

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/18/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	33.11	31.47	28.83	27.40	28.41	32.65	40.87	45.39	51.81	53.71	67.00	58.57	84.93	82.45	149.31	87.62	72.97	77.21	67.22	68.30	62.96	57.98	49.49	43.25
24138	1.14	1.31	1.34	1.37	1.36	1.26	1.58	2.34	2.15	2.64	3.15	2.36	3.32	4.02	2.65	4.19	3.97	5.06	4.21	3.45	2.26	2.02	1.83	1.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-89.49	-5.87	-2.27	-0.24	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	33.19	31.55	28.91	27.46	28.48	32.73	40.95	45.43	51.87	53.76	67.07	58.64	85.00	82.52	149.39	87.71	73.04	77.31	67.35	68.48	63.13	58.14	49.65	43.37
24260	1.22	1.39	1.41	1.43	1.43	1.34	1.66	2.38	2.22	2.70	3.22	2.43	3.39	4.09	2.72	4.28	4.04	5.15	4.33	3.63	2.43	2.19	1.99	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-89.50	-5.87	-2.27	-0.24	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	33.19	31.55	28.91	27.46	28.48	32.73	40.95	45.43	51.87	53.76	67.07	58.64	85.00	82.52	149.39	87.71	73.04	77.31	67.35	68.48	63.13	58.14	49.65	43.37
24261	1.22	1.39	1.41	1.43	1.43	1.34	1.66	2.38	2.22	2.70	3.22	2.43	3.39	4.09	2.72	4.28	4.04	5.15	4.33	3.63	2.43	2.19	1.99	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-89.50	-5.87	-2.27	-0.24	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	33.02	31.46	28.83	27.26	28.32	32.48	40.56	44.56	51.06	52.75	65.56	57.31	82.96	79.59	-9.81	74.12	66.13	73.70	65.06	67.16	62.50	57.59	49.15	43.05
24011	1.05	1.30	1.33	1.23	1.26	1.09	1.28	1.51	1.41	1.69	1.71	1.10	1.34	1.16	0.67	0.98	1.11	1.96	2.04	2.32	1.80	1.63	1.49	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	67.64	4.42	1.72	0.18	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	33.73	32.14	29.50	27.81	28.89	33.18	41.56	45.61	52.21	53.85	66.83	58.03	83.62	80.17	-6.07	74.68	66.78	74.52	65.88	68.23	63.70	58.78	50.24	43.97
23798	1.76	1.98	2.00	1.78	1.84	1.79	2.28	2.55	2.55	2.79	2.99	1.82	2.01	1.74	0.90	1.38	1.68	2.77	2.86	3.39	3.00	2.82	2.58	2.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.13	4.26	1.63	0.17	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	33.02	31.46	28.83	27.26	28.32	32.48	40.56	44.56	51.06	52.75	65.56	57.31	82.96	79.59	-9.81	74.12	66.13	73.70	65.06	67.16	62.50	57.59	49.15	43.05
24028	1.05	1.30	1.33	1.23	1.26	1.09	1.28	1.51	1.41	1.69	1.71	1.10	1.34	1.16	0.67	0.98	1.11	1.96	2.04	2.32	1.80	1.63	1.49	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	67.64	4.42	1.72	0.18	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	32.90	31.37	28.80	27.21	28.23	32.40	40.20	44.18	50.71	52.41	65.12	56.77	82.26	78.85	-98.47	67.68	62.99	72.38	63.68	65.62	61.02	56.49	48.52	42.58
23527	0.93	1.21	1.31	1.18	1.18	1.02	0.91	1.13	1.06	1.35	1.28	0.56	0.65	0.42	0.02	0.32	0.20	0.88	0.66	0.77	0.32	0.54	0.86	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155.65	10.20	3.95	0.42	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	31.83	30.34	27.82	26.35	27.32	31.41	39.01	42.92	49.24	50.88	63.42	55.53	80.61	77.57	2.56	73.27	64.80	71.66	62.92	64.65	60.07	55.42	47.38	41.33
24190	-0.14	0.18	0.33	0.32	0.26	0.02	-0.27	-0.13	-0.41	-0.19	-0.43	-0.68	-1.00	-0.86	-0.64	-0.75	-0.57	-0.11	-0.09	-0.20	-0.63	-0.53	-0.28	-0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.97	3.54	1.37	0.14	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	32.14	30.10	27.31	25.83	26.86	31.46	39.69	43.30	50.09	51.37	64.28	56.90	82.63	78.67	57.75	78.31	67.32	71.99	63.02	65.21	61.61	56.83	48.42	42.25
355683	0.17	-0.06	-0.18	-0.20	-0.19	0.06	0.40	0.25	0.44	0.30	0.44	0.69	1.02	0.24	0.59	0.75	0.59	0.08	0.00	0.36	0.91	0.87	0.76	0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.55	31.01	28.41	26.91	27.92	32.13	39.97	43.85	50.29	51.92	64.59	56.42	81.94	78.72	24.46	75.68	65.92	72.54	63.75	65.95	61.42	56.73	48.41	42.21
323833	0.58	0.85	0.91	0.88	0.86	0.74	0.68	0.80	0.63	0.85	0.74	0.21	0.33	0.29	0.26	0.28	0.02	0.71	0.73	1.10	0.72	0.78	0.75	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.97	2.16	0.84	0.09	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	32.55	31.00	28.40	26.90	27.91	32.12	39.96	43.84	50.28	51.92	64.58	56.42	81.90	78.71	24.43	75.67	65.92	72.53	63.75	65.94	61.40	56.70	48.40	42.20
323834	0.58	0.84	0.90	0.87	0.85	0.73	0.67	0.79	0.62	0.85	0.73	0.21	0.29	0.28	0.25	0.27	0.02	0.71	0.73	1.10	0.71	0.74	0.74	0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.98	2.16	0.84	0.09	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	31.83	30.34	27.82	26.35	27.32	31.41	39.01	42.92	49.24	50.88	63.42	55.53	80.61	77.57	2.56	73.27	64.80	71.66	62.92	64.65	60.07	55.42	47.38	41.33
23571	-0.14	0.18	0.33	0.32	0.26	0.02	-0.27	-0.13	-0.41	-0.19	-0.43	-0.68	-1.00	-0.86	-0.64	-0.75	-0.57	-0.11	-0.09	-0.20	-0.63	-0.53	-0.28	-0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.97	3.54	1.37	0.14	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	31.83 -0.14 0.00	30.34 0.18 0.00	27.82 0.33 0.00	26.35 0.32 0.00	27.32 0.26 0.00	31.41 0.02 0.00	39.01 -0.27 0.00	42.92 -0.13 0.00	49.24 -0.41 0.00	50.88 -0.19 0.00	63.42 -0.43 0.00	55.53 -0.68 0.00	80.61 -1.00 0.00	77.57 -0.86 0.00	2.56 -0.64 53.97	73.27 -0.75 3.54	64.80 -0.57 1.37	71.66 -0.11 0.14	62.92 -0.09 0.00	64.65 -0.20 0.00	60.07 -0.63 0.00	55.42 -0.53 0.00	47.38 -0.28 0.00	41.33 -0.16 0.00
ALBANY___3 23573	31.83 -0.14 0.00	30.34 0.18 0.00	27.82 0.33 0.00	26.35 0.32 0.00	27.32 0.26 0.00	31.41 0.02 0.00	39.01 -0.27 0.00	42.92 -0.13 0.00	49.24 -0.41 0.00	50.88 -0.19 0.00	63.42 -0.43 0.00	55.53 -0.68 0.00	80.61 -1.00 0.00	77.57 -0.86 0.00	2.56 -0.64 53.97	73.27 -0.75 3.54	64.80 -0.57 1.37	71.66 -0.11 0.14	62.92 -0.09 0.00	64.65 -0.20 0.00	60.07 -0.63 0.00	55.42 -0.53 0.00	47.38 -0.28 0.00	41.33 -0.16 0.00
ALBANY___4 23574	31.83 -0.14 0.00	30.34 0.18 0.00	27.82 0.33 0.00	26.35 0.32 0.00	27.32 0.26 0.00	31.41 0.02 0.00	39.01 -0.27 0.00	42.92 -0.13 0.00	49.24 -0.41 0.00	50.88 -0.19 0.00	63.42 -0.43 0.00	55.53 -0.68 0.00	80.61 -1.00 0.00	77.57 -0.86 0.00	2.56 -0.64 53.97	73.27 -0.75 3.54	64.80 -0.57 1.37	71.66 -0.11 0.14	62.92 -0.09 0.00	64.65 -0.20 0.00	60.07 -0.63 0.00	55.42 -0.53 0.00	47.38 -0.28 0.00	41.33 -0.16 0.00
