.82 0.17	43.63 -2.29 0.00	40.04 -2.78 6.67	47.46 -3.56 2.07	35.44 -3.32 12.35	53.76 -4.72 14.59	47.16 -3.58 3.48	45.16 -4.73 16.61	40.08 -3.59 6.08	0.32 -4.04 53.73	34.11 -2.16 0.00	34.26 -1.85 0.00
GREENIDGE___3 23582	35.14 -0.92 0.00	37.16 -1.16 0.00	33.78 -1.22 0.00	32.53 -1.08 0.00	30.86 -0.96 0.00	42.20 -1.05 0.00	75.46 -3.05 0.00	29.19 -3.16 30.06	59.72 -3.07 0.01	43.00 -3.08 5.38	43.37 -2.75 0.00	-5.98 -2.73 41.87	40.39 -2.82 0.17	43.63 -2.29 0.00	40.04 -2.78 6.67	47.46 -3.56 2.07	35.44 -3.32 12.35	53.76 -4.72 14.59	47.16 -3.58 3.48	45.16 -4.73 16.61	40.08 -3.59 6.08	0.32 -4.04 53.73	34.11 -2.16 0.00	34.26 -1.85 0.00
GREENIDGE___4 23583	35.14 -0.92 0.00	37.16 -1.16 0.00	33.78 -1.22 0.00	32.53 -1.08 0.00	30.87 -0.96 0.00	42.21 -1.04 0.00	75.44 -3.07 0.00	29.15 -3.19 30.06	59.71 -3.08 0.01	42.97 -3.11 5.38	43.38 -2.74 0.00	-6.07 -2.81 41.87	40.39 -2.82 0.17	43.63 -2.29 0.00	40.06 -2.76 6.67	47.46 -3.56 2.07	35.41 -3.36 12.35	53.74 -4.75 14.59	47.13 -3.60 3.48	45.13 -4.76 16.61	40.05 -3.61 6.08	0.23 -4.13 53.73	34.10 -2.16 0.00	34.27 -1.85 0.00
GREENLWN_69_KV_BK 3 55738	37.86 1.80 0.00	40.02 1.70 0.00	36.35 1.36 0.00	34.86 1.25 0.00	32.88 1.05 0.00	45.17 1.92 0.00	81.19 2.68 0.00	65.03 2.63 0.00	64.97 2.17 0.00	53.09 1.64 0.00	56.93 1.47 -9.34	39.86 1.24 0.00	44.84 1.46 0.00	47.78 1.87 0.00	51.41 1.92 0.00	56.71 2.03 -1.59	111.65 2.58 -57.96	103.44 3.68 -26.69	56.63 2.42 0.00	76.95 3.20 -7.25	54.95 2.79 -2.42	61.26 3.16 0.00	39.57 1.74 -1.57	37.53 1.42 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.34 1.73 0.00	33.49 1.66 0.00	45.84 2.59 0.00	82.43 3.91 0.00	65.66 3.26 0.00	65.68 2.87 0.00	53.84 2.38 0.00	57.72 2.19 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.78 0.00	52.33 2.84 0.00	55.84 2.75 0.00	54.13 3.01 0.00	77.32 4.25 0.00	57.31 3.10 0.00	70.08 3.58 0.00	52.76 3.02 0.00	61.69 3.60 0.00	38.56 2.30 0.00	38.15 2.04 0.00
GRISSOM___SOLAR 323813	37.06 1.00 0.00	39.39 1.07 0.00	35.96 0.96 0.00	34.51 0.90 0.00	32.74 0.91 0.00	44.65 1.40 0.00	81.34 2.83 0.00	65.59 3.19 0.00	65.71 2.91 0.00	53.05 1.60 0.00	47.02 0.90 0.00	39.59 0.98 0.00	44.31 0.93 0.00	47.38 1.47 0.00	51.27 1.78 0.00	54.94 1.84 0.00	52.90 1.78 0.00	75.51 2.44 0.00	56.01 1.80 0.00	68.64 2.14 0.00	51.21 1.47 0.00	59.61 1.51 0.00	37.20 0.93 0.00	36.96 0.85 0.00
GROVEVILLE___HYD 323602	37.90 1.84 0.00	40.19 1.87 0.00	36.62 1.63 0.00	35.18 1.57 0.00	33.33 1.50 0.00	45.66 2.41 0.00	82.52 4.01 0.00	65.65 3.24 0.00	65.72 2.92 0.00	53.81 2.35 0.00	48.08 1.97 0.00	40.30 1.68 0.00	45.38 2.00 0.00	48.32 2.41 0.00	52.14 2.65 0.00	55.78 2.69 0.00	53.96 2.85 0.00	77.08 4.01 0.00	57.17 2.96 0.00	69.95 3.45 0.00	52.46 2.72 0.00	61.26 3.17 0.00	38.20 1.94 0.00	37.86 1.74 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.43 -0.63 0.00	37.62 -0.70 0.00	34.33 -0.67 0.00	32.96 -0.65 0.00	31.24 -0.60 0.00	42.51 -0.75 0.00	77.10 -1.41 0.00	61.71 -1.21 -0.52	61.62 -1.18 0.00	50.31 -1.15 0.00	45.06 -1.06 0.00	39.50 -0.88 -1.76	42.49 -0.90 -0.01	45.06 -0.85 0.00	48.91 -0.93 -0.34	52.07 -1.13 -0.11	50.70 -1.05 -0.64	72.30 -1.53 -0.75	53.27 -1.13 -0.18	65.85 -1.50 -0.85	48.90 -1.09 -0.25	58.96 -1.35 -2.21	35.43 -0.84 0.00	35.33 -0.78 0.00
HAMLTNNY_34_KV_TB 80303	35.48 -0.58 0.00	37.64 -0.68 0.00	34.35 -0.64 0.00	32.95 -0.67 0.00	31.22 -0.61 0.00	42.51 -0.74 0.00	77.08 -1.43 0.00	61.16 -1.24 0.00	61.62 -1.17 0.00	50.27 -1.18 0.00	45.05 -1.07 0.00	38.29 -0.92 -0.60	42.44 -0.95 -0.01	45.02 -0.89 0.00	48.86 -0.98 -0.35	51.99 -1.21 -0.11	50.64 -1.12 -0.65	72.26 -1.57 -0.76	53.21 -1.18 -0.18	65.74 -1.58 -0.82	48.57 -1.18 0.00	56.63 -1.47 0.00	35.38 -0.88 0.00	35.33 -0.78 0.00

HAMPSHIRE___PAPER_HYD 323593	36.78 0.71 0.00	39.07 0.75 0.00	35.66 0.67 0.00	34.23 0.61 0.00	32.41 0.58 0.00	43.79 0.53 0.00	80.77 2.25 0.00	64.33 1.93 0.00	64.57 1.77 0.00	52.74 1.28 0.00	47.00 0.89 0.00	39.50 0.89 0.00	44.48 1.10 0.00	46.82 0.91 0.00	50.36 0.87 0.00	53.83 0.73 0.00	51.39 0.27 0.00	74.13 1.06 0.00	54.91 0.70 0.00	67.87 1.36 0.00	50.40 0.66 0.00	59.05 0.96 0.00	36.92 0.65 0.00	36.60 0.49 0.00
HARDSCRABBLE_WT_PWR 323673	37.34 1.28 0.00	39.78 1.46 0.00	36.40 1.40 0.00	35.05 1.44 0.00	33.24 1.41 0.00	45.44 2.19 0.00	82.40 3.89 0.00	65.38 2.98 0.00	65.33 2.53 0.00	53.06 1.61 0.00	47.26 1.14 0.00	39.62 1.01 0.00	44.50 1.11 0.00	47.69 1.78 0.00	51.94 2.45 0.00	55.72 2.62 0.00	53.47 2.36 0.00	75.91 2.83 0.00	56.49 2.28 0.00	69.18 2.67 0.00	51.46 1.72 0.00	59.81 1.72 0.00	37.29 1.02 0.00	37.11 1.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.71 1.64 0.00	39.97 1.65 0.00	36.41 1.41 0.00	34.98 1.36 0.00	33.13 1.30 0.00	45.42 2.17 0.00	82.14 3.63 0.00	65.29 2.89 0.00	65.28 2.48 0.00	53.40 1.95 0.00	37.78 1.60 9.94	40.01 1.40 0.00	45.12 1.73 0.00	48.06 2.15 0.00	51.82 2.33 0.00	55.44 2.35 0.00	53.64 2.52 0.00	76.71 3.64 0.00	56.85 2.64 0.00	69.58 3.07 0.00	52.14 2.40 0.00	60.92 2.83 0.00	37.98 1.71 0.00	37.65 1.54 0.00
HARSNRAD_115KV_TB1 81005	33.56 -2.51 0.00	35.19 -3.13 0.00	31.94 -3.05 0.00	30.62 -2.99 0.00	29.11 -2.72 0.00	39.26 -3.99 0.00	69.97 -8.54 0.00	47.90 -7.43 7.07	56.18 -6.62 0.00	44.54 -5.68 1.23	41.27 -4.85 0.00	26.32 -4.00 8.29	38.46 -4.88 0.04	41.23 -4.68 0.00	42.92 -5.16 1.42	46.26 -6.39 0.44	41.91 -6.58 2.62	60.96 -9.02 3.10	46.46 -7.01 0.74	54.29 -8.68 3.53	41.91 -6.52 1.32	39.13 -7.35 11.62	32.30 -3.97 0.00	32.91 -3.21 0.00
HARZA MOOSE___RIVER 24016	36.59 0.52 0.00	38.92 0.60 0.00	35.49 0.50 0.00	34.10 0.48 0.00	32.29 0.46 0.00	43.87 0.62 0.00	80.74 2.23 0.00	64.24 1.83 0.00	64.21 1.41 0.00	52.25 0.79 0.00	46.48 0.37 0.00	39.15 0.54 0.00	44.13 0.74 0.00	46.58 0.67 0.00	50.20 0.70 0.00	53.46 0.37 0.00	51.23 0.11 0.00	73.55 0.48 0.00	54.82 0.60 0.00	67.60 1.10 0.00	50.11 0.37 0.00	58.50 0.40 0.00	36.63 0.36 0.00	36.28 0.17 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.20 -0.87 0.00	37.35 -0.96 0.00	34.09 -0.90 0.00	32.75 -0.87 0.00	31.03 -0.81 0.00	42.23 -1.03 0.00	76.47 -2.04 0.00	60.70 -1.71 0.00	61.14 -1.66 0.00	49.95 -1.51 0.00	44.75 -1.37 0.00	37.48 -1.13 0.00	42.18 -1.20 0.00	44.74 -1.17 0.00	48.23 -1.26 0.00	51.59 -1.51 0.00	49.71 -1.41 0.00	71.02 -2.05 0.00	52.69 -1.52 0.00	64.54 -1.97 0.00	48.26 -1.48 0.00	56.33 -1.77 0.00	35.19 -1.07 0.00	35.07 -1.04 0.00
HELLGATE_13_KV_LD 55870	38.22 2.16 0.00	40.50 2.18 0.00	36.85 1.86 0.00	35.41 1.80 0.00	33.57 1.73 0.00	45.93 2.68 0.00	82.68 4.18 0.00	65.86 3.45 0.00	65.90 3.10 0.00	54.02 2.57 0.00	57.87 2.34 -9.41	40.76 2.14 0.00	45.91 2.53 0.00	48.84 2.93 0.00	52.51 3.02 0.00	56.02 2.93 0.00	54.30 3.18 0.00	77.55 4.48 0.00	57.47 3.25 0.00	70.27 3.76 0.00	52.84 3.10 0.00	61.75 3.65 0.00	38.58 2.32 0.00	38.18 2.07 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.22 2.16 0.00	40.50 2.18 0.00	36.85 1.86 0.00	35.41 1.80 0.00	33.57 1.73 0.00	45.93 2.68 0.00	82.68 4.18 0.00	65.86 3.45 0.00	65.90 3.10 0.00	54.02 2.57 0.00	57.87 2.34 -9.41	40.76 2.14 0.00	45.91 2.53 0.00	48.84 2.93 0.00	52.51 3.02 0.00	56.02 2.93 0.00	54.30 3.18 0.00	77.55 4.48 0.00	57.47 3.25 0.00	70.27 3.76 0.00	52.84 3.10 0.00	61.75 3.65 0.00	38.58 2.32 0.00	38.18 2.07 0.00
HEMPSTEAD___ 23647	37.94 1.88 0.00	40.15 1.83 0.00	36.50 1.51 0.00	35.09 1.47 0.00	33.18 1.35 0.00	45.60 2.34 0.00	81.88 3.38 0.00	65.55 3.15 0.00	65.46 2.66 0.00	53.57 2.12 0.00	57.34 1.88 -9.34	40.14 1.53 0.00	45.30 1.91 0.00	48.20 2.29 0.00	51.88 2.39 0.00	57.87 2.45 -2.33	138.93 2.87 -84.94	116.28 4.09 -39.11	57.08 2.87 0.00	80.78 3.65 -10.62	56.22 2.93 -3.54	61.31 3.21 0.00	40.56 2.00 -2.30	37.76 1.65 0.00
HICKLING___1 23621	34.48 -1.58 0.00	36.48 -1.84 0.00	33.12 -1.87 0.00	31.92 -1.69 0.00	30.29 -1.54 0.00	41.51 -1.74 0.00	74.82 -3.69 0.00	36.19 -4.02 22.19	59.15 -3.64 0.00	43.31 -4.10 4.05	42.52 -3.60 0.00	5.03 -3.51 30.08	39.63 -3.63 0.12	42.94 -2.97 0.00	41.14 -3.66 4.70	47.31 -4.33 1.46	38.18 -4.24 8.70	57.09 -5.71 10.27	47.53 -4.23 2.45	49.29 -5.51 11.71	41.18 -4.22 4.34	14.55 -5.22 38.33	33.45 -2.82 0.00	33.69 -2.42 0.00
HICKLING___2 23622	34.48 -1.58 0.00	36.48 -1.84 0.00	33.12 -1.87 0.00	31.92 -1.69 0.00	30.29 -1.54 0.00	41.51 -1.74 0.00	74.82 -3.69 0.00	36.19 -4.02 22.19	59.15 -3.64 0.00	43.31 -4.10 4.05	42.52 -3.60 0.00	5.03 -3.51 30.08	39.63 -3.63 0.12	42.94 -2.97 0.00	41.14 -3.66 4.70	47.31 -4.33 1.46	38.18 -4.24 8.70	57.09 -5.71 10.27	47.53 -4.23 2.45	49.29 -5.51 11.71	41.18 -4.22 4.34	14.55 -5.22 38.33	33.45 -2.82 0.00	33.69 -2.42 0.00
HIGH FALLS___HY 23754	37.96 1.89 0.00	40.22 1.91 0.00	36.64 1.64 0.00	35.20 1.58 0.00	33.34 1.51 0.00	45.70 2.45 0.00	82.70 4.19 0.00	65.81 3.41 0.00	65.89 3.09 0.00	53.82 2.36 0.00	47.93 1.81 0.00	39.96 1.34 0.00	45.10 1.71 0.00	48.09 2.19 0.00	51.67 2.18 0.00	55.43 2.33 0.00	53.65 2.53 0.00	76.79 3.72 0.00	56.88 2.67 0.00	69.62 3.11 0.00	52.19 2.45 0.00	60.94 2.85 0.00	38.12 1.86 0.00	37.76 1.64 0.00
HIGH_RIVER___SOLAR 323847	36.93 0.87 0.00	39.26 0.94 0.00	35.83 0.84 0.00	34.42 0.80 0.00	32.64 0.81 0.00	44.49 1.24 0.00	80.98 2.47 0.00	65.15 2.75 0.00	65.14 2.34 0.00	52.64 1.18 0.00	46.64 0.52 0.00	39.26 0.64 0.00	43.85 0.46 0.00	46.98 1.06 0.00	50.86 1.37 0.00	54.62 1.52 0.00	52.67 1.55 0.00	75.16 2.09 0.00	55.78 1.57 0.00	68.37 1.86 0.00	51.03 1.29 0.00	59.43 1.33 0.00	37.09 0.82 0.00	36.87 0.76 0.00
HILLBURN___GT 23639	37.62 1.56 0.00	39.87 1.55 0.00	36.31 1.31 0.00	34.88 1.27 0.00	33.04 1.21 0.00	45.32 2.07 0.00	81.96 3.45 0.00	65.16 2.76 0.00	65.01 2.21 0.00	53.20 1.74 0.00	37.50 1.46 10.08	39.90 1.28 0.00	45.00 1.62 0.00	47.92 2.01 0.00	51.65 2.16 0.00	55.25 2.16 0.00	53.47 2.36 0.00	76.49 3.41 0.00	56.68 2.47 0.00	69.34 2.83 0.00	51.99 2.25 0.00	60.76 2.66 0.00	37.89 1.63 0.00	37.57 1.46 0.00
HILLSIDE_115KV_TB1 80332	34.05 -2.01 0.00	36.08 -2.23 0.00	32.74 -2.26 0.00	31.56 -2.06 0.00	29.94 -1.89 0.00	41.09 -2.16 0.00	74.13 -4.38 20.96	36.81 -4.64 0.00	58.62 -4.17 0.00	42.94 -4.60 3.91	42.10 -4.02 0.00	6.64 -3.85 28.12	39.34 -3.93 0.11	42.63 -3.28 0.00	41.05 -4.05 4.39	46.99 -4.74 1.37	38.40 -4.59 8.13	57.23 -6.24 9.60	47.36 -4.56 2.29	49.54 -6.02 10.95	41.10 -4.57 4.07	16.44 -5.66 35.99	33.21 -3.05 0.00	33.44 -2.67 0.00

HISHELDN_WT_PWR 323625	33.75 -2.32 0.00	35.46 -2.86 0.00	32.20 -2.79 0.00	30.89 -2.72 0.00	29.32 -2.51 0.00	39.75 -3.50 0.00	71.06 -7.45 0.00	44.35 -6.81 11.24	56.28 -6.52 0.00	43.55 -5.94 1.97	40.82 -5.30 0.00	15.06 -4.72 18.84	37.91 -5.42 0.06	40.89 -5.02 0.00	41.66 -5.53 2.30	45.64 -6.74 0.71	40.03 -6.83 4.26	58.63 -9.41 5.03	45.83 -7.18 1.20	51.89 -8.87 5.74	41.01 -6.60 2.13	31.66 -7.59 18.85	31.95 -4.31 0.00	32.43 -3.68 0.00
HOLTSVILLE_IC_1 23690	37.89 1.82 0.00	40.12 1.80 0.00	36.42 1.43 0.00	35.14 1.52 0.00	33.22 1.39 0.00	45.79 2.53 0.00	82.18 3.68 0.00	65.92 3.51 0.00	65.89 3.09 0.00	53.63 2.17 0.00	57.18 1.72 -9.34	39.91 1.30 0.00	45.05 1.67 0.00	48.12 2.21 0.00	51.83 2.34 0.00	56.98 2.36 -1.53	110.19 3.26 -55.81	103.32 4.55 -25.70	56.79 2.58 0.00	77.25 3.77 -6.98	55.08 3.01 -2.33	60.99 2.90 0.00	39.91 2.14 -1.51	37.78 1.66 0.00
HOLTSVILLE_IC_10 23699	38.04 1.98 0.00	40.28 1.97 0.00	36.55 1.56 0.00	35.27 1.66 0.00	33.34 1.51 0.00	46.00 2.75 0.00	82.59 4.09 0.00	66.27 3.86 0.00	66.19 3.39 0.00	53.88 2.42 0.00	57.37 1.91 -9.34	40.04 1.43 0.00	45.19 1.81 0.00	48.32 2.41 0.00	52.03 2.54 0.00	57.24 2.60 -1.55	111.16 3.56 -56.49	104.09 5.01 -26.01	57.06 2.85 0.00	77.72 4.15 -7.06	55.37 3.27 -2.36	61.24 3.15 0.00	40.11 2.31 -1.53	37.95 1.84 0.00
HOLTSVILLE_IC_2 23691	37.89 1.82 0.00	40.12 1.80 0.00	36.42 1.43 0.00	35.14 1.52 0.00	33.22 1.39 0.00	45.79 2.53 0.00	82.18 3.68 0.00	65.92 3.51 0.00	65.89 3.09 0.00	53.63 2.17 0.00	57.18 1.72 -9.34	39.91 1.30 0.00	45.05 1.67 0.00	48.12 2.21 0.00	51.83 2.34 0.00	56.98 2.36 -1.53	110.19 3.26 -55.81	103.32 4.55 -25.70	56.79 2.58 0.00	77.25 3.77 -6.98	55.08 3.01 -2.33	60.99 2.90 0.00	39.91 2.14 -1.51	37.78 1.66 0.00
HOLTSVILLE_IC_3 23692	37.89 1.82 0.00	40.12 1.80 0.00	36.42 1.43 0.00	35.14 1.52 0.00	33.22 1.39 0.00	45.79 2.53 0.00	82.18 3.68 0.00	65.92 3.51 0.00	65.89 3.09 0.00	53.63 2.17 0.00	57.18 1.72 -9.34	39.91 1.30 0.00	45.05 1.67 0.00	48.12 2.21 0.00	51.83 2.34 0.00	56.98 2.36 -1.53	110.19 3.26 -55.81	103.32 4.55 -25.70	56.79 2.58 0.00	77.25 3.77 -6.98	55.08 3.01 -2.33	60.99 2.90 0.00	39.91 2.14 -1.51	37.78 1.66 0.00
HOLTSVILLE_IC_4 23693	37.89 1.82 0.00	40.12 1.80 0.00	36.42 1.43 0.00	35.14 1.52 0.00	33.22 1.39 0.00	45.79 2.53 0.00	82.18 3.68 0.00	65.92 3.51 0.00	65.89 3.09 0.00	53.63 2.17 0.00	57.18 1.72 -9.34	39.91 1.30 0.00	45.05 1.67 0.00	48.12 2.21 0.00	51.83 2.34 0.00	56.98 2.36 -1.53	110.19 3.26 -55.81	103.32 4.55 -25.70	56.79 2.58 0.00	77.25 3.77 -6.98	55.08 3.01 -2.33	60.99 2.90 0.00	39.91 2.14 -1.51	37.78 1.66 0.00
HOLTSVILLE_IC_5 23694	37.89 1.82 0.00	40.12 1.80 0.00	36.42 1.43 0.00	35.14 1.52 0.00	33.22 1.39 0.00	45.79 2.53 0.00	82.18 3.68 0.00	65.92 3.51 0.00	65.89 3.09 0.00	53.63 2.17 0.00	57.18 1.72 -9.34	39.91 1.30 0.00	45.05 1.67 0.00	48.12 2.21 0.00	51.83 2.34 0.00	56.98 2.36 -1.53	110.19 3.26 -55.81	103.32 4.55 -25.70	56.79 2.58 0.00	77.25 3.77 -6.98	55.08 3.01 -2.33	60.99 2.90 0.00	39.91 2.14 -1.51	37.78 1.66 0.00
HOLTSVILLE_IC_6 23695	38.04 1.98 0.00	40.28 1.97 0.00	36.55 1.56 0.00	35.27 1.66 0.00	33.34 1.51 0.00	46.00 2.75 0.00	82.59 4.09 0.00	66.27 3.86 0.00	66.19 3.39 0.00	53.88 2.42 0.00	57.37 1.91 -9.34	40.04 1.43 0.00	45.19 1.81 0.00	48.32 2.41 0.00	52.03 2.54 0.00	57.24 2.60 -1.55	111.16 3.56 -56.49	104.09 5.01 -26.01	57.06 2.85 0.00	77.72 4.15 -7.06	55.37 3.27 -2.36	61.24 3.15 0.00	40.11 2.31 -1.53	37.95 1.84 0.00
HOLTSVILLE_IC_7 23696	38.04 1.98 0.00	40.28 1.97 0.00	36.55 1.56 0.00	35.27 1.66 0.00	33.34 1.51 0.00	46.00 2.75 0.00	82.59 4.09 0.00	66.27 3.86 0.00	66.19 3.39 0.00	53.88 2.42 0.00	57.37 1.91 -9.34	40.04 1.43 0.00	45.19 1.81 0.00	48.32 2.41 0.00	52.03 2.54 0.00	57.24 2.60 -1.55	111.16 3.56 -56.49	104.09 5.01 -26.01	57.06 2.85 0.00	77.72 4.15 -7.06	55.37 3.27 -2.36	61.24 3.15 0.00	40.11 2.31 -1.53	37.95 1.84 0.00
HOLTSVILLE_IC_8 23697	38.04 1.98 0.00	40.28 1.97 0.00	36.55 1.56 0.00	35.27 1.66 0.00	33.34 1.51 0.00	46.00 2.75 0.00	82.59 4.09 0.00	66.27 3.86 0.00	66.19 3.39 0.00	53.88 2.42 0.00	57.37 1.91 -9.34	40.04 1.43 0.00	45.19 1.81 0.00	48.32 2.41 0.00	52.03 2.54 0.00	57.24 2.60 -1.55	111.16 3.56 -56.49	104.09 5.01 -26.01	57.06 2.85 0.00	77.72 4.15 -7.06	55.37 3.27 -2.36	61.24 3.15 0.00	40.11 2.31 -1.53	37.95 1.84 0.00
HOLTSVILLE_IC_9 23698	38.04 1.98 0.00	40.28 1.97 0.00	36.55 1.56 0.00	35.27 1.66 0.00	33.34 1.51 0.00	46.00 2.75 0.00	82.59 4.09 0.00	66.27 3.86 0.00	66.19 3.39 0.00	53.88 2.42 0.00	57.37 1.91 -9.34	40.04 1.43 0.00	45.19 1.81 0.00	48.32 2.41 0.00	52.03 2.54 0.00	57.24 2.60 -1.55	111.16 3.56 -56.49	104.09 5.01 -26.01	57.06 2.85 0.00	77.72 4.15 -7.06	55.37 3.27 -2.36	61.24 3.15 0.00	40.11 2.31 -1.53	37.95 1.84 0.00
HOMER_HL_115KV_TB2 355744	34.32 -1.75 0.00	36.14 -2.18 0.00	32.75 -2.25 0.00	31.45 -2.16 0.00	29.89 -1.94 0.00	40.76 -2.49 0.00	73.57 -4.94 0.00	48.07 -4.84 9.49	58.26 -4.53 0.00	45.01 -4.54 1.91	42.03 -4.08 0.00	21.16 -3.70 13.76	39.20 -4.13 0.06	42.24 -3.67 0.00	43.17 -4.09 2.23	47.63 -4.77 0.69	42.22 -4.77 4.12	61.96 -6.24 4.87	48.04 -5.01 1.16	54.71 -6.25 5.55	42.96 -4.72 2.07	34.43 -5.39 18.29	33.15 -3.12 0.00	33.50 -2.61 0.00
HOWARD_WT_PWR 323690	34.23 -1.83 0.00	36.07 -2.25 0.00	32.80 -2.19 0.00	31.58 -2.04 0.00	29.81 -2.02 0.00	40.70 -2.55 0.00	72.96 -5.56 0.00	35.54 -5.37 21.49	57.18 -5.61 0.00	41.89 -5.68 3.88	40.97 -5.14 0.00	3.52 -4.74 30.36	37.76 -5.50 0.12	40.81 -5.10 0.00	38.96 -5.80 4.74	44.85 -6.77 1.47	35.63 -6.71 8.78	53.58 -9.12 10.37	44.99 -6.75 2.47	46.48 -8.21 11.81	38.93 -6.47 4.34	12.11 -7.63 38.36	31.77 -4.50 0.00	32.09 -4.03 0.00
HQ_GEN_CEDARS 23644	37.12 1.06 0.00	39.43 1.11 0.00	35.97 0.98 0.00	34.55 0.94 0.00	32.71 0.88 0.00	44.26 1.01 0.00	80.95 2.44 0.00	64.38 1.98 0.00	65.10 2.30 0.00	53.48 2.03 0.00	47.98 1.86 0.00	40.09 1.47 0.00	44.99 1.61 0.00	47.48 1.57 0.00	51.05 1.56 0.00	54.91 1.81 0.00	52.61 1.50 0.00	75.74 2.67 0.00	55.93 1.72 0.00	68.79 2.28 0.00	51.35 1.61 0.00	60.07 1.97 0.00	37.47 1.20 0.00	37.34 1.22 0.00
HQ_GEN_CEDARS_PROXY 323590	37.12 1.06 0.00	39.43 1.11 0.00	35.97 0.98 0.00	34.55 0.94 0.00	32.71 0.88 0.00	42.74 1.01 1.53	85.14 2.44 -4.20	64.38 1.98 0.00	65.00 2.30 0.09	53.48 2.02 0.00	47.98 1.86 0.00	40.09 1.47 0.00	44.99 1.61 0.00	47.48 1.57 0.00	51.05 1.56 0.00	54.91 1.81 0.00	52.61 1.50 0.00	75.74 2.66 0.00	55.92 1.71 0.00	68.79 2.29 0.00	51.35 1.61 0.00	60.07 1.97 0.00	37.47 1.20 0.00	37.11 1.22 0.22

HQ_GEN_IMPORT 323601	36.38 0.32 0.00	38.65 0.34 0.00	35.28 0.29 0.00	33.90 0.28 0.00	32.09 0.26 0.00	38.54 0.21 4.92	79.22 0.72 0.00	63.32 0.64 -0.28	63.62 0.82 0.00	52.21 0.76 0.00	46.83 0.72 0.00	39.16 0.54 0.00	43.97 0.59 0.00	46.41 0.50 0.00	50.25 0.42 -0.34	53.74 0.65 0.00	51.63 0.51 0.00	74.05 0.98 0.00	54.82 0.61 0.00	67.37 0.86 0.00	50.29 0.55 0.00	58.81 0.71 0.00	36.67 0.41 0.00	37.39 0.42 -0.85
HQ_GEN_WHEEL 23651	36.38 0.32 0.00	38.65 0.34 0.00	35.28 0.29 0.00	33.90 0.28 0.00	32.09 0.26 0.00	38.54 0.21 4.92	79.22 0.72 0.00	63.32 0.64 -0.28	63.62 0.82 0.00	52.21 0.76 0.00	46.83 0.72 0.00	39.16 0.54 0.00	43.97 0.59 0.00	46.41 0.50 0.00	50.25 0.42 -0.34	53.74 0.65 0.00	51.63 0.51 0.00	74.05 0.98 0.00	54.82 0.61 0.00	67.37 0.86 0.00	50.29 0.55 0.00	58.81 0.71 0.00	36.67 0.41 0.00	37.39 0.42 -0.85
HUDSON AVE_GT_3 23810	38.03 1.97 0.00	40.29 1.97 0.00	36.66 1.67 0.00	35.22 1.61 0.00	33.38 1.55 0.00	45.76 2.51 0.00	82.47 3.97 0.00	65.66 3.26 0.00	65.69 2.89 0.00	53.80 2.35 0.00	57.64 2.10 -9.43	40.53 1.92 0.00	45.68 2.30 0.00	48.62 2.71 0.00	52.32 2.83 0.00	55.86 2.77 0.00	54.11 3.00 0.00	77.32 4.25 0.00	57.28 3.07 0.00	70.03 3.52 0.00	52.61 2.87 0.00	61.50 3.40 0.00	38.39 2.13 0.00	38.00 1.89 0.00
HUDSON AVE_GT_4 23540	38.03 1.97 0.00	40.29 1.97 0.00	36.66 1.67 0.00	35.22 1.61 0.00	33.38 1.55 0.00	45.76 2.51 0.00	82.47 3.97 0.00	65.66 3.26 0.00	65.69 2.89 0.00	53.80 2.35 0.00	57.64 2.10 -9.43	40.53 1.92 0.00	45.68 2.30 0.00	48.62 2.71 0.00	52.32 2.83 0.00	55.86 2.77 0.00	54.11 3.00 0.00	77.32 4.25 0.00	57.28 3.07 0.00	70.03 3.52 0.00	52.61 2.87 0.00	61.50 3.40 0.00	38.39 2.13 0.00	38.00 1.89 0.00
HUDSON AVE_GT_5 23657	38.03 1.97 0.00	40.29 1.97 0.00	36.66 1.67 0.00	35.22 1.61 0.00	33.38 1.55 0.00	45.76 2.51 0.00	82.47 3.97 0.00	65.66 3.26 0.00	65.69 2.89 0.00	53.80 2.35 0.00	57.64 2.10 -9.43	40.53 1.92 0.00	45.68 2.30 0.00	48.62 2.71 0.00	52.32 2.83 0.00	55.86 2.77 0.00	54.11 3.00 0.00	77.32 4.25 0.00	57.28 3.07 0.00	70.03 3.52 0.00	52.61 2.87 0.00	61.50 3.40 0.00	38.39 2.13 0.00	38.00 1.89 0.00
HUDSON_AVE_10 24168	37.90 1.84 0.00	40.13 1.82 0.00	36.53 1.54 0.00	35.10 1.48 0.00	33.27 1.44 0.00	45.59 2.34 0.00	82.23 3.72 0.00	65.49 3.08 0.00	65.52 2.72 0.00	53.67 2.22 0.00	57.53 1.98 -9.43	40.44 1.83 0.00	45.59 2.20 0.00	48.49 2.58 0.00	52.19 2.70 0.00	55.73 2.63 0.00	53.96 2.85 0.00	77.05 3.98 0.00	57.11 2.89 0.00	69.79 3.28 0.00	52.44 2.70 0.00	61.31 3.22 0.00	38.26 2.00 0.00	37.88 1.77 0.00
HUDSON___115KV_TB 4 355613	37.02 0.95 0.00	39.41 1.09 0.00	36.06 1.07 0.00	34.66 1.05 0.00	32.87 1.04 0.00	44.77 1.52 0.00	80.98 2.47 0.00	64.36 1.95 0.00	64.56 1.76 0.00	53.14 1.68 0.00	47.45 1.34 0.00	39.61 0.99 0.00	44.47 1.08 0.00	46.86 0.95 0.00	50.86 1.36 0.00	54.77 1.67 0.00	52.83 1.72 0.00	75.49 2.42 0.00	56.25 2.04 0.00	68.86 2.35 0.00	51.59 1.85 0.00	60.13 2.03 0.00	37.42 1.15 0.00	37.24 1.13 0.00
HUNTER MOUNT___DRP 323613	37.07 1.01 0.00	39.47 1.15 0.00	36.14 1.15 0.00	34.73 1.12 0.00	32.94 1.11 0.00	44.88 1.63 0.00	81.22 2.71 0.00	64.59 2.19 0.00	64.76 1.96 0.00	53.33 1.88 0.00	47.60 1.48 0.00	39.73 1.11 0.00	44.60 1.22 0.00	46.97 1.06 0.00	51.01 1.51 0.00	54.96 1.86 0.00	53.04 1.93 0.00	75.79 2.72 0.00	56.47 2.26 0.00	69.08 2.58 0.00	51.75 2.01 0.00	60.28 2.18 0.00	37.51 1.24 0.00	37.31 1.20 0.00
HUNTINGTON_RES_REC 323705	37.90 1.84 0.00	40.08 1.77 0.00	36.39 1.39 0.00	34.98 1.37 0.00	33.03 1.20 0.00	45.47 2.22 0.00	81.71 3.20 0.00	65.49 3.09 0.00	65.43 2.63 0.00	53.38 1.92 0.00	57.05 1.59 -9.34	39.86 1.25 0.00	44.90 1.52 0.00	47.92 2.01 0.00	51.56 2.07 0.00	56.83 2.18 -1.56	111.07 2.98 -56.98	103.53 4.22 -26.24	56.82 2.61 0.00	77.21 3.58 -7.12	55.12 3.01 -2.38	61.24 3.15 0.00	39.75 1.95 -1.54	37.67 1.56 0.00
HUNTLEY___63 23557	33.42 -2.64 0.00	35.23 -3.09 0.00	31.95 -3.04 0.00	30.64 -2.97 0.00	29.11 -2.72 0.00	39.33 -3.92 0.00	70.16 -8.35 0.00	47.61 -7.21 7.58	56.20 -6.59 0.00	44.45 -5.69 1.32	41.18 -4.94 0.00	25.80 -3.86 8.96	38.46 -4.88 0.04	41.21 -4.70 0.00	42.79 -5.18 1.52	46.30 -6.32 0.47	41.82 -6.48 2.82	60.82 -8.92 3.33	46.39 -7.03 0.79	54.06 -8.64 3.79	41.79 -6.54 1.41	38.45 -7.16 12.49	32.28 -3.98 0.00	32.88 -3.23 0.00
HUNTLEY___64 23558	33.42 -2.64 0.00	35.23 -3.09 0.00	31.95 -3.04 0.00	30.64 -2.97 0.00	29.11 -2.72 0.00	39.33 -3.92 0.00	70.16 -8.35 0.00	47.61 -7.21 7.58	56.20 -6.59 0.00	44.45 -5.69 1.32	41.18 -4.94 0.00	25.80 -3.86 8.96	38.46 -4.88 0.04	41.21 -4.70 0.00	42.79 -5.18 1.52	46.30 -6.32 0.47	41.82 -6.48 2.82	60.82 -8.92 3.33	46.39 -7.03 0.79	54.06 -8.64 3.79	41.79 -6.54 1.41	38.45 -7.16 12.49	32.28 -3.98 0.00	32.88 -3.23 0.00
HUNTLEY___65 23559	33.42 -2.64 0.00	35.23 -3.09 0.00	31.95 -3.04 0.00	30.64 -2.97 0.00	29.11 -2.72 0.00	39.33 -3.92 0.00	70.16 -8.35 0.00	47.61 -7.21 7.58	56.20 -6.59 0.00	44.45 -5.69 1.32	41.18 -4.94 0.00	25.80 -3.86 8.96	38.46 -4.88 0.04	41.21 -4.70 0.00	42.79 -5.18 1.52	46.30 -6.32 0.47	41.82 -6.48 2.82	60.82 -8.92 3.33	46.39 -7.03 0.79	54.06 -8.64 3.79	41.79 -6.54 1.41	38.45 -7.16 12.49	32.28 -3.98 0.00	32.88 -3.23 0.00
HUNTLEY___66 23560	33.42 -2.64 0.00	35.23 -3.09 0.00	31.95 -3.04 0.00	30.64 -2.97 0.00	29.11 -2.72 0.00	39.33 -3.92 0.00	70.16 -8.35 0.00	47.61 -7.21 7.58	56.20 -6.59 0.00	44.45 -5.69 1.32	41.18 -4.94 0.00	25.80 -3.86 8.96	38.46 -4.88 0.04	41.21 -4.70 0.00	42.79 -5.18 1.52	46.30 -6.32 0.47	41.82 -6.48 2.82	60.82 -8.92 3.33	46.39 -7.03 0.79	54.06 -8.64 3.79	41.79 -6.54 1.41	38.45 -7.16 12.49	32.28 -3.98 0.00	32.88 -3.23 0.00
HUNTLEY___67 23561	33.55 -2.51 0.00	35.24 -3.07 0.00	31.99 -3.00 0.00	30.66 -2.96 0.00	29.12 -2.71 0.00	39.36 -3.89 0.00	70.31 -8.19 0.00	47.59 -7.20 7.62	56.40 -6.40 0.00	44.53 -5.59 1.33	41.31 -4.81 0.00	25.52 -4.06 9.04	38.58 -4.76 0.04	41.33 -4.58 0.00	42.88 -5.08 1.53	46.38 -6.24 0.48	41.90 -6.38 2.83	61.00 -8.73 3.35	46.63 -6.79 0.80	54.27 -8.42 3.81	42.00 -6.32 1.42	38.36 -7.19 12.55	32.35 -3.92 0.00	32.88 -3.23 0.00
HUNTLEY___68 23562	33.55 -2.51 0.00	35.24 -3.07 0.00	31.99 -3.00 0.00	30.66 -2.96 0.00	29.12 -2.71 0.00	39.36 -3.89 0.00	70.31 -8.19 0.00	47.59 -7.20 7.62	56.40 -6.40 0.00	44.53 -5.59 1.33	41.31 -4.81 0.00	25.52 -4.06 9.04	38.58 -4.76 0.04	41.33 -4.58 0.00	42.88 -5.08 1.53	46.38 -6.24 0.48	41.90 -6.38 2.83	61.00 -8.73 3.35	46.63 -6.79 0.80	54.27 -8.42 3.81	42.00 -6.32 1.42	38.36 -7.19 12.55	32.35 -3.92 0.00	32.88 -3.23 0.00

HYLAND___LFGE 323620	35.98 -0.08 0.00	37.81 -0.51 0.00	34.39 -0.61 0.00	33.05 -0.57 0.00	31.36 -0.47 0.00	42.78 -0.47 0.00	77.32 -1.19 0.00	48.43 -1.42 12.56	61.41 -1.39 0.00	47.12 -2.12 2.22	43.78 -2.33 0.00	18.61 -2.53 17.47	40.47 -2.84 0.07	43.40 -2.50 0.00	44.64 -2.22 2.63	49.91 -2.37 0.82	44.01 -2.23 4.88	64.89 -2.42 5.76	50.85 -1.99 1.37	57.39 -2.55 6.56	45.32 -2.00 2.43	34.23 -2.42 21.45	34.97 -1.30 0.00	35.21 -0.90 0.00
INDECK___CORINTH 23802	36.79 0.72 0.00	39.21 0.89 0.00	35.95 0.96 0.00	34.52 0.90 0.00	32.86 1.03 0.00	44.68 1.43 0.00	80.99 2.48 0.00	64.36 1.96 0.00	64.51 1.71 0.00	53.15 1.69 0.00	47.71 1.59 0.00	39.89 1.27 0.00	44.74 1.35 0.00	47.22 1.30 0.00	51.36 1.87 0.00	54.98 1.89 0.00	53.04 1.92 0.00	75.17 2.10 0.00	56.29 2.08 0.00	68.83 2.33 0.00	51.68 1.93 0.00	59.99 1.89 0.00	37.42 1.15 0.00	37.19 1.08 0.00
INDECK___ILION 23567	36.79 0.73 0.00	39.14 0.82 0.00	35.80 0.81 0.00	34.43 0.82 0.00	32.63 0.79 0.00	44.50 1.25 0.00	80.70 2.19 0.00	64.08 1.67 0.00	64.20 1.40 0.00	52.37 0.91 0.00	46.78 0.66 0.00	39.23 0.61 0.00	44.05 0.67 0.00	46.94 1.03 0.00	50.87 1.38 0.00	54.54 1.44 0.00	52.46 1.35 0.00	74.69 1.62 0.00	55.56 1.34 0.00	68.05 1.54 0.00	50.81 1.07 0.00	59.18 1.08 0.00	36.93 0.66 0.00	36.73 0.62 0.00
INDECK___OLEAN 23982	34.32 -1.75 0.00	36.13 -2.19 0.00	32.75 -2.24 0.00	31.46 -2.16 0.00	29.90 -1.93 0.00	40.77 -2.48 0.00	73.57 -4.93 0.00	48.06 -4.86 9.49	58.27 -4.53 0.00	44.96 -4.58 1.91	42.04 -4.08 0.00	21.10 -3.76 13.76	39.20 -4.13 0.06	42.24 -3.67 0.00	43.16 -4.10 2.23	47.64 -4.77 0.69	42.21 -4.78 4.12	61.93 -6.27 4.87	48.03 -5.02 1.16	54.68 -6.28 5.55	42.95 -4.72 2.07	34.39 -5.42 18.29	33.14 -3.13 0.00	33.50 -2.61 0.00
INDECK___OSWEGO 23783	34.82 -1.24 0.00	36.95 -1.37 0.00	33.72 -1.27 0.00	32.41 -1.21 0.00	30.70 -1.13 0.00	41.73 -1.53 0.00	75.73 -2.78 0.00	60.20 -2.21 0.00	60.54 -2.26 0.00	49.50 -1.96 0.00	44.31 -1.81 0.00	37.15 -1.46 0.00	41.80 -1.59 0.00	44.25 -1.66 0.00	47.70 -1.79 0.00	51.02 -2.07 0.00	49.15 -1.96 0.00	70.25 -2.82 0.00	52.17 -2.04 0.00	63.98 -2.53 0.00	47.81 -1.93 0.00	55.81 -2.29 0.00	34.89 -1.38 0.00	34.73 -1.39 0.00
INDECK___YERKES 23781	33.46 -2.61 0.00	35.26 -3.06 0.00	31.98 -3.01 0.00	30.67 -2.95 0.00	29.14 -2.69 0.00	39.38 -3.88 0.00	70.22 -8.29 0.00	47.65 -7.17 7.58	56.25 -6.54 0.00	44.45 -5.69 1.32	41.23 -4.89 0.00	25.78 -3.87 8.96	38.50 -4.85 0.04	41.24 -4.67 0.00	42.84 -5.13 1.52	46.34 -6.28 0.47	41.85 -6.44 2.82	60.84 -8.90 3.33	46.46 -6.96 0.79	54.10 -8.60 3.79	41.83 -6.50 1.41	38.47 -7.13 12.49	32.30 -3.96 0.00	32.91 -3.20 0.00
INDIAN POINT_GT_1 24139	37.60 1.53 0.00	39.84 1.53 0.00	36.28 1.29 0.00	34.87 1.25 0.00	33.03 1.20 0.00	45.26 2.01 0.00	81.77 3.26 0.00	65.03 2.63 0.00	64.98 2.18 0.00	53.19 1.73 0.00	47.58 1.47 0.00	39.91 1.30 0.00	45.00 1.61 0.00	47.89 1.98 0.00	51.63 2.14 0.00	55.21 2.11 0.00	53.43 2.31 0.00	76.37 3.30 0.00	56.61 2.40 0.00	69.26 2.76 0.00	51.96 2.21 0.00	60.72 2.62 0.00	37.88 1.62 0.00	37.55 1.44 0.00
INDIAN POINT_GT_2 23659	37.60 1.53 0.00	39.84 1.53 0.00	36.28 1.29 0.00	34.87 1.25 0.00	33.03 1.20 0.00	45.26 2.01 0.00	81.77 3.26 0.00	65.03 2.63 0.00	64.98 2.18 0.00	53.19 1.73 0.00	47.58 1.47 0.00	39.91 1.30 0.00	45.00 1.61 0.00	47.89 1.98 0.00	51.63 2.14 0.00	55.21 2.11 0.00	53.43 2.31 0.00	76.37 3.30 0.00	56.61 2.40 0.00	69.26 2.76 0.00	51.96 2.21 0.00	60.72 2.62 0.00	37.88 1.62 0.00	37.55 1.44 0.00
INDIAN POINT_GT_3 24019	37.60 1.53 0.00	39.84 1.53 0.00	36.28 1.29 0.00	34.87 1.25 0.00	33.03 1.20 0.00	45.26 2.01 0.00	81.77 3.26 0.00	65.03 2.63 0.00	64.98 2.18 0.00	53.19 1.73 0.00	47.58 1.47 0.00	39.91 1.30 0.00	45.00 1.61 0.00	47.89 1.98 0.00	51.63 2.14 0.00	55.21 2.11 0.00	53.43 2.31 0.00	76.37 3.30 0.00	56.61 2.40 0.00	69.26 2.76 0.00	51.96 2.21 0.00	60.72 2.62 0.00	37.88 1.62 0.00	37.55 1.44 0.00
INDIAN POINT___2 23530	37.55 1.49 0.00	39.80 1.48 0.00	36.24 1.25 0.00	34.82 1.21 0.00	32.98 1.15 0.00	45.22 1.97 0.00	81.72 3.22 0.00	64.98 2.58 0.00	64.88 2.09 0.00	53.09 1.64 0.00	35.23 1.36 12.24	39.83 1.21 0.00	44.91 1.52 0.00	47.81 1.90 0.00	51.54 2.05 0.00	55.12 2.03 0.00	53.33 2.22 0.00	76.25 3.18 0.00	56.52 2.31 0.00	69.16 2.66 0.00	51.87 2.13 0.00	60.61 2.52 0.00	37.82 1.56 0.00	37.50 1.39 0.00
INDIAN POINT___3 23531	37.60 1.54 0.00	39.85 1.54 0.00	36.30 1.30 0.00	34.88 1.26 0.00	33.04 1.20 0.00	45.29 2.03 0.00	81.77 3.26 0.00	65.04 2.64 0.00	65.00 2.20 0.00	53.20 1.75 0.00	63.74 1.49 -16.13	39.94 1.33 0.00	45.02 1.64 0.00	47.92 2.01 0.00	51.65 2.16 0.00	55.22 2.13 0.00	53.43 2.32 0.00	76.37 3.30 0.00	56.61 2.40 0.00	69.26 2.76 0.00	51.98 2.24 0.00	60.73 2.63 0.00	37.89 1.63 0.00	37.56 1.45 0.00
INGHAM_C_115KV_TB7 356103	37.74 1.67 0.00	40.19 1.88 0.00	36.80 1.81 0.00	35.44 1.82 0.00	33.61 1.77 0.00	45.97 2.73 0.00	83.31 4.80 0.00	66.06 3.65 0.00	65.93 3.13 0.00	53.56 2.11 0.00	47.71 1.59 0.00	40.08 1.47 0.00	44.97 1.59 0.00	48.25 2.34 0.00	52.55 3.06 0.00	56.39 3.30 0.00	54.17 3.05 0.00	76.89 3.82 0.00	57.30 3.09 0.00	70.10 3.59 0.00	52.27 2.53 0.00	60.76 2.66 0.00	37.88 1.62 0.00	37.68 1.56 0.00
IP CORINTH___1 23988	36.98 0.92 0.00	39.42 1.10 0.00	36.13 1.14 0.00	34.70 1.08 0.00	33.03 1.20 0.00	44.91 1.66 0.00	81.43 2.92 0.00	64.69 2.29 0.00	64.86 2.06 0.00	53.43 1.97 0.00	47.94 1.82 0.00	40.09 1.48 0.00	44.95 1.57 0.00	47.46 1.54 0.00	51.63 2.14 0.00	55.27 2.17 0.00	53.32 2.20 0.00	75.55 2.48 0.00	56.59 2.38 0.00	69.19 2.69 0.00	51.96 2.21 0.00	60.30 2.21 0.00	37.60 1.34 0.00	37.38 1.27 0.00
IP___TICONDEROGA 23804	38.35 2.29 0.00	41.10 2.78 0.00	37.96 2.97 0.00	36.46 2.84 0.00	34.90 3.07 0.00	47.41 4.15 0.00	86.04 7.53 0.00	68.19 5.79 0.00	67.80 5.00 0.00	56.30 4.85 0.00	50.61 4.50 0.00	42.13 3.51 0.00	47.04 3.65 0.00	49.56 3.65 0.00	54.58 5.09 0.00	58.51 5.41 0.00	56.69 5.57 0.00	79.45 6.38 0.00	60.32 6.11 0.00	73.54 7.04 0.00	55.19 5.45 0.00	63.64 5.54 0.00	39.44 3.17 0.00	39.24 3.13 0.00
ISLIP_RES_REC 323679	38.20 2.13 0.00	40.45 2.14 0.00	36.70 1.70 0.00	35.42 1.80 0.00	33.49 1.66 0.00	46.23 2.98 0.00	83.02 4.51 0.00	66.60 4.20 0.00	66.54 3.74 0.00	54.17 2.71 0.00	57.61 2.15 -9.34	40.22 1.61 0.00	45.40 2.02 0.00	48.54 2.64 0.00	52.29 2.80 0.00	57.55 2.89 -1.56	111.91 3.87 -56.92	104.78 5.49 -26.21	57.38 3.17 0.00	78.16 4.54 -7.12	55.68 3.56 -2.37	61.53 3.43 0.00	40.30 2.50 -1.54	38.11 2.00 0.00

JAMAICA__27_KV_LOAD 355505	38.06 2.00 0.00	40.27 1.95 0.00	36.63 1.64 0.00	35.22 1.60 0.00	33.38 1.55 0.00	45.77 2.52 0.00	82.66 4.16 0.00	65.95 3.54 0.00	65.98 3.18 0.00	54.04 2.59 0.00	57.87 2.32 -9.43	40.71 2.10 0.00	45.92 2.53 0.00	48.85 2.94 0.00	52.56 3.06 0.00	56.14 3.05 0.00	54.28 3.16 0.00	77.45 4.37 0.00	57.41 3.20 0.00	70.16 3.65 0.00	52.74 3.00 0.00	61.67 3.57 0.00	38.50 2.24 0.00	38.08 1.97 0.00
JANIS__SOLAR 323808	36.72 0.66 0.00	39.02 0.70 0.00	35.64 0.64 0.00	34.23 0.61 0.00	32.47 0.63 0.00	44.35 1.10 0.00	80.85 2.34 0.00	79.29 1.55 -15.34	64.05 1.24 0.00	54.28 0.19 -2.64	46.08 -0.04 0.00	59.84 -0.28 -21.50	43.20 -0.29 -0.10	45.97 0.06 0.00	53.47 0.05 -3.94	54.49 0.17 -1.23	58.74 0.33 -7.29	82.22 0.53 -8.61	56.69 0.42 -2.06	76.53 0.27 -9.76	53.23 0.24 -3.25	87.03 0.24 -28.69	36.36 0.09 0.00	36.24 0.13 0.00
JARVIS____ 23743	36.11 0.04 0.00	38.39 0.08 0.00	35.06 0.07 0.00	33.68 0.07 0.00	31.90 0.07 0.00	43.40 0.15 0.00	78.73 0.22 0.00	62.56 0.15 0.00	62.85 0.05 0.00	51.46 0.01 0.00	46.09 -0.02 0.00	38.61 0.00 0.00	43.39 0.00 0.00	45.96 0.05 0.00	49.61 0.12 0.00	53.15 0.05 0.00	51.20 0.08 0.00	73.08 0.01 0.00	54.29 0.08 0.00	66.57 0.06 0.00	49.81 0.07 0.00	58.15 0.05 0.00	36.30 0.04 0.00	36.14 0.03 0.00
JENNISON____1 23625	36.43 0.37 0.00	38.95 0.63 0.00	35.64 0.65 0.00	34.27 0.65 0.00	32.52 0.69 0.00	44.46 1.21 0.00	80.90 2.40 0.00	67.33 1.22 -3.70	63.52 0.72 0.00	52.14 0.04 -0.64	45.69 -0.43 0.00	42.39 -0.63 -4.40	42.80 -0.61 -0.03	45.64 -0.27 0.00	50.26 -0.27 -1.03	53.16 -0.26 -0.32	52.82 -0.20 -1.91	74.93 -0.39 -2.25	54.47 -0.27 -0.54	68.26 -0.76 -2.52	50.52 0.09 -0.69	64.72 0.53 -6.08	36.54 0.28 0.00	36.38 0.27 0.00
JENNISON____2 23626	36.43 0.37 0.00	38.95 0.63 0.00	35.64 0.65 0.00	34.27 0.65 0.00	32.52 0.69 0.00	44.46 1.21 0.00	80.90 2.40 0.00	67.33 1.22 -3.70	63.52 0.72 0.00	52.14 0.04 -0.64	45.69 -0.43 0.00	42.39 -0.63 -4.40	42.80 -0.61 -0.03	45.64 -0.27 0.00	50.26 -0.27 -1.03	53.16 -0.26 -0.32	52.82 -0.20 -1.91	74.93 -0.39 -2.25	54.47 -0.27 -0.54	68.26 -0.76 -2.52	50.52 0.09 -0.69	64.72 0.53 -6.08	36.54 0.28 0.00	36.38 0.27 0.00
JERICOHO_RISE_WT_PWR 323719	36.40 0.34 0.00	38.66 0.34 0.00	35.34 0.34 0.00	33.95 0.33 0.00	32.14 0.30 0.00	43.45 0.19 0.00	79.37 0.86 0.00	63.11 0.71 0.00	63.95 1.15 0.00	52.67 1.22 0.00	47.48 1.36 0.00	39.65 1.04 0.00	44.44 1.05 0.00	46.88 0.97 0.00	50.38 0.89 0.00	54.20 1.11 0.00	51.74 0.62 0.00	74.93 1.85 0.00	55.51 1.30 0.00	68.29 1.78 0.00	50.89 1.15 0.00	59.30 1.20 0.00	36.81 0.55 0.00	36.56 0.45 0.00
KATONAH__115KV_46KV_TB4 355592	37.80 1.74 0.00	40.06 1.75 0.00	36.49 1.50 0.00	35.07 1.45 0.00	33.22 1.39 0.00	45.53 2.28 0.00	82.22 3.71 0.00	65.42 3.02 0.00	65.45 2.65 0.00	53.61 2.15 0.00	55.13 1.86 -7.15	40.24 1.63 0.00	45.33 1.94 0.00	48.22 2.31 0.00	51.99 2.50 0.00	55.57 2.48 0.00	53.79 2.68 0.00	76.89 3.82 0.00	57.01 2.80 0.00	69.72 3.22 0.00	52.32 2.58 0.00	61.12 3.02 0.00	38.11 1.84 0.00	37.76 1.65 0.00
KCE_NY_1 323755	37.21 1.15 0.00	39.66 1.34 0.00	36.28 1.29 0.00	34.83 1.21 0.00	33.11 1.28 0.00	45.06 1.81 0.00	81.62 3.11 0.00	64.77 2.37 0.00	64.97 2.17 0.00	53.35 1.90 0.00	47.82 1.70 0.00	40.09 1.47 0.00	44.99 1.61 0.00	47.57 1.66 0.00	51.68 2.19 0.00	55.29 2.19 0.00	53.39 2.27 0.00	75.83 2.76 0.00	56.62 2.41 0.00	69.34 2.83 0.00	52.01 2.27 0.00	60.49 2.39 0.00	37.71 1.44 0.00	37.50 1.39 0.00
KCE_NY_6_ESR 323823	33.93 -2.13 0.00	35.64 -2.68 0.00	32.33 -2.67 0.00	30.99 -2.63 0.00	29.44 -2.40 0.00	39.84 -3.42 0.00	71.23 -7.29 0.00	47.32 -6.54 8.55	57.02 -5.78 0.00	44.74 -5.22 1.49	41.64 -4.47 0.00	24.64 -3.85 10.12	38.87 -4.47 0.05	41.69 -4.22 0.00	43.12 -4.65 1.72	46.82 -5.75 0.53	42.01 -5.92 3.19	61.27 -8.04 3.76	47.02 -6.29 0.90	54.37 -7.84 4.29	42.26 -5.88 1.60	37.22 -6.74 14.14	32.58 -3.69 0.00	33.09 -3.02 0.00
KEDC_PORT_JEFF_GT2 24210	37.97 1.91 0.00	40.21 1.89 0.00	36.48 1.49 0.00	35.21 1.59 0.00	33.27 1.44 0.00	45.90 2.65 0.00	82.40 3.89 0.00	66.10 3.70 0.00	66.06 3.26 0.00	53.76 2.30 0.00	57.26 1.80 -9.34	39.98 1.36 0.00	45.10 1.72 0.00	48.23 2.32 0.00	51.93 2.43 0.00	57.11 2.48 -1.54	110.81 3.43 -56.27	103.82 4.84 -25.91	56.94 2.72 0.00	77.52 3.98 -7.04	55.25 3.16 -2.35	61.15 3.05 0.00	40.02 2.23 -1.53	37.87 1.76 0.00
KEDC_PORT_JEFF_GT3 24211	37.97 1.91 0.00	40.21 1.89 0.00	36.48 1.49 0.00	35.21 1.59 0.00	33.27 1.44 0.00	45.90 2.65 0.00	82.40 3.89 0.00	66.10 3.70 0.00	66.06 3.26 0.00	53.76 2.30 0.00	57.26 1.80 -9.34	39.98 1.36 0.00	45.10 1.72 0.00	48.23 2.32 0.00	51.93 2.43 0.00	57.11 2.48 -1.54	110.81 3.43 -56.27	103.82 4.84 -25.91	56.94 2.72 0.00	77.52 3.98 -7.04	55.25 3.16 -2.35	61.15 3.05 0.00	40.02 2.23 -1.53	37.87 1.76 0.00
KEDC_GLWD_GT4 24219	38.09 2.02 0.00	40.31 2.00 0.00	36.67 1.68 0.00	35.24 1.62 0.00	33.36 1.52 0.00	45.77 2.52 0.00	82.41 3.90 0.00	65.81 3.41 0.00	65.78 2.98 0.00	53.84 2.39 0.00	57.57 2.11 -9.34	40.41 1.80 0.00	45.59 2.20 0.00	48.49 2.58 0.00	52.21 2.72 0.00	58.57 2.78 -2.69	152.36 3.11 -98.13	122.67 4.41 -45.19	57.33 3.12 0.00	82.58 3.81 -12.27	56.88 3.05 -4.09	61.55 3.45 0.00	41.05 2.13 -2.66	37.94 1.83 0.00
KEDC_GLWD_GT5 24220	38.09 2.02 0.00	40.31 2.00 0.00	36.67 1.68 0.00	35.24 1.62 0.00	33.36 1.52 0.00	45.77 2.52 0.00	82.41 3.90 0.00	65.81 3.41 0.00	65.78 2.98 0.00	53.84 2.39 0.00	57.57 2.11 -9.34	40.41 1.80 0.00	45.59 2.20 0.00	48.49 2.58 0.00	52.21 2.72 0.00	58.57 2.78 -2.69	152.36 3.11 -98.13	122.67 4.41 -45.19	57.33 3.12 0.00	82.58 3.81 -12.27	56.88 3.05 -4.09	61.55 3.45 0.00	41.05 2.13 -2.66	37.94 1.83 0.00
KENSICO____ 23655	37.71 1.64 0.00	39.95 1.64 0.00	36.39 1.40 0.00	34.96 1.34 0.00	33.12 1.29 0.00	45.38 2.13 0.00	81.93 3.43 0.00	65.20 2.80 0.00	65.18 2.38 0.00	53.36 1.91 0.00	53.30 1.66 -5.52	40.09 1.47 0.00	45.19 1.80 0.00	48.07 2.17 0.00	51.81 2.32 0.00	55.39 2.30 0.00	53.61 2.49 0.00	76.60 3.53 0.00	56.79 2.58 0.00	69.46 2.96 0.00	52.14 2.40 0.00	60.92 2.82 0.00	38.02 1.75 0.00	37.67 1.56 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.86 1.79 0.00	40.14 1.82 0.00	36.57 1.58 0.00	35.14 1.52 0.00	33.28 1.45 0.00	45.61 2.36 0.00	82.55 4.03 0.00	65.66 3.26 0.00	65.75 2.95 0.00	53.73 2.27 0.00	47.84 1.73 0.00	39.90 1.29 0.00	45.01 1.62 0.00	47.96 2.05 0.00	51.49 2.00 0.00	55.24 2.15 0.00	53.47 2.35 0.00	76.52 3.45 0.00	56.71 2.50 0.00	69.41 2.91 0.00	52.02 2.28 0.00	60.74 2.64 0.00	38.05 1.79 0.00	37.70 1.59 0.00

KIAC_JFK_GT1 23816	37.95 1.88 0.00	40.15 1.84 0.00	36.53 1.54 0.00	35.13 1.51 0.00	33.29 1.46 0.00	45.63 2.38 0.00	82.42 3.90 0.00	65.71 3.31 0.00	65.75 2.96 0.00	53.88 2.42 0.00	57.73 2.18 -9.43	40.60 1.99 0.00	45.79 2.41 0.00	48.73 2.82 0.00	52.42 2.92 0.00	55.98 2.88 0.00	54.11 3.00 0.00	77.18 4.11 0.00	57.21 3.00 0.00	69.93 3.42 0.00	52.57 2.83 0.00	61.49 3.40 0.00	38.38 2.11 0.00	37.97 1.85 0.00
KIAC_JFK_GT2 23817	37.95 1.88 0.00	40.15 1.84 0.00	36.53 1.54 0.00	35.13 1.51 0.00	33.29 1.46 0.00	45.63 2.38 0.00	82.42 3.90 0.00	65.71 3.31 0.00	65.75 2.96 0.00	53.88 2.42 0.00	57.73 2.18 -9.43	40.60 1.99 0.00	45.79 2.41 0.00	48.73 2.82 0.00	52.42 2.92 0.00	55.98 2.88 0.00	54.11 3.00 0.00	77.18 4.11 0.00	57.21 3.00 0.00	69.93 3.42 0.00	52.57 2.83 0.00	61.49 3.40 0.00	38.38 2.11 0.00	37.97 1.85 0.00
KIAC_JFK____ 323774	37.94 1.88 0.00	40.16 1.84 0.00	36.53 1.54 0.00	35.12 1.51 0.00	33.29 1.46 0.00	45.63 2.38 0.00	82.41 3.90 0.00	65.72 3.32 0.00	65.75 2.96 0.00	53.89 2.43 0.00	57.72 2.18 -9.43	40.61 1.99 0.00	45.79 2.41 0.00	48.73 2.82 0.00	52.42 2.93 0.00	55.97 2.88 0.00	54.11 3.00 0.00	77.18 4.11 0.00	57.21 3.00 0.00	69.92 3.42 0.00	52.58 2.84 0.00	61.50 3.40 0.00	38.38 2.12 0.00	37.96 1.85 0.00
KINTIGH__24_KV_GSU 356498	33.86 -2.20 0.00	35.60 -2.72 0.00	32.36 -2.64 0.00	31.03 -2.59 0.00	29.47 -2.36 0.00	39.89 -3.36 0.00	71.52 -6.99 0.00	50.67 -6.13 5.61	57.37 -5.43 0.00	45.70 -4.78 0.98	42.06 -4.06 0.00	28.47 -3.50 6.65	39.32 -4.04 0.03	42.04 -3.87 0.00	44.09 -4.28 1.12	47.47 -5.28 0.35	43.66 -5.38 2.07	63.30 -7.31 2.45	47.93 -5.70 0.58	56.65 -7.06 2.79	43.40 -5.31 1.04	42.86 -6.08 9.16	32.94 -3.33 0.00	33.37 -2.74 0.00
KINTIGH____ 23543	33.84 -2.22 0.00	35.58 -2.74 0.00	32.33 -2.66 0.00	31.01 -2.61 0.00	29.45 -2.38 0.00	39.86 -3.39 0.00	71.47 -7.05 0.00	50.64 -6.15 5.61	57.33 -5.47 0.00	45.71 -4.77 0.98	42.03 -4.09 0.00	28.45 -3.52 6.65	39.29 -4.06 0.03	42.00 -3.91 0.00	44.06 -4.31 1.12	47.42 -5.33 0.35	43.63 -5.41 2.07	63.26 -7.36 2.45	47.89 -5.73 0.58	56.59 -7.12 2.79	43.38 -5.32 1.04	42.82 -6.12 9.16	32.93 -3.34 0.00	33.34 -2.77 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.75 0.69 0.00	39.01 0.69 0.00	35.65 0.66 0.00	34.25 0.64 0.00	32.43 0.60 0.00	43.87 0.62 0.00	80.24 1.73 0.00	63.84 1.43 0.00	64.71 1.91 0.00	53.23 1.78 0.00	47.98 1.87 0.00	40.05 1.44 0.00	44.87 1.48 0.00	47.39 1.48 0.00	50.96 1.47 0.00	54.80 1.70 0.00	52.34 1.22 0.00	75.88 2.81 0.00	56.22 2.01 0.00	69.13 2.63 0.00	51.48 1.73 0.00	59.91 1.81 0.00	37.20 0.93 0.00	36.91 0.80 0.00
LACHUTE____HYDRO 323717	38.35 2.29 0.00	41.10 2.78 0.00	37.96 2.97 0.00	36.46 2.84 0.00	34.90 3.07 0.00	47.41 4.16 0.00	86.04 7.52 0.00	68.19 5.79 0.00	67.80 5.00 0.00	56.30 4.85 0.00	50.61 4.50 0.00	42.13 3.51 0.00	47.04 3.65 0.00	49.56 3.65 0.00	54.58 5.09 0.00	58.50 5.41 0.00	56.69 5.57 0.00	79.45 6.38 0.00	60.32 6.11 0.00	73.53 7.03 0.00	55.19 5.45 0.00	63.64 5.54 0.00	39.44 3.17 0.00	39.24 3.13 0.00
LAWRNCAY_115KV_TB1 80681	37.23 1.17 0.00	39.55 1.23 0.00	36.08 1.09 0.00	34.65 1.03 0.00	32.81 0.98 0.00	44.37 1.12 0.00	81.38 2.87 0.00	64.77 2.37 0.00	65.43 2.63 0.00	53.72 2.27 0.00	48.15 2.04 0.00	40.25 1.64 0.00	45.20 1.82 0.00	47.69 1.78 0.00	51.28 1.79 0.00	55.10 2.00 0.00	52.62 1.50 0.00	75.87 2.80 0.00	55.87 1.66 0.00	68.81 2.30 0.00	51.45 1.71 0.00	60.28 2.18 0.00	37.59 1.33 0.00	37.42 1.31 0.00
LEDERLE____ 23769	37.77 1.71 0.00	40.02 1.70 0.00	36.44 1.45 0.00	35.02 1.40 0.00	33.17 1.34 0.00	45.49 2.24 0.00	82.24 3.74 0.00	65.40 3.00 0.00	65.33 2.53 0.00	53.43 1.97 0.00	52.58 1.66 -4.80	40.07 1.46 0.00	45.21 1.83 0.00	48.14 2.23 0.00	51.90 2.41 0.00	55.52 2.43 0.00	53.73 2.62 0.00	76.85 3.78 0.00	56.96 2.74 0.00	69.66 3.16 0.00	52.23 2.49 0.00	61.02 2.93 0.00	38.06 1.80 0.00	37.73 1.62 0.00
LIGHTHSE_115KV_TB6 355974	35.41 -0.65 0.00	37.53 -0.79 0.00	34.23 -0.77 0.00	32.87 -0.75 0.00	31.15 -0.68 0.00	42.28 -0.98 0.00	77.19 -1.32 0.00	61.46 -0.94 0.00	61.72 -1.07 0.00	50.37 -1.08 0.00	44.93 -1.18 0.00	37.79 -0.82 0.00	42.59 -0.79 0.00	44.94 -0.97 0.00	48.42 -1.08 0.00	51.60 -1.49 0.00	49.57 -1.55 0.00	71.09 -1.98 0.00	52.86 -1.35 0.00	65.10 -1.40 0.00	48.44 -1.30 0.00	56.65 -1.44 0.00	35.45 -0.82 0.00	35.15 -0.96 0.00
LINDEN COGEN____ 23786	37.84 1.77 0.00	40.06 1.74 0.00	36.47 1.48 0.00	35.05 1.43 0.00	33.21 1.38 0.00	45.53 2.28 0.00	82.12 3.60 0.00	65.33 2.93 0.00	65.31 2.51 0.00	53.48 2.03 0.00	57.34 1.79 -9.43	40.33 1.72 0.00	45.46 2.07 0.00	48.40 2.49 0.00	52.09 2.60 0.00	55.62 2.53 0.00	53.88 2.76 0.00	77.00 3.93 0.00	57.05 2.84 0.00	69.73 3.23 0.00	52.38 2.63 0.00	61.30 3.20 0.00	38.28 2.01 0.00	37.89 1.78 0.00
LINDHRST_69_KV_BK1 356055	38.38 2.32 0.00	40.58 2.27 0.00	36.85 1.86 0.00	35.45 1.83 0.00	33.51 1.68 0.00	46.12 2.87 0.00	82.89 4.38 0.00	66.48 4.08 0.00	66.40 3.60 0.00	54.24 2.78 0.00	57.84 2.38 -9.34	40.44 1.83 0.00	45.68 2.30 0.00	48.66 2.75 0.00	52.34 2.85 0.00	57.95 3.05 -1.81	120.66 3.67 -65.88	108.76 5.35 -30.33	57.81 3.60 0.00	79.51 4.76 -8.24	56.24 3.75 -2.75	62.05 3.96 0.00	40.56 2.51 -1.78	38.16 2.05 0.00
LIPA_MISC_IPP 23656	37.83 1.77 0.00	40.12 1.81 0.00	36.39 1.40 0.00	35.22 1.60 0.00	33.26 1.43 0.00	45.97 2.72 0.00	82.51 4.00 0.00	66.22 3.82 0.00	66.16 3.36 0.00	53.66 2.20 0.00	57.11 1.66 -9.34	39.79 1.18 0.00	44.92 1.54 0.00	48.17 2.26 0.00	51.89 2.40 0.00	56.97 2.34 -1.54	110.51 3.47 -55.92	103.59 4.76 -25.75	56.45 2.23 0.00	77.19 3.70 -6.99	55.01 2.93 -2.33	60.72 2.63 0.00	39.95 2.16 -1.52	37.77 1.66 0.00
LISF____SOLAR 323691	37.89 1.83 0.00	40.19 1.88 0.00	36.44 1.45 0.00	35.27 1.65 0.00	33.31 1.47 0.00	46.05 2.80 0.00	82.64 4.14 0.00	66.33 3.92 0.00	66.27 3.47 0.00	53.75 2.30 0.00	57.15 1.69 -9.34	39.83 1.22 0.00	44.95 1.56 0.00	48.19 2.28 0.00	51.94 2.45 0.00	57.04 2.40 -1.54	110.72 3.56 -56.04	103.80 4.92 -25.81	56.55 2.33 0.00	77.34 3.83 -7.01	55.11 3.03 -2.34	60.83 2.73 0.00	40.04 2.25 -1.52	37.85 1.74 0.00
LITTLE FALLS____HYD 24013	37.74 1.67 0.00	40.19 1.88 0.00	36.80 1.81 0.00	35.44 1.82 0.00	33.61 1.77 0.00	45.97 2.73 0.00	83.31 4.80 0.00	66.06 3.65 0.00	65.93 3.13 0.00	53.56 2.11 0.00	47.71 1.59 0.00	40.08 1.47 0.00	44.97 1.59 0.00	48.25 2.34 0.00	52.55 3.06 0.00	56.39 3.30 0.00	54.17 3.05 0.00	76.89 3.82 0.00	57.30 3.09 0.00	70.10 3.59 0.00	52.27 2.53 0.00	60.76 2.66 0.00	37.88 1.62 0.00	37.68 1.56 0.00

LITTLRIV_115KV_TB1 356100	37.68 1.62 0.00	40.02 1.70 0.00	36.49 1.50 0.00	35.05 1.43 0.00	33.21 1.37 0.00	44.94 1.68 0.00	82.53 4.02 0.00	65.71 3.30 0.00	66.36 3.56 0.00	54.45 3.00 0.00	48.78 2.67 0.00	40.77 2.16 0.00	45.82 2.43 0.00	48.40 2.49 0.00	52.06 2.56 0.00	55.91 2.82 0.00	53.43 2.32 0.00	77.10 4.02 0.00	56.74 2.53 0.00	69.86 3.36 0.00	52.21 2.47 0.00	61.13 3.04 0.00	38.10 1.83 0.00	37.90 1.79 0.00
LI_NEWBRDGE___DRP 323616	37.89 1.83 0.00	40.08 1.77 0.00	36.43 1.44 0.00	35.03 1.41 0.00	33.12 1.28 0.00	45.50 2.25 0.00	81.75 3.24 0.00	65.43 3.02 0.00	65.36 2.56 0.00	53.43 1.97 0.00	57.22 1.76 -9.34	40.05 1.44 0.00	45.20 1.81 0.00	48.10 2.19 0.00	51.76 2.27 0.00	56.88 2.35 -1.44	106.22 2.82 -52.28	101.13 3.99 -24.08	56.92 2.71 0.00	76.55 3.51 -6.54	54.77 2.85 -2.18	61.17 3.07 0.00	39.58 1.90 -1.42	37.67 1.56 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.57 -2.49 0.00	35.21 -3.11 0.00	31.97 -3.03 0.00	30.64 -2.97 0.00	29.13 -2.71 0.00	39.27 -3.98 0.00	69.96 -8.55 0.00	48.07 -7.42 6.91	56.21 -6.58 0.00	44.61 -5.64 1.20	41.31 -4.80 0.00	26.55 -3.92 8.14	38.50 -4.85 0.04	41.27 -4.64 0.00	43.01 -5.10 1.38	46.33 -6.34 0.43	42.03 -6.52 2.56	61.10 -8.95 3.03	46.52 -6.97 0.72	54.43 -8.63 3.45	41.97 -6.48 1.28	39.45 -7.30 11.34	32.35 -3.92 0.00	32.96 -3.16 0.00
LOCKPORT___CC1 323769	33.55 -2.51 0.00	35.19 -3.13 0.00	31.94 -3.05 0.00	30.63 -2.99 0.00	29.12 -2.72 0.00	39.26 -3.99 0.00	69.96 -8.55 0.00	47.88 -7.45 7.07	56.18 -6.62 0.00	44.49 -5.73 1.23	41.28 -4.84 0.00	26.29 -4.04 8.29	38.46 -4.89 0.04	41.23 -4.68 0.00	42.92 -5.15 1.42	46.29 -6.37 0.44	41.92 -6.57 2.62	60.95 -9.02 3.10	46.46 -7.01 0.74	54.30 -8.67 3.53	41.91 -6.51 1.32	39.11 -7.37 11.62	32.28 -3.98 0.00	32.90 -3.21 0.00
LOCKPORT___CC2 323770	33.55 -2.51 0.00	35.19 -3.13 0.00	31.94 -3.05 0.00	30.63 -2.99 0.00	29.12 -2.72 0.00	39.26 -3.99 0.00	69.96 -8.55 0.00	47.88 -7.45 7.07	56.18 -6.62 0.00	44.49 -5.73 1.23	41.28 -4.84 0.00	26.29 -4.04 8.29	38.46 -4.89 0.04	41.23 -4.68 0.00	42.92 -5.15 1.42	46.29 -6.37 0.44	41.92 -6.57 2.62	60.95 -9.02 3.10	46.46 -7.01 0.74	54.30 -8.67 3.53	41.91 -6.51 1.32	39.11 -7.37 11.62	32.28 -3.98 0.00	32.90 -3.21 0.00
LOCKPORT___CC3 323771	33.55 -2.51 0.00	35.19 -3.13 0.00	31.94 -3.05 0.00	30.63 -2.99 0.00	29.12 -2.72 0.00	39.26 -3.99 0.00	69.96 -8.55 0.00	47.88 -7.45 7.07	56.18 -6.62 0.00	44.49 -5.73 1.23	41.28 -4.84 0.00	26.29 -4.04 8.29	38.46 -4.89 0.04	41.23 -4.68 0.00	42.92 -5.15 1.42	46.29 -6.37 0.44	41.92 -6.57 2.62	60.95 -9.02 3.10	46.46 -7.01 0.74	54.30 -8.67 3.53	41.91 -6.51 1.32	39.11 -7.37 11.62	32.28 -3.98 0.00	32.90 -3.21 0.00
LOCUSVLY_69_KV_BK2 55797	38.12 2.05 0.00	40.34 2.02 0.00	36.67 1.68 0.00	35.23 1.62 0.00	33.30 1.47 0.00	45.74 2.49 0.00	82.30 3.79 0.00	65.80 3.40 0.00	65.78 2.98 0.00	53.80 2.34 0.00	57.54 2.08 -9.34	40.35 1.74 0.00	45.50 2.12 0.00	48.43 2.52 0.00	52.15 2.65 0.00	58.23 2.74 -2.39	141.41 3.16 -87.13	117.67 4.48 -40.12	57.35 3.14 0.00	81.31 3.91 -10.90	56.53 3.16 -3.63	61.63 3.53 0.00	40.77 2.14 -2.36	37.92 1.81 0.00
LONG_LAKE_PHOENIX 24014	34.94 -1.12 0.00	37.07 -1.25 0.00	33.84 -1.16 0.00	32.51 -1.10 0.00	30.81 -1.02 0.00	41.90 -1.35 0.00	75.99 -2.52 0.00	60.39 -2.02 0.00	60.74 -2.05 0.00	49.68 -1.78 0.00	44.49 -1.62 0.00	37.28 -1.33 0.00	41.95 -1.43 0.00	44.44 -1.47 0.00	47.93 -1.56 0.00	51.28 -1.81 0.00	49.42 -1.70 0.00	70.64 -2.43 0.00	52.42 -1.80 0.00	64.23 -2.27 0.00	48.01 -1.73 0.00	56.03 -2.06 0.00	35.00 -1.27 0.00	34.86 -1.26 0.00
LOVETT___3 23632	37.60 1.53 0.00	39.84 1.53 0.00	36.28 1.29 0.00	34.86 1.24 0.00	33.02 1.19 0.00	45.27 2.01 0.00	81.78 3.28 0.00	65.03 2.63 0.00	64.96 2.17 0.00	53.16 1.70 0.00	61.52 1.44 -13.96	39.90 1.29 0.00	44.99 1.61 0.00	47.90 1.99 0.00	51.62 2.13 0.00	55.21 2.11 0.00	53.42 2.31 0.00	76.36 3.29 0.00	56.61 2.40 0.00	69.24 2.74 0.00	51.94 2.20 0.00	60.71 2.62 0.00	37.88 1.61 0.00	37.55 1.44 0.00
LOVETT___4 23642	37.60 1.53 0.00	39.84 1.53 0.00	36.28 1.29 0.00	34.86 1.24 0.00	33.02 1.19 0.00	45.27 2.01 0.00	81.78 3.28 0.00	65.03 2.63 0.00	64.96 2.17 0.00	53.16 1.70 0.00	61.52 1.44 -13.96	39.90 1.29 0.00	44.99 1.61 0.00	47.90 1.99 0.00	51.62 2.13 0.00	55.21 2.11 0.00	53.42 2.31 0.00	76.36 3.29 0.00	56.61 2.40 0.00	69.24 2.74 0.00	51.94 2.20 0.00	60.71 2.62 0.00	37.88 1.61 0.00	37.55 1.44 0.00
LOVETT___5 23593	37.60 1.53 0.00	39.84 1.53 0.00	36.28 1.29 0.00	34.86 1.24 0.00	33.02 1.19 0.00	45.27 2.01 0.00	81.78 3.28 0.00	65.03 2.63 0.00	64.96 2.17 0.00	53.16 1.70 0.00	61.52 1.44 -13.96	39.90 1.29 0.00	44.99 1.61 0.00	47.90 1.99 0.00	51.62 2.13 0.00	55.21 2.11 0.00	53.42 2.31 0.00	76.36 3.29 0.00	56.61 2.40 0.00	69.24 2.74 0.00	51.94 2.20 0.00	60.71 2.62 0.00	37.88 1.61 0.00	37.55 1.44 0.00
LOWER RAQUET___HYD 24057	37.27 1.20 0.00	39.58 1.27 0.00	36.11 1.12 0.00	34.68 1.07 0.00	32.84 1.01 0.00	44.41 1.16 0.00	81.51 3.00 0.00	64.90 2.49 0.00	65.54 2.74 0.00	53.80 2.35 0.00	48.21 2.09 0.00	40.30 1.69 0.00	45.27 1.88 0.00	47.75 1.84 0.00	51.34 1.85 0.00	55.14 2.05 0.00	52.62 1.50 0.00	75.91 2.84 0.00	55.85 1.64 0.00	68.81 2.30 0.00	51.48 1.74 0.00	60.34 2.24 0.00	37.63 1.37 0.00	37.44 1.33 0.00
LOWER___HUDSON 24059	36.71 0.64 0.00	39.11 0.79 0.00	35.81 0.82 0.00	34.40 0.78 0.00	32.70 0.87 0.00	44.44 1.19 0.00	80.21 1.70 0.00	63.67 1.26 0.00	63.88 1.08 0.00	52.59 1.13 0.00	47.20 1.09 0.00	39.58 0.97 0.00	44.37 0.99 0.00	46.84 0.93 0.00	50.91 1.41 0.00	54.52 1.42 0.00	52.57 1.46 0.00	74.59 1.52 0.00	55.78 1.57 0.00	68.29 1.78 0.00	51.27 1.53 0.00	59.71 1.62 0.00	37.26 1.00 0.00	37.08 0.97 0.00
LOWVILLE_115KV_TB2 356335	36.57 0.50 0.00	38.91 0.59 0.00	35.46 0.47 0.00	34.04 0.42 0.00	32.23 0.40 0.00	43.70 0.44 0.00	81.01 2.50 0.00	64.52 2.11 0.00	64.27 1.47 0.00	52.19 0.73 0.00	46.23 0.11 0.00	39.04 0.43 0.00	44.07 0.69 0.00	46.38 0.47 0.00	49.91 0.42 0.00	53.02 -0.07 0.00	50.62 -0.50 0.00	72.97 -0.10 0.00	54.50 0.29 0.00	67.53 1.03 0.00	49.78 0.04 0.00	58.18 0.08 0.00	36.51 0.25 0.00	36.08 -0.03 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.19 1.13 0.00	39.61 1.30 0.00	36.25 1.26 0.00	34.82 1.20 0.00	33.10 1.27 0.00	45.05 1.79 0.00	81.51 3.00 0.00	64.73 2.32 0.00	64.92 2.13 0.00	53.34 1.88 0.00	47.82 1.70 0.00	40.07 1.46 0.00	44.96 1.58 0.00	47.55 1.64 0.00	51.64 2.15 0.00	55.28 2.19 0.00	53.36 2.25 0.00	75.78 2.71 0.00	56.57 2.36 0.00	69.26 2.75 0.00	51.95 2.21 0.00	60.44 2.35 0.00	37.67 1.41 0.00	37.47 1.36 0.00