ALBANY___LFGE 323615	32.18 0.21 0.00	30.66 0.49 0.00	28.10 0.60 0.00	26.61 0.57 0.00	27.58 0.53 0.00	31.74 0.35 0.00	39.46 0.18 0.00	43.43 0.38 0.00	49.86 0.20 0.00	51.53 0.46 0.00	64.23 0.39 0.00	56.26 0.05 0.00	81.67 0.05 0.00	78.56 0.13 0.00	-0.41 0.04 57.62	74.02 0.24 3.78	65.59 0.33 1.46	72.63 0.86 0.15	63.78 0.77 0.00	65.52 0.68 0.00	60.86 0.16 0.00	56.13 0.17 0.00	47.95 0.29 0.00	41.82 0.33 0.00
ALCOA_PA_115KV_PL-6C 55860	32.30 0.33 0.00	30.25 0.09 0.00	27.45 -0.05 0.00	25.96 -0.07 0.00	27.00 -0.05 0.00	31.64 0.25 0.00	39.93 0.64 0.00	43.56 0.51 0.00	50.33 0.68 0.00	51.59 0.53 0.00	64.53 0.69 0.00	57.21 1.00 0.00	83.10 1.49 0.00	79.29 0.86 0.00	57.96 0.79 0.00	78.59 1.03 0.00	67.53 0.79 0.00	72.13 0.22 0.00	63.21 0.19 0.00	65.48 0.63 0.00	61.91 1.21 0.00	57.16 1.20 0.00	48.79 1.13 0.00	42.57 1.08 0.00
ALCOA_RYNLDS___DRP 24188	32.30 0.33 0.00	30.25 0.09 0.00	27.45 -0.05 0.00	25.96 -0.07 0.00	27.00 -0.05 0.00	31.64 0.25 0.00	39.93 0.64 0.00	43.56 0.51 0.00	50.33 0.68 0.00	51.59 0.53 0.00	64.53 0.69 0.00	57.21 1.00 0.00	83.10 1.49 0.00	79.29 0.86 0.00	57.96 0.79 0.00	78.59 1.03 0.00	67.53 0.79 0.00	72.13 0.22 0.00	63.21 0.19 0.00	65.48 0.63 0.00	61.91 1.21 0.00	57.16 1.20 0.00	48.79 1.13 0.00	42.57 1.08 0.00
ALCOA___DSASP 323711	32.30 0.33 0.00	30.25 0.09 0.00	27.45 -0.05 0.00	25.96 -0.07 0.00	27.00 -0.05 0.00	31.64 0.25 0.00	39.93 0.64 0.00	43.56 0.51 0.00	50.33 0.67 0.00	51.59 0.53 0.00	64.53 0.68 0.00	57.21 1.00 0.00	83.10 1.49 0.00	79.29 0.86 0.00	57.96 0.79 0.00	78.59 1.03 0.00	67.53 0.79 0.00	72.13 0.22 0.00	63.21 0.19 0.00	65.48 0.63 0.00	61.91 1.21 0.00	57.16 1.20 0.00	48.79 1.13 0.00	42.57 1.08 0.00
ALLEGHENY___COGEN 23514	34.21 2.24 0.00	32.18 2.02 0.00	29.21 1.71 0.00	27.64 1.60 0.00	28.72 1.66 0.00	33.37 1.98 0.00	41.68 2.40 0.00	45.50 2.45 0.00	51.34 1.69 0.00	52.24 1.18 0.00	65.26 1.42 0.00	57.91 1.70 0.00	84.32 2.70 0.00	81.98 3.55 0.00	59.60 2.43 0.00	79.10 1.54 0.00	67.57 0.84 0.00	73.13 1.22 0.00	66.06 3.04 0.00	68.33 3.49 0.00	63.25 2.55 0.00	57.80 1.84 0.00	48.60 0.94 0.00	42.60 1.11 0.00
ALTAMONT_115KV_TB 2 55880	32.26 0.29 0.00	30.71 0.54 0.00	28.12 0.62 0.00	26.64 0.60 0.00	27.63 0.58 0.00	31.81 0.42 0.00	39.60 0.32 0.00	43.56 0.51 0.00	49.98 0.33 0.00	51.61 0.54 0.00	64.35 0.51 0.00	56.39 0.18 0.00	81.85 0.24 0.00	78.75 0.32 0.00	23.65 0.14 33.64	75.70 0.35 2.21	66.26 0.38 0.86	72.71 0.88 0.09	63.86 0.84 0.00	65.58 0.74 0.00	60.98 0.28 0.00	56.25 0.30 0.00	48.06 0.40 0.00	41.90 0.41 0.00
ALTONA_WT_PWR 323606	32.18 0.21 0.00	30.10 -0.06 0.00	27.19 -0.31 0.00	25.71 -0.32 0.00	26.83 -0.22 0.00	31.51 0.12 0.00	39.82 0.53 0.00	43.36 0.31 0.00	50.08 0.42 0.00	51.44 0.38 0.00	64.34 0.49 0.00	57.11 0.91 0.00	83.21 1.60 0.00	79.64 1.21 0.00	58.20 1.03 0.00	79.26 1.70 0.00	68.24 1.51 0.00	72.99 1.08 0.00	63.93 0.92 0.00	66.23 1.38 0.00	62.52 1.82 0.00	57.73 1.78 0.00	49.20 1.54 0.00	42.82 1.32 0.00
AMERICAN_REF_FUEL 24010	32.49 0.52 0.00	30.49 0.33 0.00	27.55 0.05 0.00	25.98 -0.05 0.00	26.96 -0.09 0.00	31.31 -0.08 0.00	39.08 -0.21 0.00	43.13 0.08 0.00	50.17 0.52 0.00	51.64 0.57 0.00	64.38 0.53 0.00	57.23 1.02 0.00	83.44 1.83 0.00	80.67 2.24 0.00	58.62 1.46 0.00	77.34 -0.22 0.00	65.73 -1.00 0.00	71.40 -0.51 0.00	62.79 -0.23 0.00	64.01 -0.84 0.00	59.04 -1.66 0.00	53.98 -1.98 0.00	45.59 -2.07 0.00	39.41 -2.09 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.76 0.79 0.00	30.74 0.58 0.00	27.79 0.29 0.00	26.41 0.38 0.00	27.42 0.37 0.00	32.06 0.67 0.00	40.38 1.09 0.00	45.03 1.98 0.00	52.55 2.90 0.00	54.12 3.06 0.00	67.46 3.61 0.00	59.98 3.77 0.00	87.25 5.64 0.00	85.34 6.91 0.00	61.84 4.68 0.00	81.58 4.02 0.00	69.44 2.70 0.00	75.13 3.21 0.00	65.20 2.19 0.00	67.26 2.42 0.00	61.86 1.16 0.00	56.18 0.23 0.00	46.87 -0.79 0.00	39.93 -1.56 0.00
ARTHUR KILL_GT_1 23520	33.14 1.17 0.00	31.52 1.36 0.00	28.88 1.38 0.00	27.41 1.38 0.00	28.42 1.37 0.00	32.69 1.30 0.00	40.89 1.61 0.00	45.34 2.29 0.00	51.58 1.93 0.00	53.36 2.29 0.00	66.33 2.48 0.00	57.76 1.55 0.00	83.66 2.05 0.00	81.68 3.25 0.00	148.79 2.12 -89.50	87.03 3.60 -5.87	72.46 3.46 -2.27	76.70 4.54 -0.24	66.87 3.85 0.00	68.01 3.17 0.00	62.55 1.85 0.00	57.74 1.78 0.00	49.49 1.83 0.00	43.45 1.96 0.00
ARTHUR_KILL_2 23512	33.03 1.06 0.00	31.41 1.25 0.00	28.78 1.28 0.00	27.33 1.30 0.00	28.33 1.28 0.00	32.59 1.20 0.00	40.75 1.46 0.00	45.17 2.12 0.00	51.40 1.75 0.00	53.18 2.11 0.00	66.14 2.29 0.00	57.58 1.38 0.00	83.40 1.79 0.00	81.45 3.02 0.00	148.60 1.93 -89.50	86.77 3.34 -5.87	72.23 3.22 -2.27	76.43 4.28 -0.24	66.61 3.59 0.00	67.75 2.91 0.00	62.31 1.61 0.00	57.51 1.55 0.00	49.29 1.63 0.00	43.30 1.81 0.00
ARTHUR_KILL_3 23513	32.80 0.83 0.00	31.18 1.02 0.00	28.59 1.09 0.00	27.15 1.12 0.00	28.15 1.10 0.00	32.35 0.96 0.00	40.45 1.17 0.00	44.87 1.82 0.00	51.19 1.54 0.00	53.03 1.96 0.00	66.11 2.26 0.00	57.75 1.54 0.00	83.55 1.94 0.00	81.09 2.66 0.00	148.35 1.69 -89.50	86.30 2.87 -5.87	71.85 2.84 -2.27	76.02 3.86 -0.24	66.22 3.20 0.00	67.31 2.47 0.00	62.07 1.37 0.00	57.22 1.26 0.00	48.88 1.22 0.00	42.76 1.27 0.00

ARTHUR_KILL_COGEN 323718	33.14 1.17 0.00	31.52 1.36 0.00	28.87 1.38 0.00	27.42 1.39 0.00	28.42 1.37 0.00	32.69 1.30 0.00	40.89 1.61 0.00	45.34 2.28 0.00	51.58 1.92 0.00	53.36 2.29 0.00	66.33 2.48 0.00	57.76 1.55 0.00	83.65 2.04 0.00	81.68 3.25 0.00	148.80 2.13 -89.50	87.03 3.59 -5.87	72.46 3.45 -2.27	76.70 4.54 -0.24	66.86 3.85 0.00	68.01 3.17 0.00	62.55 1.85 0.00	57.73 1.77 0.00	49.47 1.81 0.00	43.45 1.96 0.00
ASHOKAN____ 23654	32.90 0.93 0.00	31.29 1.13 0.00	28.67 1.17 0.00	27.16 1.13 0.00	28.18 1.13 0.00	32.43 1.04 0.00	40.53 1.25 0.00	44.74 1.69 0.00	51.31 1.66 0.00	53.15 2.09 0.00	66.30 2.46 0.00	57.91 1.70 0.00	84.12 2.51 0.00	81.05 2.62 0.00	59.33 2.16 0.00	80.88 3.32 0.00	69.41 2.67 0.00	75.45 3.53 0.00	66.28 3.27 0.00	68.10 3.26 0.00	63.09 2.39 0.00	58.11 2.15 0.00	49.48 1.82 0.00	43.04 1.55 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.93 0.96 0.00	31.32 1.16 0.00	28.67 1.17 0.00	27.23 1.20 0.00	28.25 1.20 0.00	32.46 1.07 0.00	40.64 1.35 0.00	45.05 2.00 0.00	51.35 1.69 0.00	53.22 2.15 0.00	66.33 2.49 0.00	57.90 1.69 0.00	83.95 2.34 0.00	81.48 3.05 0.00	148.56 1.89 -89.50	86.80 3.37 -5.87	72.26 3.25 -2.27	76.49 4.33 -0.24	66.83 3.40 -0.42	67.64 2.80 0.00	62.57 1.79 -0.08	58.21 1.62 -0.63	49.61 1.54 -0.41	43.05 1.55 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.93 0.96 0.00	31.32 1.16 0.00	28.67 1.17 0.00	27.23 1.20 0.00	28.25 1.20 0.00	32.46 1.07 0.00	40.64 1.35 0.00	45.05 2.00 0.00	51.35 1.69 0.00	53.22 2.15 0.00	66.33 2.49 0.00	57.90 1.69 0.00	83.95 2.34 0.00	81.48 3.05 0.00	148.56 1.89 -89.50	86.80 3.37 -5.87	72.26 3.25 -2.27	76.49 4.33 -0.24	66.83 3.40 -0.42	67.64 2.80 0.00	62.57 1.78 -0.08	58.21 1.62 -0.63	49.61 1.54 -0.41	43.05 1.55 0.00