LUTHERNY_35_KV_BK2 355980	37.21 1.15 0.00	39.65 1.34 0.00	36.28 1.29 0.00	34.83 1.21 0.00	33.11 1.28 0.00	45.07 1.81 0.00	81.62 3.11 0.00	64.78 2.37 0.00	64.98 2.18 0.00	53.34 1.89 0.00	47.82 1.70 0.00	40.09 1.48 0.00	44.99 1.60 0.00	47.58 1.67 0.00	51.68 2.19 0.00	55.29 2.19 0.00	53.40 2.28 0.00	75.83 2.76 0.00	56.62 2.41 0.00	69.34 2.83 0.00	52.01 2.27 0.00	60.49 2.39 0.00	37.70 1.44 0.00	37.50 1.39 0.00
LWR___OSWEGATCHIE_HYD 23850	36.78 0.71 0.00	39.07 0.75 0.00	35.66 0.67 0.00	34.23 0.61 0.00	32.41 0.58 0.00	43.79 0.53 0.00	80.77 2.25 0.00	64.33 1.93 0.00	64.57 1.77 0.00	52.74 1.29 0.00	47.01 0.89 0.00	39.50 0.89 0.00	44.48 1.10 0.00	46.82 0.91 0.00	50.36 0.87 0.00	53.83 0.73 0.00	51.39 0.27 0.00	74.13 1.06 0.00	54.91 0.70 0.00	67.86 1.35 0.00	50.40 0.65 0.00	59.05 0.96 0.00	36.92 0.65 0.00	36.60 0.49 0.00
LYONS_FALL_HYD 23570	36.59 0.52 0.00	38.92 0.60 0.00	35.49 0.50 0.00	34.10 0.48 0.00	32.29 0.46 0.00	43.87 0.62 0.00	80.74 2.23 0.00	64.24 1.83 0.00	64.20 1.40 0.00	52.25 0.79 0.00	46.48 0.37 0.00	39.15 0.53 0.00	44.13 0.74 0.00	46.58 0.67 0.00	50.20 0.70 0.00	53.46 0.37 0.00	51.23 0.11 0.00	73.55 0.48 0.00	54.82 0.61 0.00	67.60 1.10 0.00	50.11 0.37 0.00	58.50 0.41 0.00	36.63 0.36 0.00	36.28 0.17 0.00
MADISON___COUNTY_LFGE 323628	36.68 0.61 0.00	39.04 0.72 0.00	35.65 0.66 0.00	34.26 0.64 0.00	32.46 0.63 0.00	44.30 1.05 0.00	80.70 2.19 0.00	64.04 1.64 0.00	64.34 1.54 0.00	52.45 0.99 0.00	46.96 0.85 0.00	39.39 0.78 0.00	44.35 0.96 -0.01	47.04 1.13 0.00	50.76 1.26 0.00	54.28 1.18 0.00	52.29 1.17 0.00	74.46 1.39 0.00	55.27 1.06 0.00	67.72 1.21 0.00	50.56 0.82 0.00	58.93 0.83 0.00	36.78 0.52 0.00	36.56 0.45 0.00
MALONE___115KV_TB1 356076	36.96 0.90 0.00	39.24 0.93 0.00	35.85 0.86 0.00	34.45 0.83 0.00	32.62 0.79 0.00	44.13 0.88 0.00	80.86 2.35 0.00	64.36 1.96 0.00	65.19 2.39 0.00	53.65 2.20 0.00	48.28 2.16 0.00	40.27 1.66 0.00	45.15 1.77 0.00	47.69 1.78 0.00	51.29 1.80 0.00	55.12 2.03 0.00	52.61 1.49 0.00	76.24 3.17 0.00	56.37 2.16 0.00	69.33 2.83 0.00	51.68 1.93 0.00	60.24 2.14 0.00	37.42 1.16 0.00	37.15 1.04 0.00
MAPLEWOD_115KV_TB3 80458	36.67 0.60 0.00	39.04 0.72 0.00	35.72 0.73 0.00	34.31 0.70 0.00	32.58 0.74 0.00	44.31 1.06 0.00	80.00 1.49 0.00	63.53 1.13 0.00	63.88 1.08 0.00	52.54 1.08 0.00	47.13 1.02 0.00	39.52 0.90 0.00	44.29 0.91 0.00	46.80 0.89 0.00	50.79 1.29 0.00	54.38 1.28 0.00	52.45 1.33 0.00	74.54 1.47 0.00	55.60 1.39 0.00	68.06 1.56 0.00	51.09 1.35 0.00	59.55 1.46 0.00	37.14 0.87 0.00	36.97 0.85 0.00
MAPLE_RIDGE_WT_1 323574	35.88 -0.18 0.00	38.27 -0.05 0.00	34.94 -0.05 0.00	33.54 -0.08 0.00	31.73 -0.10 0.00	43.06 -0.19 0.00	78.78 0.28 0.00	62.49 0.08 0.00	62.67 -0.13 0.00	51.27 -0.18 0.00	45.82 -0.29 0.00	38.32 -0.30 0.00	42.92 -0.46 0.00	45.38 -0.53 0.00	48.73 -0.76 0.00	52.06 -1.04 0.00	49.96 -1.15 0.00	71.95 -1.12 0.00	53.59 -0.62 0.00	65.81 -0.69 0.00	49.19 -0.55 0.00	57.41 -0.69 0.00	36.04 -0.22 0.00	35.85 -0.26 0.00
MAPLE_RIDGE_WT_2 323611	35.88 -0.18 0.00	38.27 -0.05 0.00	34.94 -0.05 0.00	33.54 -0.08 0.00	31.73 -0.10 0.00	43.06 -0.19 0.00	78.78 0.28 0.00	62.49 0.08 0.00	62.67 -0.13 0.00	51.27 -0.18 0.00	45.82 -0.29 0.00	38.32 -0.30 0.00	42.92 -0.46 0.00	45.38 -0.53 0.00	48.73 -0.76 0.00	52.06 -1.04 0.00	49.96 -1.15 0.00	71.95 -1.12 0.00	53.59 -0.62 0.00	65.81 -0.69 0.00	49.19 -0.55 0.00	57.41 -0.69 0.00	36.04 -0.22 0.00	35.85 -0.26 0.00
MARBLE_RIVER_WT_PWR 323696	36.39 0.32 0.00	38.64 0.32 0.00	35.33 0.34 0.00	33.93 0.32 0.00	32.12 0.29 0.00	43.44 0.19 0.00	79.33 0.82 0.00	63.11 0.70 0.00	63.93 1.13 0.00	52.60 1.14 0.00	47.43 1.31 0.00	39.61 1.00 0.00	44.40 1.02 0.00	46.85 0.94 0.00	50.36 0.87 0.00	54.13 1.03 0.00	51.66 0.55 0.00	74.83 1.76 0.00	55.46 1.25 0.00	68.22 1.71 0.00	50.83 1.09 0.00	59.22 1.12 0.00	36.76 0.49 0.00	36.51 0.40 0.00
MARSHVLE_115KV_TB1 80742	36.42 0.35 0.00	38.69 0.37 0.00	35.27 0.28 0.00	33.86 0.24 0.00	32.11 0.28 0.00	43.75 0.49 0.00	79.99 1.48 0.00	65.29 2.89 0.00	65.43 2.63 0.00	52.24 0.79 0.00	46.37 0.25 0.00	38.89 0.27 0.00	43.56 0.17 0.00	46.58 0.67 0.00	50.26 0.77 0.00	53.76 0.66 0.00	51.65 0.53 0.00	73.84 0.77 0.00	54.68 0.47 0.00	67.05 0.55 0.00	49.85 0.11 0.00	58.06 -0.04 0.00	36.34 0.07 0.00	36.11 0.00 0.00
MARSH_HILL_WT_PWR 323713	34.16 -1.91 0.00	36.00 -2.32 0.00	32.75 -2.24 0.00	31.53 -2.09 0.00	29.78 -2.05 0.00	40.66 -2.59 0.00	72.88 -5.63 0.00	37.05 -5.46 19.89	57.14 -5.65 0.00	42.12 -5.74 3.60	40.90 -5.21 0.00	5.64 -4.80 28.18	37.72 -5.56 0.11	40.80 -5.11 0.00	39.33 -5.79 4.37	44.98 -6.76 1.36	36.34 -6.68 8.09	54.37 -9.13 9.56	45.19 -6.74 2.28	47.47 -8.14 10.89	39.30 -6.43 4.01	15.05 -7.63 35.42	31.79 -4.47 0.00	32.11 -4.01 0.00
MCINTYRE_115KV_TB2 80467	37.85 1.79 0.00	40.20 1.88 0.00	36.65 1.66 0.00	35.20 1.58 0.00	33.35 1.52 0.00	45.16 1.91 0.00	82.91 4.40 0.00	65.99 3.59 0.00	66.66 3.86 0.00	54.70 3.25 0.00	49.02 2.91 0.00	40.95 2.34 0.00	46.03 2.64 0.00	48.65 2.74 0.00	52.30 2.81 0.00	56.25 3.15 0.00	53.83 2.72 0.00	77.68 4.61 0.00	57.20 2.99 0.00	70.37 3.87 0.00	52.54 2.80 0.00	61.45 3.36 0.00	38.29 2.03 0.00	38.12 2.01 0.00
MECO_____69_KV_BK1 80468	37.26 1.20 0.00	39.60 1.29 0.00	36.14 1.14 0.00	34.70 1.08 0.00	32.94 1.11 0.00	44.95 1.70 0.00	82.06 3.55 0.00	66.36 3.95 0.00	66.35 3.55 0.00	53.44 1.98 0.00	47.25 1.13 0.00	39.81 1.20 0.00	44.50 1.12 0.00	47.72 1.81 0.00	51.60 2.11 0.00	55.30 2.21 0.00	53.32 2.20 0.00	76.20 3.13 0.00	56.50 2.29 0.00	69.20 2.70 0.00	51.56 1.82 0.00	59.96 1.87 0.00	37.41 1.14 0.00	37.14 1.03 0.00
MENANDS___115KV_TB5 355628	36.50 0.44 0.00	38.86 0.55 0.00	35.58 0.58 0.00	34.18 0.56 0.00	32.44 0.60 0.00	44.11 0.86 0.00	79.60 1.10 0.00	63.20 0.79 0.00	63.56 0.76 0.00	52.30 0.84 0.00	46.92 0.80 0.00	39.34 0.72 0.00	44.08 0.70 0.00	46.58 0.67 0.00	50.54 1.05 0.00	54.11 1.02 0.00	52.17 1.06 0.00	74.14 1.07 0.00	55.32 1.11 0.00	67.73 1.22 0.00	50.84 1.10 0.00	59.27 1.18 0.00	36.97 0.70 0.00	36.82 0.70 0.00
MG INDUSTRY___DRP 24185	36.69 0.63 0.00	39.06 0.75 0.00	35.75 0.76 0.00	34.35 0.73 0.00	32.54 0.71 0.00	44.27 1.02 0.00	79.97 1.46 0.00	63.46 1.06 0.00	63.71 0.91 0.00	52.35 0.90 0.00	46.85 0.74 0.00	39.26 0.65 0.00	44.08 0.70 0.00	46.55 0.64 0.00	50.43 0.94 0.00	54.11 1.02 0.00	52.10 0.99 0.00	74.24 1.17 0.00	55.30 1.09 0.00	67.77 1.26 0.00	50.84 1.10 0.00	59.32 1.23 0.00	37.00 0.74 0.00	36.85 0.74 0.00

MID___OSWEGATCHIE_HYD 23849	36.78 0.71 0.00	39.07 0.75 0.00	35.66 0.67 0.00	34.23 0.61 0.00	32.41 0.58 0.00	43.79 0.53 0.00	80.77 2.25 0.00	64.33 1.93 0.00	64.57 1.77 0.00	52.74 1.29 0.00	47.01 0.89 0.00	39.50 0.89 0.00	44.48 1.10 0.00	46.82 0.91 0.00	50.36 0.87 0.00	53.83 0.73 0.00	51.39 0.27 0.00	74.13 1.06 0.00	54.91 0.70 0.00	67.86 1.35 0.00	50.40 0.65 0.00	59.05 0.96 0.00	36.92 0.65 0.00	36.60 0.49 0.00
MID___RAQUETTE_HYD 23851	37.27 1.20 0.00	39.59 1.27 0.00	36.11 1.12 0.00	34.69 1.07 0.00	32.84 1.01 0.00	44.41 1.16 0.00	81.50 3.00 0.00	64.90 2.49 0.00	65.54 2.74 0.00	53.80 2.35 0.00	48.21 2.09 0.00	40.30 1.68 0.00	45.27 1.88 0.00	47.75 1.84 0.00	51.35 1.85 0.00	55.15 2.06 0.00	52.62 1.51 0.00	75.91 2.84 0.00	55.85 1.64 0.00	68.81 2.30 0.00	51.48 1.74 0.00	60.34 2.25 0.00	37.63 1.37 0.00	37.44 1.33 0.00
MILLIKEN___1 23584	36.20 0.13 0.00	38.39 0.08 0.00	35.04 0.05 0.00	33.63 0.01 0.00	31.85 0.02 0.00	43.43 0.17 0.00	78.87 0.36 0.00	80.86 0.15 -18.30	62.88 0.08 0.00	54.32 -0.28 -3.14	45.78 -0.34 0.00	64.36 -0.36 -26.10	43.19 -0.32 -0.12	45.80 -0.11 0.00	53.99 -0.19 -4.68	54.29 -0.26 -1.46	59.62 -0.17 -8.67	83.09 -0.23 -10.24	56.47 -0.18 -2.44	77.75 -0.36 -11.61	53.39 -0.27 -3.92	92.43 -0.36 -34.69	36.04 -0.22 0.00	35.99 -0.12 0.00
MILLIKEN___2 23585	36.20 0.13 0.00	38.39 0.08 0.00	35.04 0.05 0.00	33.63 0.01 0.00	31.85 0.02 0.00	43.43 0.17 0.00	78.87 0.36 0.00	80.86 0.15 -18.30	62.88 0.08 0.00	54.32 -0.28 -3.14	45.78 -0.34 0.00	64.36 -0.36 -26.10	43.19 -0.32 -0.12	45.80 -0.11 0.00	53.99 -0.19 -4.68	54.29 -0.26 -1.46	59.62 -0.17 -8.67	83.09 -0.23 -10.24	56.47 -0.18 -2.44	77.75 -0.36 -11.61	53.39 -0.27 -3.92	92.43 -0.36 -34.69	36.04 -0.22 0.00	35.99 -0.12 0.00
MILLIKEN___DIESEL 23629	36.20 0.13 0.00	38.39 0.08 0.00	35.04 0.05 0.00	33.63 0.01 0.00	31.85 0.02 0.00	43.43 0.17 0.00	78.87 0.36 0.00	80.86 0.15 -18.30	62.88 0.08 0.00	54.32 -0.28 -3.14	45.78 -0.34 0.00	64.36 -0.36 -26.10	43.19 -0.32 -0.12	45.80 -0.11 0.00	53.99 -0.19 -4.68	54.29 -0.26 -1.46	59.62 -0.17 -8.67	83.09 -0.23 -10.24	56.47 -0.18 -2.44	77.75 -0.36 -11.61	53.39 -0.27 -3.92	92.43 -0.36 -34.69	36.04 -0.22 0.00	35.99 -0.12 0.00
MILLSEAT___LFGE 323607	34.33 -1.74 0.00	36.02 -2.30 0.00	32.71 -2.28 0.00	31.38 -2.24 0.00	29.82 -2.01 0.00	40.34 -2.91 0.00	72.20 -6.30 0.00	50.52 -5.51 6.38	58.11 -4.69 0.00	46.01 -4.34 1.11	42.60 -3.52 0.00	28.15 -2.93 7.53	39.80 -3.55 0.03	42.66 -3.25 0.00	44.67 -3.55 1.27	48.09 -4.61 0.39	43.97 -4.79 2.36	63.85 -6.44 2.78	48.40 -5.15 0.66	56.91 -6.43 3.17	43.68 -4.88 1.18	42.08 -5.58 10.44	33.29 -2.98 0.00	33.80 -2.31 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.66 1.60 0.00	39.91 1.59 0.00	36.35 1.35 0.00	34.92 1.31 0.00	33.08 1.25 0.00	45.33 2.08 0.00	81.85 3.34 0.00	65.10 2.70 0.00	65.09 2.29 0.00	53.29 1.83 0.00	53.35 1.58 -5.65	40.02 1.40 0.00	45.11 1.72 0.00	48.00 2.09 0.00	51.73 2.24 0.00	55.31 2.22 0.00	53.52 2.41 0.00	76.46 3.39 0.00	56.69 2.48 0.00	69.37 2.86 0.00	52.05 2.31 0.00	60.83 2.74 0.00	37.95 1.69 0.00	37.62 1.50 0.00
MILLWOOD_13_KV_LOAD 356217	37.73 1.66 0.00	39.99 1.67 0.00	36.41 1.42 0.00	34.98 1.37 0.00	33.14 1.31 0.00	45.42 2.17 0.00	82.02 3.51 0.00	65.24 2.84 0.00	65.23 2.44 0.00	53.40 1.94 0.00	53.44 1.67 -5.65	40.10 1.48 0.00	45.20 1.81 0.00	48.09 2.18 0.00	51.84 2.35 0.00	55.42 2.33 0.00	53.64 2.53 0.00	76.67 3.60 0.00	56.83 2.62 0.00	69.53 3.02 0.00	52.18 2.44 0.00	60.96 2.86 0.00	38.03 1.77 0.00	37.69 1.58 0.00
MODEL_CITY_ENERGY 24167	33.30 -2.77 0.00	34.91 -3.41 0.00	31.70 -3.30 0.00	30.39 -3.23 0.00	28.89 -2.94 0.00	38.88 -4.37 0.00	69.13 -9.38 0.00	47.17 -8.11 7.13	55.58 -7.21 0.00	44.06 -6.16 1.24	40.91 -5.20 0.00	25.93 -4.28 8.41	38.09 -5.26 0.04	40.82 -5.09 0.00	42.49 -5.57 1.43	45.80 -6.85 0.44	41.40 -7.07 2.64	60.20 -9.75 3.12	45.92 -7.55 0.74	53.62 -9.33 3.56	41.42 -6.99 1.33	38.49 -7.90 11.71	32.03 -4.23 0.00	32.68 -3.43 0.00
MODERN_LFGE___ 323580	33.30 -2.77 0.00	34.91 -3.41 0.00	31.70 -3.30 0.00	30.39 -3.23 0.00	28.89 -2.94 0.00	38.88 -4.37 0.00	69.13 -9.38 0.00	47.17 -8.11 7.13	55.58 -7.21 0.00	44.06 -6.16 1.24	40.91 -5.20 0.00	25.93 -4.28 8.41	38.09 -5.26 0.04	40.82 -5.09 0.00	42.49 -5.57 1.43	45.80 -6.85 0.44	41.40 -7.07 2.64	60.20 -9.75 3.12	45.92 -7.55 0.74	53.62 -9.33 3.56	41.42 -6.99 1.33	38.49 -7.90 11.71	32.03 -4.23 0.00	32.68 -3.43 0.00
MOHAWK_PAPER___DRP 24187	36.67 0.60 0.00	39.04 0.72 0.00	35.72 0.73 0.00	34.31 0.70 0.00	32.58 0.74 0.00	44.31 1.06 0.00	80.00 1.49 0.00	63.53 1.13 0.00	63.88 1.08 0.00	52.54 1.08 0.00	47.13 1.02 0.00	39.52 0.90 0.00	44.29 0.91 0.00	46.80 0.89 0.00	50.79 1.29 0.00	54.38 1.28 0.00	52.45 1.33 0.00	74.54 1.47 0.00	55.60 1.39 0.00	68.06 1.56 0.00	51.09 1.35 0.00	59.55 1.46 0.00	37.14 0.87 0.00	36.97 0.85 0.00
MOHICAN___35_KV_115KV_LD 80490	37.23 1.17 0.00	39.71 1.39 0.00	36.42 1.43 0.00	34.97 1.35 0.00	33.31 1.48 0.00	45.30 2.05 0.00	82.11 3.60 0.00	65.21 2.80 0.00	65.34 2.54 0.00	53.84 2.39 0.00	48.31 2.20 0.00	40.38 1.76 0.00	45.29 1.90 0.00	47.80 1.89 0.00	52.09 2.60 0.00	55.77 2.67 0.00	53.81 2.70 0.00	76.20 3.13 0.00	57.13 2.93 0.00	69.85 3.35 0.00	52.42 2.68 0.00	60.83 2.73 0.00	37.89 1.63 0.00	37.68 1.57 0.00
MONGAUP___HYD 23641	37.78 1.72 0.00	40.06 1.74 0.00	36.49 1.50 0.00	35.06 1.44 0.00	33.22 1.38 0.00	45.47 2.22 0.00	82.33 3.82 0.00	65.45 3.04 0.00	65.46 2.66 0.00	53.47 2.01 0.00	38.23 1.27 9.16	39.58 0.97 0.00	44.60 1.21 0.00	47.55 1.64 0.00	51.56 2.07 0.00	55.27 2.18 0.00	53.71 2.59 0.00	76.76 3.70 0.00	56.94 2.73 0.00	69.70 3.20 0.00	52.25 2.51 0.00	61.00 2.90 0.00	37.90 1.64 0.00	37.60 1.49 0.00
MONTAUK___DIESEL 23721	37.29 1.23 0.00	39.25 0.93 0.00	36.22 1.23 0.00	35.13 1.51 0.00	33.19 1.36 0.00	46.76 3.51 0.00	84.02 5.51 0.00	67.76 5.36 0.00	67.55 4.75 0.00	54.38 2.93 0.00	57.38 1.92 -9.34	39.37 0.76 0.00	44.99 1.61 0.00	48.43 2.52 0.00	52.23 2.74 0.00	57.41 2.78 -1.54	111.21 4.12 -55.97	103.12 4.28 -25.77	55.07 0.86 0.00	75.65 2.14 -7.00	53.74 1.67 -2.33	59.05 0.95 0.00	38.98 1.20 -1.52	36.68 0.57 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.93 -2.13 0.00	35.78 -2.54 0.00	32.33 -2.66 0.00	30.73 -2.89 0.00	29.05 -2.79 0.00	39.25 -4.01 0.00	69.90 -8.61 0.00	39.34 -7.56 15.50	56.02 -6.78 0.00	43.61 -6.20 1.64	40.58 -5.53 0.00	22.31 -4.78 11.52	38.07 -5.27 0.05	40.83 -5.08 0.00	42.36 -5.23 1.91	46.08 -6.43 0.59	40.93 -6.66 3.53	59.45 -9.45 4.17	46.03 -7.19 0.99	52.61 -9.14 4.75	41.13 -6.84 1.77	34.41 -8.04 15.66	31.99 -4.28 0.00	32.30 -3.82 0.00

MORRIS_RIDGE___SOLAR 323848	33.95 -2.12 0.00	35.76 -2.56 0.00	32.51 -2.48 0.00	31.27 -2.35 0.00	29.64 -2.19 0.00	40.35 -2.90 0.00	72.32 -6.19 0.00	42.29 -5.91 14.21	57.00 -5.79 0.00	43.37 -5.59 2.50	41.02 -5.09 0.00	12.59 -4.70 21.32	38.07 -5.24 0.08	41.19 -4.72 0.00	41.34 -5.22 2.93	45.93 -6.25 0.91	39.45 -6.23 5.43	58.09 -8.57 6.42	46.23 -6.45 1.53	51.16 -8.03 7.31	41.00 -6.03 2.72	27.03 -7.06 24.01	32.24 -4.03 0.00	32.62 -3.49 0.00
MORTIMER_115KV_TB3 55949	34.67 -1.39 0.00	36.51 -1.80 0.00	33.23 -1.76 0.00	31.88 -1.74 0.00	30.27 -1.56 0.00	41.08 -2.17 0.00	74.10 -4.41 0.00	54.40 -3.82 4.18	59.53 -3.27 0.00	47.81 -2.92 0.73	43.65 -2.47 0.00	31.45 -2.15 5.01	40.93 -2.43 0.02	43.64 -2.27 0.00	46.22 -2.46 0.81	49.69 -3.15 0.25	46.43 -3.18 1.51	67.04 -4.25 1.78	50.44 -3.35 0.42	60.22 -4.25 2.03	45.76 -3.23 0.75	47.63 -3.79 6.67	34.17 -2.10 0.00	34.38 -1.73 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.92 1.86 0.00	40.18 1.86 0.00	36.57 1.58 0.00	35.14 1.52 0.00	33.29 1.46 0.00	45.62 2.37 0.00	82.24 3.73 0.00	65.46 3.06 0.00	65.48 2.69 0.00	53.63 2.17 0.00	57.44 1.94 -9.38	40.37 1.75 0.00	45.50 2.11 0.00	48.40 2.49 0.00	52.11 2.62 0.00	55.68 2.58 0.00	53.92 2.81 0.00	77.03 3.96 0.00	57.08 2.87 0.00	69.80 3.30 0.00	52.43 2.69 0.00	61.28 3.18 0.00	38.25 1.98 0.00	37.88 1.76 0.00
MUNSVILLE_WIND_PWR 323609	37.25 1.19 0.00	39.68 1.36 0.00	36.28 1.29 0.00	34.86 1.25 0.00	33.11 1.27 0.00	45.29 2.04 0.00	82.84 4.33 0.00	74.79 2.89 -9.50	65.12 2.32 0.00	54.05 0.96 -1.64	46.63 0.52 0.00	51.39 -0.15 -12.92	43.17 -0.28 -0.06	45.89 -0.02 0.00	52.02 0.06 -2.48	54.16 0.29 -0.77	56.26 0.55 -4.59	79.21 0.72 -5.42	56.18 0.68 -1.29	73.09 0.46 -6.13	52.19 0.49 -1.96	76.02 0.58 -17.35	36.50 0.24 0.00	36.33 0.21 0.00
N SALMON___HYD 24042	36.96 0.90 0.00	39.24 0.93 0.00	35.85 0.86 0.00	34.45 0.83 0.00	32.62 0.79 0.00	44.13 0.88 0.00	80.86 2.35 0.00	64.36 1.96 0.00	65.19 2.39 0.00	53.65 2.20 0.00	48.28 2.16 0.00	40.27 1.66 0.00	45.15 1.77 0.00	47.69 1.78 0.00	51.28 1.79 0.00	55.12 2.03 0.00	52.61 1.50 0.00	76.24 3.17 0.00	56.37 2.16 0.00	69.33 2.83 0.00	51.68 1.93 0.00	60.24 2.14 0.00	37.42 1.16 0.00	37.15 1.04 0.00
N.AKRON__115KV_KNAPP 355671	34.12 -1.94 0.00	35.79 -2.52 0.00	32.50 -2.49 0.00	31.17 -2.45 0.00	29.62 -2.21 0.00	40.03 -3.23 0.00	71.52 -6.99 0.00	49.73 -6.08 6.59	57.55 -5.25 0.00	45.63 -4.68 1.15	42.21 -3.90 0.00	27.66 -3.19 7.77	39.42 -3.93 0.03	42.24 -3.67 0.00	44.16 -4.02 1.32	47.54 -5.14 0.41	43.35 -5.33 2.44	62.98 -7.22 2.88	47.81 -5.71 0.69	56.10 -7.12 3.28	43.14 -5.38 1.22	41.21 -6.09 10.80	33.02 -3.25 0.00	33.56 -2.56 0.00
N.E_GEN_SANDY PD 24062	36.09 0.52 0.50	39.01 0.70 0.01	36.04 0.78 -0.27	34.36 0.75 0.00	32.74 0.91 0.00	40.85 1.18 3.58	78.28 1.42 1.65	63.71 1.03 -0.28	63.37 0.77 0.19	52.82 0.97 -0.40	47.10 0.98 0.00	39.57 0.96 0.00	44.28 0.89 0.00	46.65 0.74 0.00	51.16 1.33 -0.34	54.41 1.31 0.00	52.92 1.31 -0.49	69.86 1.15 4.36	55.94 1.46 -0.27	68.16 1.66 0.00	54.79 1.53 -3.51	59.71 1.61 0.00	37.42 0.97 -0.18	37.78 0.99 -0.68
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.63 1.57 0.00	39.88 1.56 0.00	36.32 1.33 0.00	34.91 1.29 0.00	33.06 1.23 0.00	45.33 2.08 0.00	81.91 3.40 0.00	65.12 2.72 0.00	65.05 2.25 0.00	53.21 1.76 0.00	57.43 1.47 -9.84	39.92 1.30 0.00	45.03 1.64 0.00	47.95 2.04 0.00	51.68 2.19 0.00	55.28 2.18 0.00	53.49 2.37 0.00	76.49 3.42 0.00	56.68 2.47 0.00	69.34 2.84 0.00	52.01 2.27 0.00	60.78 2.68 0.00	37.92 1.65 0.00	37.59 1.48 0.00
N.QUEENS_27_KV_LOAD 356247	38.04 1.98 0.00	40.29 1.98 0.00	36.70 1.71 0.00	35.25 1.64 0.00	33.41 1.58 0.00	45.77 2.52 0.00	82.65 4.14 0.00	65.85 3.44 0.00	65.91 3.11 0.00	53.97 2.51 0.00	57.85 2.33 -9.41	40.69 2.08 0.00	45.82 2.43 0.00	48.75 2.84 0.00	52.46 2.96 0.00	55.97 2.88 0.00	54.25 3.13 0.00	77.43 4.36 0.00	57.38 3.17 0.00	70.22 3.71 0.00	52.82 3.08 0.00	61.70 3.60 0.00	38.52 2.26 0.00	38.13 2.02 0.00
N.TROY___115KV_TB1 355778	36.71 0.64 0.00	39.10 0.79 0.00	35.81 0.82 0.00	34.40 0.78 0.00	32.70 0.87 0.00	44.44 1.19 0.00	80.20 1.70 0.00	63.67 1.26 0.00	63.88 1.09 0.00	52.58 1.12 0.00	47.20 1.09 0.00	39.59 0.97 0.00	44.38 0.99 0.00	46.84 0.93 0.00	50.91 1.42 0.00	54.52 1.43 0.00	52.58 1.46 0.00	74.59 1.52 0.00	55.78 1.57 0.00	68.29 1.78 0.00	51.27 1.53 0.00	59.71 1.62 0.00	37.26 0.99 0.00	37.09 0.98 0.00
NARROWS_GT1_1 24228	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
NARROWS_GT1_2 24229	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
NARROWS_GT1_3 24230	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
NARROWS_GT1_4 24231	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
NARROWS_GT1_5 24232	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00

NARROWS_GT1_6 24233	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
NARROWS_GT1_7 24234	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
NARROWS_GT1_8 24235	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
NARROWS_GT2_1 24236	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
NARROWS_GT2_2 24237	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
NARROWS_GT2_3 24238	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
NARROWS_GT2_4 24239	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
NARROWS_GT2_5 24240	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
NARROWS_GT2_6 24241	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
NARROWS_GT2_7 24242	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
NARROWS_GT2_8 24243	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.35 1.73 0.00	33.49 1.66 0.00	45.84 2.58 0.00	82.43 3.92 0.00	65.67 3.27 0.00	65.67 2.87 0.00	53.85 2.40 0.00	57.71 2.18 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.79 0.00	52.34 2.85 0.00	55.83 2.74 0.00	54.13 3.02 0.00	77.33 4.26 0.00	57.31 3.10 0.00	70.07 3.56 0.00	52.77 3.03 0.00	61.71 3.62 0.00	38.57 2.30 0.00	38.15 2.04 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.07 1.01 0.00	39.47 1.15 0.00	36.14 1.15 0.00	34.73 1.12 0.00	32.94 1.11 0.00	44.88 1.63 0.00	81.22 2.71 0.00	64.59 2.19 0.00	64.76 1.96 0.00	53.33 1.88 0.00	47.60 1.48 0.00	39.73 1.11 0.00	44.60 1.22 0.00	46.97 1.06 0.00	51.01 1.51 0.00	54.96 1.86 0.00	53.04 1.93 0.00	75.79 2.72 0.00	56.47 2.26 0.00	69.08 2.58 0.00	51.75 2.01 0.00	60.28 2.18 0.00	37.51 1.24 0.00	37.31 1.20 0.00
NCHELSEA_115KV_TR2 355582	37.85 1.79 0.00	40.14 1.82 0.00	36.57 1.58 0.00	35.15 1.53 0.00	33.29 1.46 0.00	45.60 2.35 0.00	82.41 3.90 0.00	65.56 3.16 0.00	65.61 2.81 0.00	53.72 2.27 0.00	48.02 1.90 0.00	40.24 1.63 0.00	45.34 1.95 0.00	48.24 2.33 0.00	52.06 2.57 0.00	55.70 2.60 0.00	53.88 2.77 0.00	76.98 3.91 0.00	57.09 2.88 0.00	69.85 3.34 0.00	52.39 2.65 0.00	61.18 3.08 0.00	38.15 1.88 0.00	37.81 1.70 0.00
NEG CAPITAL____MECHNVIL 23645	37.23 1.16 0.00	39.65 1.33 0.00	36.29 1.30 0.00	34.86 1.24 0.00	33.14 1.31 0.00	45.10 1.85 0.00	81.57 3.06 0.00	64.78 2.38 0.00	64.99 2.19 0.00	53.43 1.98 0.00	47.89 1.77 0.00	40.15 1.53 0.00	45.05 1.66 0.00	47.62 1.71 0.00	51.74 2.25 0.00	55.39 2.29 0.00	53.45 2.34 0.00	75.92 2.85 0.00	56.70 2.49 0.00	69.38 2.88 0.00	52.05 2.31 0.00	60.54 2.44 0.00	37.74 1.47 0.00	37.54 1.42 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.11 -1.95 0.00	35.99 -2.33 0.00	32.79 -2.21 0.00	31.45 -2.16 0.00	29.86 -1.97 0.00	40.58 -2.67 0.00	73.39 -5.13 0.00	56.11 -4.29 2.00	58.90 -3.90 0.00	47.69 -3.41 0.35	43.18 -2.93 0.00	33.93 -2.52 2.16	40.56 -2.81 0.01	43.14 -2.77 0.00	46.17 -2.99 0.34	49.38 -3.61 0.11	46.91 -3.58 0.63	67.46 -4.87 0.74	50.25 -3.79 0.18	60.88 -4.78 0.85	45.76 -3.64 0.34	50.79 -4.30 3.00	33.74 -2.53 0.00	33.88 -2.23 0.00