ASTORIA_GT2_1 24094	32.95 0.98 0.00	31.33 1.17 0.00	28.68 1.19 0.00	27.24 1.21 0.00	28.26 1.21 0.00	32.48 1.09 0.00	40.67 1.38 0.00	45.07 2.02 0.00	51.38 1.72 0.00	53.24 2.18 0.00	66.37 2.52 0.00	57.94 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.92 -89.50	86.83 3.40 -5.87	72.27 3.26 -2.27	76.51 4.35 -0.24	66.87 3.44 -0.42	67.68 2.84 0.00	62.60 1.81 -0.08	58.24 1.66 -0.63	49.66 1.58 -0.41	43.06 1.57 0.00
ASTORIA_GT2_2 24095	32.95 0.98 0.00	31.33 1.17 0.00	28.68 1.19 0.00	27.24 1.21 0.00	28.26 1.21 0.00	32.48 1.09 0.00	40.67 1.38 0.00	45.07 2.02 0.00	51.38 1.72 0.00	53.24 2.18 0.00	66.37 2.52 0.00	57.94 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.92 -89.50	86.83 3.40 -5.87	72.27 3.26 -2.27	76.51 4.35 -0.24	66.87 3.44 -0.42	67.68 2.84 0.00	62.60 1.81 -0.08	58.24 1.66 -0.63	49.66 1.58 -0.41	43.06 1.57 0.00
ASTORIA_GT2_3 24096	32.95 0.98 0.00	31.33 1.17 0.00	28.68 1.19 0.00	27.24 1.21 0.00	28.26 1.21 0.00	32.48 1.09 0.00	40.67 1.38 0.00	45.07 2.02 0.00	51.38 1.72 0.00	53.24 2.18 0.00	66.37 2.52 0.00	57.94 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.92 -89.50	86.83 3.40 -5.87	72.27 3.26 -2.27	76.51 4.35 -0.24	66.87 3.44 -0.42	67.68 2.84 0.00	62.60 1.81 -0.08	58.24 1.66 -0.63	49.66 1.58 -0.41	43.06 1.57 0.00
ASTORIA_GT2_4 24097	32.95 0.98 0.00	31.33 1.17 0.00	28.68 1.19 0.00	27.24 1.21 0.00	28.26 1.21 0.00	32.48 1.09 0.00	40.67 1.38 0.00	45.07 2.02 0.00	51.38 1.72 0.00	53.24 2.18 0.00	66.37 2.52 0.00	57.94 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.92 -89.50	86.83 3.40 -5.87	72.27 3.26 -2.27	76.51 4.35 -0.24	66.87 3.44 -0.42	67.68 2.84 0.00	62.60 1.81 -0.08	58.24 1.66 -0.63	49.66 1.58 -0.41	43.06 1.57 0.00
ASTORIA_GT3_1 24098	32.95 0.98 0.00	31.33 1.17 0.00	28.68 1.19 0.00	27.24 1.21 0.00	28.26 1.21 0.00	32.48 1.09 0.00	40.67 1.38 0.00	45.07 2.02 0.00	51.38 1.72 0.00	53.24 2.18 0.00	66.37 2.52 0.00	57.94 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.92 -89.50	86.83 3.40 -5.87	72.27 3.26 -2.27	76.51 4.35 -0.24	66.87 3.44 -0.42	67.68 2.84 0.00	62.60 1.81 -0.08	58.24 1.66 -0.63	49.66 1.58 -0.41	43.06 1.57 0.00
ASTORIA_GT3_2 24099	32.95 0.98 0.00	31.33 1.17 0.00	28.68 1.19 0.00	27.24 1.21 0.00	28.26 1.21 0.00	32.48 1.09 0.00	40.67 1.38 0.00	45.07 2.02 0.00	51.38 1.72 0.00	53.24 2.18 0.00	66.37 2.52 0.00	57.94 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.92 -89.50	86.83 3.40 -5.87	72.27 3.26 -2.27	76.51 4.35 -0.24	66.87 3.44 -0.42	67.68 2.84 0.00	62.60 1.81 -0.08	58.24 1.66 -0.63	49.66 1.58 -0.41	43.06 1.57 0.00
ASTORIA_GT3_3 24100	32.95 0.98 0.00	31.33 1.17 0.00	28.68 1.19 0.00	27.24 1.21 0.00	28.26 1.21 0.00	32.48 1.09 0.00	40.67 1.38 0.00	45.07 2.02 0.00	51.38 1.72 0.00	53.24 2.18 0.00	66.37 2.52 0.00	57.94 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.92 -89.50	86.83 3.40 -5.87	72.27 3.26 -2.27	76.51 4.35 -0.24	66.87 3.44 -0.42	67.68 2.84 0.00	62.60 1.81 -0.08	58.24 1.66 -0.63	49.66 1.58 -0.41	43.06 1.57 0.00
ASTORIA_GT3_4 24101	32.95 0.98 0.00	31.33 1.17 0.00	28.68 1.19 0.00	27.24 1.21 0.00	28.26 1.21 0.00	32.48 1.09 0.00	40.67 1.38 0.00	45.07 2.02 0.00	51.38 1.72 0.00	53.24 2.18 0.00	66.37 2.52 0.00	57.94 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.92 -89.50	86.83 3.40 -5.87	72.27 3.26 -2.27	76.51 4.35 -0.24	66.87 3.44 -0.42	67.68 2.84 0.00	62.60 1.81 -0.08	58.24 1.66 -0.63	49.66 1.58 -0.41	43.06 1.57 0.00
ASTORIA_GT4_1 24102	32.95 0.98 0.00	31.33 1.17 0.00	28.68 1.19 0.00	27.24 1.21 0.00	28.26 1.21 0.00	32.48 1.09 0.00	40.67 1.38 0.00	45.07 2.02 0.00	51.38 1.72 0.00	53.24 2.18 0.00	66.37 2.52 0.00	57.94 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.92 -89.50	86.83 3.40 -5.87	72.27 3.26 -2.27	76.51 4.35 -0.24	66.87 3.44 -0.42	67.68 2.84 0.00	62.60 1.81 -0.08	58.24 1.66 -0.63	49.66 1.58 -0.41	43.06 1.57 0.00
ASTORIA_GT4_2 24103	32.95 0.98 0.00	31.33 1.17 0.00	28.68 1.19 0.00	27.24 1.21 0.00	28.26 1.21 0.00	32.48 1.09 0.00	40.67 1.38 0.00	45.07 2.02 0.00	51.38 1.72 0.00	53.24 2.18 0.00	66.37 2.52 0.00	57.94 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.92 -89.50	86.83 3.40 -5.87	72.27 3.26 -2.27	76.51 4.35 -0.24	66.87 3.44 -0.42	67.68 2.84 0.00	62.60 1.81 -0.08	58.24 1.66 -0.63	49.66 1.58 -0.41	43.06 1.57 0.00
ASTORIA_GT4_3 24104	32.95 0.98 0.00	31.33 1.17 0.00	28.68 1.19 0.00	27.24 1.21 0.00	28.26 1.21 0.00	32.48 1.09 0.00	40.67 1.38 0.00	45.07 2.02 0.00	51.38 1.72 0.00	53.24 2.18 0.00	66.37 2.52 0.00	57.94 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.92 -89.50	86.83 3.40 -5.87	72.27 3.26 -2.27	76.51 4.35 -0.24	66.87 3.44 -0.42	67.68 2.84 0.00	62.60 1.81 -0.08	58.24 1.66 -0.63	49.66 1.58 -0.41	43.06 1.57 0.00

ASTORIA_GT4_4 24105	32.95 0.98 0.00	31.33 1.17 0.00	28.68 1.19 0.00	27.24 1.21 0.00	28.26 1.21 0.00	32.48 1.09 0.00	40.67 1.38 0.00	45.07 2.02 0.00	51.38 1.72 0.00	53.24 2.18 0.00	66.37 2.52 0.00	57.94 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.92 -89.50	86.83 3.40 -5.87	72.27 3.26 -2.27	76.51 4.35 -0.24	66.87 3.44 -0.42	67.68 2.84 0.00	62.60 1.81 -0.08	58.24 1.66 -0.63	49.66 1.58 -0.41	43.06 1.57 0.00
ASTORIA_GT_1 23523	33.00 1.03 0.00	31.39 1.22 0.00	28.73 1.23 0.00	27.28 1.25 0.00	28.31 1.26 0.00	32.53 1.14 0.00	40.73 1.45 0.00	45.16 2.10 0.00	51.48 1.83 0.00	53.37 2.30 0.00	66.51 2.66 0.00	58.06 1.86 0.00	84.20 2.59 0.00	81.74 3.31 0.00	148.74 2.07 -89.50	87.06 3.63 -5.87	72.46 3.46 -2.27	76.72 4.56 -0.24	67.03 3.60 -0.42	67.86 3.02 0.00	62.75 1.97 -0.08	58.36 1.78 -0.63	49.75 1.68 -0.41	43.14 1.65 0.00
ASTORIA_GT_10 24110	32.95 0.98 0.00	31.33 1.17 0.00	28.71 1.22 0.00	27.29 1.26 0.00	28.29 1.24 0.00	32.50 1.11 0.00	40.66 1.37 0.00	45.11 2.05 0.00	51.42 1.76 0.00	53.27 2.21 0.00	66.45 2.60 0.00	58.06 1.85 0.00	84.17 2.56 0.00	81.71 3.28 0.00	148.78 2.11 -89.50	86.99 3.56 -5.87	72.40 3.40 -2.27	76.57 4.42 -0.24	66.64 3.62 0.00	67.81 2.96 0.00	62.52 1.82 0.00	57.58 1.63 0.00	49.16 1.51 0.00	43.02 1.53 0.00
ASTORIA_GT_11 24225	32.95 0.98 0.00	31.33 1.17 0.00	28.71 1.22 0.00	27.29 1.26 0.00	28.29 1.24 0.00	32.50 1.11 0.00	40.66 1.37 0.00	45.11 2.05 0.00	51.42 1.76 0.00	53.27 2.21 0.00	66.45 2.60 0.00	58.06 1.85 0.00	84.17 2.56 0.00	81.71 3.28 0.00	148.78 2.11 -89.50	86.99 3.56 -5.87	72.40 3.40 -2.27	76.57 4.42 -0.24	66.64 3.62 0.00	67.81 2.96 0.00	62.52 1.82 0.00	57.58 1.63 0.00	49.16 1.51 0.00	43.02 1.53 0.00
ASTORIA_GT_12 24226	32.95 0.98 0.00	31.33 1.17 0.00	28.71 1.22 0.00	27.29 1.26 0.00	28.29 1.24 0.00	32.50 1.11 0.00	40.66 1.37 0.00	45.11 2.05 0.00	51.42 1.76 0.00	53.27 2.21 0.00	66.45 2.60 0.00	58.06 1.85 0.00	84.17 2.56 0.00	81.71 3.28 0.00	148.78 2.11 -89.50	86.99 3.56 -5.87	72.40 3.40 -2.27	76.57 4.42 -0.24	66.64 3.62 0.00	67.81 2.96 0.00	62.52 1.82 0.00	57.58 1.63 0.00	49.16 1.51 0.00	43.02 1.53 0.00
ASTORIA_GT_13 24227	32.95 0.98 0.00	31.33 1.17 0.00	28.71 1.22 0.00	27.29 1.26 0.00	28.29 1.24 0.00	32.50 1.11 0.00	40.66 1.37 0.00	45.11 2.05 0.00	51.42 1.76 0.00	53.27 2.21 0.00	66.45 2.60 0.00	58.06 1.85 0.00	84.17 2.56 0.00	81.71 3.28 0.00	148.78 2.11 -89.50	86.99 3.56 -5.87	72.40 3.40 -2.27	76.57 4.42 -0.24	66.64 3.62 0.00	67.81 2.96 0.00	62.52 1.82 0.00	57.58 1.63 0.00	49.16 1.51 0.00	43.02 1.53 0.00
ASTORIA_GT_5 24106	33.00 1.03 0.00	31.39 1.22 0.00	28.73 1.23 0.00	27.28 1.25 0.00	28.31 1.26 0.00	32.53 1.14 0.00	40.73 1.45 0.00	45.16 2.10 0.00	51.48 1.83 0.00	53.37 2.30 0.00	66.51 2.66 0.00	58.06 1.86 0.00	84.20 2.59 0.00	81.74 3.31 0.00	148.74 2.07 -89.50	87.06 3.63 -5.87	72.46 3.46 -2.27	76.72 4.56 -0.24	67.03 3.60 -0.42	67.86 3.02 0.00	62.75 1.97 -0.08	58.36 1.78 -0.63	49.75 1.68 -0.41	43.14 1.65 0.00
ASTORIA_GT_7 24107	33.00 1.03 0.00	31.39 1.22 0.00	28.73 1.23 0.00	27.28 1.25 0.00	28.31 1.26 0.00	32.53 1.14 0.00	40.73 1.45 0.00	45.16 2.10 0.00	51.48 1.83 0.00	53.37 2.30 0.00	66.51 2.66 0.00	58.06 1.86 0.00	84.20 2.59 0.00	81.74 3.31 0.00	148.74 2.07 -89.50	87.06 3.63 -5.87	72.46 3.46 -2.27	76.72 4.56 -0.24	67.03 3.60 -0.42	67.86 3.02 0.00	62.75 1.97 -0.08	58.36 1.78 -0.63	49.75 1.68 -0.41	43.14 1.65 0.00
ASTORIA_GT_8 24108	33.00 1.03 0.00	31.39 1.22 0.00	28.73 1.23 0.00	27.28 1.25 0.00	28.31 1.26 0.00	32.53 1.14 0.00	40.73 1.45 0.00	45.16 2.10 0.00	51.48 1.83 0.00	53.37 2.30 0.00	66.51 2.66 0.00	58.06 1.86 0.00	84.20 2.59 0.00	81.74 3.31 0.00	148.74 2.07 -89.50	87.06 3.63 -5.87	72.46 3.46 -2.27	76.72 4.56 -0.24	67.03 3.60 -0.42	67.86 3.02 0.00	62.75 1.97 -0.08	58.36 1.78 -0.63	49.75 1.68 -0.41	43.14 1.65 0.00
ASTORIA___2 24149	32.94 0.97 0.00	31.33 1.17 0.00	28.68 1.18 0.00	27.25 1.21 0.00	28.26 1.21 0.00	32.48 1.09 0.00	40.66 1.38 0.00	45.07 2.02 0.00	51.37 1.72 0.00	53.24 2.18 0.00	66.37 2.52 0.00	57.94 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.92 -89.50	86.83 3.40 -5.87	72.27 3.26 -2.27	76.51 4.35 -0.24	66.86 3.42 -0.42	67.68 2.84 0.00	62.60 1.81 -0.08	58.23 1.65 -0.63	49.63 1.56 -0.41	43.06 1.57 0.00
ASTORIA___3 23516	32.94 0.97 0.00	31.33 1.17 0.00	28.71 1.21 0.00	27.29 1.26 0.00	28.29 1.24 0.00	32.50 1.11 0.00	40.65 1.37 0.00	45.10 2.05 0.00	51.41 1.76 0.00	53.27 2.21 0.00	66.45 2.60 0.00	58.06 1.85 0.00	84.17 2.56 0.00	81.70 3.27 0.00	148.80 2.13 -89.50	86.97 3.54 -5.87	72.39 3.39 -2.27	76.57 4.41 -0.24	66.63 3.61 0.00	67.81 2.97 0.00	62.52 1.82 0.00	57.57 1.61 0.00	49.14 1.49 0.00	43.02 1.53 0.00
ASTORIA___4 23517	32.95 0.98 0.00	31.33 1.17 0.00	28.71 1.22 0.00	27.29 1.26 0.00	28.29 1.24 0.00	32.50 1.11 0.00	40.66 1.37 0.00	45.10 2.05 0.00	51.41 1.76 0.00	53.27 2.21 0.00	66.45 2.60 0.00	58.06 1.85 0.00	84.17 2.56 0.00	81.71 3.28 0.00	148.78 2.11 -89.50	86.98 3.55 -5.87	72.40 3.39 -2.27	76.57 4.41 -0.24	66.64 3.62 0.00	67.81 2.96 0.00	62.52 1.82 0.00	57.58 1.63 0.00	49.16 1.51 0.00	43.02 1.53 0.00
ASTORIA___5 23518	32.94 0.97 0.00	31.33 1.17 0.00	28.71 1.21 0.00	27.29 1.26 0.00	28.29 1.24 0.00	32.50 1.11 0.00	40.66 1.37 0.00	45.11 2.05 0.00	51.42 1.76 0.00	53.27 2.21 0.00	66.45 2.60 0.00	58.06 1.85 0.00	84.17 2.56 0.00	81.70 3.27 0.00	148.80 2.13 -89.50	86.97 3.54 -5.87	72.40 3.40 -2.27	76.57 4.42 -0.24	66.63 3.62 0.00	67.81 2.97 0.00	62.52 1.82 0.00	57.57 1.61 0.00	49.14 1.49 0.00	43.02 1.53 0.00
AST_ENERGY_2_CC3 323677	32.87 0.90 0.00	31.26 1.10 0.00	28.64 1.15 0.00	27.22 1.18 0.00	28.22 1.16 0.00	32.42 1.03 0.00	40.53 1.25 0.00	44.96 1.90 0.00	51.29 1.64 0.00	53.15 2.08 0.00	66.30 2.45 0.00	57.95 1.74 0.00	83.96 2.35 0.00	81.48 3.05 0.00	148.63 1.97 -89.50	86.68 3.25 -5.87	72.18 3.17 -2.27	76.36 4.21 -0.24	66.52 3.51 0.00	67.63 2.79 0.00	62.38 1.68 0.00	57.47 1.51 0.00	49.08 1.42 0.00	42.92 1.43 0.00
AST_ENERGY_2_CC4 323678	32.87 0.90 0.00	31.26 1.10 0.00	28.64 1.15 0.00	27.22 1.18 0.00	28.22 1.16 0.00	32.42 1.03 0.00	40.53 1.25 0.00	44.96 1.90 0.00	51.29 1.64 0.00	53.15 2.08 0.00	66.30 2.45 0.00	57.95 1.74 0.00	83.96 2.35 0.00	81.48 3.05 0.00	148.63 1.97 -89.50	86.68 3.25 -5.87	72.18 3.17 -2.27	76.36 4.21 -0.24	66.52 3.51 0.00	67.63 2.79 0.00	62.38 1.68 0.00	57.47 1.51 0.00	49.08 1.42 0.00	42.92 1.43 0.00

ATHENS_STG_1 23668	32.33 0.36 0.00	30.81 0.64 0.00	28.25 0.75 0.00	26.78 0.75 0.00	27.78 0.73 0.00	31.90 0.51 0.00	39.70 0.42 0.00	43.81 0.76 0.00	50.17 0.51 0.00	51.84 0.78 0.00	64.70 0.85 0.00	56.66 0.45 0.00	82.24 0.63 0.00	79.30 0.86 0.00	96.52 0.44 -38.91	81.06 0.95 -2.55	68.64 0.92 -0.99	73.61 1.59 -0.10	64.41 1.39 0.00	65.94 1.10 0.00	61.15 0.45 0.00	56.40 0.44 0.00	48.17 0.51 0.00	42.03 0.54 0.00
ATHENS_STG_2 23670	32.33 0.36 0.00	30.81 0.64 0.00	28.25 0.75 0.00	26.78 0.75 0.00	27.78 0.73 0.00	31.90 0.51 0.00	39.70 0.42 0.00	43.81 0.76 0.00	50.17 0.51 0.00	51.84 0.78 0.00	64.70 0.85 0.00	56.66 0.45 0.00	82.24 0.63 0.00	79.30 0.86 0.00	96.52 0.44 -38.91	81.06 0.95 -2.55	68.64 0.92 -0.99	73.61 1.59 -0.10	64.41 1.39 0.00	65.94 1.10 0.00	61.15 0.45 0.00	56.40 0.44 0.00	48.17 0.51 0.00	42.03 0.54 0.00
ATHENS_STG_3 23677	32.33 0.36 0.00	30.81 0.64 0.00	28.25 0.75 0.00	26.78 0.75 0.00	27.78 0.73 0.00	31.90 0.51 0.00	39.70 0.42 0.00	43.81 0.76 0.00	50.17 0.51 0.00	51.84 0.78 0.00	64.70 0.85 0.00	56.66 0.45 0.00	82.24 0.63 0.00	79.30 0.86 0.00	96.52 0.44 -38.91	81.06 0.95 -2.55	68.64 0.92 -0.99	73.61 1.59 -0.10	64.41 1.39 0.00	65.94 1.10 0.00	61.15 0.45 0.00	56.40 0.44 0.00	48.17 0.51 0.00	42.03 0.54 0.00