NEG CENTRAL___DRP 24199	35.30 -0.76 0.00	37.37 -0.95 0.00	34.08 -0.91 0.00	32.69 -0.93 0.00	31.00 -0.83 0.00	42.19 -1.06 0.00	76.46 -2.04 0.00	60.65 -1.75 0.00	61.19 -1.60 0.00	49.95 -1.51 0.00	44.77 -1.35 0.00	37.44 -1.18 0.00	42.17 -1.21 0.00	44.77 -1.14 0.00	48.28 -1.21 0.00	51.54 -1.55 0.00	49.63 -1.49 0.00	71.02 -2.05 0.00	52.63 -1.58 0.00	64.42 -2.08 0.00	48.19 -1.55 0.00	56.15 -1.94 0.00	35.10 -1.16 0.00	35.07 -1.05 0.00
NEG CENTRAL___INDECK 23768	35.46 -0.60 0.00	37.28 -1.03 0.00	33.91 -1.08 0.00	32.59 -1.03 0.00	30.93 -0.90 0.00	42.13 -1.12 0.00	76.03 -2.48 0.00	47.32 -2.49 12.59	60.52 -2.27 0.00	46.65 -2.58 2.23	43.61 -2.51 0.00	18.55 -2.54 17.52	40.47 -2.84 0.07	43.40 -2.50 0.00	44.41 -2.44 2.64	49.36 -2.91 0.82	43.35 -2.88 4.89	63.77 -3.53 5.78	50.02 -2.82 1.38	56.32 -3.60 6.58	44.53 -2.78 2.43	33.30 -3.29 21.51	34.44 -1.82 0.00	34.69 -1.43 0.00
NEG CENTRAL___SENECA 23627	35.19 -0.87 0.00	37.21 -1.11 0.00	33.90 -1.09 0.00	32.53 -1.09 0.00	30.86 -0.97 0.00	42.00 -1.25 0.00	76.10 -2.41 0.00	59.45 -2.07 0.88	60.98 -1.82 0.00	49.52 -1.70 0.23	44.60 -1.51 0.00	37.28 -1.33 0.00	41.97 -1.42 0.00	44.56 -1.35 0.00	48.05 -1.44 0.00	51.23 -1.86 0.00	49.29 -1.82 0.00	70.59 -2.48 0.00	52.27 -1.94 0.00	63.96 -2.54 0.00	47.81 -1.93 0.00	55.73 -2.37 0.00	34.90 -1.37 0.00	34.90 -1.21 0.00
NEG CENTRAL___STATE_STREET 24147	35.74 -0.32 0.00	37.87 -0.45 0.00	34.55 -0.44 0.00	33.09 -0.53 0.00	31.35 -0.49 0.00	42.68 -0.57 0.00	77.37 -1.14 0.00	64.73 -1.03 -3.35	61.80 -1.00 0.00	50.98 -1.05 -0.57	45.13 -0.99 0.00	42.75 -0.85 -4.99	42.54 -0.87 -0.03	45.15 -0.76 0.00	49.58 -0.85 -0.94	52.34 -1.04 -0.29	51.90 -0.96 -1.75	73.81 -1.33 -2.07	53.70 -1.00 -0.49	67.48 -1.36 -2.34	49.59 -0.89 -0.73	63.33 -1.25 -6.48	35.51 -0.76 0.00	35.52 -0.59 0.00
NEG MILLWOOD___DRP 24198	37.95 1.89 0.00	40.21 1.90 0.00	36.64 1.65 0.00	35.21 1.59 0.00	33.36 1.52 0.00	45.73 2.48 0.00	82.62 4.12 0.00	65.76 3.36 0.00	65.76 2.96 0.00	53.90 2.45 0.00	48.20 2.08 0.00	40.37 1.76 0.00	45.48 2.10 0.00	48.41 2.50 0.00	52.20 2.71 0.00	55.84 2.74 0.00	54.06 2.95 0.00	77.27 4.20 0.00	57.30 3.09 0.00	70.07 3.57 0.00	52.55 2.81 0.00	61.38 3.28 0.00	38.25 1.99 0.00	37.90 1.79 0.00
NEG NORTH_FLCN_SEA 23793	36.62 0.56 0.00	38.88 0.56 0.00	35.54 0.55 0.00	34.14 0.52 0.00	32.32 0.48 0.00	43.71 0.46 0.00	79.88 1.36 0.00	63.55 1.14 0.00	64.42 1.62 0.00	52.98 1.53 0.00	47.79 1.68 0.00	39.89 1.28 0.00	44.71 1.32 0.00	47.20 1.28 0.00	50.74 1.24 0.00	54.55 1.45 0.00	52.08 0.96 0.00	75.45 2.37 0.00	55.90 1.69 0.00	68.75 2.24 0.00	51.20 1.46 0.00	59.63 1.53 0.00	37.02 0.75 0.00	36.75 0.64 0.00
NEG NORTH_KES_CHATEGAY 23792	36.47 0.41 0.00	38.74 0.42 0.00	35.40 0.41 0.00	34.02 0.40 0.00	32.20 0.36 0.00	43.54 0.29 0.00	79.56 1.06 0.00	63.30 0.89 0.00	64.09 1.29 0.00	52.77 1.32 0.00	47.59 1.48 0.00	39.73 1.12 0.00	44.49 1.11 0.00	46.98 1.07 0.00	50.52 1.03 0.00	54.33 1.23 0.00	51.87 0.75 0.00	75.16 2.09 0.00	55.68 1.47 0.00	68.49 1.98 0.00	51.03 1.29 0.00	59.46 1.37 0.00	36.89 0.63 0.00	36.64 0.52 0.00
NEG NORTH___ALICE_FALLS 23915	36.75 0.69 0.00	39.01 0.69 0.00	35.65 0.66 0.00	34.25 0.64 0.00	32.43 0.60 0.00	43.87 0.62 0.00	80.24 1.73 0.00	63.84 1.43 0.00	64.71 1.91 0.00	53.23 1.78 0.00	47.98 1.87 0.00	40.05 1.44 0.00	44.87 1.48 0.00	47.39 1.48 0.00	50.96 1.47 0.00	54.80 1.70 0.00	52.34 1.22 0.00	75.88 2.81 0.00	56.22 2.01 0.00	69.13 2.63 0.00	51.48 1.73 0.00	59.91 1.81 0.00	37.20 0.93 0.00	36.91 0.80 0.00
NEG NORTH___LWR_SARANAC 23913	36.75 0.69 0.00	39.01 0.69 0.00	35.65 0.66 0.00	34.25 0.64 0.00	32.43 0.60 0.00	43.87 0.62 0.00	80.24 1.73 0.00	63.84 1.43 0.00	64.71 1.91 0.00	53.23 1.78 0.00	47.98 1.87 0.00	40.05 1.44 0.00	44.87 1.48 0.00	47.39 1.48 0.00	50.96 1.47 0.00	54.80 1.70 0.00	52.34 1.22 0.00	75.88 2.81 0.00	56.22 2.01 0.00	69.13 2.63 0.00	51.48 1.73 0.00	59.91 1.81 0.00	37.20 0.93 0.00	36.91 0.80 0.00
NEG NORTH___PLATTSBURG 23628	36.75 0.69 0.00	39.01 0.69 0.00	35.65 0.66 0.00	34.25 0.64 0.00	32.43 0.60 0.00	43.87 0.62 0.00	80.24 1.73 0.00	63.84 1.43 0.00	64.71 1.91 0.00	53.23 1.78 0.00	47.98 1.87 0.00	40.05 1.44 0.00	44.86 1.48 0.00	47.39 1.48 0.00	50.96 1.47 0.00	54.79 1.70 0.00	52.33 1.22 0.00	75.88 2.81 0.00	56.22 2.01 0.00	69.13 2.63 0.00	51.47 1.73 0.00	59.91 1.81 0.00	37.20 0.93 0.00	36.91 0.80 0.00
NEG WEST_LEA_LOCKPORT 23791	33.56 -2.51 0.00	35.19 -3.13 0.00	31.94 -3.05 0.00	30.62 -2.99 0.00	29.11 -2.72 0.00	39.26 -3.99 0.00	69.97 -8.54 0.00	47.90 -7.43 7.07	56.18 -6.62 0.00	44.54 -5.68 1.23	41.27 -4.85 0.00	26.32 -4.00 8.29	38.46 -4.88 0.04	41.23 -4.68 0.00	42.92 -5.16 1.42	46.26 -6.39 0.44	41.91 -6.58 2.62	60.96 -9.02 3.10	46.46 -7.01 0.74	54.29 -8.68 3.53	41.91 -6.52 1.32	39.13 -7.35 11.62	32.30 -3.97 0.00	32.91 -3.21 0.00
NEG WEST___LANCASTR 23811	33.88 -2.18 0.00	35.63 -2.68 0.00	32.32 -2.67 0.00	31.02 -2.60 0.00	29.47 -2.36 0.00	39.99 -3.26 0.00	71.77 -6.74 0.00	47.07 -6.09 9.25	57.37 -5.43 0.00	44.88 -4.96 1.61	41.81 -4.30 0.00	23.80 -3.67 11.14	39.08 -4.26 0.05	41.95 -3.96 0.00	43.17 -4.47 1.85	47.14 -5.38 0.58	42.19 -5.50 3.43	61.63 -7.39 4.05	47.41 -5.84 0.97	54.63 -7.25 4.62	42.54 -5.48 1.73	36.61 -6.24 15.25	32.75 -3.51 0.00	33.17 -2.94 0.00
NEG_PENN_ALLEGHNY 23528	35.94 -0.12 0.00	38.16 -0.15 0.00	34.80 -0.19 0.00	33.45 -0.16 0.00	31.68 -0.15 0.00	43.22 -0.03 0.00	78.30 -0.21 0.00	60.07 -0.43 1.90	62.42 -0.38 0.00	50.49 -0.67 0.29	45.47 -0.64 0.00	33.84 -0.64 4.14	42.78 -0.60 0.01	45.56 -0.35 0.00	48.70 -0.45 0.34	52.33 -0.66 0.11	49.90 -0.58 0.63	71.52 -0.81 0.75	53.42 -0.61 0.18	64.71 -0.91 0.89	48.54 -0.63 0.57	52.17 -0.84 5.09	35.83 -0.43 0.00	35.74 -0.38 0.00
NEG___GEN_MONROE 24207	34.83 -1.24 0.00	36.66 -1.66 0.00	33.35 -1.64 0.00	31.99 -1.63 0.00	30.37 -1.46 0.00	41.23 -2.03 0.00	74.32 -4.19 0.00	54.46 -3.65 4.30	59.73 -3.07 0.00	47.91 -2.79 0.75	43.74 -2.38 0.00	31.43 -2.04 5.15	41.04 -2.33 0.02	43.78 -2.13 0.00	46.37 -2.28 0.84	49.82 -3.01 0.26	46.50 -3.06 1.55	67.19 -4.05 1.84	50.54 -3.24 0.44	60.30 -4.12 2.09	45.82 -3.14 0.78	47.54 -3.68 6.88	34.26 -2.01 0.00	34.51 -1.60 0.00
NEPA___ENERGY 23901	33.97 -2.10 0.00	35.85 -2.46 0.00	32.47 -2.52 0.00	31.16 -2.46 0.00	29.56 -2.27 0.00	40.30 -2.95 0.00	72.38 -6.13 0.00	46.85 -5.98 9.58	57.46 -5.33 0.00	44.57 -5.31 1.57	41.49 -4.63 0.00	23.51 -4.15 10.96	38.89 -4.45 0.05	41.96 -3.95 0.00	43.12 -4.56 1.81	47.05 -5.48 0.56	42.26 -5.50 3.36	61.66 -7.45 3.97	47.60 -5.67 0.95	54.66 -7.33 4.52	42.52 -5.53 1.69	36.55 -6.62 14.93	32.76 -3.50 0.00	33.16 -2.96 0.00

NEVERSINK___HYD 23608	37.38 1.31 0.00	39.62 1.31 0.00	36.12 1.13 0.00	34.71 1.09 0.00	32.87 1.04 0.00	45.02 1.77 0.00	81.50 2.99 0.00	64.81 2.41 0.00	64.93 2.13 0.00	53.04 1.59 0.00	47.29 1.17 0.00	39.47 0.86 0.00	44.48 1.10 0.00	47.20 1.29 0.00	49.83 0.34 0.00	53.45 0.35 0.00	51.72 0.60 0.00	73.99 0.92 0.00	54.85 0.64 0.00	67.15 0.65 0.00	50.34 0.60 0.00	58.80 0.71 0.00	37.51 1.24 0.00	37.17 1.06 0.00
NEWKRMKL_115KV_TB1 55635	36.46 0.40 0.00	38.82 0.50 0.00	35.53 0.54 0.00	34.14 0.52 0.00	32.37 0.53 0.00	44.04 0.79 0.00	79.52 1.01 0.00	63.14 0.73 0.00	63.49 0.70 0.00	52.22 0.76 0.00	46.83 0.72 0.00	39.28 0.67 0.00	44.03 0.65 0.00	46.55 0.64 0.00	50.48 0.99 0.00	54.06 0.96 0.00	52.13 1.01 0.00	74.12 1.05 0.00	55.23 1.02 0.00	67.63 1.12 0.00	50.75 1.01 0.00	59.20 1.10 0.00	36.90 0.64 0.00	36.75 0.64 0.00
NEWTON___FALLS_HYD 23847	36.78 0.71 0.00	39.07 0.75 0.00	35.66 0.67 0.00	34.23 0.61 0.00	32.41 0.58 0.00	43.79 0.53 0.00	80.77 2.25 0.00	64.33 1.93 0.00	64.57 1.77 0.00	52.74 1.29 0.00	47.01 0.89 0.00	39.50 0.89 0.00	44.48 1.10 0.00	46.82 0.91 0.00	50.36 0.87 0.00	53.83 0.73 0.00	51.39 0.27 0.00	74.13 1.06 0.00	54.91 0.70 0.00	67.86 1.35 0.00	50.40 0.65 0.00	59.05 0.96 0.00	36.92 0.65 0.00	36.60 0.49 0.00
NGRID_A1_DSASP 323792	32.26 -3.81 0.00	34.25 -4.07 0.00	31.09 -3.91 0.00	29.80 -3.81 0.00	28.31 -3.52 0.00	38.20 -5.06 0.00	68.06 -10.45 0.00	46.34 -8.72 7.34	54.31 -8.48 0.00	42.98 -7.20 1.28	39.76 -6.36 0.00	25.23 -4.71 8.68	37.18 -6.16 0.04	39.70 -6.21 0.00	41.29 -6.73 1.47	44.72 -7.92 0.46	40.45 -7.94 2.73	58.68 -11.17 3.22	44.63 -8.81 0.77	52.11 -10.72 3.67	40.27 -8.10 1.37	37.50 -8.52 12.08	31.27 -4.99 0.00	31.96 -4.15 0.00
NGRID_A2_DSASP 323793	32.26 -3.81 0.00	34.25 -4.07 0.00	31.09 -3.91 0.00	29.80 -3.81 0.00	28.31 -3.52 0.00	38.20 -5.06 0.00	68.06 -10.45 0.00	46.34 -8.72 7.34	54.31 -8.48 0.00	42.98 -7.20 1.28	39.76 -6.36 0.00	25.23 -4.71 8.68	37.18 -6.16 0.04	39.70 -6.21 0.00	41.29 -6.73 1.47	44.72 -7.92 0.46	40.45 -7.94 2.73	58.68 -11.17 3.22	44.63 -8.81 0.77	52.11 -10.72 3.67	40.27 -8.10 1.37	37.50 -8.52 12.08	31.27 -4.99 0.00	31.96 -4.15 0.00
NGRID_A4_DSASP 323807	32.26 -3.81 0.00	34.25 -4.07 0.00	31.09 -3.91 0.00	29.80 -3.81 0.00	28.31 -3.52 0.00	38.20 -5.06 0.00	68.06 -10.45 0.00	46.34 -8.72 7.34	54.31 -8.48 0.00	42.98 -7.20 1.28	39.76 -6.36 0.00	25.23 -4.71 8.68	37.18 -6.16 0.04	39.70 -6.21 0.00	41.29 -6.73 1.47	44.72 -7.92 0.46	40.45 -7.94 2.73	58.68 -11.17 3.22	44.63 -8.81 0.77	52.11 -10.72 3.67	40.27 -8.10 1.37	37.50 -8.52 12.08	31.27 -4.99 0.00	31.96 -4.15 0.00
NIAGARA_115E_LBMP 323715	33.14 -2.92 0.00	34.73 -3.59 0.00	31.54 -3.46 0.00	30.24 -3.38 0.00	28.75 -3.08 0.00	38.66 -4.59 0.00	68.65 -9.86 0.00	46.66 -8.51 7.23	55.20 -7.60 0.00	43.76 -6.43 1.26	40.68 -5.44 0.00	25.60 -4.47 8.54	37.83 -5.51 0.04	40.55 -5.36 0.00	42.17 -5.87 1.45	45.48 -7.17 0.45	41.04 -7.39 2.68	59.67 -10.24 3.17	45.56 -7.90 0.75	53.14 -9.75 3.61	41.10 -7.29 1.35	37.97 -8.24 11.89	31.86 -4.41 0.00	32.54 -3.57 0.00
NIAGARA_115W_LBMP 323714	32.11 -3.95 0.00	34.13 -4.19 0.00	30.99 -4.00 0.00	29.71 -3.90 0.00	28.23 -3.61 0.00	38.07 -5.18 0.00	67.83 -10.68 0.00	46.17 -8.89 7.34	54.09 -8.71 0.00	42.75 -7.42 1.28	39.57 -6.54 0.00	25.08 -4.86 8.68	37.01 -6.34 0.04	39.51 -6.40 0.00	41.11 -6.92 1.47	44.50 -8.13 0.46	40.27 -8.12 2.73	58.35 -11.51 3.22	44.42 -9.02 0.77	51.82 -11.02 3.67	40.09 -8.29 1.37	37.31 -8.71 12.08	31.15 -5.12 0.00	31.87 -4.25 0.00
NIAGARA_230_LBMP 323716	33.29 -2.77 0.00	34.94 -3.38 0.00	31.73 -3.26 0.00	30.42 -3.19 0.00	28.91 -2.93 0.00	39.02 -4.23 0.00	69.61 -8.90 0.00	47.78 -7.73 6.90	55.93 -6.87 0.00	44.30 -5.95 1.20	41.07 -5.04 0.00	26.17 -4.28 8.16	38.34 -5.01 0.04	41.02 -4.89 0.00	42.71 -5.40 1.38	46.06 -6.60 0.43	41.81 -6.75 2.56	60.78 -9.27 3.02	46.31 -7.18 0.72	54.20 -8.86 3.45	41.82 -6.64 1.28	39.21 -7.55 11.33	32.13 -4.13 0.00	32.71 -3.40 0.00
NIAGARA___115KV_198_GIBSON 55903	32.11 -3.95 0.00	34.13 -4.19 0.00	30.99 -4.00 0.00	29.70 -3.91 0.00	28.22 -3.61 0.00	38.06 -5.19 0.00	67.83 -10.68 0.00	46.20 -8.87 7.34	54.08 -8.71 0.00	42.79 -7.39 1.28	39.57 -6.54 0.00	25.14 -4.79 8.68	37.02 -6.33 0.04	39.51 -6.40 0.00	41.11 -6.91 1.47	44.54 -8.09 0.46	40.29 -8.10 2.73	58.43 -11.42 3.22	44.42 -9.02 0.77	51.88 -10.96 3.67	40.09 -8.29 1.37	37.36 -8.66 12.08	31.16 -5.11 0.00	31.86 -4.25 0.00
NIAGARA____ 23760	33.29 -2.77 0.00	34.94 -3.38 0.00	31.73 -3.26 0.00	30.42 -3.19 0.00	28.91 -2.93 0.00	39.02 -4.23 0.00	69.61 -8.90 0.00	47.66 -7.73 7.02	55.93 -6.87 0.00	44.29 -5.95 1.22	41.07 -5.04 0.00	26.08 -4.28 8.26	38.33 -5.01 0.04	41.02 -4.89 0.00	42.70 -5.40 1.40	46.06 -6.60 0.44	41.76 -6.75 2.61	60.72 -9.27 3.09	46.30 -7.18 0.73	54.13 -8.86 3.52	41.79 -6.64 1.31	39.02 -7.55 11.52	32.13 -4.13 0.00	32.71 -3.40 0.00
NINE_MILE_1 23575	34.61 -1.46 0.00	36.73 -1.58 0.00	33.54 -1.45 0.00	32.23 -1.39 0.00	30.52 -1.31 0.00	41.48 -1.77 0.00	75.17 -3.34 0.00	59.73 -2.67 0.00	60.14 -2.66 0.00	49.19 -2.27 0.00	44.09 -2.03 0.00	36.93 -1.68 0.00	41.51 -1.87 0.00	43.98 -1.93 0.00	47.43 -2.07 0.00	50.75 -2.34 0.00	48.89 -2.22 0.00	69.84 -3.23 0.00	51.83 -2.38 0.00	63.52 -2.99 0.00	47.52 -2.22 0.00	55.46 -2.64 0.00	34.67 -1.60 0.00	34.56 -1.55 0.00
NINE_MILE_2 23744	34.61 -1.46 0.00	36.73 -1.58 0.00	33.54 -1.45 0.00	32.23 -1.39 0.00	30.52 -1.31 0.00	41.48 -1.77 0.00	75.17 -3.33 0.00	59.73 -2.67 0.00	60.14 -2.66 0.00	49.19 -2.27 0.00	44.09 -2.03 0.00	36.94 -1.68 0.00	41.52 -1.87 0.00	43.98 -1.93 0.00	47.43 -2.06 0.00	50.75 -2.34 0.00	48.89 -2.22 0.00	69.84 -3.23 0.00	51.84 -2.37 0.00	63.52 -2.99 0.00	47.52 -2.22 0.00	55.46 -2.64 0.00	34.67 -1.60 0.00	34.57 -1.55 0.00
NM_CAPITAL___DRP 24208	36.45 0.39 0.00	38.81 0.50 0.00	35.53 0.53 0.00	34.13 0.52 0.00	32.39 0.56 0.00	44.05 0.80 0.00	79.48 0.97 0.00	63.12 0.72 0.00	63.45 0.65 0.00	52.21 0.75 0.00	46.85 0.73 0.00	39.28 0.67 0.00	44.02 0.63 0.00	46.51 0.60 0.00	50.46 0.97 0.00	54.03 0.93 0.00	52.09 0.98 0.00	74.02 0.95 0.00	55.22 1.01 0.00	67.60 1.10 0.00	50.75 1.01 0.00	59.19 1.09 0.00	36.91 0.65 0.00	36.77 0.65 0.00
NM_CENTRAL___DRP 24181	35.25 -0.82 0.00	37.40 -0.92 0.00	34.13 -0.86 0.00	32.79 -0.83 0.00	31.07 -0.76 0.00	42.27 -0.98 0.00	76.57 -1.94 0.00	60.78 -1.62 0.00	61.22 -1.58 0.00	50.02 -1.43 0.00	44.83 -1.29 0.00	37.54 -1.07 0.00	42.25 -1.14 0.00	44.81 -1.10 0.00	48.31 -1.18 0.00	51.66 -1.44 0.00	49.77 -1.34 0.00	71.11 -1.96 0.00	52.75 -1.46 0.00	64.62 -1.89 0.00	48.32 -1.42 0.00	56.39 -1.71 0.00	35.23 -1.04 0.00	35.11 -1.00 0.00

NM_FRONTIER___DRP 24179	32.11 -3.95 0.00	34.13 -4.19 0.00	30.99 -4.00 0.00	29.70 -3.91 0.00	28.22 -3.61 0.00	38.06 -5.19 0.00	67.83 -10.68 0.00	46.20 -8.87 7.34	54.08 -8.71 0.00	42.79 -7.39 1.28	39.57 -6.54 0.00	25.14 -4.79 8.68	37.02 -6.33 0.04	39.51 -6.40 0.00	41.11 -6.91 1.47	44.54 -8.09 0.46	40.29 -8.10 2.73	58.43 -11.42 3.22	44.42 -9.02 0.77	51.88 -10.96 3.67	40.09 -8.29 1.37	37.36 -8.66 12.08	31.16 -5.11 0.00	31.86 -4.25 0.00
NM_ST_REGIS___HYD 24053	37.22 1.16 0.00	39.52 1.21 0.00	36.07 1.08 0.00	34.65 1.03 0.00	32.81 0.98 0.00	44.36 1.11 0.00	81.40 2.89 0.00	64.82 2.41 0.00	65.53 2.73 0.00	53.82 2.37 0.00	48.29 2.17 0.00	40.33 1.72 0.00	45.28 1.90 0.00	47.78 1.87 0.00	51.38 1.89 0.00	55.21 2.11 0.00	52.67 1.55 0.00	76.09 3.02 0.00	56.05 1.84 0.00	69.03 2.53 0.00	51.59 1.85 0.00	60.39 2.29 0.00	37.62 1.35 0.00	37.40 1.29 0.00
NORTHPORT___1 23551	37.98 1.91 0.00	40.21 1.90 0.00	36.50 1.51 0.00	35.17 1.55 0.00	33.25 1.42 0.00	45.82 2.57 0.00	82.19 3.68 0.00	65.96 3.55 0.00	65.96 3.17 0.00	53.74 2.28 0.00	57.38 1.92 -9.34	40.09 1.47 0.00	45.29 1.90 0.00	48.25 2.34 0.00	51.93 2.44 0.00	57.17 2.56 -1.52	109.62 3.29 -55.21	103.01 4.51 -25.42	57.17 2.96 0.00	77.45 4.05 -6.90	55.29 3.25 -2.30	61.31 3.21 0.00	39.82 2.05 -1.50	37.65 1.53 0.00
NORTHPORT___2 23552	37.98 1.91 0.00	40.21 1.90 0.00	36.50 1.51 0.00	35.17 1.55 0.00	33.25 1.42 0.00	45.82 2.57 0.00	82.19 3.68 0.00	65.96 3.55 0.00	65.96 3.17 0.00	53.74 2.28 0.00	57.38 1.92 -9.34	40.09 1.47 0.00	45.29 1.90 0.00	48.25 2.34 0.00	51.93 2.44 0.00	57.17 2.56 -1.52	109.62 3.29 -55.21	103.01 4.51 -25.42	57.17 2.96 0.00	77.45 4.05 -6.90	55.29 3.25 -2.30	61.31 3.21 0.00	39.82 2.05 -1.50	37.65 1.53 0.00
NORTHPORT___3 23553	37.80 1.73 0.00	39.91 1.60 0.00	36.25 1.25 0.00	34.73 1.12 0.00	32.73 0.90 0.00	44.95 1.70 0.00	80.81 2.30 0.00	64.74 2.34 0.00	64.65 1.85 0.00	52.86 1.40 0.00	56.72 1.26 -9.34	39.73 1.12 0.00	44.63 1.24 0.00	47.55 1.64 0.00	51.18 1.69 0.00	56.40 1.76 -1.54	109.62 2.34 -56.17	102.24 3.30 -25.86	56.35 2.13 0.00	76.38 2.85 -7.02	54.68 2.59 -2.34	61.08 2.98 0.00	39.39 1.62 -1.51	37.51 1.40 0.00
NORTHPORT___4 23650	37.80 1.73 0.00	39.91 1.60 0.00	36.25 1.25 0.00	34.73 1.12 0.00	32.73 0.90 0.00	44.95 1.70 0.00	80.81 2.30 0.00	64.74 2.34 0.00	64.65 1.85 0.00	52.86 1.40 0.00	56.72 1.26 -9.34	39.73 1.12 0.00	44.63 1.24 0.00	47.55 1.64 0.00	51.18 1.69 0.00	56.40 1.76 -1.54	109.62 2.34 -56.17	102.24 3.30 -25.86	56.35 2.13 0.00	76.38 2.85 -7.02	54.68 2.59 -2.34	61.08 2.98 0.00	39.39 1.62 -1.51	37.51 1.40 0.00
NORTHPORT___IC 23718	37.98 1.92 0.00	40.21 1.90 0.00	36.50 1.50 0.00	35.17 1.56 0.00	33.25 1.42 0.00	45.82 2.57 0.00	82.19 3.68 0.00	65.96 3.56 0.00	65.96 3.16 0.00	53.74 2.28 0.00	57.38 1.92 -9.34	40.08 1.46 0.00	45.29 1.90 0.00	48.25 2.34 0.00	51.93 2.44 0.00	57.17 2.56 -1.52	109.62 3.29 -55.21	103.01 4.51 -25.42	57.19 2.98 0.00	77.45 4.04 -6.90	55.29 3.24 -2.30	61.30 3.21 0.00	39.82 2.05 -1.50	37.65 1.53 0.00
NORTH___COUNTRY_ESR 323785	36.40 0.34 0.00	38.66 0.34 0.00	35.34 0.34 0.00	33.95 0.33 0.00	32.14 0.30 0.00	43.45 0.19 0.00	79.37 0.86 0.00	63.11 0.71 0.00	63.95 1.15 0.00	52.67 1.22 0.00	47.48 1.36 0.00	39.65 1.04 0.00	44.44 1.05 0.00	46.88 0.97 0.00	50.38 0.89 0.00	54.20 1.11 0.00	51.74 0.62 0.00	74.93 1.85 0.00	55.51 1.30 0.00	68.29 1.78 0.00	50.89 1.15 0.00	59.30 1.20 0.00	36.81 0.55 0.00	36.56 0.45 0.00
NPX_GEN_1385_PROXY 323591	37.73 1.67 0.00	40.05 1.74 0.00	36.23 1.23 0.00	35.04 1.42 0.00	33.14 1.31 0.00	44.42 2.69 1.53	86.10 3.39 -4.20	66.12 3.71 0.00	66.27 3.57 0.09	53.70 2.24 0.00	57.34 1.88 -9.34	39.83 1.21 0.00	45.24 1.85 0.00	48.07 2.16 0.00	51.72 2.22 0.00	57.13 2.52 -1.52	109.72 3.39 -55.21	31.84 3.93 45.16	57.41 3.20 0.00	77.85 4.44 -6.90	55.64 3.60 -2.30	61.05 2.95 0.00	39.59 1.82 -1.50	37.28 1.39 0.22
NPX_GEN_CSC 323557	37.81 1.75 0.00	40.20 1.89 0.00	36.39 1.40 0.00	35.31 1.69 0.00	33.28 1.45 0.00	44.66 2.93 1.53	87.09 4.39 -4.20	66.55 4.14 0.00	66.36 3.65 0.09	53.71 2.25 0.00	57.10 1.64 -9.34	39.77 1.15 0.00	44.90 1.51 0.00	48.29 2.38 0.00	52.03 2.54 0.00	57.00 2.37 -1.54	110.77 3.71 -55.94	103.87 5.04 -25.76	56.14 1.92 0.00	77.21 3.71 -7.00	54.99 2.92 -2.33	60.52 2.42 0.00	40.04 2.26 -1.52	37.59 1.71 0.22
NSINS_S_GLNS_FALLS 23858	37.17 1.10 0.00	39.63 1.32 0.00	36.35 1.35 0.00	34.90 1.28 0.00	33.23 1.39 0.00	45.19 1.94 0.00	81.91 3.40 0.00	65.07 2.66 0.00	65.21 2.42 0.00	53.74 2.28 0.00	48.19 2.07 0.00	40.30 1.69 0.00	45.18 1.80 0.00	47.72 1.81 0.00	51.97 2.48 0.00	55.63 2.53 0.00	53.67 2.55 0.00	76.01 2.94 0.00	56.98 2.77 0.00	69.65 3.14 0.00	52.27 2.53 0.00	60.66 2.57 0.00	37.81 1.55 0.00	37.58 1.47 0.00
NUCOR_STEEL___DRP 24197	35.74 -0.32 0.00	37.87 -0.45 0.00	34.56 -0.44 0.00	33.08 -0.54 0.00	31.33 -0.50 0.00	42.66 -0.59 0.00	77.34 -1.17 0.00	64.49 -1.07 -3.16	61.76 -1.04 0.00	50.91 -1.08 -0.54	45.11 -1.01 0.00	42.43 -0.87 -4.69	42.51 -0.90 -0.02	45.11 -0.80 0.00	49.50 -0.88 -0.90	52.30 -1.08 -0.28	51.79 -0.98 -1.66	73.65 -1.38 -1.96	53.66 -1.02 -0.47	67.32 -1.39 -2.21	49.54 -0.89 -0.69	62.91 -1.27 -6.09	35.50 -0.77 0.00	35.52 -0.59 0.00
NUMBER_THREE_WT_PWR 323818	36.52 0.46 0.00	38.87 0.55 0.00	35.43 0.43 0.00	34.00 0.39 0.00	32.19 0.36 0.00	43.63 0.37 0.00	80.94 2.43 0.00	64.45 2.05 0.00	64.20 1.40 0.00	52.13 0.67 0.00	46.15 0.03 0.00	38.98 0.37 0.00	44.02 0.64 0.00	46.31 0.40 0.00	49.81 0.32 0.00	52.92 -0.18 0.00	50.50 -0.62 0.00	72.81 -0.26 0.00	54.41 0.20 0.00	67.43 0.92 0.00	49.69 -0.06 0.00	58.08 -0.02 0.00	36.45 0.18 0.00	36.03 -0.08 0.00
NYISO_LBMP_REFERENCE 24008	36.06 0.00 0.00	38.32 0.00 0.00	34.99 0.00 0.00	33.62 0.00 0.00	31.84 0.00 0.00	43.25 0.00 0.00	78.51 0.00 0.00	62.40 0.00 0.00	62.80 0.00 0.00	51.45 0.00 0.00	46.12 0.00 0.00	38.61 0.00 0.00	43.39 0.00 0.00	45.91 0.00 0.00	49.49 0.00 0.00	53.09 0.00 0.00	51.12 0.00 0.00	73.07 0.00 0.00	54.21 0.00 0.00	66.51 0.00 0.00	49.74 0.00 0.00	58.10 0.00 0.00	36.26 0.00 0.00	36.11 0.00 0.00
NYPA_BRENTWD____GT 24164	38.26 2.20 0.00	40.45 2.13 0.00	36.72 1.72 0.00	35.34 1.73 0.00	33.45 1.61 0.00	46.08 2.83 0.00	82.82 4.31 0.00	66.41 4.01 0.00	66.39 3.59 0.00	54.14 2.68 0.00	57.73 2.27 -9.34	40.36 1.74 0.00	45.56 2.18 0.00	48.56 2.65 0.00	52.27 2.78 0.00	57.65 2.97 -1.59	112.58 3.68 -57.79	104.93 5.25 -26.61	57.67 3.46 0.00	78.37 4.64 -7.23	55.82 3.67 -2.41	61.78 3.69 0.00	40.22 2.39 -1.57	38.01 1.89 0.00

NYPA_GOWANUS____GT5 24156	38.14	40.41	36.78	35.35	33.49	45.83	82.43	65.67	65.67	53.85	57.71	40.63	45.78	48.69	52.34	55.83	54.11	77.31	57.28	70.05	52.76	61.71	38.57	38.15
	2.08	2.09	1.79	1.73	1.66	2.58	3.92	3.26	2.87	2.40	2.18	2.01	2.39	2.79	2.85	2.74	3.00	4.24	3.07	3.54	3.02	3.62	2.30	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_GOWANUS____GT6 24157	38.14	40.41	36.78	35.35	33.49	45.83	82.43	65.67	65.67	53.85	57.71	40.63	45.78	48.69	52.34	55.83	54.11	77.31	57.28	70.05	52.76	61.71	38.57	38.15
	2.08	2.09	1.79	1.73	1.66	2.58	3.92	3.26	2.87	2.40	2.18	2.01	2.39	2.79	2.85	2.74	3.00	4.24	3.07	3.54	3.02	3.62	2.30	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	37.99	40.26	36.68	35.22	33.39	45.71	82.45	65.67	65.71	53.83	57.72	40.59	45.70	48.62	52.32	55.80	54.10	77.21	57.20	69.99	52.68	61.55	38.45	38.05
	1.93	1.94	1.69	1.61	1.56	2.46	3.94	3.27	2.91	2.38	2.19	1.97	2.32	2.71	2.83	2.70	2.99	4.14	2.99	3.48	2.94	3.46	2.18	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	37.99	40.26	36.68	35.22	33.39	45.71	82.45	65.67	65.71	53.83	57.72	40.59	45.70	48.62	52.32	55.80	54.10	77.21	57.20	69.99	52.68	61.55	38.45	38.05
	1.93	1.94	1.69	1.61	1.56	2.46	3.94	3.27	2.91	2.38	2.19	1.97	2.32	2.71	2.83	2.70	2.99	4.14	2.99	3.48	2.94	3.46	2.18	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_KENT____GT 24152	38.10	40.37	36.74	35.29	33.46	45.78	82.35	65.59	65.62	53.80	57.67	40.58	45.74	48.65	52.30	55.77	54.06	77.22	57.22	69.98	52.67	61.59	38.49	38.09
	2.04	2.05	1.74	1.68	1.62	2.53	3.84	3.19	2.82	2.34	2.14	1.97	2.35	2.74	2.81	2.67	2.95	4.15	3.01	3.47	2.93	3.49	2.23	1.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	38.19	40.48	36.85	35.41	33.56	45.89	82.33	65.59	65.49	53.71	57.57	40.54	45.68	48.59	52.19	55.66	54.01	77.15	57.19	69.94	52.70	61.61	38.55	38.15
	2.13	2.17	1.86	1.80	1.72	2.64	3.82	3.18	2.70	2.26	2.05	1.93	2.29	2.68	2.70	2.57	2.90	4.08	2.98	3.43	2.95	3.51	2.28	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT2 24162	38.06	40.32	36.69	35.26	33.41	45.73	82.28	65.51	65.55	53.74	57.61	40.55	45.69	48.61	52.26	55.73	54.00	77.11	57.14	69.85	52.57	61.45	38.41	38.02
	2.00	2.00	1.70	1.64	1.58	2.48	3.77	3.11	2.75	2.29	2.08	1.93	2.31	2.70	2.77	2.64	2.88	4.04	2.93	3.35	2.83	3.35	2.15	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	38.06	40.32	36.69	35.26	33.41	45.73	82.28	65.51	65.55	53.74	57.61	40.55	45.69	48.61	52.26	55.73	54.00	77.11	57.14	69.85	52.57	61.45	38.41	38.02
	2.00	2.00	1.70	1.64	1.58	2.48	3.77	3.11	2.75	2.29	2.08	1.93	2.31	2.70	2.77	2.64	2.88	4.04	2.93	3.35	2.83	3.35	2.15	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	38.03	40.30	36.67	35.24	33.40	45.69	82.21	65.46	65.49	53.72	57.59	40.52	45.65	48.56	52.21	55.68	53.96	77.05	57.10	69.80	52.53	61.40	38.38	37.98
	1.97	1.98	1.68	1.62	1.57	2.44	3.70	3.06	2.69	2.27	2.06	1.90	2.27	2.65	2.72	2.59	2.84	3.98	2.89	3.30	2.79	3.30	2.11	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	38.03	40.30	36.67	35.24	33.40	45.69	82.21	65.46	65.49	53.72	57.59	40.52	45.65	48.56	52.21	55.68	53.96	77.05	57.10	69.80	52.53	61.40	38.38	37.98
	1.97	1.98	1.68	1.62	1.57	2.44	3.70	3.06	2.69	2.27	2.06	1.90	2.27	2.65	2.72	2.59	2.84	3.98	2.89	3.30	2.79	3.30	2.11	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	37.88	40.11	36.41	35.13	33.21	45.78	82.15	65.91	65.86	53.62	57.16	39.89	45.03	48.11	51.80	56.97	110.17	103.28	56.77	77.23	55.06	60.98	39.91	37.78
	1.81	1.80	1.42	1.51	1.38	2.53	3.64	3.51	3.06	2.16	1.70	1.28	1.65	2.20	2.31	2.34	3.24	4.51	2.56	3.75	2.99	2.88	2.13	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.34	0.00	0.00	0.00	0.00	-1.53	-55.81	-25.70	0.00	-6.98	-2.33	0.00	-1.51	0.00
NYPA____HELLGATE_GT1 24158	37.99	40.26	36.68	35.22	33.39	45.71	82.45	65.67	65.71	53.83	57.72	40.59	45.70	48.62	52.32	55.78	54.06	77.21	57.23	70.04	52.70	61.55	38.45	38.05
	1.93	1.94	1.69	1.61	1.56	2.46	3.94	3.27	2.91	2.38	2.19	1.97	2.32	2.71	2.83	2.69	2.95	4.14	3.02	3.53	2.96	3.46	2.18	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	37.99	40.26	36.68	35.22	33.39	45.71	82.45	65.67	65.71	53.83	57.72	40.59	45.70	48.62	52.32	55.78	54.06	77.21	57.23	70.04	52.70	61.55	38.45	38.05
	1.93	1.94	1.69	1.61	1.56	2.46	3.94	3.27	2.91	2.38	2.19	1.97	2.32	2.71	2.83	2.69	2.95	4.14	3.02	3.53	2.96	3.46	2.18	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	33.57	35.22	31.96	30.65	29.13	39.28	69.95	48.06	56.21	44.56	41.32	26.51	38.50	41.28	43.01	46.36	42.04	61.09	46.52	54.42	41.98	39.44	32.33	32.96
	-2.49	-3.10	-3.03	-2.97	-2.70	-3.97	-8.55	-7.43	-6.58	-5.69	-4.80	-3.97	-4.85	-4.63	-5.10	-6.31	-6.52	-8.95	-6.97	-8.63	-6.47	-7.31	-3.94	-3.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.91	0.00	1.20	0.00	8.14	0.04	0.00	1.38	0.43	2.56	3.03	0.72	3.45	1.28	11.34	0.00	0.00
OAK ORCHARD____HYD 24046	34.67	36.51	33.23	31.88	30.27	41.08	74.10	54.40	59.53	47.79	43.65	31.45	40.93	43.65	46.22	49.70	46.44	67.05	50.44	60.24	45.76	47.65	34.16	34.38
	-1.39	-1.80	-1.76	-1.73	-1.56	-2.17	-4.41	-3.83	-3.27	-2.94	-2.46	-2.15	-2.43	-2.26	-2.45	-3.14	-3.17	-4.23	-3.35	-4.24	-3.23	-3.78	-2.10	-1.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.18	0.00	0.73	0.00	5.01	0.02	0.00	0.81	0.25	1.51	1.78	0.42	2.03	0.75	6.67	0.00	0.00