AUBURN___LFGE 323710	32.49 0.52 0.00	30.61 0.45 0.00	28.25 0.75 0.00	27.07 1.03 0.00	27.78 0.72 0.00	31.86 0.47 0.00	39.82 0.53 0.00	43.93 0.88 0.00	50.62 0.97 0.00	52.00 0.94 0.00	64.94 1.09 0.00	57.00 0.79 0.00	82.71 1.10 0.00	79.96 1.53 0.00	58.33 1.16 0.00	78.88 1.32 0.00	68.20 1.47 0.00	73.96 2.03 -0.01	64.93 1.92 0.00	66.35 1.48 -0.02	61.81 1.11 0.00	56.81 0.85 0.00	47.94 0.28 0.00	41.60 0.11 0.00
BABYLON_RES_REC 323704	33.08 1.12 0.00	32.58 1.39 -1.03	28.97 1.47 0.00	27.61 1.57 0.00	28.63 1.57 -0.01	32.80 1.41 -0.01	40.60 1.31 0.00	45.01 1.96 0.00	51.43 1.77 0.00	55.56 2.29 -2.20	66.25 2.40 0.00	57.61 1.40 0.00	60.28 0.61 21.94	45.36 1.12 34.19	58.36 0.38 -0.81	46.62 0.97 31.91	66.76 1.41 1.38	74.95 2.79 -0.24	64.56 2.53 0.99	66.40 1.55 0.00	60.96 0.51 0.25	54.95 0.55 1.56	43.82 0.75 4.58	42.82 1.33 0.00
BALL_HILL_WT_PWR 323825	33.01 1.04 0.00	31.00 0.84 0.00	28.04 0.54 0.00	26.52 0.48 0.00	27.54 0.49 0.00	32.05 0.66 0.00	40.14 0.85 0.00	44.55 1.50 0.00	51.96 2.30 0.00	53.47 2.40 0.00	66.60 2.76 0.00	59.08 2.88 0.00	85.93 4.32 0.00	83.63 5.20 0.00	60.69 3.53 0.00	80.21 2.65 0.00	68.28 1.55 0.00	74.08 2.16 0.00	64.93 1.92 0.00	66.40 1.55 0.00	61.18 0.48 0.00	55.83 -0.13 0.00	46.86 -0.80 0.00	40.24 -1.26 0.00
BARON_WINDS___WT_PWR 323822	32.53 0.56 0.00	30.74 0.58 0.00	27.98 0.48 0.00	26.52 0.49 0.00	27.50 0.45 0.00	31.86 0.47 0.00	39.78 0.49 0.00	44.05 0.99 0.00	50.99 1.33 0.00	52.30 1.23 0.00	65.37 1.53 0.00	57.71 1.50 0.00	84.06 4.32 0.00	81.34 2.91 0.00	58.69 1.53 0.00	78.46 0.90 0.00	67.28 0.55 0.00	73.50 1.58 0.00	65.21 2.19 0.00	66.64 1.79 -0.01	61.48 0.78 0.00	56.23 0.27 0.00	47.27 -0.40 0.00	40.71 -0.78 0.00
BARRETT_IC_1 23704	32.91 0.94 0.00	32.29 1.18 -0.95	28.79 1.29 0.00	27.45 1.42 0.00	28.46 1.40 -0.01	32.62 1.23 -0.01	40.41 1.13 0.00	44.80 1.75 0.00	51.15 1.50 0.00	55.12 2.02 -2.04	66.20 2.35 -0.01	57.75 1.54 0.00	85.08 1.21 -2.26	84.70 1.94 -4.33	185.30 1.17 -126.96	149.34 2.01 -69.76	71.46 2.07 -2.66	75.55 3.39 -0.24	65.31 2.71 0.41	66.79 1.95 0.00	59.22 0.80 2.28	60.06 0.62 -3.48	50.69 0.82 -2.21	42.66 1.17 0.00
BARRETT_IC_10 23701	32.91 0.94 0.00	32.29 1.18 -0.95	28.79 1.29 0.00	27.45 1.42 0.00	28.46 1.40 -0.01	32.62 1.23 -0.01	40.41 1.13 0.00	44.80 1.75 0.00	51.15 1.50 0.00	55.12 2.02 -2.04	66.20 2.35 -0.01	57.75 1.54 0.00	85.08 1.21 -2.26	84.70 1.94 -4.33	185.30 1.17 -126.96	149.34 2.01 -69.76	71.46 2.07 -2.66	75.55 3.39 -0.24	35.73 2.71 29.99	66.79 1.95 0.00	53.30 0.80 8.20	15.96 0.62 40.62	21.58 0.82 26.91	42.66 1.17 0.00
BARRETT_IC_11 23702	32.91 0.94 0.00	32.29 1.18 -0.95	28.79 1.29 0.00	27.45 1.42 0.00	28.46 1.40 -0.01	32.62 1.23 -0.01	40.41 1.13 0.00	44.80 1.75 0.00	51.15 1.50 0.00	55.12 2.02 -2.04	66.20 2.35 -0.01	57.75 1.54 0.00	85.08 1.21 -2.26	84.70 1.94 -4.33	185.30 1.17 -126.96	149.34 2.01 -69.76	71.46 2.07 -2.66	75.55 3.39 -0.24	35.73 2.71 29.99	66.79 1.95 0.00	53.30 0.80 8.20	15.96 0.62 40.62	21.58 0.82 26.91	42.66 1.17 0.00
BARRETT_IC_12 23703	32.91 0.94 0.00	32.29 1.18 -0.95	28.79 1.29 0.00	27.45 1.42 0.00	28.46 1.40 -0.01	32.62 1.23 -0.01	40.41 1.13 0.00	44.80 1.75 0.00	51.15 1.50 0.00	55.12 2.02 -2.04	66.20 2.35 -0.01	57.75 1.54 0.00	85.08 1.21 -2.26	84.70 1.94 -4.33	185.30 1.17 -126.96	149.34 2.01 -69.76	71.46 2.07 -2.66	75.55 3.39 -0.24	35.73 2.71 29.99	66.79 1.95 0.00	53.30 0.80 8.20	15.96 0.62 40.62	21.58 0.82 26.91	42.66 1.17 0.00
BARRETT_IC_2 23705	32.91 0.94 0.00	32.29 1.18 -0.95	28.79 1.29 0.00	27.45 1.42 0.00	28.46 1.40 -0.01	32.62 1.23 -0.01	40.41 1.13 0.00	44.80 1.75 0.00	51.15 1.50 0.00	55.12 2.02 -2.04	66.20 2.35 -0.01	57.75 1.54 0.00	85.08 1.21 -2.26	84.70 1.94 -4.33	185.30 1.17 -126.96	149.34 2.01 -69.76	71.46 2.07 -2.66	75.55 3.39 -0.24	65.31 2.71 0.41	66.79 1.95 0.00	59.22 0.80 2.28	60.06 0.62 -3.48	50.69 0.82 -2.21	42.66 1.17 0.00
BARRETT_IC_3 23706	32.91 0.94 0.00	32.29 1.18 -0.95	28.79 1.29 0.00	27.45 1.42 0.00	28.46 1.40 -0.01	32.62 1.23 -0.01	40.41 1.13 0.00	44.80 1.75 0.00	51.15 1.50 0.00	55.12 2.02 -2.04	66.20 2.35 -0.01	57.75 1.54 0.00	85.08 1.21 -2.26	84.70 1.94 -4.33	185.30 1.17 -126.96	149.34 2.01 -69.76	71.46 2.07 -2.66	75.55 3.39 -0.24	65.31 2.71 0.41	66.79 1.95 0.00	59.22 0.80 2.28	60.06 0.62 -3.48	50.69 0.82 -2.21	42.66 1.17 0.00
BARRETT_IC_4 23707	32.91 0.94 0.00	32.29 1.18 -0.95	28.79 1.29 0.00	27.45 1.42 0.00	28.46 1.40 -0.01	32.62 1.23 -0.01	40.41 1.13 0.00	44.80 1.75 0.00	51.15 1.50 0.00	55.12 2.02 -2.04	66.20 2.35 -0.01	57.75 1.54 0.00	85.08 1.21 -2.26	84.70 1.94 -4.33	185.30 1.17 -126.96	149.34 2.01 -69.76	71.46 2.07 -2.66	75.55 3.39 -0.24	65.31 2.71 0.41	66.79 1.95 0.00	59.22 0.80 2.28	60.06 0.62 -3.48	50.69 0.82 -2.21	42.66 1.17 0.00
BARRETT_IC_5 23708	32.91 0.94 0.00	32.29 1.18 -0.95	28.79 1.29 0.00	27.45 1.42 0.00	28.46 1.40 -0.01	32.62 1.23 -0.01	40.41 1.13 0.00	44.80 1.75 0.00	51.15 1.50 0.00	55.12 2.02 -2.04	66.20 2.35 -0.01	57.75 1.54 0.00	85.08 1.21 -2.26	84.70 1.94 -4.33	185.30 1.17 -126.96	149.34 2.01 -69.76	71.46 2.07 -2.66	75.55 3.39 -0.24	65.31 2.71 0.41	66.79 1.95 0.00	59.22 0.80 2.28	60.06 0.62 -3.48	50.69 0.82 -2.21	42.66 1.17 0.00

BARRETT_IC_6 23709	32.91 0.94 0.00	32.29 1.18 -0.95	28.79 1.29 0.00	27.45 1.42 0.00	28.46 1.40 -0.01	32.62 1.23 -0.01	40.41 1.13 0.00	44.80 1.75 0.00	51.15 1.50 0.00	55.12 2.02 -2.04	66.20 2.35 -0.01	57.75 1.54 0.00	85.08 1.21 -2.26	84.70 1.94 -4.33	185.30 1.17 -126.96	149.34 2.01 -69.76	71.46 2.07 -2.66	75.55 3.39 -0.24	65.31 2.71 0.41	66.79 1.95 0.00	59.22 0.80 2.28	60.06 0.62 -3.48	50.69 0.82 -2.21	42.66 1.17 0.00
BARRETT_IC_7 23710	32.92 0.95 0.00	32.29 1.18 -0.95	28.79 1.29 0.00	27.45 1.42 0.00	28.46 1.40 -0.01	32.63 1.23 -0.01	40.41 1.13 0.00	44.79 1.74 0.00	51.15 1.50 0.00	55.13 2.02 -2.04	66.20 2.35 0.00	57.75 1.54 0.00	85.11 1.23 -2.26	84.75 1.99 -4.33	185.30 1.17 -126.96	149.35 2.03 -69.76	71.46 2.07 -2.66	75.55 3.39 -0.24	65.33 2.73 0.41	66.80 1.96 0.00	59.22 0.80 2.28	60.09 0.65 -3.48	50.76 0.89 -2.21	42.66 1.17 0.00
BARRETT_IC_8 23711	32.91 0.94 0.00	32.29 1.18 -0.95	28.79 1.29 0.00	27.45 1.42 0.00	28.46 1.40 -0.01	32.62 1.23 -0.01	40.41 1.13 0.00	44.80 1.75 0.00	51.15 1.50 0.00	55.12 2.02 -2.04	66.20 2.35 -0.01	57.75 1.54 0.00	85.08 1.21 -2.26	84.70 1.94 -4.33	185.30 1.17 -126.96	149.34 2.01 -69.76	71.46 2.07 -2.66	75.55 3.39 -0.24	65.31 2.71 0.41	66.79 1.95 0.00	59.22 0.80 2.28	60.06 0.62 -3.48	50.69 0.82 -2.21	42.66 1.17 0.00
BARRETT_IC_9 23700	32.91 0.94 0.00	32.29 1.18 -0.95	28.79 1.29 0.00	27.45 1.42 0.00	28.46 1.40 -0.01	32.62 1.23 -0.01	40.41 1.13 0.00	44.80 1.75 0.00	51.15 1.50 0.00	55.12 2.02 -2.04	66.20 2.35 -0.01	57.75 1.54 0.00	85.08 1.21 -2.26	84.70 1.94 -4.33	185.30 1.17 -126.96	149.34 2.01 -69.76	71.46 2.07 -2.66	75.55 3.39 -0.24	35.73 2.71 29.99	66.79 1.95 0.00	53.30 0.80 8.20	15.96 0.62 40.62	21.58 0.82 26.91	42.66 1.17 0.00
BARRETT___1 23545	32.91 0.94 0.00	32.29 1.18 -0.95	28.79 1.29 0.00	27.45 1.42 0.00	28.46 1.40 -0.01	32.62 1.23 -0.01	40.41 1.13 0.00	44.80 1.75 0.00	51.15 1.50 0.00	55.12 2.02 -2.04	66.20 2.35 -0.01	57.75 1.54 0.00	85.08 1.21 -2.26	84.70 1.94 -4.33	185.30 1.17 -126.96	149.34 2.01 -69.76	71.46 2.07 -2.66	75.55 3.39 -0.24	65.31 2.71 0.41	66.79 1.95 0.00	59.22 0.80 2.28	60.06 0.62 -3.48	50.69 0.82 -2.21	42.66 1.17 0.00
BARRETT___2 23546	32.91 0.94 0.00	32.29 1.18 -0.95	28.79 1.29 0.00	27.45 1.42 0.00	28.46 1.40 -0.01	32.62 1.23 -0.01	40.41 1.13 0.00	44.80 1.75 0.00	51.15 1.50 0.00	55.12 2.02 -2.04	66.20 2.35 -0.01	57.75 1.54 0.00	85.08 1.21 -2.26	84.70 1.94 -4.33	185.30 1.17 -126.96	149.34 2.01 -69.76	71.46 2.07 -2.66	75.55 3.39 -0.24	35.73 2.71 29.99	66.79 1.95 0.00	53.30 0.80 8.20	15.96 0.62 40.62	21.58 0.82 26.91	42.66 1.17 0.00
BATAVIA__115KV_TB1 55881	33.89 1.92 0.00	31.76 1.60 0.00	28.72 1.23 0.00	27.10 1.06 0.00	28.14 1.09 0.00	32.73 1.34 0.00	40.90 1.61 0.00	45.20 2.15 0.00	52.59 2.93 0.00	54.33 3.26 0.00	67.53 3.68 0.00	59.60 3.39 0.00	86.81 5.19 0.00	84.11 5.68 0.00	61.59 4.42 0.00	81.44 3.87 0.00	69.53 2.79 0.00	75.45 3.53 0.00	66.53 3.52 0.00	67.90 3.06 0.00	62.82 2.12 0.00	57.39 1.43 0.00	48.33 0.67 0.00	41.64 0.15 0.00
BAYONEEC___CTG1 323682	32.93 0.96 0.00	31.32 1.15 0.00	28.69 1.20 0.00	27.26 1.23 0.00	28.26 1.21 0.00	32.47 1.08 0.00	40.61 1.32 0.00	45.04 1.99 0.00	51.38 1.72 0.00	53.25 2.18 0.00	66.40 2.55 0.00	58.02 1.81 0.00	84.04 2.43 0.00	81.55 3.12 0.00	148.68 2.01 -89.50	86.76 3.33 -5.87	72.21 3.21 -2.27	76.42 4.27 -0.24	66.56 3.55 0.00	67.69 2.85 0.00	62.42 1.72 0.00	57.51 1.55 0.00	49.14 1.48 0.00	42.97 1.48 0.00
BAYONEEC___CTG10 323750	32.93 0.96 0.00	31.32 1.15 0.00	28.69 1.20 0.00	27.26 1.23 0.00	28.26 1.21 0.00	32.47 1.08 0.00	40.61 1.32 0.00	45.04 1.99 0.00	51.38 1.72 0.00	53.25 2.18 0.00	66.40 2.55 0.00	58.02 1.81 0.00	84.04 2.43 0.00	81.55 3.12 0.00	148.68 2.01 -89.50	86.76 3.33 -5.87	72.21 3.21 -2.27	76.42 4.27 -0.24	66.56 3.55 0.00	67.69 2.85 0.00	62.42 1.72 0.00	57.51 1.55 0.00	49.14 1.48 0.00	42.97 1.48 0.00
BAYONEEC___CTG2 323683	32.93 0.96 0.00	31.32 1.15 0.00	28.69 1.20 0.00	27.26 1.23 0.00	28.26 1.21 0.00	32.47 1.08 0.00	40.61 1.32 0.00	45.04 1.99 0.00	51.38 1.72 0.00	53.25 2.18 0.00	66.40 2.55 0.00	58.02 1.81 0.00	84.04 2.43 0.00	81.55 3.12 0.00	148.68 2.01 -89.50	86.76 3.33 -5.87	72.21 3.21 -2.27	76.42 4.27 -0.24	66.56 3.55 0.00	67.69 2.85 0.00	62.42 1.72 0.00	57.51 1.55 0.00	49.14 1.48 0.00	42.97 1.48 0.00
BAYONEEC___CTG3 323684	32.93 0.96 0.00	31.32 1.15 0.00	28.69 1.20 0.00	27.26 1.23 0.00	28.26 1.21 0.00	32.47 1.08 0.00	40.61 1.32 0.00	45.04 1.99 0.00	51.38 1.72 0.00	53.25 2.18 0.00	66.40 2.55 0.00	58.02 1.81 0.00	84.04 2.43 0.00	81.55 3.12 0.00	148.68 2.01 -89.50	86.76 3.33 -5.87	72.21 3.21 -2.27	76.42 4.27 -0.24	66.56 3.55 0.00	67.69 2.85 0.00	62.42 1.72 0.00	57.51 1.55 0.00	49.14 1.48 0.00	42.97 1.48 0.00
BAYONEEC___CTG4 323685	32.93 0.96 0.00	31.32 1.15 0.00	28.69 1.20 0.00	27.26 1.23 0.00	28.26 1.21 0.00	32.47 1.08 0.00	40.61 1.32 0.00	45.04 1.99 0.00	51.38 1.72 0.00	53.25 2.18 0.00	66.40 2.55 0.00	58.02 1.81 0.00	84.04 2.43 0.00	81.55 3.12 0.00	148.68 2.01 -89.50	86.76 3.33 -5.87	72.21 3.21 -2.27	76.42 4.27 -0.24	66.56 3.55 0.00	67.69 2.85 0.00	62.42 1.72 0.00	57.51 1.55 0.00	49.14 1.48 0.00	42.97 1.48 0.00
BAYONEEC___CTG5 323686	32.93 0.96 0.00	31.32 1.15 0.00	28.69 1.20 0.00	27.26 1.23 0.00	28.26 1.21 0.00	32.47 1.08 0.00	40.61 1.32 0.00	45.04 1.99 0.00	51.38 1.72 0.00	53.25 2.18 0.00	66.40 2.55 0.00	58.02 1.81 0.00	84.04 2.43 0.00	81.55 3.12 0.00	148.68 2.01 -89.50	86.76 3.33 -5.87	72.21 3.21 -2.27	76.42 4.27 -0.24	66.56 3.55 0.00	67.69 2.85 0.00	62.42 1.72 0.00	57.51 1.55 0.00	49.14 1.48 0.00	42.97 1.48 0.00
BAYONEEC___CTG6 323687	32.93 0.96 0.00	31.32 1.15 0.00	28.69 1.20 0.00	27.26 1.23 0.00	28.26 1.21 0.00	32.47 1.08 0.00	40.61 1.32 0.00	45.04 1.99 0.00	51.38 1.72 0.00	53.25 2.18 0.00	66.40 2.55 0.00	58.02 1.81 0.00	84.04 2.43 0.00	81.55 3.12 0.00	148.68 2.01 -89.50	86.76 3.33 -5.87	72.21 3.21 -2.27	76.42 4.27 -0.24	66.56 3.55 0.00	67.69 2.85 0.00	62.42 1.72 0.00	57.51 1.55 0.00	49.14 1.48 0.00	42.97 1.48 0.00
BAYONEEC___CTG7 323688	32.93 0.96 0.00	31.32 1.15 0.00	28.69 1.20 0.00	27.26 1.23 0.00	28.26 1.21 0.00	32.47 1.08 0.00	40.61 1.32 0.00	45.04 1.99 0.00	51.38 1.72 0.00	53.25 2.18 0.00	66.40 2.55 0.00	58.02 1.81 0.00	84.04 2.43 0.00	81.55 3.12 0.00	148.68 2.01 -89.50	86.76 3.33 -5.87	72.21 3.21 -2.27	76.42 4.27 -0.24	66.56 3.55 0.00	67.69 2.85 0.00	62.42 1.72 0.00	57.51 1.55 0.00	49.14 1.48 0.00	42.97 1.48 0.00

BAYONEEC___CTG8 323689	32.93 0.96 0.00	31.32 1.15 0.00	28.69 1.20 0.00	27.26 1.23 0.00	28.26 1.21 0.00	32.47 1.08 0.00	40.61 1.32 0.00	45.04 1.99 0.00	51.38 1.72 0.00	53.25 2.18 0.00	66.40 2.55 0.00	58.02 1.81 0.00	84.04 2.43 0.00	81.55 3.12 0.00	148.68 2.01 -89.50	86.76 3.33 -5.87	72.21 3.21 -2.27	76.42 4.27 -0.24	66.56 3.55 0.00	67.69 2.85 0.00	62.42 1.72 0.00	57.51 1.55 0.00	49.14 1.48 0.00	42.97 1.48 0.00
BAYONEEC___CTG9 323749	32.93 0.96 0.00	31.32 1.15 0.00	28.69 1.20 0.00	27.26 1.23 0.00	28.26 1.21 0.00	32.47 1.08 0.00	40.61 1.32 0.00	45.04 1.99 0.00	51.38 1.72 0.00	53.25 2.18 0.00	66.40 2.55 0.00	58.02 1.81 0.00	84.04 2.43 0.00	81.55 3.12 0.00	148.68 2.01 -89.50	86.76 3.33 -5.87	72.21 3.21 -2.27	76.42 4.27 -0.24	66.56 3.55 0.00	67.69 2.85 0.00	62.42 1.72 0.00	57.51 1.55 0.00	49.14 1.48 0.00	42.97 1.48 0.00
BEACON___LESR 323632	32.32 0.35 0.00	30.80 0.64 0.00	28.22 0.72 0.00	26.73 0.69 0.00	27.71 0.66 0.00	31.92 0.53 0.00	39.72 0.43 0.00	43.64 0.58 0.00	50.13 0.47 0.00	51.77 0.71 0.00	64.51 0.67 0.00	56.43 0.22 0.00	82.04 0.42 0.00	78.91 0.48 0.00	-0.95 0.28 58.39	74.21 0.48 3.83	65.95 0.70 1.48	73.17 1.41 0.16	64.12 1.11 0.00	66.00 1.16 0.00	61.30 0.59 0.00	56.56 0.60 0.00	48.24 0.58 0.00	41.98 0.49 0.00