OAKDALE___35_KV_LOAD 356122	35.82 -0.24 0.00	38.02 -0.30 0.00	34.68 -0.32 0.00	33.33 -0.29 0.00	31.57 -0.26 0.00	43.05 -0.21 0.00	77.95 -0.55 0.00	59.19 -0.70 2.52	62.13 -0.67 0.00	50.17 -0.87 0.41	45.30 -0.81 0.00	32.60 -0.77 5.25	42.61 -0.76 0.01	45.38 -0.53 0.00	48.31 -0.65 0.54	52.07 -0.86 0.17	49.34 -0.79 0.99	70.79 -1.11 1.17	53.09 -0.84 0.28	63.97 -1.17 1.37	48.20 -0.81 0.74	50.58 -1.00 6.51	35.73 -0.53 0.00	35.64 -0.47 0.00
OCC_CHEM___DRP 24175	32.26 -3.81 0.00	34.25 -4.07 0.00	31.09 -3.91 0.00	29.80 -3.81 0.00	28.31 -3.52 0.00	38.20 -5.06 0.00	68.06 -10.45 0.00	46.34 -8.72 7.34	54.31 -8.48 0.00	42.98 -7.20 1.28	39.76 -6.36 0.00	25.23 -4.71 8.68	37.18 -6.16 0.04	39.70 -6.21 0.00	41.29 -6.73 1.47	44.72 -7.92 0.46	40.45 -7.94 2.73	58.68 -11.17 3.22	44.63 -8.81 0.77	52.11 -10.72 3.67	40.27 -8.10 1.37	37.50 -8.52 12.08	31.27 -4.99 0.00	31.96 -4.15 0.00
OH_GEN_PROXY 24063	33.34 -2.72 0.00	35.00 -3.32 0.00	31.78 -3.21 0.00	30.48 -3.14 0.00	28.95 -2.88 0.00	37.60 -4.13 1.53	74.08 -8.63 -4.20	48.03 -7.51 6.87	56.02 -6.68 0.10	44.46 -5.80 1.19	41.18 -4.94 0.00	26.23 -4.22 8.16	38.44 -4.91 0.04	41.14 -4.77 0.00	42.83 -5.29 1.37	46.22 -6.45 0.43	41.99 -6.58 2.54	61.06 -9.01 3.00	46.53 -6.97 0.71	54.46 -8.62 3.42	42.00 -6.46 1.27	39.45 -7.38 11.26	32.22 -4.05 0.00	32.54 -3.35 0.22
OLIN_CORP_DRP 24177	33.18 -2.88 0.00	34.78 -3.54 0.00	31.59 -3.41 0.00	30.28 -3.33 0.00	28.78 -3.05 0.00	38.73 -4.52 0.00	68.82 -9.69 0.00	46.71 -8.36 7.33	55.34 -7.46 0.00	43.89 -6.28 1.28	40.76 -5.36 0.00	25.57 -4.38 8.67	37.92 -5.43 0.04	40.64 -5.27 0.00	42.24 -5.78 1.47	45.53 -7.11 0.46	41.10 -7.30 2.72	59.77 -10.09 3.22	45.66 -7.79 0.77	53.21 -9.63 3.67	41.18 -7.20 1.37	37.92 -8.11 12.06	31.92 -4.35 0.00	32.57 -3.54 0.00
OLIN_CORP_DSASP 323712	32.26 -3.81 0.00	34.25 -4.07 0.00	31.09 -3.91 0.00	29.80 -3.81 0.00	28.31 -3.52 0.00	38.20 -5.06 0.00	68.06 -10.45 0.00	46.34 -8.72 7.34	54.31 -8.48 0.00	42.98 -7.20 1.28	39.76 -6.36 0.00	25.23 -4.71 8.68	37.18 -6.16 0.04	39.70 -6.21 0.00	41.29 -6.73 1.47	44.72 -7.92 0.46	40.45 -7.94 2.73	58.68 -11.17 3.22	44.63 -8.81 0.77	52.11 -10.72 3.67	40.27 -8.10 1.37	37.50 -8.52 12.08	31.27 -4.99 0.00	31.96 -4.15 0.00
ONEIDA_HERK_LFGE 323681	36.65 0.59 0.00	38.98 0.67 0.00	35.57 0.58 0.00	34.17 0.56 0.00	32.37 0.53 0.00	44.03 0.77 0.00	80.70 2.19 0.00	64.15 1.75 0.00	64.25 1.45 0.00	52.35 0.89 0.00	46.69 0.58 0.00	39.27 0.65 0.00	44.22 0.83 0.00	46.75 0.84 0.00	50.39 0.90 0.00	53.77 0.68 0.00	51.61 0.50 0.00	73.95 0.88 0.00	55.06 0.85 0.00	67.75 1.24 0.00	50.36 0.62 0.00	58.76 0.66 0.00	36.76 0.49 0.00	36.45 0.34 0.00
ONEIDA___115KV_TB4 55905	36.68 0.61 0.00	39.04 0.72 0.00	35.65 0.66 0.00	34.26 0.64 0.00	32.46 0.63 0.00	44.30 1.05 0.00	80.70 2.19 0.00	64.04 1.64 0.00	64.34 1.54 0.00	52.45 0.99 0.00	46.96 0.85 0.00	39.39 0.78 0.00	44.35 0.96 -0.01	47.04 1.13 0.00	50.76 1.26 0.00	54.28 1.18 0.00	52.29 1.17 0.00	74.46 1.39 0.00	55.27 1.06 0.00	67.72 1.21 0.00	50.56 0.82 0.00	58.93 0.83 0.00	36.78 0.52 0.00	36.56 0.45 0.00
ONONDAGA_REF_OCCRA 23987	35.52 -0.55 0.00	37.70 -0.62 0.00	34.40 -0.59 0.00	33.05 -0.57 0.00	31.31 -0.52 0.00	42.62 -0.63 0.00	77.26 -1.25 0.00	63.43 -1.08 -2.10	61.76 -1.04 0.00	50.78 -1.04 -0.36	45.16 -0.95 0.00	40.86 -0.80 -3.04	42.60 -0.80 -0.01	45.18 -0.73 0.00	49.22 -0.81 -0.53	52.27 -1.00 -0.17	51.19 -0.91 -0.99	72.94 -1.31 -1.17	53.52 -0.97 -0.28	66.52 -1.30 -1.33	49.21 -0.98 -0.45	60.87 -1.21 -3.98	35.53 -0.73 0.00	35.40 -0.71 0.00
ONONDAGA___COGEN 23986	35.43 -0.63 0.00	37.62 -0.70 0.00	34.33 -0.67 0.00	32.96 -0.65 0.00	31.24 -0.60 0.00	42.51 -0.75 0.00	77.10 -1.41 0.00	61.71 -1.21 -0.52	61.62 -1.18 0.00	50.31 -1.15 0.00	45.06 -1.06 0.00	39.50 -0.88 -1.76	42.49 -0.90 -0.01	45.06 -0.85 0.00	48.91 -0.93 -0.34	52.07 -1.13 -0.11	50.70 -1.05 -0.64	72.30 -1.53 -0.75	53.27 -1.13 -0.18	65.85 -1.50 -0.85	48.90 -1.09 -0.25	58.96 -1.35 -2.21	35.43 -0.84 0.00	35.33 -0.78 0.00
ONTARIO___LFGE 23819	35.20 -0.87 0.00	37.21 -1.11 0.00	33.90 -1.09 0.00	32.53 -1.09 0.00	30.86 -0.97 0.00	42.00 -1.25 0.00	76.11 -2.40 0.00	59.45 -2.07 0.88	60.98 -1.82 0.00	49.51 -1.72 0.23	44.60 -1.51 0.00	37.28 -1.33 0.00	41.96 -1.42 0.00	44.57 -1.34 0.00	48.05 -1.44 0.00	51.25 -1.85 0.00	49.29 -1.83 0.00	70.59 -2.48 0.00	52.27 -1.94 0.00	63.98 -2.53 0.00	47.81 -1.93 0.00	55.72 -2.38 0.00	34.89 -1.37 0.00	34.90 -1.21 0.00
ORANGEVILLE_WT_PWR 323706	33.77 -2.30 0.00	35.50 -2.82 0.00	32.25 -2.74 0.00	30.96 -2.66 0.00	29.38 -2.45 0.00	39.87 -3.38 0.00	71.34 -7.18 0.00	43.66 -6.65 12.10	56.32 -6.48 0.00	43.37 -5.97 2.12	40.73 -5.39 0.00	14.22 -4.85 19.55	37.79 -5.53 0.06	40.83 -5.09 0.00	41.41 -5.59 2.48	45.53 -6.80 0.77	39.67 -6.85 4.60	58.18 -9.46 5.43	45.72 -7.19 1.29	51.42 -8.89 6.19	40.82 -6.62 2.30	30.15 -7.62 20.33	31.90 -4.36 0.00	32.36 -3.76 0.00
ORANGEVILLE___ESR 323794	33.77 -2.30 0.00	35.50 -2.82 0.00	32.25 -2.74 0.00	30.96 -2.66 0.00	29.38 -2.45 0.00	39.87 -3.38 0.00	71.34 -7.18 0.00	43.66 -6.65 12.10	56.32 -6.48 0.00	43.37 -5.97 2.12	40.73 -5.39 0.00	14.22 -4.85 19.55	37.79 -5.53 0.06	40.83 -5.09 0.00	41.41 -5.59 2.48	45.53 -6.80 0.77	39.67 -6.85 4.60	58.18 -9.46 5.43	45.72 -7.19 1.29	51.42 -8.89 6.19	40.82 -6.62 2.30	30.15 -7.62 20.33	31.90 -4.36 0.00	32.36 -3.76 0.00
OSWEGATCHIE___HYD 24044	36.78 0.71 0.00	39.07 0.75 0.00	35.66 0.67 0.00	34.23 0.61 0.00	32.41 0.58 0.00	43.79 0.53 0.00	80.77 2.25 0.00	64.33 1.93 0.00	64.57 1.77 0.00	52.74 1.28 0.00	47.00 0.89 0.00	39.50 0.89 0.00	44.48 1.10 0.00	46.82 0.91 0.00	50.36 0.87 0.00	53.83 0.73 0.00	51.39 0.27 0.00	74.13 1.06 0.00	54.91 0.70 0.00	67.87 1.36 0.00	50.40 0.66 0.00	59.05 0.96 0.00	36.92 0.65 0.00	36.60 0.49 0.00
OSWEGO___5 23606	34.89 -1.17 0.00	37.02 -1.30 0.00	33.80 -1.19 0.00	32.47 -1.15 0.00	30.75 -1.08 0.00	41.82 -1.43 0.00	75.78 -2.73 0.00	60.20 -2.20 0.00	60.62 -2.18 0.00	49.57 -1.88 0.00	44.42 -1.70 0.00	37.21 -1.41 0.00	41.83 -1.55 0.00	44.33 -1.58 0.00	47.78 -1.71 0.00	51.14 -1.96 0.00	49.26 -1.86 0.00	70.41 -2.66 0.00	52.25 -1.96 0.00	64.02 -2.48 0.00	47.88 -1.86 0.00	55.89 -2.21 0.00	34.94 -1.33 0.00	34.82 -1.29 0.00
OSWEGO___6 23613	34.89 -1.17 0.00	37.02 -1.30 0.00	33.80 -1.19 0.00	32.47 -1.15 0.00	30.75 -1.08 0.00	41.82 -1.43 0.00	75.78 -2.73 0.00	60.20 -2.20 0.00	60.62 -2.18 0.00	49.57 -1.88 0.00	44.42 -1.70 0.00	37.21 -1.41 0.00	41.83 -1.55 0.00	44.33 -1.58 0.00	47.78 -1.71 0.00	51.14 -1.96 0.00	49.26 -1.86 0.00	70.41 -2.66 0.00	52.25 -1.96 0.00	64.02 -2.48 0.00	47.88 -1.86 0.00	55.89 -2.21 0.00	34.94 -1.33 0.00	34.82 -1.29 0.00

OUTOKUMPU-AB____DRP 24206	33.42 -2.64 0.00	35.23 -3.09 0.00	31.95 -3.04 0.00	30.64 -2.97 0.00	29.11 -2.72 0.00	39.33 -3.92 0.00	70.16 -8.35 0.00	47.61 -7.21 7.58	56.20 -6.59 0.00	44.45 -5.69 1.32	41.18 -4.94 0.00	25.80 -3.86 8.96	38.46 -4.88 0.04	41.21 -4.70 0.00	42.79 -5.18 1.52	46.30 -6.32 0.47	41.82 -6.48 2.82	60.82 -8.92 3.33	46.39 -7.03 0.79	54.06 -8.64 3.79	41.79 -6.54 1.41	38.45 -7.16 12.49	32.28 -3.98 0.00	32.88 -3.23 0.00
OXBOW____BTM 323836	32.79 -3.27 0.00	34.69 -3.62 0.00	31.48 -3.52 0.00	30.18 -3.44 0.00	28.68 -3.16 0.00	38.71 -4.54 0.00	69.02 -9.49 0.00	46.90 -8.04 7.46	55.20 -7.60 0.00	43.63 -6.53 1.30	40.44 -5.68 0.00	25.43 -4.37 8.82	37.79 -5.56 0.04	40.42 -5.49 0.00	42.00 -5.99 1.50	45.45 -7.18 0.46	41.08 -7.26 2.77	59.65 -10.15 3.28	45.48 -7.95 0.78	53.00 -9.77 3.73	40.99 -7.36 1.39	37.88 -7.93 12.29	31.72 -4.54 0.00	32.38 -3.73 0.00
OXBOW____ 24026	32.79 -3.27 0.00	34.69 -3.63 0.00	31.48 -3.52 0.00	30.18 -3.44 0.00	28.67 -3.16 0.00	38.71 -4.54 0.00	69.02 -9.49 0.00	46.92 -8.02 7.46	55.20 -7.60 0.00	43.66 -6.49 1.30	40.43 -5.68 0.00	25.48 -4.32 8.82	37.79 -5.55 0.04	40.42 -5.49 0.00	42.00 -5.99 1.50	45.47 -7.16 0.46	41.09 -7.25 2.77	59.69 -10.10 3.28	45.48 -7.95 0.78	53.03 -9.74 3.73	40.99 -7.36 1.39	37.91 -7.90 12.29	31.74 -4.53 0.00	32.38 -3.74 0.00
OXY_CHEM_DSASP 323612	32.26 -3.81 0.00	34.25 -4.07 0.00	31.09 -3.91 0.00	29.80 -3.81 0.00	28.31 -3.52 0.00	38.20 -5.06 0.00	68.06 -10.45 0.00	46.34 -8.72 7.34	54.31 -8.48 0.00	42.98 -7.20 1.28	39.76 -6.36 0.00	25.23 -4.71 8.68	37.18 -6.16 0.04	39.70 -6.21 0.00	41.29 -6.73 1.47	44.72 -7.92 0.46	40.45 -7.94 2.73	58.68 -11.17 3.22	44.63 -8.81 0.77	52.11 -10.72 3.67	40.27 -8.10 1.37	37.50 -8.52 12.08	31.27 -4.99 0.00	31.96 -4.15 0.00
OZONE_PARK_ESR 323760	38.27 2.21 0.00	40.52 2.20 0.00	36.87 1.87 0.00	35.42 1.81 0.00	33.56 1.73 0.00	46.00 2.75 0.00	82.98 4.47 0.00	66.07 3.66 0.00	66.10 3.30 0.00	54.12 2.67 0.00	57.91 2.37 -9.43	40.76 2.14 0.00	45.93 2.55 0.00	48.86 2.95 0.00	52.59 3.10 0.00	56.18 3.09 0.00	54.44 3.33 0.00	77.82 4.75 0.00	57.66 3.45 0.00	70.52 4.02 0.00	52.94 3.20 0.00	61.87 3.78 0.00	38.62 2.35 0.00	38.22 2.10 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.26 -3.81 0.00	34.25 -4.07 0.00	31.09 -3.91 0.00	29.80 -3.81 0.00	28.31 -3.52 0.00	38.20 -5.06 0.00	68.06 -10.45 0.00	46.34 -8.72 7.34	54.31 -8.48 0.00	42.98 -7.20 1.28	39.76 -6.36 0.00	25.23 -4.71 8.68	37.18 -6.16 0.04	39.70 -6.21 0.00	41.29 -6.73 1.47	44.72 -7.92 0.46	40.45 -7.94 2.73	58.68 -11.17 3.22	44.63 -8.81 0.77	52.11 -10.72 3.67	40.27 -8.10 1.37	37.50 -8.52 12.08	31.27 -4.99 0.00	31.96 -4.15 0.00
PACKARD__115KV_DUPONT_184 80571	32.26 -3.80 0.00	34.24 -4.07 0.00	31.09 -3.90 0.00	29.81 -3.81 0.00	28.32 -3.51 0.00	38.20 -5.05 0.00	68.05 -10.46 0.00	46.33 -8.74 7.34	54.32 -8.48 0.00	42.95 -7.23 1.28	39.76 -6.36 0.00	25.17 -4.77 8.68	37.18 -6.17 0.04	39.70 -6.21 0.00	41.28 -6.73 1.47	44.68 -7.95 0.46	40.43 -7.96 2.73	58.60 -11.25 3.22	44.64 -8.81 0.77	52.06 -10.77 3.67	40.28 -8.10 1.37	37.45 -8.57 12.08	31.26 -5.01 0.00	31.96 -4.15 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	38.03 1.97 0.00	40.32 2.00 0.00	36.71 1.72 0.00	35.28 1.67 0.00	33.43 1.60 0.00	45.74 2.49 0.00	82.40 3.89 0.00	65.59 3.19 0.00	65.62 2.82 0.00	53.74 2.28 0.00	57.61 2.08 -9.41	40.49 1.87 0.00	45.58 2.20 0.00	48.49 2.58 0.00	52.16 2.67 0.00	55.67 2.58 0.00	53.98 2.87 0.00	77.12 4.05 0.00	57.16 2.95 0.00	69.94 3.44 0.00	52.59 2.85 0.00	61.43 3.34 0.00	38.35 2.09 0.00	37.97 1.86 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	38.66 2.59 0.00	40.93 2.61 0.00	37.29 2.30 0.00	35.85 2.24 0.00	34.00 2.16 0.00	46.53 3.28 0.00	84.10 5.59 0.00	66.95 4.55 0.00	66.93 4.13 0.00	54.73 3.27 0.00	58.52 3.00 -9.41	41.16 2.55 0.00	46.32 2.93 0.00	49.27 3.36 0.00	52.97 3.48 0.00	56.60 3.50 0.00	54.85 3.74 0.00	78.31 5.23 0.00	58.09 3.88 0.00	71.03 4.53 0.00	53.38 3.63 0.00	62.38 4.29 0.00	38.93 2.66 0.00	38.57 2.45 0.00
PATROON__115KV_TB1 80586	36.55 0.48 0.00	38.90 0.59 0.00	35.61 0.62 0.00	34.21 0.59 0.00	32.45 0.62 0.00	44.15 0.90 0.00	79.71 1.20 0.00	63.30 0.89 0.00	63.67 0.87 0.00	52.36 0.90 0.00	46.97 0.85 0.00	39.39 0.78 0.00	44.16 0.77 0.00	46.68 0.77 0.00	50.64 1.15 0.00	54.22 1.12 0.00	52.29 1.17 0.00	74.34 1.26 0.00	55.39 1.18 0.00	67.82 1.32 0.00	50.89 1.15 0.00	59.34 1.24 0.00	37.00 0.73 0.00	36.84 0.73 0.00
PATTRSNVILLE____SOLAR 323815	36.84 0.78 0.00	39.18 0.86 0.00	35.79 0.79 0.00	34.37 0.75 0.00	32.59 0.76 0.00	44.41 1.16 0.00	80.61 2.10 0.00	64.49 2.09 0.00	64.64 1.84 0.00	52.59 1.14 0.00	46.88 0.77 0.00	39.36 0.75 0.00	44.09 0.71 0.00	46.95 1.04 0.00	50.81 1.32 0.00	54.48 1.38 0.00	52.53 1.42 0.00	74.88 1.81 0.00	55.66 1.45 0.00	68.19 1.68 0.00	51.00 1.25 0.00	59.42 1.32 0.00	37.08 0.81 0.00	36.87 0.76 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.97 -2.10 0.00	35.70 -2.62 0.00	32.37 -2.62 0.00	31.05 -2.56 0.00	29.50 -2.33 0.00	39.99 -3.26 0.00	71.68 -6.83 0.00	47.47 -6.13 8.79	57.41 -5.39 0.00	45.03 -4.89 1.53	41.90 -4.21 0.00	24.52 -3.57 10.52	39.15 -4.19 0.05	42.02 -3.89 0.00	43.36 -4.37 1.77	47.19 -5.35 0.55	42.36 -5.48 3.27	61.82 -7.39 3.86	47.44 -5.86 0.92	54.83 -7.27 4.40	42.61 -5.49 1.64	37.33 -6.25 14.52	32.80 -3.46 0.00	33.24 -2.87 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.95 1.89 0.00	40.21 1.90 0.00	36.64 1.65 0.00	35.21 1.59 0.00	33.36 1.52 0.00	45.73 2.48 0.00	82.62 4.12 0.00	65.76 3.36 0.00	65.76 2.96 0.00	53.90 2.45 0.00	48.20 2.08 0.00	40.37 1.76 0.00	45.48 2.10 0.00	48.41 2.50 0.00	52.20 2.71 0.00	55.84 2.74 0.00	54.06 2.95 0.00	77.27 4.20 0.00	57.30 3.09 0.00	70.07 3.57 0.00	52.55 2.81 0.00	61.38 3.28 0.00	38.25 1.99 0.00	37.90 1.79 0.00
PEEKSKILL____ 23653	37.60 1.53 0.00	39.84 1.53 0.00	36.28 1.29 0.00	34.87 1.25 0.00	33.03 1.20 0.00	45.26 2.01 0.00	81.77 3.26 0.00	65.03 2.62 0.00	64.97 2.18 0.00	53.18 1.73 0.00	47.58 1.46 0.00	39.92 1.30 0.00	45.00 1.61 0.00	47.89 1.98 0.00	51.63 2.13 0.00	55.20 2.10 0.00	53.42 2.31 0.00	76.38 3.30 0.00	56.61 2.40 0.00	69.25 2.75 0.00	51.96 2.22 0.00	60.73 2.63 0.00	37.89 1.62 0.00	37.55 1.44 0.00
PGE MADISON____WINDPWR 24146	37.25 1.19 0.00	39.68 1.36 0.00	36.28 1.29 0.00	34.86 1.25 0.00	33.10 1.27 0.00	45.29 2.04 0.00	82.85 4.34 0.00	74.78 2.88 -9.50	65.12 2.32 0.00	54.07 0.97 -1.64	46.63 0.52 0.00	51.40 -0.13 -12.92	43.16 -0.29 -0.06	45.89 -0.02 0.00	52.02 0.05 -2.48	54.16 0.29 -0.77	56.26 0.55 -4.59	79.21 0.72 -5.42	56.18 0.68 -1.29	73.09 0.46 -6.13	52.19 0.49 -1.96	76.03 0.59 -17.35	36.50 0.24 0.00	36.32 0.21 0.00

PIERCEFIELD___HYD 23852	37.27 1.20 0.00	39.59 1.27 0.00	36.11 1.12 0.00	34.69 1.07 0.00	32.84 1.01 0.00	44.41 1.16 0.00	81.50 3.00 0.00	64.90 2.49 0.00	65.54 2.74 0.00	53.80 2.35 0.00	48.21 2.09 0.00	40.30 1.68 0.00	45.27 1.88 0.00	47.75 1.84 0.00	51.35 1.85 0.00	55.15 2.06 0.00	52.62 1.51 0.00	75.91 2.84 0.00	55.85 1.64 0.00	68.81 2.30 0.00	51.48 1.74 0.00	60.34 2.25 0.00	37.63 1.37 0.00	37.44 1.33 0.00
PINELAWN_CC_1 323563	38.12 2.05 0.00	40.31 2.00 0.00	36.62 1.63 0.00	35.21 1.60 0.00	33.29 1.46 0.00	45.81 2.56 0.00	82.37 3.85 0.00	66.05 3.64 0.00	65.96 3.16 0.00	53.86 2.41 0.00	57.51 2.05 -9.34	40.19 1.58 0.00	45.38 1.99 0.00	48.31 2.40 0.00	51.98 2.49 0.00	57.51 2.67 -1.74	117.90 3.32 -63.46	107.07 4.78 -29.22	57.38 3.17 0.00	78.62 4.18 -7.94	55.72 3.33 -2.65	61.60 3.50 0.00	40.19 2.21 -1.72	37.89 1.78 0.00
PJM_GEN_HTTP_PROXY 323702	37.94 1.87 0.00	40.18 1.86 0.00	36.58 1.58 0.00	35.15 1.53 0.00	33.31 1.47 0.00	40.72 2.39 4.92	82.29 3.78 0.00	65.77 3.09 -0.28	65.49 2.69 0.00	53.64 2.18 0.00	57.51 1.95 -9.45	40.39 1.78 0.00	45.54 2.16 0.00	48.44 2.53 0.00	52.49 2.66 -0.34	55.70 2.61 0.00	53.93 2.82 0.00	77.07 4.00 0.00	57.10 2.89 0.00	69.79 3.28 0.00	52.43 2.69 0.00	61.30 3.20 0.00	38.26 2.00 0.00	38.74 1.77 -0.85
PJM_GEN_KEystone 24065	35.53 -0.54 0.00	37.56 -0.75 0.00	34.14 -0.85 0.00	32.82 -0.80 0.00	31.12 -0.71 0.00	52.09 -0.68 -9.52	82.94 -1.71 -6.14	49.58 -1.88 10.95	60.93 -1.87 0.00	48.53 -2.01 0.92	10.96 -1.79 33.36	26.00 -1.62 10.99	41.71 -1.65 0.03	45.41 -1.24 -0.74	46.08 -1.50 1.92	50.84 -1.94 0.32	47.40 -1.81 1.90	68.49 -2.33 2.25	51.82 -1.86 0.54	61.46 -2.48 2.57	46.95 -1.81 0.99	47.22 -2.11 8.77	35.17 -1.09 0.00	36.07 -0.90 -0.85
PJM_GEN_NEPTUNE_PROXY 323594	37.87 1.81 0.00	40.06 1.74 0.00	36.41 1.41 0.00	35.01 1.39 0.00	33.10 1.27 0.00	40.55 2.22 4.92	81.69 3.18 0.00	65.68 3.00 -0.28	65.32 2.52 0.00	53.41 1.95 0.00	57.18 1.72 -9.34	40.04 1.43 0.00	45.17 1.78 0.00	48.06 2.15 0.00	52.08 2.25 -0.34	56.83 2.30 -1.44	106.20 2.80 -52.28	101.09 3.94 -24.08	56.88 2.66 0.00	76.49 3.44 -6.54	54.73 2.81 -2.18	61.12 3.03 0.00	39.57 1.89 -1.42	38.51 1.54 -0.85
PJM_GEN_VFT_PROXY 323633	37.84 1.77 0.00	40.06 1.74 0.00	36.47 1.48 0.00	35.05 1.43 0.00	33.21 1.38 0.00	40.61 2.28 4.92	82.12 3.60 0.00	65.61 2.93 -0.28	65.31 2.51 0.00	53.48 2.03 0.00	57.34 1.79 -9.43	40.33 1.72 0.00	45.46 2.07 0.00	48.40 2.49 0.00	52.44 2.60 -0.34	55.62 2.53 0.00	53.88 2.76 0.00	77.00 3.93 0.00	57.05 2.84 0.00	69.73 3.23 0.00	52.38 2.63 0.00	61.30 3.20 0.00	38.28 2.01 0.00	38.75 1.78 -0.85
PLATSBURG_115KV_PMLD1 355749	36.60 0.54 0.00	38.85 0.54 0.00	35.51 0.52 0.00	34.12 0.50 0.00	32.30 0.47 0.00	43.67 0.42 0.00	79.81 1.30 0.00	63.49 1.09 0.00	64.35 1.56 0.00	52.93 1.48 0.00	47.75 1.63 0.00	39.86 1.25 0.00	44.67 1.29 0.00	47.16 1.25 0.00	50.69 1.20 0.00	54.51 1.42 0.00	52.04 0.92 0.00	75.38 2.31 0.00	55.85 1.64 0.00	68.68 2.18 0.00	51.17 1.42 0.00	59.58 1.48 0.00	36.99 0.72 0.00	36.73 0.62 0.00
PLEASANTVLY___LBMP 24000	37.43 1.37 0.00	39.71 1.40 0.00	36.19 1.20 0.00	34.77 1.16 0.00	32.93 1.10 0.00	45.07 1.82 0.00	81.33 2.83 0.00	64.70 2.30 0.00	64.74 1.94 0.00	53.05 1.60 0.00	47.50 1.39 0.00	39.85 1.24 0.00	44.89 1.51 0.00	47.72 1.81 0.00	51.46 1.97 0.00	55.02 1.92 0.00	53.19 2.08 0.00	75.94 2.87 0.00	56.33 2.12 0.00	68.94 2.44 0.00	51.76 2.02 0.00	60.47 2.37 0.00	37.74 1.47 0.00	37.41 1.30 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.75 1.69 0.00	40.02 1.71 0.00	36.45 1.46 0.00	35.02 1.40 0.00	33.17 1.34 0.00	45.45 2.20 0.00	82.00 3.49 0.00	65.27 2.86 0.00	65.29 2.50 0.00	53.48 2.03 0.00	55.13 1.75 -7.27	40.18 1.56 0.00	45.28 1.90 0.00	48.16 2.25 0.00	51.90 2.41 0.00	55.47 2.38 0.00	53.69 2.57 0.00	76.68 3.61 0.00	56.85 2.64 0.00	69.55 3.05 0.00	52.22 2.48 0.00	61.01 2.92 0.00	38.07 1.81 0.00	37.71 1.59 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.75 1.69 0.00	40.02 1.71 0.00	36.45 1.46 0.00	35.02 1.40 0.00	33.17 1.34 0.00	45.45 2.20 0.00	82.00 3.49 0.00	65.27 2.86 0.00	65.29 2.50 0.00	53.48 2.03 0.00	55.13 1.75 -7.27	40.18 1.56 0.00	45.28 1.90 0.00	48.16 2.25 0.00	51.90 2.41 0.00	55.47 2.38 0.00	53.69 2.57 0.00	76.68 3.61 0.00	56.85 2.64 0.00	69.55 3.05 0.00	52.22 2.48 0.00	61.01 2.92 0.00	38.07 1.81 0.00	37.71 1.59 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.71 1.64 0.00	39.99 1.67 0.00	36.45 1.46 0.00	35.02 1.40 0.00	33.18 1.35 0.00	45.41 2.16 0.00	82.06 3.55 0.00	65.34 2.94 0.00	65.35 2.55 0.00	53.54 2.09 0.00	47.88 1.77 0.00	40.11 1.49 0.00	45.18 1.80 0.00	48.03 2.12 0.00	51.85 2.36 0.00	55.47 2.38 0.00	53.67 2.55 0.00	76.58 3.51 0.00	56.86 2.65 0.00	69.60 3.10 0.00	52.21 2.47 0.00	60.95 2.86 0.00	38.01 1.74 0.00	37.68 1.57 0.00
POLETTI_____ 23519	37.99 1.92 0.00	40.21 1.90 0.00	36.62 1.63 0.00	35.19 1.57 0.00	33.34 1.51 0.00	45.70 2.44 0.00	82.37 3.86 0.00	65.55 3.15 0.00	65.56 2.76 0.00	53.72 2.26 0.00	57.56 2.01 -9.43	40.47 1.86 0.00	45.61 2.22 0.00	48.53 2.62 0.00	52.23 2.74 0.00	55.78 2.69 0.00	54.03 2.91 0.00	77.18 4.11 0.00	57.19 2.97 0.00	69.91 3.40 0.00	52.52 2.78 0.00	61.42 3.32 0.00	38.33 2.07 0.00	37.95 1.84 0.00
POMONA___ESR 323819	37.63 1.57 0.00	39.88 1.57 0.00	36.32 1.33 0.00	34.90 1.29 0.00	33.06 1.23 0.00	45.33 2.08 0.00	81.91 3.40 0.00	65.12 2.72 0.00	65.04 2.24 0.00	53.22 1.77 0.00	57.44 1.48 -9.84	39.92 1.30 0.00	45.03 1.65 0.00	47.95 2.04 0.00	51.68 2.19 0.00	55.27 2.17 0.00	53.48 2.37 0.00	76.49 3.41 0.00	56.68 2.47 0.00	69.34 2.84 0.00	52.01 2.27 0.00	60.78 2.69 0.00	37.92 1.65 0.00	37.59 1.47 0.00
PORT_JEFF_3 23555	37.95 1.89 0.00	40.19 1.87 0.00	36.48 1.49 0.00	35.19 1.57 0.00	33.26 1.43 0.00	45.87 2.62 0.00	82.35 3.84 0.00	66.04 3.64 0.00	66.01 3.21 0.00	53.73 2.27 0.00	57.26 1.80 -9.34	39.97 1.36 0.00	45.11 1.72 0.00	48.21 2.29 0.00	51.91 2.41 0.00	57.09 2.46 -1.54	110.40 3.37 -55.92	103.53 4.71 -25.75	56.91 2.70 0.00	77.41 3.91 -6.99	55.19 3.11 -2.33	61.12 3.02 0.00	39.98 2.20 -1.52	37.85 1.74 0.00
PORT_JEFF_4 23616	37.95 1.89 0.00	40.19 1.87 0.00	36.48 1.49 0.00	35.19 1.57 0.00	33.26 1.43 0.00	45.87 2.62 0.00	82.35 3.84 0.00	66.04 3.64 0.00	66.01 3.21 0.00	53.73 2.27 0.00	57.26 1.80 -9.34	39.97 1.36 0.00	45.11 1.72 0.00	48.21 2.29 0.00	51.91 2.41 0.00	57.09 2.46 -1.54	110.40 3.37 -55.92	103.53 4.71 -25.75	56.91 2.70 0.00	77.41 3.91 -6.99	55.19 3.11 -2.33	61.12 3.02 0.00	39.98 2.20 -1.52	37.85 1.74 0.00