BEAVER RIVER___HYD 24048	32.29 0.32 0.00	30.50 0.34 0.00	27.85 0.35 0.00	26.52 0.49 0.00	27.83 0.78 0.00	32.48 1.09 0.00	40.83 1.55 0.00	45.02 1.96 0.00	51.73 2.08 0.00	52.57 1.51 0.00	65.45 1.60 0.00	57.35 1.14 0.00	83.35 1.74 0.00	79.62 1.18 0.00	58.38 1.22 0.00	79.47 1.91 0.00	68.58 1.85 0.00	74.17 2.25 -0.01	65.66 2.64 0.00	68.24 3.38 -0.01	64.29 3.58 0.00	59.32 3.37 0.00	50.48 2.82 0.00	43.67 2.18 0.00
BEEBEE_GT_13 23619	33.06 1.09 0.00	31.06 0.90 0.00	28.17 0.67 0.00	26.62 0.59 0.00	27.63 0.57 0.00	32.03 0.64 0.00	40.02 0.74 0.00	44.24 1.19 0.00	51.34 1.68 0.00	53.03 1.96 0.00	66.21 2.36 0.00	58.56 2.36 0.00	85.38 3.77 0.00	82.63 4.20 0.00	60.20 3.04 0.00	80.32 2.76 0.00	68.61 1.88 0.00	74.28 2.37 0.00	65.21 2.20 0.00	66.62 1.78 0.00	61.70 1.00 0.00	56.49 0.53 0.00	47.68 0.02 0.00	41.19 -0.29 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.27 1.30 0.00	31.63 1.47 0.00	28.96 1.46 0.00	27.50 1.47 0.00	28.50 1.45 0.00	32.79 1.40 0.00	41.04 1.76 0.00	45.55 2.50 0.00	51.91 2.26 0.00	53.79 2.73 0.00	67.00 3.15 0.00	58.48 2.28 0.00	84.79 3.18 0.00	82.52 4.09 0.00	149.39 2.72 -89.50	87.86 4.43 -5.87	73.17 4.17 -2.27	77.44 5.29 -0.24	67.44 4.42 0.00	68.56 3.72 0.00	63.15 2.45 0.00	58.23 2.27 0.00	49.80 2.14 0.00	43.59 2.10 0.00
BETHLEHEM___GRP 23843	31.83 -0.14 0.00	30.34 0.18 0.00	27.82 0.33 0.00	26.35 0.32 0.00	27.32 0.26 0.00	31.41 0.02 0.00	39.01 -0.27 0.00	42.92 -0.13 0.00	49.24 -0.41 0.00	50.88 -0.19 0.00	63.42 -0.43 0.00	55.53 -0.68 0.00	80.61 -1.00 0.00	77.57 -0.86 0.00	2.56 -0.64 53.97	73.27 -0.75 3.54	64.80 -0.57 1.37	71.66 -0.11 0.14	62.92 -0.09 0.00	64.65 -0.20 0.00	60.07 -0.63 0.00	55.42 -0.53 0.00	47.38 -0.28 0.00	41.33 -0.16 0.00
BETHLEHEM___GS1 323560	31.84 -0.13 0.00	30.34 0.18 0.00	27.83 0.33 0.00	26.35 0.32 0.00	27.32 0.26 0.00	31.42 0.02 0.00	39.01 -0.27 0.00	42.92 -0.13 0.00	49.24 -0.41 0.00	50.88 -0.19 0.00	63.42 -0.43 0.00	55.53 -0.68 0.00	80.61 -1.00 0.00	77.57 -0.86 0.00	2.53 -0.67 53.97	73.27 -0.75 3.54	64.79 -0.57 1.37	71.66 -0.11 0.14	62.91 -0.10 0.00	64.65 -0.20 0.00	60.07 -0.63 0.00	55.42 -0.54 0.00	47.38 -0.28 0.00	41.33 -0.16 0.00
BETHLEHEM___GS2 323561	31.84 -0.13 0.00	30.34 0.18 0.00	27.83 0.33 0.00	26.35 0.32 0.00	27.32 0.26 0.00	31.42 0.02 0.00	39.01 -0.27 0.00	42.92 -0.13 0.00	49.24 -0.41 0.00	50.88 -0.19 0.00	63.42 -0.43 0.00	55.53 -0.68 0.00	80.61 -1.00 0.00	77.57 -0.86 0.00	2.53 -0.67 53.97	73.27 -0.75 3.54	64.79 -0.57 1.37	71.66 -0.11 0.14	62.91 -0.10 0.00	64.65 -0.20 0.00	60.07 -0.63 0.00	55.42 -0.54 0.00	47.38 -0.28 0.00	41.33 -0.16 0.00
BETHLEHEM___GS3 323562	31.84 -0.13 0.00	30.34 0.18 0.00	27.83 0.33 0.00	26.35 0.32 0.00	27.32 0.26 0.00	31.42 0.02 0.00	39.01 -0.27 0.00	42.92 -0.13 0.00	49.24 -0.41 0.00	50.88 -0.19 0.00	63.42 -0.43 0.00	55.53 -0.68 0.00	80.61 -1.00 0.00	77.57 -0.86 0.00	2.53 -0.67 53.97	73.27 -0.75 3.54	64.79 -0.57 1.37	71.66 -0.11 0.14	62.91 -0.10 0.00	64.65 -0.20 0.00	60.07 -0.63 0.00	55.42 -0.54 0.00	47.38 -0.28 0.00	41.33 -0.16 0.00
BETHLEHEM___STEEL 23779	33.13 1.16 0.00	31.09 0.93 0.00	28.12 0.63 0.00	26.54 0.51 0.00	27.56 0.51 0.00	32.02 0.63 0.00	40.03 0.74 0.00	44.39 1.34 0.00	51.74 2.09 0.00	53.21 2.15 0.00	66.34 2.49 0.00	58.83 2.63 0.00	85.60 3.99 0.00	83.08 4.65 0.00	60.30 3.14 0.00	79.81 2.25 0.00	67.95 1.22 0.00	73.78 1.86 0.00	64.90 1.89 0.00	66.13 1.29 0.00	60.97 0.27 0.00	55.68 -0.28 0.00	46.86 -0.80 0.00	40.36 -1.13 0.00
BETHLHEM_115KV_TB1 79974	31.92 -0.04 0.00	30.42 0.26 0.00	27.88 0.39 0.00	26.41 0.38 0.00	27.39 0.33 0.00	31.49 0.10 0.00	39.13 -0.15 0.00	43.05 0.00 0.00	49.40 -0.25 0.00	51.03 -0.03 0.00	63.63 -0.22 0.00	55.71 -0.50 0.00	80.91 -0.70 0.00	77.81 -0.62 0.00	6.03 -0.48 50.66	73.75 -0.49 3.32	65.09 -0.35 1.29	71.90 0.11 0.14	63.13 0.11 0.00	64.85 0.00 0.00	60.26 -0.45 0.00	55.59 -0.36 0.00	47.52 -0.14 0.00	41.44 -0.05 0.00
BETHPAGE_CC_5 323564	33.09 1.13 0.00	32.62 1.36 -1.09	28.94 1.44 0.00	27.58 1.54 0.00	28.58 1.53 -0.01	32.77 1.37 -0.01	40.56 1.28 0.00	44.86 1.81 0.00	51.22 1.56 0.00	55.45 2.04 -2.33	65.97 2.12 0.00	57.49 1.27 0.00	62.61 1.00 20.01	49.08 1.71 31.06	70.82 0.96 -12.70	59.53 1.91 19.94	67.81 2.14 1.06	75.68 3.52 -0.24	65.17 3.05 0.89	66.99 2.15 0.00	61.43 1.00 0.26	55.46 0.86 1.35	44.43 0.92 4.15	42.69 1.20 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.20 1.24 0.00	31.16 1.00 0.00	28.18 0.69 0.00	26.60 0.56 0.00	27.62 0.57 0.00	32.08 0.69 0.00	40.12 0.84 0.00	44.51 1.46 0.00	51.89 2.23 0.00	53.34 2.27 0.00	66.47 2.62 0.00	58.94 2.73 0.00	85.77 4.16 0.00	83.22 4.79 0.00	60.42 3.25 0.00	80.01 2.46 0.00	68.15 1.41 0.00	73.94 2.03 0.00	65.08 2.07 0.00	66.29 1.44 0.00	61.10 0.40 0.00	55.80 -0.16 0.00	46.96 -0.70 0.00	40.46 -1.03 0.00
BINGHAMTON___COGEN 23790	32.50 0.53 0.00	30.82 0.66 0.00	28.07 0.57 0.00	26.60 0.57 0.00	27.59 0.54 0.00	31.87 0.48 0.00	39.81 0.52 0.00	43.95 0.89 0.00	50.67 1.01 0.00	52.10 1.03 0.00	65.14 1.29 0.00	57.26 1.05 0.00	83.05 1.44 0.00	80.03 1.60 0.00	58.07 0.91 0.00	78.63 1.06 0.00	67.61 0.88 0.00	73.52 1.60 -0.01	64.76 1.74 0.00	66.27 1.41 -0.01	61.42 0.72 0.00	56.44 0.48 0.00	47.81 0.15 0.00	41.43 -0.06 0.00

BIXINCNT_115KV_LOAD 355685	33.32 1.35 0.00	31.28 1.12 0.00	28.40 0.90 0.00	26.75 0.72 0.00	27.86 0.81 0.00	32.35 0.96 0.00	40.50 1.22 0.00	45.06 2.01 0.00	52.45 2.80 0.00	53.81 2.74 0.00	67.01 3.16 0.00	59.27 3.07 0.00	86.14 4.53 0.00	83.21 4.78 0.00	60.52 3.35 0.00	80.07 2.51 0.00	68.31 1.58 0.00	74.06 2.15 0.00	65.31 2.30 0.00	66.39 1.54 0.00	61.19 0.49 0.00	55.97 0.01 0.00	46.99 -0.67 0.00	40.58 -0.91 0.00
BLACK RIVER___HYD 24047	32.45 0.48 0.00	30.65 0.48 0.00	27.99 0.49 0.00	26.68 0.65 0.00	28.05 1.00 0.00	32.75 1.36 0.00	41.10 1.82 0.00	45.45 2.40 0.00	52.12 2.46 0.00	52.74 1.68 0.00	65.61 1.76 0.00	57.44 1.24 0.00	83.71 2.10 0.00	79.79 1.36 0.00	58.69 1.53 0.00	79.81 2.25 0.00	68.91 2.18 0.00	74.85 2.92 -0.01	66.44 3.43 0.00	69.28 4.42 -0.02	65.25 4.55 0.00	60.13 4.17 0.00	50.98 3.32 0.00	43.98 2.49 0.00
BLACKRVR_115KV_TB2 79977	32.45 0.48 0.00	30.65 0.48 0.00	27.99 0.49 0.00	26.68 0.65 0.00	28.05 1.00 0.00	32.75 1.36 0.00	41.10 1.82 0.00	45.45 2.40 0.00	52.12 2.46 0.00	52.75 1.68 0.00	65.61 1.76 0.00	57.44 1.23 0.00	83.71 2.10 0.00	79.79 1.36 0.00	58.68 1.52 0.00	79.81 2.25 0.00	68.91 2.18 0.00	74.85 2.92 -0.01	66.45 3.43 0.00	69.28 4.41 -0.02	65.25 4.55 0.00	60.12 4.17 0.00	50.97 3.31 0.00	43.98 2.49 0.00