PORT_JEFF_IC 23713	37.97 1.91 0.00	40.21 1.90 0.00	36.48 1.49 0.00	35.21 1.59 0.00	33.28 1.44 0.00	45.90 2.65 0.00	82.39 3.88 0.00	66.10 3.70 0.00	66.06 3.26 0.00	53.76 2.30 0.00	57.27 1.80 -9.34	39.96 1.35 0.00	45.10 1.71 0.00	48.23 2.32 0.00	51.93 2.43 0.00	57.12 2.48 -1.54	110.81 3.43 -56.27	103.82 4.84 -25.91	56.94 2.73 0.00	77.52 3.98 -7.04	55.25 3.16 -2.35	61.15 3.05 0.00	40.01 2.22 -1.53	37.87 1.76 0.00
PPL PILGRIM_ST_GT1 24216	38.26 2.20 0.00	40.45 2.13 0.00	36.72 1.72 0.00	35.34 1.73 0.00	33.45 1.61 0.00	46.08 2.83 0.00	82.82 4.31 0.00	66.41 4.01 0.00	66.39 3.59 0.00	54.14 2.68 0.00	57.73 2.27 -9.34	40.36 1.74 0.00	45.56 2.18 0.00	48.56 2.65 0.00	52.27 2.78 0.00	57.65 2.97 -1.59	112.58 3.68 -57.79	104.93 5.25 -26.61	57.67 3.46 0.00	78.37 4.64 -7.23	55.82 3.67 -2.41	61.78 3.69 0.00	40.22 2.39 -1.57	38.01 1.89 0.00
PPL PILGRIM_ST_GT2 24217	38.26 2.20 0.00	40.45 2.13 0.00	36.72 1.72 0.00	35.34 1.73 0.00	33.45 1.61 0.00	46.08 2.83 0.00	82.82 4.31 0.00	66.41 4.01 0.00	66.39 3.59 0.00	54.14 2.68 0.00	57.73 2.27 -9.34	40.36 1.74 0.00	45.56 2.18 0.00	48.56 2.65 0.00	52.27 2.78 0.00	57.65 2.97 -1.59	112.58 3.68 -57.79	104.93 5.25 -26.61	57.67 3.46 0.00	78.37 4.64 -7.23	55.82 3.67 -2.41	61.78 3.69 0.00	40.22 2.39 -1.57	38.01 1.89 0.00
PPL_SHRM_GT3 24213	37.84 1.77 0.00	40.20 1.89 0.00	36.40 1.41 0.00	35.31 1.69 0.00	33.30 1.47 0.00	46.17 2.92 0.00	82.88 4.37 0.00	66.53 4.13 0.00	66.44 3.64 0.00	53.72 2.26 0.00	57.10 1.64 -9.34	39.78 1.17 0.00	44.90 1.51 0.00	48.26 2.35 0.00	52.02 2.52 0.00	56.98 2.35 -1.54	110.90 3.69 -56.09	103.94 5.04 -25.83	56.20 1.99 0.00	77.25 3.73 -7.01	55.02 2.94 -2.34	60.56 2.46 0.00	40.05 2.27 -1.52	37.85 1.73 0.00
PPL_SHRM_GT4 24214	37.84 1.77 0.00	40.20 1.89 0.00	36.40 1.41 0.00	35.31 1.69 0.00	33.30 1.47 0.00	46.17 2.92 0.00	82.88 4.37 0.00	66.53 4.13 0.00	66.44 3.64 0.00	53.72 2.26 0.00	57.10 1.64 -9.34	39.78 1.17 0.00	44.90 1.51 0.00	48.26 2.35 0.00	52.02 2.52 0.00	56.98 2.35 -1.54	110.90 3.69 -56.09	103.94 5.04 -25.83	56.20 1.99 0.00	77.25 3.73 -7.01	55.02 2.94 -2.34	60.56 2.46 0.00	40.05 2.27 -1.52	37.85 1.73 0.00
PROJECT___ORANGE 1 24174	35.25 -0.82 0.00	37.40 -0.92 0.00	34.14 -0.86 0.00	32.79 -0.83 0.00	31.07 -0.76 0.00	42.28 -0.97 0.00	76.59 -1.92 0.00	60.79 -1.62 0.00	61.23 -1.57 0.00	50.03 -1.42 0.00	44.84 -1.28 0.00	37.55 -1.07 0.00	42.26 -1.13 0.00	44.81 -1.10 0.00	48.32 -1.17 0.00	51.68 -1.42 0.00	49.80 -1.32 0.00	71.12 -1.95 0.00	52.76 -1.45 0.00	64.64 -1.86 0.00	48.33 -1.41 0.00	56.39 -1.71 0.00	35.24 -1.03 0.00	35.12 -0.99 0.00
PROJECT___ORANGE 2 24166	35.25 -0.82 0.00	37.40 -0.92 0.00	34.14 -0.86 0.00	32.79 -0.83 0.00	31.07 -0.76 0.00	42.28 -0.97 0.00	76.59 -1.92 0.00	60.79 -1.62 0.00	61.23 -1.57 0.00	50.03 -1.42 0.00	44.84 -1.28 0.00	37.55 -1.07 0.00	42.26 -1.13 0.00	44.81 -1.10 0.00	48.32 -1.17 0.00	51.68 -1.42 0.00	49.80 -1.32 0.00	71.12 -1.95 0.00	52.76 -1.45 0.00	64.64 -1.86 0.00	48.33 -1.41 0.00	56.39 -1.71 0.00	35.24 -1.03 0.00	35.12 -0.99 0.00
PUCKETT___SOLAR 323809	36.14 0.08 0.00	38.47 0.15 0.00	35.12 0.13 0.00	33.76 0.14 0.00	32.01 0.17 0.00	43.69 0.44 0.00	79.32 0.80 0.00	62.63 0.23 0.00	62.83 0.03 0.00	50.94 -0.52 0.00	45.45 -0.66 0.00	37.27 -0.69 0.66	42.72 -0.66 0.00	45.60 -0.32 0.00	49.12 -0.37 0.00	52.61 -0.48 0.00	50.72 -0.40 0.00	72.50 -0.57 0.00	53.80 -0.41 0.00	65.77 -0.73 0.00	49.44 -0.30 0.00	57.83 -0.26 0.00	36.14 -0.13 0.00	36.02 -0.10 0.00
PYRITES___HYD 24023	37.82 1.76 0.00	40.16 1.84 0.00	36.62 1.63 0.00	35.17 1.56 0.00	33.33 1.50 0.00	45.11 1.86 0.00	82.88 4.37 0.00	65.97 3.57 0.00	66.62 3.83 0.00	54.66 3.21 0.00	48.97 2.86 0.00	40.93 2.32 0.00	45.99 2.61 0.00	48.62 2.71 0.00	52.27 2.78 0.00	56.17 3.08 0.00	53.71 2.59 0.00	77.49 4.41 0.00	57.03 2.82 0.00	70.21 3.70 0.00	52.45 2.71 0.00	61.38 3.28 0.00	38.26 1.99 0.00	38.06 1.94 0.00
QUAKERRD_115KV_BK1 80622	33.97 -2.10 0.00	35.85 -2.47 0.00	32.65 -2.35 0.00	31.33 -2.29 0.00	29.73 -2.11 0.00	40.38 -2.87 0.00	72.99 -5.52 0.00	55.20 -4.62 2.58	58.57 -4.23 0.00	47.37 -3.63 0.45	42.96 -3.15 0.00	32.98 -2.71 2.93	40.34 -3.04 0.01	42.92 -3.00 0.00	45.76 -3.25 0.48	49.04 -3.90 0.15	46.39 -3.84 0.88	66.75 -5.28 1.05	49.87 -4.09 0.25	60.16 -5.16 1.19	45.40 -3.89 0.45	49.50 -4.58 4.02	33.60 -2.66 0.00	33.73 -2.38 0.00
QUENSBRY_115KV_TB8 356137	37.16 1.10 0.00	39.63 1.32 0.00	36.37 1.37 0.00	34.91 1.29 0.00	33.27 1.44 0.00	45.23 1.98 0.00	82.03 3.52 0.00	65.18 2.77 0.00	65.28 2.48 0.00	53.83 2.37 0.00	48.31 2.20 0.00	40.37 1.76 0.00	45.26 1.87 0.00	47.78 1.87 0.00	52.06 2.57 0.00	55.73 2.64 0.00	53.79 2.68 0.00	76.13 3.05 0.00	57.11 2.90 0.00	69.81 3.31 0.00	52.38 2.64 0.00	60.75 2.65 0.00	37.84 1.58 0.00	37.63 1.52 0.00
RAMAPO___LBMP 323565	37.49 1.43 0.00	39.74 1.42 0.00	36.20 1.21 0.00	34.78 1.16 0.00	32.94 1.10 0.00	45.16 1.91 0.00	81.64 3.13 0.00	64.89 2.48 0.00	64.78 1.98 0.00	52.99 1.53 0.00	30.56 1.26 16.81	39.73 1.12 0.00	44.81 1.43 0.00	47.72 1.81 0.00	51.44 1.95 0.00	55.04 1.94 0.00	53.24 2.12 0.00	76.13 3.06 0.00	56.44 2.23 0.00	69.05 2.54 0.00	51.78 2.04 0.00	60.51 2.41 0.00	37.75 1.48 0.00	37.44 1.33 0.00
RANKINE____ 23646	33.92 -2.15 0.00	35.62 -2.70 0.00	32.31 -2.68 0.00	30.98 -2.64 0.00	29.43 -2.40 0.00	39.84 -3.42 0.00	71.23 -7.28 0.00	47.35 -6.51 8.55	57.02 -5.77 0.00	44.79 -5.17 1.49	41.65 -4.47 0.00	24.69 -3.80 10.12	38.89 -4.44 0.05	41.73 -4.18 0.00	43.12 -4.65 1.72	46.81 -5.75 0.53	42.03 -5.90 3.19	61.28 -8.03 3.76	47.04 -6.27 0.90	54.40 -7.82 4.29	42.27 -5.87 1.60	37.26 -6.71 14.14	32.60 -3.66 0.00	33.10 -3.01 0.00
RAVENSWOOD_GT2_1 24244	37.99 1.93 0.00	40.23 1.92 0.00	36.62 1.63 0.00	35.19 1.57 0.00	33.34 1.51 0.00	45.69 2.43 0.00	82.31 3.80 0.00	65.51 3.11 0.00	65.53 2.73 0.00	53.68 2.22 0.00	57.52 1.99 -9.41	40.44 1.83 0.00	45.58 2.19 0.00	48.49 2.58 0.00	52.19 2.70 0.00	55.74 2.64 0.00	53.98 2.86 0.00	77.13 4.06 0.00	57.15 2.94 0.00	69.87 3.37 0.00	52.50 2.76 0.00	61.36 3.27 0.00	38.31 2.05 0.00	37.93 1.81 0.00
RAVENSWOOD_GT2_2 24245	37.99 1.93 0.00	40.23 1.92 0.00	36.62 1.63 0.00	35.19 1.57 0.00	33.34 1.51 0.00	45.69 2.43 0.00	82.31 3.80 0.00	65.51 3.11 0.00	65.53 2.73 0.00	53.68 2.22 0.00	57.52 1.99 -9.41	40.44 1.83 0.00	45.58 2.19 0.00	48.49 2.58 0.00	52.19 2.70 0.00	55.74 2.64 0.00	53.98 2.86 0.00	77.13 4.06 0.00	57.15 2.94 0.00	69.87 3.37 0.00	52.50 2.76 0.00	61.36 3.27 0.00	38.31 2.05 0.00	37.93 1.81 0.00

RAVENSWOOD_GT2_3 24246	37.99 1.93 0.00	40.25 1.93 0.00	36.62 1.63 0.00	35.20 1.58 0.00	33.35 1.52 0.00	45.70 2.45 0.00	82.35 3.83 0.00	65.54 3.13 0.00	65.56 2.76 0.00	53.70 2.24 0.00	57.55 2.02 -9.41	40.45 1.84 0.00	45.59 2.20 0.00	48.51 2.60 0.00	52.21 2.71 0.00	55.75 2.66 0.00	54.01 2.89 0.00	77.16 4.09 0.00	57.17 2.96 0.00	69.90 3.39 0.00	52.51 2.77 0.00	61.39 3.29 0.00	38.33 2.06 0.00	37.94 1.83 0.00
RAVENSWOOD_GT2_4 24247	37.99 1.93 0.00	40.25 1.93 0.00	36.62 1.63 0.00	35.20 1.58 0.00	33.35 1.52 0.00	45.70 2.45 0.00	82.35 3.83 0.00	65.54 3.13 0.00	65.56 2.76 0.00	53.70 2.24 0.00	57.55 2.02 -9.41	40.45 1.84 0.00	45.59 2.20 0.00	48.51 2.60 0.00	52.21 2.71 0.00	55.75 2.66 0.00	54.01 2.89 0.00	77.16 4.09 0.00	57.17 2.96 0.00	69.90 3.39 0.00	52.51 2.77 0.00	61.39 3.29 0.00	38.33 2.06 0.00	37.94 1.83 0.00
RAVENSWOOD_GT3_1 24248	37.99 1.93 0.00	40.23 1.92 0.00	36.62 1.63 0.00	35.19 1.57 0.00	33.34 1.51 0.00	45.69 2.43 0.00	82.31 3.80 0.00	65.51 3.11 0.00	65.53 2.73 0.00	53.68 2.22 0.00	57.52 1.99 -9.41	40.44 1.83 0.00	45.58 2.20 0.00	48.49 2.58 0.00	52.19 2.70 0.00	55.74 2.64 0.00	53.98 2.86 0.00	77.13 4.06 0.00	57.16 2.95 0.00	69.87 3.37 0.00	52.50 2.76 0.00	61.36 3.27 0.00	38.31 2.05 0.00	37.93 1.82 0.00
RAVENSWOOD_GT3_2 24249	37.99 1.93 0.00	40.23 1.92 0.00	36.62 1.63 0.00	35.19 1.57 0.00	33.34 1.51 0.00	45.69 2.43 0.00	82.31 3.80 0.00	65.51 3.11 0.00	65.53 2.73 0.00	53.68 2.22 0.00	57.52 1.99 -9.41	40.44 1.83 0.00	45.58 2.20 0.00	48.49 2.58 0.00	52.19 2.70 0.00	55.74 2.64 0.00	53.98 2.86 0.00	77.13 4.06 0.00	57.16 2.95 0.00	69.87 3.37 0.00	52.50 2.76 0.00	61.36 3.27 0.00	38.31 2.05 0.00	37.93 1.82 0.00
RAVENSWOOD_GT3_3 24250	38.03 1.96 0.00	40.28 1.97 0.00	36.66 1.66 0.00	35.22 1.60 0.00	33.38 1.54 0.00	45.73 2.48 0.00	82.42 3.91 0.00	65.60 3.20 0.00	65.62 2.82 0.00	53.77 2.32 0.00	57.59 2.06 -9.41	40.50 1.88 0.00	45.64 2.25 0.00	48.56 2.65 0.00	52.26 2.77 0.00	55.81 2.71 0.00	54.06 2.94 0.00	77.25 4.18 0.00	57.23 3.02 0.00	69.96 3.46 0.00	52.56 2.82 0.00	61.44 3.35 0.00	38.36 2.09 0.00	37.97 1.86 0.00
RAVENSWOOD_GT3_4 24251	38.03 1.96 0.00	40.28 1.97 0.00	36.66 1.66 0.00	35.22 1.60 0.00	33.38 1.54 0.00	45.73 2.48 0.00	82.42 3.91 0.00	65.60 3.20 0.00	65.62 2.82 0.00	53.77 2.32 0.00	57.59 2.06 -9.41	40.50 1.88 0.00	45.64 2.25 0.00	48.56 2.65 0.00	52.26 2.77 0.00	55.81 2.71 0.00	54.06 2.94 0.00	77.25 4.18 0.00	57.23 3.02 0.00	69.96 3.46 0.00	52.56 2.82 0.00	61.44 3.35 0.00	38.36 2.09 0.00	37.97 1.86 0.00
RAVENSWOOD_GT_1 23729	38.06 2.00 0.00	40.32 2.00 0.00	36.69 1.70 0.00	35.26 1.64 0.00	33.42 1.59 0.00	45.73 2.48 0.00	82.28 3.77 0.00	65.51 3.11 0.00	65.55 2.75 0.00	53.73 2.27 0.00	57.61 2.08 -9.41	40.55 1.94 0.00	45.70 2.31 0.00	48.61 2.70 0.00	52.26 2.77 0.00	55.73 2.64 0.00	54.00 2.88 0.00	77.12 4.04 0.00	57.15 2.94 0.00	69.87 3.36 0.00	52.57 2.82 0.00	61.44 3.35 0.00	38.41 2.14 0.00	38.02 1.91 0.00
RAVENSWOOD_GT_10 24258	37.99 1.92 0.00	40.23 1.92 0.00	36.62 1.63 0.00	35.19 1.57 0.00	33.34 1.51 0.00	45.69 2.43 0.00	82.32 3.81 0.00	65.51 3.11 0.00	65.55 2.75 0.00	53.68 2.22 0.00	57.52 1.99 -9.41	40.43 1.82 0.00	45.58 2.19 0.00	48.48 2.57 0.00	52.19 2.70 0.00	55.74 2.64 0.00	53.98 2.86 0.00	77.13 4.06 0.00	57.16 2.95 0.00	69.87 3.37 0.00	52.49 2.75 0.00	61.36 3.27 0.00	38.31 2.05 0.00	37.93 1.81 0.00
RAVENSWOOD_GT_11 24259	37.99 1.92 0.00	40.23 1.92 0.00	36.62 1.63 0.00	35.19 1.57 0.00	33.34 1.51 0.00	45.69 2.43 0.00	82.32 3.81 0.00	65.51 3.11 0.00	65.55 2.75 0.00	53.68 2.22 0.00	57.52 1.99 -9.41	40.43 1.82 0.00	45.58 2.19 0.00	48.48 2.57 0.00	52.19 2.70 0.00	55.74 2.64 0.00	53.98 2.86 0.00	77.13 4.06 0.00	57.16 2.95 0.00	69.87 3.37 0.00	52.49 2.75 0.00	61.36 3.27 0.00	38.31 2.05 0.00	37.93 1.81 0.00
RAVENSWOOD_GT_4 24252	37.99 1.93 0.00	40.25 1.93 0.00	36.62 1.63 0.00	35.20 1.58 0.00	33.35 1.52 0.00	45.69 2.43 0.00	82.30 3.79 0.00	65.49 3.09 0.00	65.52 2.72 0.00	53.69 2.23 0.00	57.54 2.01 -9.41	40.46 1.84 0.00	45.60 2.21 0.00	48.51 2.60 0.00	52.20 2.71 0.00	55.72 2.63 0.00	53.97 2.86 0.00	77.11 4.04 0.00	57.14 2.93 0.00	69.87 3.37 0.00	52.51 2.77 0.00	61.38 3.28 0.00	38.33 2.06 0.00	37.94 1.83 0.00
RAVENSWOOD_GT_5 24254	37.99 1.93 0.00	40.25 1.93 0.00	36.62 1.63 0.00	35.20 1.58 0.00	33.35 1.52 0.00	45.69 2.43 0.00	82.30 3.79 0.00	65.49 3.09 0.00	65.52 2.72 0.00	53.69 2.23 0.00	57.54 2.01 -9.41	40.46 1.84 0.00	45.60 2.21 0.00	48.51 2.60 0.00	52.20 2.71 0.00	55.72 2.63 0.00	53.97 2.86 0.00	77.11 4.04 0.00	57.14 2.93 0.00	69.87 3.37 0.00	52.51 2.77 0.00	61.38 3.28 0.00	38.33 2.06 0.00	37.94 1.83 0.00
RAVENSWOOD_GT_6 24253	37.99 1.93 0.00	40.25 1.93 0.00	36.62 1.63 0.00	35.20 1.58 0.00	33.35 1.52 0.00	45.69 2.43 0.00	82.30 3.79 0.00	65.49 3.09 0.00	65.52 2.72 0.00	53.69 2.23 0.00	57.54 2.01 -9.41	40.46 1.84 0.00	45.60 2.21 0.00	48.51 2.60 0.00	52.20 2.71 0.00	55.72 2.63 0.00	53.97 2.86 0.00	77.11 4.04 0.00	57.14 2.93 0.00	69.87 3.37 0.00	52.51 2.77 0.00	61.38 3.28 0.00	38.33 2.06 0.00	37.94 1.83 0.00
RAVENSWOOD_GT_7 24255	37.99 1.93 0.00	40.25 1.93 0.00	36.62 1.63 0.00	35.20 1.58 0.00	33.35 1.52 0.00	45.69 2.43 0.00	82.30 3.79 0.00	65.49 3.09 0.00	65.52 2.72 0.00	53.69 2.23 0.00	57.54 2.01 -9.41	40.46 1.84 0.00	45.60 2.21 0.00	48.51 2.60 0.00	52.20 2.71 0.00	55.72 2.63 0.00	53.97 2.86 0.00	77.11 4.04 0.00	57.14 2.93 0.00	69.87 3.37 0.00	52.51 2.77 0.00	61.38 3.28 0.00	38.33 2.06 0.00	37.94 1.83 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.99 1.92 0.00	40.23 1.92 0.00	36.62 1.63 0.00	35.19 1.57 0.00	33.34 1.51 0.00	45.69 2.43 0.00	82.32 3.81 0.00	65.51 3.11 0.00	65.55 2.75 0.00	53.68 2.22 0.00	57.52 1.99 -9.41	40.43 1.82 0.00	45.58 2.19 0.00	48.48 2.57 0.00	52.19 2.70 0.00	55.74 2.64 0.00	53.98 2.86 0.00	77.13 4.06 0.00	57.16 2.95 0.00	69.87 3.37 0.00	52.49 2.75 0.00	61.36 3.27 0.00	38.31 2.05 0.00	37.93 1.81 0.00
RAVENSWOOD_GT_9 24257	37.99 1.92 0.00	40.23 1.92 0.00	36.62 1.63 0.00	35.19 1.57 0.00	33.34 1.51 0.00	45.69 2.43 0.00	82.32 3.81 0.00	65.51 3.11 0.00	65.55 2.75 0.00	53.68 2.22 0.00	57.52 1.99 -9.41	40.43 1.82 0.00	45.58 2.19 0.00	48.48 2.57 0.00	52.19 2.70 0.00	55.74 2.64 0.00	53.98 2.86 0.00	77.13 4.06 0.00	57.16 2.95 0.00	69.87 3.37 0.00	52.49 2.75 0.00	61.36 3.27 0.00	38.31 2.05 0.00	37.93 1.81 0.00

RAVENSWOOD___1 23533	38.03 1.97 0.00	40.30 1.98 0.00	36.67 1.68 0.00	35.24 1.63 0.00	33.40 1.57 0.00	45.71 2.45 0.00	82.24 3.73 0.00	65.49 3.09 0.00	65.54 2.73 0.00	53.73 2.27 0.00	57.59 2.06 -9.41	40.52 1.91 0.00	45.67 2.28 0.00	48.57 2.66 0.00	52.24 2.75 0.00	55.70 2.61 0.00	53.98 2.87 0.00	77.09 4.02 0.00	57.12 2.91 0.00	69.85 3.34 0.00	52.54 2.80 0.00	61.42 3.32 0.00	38.40 2.13 0.00	38.00 1.88 0.00
RAVENSWOOD___2 23534	38.01 1.94 0.00	40.27 1.95 0.00	36.65 1.66 0.00	35.21 1.60 0.00	33.38 1.54 0.00	45.68 2.43 0.00	82.24 3.73 0.00	65.46 3.06 0.00	65.49 2.69 0.00	53.70 2.24 0.00	57.56 2.03 -9.41	40.51 1.89 0.00	45.65 2.26 0.00	48.55 2.64 0.00	52.21 2.72 0.00	55.69 2.59 0.00	53.97 2.85 0.00	77.08 4.01 0.00	57.11 2.90 0.00	69.83 3.32 0.00	52.53 2.78 0.00	61.39 3.29 0.00	38.37 2.11 0.00	37.97 1.86 0.00
RAVENSWOOD___3 23535	37.99 1.93 0.00	40.23 1.92 0.00	36.62 1.63 0.00	35.19 1.57 0.00	33.34 1.51 0.00	45.69 2.43 0.00	82.32 3.81 0.00	65.52 3.11 0.00	65.54 2.74 0.00	53.69 2.23 0.00	57.52 2.00 -9.41	40.44 1.82 0.00	45.58 2.20 0.00	48.48 2.58 0.00	52.19 2.70 0.00	55.73 2.63 0.00	53.98 2.86 0.00	77.13 4.06 0.00	57.15 2.94 0.00	69.86 3.35 0.00	52.50 2.76 0.00	61.37 3.27 0.00	38.32 2.06 0.00	37.93 1.82 0.00
RAVENSWOOD___4 23820	38.01 1.94 0.00	40.27 1.95 0.00	36.65 1.66 0.00	35.21 1.60 0.00	33.38 1.54 0.00	45.68 2.43 0.00	82.24 3.73 0.00	65.46 3.06 0.00	65.49 2.69 0.00	53.70 2.24 0.00	57.56 2.03 -9.41	40.51 1.89 0.00	45.65 2.26 0.00	48.55 2.64 0.00	52.21 2.72 0.00	55.69 2.59 0.00	53.97 2.85 0.00	77.08 4.01 0.00	57.11 2.90 0.00	69.83 3.32 0.00	52.53 2.78 0.00	61.39 3.29 0.00	38.37 2.11 0.00	37.97 1.86 0.00
RCPL_TRUST___DRP 24196	37.99 1.92 0.00	40.23 1.91 0.00	36.62 1.63 0.00	35.19 1.57 0.00	33.34 1.51 0.00	45.70 2.44 0.00	82.37 3.86 0.00	65.55 3.15 0.00	65.58 2.78 0.00	53.72 2.26 0.00	57.57 2.01 -9.45	40.47 1.85 0.00	45.61 2.22 0.00	48.53 2.62 0.00	52.24 2.75 0.00	55.79 2.69 0.00	54.03 2.92 0.00	77.18 4.11 0.00	57.18 2.97 0.00	69.88 3.37 0.00	52.49 2.75 0.00	61.37 3.27 0.00	38.32 2.05 0.00	37.93 1.82 0.00
RED___ROCHESTER 323720	34.85 -1.21 0.00	36.70 -1.62 0.00	33.40 -1.59 0.00	32.04 -1.57 0.00	30.43 -1.41 0.00	41.31 -1.94 0.00	74.58 -3.93 0.00	54.83 -3.42 4.16	59.95 -2.84 0.00	48.14 -2.59 0.73	43.97 -2.15 0.00	31.76 -1.88 4.98	41.25 -2.12 0.02	43.97 -1.94 0.00	46.57 -2.10 0.81	50.09 -2.76 0.25	46.82 -2.79 1.51	67.62 -3.67 1.78	50.84 -2.95 0.42	60.72 -3.76 2.03	46.11 -2.88 0.75	48.05 -3.40 6.65	34.38 -1.89 0.00	34.58 -1.53 0.00
REGAN___SOLAR 323812	37.22 1.15 0.00	39.56 1.24 0.00	36.11 1.12 0.00	34.67 1.05 0.00	32.90 1.07 0.00	44.90 1.65 0.00	81.83 3.32 0.00	66.02 3.62 0.00	66.02 3.23 0.00	53.27 1.82 0.00	47.12 1.00 0.00	39.72 1.11 0.00	44.39 1.01 0.00	47.60 1.69 0.00	51.51 2.01 0.00	55.22 2.13 0.00	53.23 2.12 0.00	76.02 2.95 0.00	56.40 2.18 0.00	69.09 2.58 0.00	51.50 1.76 0.00	59.93 1.84 0.00	37.38 1.12 0.00	37.13 1.02 0.00
RENSSELAER___COGEN 23796	36.37 0.31 0.00	38.73 0.41 0.00	35.44 0.45 0.00	34.07 0.45 0.00	32.29 0.46 0.00	43.93 0.68 0.00	79.31 0.80 0.00	62.97 0.56 0.00	63.29 0.50 0.00	52.05 0.60 0.00	46.69 0.57 0.00	39.13 0.52 0.00	43.87 0.49 0.00	46.36 0.45 0.00	50.28 0.79 0.00	53.85 0.76 0.00	51.93 0.81 0.00	73.83 0.76 0.00	55.05 0.84 0.00	67.40 0.90 0.00	50.60 0.86 0.00	59.02 0.92 0.00	36.80 0.53 0.00	36.65 0.54 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.74 2.67 0.00	41.50 3.18 0.00	38.33 3.34 0.00	36.82 3.21 0.00	35.25 3.41 0.00	47.91 4.65 0.00	87.04 8.53 0.00	69.00 6.59 0.00	68.61 5.81 0.00	56.97 5.52 0.00	51.17 5.05 0.00	42.60 3.99 0.00	47.53 4.15 0.00	50.14 4.23 0.00	55.18 5.69 0.00	59.16 6.07 0.00	57.36 6.24 0.00	80.45 7.37 0.00	61.03 6.82 0.00	74.38 7.88 0.00	55.82 6.07 0.00	64.36 6.26 0.00	39.86 3.59 0.00	39.64 3.53 0.00
REVERE_CPPR_DRP 24186	36.99 0.93 0.00	39.37 1.06 0.00	35.93 0.94 0.00	34.54 0.93 0.00	32.73 0.90 0.00	44.65 1.40 0.00	81.60 3.09 0.00	64.75 2.35 0.00	64.97 2.17 0.00	52.93 1.47 0.00	47.35 1.24 0.00	39.79 1.17 0.00	44.78 1.39 0.00	47.48 1.57 0.00	51.23 1.74 0.00	54.70 1.61 0.00	52.64 1.53 0.00	75.16 2.09 0.00	55.83 1.62 0.00	68.47 1.97 0.00	51.02 1.28 0.00	59.45 1.36 0.00	37.14 0.88 0.00	36.86 0.75 0.00
REYNLDPA_13_KV_LD 356490	36.84 0.78 0.00	39.13 0.82 0.00	35.70 0.71 0.00	34.30 0.68 0.00	32.46 0.63 0.00	43.94 0.69 0.00	80.21 1.70 0.00	63.78 1.38 0.00	64.49 1.69 0.00	53.04 1.59 0.00	47.60 1.48 0.00	39.76 1.14 0.00	44.62 1.23 0.00	47.09 1.18 0.00	50.63 1.14 0.00	54.47 1.38 0.00	52.26 1.14 0.00	75.18 2.10 0.00	55.58 1.37 0.00	68.33 1.82 0.00	50.99 1.25 0.00	59.55 1.46 0.00	37.18 0.91 0.00	37.07 0.95 0.00
REYNOLDS_115KV_TB3 80639	36.47 0.41 0.00	38.85 0.53 0.00	35.56 0.56 0.00	34.16 0.54 0.00	32.43 0.60 0.00	44.09 0.84 0.00	79.50 1.00 0.00	63.12 0.71 0.00	63.47 0.67 0.00	52.23 0.78 0.00	46.89 0.78 0.00	39.30 0.69 0.00	44.04 0.65 0.00	46.50 0.59 0.00	50.48 0.99 0.00	54.04 0.95 0.00	52.10 0.98 0.00	74.00 0.93 0.00	55.24 1.03 0.00	67.64 1.13 0.00	50.79 1.05 0.00	59.24 1.14 0.00	36.95 0.68 0.00	36.80 0.68 0.00
RIVERBAY____ 323610	38.66 2.59 0.00	40.93 2.61 0.00	37.29 2.30 0.00	35.85 2.24 0.00	34.00 2.16 0.00	46.53 3.28 0.00	84.10 5.59 0.00	66.95 4.55 0.00	66.93 4.13 0.00	54.73 3.27 0.00	58.52 3.00 -9.41	41.16 2.55 0.00	46.32 2.93 0.00	49.27 3.36 0.00	52.97 3.48 0.00	56.60 3.50 0.00	54.85 3.74 0.00	78.31 5.23 0.00	58.09 3.88 0.00	71.03 4.53 0.00	53.38 3.63 0.00	62.38 4.29 0.00	38.93 2.66 0.00	38.57 2.45 0.00
RIVERSDE_115KV_TB3 55908	36.45 0.39 0.00	38.81 0.50 0.00	35.53 0.53 0.00	34.13 0.52 0.00	32.39 0.56 0.00	44.05 0.80 0.00	79.48 0.97 0.00	63.12 0.72 0.00	63.45 0.65 0.00	52.21 0.75 0.00	46.85 0.73 0.00	39.28 0.67 0.00	44.02 0.63 0.00	46.51 0.60 0.00	50.46 0.97 0.00	54.03 0.93 0.00	52.09 0.98 0.00	74.02 0.95 0.00	55.22 1.01 0.00	67.60 1.10 0.00	50.75 1.01 0.00	59.19 1.09 0.00	36.91 0.65 0.00	36.77 0.65 0.00
ROARING___BROOK_WT_PWR 323790	35.88 -0.18 0.00	38.27 -0.05 0.00	34.94 -0.05 0.00	33.54 -0.08 0.00	31.73 -0.10 0.00	43.06 -0.19 0.00	78.78 0.28 0.00	62.49 0.08 0.00	62.67 -0.13 0.00	51.27 -0.18 0.00	45.82 -0.29 0.00	38.32 -0.30 0.00	42.92 -0.46 0.00	45.38 -0.53 0.00	48.73 -0.76 0.00	52.06 -1.04 0.00	49.96 -1.15 0.00	71.95 -1.12 0.00	53.59 -0.62 0.00	65.81 -0.69 0.00	49.19 -0.55 0.00	57.41 -0.69 0.00	36.04 -0.22 0.00	35.85 -0.26 0.00

ROCHESRG_115KV_T4 355643	34.53 -1.53 0.00	36.38 -1.94 0.00	33.12 -1.88 0.00	31.77 -1.84 0.00	30.16 -1.67 0.00	40.92 -2.33 0.00	73.79 -4.72 0.00	54.24 -4.07 4.10	59.25 -3.55 0.00	47.61 -3.13 0.71	43.45 -2.66 0.00	31.41 -2.31 4.89	40.75 -2.62 0.02	43.43 -2.48 0.00	45.99 -2.70 0.80	49.43 -3.42 0.25	46.19 -3.44 1.49	66.70 -4.61 1.76	50.17 -3.62 0.42	59.92 -4.59 2.00	45.54 -3.46 0.74	47.50 -4.05 6.56	34.02 -2.25 0.00	34.24 -1.88 0.00
ROCHESTER_9_IC 23652	34.71 -1.35 0.00	36.56 -1.75 0.00	33.27 -1.73 0.00	31.92 -1.70 0.00	30.30 -1.53 0.00	41.14 -2.12 0.00	74.22 -4.29 0.00	54.54 -3.70 4.16	59.63 -3.16 0.00	47.91 -2.82 0.73	43.74 -2.38 0.00	31.56 -2.07 4.98	41.02 -2.34 0.02	43.73 -2.18 0.00	46.31 -2.37 0.81	49.78 -3.06 0.25	46.53 -3.08 1.51	67.19 -4.10 1.78	50.53 -3.26 0.42	60.36 -4.12 2.03	45.84 -3.15 0.75	47.74 -3.71 6.65	34.23 -2.04 0.00	34.43 -1.68 0.00
ROCKVIEW_13_KV_LD 356306	37.91 1.84 0.00	40.15 1.84 0.00	36.55 1.56 0.00	35.12 1.50 0.00	33.27 1.44 0.00	45.62 2.36 0.00	82.34 3.83 0.00	65.55 3.15 0.00	65.58 2.78 0.00	53.72 2.26 0.00	57.51 1.98 -9.41	40.37 1.76 0.00	45.50 2.12 0.00	48.40 2.49 0.00	52.14 2.65 0.00	55.74 2.64 0.00	53.95 2.83 0.00	77.10 4.03 0.00	57.15 2.94 0.00	69.90 3.39 0.00	52.47 2.73 0.00	61.31 3.21 0.00	38.25 1.98 0.00	37.88 1.76 0.00
ROME____115KV_TB2 80656	36.99 0.93 0.00	39.37 1.06 0.00	35.93 0.94 0.00	34.54 0.93 0.00	32.73 0.90 0.00	44.65 1.40 0.00	81.60 3.09 0.00	64.75 2.35 0.00	64.97 2.17 0.00	52.93 1.47 0.00	47.35 1.24 0.00	39.79 1.17 0.00	44.78 1.39 0.00	47.48 1.57 0.00	51.23 1.74 0.00	54.70 1.61 0.00	52.64 1.53 0.00	75.16 2.09 0.00	55.83 1.62 0.00	68.47 1.97 0.00	51.02 1.28 0.00	59.45 1.36 0.00	37.14 0.88 0.00	36.86 0.75 0.00
ROSETON___1 23587	37.40 1.34 0.00	39.68 1.36 0.00	36.16 1.17 0.00	34.75 1.13 0.00	32.90 1.07 0.00	45.03 1.78 0.00	81.24 2.73 0.00	64.61 2.21 0.00	64.66 1.86 0.00	53.01 1.55 0.00	47.44 1.32 0.00	39.80 1.19 0.00	44.83 1.44 0.00	47.66 1.75 0.00	51.39 1.90 0.00	54.92 1.83 0.00	53.08 1.96 0.00	75.80 2.72 0.00	56.22 2.01 0.00	68.82 2.31 0.00	51.66 1.92 0.00	60.41 2.31 0.00	37.68 1.42 0.00	37.37 1.26 0.00
ROSETON___2 23588	37.40 1.34 0.00	39.68 1.36 0.00	36.16 1.17 0.00	34.75 1.13 0.00	32.90 1.07 0.00	45.03 1.78 0.00	81.24 2.73 0.00	64.61 2.21 0.00	64.66 1.86 0.00	53.01 1.55 0.00	47.44 1.32 0.00	39.80 1.19 0.00	44.83 1.44 0.00	47.66 1.75 0.00	51.39 1.90 0.00	54.92 1.83 0.00	53.08 1.96 0.00	75.80 2.72 0.00	56.22 2.01 0.00	68.82 2.31 0.00	51.66 1.92 0.00	60.41 2.31 0.00	37.68 1.42 0.00	37.37 1.26 0.00
ROTRDAM_115KV_TB3 80664	36.75 0.68 0.00	39.10 0.78 0.00	35.75 0.75 0.00	34.33 0.72 0.00	32.56 0.72 0.00	44.32 1.07 0.00	80.19 1.68 0.00	63.76 1.35 0.00	64.02 1.22 0.00	52.49 1.04 0.00	47.03 0.91 0.00	39.42 0.81 0.00	44.26 0.87 0.00	46.87 0.96 0.00	50.72 1.22 0.00	54.33 1.23 0.00	52.39 1.28 0.00	74.61 1.53 0.00	55.50 1.29 0.00	68.00 1.50 0.00	50.98 1.24 0.00	59.42 1.32 0.00	37.07 0.80 0.00	36.88 0.77 0.00
RUSSELL___1 23602	34.85 -1.21 0.00	36.70 -1.61 0.00	33.40 -1.59 0.00	32.04 -1.57 0.00	30.42 -1.41 0.00	41.31 -1.95 0.00	74.58 -3.93 0.00	54.84 -3.40 4.16	59.95 -2.85 0.00	48.16 -2.57 0.73	43.97 -2.15 0.00	31.76 -1.88 4.98	41.24 -2.12 0.02	43.98 -1.94 0.00	46.58 -2.11 0.81	50.07 -2.77 0.25	46.82 -2.79 1.51	67.61 -3.68 1.78	50.83 -2.96 0.42	60.70 -3.78 2.03	46.11 -2.88 0.75	48.03 -3.42 6.65	34.39 -1.88 0.00	34.58 -1.53 0.00
RUSSELL___2 23532	34.85 -1.21 0.00	36.70 -1.61 0.00	33.40 -1.59 0.00	32.04 -1.57 0.00	30.42 -1.41 0.00	41.31 -1.95 0.00	74.58 -3.93 0.00	54.84 -3.40 4.16	59.95 -2.85 0.00	48.16 -2.57 0.73	43.97 -2.15 0.00	31.76 -1.88 4.98	41.24 -2.12 0.02	43.98 -1.94 0.00	46.58 -2.11 0.81	50.07 -2.77 0.25	46.82 -2.79 1.51	67.61 -3.68 1.78	50.83 -2.96 0.42	60.70 -3.78 2.03	46.11 -2.88 0.75	48.03 -3.42 6.65	34.39 -1.88 0.00	34.58 -1.53 0.00
RUSSELL___3 23549	34.85 -1.21 0.00	36.70 -1.61 0.00	33.40 -1.59 0.00	32.04 -1.57 0.00	30.42 -1.41 0.00	41.31 -1.95 0.00	74.58 -3.93 0.00	54.84 -3.40 4.16	59.95 -2.85 0.00	48.16 -2.57 0.73	43.97 -2.15 0.00	31.76 -1.88 4.98	41.24 -2.12 0.02	43.98 -1.94 0.00	46.58 -2.11 0.81	50.07 -2.77 0.25	46.82 -2.79 1.51	67.61 -3.68 1.78	50.83 -2.96 0.42	60.70 -3.78 2.03	46.11 -2.88 0.75	48.03 -3.42 6.65	34.39 -1.88 0.00	34.58 -1.53 0.00
RUSSELL___4 23556	34.85 -1.21 0.00	36.70 -1.61 0.00	33.40 -1.59 0.00	32.04 -1.57 0.00	30.42 -1.41 0.00	41.31 -1.95 0.00	74.58 -3.93 0.00	54.84 -3.40 4.16	59.95 -2.85 0.00	48.16 -2.57 0.73	43.97 -2.15 0.00	31.76 -1.88 4.98	41.24 -2.12 0.02	43.98 -1.94 0.00	46.58 -2.11 0.81	50.07 -2.77 0.25	46.82 -2.79 1.51	67.61 -3.68 1.78	50.83 -2.96 0.42	60.70 -3.78 2.03	46.11 -2.88 0.75	48.03 -3.42 6.65	34.39 -1.88 0.00	34.58 -1.53 0.00
RUSSELL___STATION 23914	34.85 -1.21 0.00	36.70 -1.61 0.00	33.40 -1.59 0.00	32.04 -1.57 0.00	30.42 -1.41 0.00	41.31 -1.95 0.00	74.58 -3.93 0.00	54.84 -3.40 4.16	59.95 -2.85 0.00	48.16 -2.57 0.73	43.97 -2.15 0.00	31.76 -1.88 4.98	41.24 -2.12 0.02	43.98 -1.94 0.00	46.58 -2.11 0.81	50.07 -2.77 0.25	46.82 -2.79 1.51	67.61 -3.68 1.78	50.83 -2.96 0.42	60.70 -3.78 2.03	46.11 -2.88 0.75	48.03 -3.42 6.65	34.39 -1.88 0.00	34.58 -1.53 0.00
S SALMON___HYD 24043	35.42 -0.65 0.00	37.53 -0.79 0.00	34.23 -0.77 0.00	32.87 -0.75 0.00	31.15 -0.69 0.00	42.28 -0.97 0.00	77.19 -1.32 0.00	61.45 -0.95 0.00	61.72 -1.07 0.00	50.36 -1.09 0.00	44.93 -1.19 0.00	37.79 -0.82 0.00	42.59 -0.79 0.00	44.94 -0.97 0.00	48.41 -1.08 0.00	51.60 -1.49 0.00	49.57 -1.55 0.00	71.09 -1.98 0.00	52.86 -1.35 0.00	65.10 -1.40 0.00	48.45 -1.29 0.00	56.65 -1.45 0.00	35.45 -0.82 0.00	35.14 -0.97 0.00
S.PERRY___115KV_TB1 80734	35.46 -0.60 0.00	37.28 -1.04 0.00	33.91 -1.08 0.00	32.59 -1.03 0.00	30.93 -0.91 0.00	42.12 -1.13 0.00	76.04 -2.47 0.00	47.34 -2.47 12.59	60.53 -2.26 0.00	46.67 -2.55 2.23	43.60 -2.51 0.00	18.59 -2.51 17.52	40.48 -2.84 0.07	43.40 -2.50 0.00	44.41 -2.44 2.64	49.35 -2.92 0.82	43.36 -2.87 4.89	63.78 -3.51 5.78	50.01 -2.83 1.38	56.33 -3.59 6.58	44.53 -2.78 2.43	33.32 -3.27 21.51	34.45 -1.81 0.00	34.69 -1.42 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.64 -2.42 0.00	35.33 -2.99 0.00	32.06 -2.93 0.00	30.73 -2.89 0.00	29.19 -2.65 0.00	39.46 -3.79 0.00	70.49 -8.02 0.00	47.73 -7.06 7.61	56.55 -6.25 0.00	44.67 -5.46 1.33	41.43 -4.69 0.00	25.62 -3.96 9.03	38.69 -4.65 0.04	41.45 -4.46 0.00	43.02 -4.94 1.53	46.52 -6.10 0.47	42.05 -6.24 2.83	61.22 -8.51 3.34	46.79 -6.63 0.80	54.47 -8.22 3.81	42.15 -6.17 1.42	38.54 -7.02 12.54	32.44 -3.82 0.00	32.97 -3.15 0.00

SAWYER___23_KV_LOAD 55526	33.64 -2.42 0.00	35.33 -2.99 0.00	32.06 -2.93 0.00	30.73 -2.89 0.00	29.19 -2.65 0.00	39.46 -3.79 0.00	70.49 -8.02 0.00	47.73 -7.06 7.61	56.55 -6.25 0.00	44.67 -5.46 1.33	41.43 -4.69 0.00	25.62 -3.96 9.03	38.69 -4.65 0.04	41.45 -4.46 0.00	43.02 -4.94 1.53	46.52 -6.10 0.47	42.05 -6.24 2.83	61.22 -8.51 3.34	46.79 -6.63 0.80	54.47 -8.22 3.81	42.15 -6.17 1.42	38.54 -7.02 12.54	32.44 -3.82 0.00	32.97 -3.15 0.00
SELKIRK___I 23801	36.69 0.63 0.00	39.06 0.75 0.00	35.75 0.75 0.00	34.35 0.73 0.00	32.54 0.71 0.00	44.27 1.02 0.00	79.98 1.47 0.00	63.46 1.06 0.00	63.71 0.92 0.00	52.35 0.90 0.00	46.85 0.73 0.00	39.26 0.65 0.00	44.08 0.70 0.00	46.55 0.64 0.00	50.43 0.93 0.00	54.11 1.01 0.00	52.10 0.99 0.00	74.23 1.16 0.00	55.30 1.09 0.00	67.77 1.26 0.00	50.84 1.10 0.00	59.33 1.23 0.00	37.00 0.73 0.00	36.86 0.75 0.00
SELKIRK___II 23799	36.51 0.45 0.00	38.86 0.54 0.00	35.55 0.56 0.00	34.16 0.55 0.00	32.37 0.53 0.00	44.04 0.79 0.00	79.56 1.05 0.00	63.18 0.78 0.00	63.46 0.66 0.00	52.15 0.70 0.00	46.74 0.62 0.00	39.18 0.56 0.00	43.96 0.58 0.00	46.50 0.59 0.00	50.35 0.85 0.00	53.93 0.84 0.00	52.01 0.89 0.00	74.01 0.94 0.00	55.11 0.90 0.00	67.49 0.99 0.00	50.65 0.91 0.00	59.10 1.01 0.00	36.86 0.60 0.00	36.69 0.58 0.00
SENECA OSWGO___HYD 24041	34.94 -1.12 0.00	37.07 -1.25 0.00	33.84 -1.15 0.00	32.51 -1.10 0.00	30.81 -1.02 0.00	41.90 -1.35 0.00	75.98 -2.53 0.00	60.39 -2.02 0.00	60.74 -2.06 0.00	49.67 -1.78 0.00	44.49 -1.62 0.00	37.28 -1.33 0.00	41.95 -1.43 0.00	44.45 -1.46 0.00	47.93 -1.56 0.00	51.28 -1.81 0.00	49.42 -1.70 0.00	70.64 -2.43 0.00	52.42 -1.80 0.00	64.23 -2.27 0.00	48.01 -1.73 0.00	56.04 -2.06 0.00	35.00 -1.27 0.00	34.86 -1.26 0.00
SENECA___115KV_TB3 355854	33.97 -2.09 0.00	35.68 -2.64 0.00	32.36 -2.63 0.00	31.04 -2.58 0.00	29.48 -2.35 0.00	39.90 -3.35 0.00	71.34 -7.16 0.00	47.42 -6.44 8.55	57.13 -5.67 0.00	44.85 -5.12 1.49	41.74 -4.38 0.00	24.71 -3.78 10.12	38.96 -4.38 0.05	41.81 -4.10 0.00	43.20 -4.57 1.72	46.92 -5.64 0.53	42.11 -5.82 3.19	61.39 -7.91 3.76	47.13 -6.18 0.90	54.51 -7.71 4.29	42.35 -5.80 1.60	37.32 -6.64 14.14	32.65 -3.62 0.00	33.15 -2.96 0.00
SENECA___ENERGY 23797	35.13 -0.94 0.00	37.19 -1.13 0.00	33.92 -1.08 0.00	32.52 -1.10 0.00	30.82 -1.01 0.00	41.95 -1.30 0.00	76.00 -2.51 0.00	61.77 -2.10 -1.46	60.84 -1.96 0.00	49.95 -1.75 -0.25	44.57 -1.54 0.00	39.66 -1.34 -2.38	42.05 -1.35 -0.01	44.61 -1.30 0.00	48.61 -1.36 -0.48	51.55 -1.70 -0.15	50.35 -1.66 -0.89	71.81 -2.31 -1.05	52.71 -1.75 -0.25	65.38 -2.31 -1.18	48.37 -1.71 -0.34	58.97 -2.14 -3.00	34.94 -1.33 0.00	34.90 -1.21 0.00
SHOEMAKER___GT 23640	37.38 1.31 0.00	39.64 1.33 0.00	36.14 1.15 0.00	34.72 1.10 0.00	32.88 1.05 0.00	45.00 1.75 0.00	81.34 2.83 0.00	64.66 2.25 0.00	64.69 1.89 0.00	52.95 1.49 0.00	38.10 1.14 9.16	39.59 0.98 0.00	44.60 1.21 0.00	47.47 1.56 0.00	51.26 1.77 0.00	54.87 1.78 0.00	53.06 1.94 0.00	75.82 2.75 0.00	56.23 2.01 0.00	68.82 2.32 0.00	51.61 1.87 0.00	60.30 2.20 0.00	37.60 1.34 0.00	37.30 1.19 0.00
SHOEMAKR_138KV_BK 111 55601	37.35 1.29 0.00	39.63 1.32 0.00	36.12 1.13 0.00	34.71 1.09 0.00	32.86 1.03 0.00	44.97 1.72 0.00	81.31 2.80 0.00	64.62 2.22 0.00	64.65 1.85 0.00	52.90 1.45 0.00	38.32 1.14 8.94	39.61 0.99 0.00	44.61 1.23 0.00	47.48 1.57 0.00	51.25 1.76 0.00	54.86 1.76 0.00	53.02 1.91 0.00	75.79 2.72 0.00	56.20 1.99 0.00	68.80 2.30 0.00	51.59 1.85 0.00	60.27 2.18 0.00	37.58 1.32 0.00	37.30 1.19 0.00
SHOREHAM_IC_1 23715	37.84 1.77 0.00	40.20 1.89 0.00	36.40 1.41 0.00	35.31 1.69 0.00	33.30 1.47 0.00	46.17 2.92 0.00	82.88 4.37 0.00	66.53 4.13 0.00	66.44 3.64 0.00	53.72 2.26 0.00	57.10 1.64 -9.34	39.78 1.17 0.00	44.90 1.51 0.00	48.26 2.35 0.00	52.02 2.52 0.00	56.98 2.35 -1.54	110.90 3.69 -56.09	103.94 5.04 -25.83	56.20 1.99 0.00	77.25 3.73 -7.01	55.02 2.94 -2.34	60.56 2.46 0.00	40.05 2.27 -1.52	37.85 1.73 0.00
SHOREHAM_IC_2 23716	37.83 1.77 0.00	40.20 1.89 0.00	36.41 1.41 0.00	35.32 1.70 0.00	33.31 1.47 0.00	46.17 2.92 0.00	82.88 4.37 0.00	66.53 4.13 0.00	66.44 3.64 0.00	53.72 2.26 0.00	57.11 1.65 -9.34	39.77 1.16 0.00	44.89 1.51 0.00	48.26 2.35 0.00	52.02 2.53 0.00	56.99 2.36 -1.54	110.89 3.69 -56.09	103.93 5.03 -25.83	56.20 1.99 0.00	77.26 3.74 -7.01	55.03 2.95 -2.34	60.56 2.46 0.00	40.05 2.26 -1.52	37.85 1.74 0.00
SISSONVILLE____ 23735	37.27 1.20 0.00	39.59 1.27 0.00	36.11 1.12 0.00	34.69 1.07 0.00	32.84 1.01 0.00	44.41 1.16 0.00	81.50 3.00 0.00	64.90 2.49 0.00	65.54 2.74 0.00	53.80 2.35 0.00	48.21 2.09 0.00	40.30 1.68 0.00	45.27 1.88 0.00	47.75 1.84 0.00	51.35 1.85 0.00	55.15 2.06 0.00	52.62 1.51 0.00	75.91 2.84 0.00	55.85 1.64 0.00	68.81 2.30 0.00	51.48 1.74 0.00	60.34 2.25 0.00	37.63 1.37 0.00	37.44 1.33 0.00
SITHE_IND_GS1 24169	34.57 -1.49 0.00	36.70 -1.62 0.00	33.51 -1.49 0.00	32.20 -1.41 0.00	30.50 -1.33 0.00	41.44 -1.81 0.00	75.09 -3.42 0.00	58.31 -2.74 1.36	60.08 -2.72 0.00	49.14 -2.31 0.00	44.04 -2.07 0.00	36.90 -1.71 0.00	41.48 -1.91 0.00	43.95 -1.96 0.00	47.38 -2.11 0.00	50.70 -2.39 0.00	48.85 -2.27 0.00	69.77 -3.30 0.00	51.78 -2.43 0.00	63.45 -3.05 0.00	47.47 -2.27 0.00	55.40 -2.70 0.00	34.64 -1.63 0.00	34.53 -1.58 0.00
SITHE_IND_GS2 24170	34.57 -1.49 0.00	36.70 -1.62 0.00	33.51 -1.49 0.00	32.20 -1.41 0.00	30.50 -1.33 0.00	41.44 -1.81 0.00	75.09 -3.42 0.00	58.31 -2.74 1.36	60.08 -2.72 0.00	49.14 -2.31 0.00	44.04 -2.07 0.00	36.90 -1.71 0.00	41.48 -1.91 0.00	43.95 -1.96 0.00	47.38 -2.11 0.00	50.70 -2.39 0.00	48.85 -2.27 0.00	69.77 -3.30 0.00	51.78 -2.43 0.00	63.45 -3.05 0.00	47.47 -2.27 0.00	55.40 -2.70 0.00	34.64 -1.63 0.00	34.53 -1.58 0.00
SITHE_IND_GS3 24171	34.57 -1.49 0.00	36.70 -1.62 0.00	33.51 -1.49 0.00	32.20 -1.41 0.00	30.50 -1.33 0.00	41.44 -1.81 0.00	75.09 -3.42 0.00	58.31 -2.74 1.36	60.08 -2.72 0.00	49.14 -2.31 0.00	44.04 -2.07 0.00	36.90 -1.71 0.00	41.48 -1.91 0.00	43.95 -1.96 0.00	47.38 -2.11 0.00	50.70 -2.39 0.00	48.85 -2.27 0.00	69.77 -3.30 0.00	51.78 -2.43 0.00	63.45 -3.05 0.00	47.47 -2.27 0.00	55.40 -2.70 0.00	34.64 -1.63 0.00	34.53 -1.58 0.00
SITHE_IND_GS4 24172	34.57 -1.49 0.00	36.70 -1.62 0.00	33.51 -1.49 0.00	32.20 -1.41 0.00	30.50 -1.33 0.00	41.44 -1.81 0.00	75.09 -3.42 0.00	58.31 -2.74 1.36	60.08 -2.72 0.00	49.14 -2.31 0.00	44.04 -2.07 0.00	36.90 -1.71 0.00	41.48 -1.91 0.00	43.95 -1.96 0.00	47.38 -2.11 0.00	50.70 -2.39 0.00	48.85 -2.27 0.00	69.77 -3.30 0.00	51.78 -2.43 0.00	63.45 -3.05 0.00	47.47 -2.27 0.00	55.40 -2.70 0.00	34.64 -1.63 0.00	34.53 -1.58 0.00

SITHE___BATAVIA 24024	34.75 -1.32 0.00	36.48 -1.84 0.00	33.14 -1.86 0.00	31.79 -1.83 0.00	30.20 -1.63 0.00	40.93 -2.32 0.00	73.41 -5.10 0.00	51.94 -4.48 5.99	59.11 -3.69 0.00	46.83 -3.58 1.04	43.28 -2.84 0.00	29.14 -2.39 7.08	40.50 -2.86 0.03	43.37 -2.54 0.00	45.57 -2.74 1.19	49.01 -3.71 0.37	45.05 -3.86 2.21	65.35 -5.12 2.61	49.42 -4.17 0.62	58.27 -5.26 2.97	44.61 -4.02 1.11	43.69 -4.64 9.77	33.81 -2.45 0.00	34.27 -1.85 0.00
SITHE___INDEPEND 23800	34.57 -1.49 0.00	36.70 -1.62 0.00	33.51 -1.49 0.00	32.20 -1.42 0.00	30.50 -1.33 0.00	41.44 -1.81 0.00	75.09 -3.42 0.00	58.31 -2.74 1.36	60.08 -2.72 0.00	49.14 -2.31 0.00	44.05 -2.07 0.00	36.90 -1.72 0.00	41.48 -1.91 0.00	43.95 -1.97 0.00	47.38 -2.11 0.00	50.70 -2.40 0.00	48.84 -2.28 0.00	69.77 -3.30 0.00	51.78 -2.43 0.00	63.45 -3.06 0.00	47.47 -2.27 0.00	55.40 -2.70 0.00	34.64 -1.63 0.00	34.53 -1.58 0.00
SITHE___MASSENA 23902	37.01 0.95 0.00	39.31 0.99 0.00	35.87 0.87 0.00	34.45 0.83 0.00	32.62 0.78 0.00	44.14 0.89 0.00	80.66 2.15 0.00	64.17 1.76 0.00	64.89 2.09 0.00	53.31 1.85 0.00	47.82 1.71 0.00	39.96 1.34 0.00	44.85 1.47 0.00	47.33 1.42 0.00	50.89 1.40 0.00	54.75 1.66 0.00	52.48 1.37 0.00	75.53 2.46 0.00	55.80 1.59 0.00	68.62 2.12 0.00	51.21 1.47 0.00	59.88 1.79 0.00	37.35 1.08 0.00	37.23 1.12 0.00
SITHE___OGDNSBRG 24021	37.74 1.67 0.00	40.06 1.75 0.00	36.54 1.54 0.00	35.10 1.48 0.00	33.25 1.42 0.00	45.02 1.77 0.00	82.59 4.08 0.00	65.73 3.32 0.00	66.40 3.61 0.00	54.50 3.04 0.00	48.85 2.74 0.00	40.80 2.19 0.00	45.85 2.47 0.00	48.47 2.56 0.00	52.10 2.61 0.00	56.03 2.94 0.00	53.64 2.53 0.00	77.35 4.28 0.00	57.00 2.79 0.00	70.13 3.62 0.00	52.35 2.61 0.00	61.23 3.13 0.00	38.15 1.89 0.00	37.98 1.87 0.00
SITHE___STERLING 23777	36.67 0.61 0.00	39.04 0.72 0.00	35.65 0.65 0.00	34.26 0.64 0.00	32.46 0.63 0.00	44.30 1.05 0.00	80.70 2.19 0.00	64.04 1.64 0.00	64.35 1.55 0.00	52.44 0.99 0.00	46.95 0.84 0.00	39.39 0.77 0.00	44.35 0.96 -0.01	47.04 1.13 0.00	50.75 1.26 0.00	54.27 1.18 0.00	52.29 1.17 0.00	74.47 1.40 0.00	55.26 1.05 0.00	67.72 1.21 0.00	50.56 0.81 0.00	58.91 0.81 0.00	36.79 0.52 0.00	36.56 0.45 0.00
SLEIGHT__34_KV_TB1 80719	34.78 -1.29 0.00	36.72 -1.60 0.00	33.45 -1.55 0.00	32.08 -1.53 0.00	30.44 -1.39 0.00	41.40 -1.85 0.00	75.00 -3.51 0.00	58.54 -2.98 0.88	60.11 -2.69 0.00	48.83 -2.40 0.23	44.02 -2.10 0.00	36.82 -1.80 0.00	41.40 -1.98 0.00	44.00 -1.91 0.00	47.43 -2.07 0.00	50.52 -2.57 0.00	48.58 -2.54 0.00	69.65 -3.43 0.00	51.53 -2.68 0.00	63.05 -3.45 0.00	47.14 -2.60 0.00	54.94 -3.16 0.00	34.44 -1.83 0.00	34.52 -1.60 0.00
SMITHTWN_69_KV_BK 1 55830	38.04 1.98 0.00	40.26 1.95 0.00	36.54 1.55 0.00	35.21 1.59 0.00	33.27 1.44 0.00	45.87 2.62 0.00	82.40 3.89 0.00	66.08 3.68 0.00	66.02 3.22 0.00	53.77 2.31 0.00	57.33 1.87 -9.34	40.01 1.40 0.00	45.14 1.76 0.00	48.24 2.33 0.00	51.93 2.43 0.00	57.19 2.54 -1.55	111.16 3.45 -56.59	104.03 4.90 -26.06	57.11 2.90 0.00	77.68 4.09 -7.08	55.40 3.30 -2.36	61.38 3.28 0.00	40.04 2.24 -1.53	37.89 1.78 0.00
SOUTH CAIRO___GT 23612	37.42 1.36 0.00	39.83 1.52 0.00	36.46 1.47 0.00	35.04 1.43 0.00	33.27 1.43 0.00	45.33 2.08 0.00	82.15 3.65 0.00	65.36 2.96 0.00	65.50 2.70 0.00	53.96 2.51 0.00	48.05 1.93 0.00	40.04 1.43 0.00	44.96 1.57 0.00	47.30 1.39 0.00	51.44 1.95 0.00	55.51 2.42 0.00	53.67 2.56 0.00	76.79 3.72 0.00	57.18 2.97 0.00	69.93 3.42 0.00	52.33 2.60 0.00	60.92 2.82 0.00	37.87 1.61 0.00	37.66 1.55 0.00
SOUTH HAMPTN___IC 23720	37.85 1.78 0.00	40.09 1.77 0.00	36.54 1.54 0.00	35.41 1.80 0.00	33.43 1.60 0.00	46.59 3.34 0.00	83.68 5.17 0.00	67.27 4.87 0.00	67.13 4.33 0.00	54.20 2.75 0.00	57.47 2.01 -9.34	39.86 1.24 0.00	45.16 1.78 0.00	48.53 2.63 0.00	52.32 2.82 0.00	57.41 2.78 -1.54	111.17 4.09 -55.97	104.03 5.19 -25.77	56.23 2.02 0.00	77.11 3.61 -7.00	54.89 2.82 -2.33	60.43 2.33 0.00	39.88 2.10 -1.52	37.63 1.51 0.00
SOUTHDOW_115KV_TB1 355954	34.65 -1.42 0.00	36.50 -1.82 0.00	33.02 -1.97 0.00	31.54 -2.08 0.00	29.89 -1.94 0.00	40.58 -2.68 0.00	72.81 -5.70 0.00	51.44 -5.30 5.67	58.18 -4.62 0.00	45.18 -4.53 1.74	42.09 -4.03 0.00	22.73 -3.60 12.29	39.40 -3.93 0.05	42.37 -3.54 0.00	43.70 -3.77 2.02	47.71 -4.75 0.63	42.45 -4.93 3.73	61.91 -6.76 4.41	47.89 -5.26 1.05	54.74 -6.74 5.03	42.79 -5.08 1.87	35.57 -5.98 16.56	33.13 -3.14 0.00	33.45 -2.66 0.00
SOUTHOLD_69_KV_BK 2 55809	37.62 1.56 0.00	39.70 1.38 0.00	36.45 1.46 0.00	35.35 1.73 0.00	33.38 1.55 0.00	46.82 3.56 0.00	84.13 5.62 0.00	67.77 5.37 0.00	67.59 4.79 0.00	54.47 3.01 0.00	57.57 2.11 -9.34	39.68 1.07 0.00	45.20 1.81 0.00	48.61 2.70 0.00	52.43 2.94 0.00	57.60 2.97 -1.54	111.38 4.29 -55.97	103.77 4.93 -25.77	55.78 1.57 0.00	76.51 3.01 -7.00	54.40 2.32 -2.34	59.82 1.72 0.00	39.46 1.68 -1.52	37.18 1.07 0.00
SOUTHOLD___IC 23719	37.62 1.56 0.00	39.70 1.38 0.00	36.45 1.46 0.00	35.34 1.72 0.00	33.37 1.54 0.00	46.82 3.56 0.00	84.13 5.62 0.00	67.77 5.36 0.00	67.59 4.79 0.00	54.47 3.02 0.00	57.56 2.10 -9.34	39.70 1.08 0.00	45.20 1.81 0.00	48.61 2.70 0.00	52.42 2.93 0.00	57.60 2.96 -1.54	111.38 4.29 -55.97	103.77 4.93 -25.77	55.78 1.57 0.00	76.51 3.01 -7.00	54.39 2.32 -2.34	59.82 1.72 0.00	39.47 1.68 -1.52	37.18 1.07 0.00
SOUTH_FORK_WT_PWR 323839	37.20 1.14 0.00	39.13 0.81 0.00	36.15 1.17 0.00	35.06 1.44 0.00	33.12 1.29 0.00	46.73 3.48 0.00	83.96 5.45 0.00	67.75 5.35 0.00	67.52 4.72 0.00	54.36 2.90 0.00	57.32 1.86 -9.34	39.31 0.69 0.00	44.94 1.55 0.00	48.37 2.46 0.00	52.17 2.68 0.00	57.34 2.71 -1.54	111.14 4.05 -55.97	102.95 4.10 -25.77	54.88 0.67 0.00	75.41 1.91 -7.00	53.57 1.50 -2.33	58.86 0.76 0.00	38.87 1.09 -1.52	36.56 0.45 0.00
SPIERFLS_115KV_TB 1 80737	36.98 0.92 0.00	39.42 1.10 0.00	36.13 1.14 0.00	34.70 1.08 0.00	33.03 1.20 0.00	44.91 1.66 0.00	81.43 2.92 0.00	64.69 2.29 0.00	64.86 2.06 0.00	53.43 1.97 0.00	47.94 1.82 0.00	40.09 1.48 0.00	44.95 1.57 0.00	47.46 1.54 0.00	51.63 2.14 0.00	55.27 2.17 0.00	53.32 2.20 0.00	75.55 2.48 0.00	56.59 2.38 0.00	69.19 2.69 0.00	51.96 2.21 0.00	60.30 2.21 0.00	37.60 1.34 0.00	37.38 1.27 0.00
ST LAWRENCE____ 23600	36.40 0.34 0.00	38.67 0.35 0.00	35.29 0.30 0.00	33.90 0.28 0.00	32.09 0.26 0.00	43.44 0.19 0.00	79.27 0.76 0.00	63.06 0.65 0.00	63.74 0.95 0.00	52.38 0.93 0.00	47.01 0.89 0.00	39.28 0.66 0.00	44.09 0.71 0.00	46.51 0.60 0.00	50.02 0.52 0.00	53.83 0.73 0.00	51.65 0.53 0.00	74.25 1.18 0.00	54.93 0.72 0.00	67.55 1.05 0.00	50.39 0.65 0.00	58.91 0.81 0.00	36.73 0.46 0.00	36.61 0.49 0.00

STATE_CA_115KV_115_LB 55624	36.55 0.48 0.00	38.91 0.59 0.00	35.61 0.62 0.00	34.22 0.60 0.00	32.45 0.62 0.00	44.15 0.90 0.00	79.72 1.21 0.00	63.32 0.91 0.00	63.68 0.88 0.00	52.36 0.91 0.00	46.98 0.86 0.00	39.40 0.79 0.00	44.17 0.78 0.00	46.69 0.78 0.00	50.65 1.16 0.00	54.23 1.13 0.00	52.30 1.18 0.00	74.35 1.27 0.00	55.41 1.20 0.00	67.83 1.32 0.00	50.90 1.16 0.00	59.35 1.26 0.00	37.00 0.74 0.00	36.85 0.74 0.00
STATE_ST_34_KV_LOAD 55959	35.74 -0.32 0.00	37.87 -0.45 0.00	34.55 -0.44 0.00	33.09 -0.53 0.00	31.35 -0.49 0.00	42.68 -0.57 0.00	77.37 -1.14 0.00	64.73 -1.03 -3.35	61.80 -1.00 0.00	50.98 -1.05 -0.57	45.13 -0.99 0.00	42.75 -0.85 -4.99	42.54 -0.87 -0.03	45.15 -0.76 0.00	49.58 -0.85 -0.94	52.34 -1.04 -0.29	51.90 -0.96 -1.75	73.81 -1.33 -2.07	53.70 -1.00 -0.49	67.48 -1.36 -2.34	49.59 -0.89 -0.73	63.33 -1.25 -6.48	35.51 -0.76 0.00	35.52 -0.59 0.00
STATION_5_MISC_HYD 23604	34.71 -1.35 0.00	36.56 -1.76 0.00	33.27 -1.72 0.00	31.93 -1.69 0.00	30.31 -1.53 0.00	41.14 -2.11 0.00	74.22 -4.29 0.00	54.53 -3.71 4.16	59.64 -3.16 0.00	47.89 -2.84 0.73	43.74 -2.38 0.00	31.56 -2.08 4.98	41.01 -2.35 0.02	43.73 -2.18 0.00	46.31 -2.37 0.81	49.80 -3.04 0.25	46.54 -3.07 1.51	67.19 -4.10 1.78	50.53 -3.26 0.42	60.37 -4.11 2.03	45.84 -3.15 0.75	47.75 -3.70 6.65	34.22 -2.05 0.00	34.43 -1.68 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.97 -1.09 0.00	36.93 -1.39 0.00	33.64 -1.36 0.00	32.28 -1.33 0.00	30.63 -1.20 0.00	41.66 -1.60 0.00	75.41 -3.10 0.00	57.66 -2.67 2.07	60.47 -2.32 0.00	48.98 -2.11 0.36	44.25 -1.86 0.00	34.70 -1.61 2.30	41.62 -1.76 0.01	44.21 -1.70 0.00	47.21 -1.86 0.42	50.59 -2.38 0.13	48.00 -2.35 0.77	69.02 -3.15 0.91	51.51 -2.49 0.22	62.29 -3.18 1.04	46.91 -2.42 0.41	51.57 -2.90 3.62	34.62 -1.65 0.00	34.70 -1.41 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.55 -1.51 0.00	36.42 -1.90 0.00	33.15 -1.84 0.00	31.80 -1.82 0.00	30.19 -1.65 0.00	40.98 -2.27 0.00	73.97 -4.54 0.00	54.80 -3.89 3.72	59.40 -3.39 0.00	47.83 -2.98 0.65	43.58 -2.54 0.00	32.01 -2.20 4.40	40.88 -2.48 0.02	43.56 -2.35 0.00	46.23 -2.54 0.72	49.65 -3.22 0.22	46.56 -3.22 1.33	67.16 -4.34 1.58	50.43 -3.40 0.38	60.39 -4.32 1.80	45.78 -3.29 0.67	48.31 -3.87 5.92	34.10 -2.16 0.00	34.28 -1.83 0.00
STA_56___34_KV_BUS2 355983	34.55 -1.51 0.00	36.42 -1.90 0.00	33.15 -1.84 0.00	31.80 -1.82 0.00	30.19 -1.65 0.00	40.98 -2.27 0.00	73.97 -4.54 0.00	54.80 -3.89 3.72	59.40 -3.39 0.00	47.83 -2.98 0.65	43.58 -2.54 0.00	32.01 -2.20 4.40	40.88 -2.48 0.02	43.56 -2.35 0.00	46.23 -2.54 0.72	49.65 -3.22 0.22	46.56 -3.22 1.33	67.16 -4.34 1.58	50.43 -3.40 0.38	60.39 -4.32 1.80	45.78 -3.29 0.67	48.31 -3.87 5.92	34.10 -2.16 0.00	34.28 -1.83 0.00
STA_67___115KV_BK2 355882	34.65 -1.42 0.00	36.50 -1.82 0.00	33.22 -1.78 0.00	31.86 -1.75 0.00	30.25 -1.58 0.00	41.05 -2.20 0.00	74.06 -4.46 0.00	54.40 -3.85 4.15	59.48 -3.31 0.00	47.79 -2.94 0.72	43.63 -2.49 0.00	31.47 -2.18 4.96	40.92 -2.44 0.02	43.61 -2.30 0.00	46.18 -2.50 0.81	49.64 -3.20 0.25	46.40 -3.22 1.50	66.98 -4.31 1.78	50.38 -3.40 0.42	60.16 -4.32 2.02	45.72 -3.28 0.75	47.62 -3.84 6.64	34.15 -2.12 0.00	34.36 -1.75 0.00
STA_7___115KV_9TRANS 80674	34.85 -1.21 0.00	36.70 -1.61 0.00	33.40 -1.59 0.00	32.04 -1.57 0.00	30.42 -1.41 0.00	41.31 -1.95 0.00	74.58 -3.93 0.00	54.84 -3.40 4.16	59.95 -2.85 0.00	48.16 -2.57 0.73	43.97 -2.15 0.00	31.76 -1.88 4.98	41.24 -2.12 0.02	43.98 -1.94 0.00	46.58 -2.11 0.81	50.07 -2.77 0.25	46.82 -2.79 1.51	67.61 -3.68 1.78	50.83 -2.96 0.42	60.70 -3.78 2.03	46.11 -2.88 0.75	48.03 -3.42 6.65	34.39 -1.88 0.00	34.58 -1.53 0.00
STA_82___115KV_TB1 80780	34.66 -1.40 0.00	36.51 -1.81 0.00	33.23 -1.77 0.00	31.88 -1.74 0.00	30.26 -1.57 0.00	41.07 -2.18 0.00	74.08 -4.44 0.00	54.38 -3.83 4.20	59.51 -3.29 0.00	47.80 -2.93 0.73	43.64 -2.47 0.00	31.42 -2.16 5.03	40.93 -2.44 0.02	43.63 -2.28 0.00	46.20 -2.47 0.82	49.67 -3.17 0.25	46.42 -3.18 1.52	67.02 -4.27 1.79	50.42 -3.37 0.43	60.21 -4.25 2.04	45.74 -3.25 0.76	47.58 -3.81 6.71	34.17 -2.10 0.00	34.38 -1.74 0.00
STEEL___WIND 323596	33.93 -2.13 0.00	35.64 -2.68 0.00	32.33 -2.67 0.00	30.99 -2.63 0.00	29.44 -2.40 0.00	39.84 -3.42 0.00	71.23 -7.29 0.00	47.32 -6.54 8.55	57.02 -5.78 0.00	44.74 -5.22 1.49	41.64 -4.47 0.00	24.64 -3.85 10.12	38.87 -4.47 0.05	41.69 -4.22 0.00	43.12 -4.65 1.72	46.82 -5.75 0.53	42.01 -5.92 3.19	61.27 -8.04 3.76	47.02 -6.29 0.90	54.37 -7.84 4.29	42.26 -5.88 1.60	37.22 -6.74 14.14	32.58 -3.69 0.00	33.09 -3.02 0.00
STEPHTWN_115KV_BK_2 55603	36.77 0.70 0.00	39.15 0.83 0.00	35.79 0.80 0.00	34.37 0.75 0.00	32.65 0.82 0.00	44.47 1.22 0.00	80.42 1.91 0.00	63.82 1.41 0.00	64.15 1.35 0.00	52.73 1.28 0.00	47.17 1.06 0.00	39.51 0.90 0.00	44.38 0.99 0.00	46.90 0.99 0.00	50.92 1.42 0.00	54.50 1.41 0.00	52.55 1.44 0.00	74.80 1.73 0.00	55.78 1.57 0.00	68.26 1.76 0.00	51.21 1.46 0.00	59.70 1.60 0.00	37.17 0.90 0.00	37.03 0.92 0.00
STEBEN_REC_LFGE 323667	34.52 -1.54 0.00	36.35 -1.97 0.00	33.04 -1.95 0.00	31.81 -1.81 0.00	30.07 -1.77 0.00	41.05 -2.20 0.00	73.66 -4.85 0.00	31.45 -4.67 26.28	57.89 -4.90 0.01	41.69 -5.03 4.74	41.52 -4.59 0.00	-2.42 -4.14 36.89	38.30 -4.93 0.15	41.38 -4.53 0.00	38.46 -5.19 5.85	45.20 -6.07 1.82	34.30 -5.98 10.83	52.21 -8.08 12.79	45.10 -6.06 3.05	44.66 -7.28 14.56	38.58 -5.83 5.34	4.25 -6.68 47.17	32.24 -4.03 0.00	32.56 -3.56 0.00
STILLWATER___SOLAR 323814	37.13 1.07 0.00	39.56 1.24 0.00	36.21 1.22 0.00	34.78 1.16 0.00	33.07 1.24 0.00	44.98 1.73 0.00	81.39 2.88 0.00	64.63 2.22 0.00	64.82 2.02 0.00	53.29 1.83 0.00	47.76 1.64 0.00	40.01 1.40 0.00	44.90 1.52 0.00	47.48 1.57 0.00	51.58 2.09 0.00	55.23 2.13 0.00	53.29 2.18 0.00	75.68 2.61 0.00	56.52 2.31 0.00	69.18 2.68 0.00	51.91 2.16 0.00	60.38 2.28 0.00	37.65 1.38 0.00	37.44 1.33 0.00
STONY___BROOK 24151	37.98 1.91 0.00	40.22 1.90 0.00	36.49 1.50 0.00	35.20 1.58 0.00	33.26 1.43 0.00	45.88 2.63 0.00	82.39 3.88 0.00	66.09 3.69 0.00	66.04 3.24 0.00	53.76 2.31 0.00	57.28 1.82 -9.34	39.99 1.37 0.00	45.12 1.73 0.00	48.23 2.32 0.00	51.93 2.44 0.00	57.14 2.50 -1.55	110.94 3.45 -56.37	103.90 4.86 -25.96	57.00 2.79 0.00	77.58 4.03 -7.05	55.30 3.21 -2.35	61.23 3.13 0.00	40.02 2.23 -1.53	37.87 1.76 0.00
STURGEON_POOL_HYD 23609	37.57 1.51 0.00	39.85 1.53 0.00	36.32 1.33 0.00	34.90 1.28 0.00	33.04 1.21 0.00	45.24 1.99 0.00	81.71 3.20 0.00	65.02 2.61 0.00	65.09 2.29 0.00	53.31 1.85 0.00	47.64 1.53 0.00	39.89 1.28 0.00	44.96 1.58 0.00	47.83 1.92 0.00	51.56 2.07 0.00	55.19 2.09 0.00	53.35 2.24 0.00	76.20 3.13 0.00	56.50 2.28 0.00	69.14 2.64 0.00	51.87 2.13 0.00	60.63 2.53 0.00	37.85 1.58 0.00	37.50 1.39 0.00

ST_LAW_115_BK7_LBMP 345037	36.46 0.40 0.00	38.73 0.42 0.00	35.34 0.35 0.00	33.94 0.33 0.00	32.14 0.31 0.00	43.48 0.23 0.00	79.42 0.90 0.00	63.18 0.77 0.00	63.88 1.08 0.00	52.49 1.03 0.00	47.11 1.00 0.00	39.36 0.75 0.00	44.17 0.79 0.00	46.59 0.68 0.00	50.10 0.61 0.00	53.92 0.83 0.00	51.73 0.62 0.00	74.39 1.32 0.00	55.02 0.81 0.00	67.63 1.13 0.00	50.47 0.73 0.00	59.00 0.90 0.00	36.79 0.53 0.00	36.67 0.56 0.00
ST_LAW_115_BK8_LBMP 345038	36.46 0.40 0.00	38.73 0.42 0.00	35.34 0.35 0.00	33.94 0.33 0.00	32.14 0.31 0.00	43.48 0.23 0.00	79.42 0.90 0.00	63.18 0.77 0.00	63.88 1.08 0.00	52.49 1.03 0.00	47.11 1.00 0.00	39.36 0.75 0.00	44.17 0.79 0.00	46.59 0.68 0.00	50.10 0.61 0.00	53.92 0.83 0.00	51.73 0.62 0.00	74.39 1.32 0.00	55.02 0.81 0.00	67.63 1.13 0.00	50.47 0.73 0.00	59.00 0.90 0.00	36.79 0.53 0.00	36.67 0.56 0.00
ST_LAW_230_BK5_LBMP 345035	36.40 0.34 0.00	38.67 0.35 0.00	35.29 0.30 0.00	33.90 0.28 0.00	32.09 0.26 0.00	43.44 0.19 0.00	79.27 0.76 0.00	63.06 0.65 0.00	63.74 0.95 0.00	52.38 0.93 0.00	47.01 0.89 0.00	39.28 0.66 0.00	44.09 0.71 0.00	46.51 0.60 0.00	50.02 0.52 0.00	53.83 0.73 0.00	51.65 0.53 0.00	74.25 1.18 0.00	54.93 0.72 0.00	67.55 1.05 0.00	50.39 0.65 0.00	58.91 0.81 0.00	36.73 0.46 0.00	36.61 0.49 0.00
ST_LAW_230_BK6_LBMP 345036	36.40 0.34 0.00	38.67 0.35 0.00	35.29 0.30 0.00	33.90 0.28 0.00	32.09 0.26 0.00	43.44 0.19 0.00	79.27 0.76 0.00	63.06 0.65 0.00	63.74 0.95 0.00	52.38 0.93 0.00	47.01 0.89 0.00	39.28 0.66 0.00	44.09 0.71 0.00	46.51 0.60 0.00	50.02 0.52 0.00	53.83 0.73 0.00	51.65 0.53 0.00	74.25 1.18 0.00	54.93 0.72 0.00	67.55 1.05 0.00	50.39 0.65 0.00	58.91 0.81 0.00	36.73 0.46 0.00	36.61 0.49 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.46 1.40 0.00	39.73 1.41 0.00	36.20 1.21 0.00	34.78 1.16 0.00	32.94 1.10 0.00	45.12 1.87 0.00	81.56 3.05 0.00	64.83 2.42 0.00	64.82 2.02 0.00	53.04 1.59 0.00	37.53 1.30 9.88	39.75 1.13 0.00	44.80 1.42 0.00	47.69 1.78 0.00	51.43 1.94 0.00	55.01 1.92 0.00	53.19 2.08 0.00	76.04 2.97 0.00	56.39 2.18 0.00	69.01 2.50 0.00	51.75 2.01 0.00	60.47 2.37 0.00	37.72 1.45 0.00	37.41 1.30 0.00
SWANROAD_115KV_TB1 355699	33.24 -2.83 0.00	34.83 -3.48 0.00	31.62 -3.37 0.00	30.32 -3.30 0.00	28.83 -3.00 0.00	38.78 -4.47 0.00	68.89 -9.62 0.00	46.96 -8.29 7.15	55.40 -7.40 0.00	43.98 -6.23 1.25	40.80 -5.32 0.00	25.86 -4.32 8.44	37.96 -5.39 0.04	40.69 -5.22 0.00	42.34 -5.72 1.43	45.61 -7.04 0.45	41.23 -7.23 2.65	59.95 -9.99 3.13	45.73 -7.73 0.75	53.38 -9.55 3.57	41.26 -7.15 1.33	38.30 -8.04 11.75	31.97 -4.30 0.00	32.62 -3.49 0.00
SYNERGY___BIOGAS 323694	34.75 -1.32 0.00	36.47 -1.84 0.00	33.14 -1.85 0.00	31.79 -1.83 0.00	30.20 -1.63 0.00	40.92 -2.33 0.00	73.42 -5.08 0.00	51.94 -4.47 5.99	59.11 -3.69 0.00	46.87 -3.55 1.04	43.26 -2.85 0.00	29.18 -2.35 7.08	40.50 -2.85 0.03	43.37 -2.54 0.00	45.56 -2.74 1.19	48.98 -3.74 0.37	45.05 -3.86 2.21	65.35 -5.12 2.61	49.41 -4.18 0.62	58.27 -5.27 2.97	44.61 -4.03 1.11	43.70 -4.63 9.77	33.82 -2.44 0.00	34.27 -1.84 0.00
SYRACUSE___ENERGY_ST1 323597	35.43 -0.63 0.00	37.62 -0.70 0.00	34.33 -0.67 0.00	32.96 -0.65 0.00	31.24 -0.60 0.00	42.51 -0.75 0.00	77.10 -1.41 0.00	61.71 -1.21 -0.52	61.62 -1.18 0.00	50.31 -1.15 0.00	45.06 -1.06 0.00	39.50 -0.88 -1.76	42.49 -0.90 -0.01	45.06 -0.85 0.00	48.91 -0.93 -0.34	52.07 -1.13 -0.11	50.70 -1.05 -0.64	72.30 -1.53 -0.75	53.27 -1.13 -0.18	65.85 -1.50 -0.85	48.90 -1.09 -0.25	58.96 -1.35 -2.21	35.43 -0.84 0.00	35.33 -0.78 0.00
SYRACUSE___ENERGY_ST2 323598	35.43 -0.63 0.00	37.62 -0.70 0.00	34.33 -0.67 0.00	32.96 -0.65 0.00	31.24 -0.60 0.00	42.51 -0.75 0.00	77.10 -1.41 0.00	61.71 -1.21 -0.52	61.62 -1.18 0.00	50.31 -1.15 0.00	45.06 -1.06 0.00	39.50 -0.88 -1.76	42.49 -0.90 -0.01	45.06 -0.85 0.00	48.91 -0.93 -0.34	52.07 -1.13 -0.11	50.70 -1.05 -0.64	72.30 -1.53 -0.75	53.27 -1.13 -0.18	65.85 -1.50 -0.85	48.90 -1.09 -0.25	58.96 -1.35 -2.21	35.43 -0.84 0.00	35.33 -0.78 0.00
SYRACUSE___POWER 24017	35.47 -0.60 0.00	37.64 -0.68 0.00	34.35 -0.64 0.00	32.99 -0.63 0.00	31.26 -0.57 0.00	42.55 -0.70 0.00	77.14 -1.37 0.00	63.05 -1.18 -1.83	61.67 -1.13 0.00	50.66 -1.11 -0.31	45.10 -1.01 0.00	40.43 -0.84 -2.66	42.54 -0.86 -0.01	45.12 -0.79 0.00	49.08 -0.86 -0.46	52.17 -1.07 -0.14	50.98 -0.99 -0.85	72.64 -1.43 -1.00	53.39 -1.06 -0.24	66.25 -1.39 -1.14	49.09 -1.04 -0.39	60.27 -1.30 -3.47	35.47 -0.79 0.00	35.35 -0.76 0.00
TALLMAN__138KV_BK151 55660	37.59 1.52 0.00	39.83 1.51 0.00	36.27 1.28 0.00	34.85 1.24 0.00	33.01 1.18 0.00	45.28 2.03 0.00	81.83 3.32 0.00	65.04 2.64 0.00	64.95 2.15 0.00	53.12 1.66 0.00	47.50 1.39 0.00	39.84 1.23 0.00	44.95 1.57 0.00	47.86 1.95 0.00	51.59 2.10 0.00	55.20 2.10 0.00	53.40 2.28 0.00	76.37 3.30 0.00	56.61 2.40 0.00	69.25 2.74 0.00	51.93 2.18 0.00	60.68 2.58 0.00	37.85 1.59 0.00	37.54 1.43 0.00
TEALLAVE_115KV_TB7 355573	35.25 -0.82 0.00	37.40 -0.92 0.00	34.13 -0.86 0.00	32.79 -0.83 0.00	31.07 -0.76 0.00	42.27 -0.98 0.00	76.57 -1.94 0.00	60.78 -1.62 0.00	61.22 -1.58 0.00	50.02 -1.43 0.00	44.83 -1.29 0.00	37.54 -1.07 0.00	42.25 -1.14 0.00	44.81 -1.10 0.00	48.31 -1.18 0.00	51.66 -1.44 0.00	49.77 -1.34 0.00	71.11 -1.96 0.00	52.75 -1.46 0.00	64.62 -1.89 0.00	48.32 -1.42 0.00	56.39 -1.71 0.00	35.23 -1.04 0.00	35.11 -1.00 0.00
TELGRAPH_34_KV_EAST 80808	33.97 -2.09 0.00	35.65 -2.67 0.00	32.37 -2.62 0.00	31.04 -2.58 0.00	29.50 -2.33 0.00	39.84 -3.41 0.00	71.19 -7.32 0.00	49.49 -6.38 6.54	57.22 -5.57 0.00	45.46 -4.85 1.14	42.02 -4.10 0.00	27.55 -3.35 7.71	39.20 -4.15 0.03	42.01 -3.90 0.00	43.91 -4.28 1.31	47.28 -5.41 0.41	43.12 -5.58 2.42	62.65 -7.57 2.86	47.56 -5.97 0.68	55.83 -7.42 3.25	42.94 -5.60 1.21	41.07 -6.33 10.71	32.89 -3.38 0.00	33.41 -2.70 0.00
TEMPLE___115KV_TB 2 55572	35.25 -0.82 0.00	37.40 -0.92 0.00	34.14 -0.86 0.00	32.79 -0.83 0.00	31.07 -0.76 0.00	42.28 -0.97 0.00	76.59 -1.92 0.00	60.79 -1.62 0.00	61.23 -1.57 0.00	50.03 -1.42 0.00	44.84 -1.28 0.00	37.55 -1.07 0.00	42.26 -1.13 0.00	44.81 -1.10 0.00	48.32 -1.17 0.00	51.68 -1.42 0.00	49.80 -1.32 0.00	71.12 -1.95 0.00	52.76 -1.45 0.00	64.64 -1.86 0.00	48.33 -1.41 0.00	56.39 -1.71 0.00	35.24 -1.03 0.00	35.12 -0.99 0.00
TIANA____69_KV_BK 1 55817	37.91 1.85 0.00	40.19 1.87 0.00	36.55 1.56 0.00	35.42 1.81 0.00	33.45 1.62 0.00	46.50 3.25 0.00	83.50 5.00 0.00	67.10 4.69 0.00	66.99 4.19 0.00	54.12 2.66 0.00	57.43 1.97 -9.34	39.89 1.28 0.00	45.14 1.76 0.00	48.51 2.60 0.00	52.27 2.78 0.00	57.36 2.73 -1.54	111.11 4.02 -55.97	104.12 5.28 -25.77	56.40 2.19 0.00	77.32 3.82 -7.00	55.06 2.99 -2.34	60.64 2.54 0.00	39.99 2.21 -1.52	37.76 1.65 0.00

TILDEN___115KV_TB1 80814	35.47 -0.60 0.00	37.64 -0.68 0.00	34.35 -0.64 0.00	32.99 -0.63 0.00	31.26 -0.57 0.00	42.55 -0.70 0.00	77.14 -1.37 0.00	63.05 -1.18 -1.83	61.67 -1.13 0.00	50.66 -1.11 -0.31	45.10 -1.01 0.00	40.43 -0.84 -2.66	42.54 -0.86 -0.01	45.12 -0.79 0.00	49.08 -0.86 -0.46	52.17 -1.07 -0.14	50.98 -0.99 -0.85	72.64 -1.43 -1.00	53.39 -1.06 -0.24	66.25 -1.39 -1.14	49.09 -1.04 -0.39	60.27 -1.30 -3.47	35.47 -0.79 0.00	35.35 -0.76 0.00
TRIGEN___CC 323695	38.04 1.97 0.00	40.24 1.93 0.00	36.58 1.59 0.00	35.17 1.56 0.00	33.27 1.43 0.00	45.68 2.43 0.00	82.10 3.59 0.00	65.67 3.27 0.00	65.59 2.79 0.00	53.66 2.20 0.00	57.45 1.98 -9.34	40.25 1.64 0.00	45.43 2.04 0.00	48.34 2.42 0.00	52.02 2.52 0.00	58.44 2.60 -2.75	154.13 3.00 -100.01	123.39 4.26 -46.05	57.18 2.97 0.00	82.77 3.75 -12.51	56.91 3.00 -4.17	61.40 3.30 0.00	41.02 2.05 -2.71	37.84 1.73 0.00
TRINITY___115KV__4 BK 55933	36.40 0.34 0.00	38.75 0.44 0.00	35.47 0.48 0.00	34.09 0.47 0.00	32.33 0.50 0.00	43.97 0.72 0.00	79.37 0.86 0.00	63.02 0.61 0.00	63.36 0.57 0.00	52.11 0.66 0.00	46.76 0.65 0.00	39.20 0.59 0.00	43.94 0.56 0.00	46.44 0.53 0.00	50.36 0.87 0.00	53.93 0.84 0.00	52.00 0.88 0.00	73.91 0.84 0.00	55.12 0.91 0.00	67.49 0.99 0.00	50.66 0.92 0.00	59.08 0.99 0.00	36.84 0.58 0.00	36.70 0.59 0.00
UNION___PROCESSING_DRP 323587	34.67 -1.39 0.00	36.51 -1.80 0.00	33.23 -1.76 0.00	31.88 -1.74 0.00	30.27 -1.56 0.00	41.08 -2.17 0.00	74.10 -4.41 0.00	54.40 -3.82 4.18	59.53 -3.27 0.00	47.81 -2.92 0.73	43.65 -2.47 0.00	31.45 -2.15 5.01	40.93 -2.43 0.02	43.64 -2.27 0.00	46.22 -2.46 0.81	49.69 -3.15 0.25	46.43 -3.18 1.51	67.04 -4.25 1.78	50.44 -3.35 0.42	60.22 -4.25 2.03	45.76 -3.23 0.75	47.63 -3.79 6.67	34.17 -2.10 0.00	34.38 -1.73 0.00
UPPER HUDSON___HYD 24058	36.98 0.92 0.00	39.42 1.10 0.00	36.13 1.14 0.00	34.70 1.08 0.00	33.03 1.20 0.00	44.91 1.66 0.00	81.44 2.93 0.00	64.69 2.29 0.00	64.86 2.06 0.00	53.43 1.97 0.00	47.94 1.82 0.00	40.09 1.48 0.00	44.96 1.57 0.00	47.45 1.54 0.00	51.63 2.14 0.00	55.26 2.17 0.00	53.32 2.20 0.00	75.55 2.48 0.00	56.59 2.38 0.00	69.20 2.69 0.00	51.96 2.22 0.00	60.30 2.21 0.00	37.60 1.34 0.00	37.38 1.27 0.00
UPPER RAQUET___HYD 24056	37.27 1.20 0.00	39.58 1.27 0.00	36.11 1.12 0.00	34.68 1.07 0.00	32.84 1.01 0.00	44.41 1.16 0.00	81.51 3.00 0.00	64.90 2.49 0.00	65.54 2.74 0.00	53.80 2.35 0.00	48.21 2.09 0.00	40.30 1.69 0.00	45.27 1.88 0.00	47.75 1.84 0.00	51.34 1.85 0.00	55.14 2.05 0.00	52.62 1.50 0.00	75.91 2.84 0.00	55.85 1.64 0.00	68.81 2.30 0.00	51.48 1.74 0.00	60.34 2.24 0.00	37.63 1.37 0.00	37.44 1.33 0.00
VALLEY44_115KV_TB2 355964	34.28 -1.78 0.00	36.08 -2.23 0.00	32.71 -2.28 0.00	31.43 -2.19 0.00	29.87 -1.97 0.00	40.72 -2.54 0.00	73.43 -5.08 0.00	47.97 -4.94 9.49	58.22 -4.58 0.00	45.12 -4.52 1.82	42.08 -4.03 0.00	22.00 -3.66 12.96	39.27 -4.05 0.05	42.28 -3.63 0.00	43.32 -4.06 2.11	47.66 -4.77 0.66	42.42 -4.79 3.91	62.17 -6.29 4.62	48.08 -5.03 1.10	54.98 -6.26 5.26	43.03 -4.75 1.96	35.32 -5.43 17.35	33.17 -3.10 0.00	33.53 -2.58 0.00
VALLEY___115KV_TB 1-4 80826	37.12 1.06 0.00	39.51 1.20 0.00	36.14 1.15 0.00	34.78 1.16 0.00	32.97 1.14 0.00	45.03 1.78 0.00	81.64 3.13 0.00	64.83 2.43 0.00	64.85 2.05 0.00	52.78 1.33 0.00	47.08 0.96 0.00	39.47 0.86 0.00	44.35 0.96 0.00	47.40 1.49 0.00	51.50 2.01 0.00	55.19 2.10 0.00	53.02 1.90 0.00	75.37 2.30 0.00	56.08 1.87 0.00	68.69 2.19 0.00	51.18 1.44 0.00	59.53 1.43 0.00	37.13 0.87 0.00	36.95 0.84 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.39 1.32 0.00	39.74 1.42 0.00	36.31 1.31 0.00	34.89 1.28 0.00	33.07 1.24 0.00	45.09 1.84 0.00	81.81 3.30 0.00	64.86 2.45 0.00	65.05 2.25 0.00	53.27 1.81 0.00	47.58 1.47 0.00	39.81 1.20 0.00	44.75 1.35 -0.01	47.52 1.61 0.00	51.56 1.76 -0.30	54.99 1.80 -0.09	53.49 1.81 -0.56	76.26 2.53 -0.66	56.25 1.89 -0.16	69.44 2.23 -0.70	51.46 1.72 0.00	60.13 2.03 0.00	37.50 1.23 0.00	37.29 1.17 0.00
VISCHER___FERRY HYD 24020	36.71 0.64 0.00	39.11 0.79 0.00	35.81 0.82 0.00	34.40 0.78 0.00	32.70 0.87 0.00	44.44 1.19 0.00	80.21 1.70 0.00	63.67 1.26 0.00	63.88 1.08 0.00	52.59 1.13 0.00	47.20 1.09 0.00	39.58 0.97 0.00	44.37 0.99 0.00	46.84 0.93 0.00	50.91 1.41 0.00	54.52 1.42 0.00	52.57 1.46 0.00	74.59 1.52 0.00	55.78 1.57 0.00	68.29 1.78 0.00	51.27 1.53 0.00	59.71 1.62 0.00	37.26 1.00 0.00	37.08 0.97 0.00
V_A_10_SYNC_DSASP 323832	33.84 -2.22 0.00	35.58 -2.74 0.00	32.33 -2.66 0.00	31.01 -2.61 0.00	29.45 -2.38 0.00	39.86 -3.39 0.00	71.47 -7.05 0.00	50.64 -6.15 5.61	57.33 -5.47 0.00	45.71 -4.77 0.98	42.03 -4.09 0.00	28.45 -3.52 6.65	39.29 -4.06 0.03	42.00 -3.91 0.00	44.06 -4.31 1.12	47.42 -5.33 0.35	43.63 -5.41 2.07	63.26 -7.36 2.45	47.89 -5.73 0.58	56.59 -7.12 2.79	43.38 -5.32 1.04	42.82 -6.12 9.16	32.93 -3.34 0.00	33.34 -2.77 0.00
V_CMM_10_SYNC_DSASP 323787	36.65 0.58 0.00	38.93 0.61 0.00	35.52 0.52 0.00	34.12 0.50 0.00	32.30 0.47 0.00	43.71 0.46 0.00	79.80 1.29 0.00	63.48 1.08 0.00	64.20 1.40 0.00	52.76 1.31 0.00	47.36 1.24 0.00	39.55 0.94 0.00	44.39 1.01 0.00	46.84 0.93 0.00	50.37 0.88 0.00	54.20 1.11 0.00	52.00 0.88 0.00	74.79 1.72 0.00	55.29 1.08 0.00	67.99 1.49 0.00	50.73 0.99 0.00	59.27 1.18 0.00	36.99 0.72 0.00	36.86 0.75 0.00
V_CMP_10_SYNC_DSASP 323788	36.60 0.54 0.00	38.85 0.54 0.00	35.51 0.52 0.00	34.12 0.50 0.00	32.30 0.47 0.00	43.67 0.42 0.00	79.81 1.30 0.00	63.49 1.09 0.00	64.35 1.56 0.00	52.93 1.48 0.00	47.75 1.63 0.00	39.86 1.25 0.00	44.67 1.29 0.00	47.16 1.25 0.00	50.69 1.20 0.00	54.51 1.42 0.00	52.04 0.92 0.00	75.38 2.31 0.00	55.85 1.64 0.00	68.68 2.18 0.00	51.17 1.42 0.00	59.58 1.48 0.00	36.99 0.72 0.00	36.73 0.62 0.00
V_D_10_SYNC_DSASP 323841	36.99 0.93 0.00	39.30 0.98 0.00	35.85 0.86 0.00	34.44 0.82 0.00	32.61 0.78 0.00	44.13 0.87 0.00	80.64 2.13 0.00	64.15 1.74 0.00	64.86 2.06 0.00	53.30 1.84 0.00	47.81 1.70 0.00	39.94 1.33 0.00	44.83 1.45 0.00	47.32 1.41 0.00	50.87 1.38 0.00	54.73 1.64 0.00	52.46 1.34 0.00	75.50 2.43 0.00	55.78 1.57 0.00	68.59 2.09 0.00	51.19 1.45 0.00	59.86 1.76 0.00	37.34 1.08 0.00	37.22 1.11 0.00
V_E_10_SYNC_DSASP 323830	37.25 1.19 0.00	39.68 1.36 0.00	36.28 1.29 0.00	34.86 1.25 0.00	33.10 1.27 0.00	45.29 2.04 0.00	82.85 4.34 0.00	74.78 2.88 -9.50	65.12 2.32 0.00	54.07 0.97 -1.64	46.63 0.52 0.00	51.40 -0.13 -12.92	43.16 -0.29 -0.06	45.89 -0.02 0.00	52.02 0.05 -2.48	54.16 0.29 -0.77	56.26 0.55 -4.59	79.21 0.72 -5.42	56.18 0.68 -1.29	73.09 0.46 -6.13	52.19 0.49 -1.96	76.03 0.59 -17.35	36.50 0.24 0.00	36.32 0.21 0.00

V_F_30_NSYNC___DSASP 323816	37.19 1.13 0.00	39.61 1.30 0.00	36.25 1.26 0.00	34.82 1.20 0.00	33.10 1.27 0.00	45.05 1.79 0.00	81.51 3.00 0.00	64.73 2.32 0.00	64.92 2.13 0.00	53.34 1.88 0.00	47.82 1.70 0.00	40.07 1.46 0.00	44.96 1.58 0.00	47.55 1.64 0.00	51.64 2.15 0.00	55.28 2.19 0.00	53.36 2.25 0.00	75.78 2.71 0.00	56.57 2.36 0.00	69.26 2.75 0.00	51.95 2.21 0.00	60.44 2.35 0.00	37.67 1.41 0.00	37.47 1.36 0.00
V_F_30_SYNC_DSASP 323786	36.55 0.48 0.00	38.90 0.59 0.00	35.61 0.62 0.00	34.21 0.59 0.00	32.45 0.62 0.00	44.15 0.90 0.00	79.71 1.20 0.00	63.30 0.89 0.00	63.67 0.87 0.00	52.36 0.90 0.00	46.97 0.85 0.00	39.39 0.78 0.00	44.16 0.77 0.00	46.68 0.77 0.00	50.64 1.15 0.00	54.22 1.12 0.00	52.29 1.17 0.00	74.34 1.26 0.00	55.39 1.18 0.00	67.82 1.32 0.00	50.89 1.15 0.00	59.34 1.24 0.00	37.00 0.73 0.00	36.84 0.73 0.00
V_XM_10_SYNC_DSASP 323789	36.60 0.54 0.00	38.85 0.54 0.00	35.51 0.52 0.00	34.12 0.50 0.00	32.30 0.47 0.00	43.67 0.42 0.00	79.81 1.30 0.00	63.49 1.09 0.00	64.35 1.56 0.00	52.93 1.48 0.00	47.75 1.63 0.00	39.86 1.25 0.00	44.67 1.29 0.00	47.16 1.25 0.00	50.69 1.20 0.00	54.51 1.42 0.00	52.04 0.92 0.00	75.38 2.31 0.00	55.85 1.64 0.00	68.68 2.18 0.00	51.17 1.42 0.00	59.58 1.48 0.00	36.99 0.72 0.00	36.73 0.62 0.00
W.BABYLN_69_KV_BK1 56697	38.40 2.34 0.00	40.59 2.27 0.00	36.87 1.88 0.00	35.48 1.86 0.00	33.54 1.71 0.00	46.19 2.94 0.00	83.03 4.52 0.00	66.60 4.19 0.00	66.51 3.71 0.00	54.30 2.85 0.00	57.86 2.40 -9.34	40.45 1.84 0.00	45.70 2.31 0.00	48.69 2.78 0.00	52.38 2.89 0.00	57.96 3.11 -1.76	118.92 3.80 -64.00	108.05 5.51 -29.47	57.88 3.66 0.00	79.36 4.85 -8.00	56.23 3.82 -2.67	62.07 3.97 0.00	40.53 2.54 -1.73	38.18 2.07 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.77 1.71 0.00	40.02 1.71 0.00	36.45 1.45 0.00	35.02 1.40 0.00	33.18 1.34 0.00	45.49 2.24 0.00	82.24 3.73 0.00	65.40 2.99 0.00	65.33 2.53 0.00	53.43 1.98 0.00	56.84 1.69 -9.03	40.09 1.48 0.00	45.23 1.84 0.00	48.15 2.24 0.00	51.91 2.42 0.00	55.53 2.43 0.00	53.73 2.62 0.00	76.84 3.77 0.00	56.94 2.73 0.00	69.65 3.14 0.00	52.23 2.49 0.00	61.02 2.93 0.00	38.06 1.80 0.00	37.73 1.62 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.99 1.93 0.00	40.25 1.93 0.00	36.63 1.64 0.00	35.21 1.59 0.00	33.36 1.53 0.00	45.72 2.47 0.00	82.39 3.88 0.00	65.58 3.18 0.00	65.61 2.81 0.00	53.73 2.27 0.00	57.61 2.05 -9.45	40.49 1.88 0.00	45.64 2.25 0.00	48.57 2.66 0.00	52.28 2.79 0.00	55.81 2.72 0.00	54.05 2.93 0.00	77.22 4.15 0.00	57.21 3.00 0.00	69.92 3.42 0.00	52.52 2.78 0.00	61.40 3.30 0.00	38.33 2.06 0.00	37.95 1.84 0.00
W50THST__13_KV_LOAD 356117	38.18 2.12 0.00	40.44 2.13 0.00	36.80 1.81 0.00	35.36 1.74 0.00	33.52 1.69 0.00	45.93 2.68 0.00	82.77 4.25 0.00	65.87 3.46 0.00	65.95 3.15 0.00	54.04 2.59 0.00	57.89 2.33 -9.45	40.76 2.14 0.00	45.97 2.58 0.00	48.91 3.00 0.00	52.65 3.15 0.00	56.17 3.08 0.00	54.40 3.28 0.00	77.69 4.62 0.00	57.53 3.32 0.00	70.27 3.76 0.00	52.78 3.04 0.00	61.71 3.61 0.00	38.53 2.27 0.00	38.15 2.03 0.00
WADING RIVER_IC_1 23522	37.81 1.75 0.00	40.21 1.89 0.00	36.39 1.40 0.00	35.32 1.70 0.00	33.29 1.46 0.00	46.19 2.93 0.00	82.92 4.41 0.00	66.57 4.16 0.00	66.47 3.67 0.00	53.71 2.26 0.00	57.10 1.64 -9.34	39.77 1.15 0.00	44.90 1.51 0.00	48.30 2.39 0.00	52.05 2.56 0.00	57.00 2.37 -1.54	110.78 3.72 -55.94	103.91 5.08 -25.76	56.12 1.91 0.00	77.22 3.72 -6.99	54.99 2.92 -2.33	60.51 2.41 0.00	40.05 2.27 -1.52	37.82 1.71 0.00
WADING RIVER_IC_2 23547	37.81 1.75 0.00	40.21 1.89 0.00	36.39 1.40 0.00	35.32 1.70 0.00	33.29 1.46 0.00	46.19 2.93 0.00	82.92 4.41 0.00	66.57 4.16 0.00	66.47 3.67 0.00	53.71 2.26 0.00	57.10 1.64 -9.34	39.77 1.15 0.00	44.90 1.51 0.00	48.30 2.39 0.00	52.05 2.56 0.00	57.00 2.37 -1.54	110.78 3.72 -55.94	103.91 5.08 -25.76	56.12 1.91 0.00	77.22 3.72 -6.99	54.99 2.92 -2.33	60.51 2.41 0.00	40.05 2.27 -1.52	37.82 1.71 0.00
WADING RIVER_IC_3 23601	37.81 1.75 0.00	40.21 1.89 0.00	36.39 1.40 0.00	35.32 1.70 0.00	33.29 1.46 0.00	46.19 2.93 0.00	82.92 4.41 0.00	66.57 4.16 0.00	66.47 3.67 0.00	53.71 2.26 0.00	57.10 1.64 -9.34	39.77 1.15 0.00	44.90 1.51 0.00	48.30 2.39 0.00	52.05 2.56 0.00	57.00 2.37 -1.54	110.78 3.72 -55.94	103.91 5.08 -25.76	56.12 1.91 0.00	77.22 3.72 -6.99	54.99 2.92 -2.33	60.51 2.41 0.00	40.05 2.27 -1.52	37.82 1.71 0.00
WALDENNY_12_KV_BK2 80841	33.99 -2.08 0.00	35.68 -2.63 0.00	32.35 -2.64 0.00	31.03 -2.59 0.00	29.48 -2.35 0.00	39.87 -3.39 0.00	71.27 -7.24 0.00	47.53 -6.48 8.39	57.13 -5.66 0.00	44.96 -5.03 1.46	41.78 -4.33 0.00	25.01 -3.66 9.94	39.01 -4.33 0.04	41.85 -4.06 0.00	43.28 -4.52 1.69	46.94 -5.63 0.53	42.20 -5.79 3.13	61.49 -7.88 3.70	47.13 -6.20 0.88	54.59 -7.70 4.21	42.38 -5.79 1.57	37.61 -6.61 13.88	32.69 -3.57 0.00	33.19 -2.92 0.00
WALDEN__HYDRO 24148	37.65 1.59 0.00	39.92 1.60 0.00	36.38 1.38 0.00	34.95 1.34 0.00	33.10 1.27 0.00	45.35 2.09 0.00	81.96 3.45 0.00	65.18 2.77 0.00	65.21 2.41 0.00	53.35 1.90 0.00	47.65 1.53 0.00	39.93 1.31 0.00	44.98 1.60 0.00	47.89 1.98 0.00	51.68 2.19 0.00	55.31 2.21 0.00	53.50 2.38 0.00	76.47 3.40 0.00	56.71 2.50 0.00	69.38 2.88 0.00	52.04 2.30 0.00	60.79 2.69 0.00	37.92 1.66 0.00	37.60 1.49 0.00
WARRENSBURG____ 23737	36.98 0.92 0.00	39.42 1.10 0.00	36.13 1.14 0.00	34.70 1.08 0.00	33.03 1.20 0.00	44.91 1.66 0.00	81.43 2.92 0.00	64.69 2.29 0.00	64.86 2.06 0.00	53.43 1.97 0.00	47.94 1.82 0.00	40.09 1.48 0.00	44.95 1.57 0.00	47.46 1.54 0.00	51.63 2.14 0.00	55.27 2.17 0.00	53.32 2.20 0.00	75.55 2.48 0.00	56.59 2.38 0.00	69.19 2.69 0.00	51.96 2.21 0.00	60.30 2.21 0.00	37.60 1.34 0.00	37.38 1.27 0.00
WATERSIDE____6 8 9 23538	38.01 1.94 0.00	40.27 1.96 0.00	36.65 1.65 0.00	35.22 1.60 0.00	33.38 1.55 0.00	45.69 2.44 0.00	82.24 3.73 0.00	65.46 3.06 0.00	65.49 2.69 0.00	53.68 2.23 0.00	57.56 2.03 -9.41	40.50 1.89 0.00	45.65 2.26 0.00	48.56 2.65 0.00	52.20 2.71 0.00	55.70 2.60 0.00	53.97 2.85 0.00	77.08 4.01 0.00	57.12 2.91 0.00	69.83 3.33 0.00	52.52 2.78 0.00	61.39 3.29 0.00	38.37 2.10 0.00	37.97 1.86 0.00
WATKINRD_115KV_LN8_ILLION 55919	36.79 0.73 0.00	39.14 0.82 0.00	35.80 0.81 0.00	34.43 0.82 0.00	32.63 0.79 0.00	44.50 1.25 0.00	80.70 2.19 0.00	64.08 1.67 0.00	64.20 1.40 0.00	52.37 0.91 0.00	46.78 0.66 0.00	39.23 0.61 0.00	44.05 0.67 0.00	46.94 1.03 0.00	50.87 1.38 0.00	54.54 1.44 0.00	52.46 1.35 0.00	74.69 1.62 0.00	55.56 1.34 0.00	68.05 1.54 0.00	50.81 1.07 0.00	59.18 1.08 0.00	36.93 0.66 0.00	36.73 0.62 0.00

WDELAWARE___HYD 323627	37.17 1.10 0.00	39.41 1.10 0.00	35.93 0.93 0.00	34.52 0.90 0.00	32.69 0.86 0.00	44.79 1.54 0.00	81.07 2.56 0.00	64.48 2.07 0.00	64.58 1.78 0.00	52.77 1.31 0.00	47.03 0.92 0.00	39.27 0.65 0.00	44.25 0.87 0.00	46.97 1.06 0.00	49.69 0.20 0.00	53.31 0.22 0.00	51.59 0.47 0.00	73.83 0.75 0.00	54.71 0.50 0.00	66.96 0.46 0.00	50.21 0.47 0.00	58.65 0.55 0.00	37.32 1.05 0.00	36.97 0.86 0.00
WEST BABYLON___IC 23714	38.40 2.34 0.00	40.59 2.27 0.00	36.87 1.88 0.00	35.48 1.86 0.00	33.54 1.71 0.00	46.19 2.94 0.00	83.03 4.52 0.00	66.60 4.19 0.00	66.51 3.71 0.00	54.30 2.85 0.00	57.86 2.40 -9.34	40.45 1.84 0.00	45.70 2.31 0.00	48.69 2.78 0.00	52.38 2.89 0.00	57.96 3.11 -1.76	118.92 3.80 -64.00	108.05 5.51 -29.47	57.88 3.66 0.00	79.36 4.85 -8.00	56.23 3.82 -2.67	62.07 3.97 0.00	40.53 2.54 -1.73	38.18 2.07 0.00
WEST CANADA___HYD 24049	36.11 0.04 0.00	38.39 0.08 0.00	35.06 0.07 0.00	33.68 0.07 0.00	31.90 0.07 0.00	43.40 0.15 0.00	78.73 0.22 0.00	62.56 0.15 0.00	62.85 0.05 0.00	51.46 0.01 0.00	46.09 -0.02 0.00	38.61 0.00 0.00	43.39 0.00 0.00	45.96 0.05 0.00	49.61 0.12 0.00	53.15 0.05 0.00	51.20 0.08 0.00	73.08 0.01 0.00	54.29 0.08 0.00	66.57 0.06 0.00	49.81 0.07 0.00	58.15 0.05 0.00	36.30 0.04 0.00	36.14 0.03 0.00
WESTERN_NY_WIND 24143	34.69 -1.37 0.00	36.42 -1.90 0.00	33.07 -1.92 0.00	31.73 -1.89 0.00	30.15 -1.68 0.00	40.85 -2.40 0.00	73.25 -5.26 0.00	51.63 -4.62 6.16	58.97 -3.83 0.00	46.72 -3.66 1.07	43.17 -2.95 0.00	28.90 -2.43 7.28	40.40 -2.95 0.03	43.27 -2.64 0.00	45.42 -2.84 1.23	48.85 -3.86 0.38	44.84 -4.00 2.27	65.06 -5.33 2.68	49.26 -4.31 0.64	58.01 -5.44 3.06	44.45 -4.15 1.14	43.26 -4.78 10.06	33.75 -2.51 0.00	34.19 -1.92 0.00
WESTOVER___LESR 323668	35.84 -0.22 0.00	38.05 -0.27 0.00	34.70 -0.29 0.00	33.36 -0.26 0.00	31.59 -0.24 0.00	43.10 -0.15 0.00	78.06 -0.45 0.00	59.45 -0.66 2.30	62.20 -0.60 0.00	50.27 -0.87 0.32	45.30 -0.82 0.00	33.21 -0.78 4.62	42.61 -0.76 0.01	45.42 -0.49 0.00	48.43 -0.63 0.42	52.10 -0.86 0.13	49.55 -0.78 0.78	71.07 -1.08 0.93	53.19 -0.80 0.22	64.28 -1.13 1.10	48.29 -0.80 0.65	51.37 -1.01 5.72	35.74 -0.53 0.00	35.66 -0.45 0.00
WETHRSFD_WT_PWR 323626	33.78 -2.28 0.00	35.52 -2.80 0.00	32.27 -2.72 0.00	30.99 -2.63 0.00	29.40 -2.43 0.00	39.92 -3.33 0.00	71.42 -7.08 0.00	43.50 -6.58 12.32	56.36 -6.43 0.00	43.33 -5.96 2.16	40.73 -5.39 0.00	14.02 -4.86 19.73	37.79 -5.53 0.07	40.84 -5.07 0.00	41.38 -5.58 2.53	45.54 -6.77 0.79	39.62 -6.81 4.69	58.11 -9.43 5.54	45.73 -7.16 1.32	51.34 -8.85 6.31	40.82 -6.58 2.34	29.79 -7.59 20.72	31.91 -4.36 0.00	32.36 -3.76 0.00
WHAVSTOR_138KV_BK127 55557	37.57 1.51 0.00	39.82 1.51 0.00	36.27 1.28 0.00	34.85 1.23 0.00	33.01 1.18 0.00	45.25 2.00 0.00	81.76 3.25 0.00	65.00 2.59 0.00	64.93 2.13 0.00	53.12 1.66 0.00	60.93 1.40 -13.41	39.86 1.25 0.00	44.95 1.57 0.00	47.86 1.95 0.00	51.59 2.10 0.00	55.17 2.08 0.00	53.38 2.27 0.00	76.31 3.24 0.00	56.57 2.36 0.00	69.21 2.70 0.00	51.91 2.17 0.00	60.66 2.56 0.00	37.85 1.58 0.00	37.53 1.42 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.57 1.51 0.00	39.82 1.51 0.00	36.27 1.28 0.00	34.85 1.23 0.00	33.01 1.18 0.00	45.25 2.00 0.00	81.76 3.25 0.00	65.00 2.59 0.00	64.93 2.13 0.00	53.12 1.66 0.00	60.93 1.40 -13.41	39.86 1.25 0.00	44.95 1.57 0.00	47.86 1.95 0.00	51.59 2.10 0.00	55.17 2.08 0.00	53.38 2.27 0.00	76.31 3.24 0.00	56.57 2.36 0.00	69.21 2.70 0.00	51.91 2.17 0.00	60.66 2.56 0.00	37.85 1.58 0.00	37.53 1.42 0.00
WHITEHAL_115KV_TB1 80871	37.52 1.46 0.00	40.18 1.87 0.00	37.12 2.13 0.00	35.61 1.99 0.00	34.13 2.30 0.00	46.27 3.01 0.00	83.88 5.37 0.00	66.40 3.99 0.00	66.14 3.34 0.00	54.92 3.46 0.00	49.52 3.41 0.00	41.29 2.68 0.00	46.13 2.75 0.00	48.44 2.53 0.00	53.29 3.80 0.00	57.08 3.99 0.00	55.29 4.17 0.00	77.39 4.32 0.00	58.76 4.55 0.00	71.73 5.22 0.00	53.87 4.13 0.00	62.11 4.01 0.00	38.54 2.28 0.00	38.39 2.28 0.00
WHITEPLN_13_KV_LOAD 356215	37.99 1.93 0.00	40.26 1.94 0.00	36.66 1.67 0.00	35.22 1.61 0.00	33.37 1.54 0.00	45.77 2.52 0.00	82.66 4.15 0.00	65.78 3.38 0.00	65.81 3.01 0.00	53.85 2.40 0.00	53.72 2.09 -5.52	40.43 1.82 0.00	45.59 2.20 0.00	48.52 2.61 0.00	52.28 2.79 0.00	55.90 2.81 0.00	54.13 3.01 0.00	77.41 4.34 0.00	57.37 3.16 0.00	70.15 3.64 0.00	52.61 2.87 0.00	61.45 3.35 0.00	38.32 2.05 0.00	37.95 1.84 0.00
WM_FLOYD_69_KV_BK2 356380	37.95 1.89 0.00	40.25 1.94 0.00	36.50 1.51 0.00	35.32 1.70 0.00	33.36 1.53 0.00	46.13 2.88 0.00	82.78 4.28 0.00	66.44 4.03 0.00	66.37 3.57 0.00	53.85 2.40 0.00	57.25 1.78 -9.34	39.89 1.28 0.00	45.02 1.63 0.00	48.25 2.35 0.00	52.02 2.53 0.00	57.15 2.51 -1.54	110.90 3.67 -56.12	103.99 5.07 -25.84	56.70 2.49 0.00	77.52 4.00 -7.02	55.23 3.15 -2.34	60.95 2.86 0.00	40.10 2.31 -1.52	37.91 1.80 0.00
WOODARD___115KV_TB2 355635	35.21 -0.85 0.00	37.36 -0.96 0.00	34.10 -0.89 0.00	32.76 -0.86 0.00	31.04 -0.79 0.00	42.23 -1.03 0.00	76.53 -1.98 0.00	60.76 -1.64 0.00	61.20 -1.60 0.00	50.00 -1.46 0.00	44.80 -1.32 0.00	37.53 -1.08 0.00	42.23 -1.16 0.00	44.77 -1.14 0.00	48.27 -1.22 0.00	51.62 -1.48 0.00	49.74 -1.38 0.00	71.08 -1.99 0.00	52.73 -1.48 0.00	64.61 -1.90 0.00	48.32 -1.42 0.00	56.38 -1.71 0.00	35.23 -1.04 0.00	35.10 -1.01 0.00
WOODMERE_69_KV_BK1 55827	38.40 2.33 0.00	40.62 2.31 0.00	36.91 1.91 0.00	35.48 1.86 0.00	33.58 1.74 0.00	46.10 2.85 0.00	82.82 4.32 0.00	66.24 3.83 0.00	66.18 3.38 0.00	54.09 2.63 0.00	57.88 2.42 -9.34	40.61 2.00 0.00	45.81 2.43 0.00	48.71 2.80 0.00	52.46 2.97 0.00	58.70 3.10 -2.51	146.00 3.45 -91.44	120.01 4.83 -42.10	57.78 3.57 0.00	82.41 4.47 -11.43	57.10 3.55 -3.81	61.97 3.88 0.00	41.14 2.40 -2.47	38.17 2.06 0.00
YORK___WARBASSE 23770	38.14 2.08 0.00	40.41 2.09 0.00	36.78 1.79 0.00	35.34 1.73 0.00	33.49 1.66 0.00	45.84 2.59 0.00	82.43 3.91 0.00	65.66 3.26 0.00	65.68 2.87 0.00	53.84 2.38 0.00	57.72 2.19 -9.41	40.63 2.01 0.00	45.78 2.39 0.00	48.69 2.78 0.00	52.33 2.84 0.00	55.84 2.75 0.00	54.13 3.01 0.00	77.32 4.25 0.00	57.31 3.10 0.00	70.08 3.58 0.00	52.76 3.02 0.00	61.69 3.60 0.00	38.56 2.30 0.00	38.15 2.04 0.00