BLDWN_LI_69_KV_BK4 356085	33.12 1.15 0.00	32.75 1.37 -1.22	28.93 1.44 0.00	27.58 1.54 0.00	28.60 1.54 -0.01	32.79 1.39 -0.01	40.64 1.36 0.00	45.10 2.05 0.00	51.51 1.85 0.00	56.08 2.40 -2.61	66.56 2.72 0.00	58.04 1.83 0.00	72.23 1.83 11.21	64.01 2.51 16.94	121.48 1.57 -62.75	106.21 2.67 -25.98	69.81 2.66 -0.41	76.35 4.19 -0.24	65.92 3.56 0.65	67.63 2.79 0.00	61.62 1.57 0.65	57.24 1.38 0.09	47.04 1.41 2.03	43.00 1.51 0.00
BLISS_WT_PWR 323608	33.26 1.29 0.00	31.20 1.04 0.00	28.35 0.85 0.00	26.69 0.66 0.00	27.81 0.76 0.00	32.30 0.90 0.00	40.44 1.15 0.00	45.02 1.97 0.00	52.44 2.79 0.00	53.80 2.74 0.00	67.01 3.16 0.00	59.30 3.09 0.00	86.17 4.56 0.00	83.14 4.71 0.00	60.54 3.38 0.00	80.05 2.49 0.00	68.33 1.60 0.00	74.06 2.14 0.00	65.30 2.28 0.00	66.36 1.51 0.00	61.19 0.48 0.00	55.97 0.02 0.00	46.97 -0.69 0.00	40.53 -0.96 0.00
BLUESTONE___WT_PWR 323821	33.32 1.35 0.00	31.80 1.64 0.00	28.99 1.49 0.00	27.45 1.42 0.00	28.37 1.32 0.00	33.03 1.64 0.00	41.47 2.19 0.00	46.02 2.97 0.00	53.04 3.38 0.00	54.38 3.31 0.00	67.99 4.15 0.00	59.68 3.48 0.00	86.53 4.92 0.00	83.56 5.14 0.00	60.41 3.24 0.00	81.26 3.70 0.00	70.57 3.84 0.00	76.83 4.91 -0.01	68.10 5.09 0.00	69.95 5.09 -0.01	64.95 4.25 0.00	58.56 2.60 0.00	49.67 2.01 0.00	43.09 1.60 0.00
BLUE_CIRC_CHEM_DRP 24182	32.33 0.36 0.00	30.80 0.64 0.00	28.22 0.72 0.00	26.73 0.70 0.00	27.73 0.68 0.00	31.91 0.52 0.00	39.70 0.41 0.00	43.58 0.53 0.00	50.00 0.34 0.00	51.61 0.55 0.00	64.27 0.43 0.00	56.24 0.03 0.00	81.65 0.04 0.00	78.49 0.06 0.00	23.90 0.03 33.30	75.46 0.09 2.18	65.84 -0.04 0.85	72.32 0.49 0.09	63.53 0.51 0.00	65.49 0.65 0.00	60.94 0.24 0.00	56.26 0.31 0.00	48.06 0.40 0.00	41.91 0.42 0.00
BOC_GAS_DRP 24189	32.14 0.17 0.00	30.60 0.44 0.00	28.03 0.53 0.00	26.56 0.53 0.00	27.55 0.49 0.00	31.70 0.31 0.00	39.43 0.15 0.00	43.39 0.34 0.00	49.78 0.13 0.00	51.41 0.35 0.00	64.12 0.27 0.00	56.18 -0.03 0.00	81.58 -0.03 0.00	78.52 0.08 0.00	24.87 -0.04 32.26	75.59 0.15 2.12	66.08 0.17 0.82	72.48 0.65 0.09	63.59 0.58 0.00	65.27 0.43 0.00	60.66 -0.04 0.00	55.97 0.02 0.00	47.82 0.17 0.00	41.71 0.21 0.00
BOONVILLE_115KV_TB1 79983	32.53 0.56 0.00	30.77 0.61 0.00	28.09 0.59 0.00	26.67 0.64 0.00	27.85 0.80 0.00	32.36 0.97 0.00	40.54 1.25 0.00	44.59 1.54 0.00	51.40 1.75 0.00	52.68 1.61 0.00	65.72 1.87 0.00	57.63 1.42 0.00	83.63 2.02 0.00	80.21 1.78 0.00	58.64 1.47 0.00	79.76 2.20 0.00	68.91 2.18 0.00	74.63 2.71 0.00	65.78 2.76 0.00	67.84 2.99 -0.01	63.54 2.84 0.00	58.55 2.60 0.00	49.76 2.10 0.00	43.10 1.61 0.00
BORALEX_4TH_BRANCH 23824	32.89 0.93 0.00	31.37 1.21 0.00	28.80 1.31 0.00	27.21 1.17 0.00	28.24 1.18 0.00	32.41 1.02 0.00	40.20 0.91 0.00	44.18 1.13 0.00	50.71 1.06 0.00	52.41 1.34 0.00	65.12 1.28 0.00	56.77 0.56 0.00	82.26 0.65 0.00	78.85 0.42 0.00	-98.46 0.03 155.65	67.68 0.32 10.20	62.99 0.20 3.95	72.38 0.88 0.42	63.68 0.67 0.00	65.62 0.77 0.00	61.02 0.32 0.00	56.49 0.54 0.00	48.54 0.88 0.00	42.58 1.09 0.00
BOWLINE___1 23526	32.80 0.83 0.00	31.19 1.03 0.00	28.59 1.09 0.00	27.15 1.11 0.00	28.14 1.08 0.00	32.35 0.96 0.00	40.38 1.10 0.00	44.73 1.68 0.00	51.09 1.43 0.00	52.86 1.80 0.00	65.96 2.11 0.00	57.76 1.56 0.00	83.80 2.19 0.00	81.28 2.84 0.00	144.51 1.80 -85.55	86.08 2.90 -5.61	71.69 2.79 -2.17	75.94 3.79 -0.23	66.26 3.24 0.00	67.50 2.66 0.00	62.33 1.63 0.00	57.46 1.51 0.00	49.08 1.42 0.00	42.82 1.32 0.00
BOWLINE___2 23595	32.80 0.83 0.00	31.19 1.03 0.00	28.59 1.09 0.00	27.15 1.11 0.00	28.14 1.08 0.00	32.35 0.96 0.00	40.38 1.09 0.00	44.73 1.68 0.00	51.08 1.43 0.00	52.86 1.79 0.00	65.96 2.11 0.00	57.76 1.56 0.00	83.80 2.19 0.00	81.28 2.84 0.00	144.52 1.80 -85.56	86.08 2.90 -5.61	71.70 2.79 -2.17	75.94 3.79 -0.23	66.26 3.24 0.00	67.50 2.66 0.00	62.33 1.63 0.00	57.46 1.51 0.00	49.08 1.42 0.00	42.82 1.32 0.00
BRADY___115KV_TB2 356060	32.76 0.79 0.00	30.66 0.50 0.00	27.82 0.32 0.00	26.29 0.26 0.00	27.39 0.33 0.00	32.14 0.75 0.00	40.58 1.29 0.00	44.22 1.17 0.00	50.77 1.11 0.00	52.08 1.01 0.00	64.95 1.11 0.00	57.64 1.44 0.00	83.67 2.06 0.00	79.69 1.26 0.00	58.25 1.08 0.00	78.90 1.34 0.00	67.79 1.07 0.00	72.17 0.25 0.00	63.58 0.57 0.00	66.23 1.39 0.00	62.96 2.26 0.00	58.24 2.28 0.00	49.72 2.06 0.00	43.30 1.81 0.00
BRANSCOMB___SOLAR 323811	32.89 0.92 0.00	31.31 1.15 0.00	28.70 1.20 0.00	27.15 1.12 0.00	28.18 1.13 0.00	32.38 0.99 0.00	40.38 1.09 0.00	44.36 1.31 0.00	50.89 1.23 0.00	52.54 1.47 0.00	65.36 1.51 0.00	57.16 0.95 0.00	82.82 1.21 0.00	79.43 1.00 0.00	-18.25 0.62 76.03	73.38 0.80 4.98	65.79 0.99 1.93	73.38 1.67 0.20	64.73 1.72 0.00	66.78 1.94 0.00	62.17 1.47 0.00	57.31 1.36 0.00	48.93 1.27 0.00	42.78 1.29 0.00
BRDGHMPT_69_KV_BK1 55812	32.92 0.95 0.00	32.41 1.31 -0.94	29.00 1.51 0.00	27.97 1.94 0.00	29.07 2.01 -0.01	33.32 1.93 -0.01	40.93 1.64 0.00	45.35 2.29 0.00	51.66 2.00 0.00	55.88 2.82 -2.00	66.19 2.34 0.00	57.80 1.59 0.00	58.02 1.36 24.95	41.80 2.43 39.06	40.66 1.17 17.67	29.74 2.69 50.52	68.03 3.18 1.89	77.66 5.50 -0.24	67.05 5.13 1.09	69.02 4.18 0.00	63.41 2.93 0.22	56.64 2.52 1.84	44.73 2.30 5.23	43.62 2.13 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	33.20 1.24 0.00	32.65 1.54 -0.95	29.12 1.62 0.00	27.78 1.75 0.00	28.81 1.75 -0.01	32.98 1.59 -0.01	40.73 1.45 0.00	45.19 2.14 0.00	51.64 1.99 0.00	55.58 2.49 -2.03	66.22 2.37 0.00	57.56 1.35 0.00	58.30 1.15 24.46	42.28 2.12 38.27	43.60 1.12 14.68	32.11 2.05 47.51	67.16 2.23 1.80	75.89 3.73 -0.24	65.41 3.45 1.05	67.24 2.40 0.00	61.78 1.29 0.21	55.23 1.05 1.77	43.66 1.12 5.11	42.88 1.39 0.00
BRISTLHL_115KV_TB1 79998	31.57 -0.41 0.00	29.82 -0.34 0.00	27.16 -0.34 0.00	25.70 -0.34 0.00	26.77 -0.28 0.00	30.95 -0.43 0.00	38.58 -0.71 0.00	42.41 -0.65 0.00	48.92 -0.74 0.00	50.36 -0.70 0.00	62.87 -0.97 0.00	55.32 -0.88 0.00	80.30 -1.31 0.00	77.27 -1.16 0.00	56.31 -0.85 0.00	76.40 -1.16 0.00	65.87 -0.86 0.00	71.30 -0.65 -0.03	62.54 -0.48 0.00	64.14 -0.75 -0.05	59.73 -0.97 0.00	54.95 -1.01 -0.01	46.69 -0.97 0.00	40.51 -0.98 0.00
BROOKHAVEN___DRP 24191	32.72 0.75 0.00	32.27 1.17 -0.93	28.83 1.33 0.00	27.56 1.53 0.00	28.62 1.56 -0.01	32.69 1.30 -0.01	40.14 0.85 0.00	44.51 1.46 0.00	50.73 1.08 0.00	54.70 1.63 -2.00	65.22 1.38 0.00	56.67 0.46 0.00	56.46 -0.18 24.96	40.20 0.86 39.08	39.65 0.24 17.76	28.19 1.24 50.61	66.35 1.51 1.89	75.25 3.09 -0.24	65.00 3.07 1.09	66.77 1.92 0.00	61.27 0.78 0.22	54.76 0.64 1.84	43.21 0.78 5.23	42.42 0.93 0.00
BROOKLYN_NAVY_YARD 23515	32.82 0.86 0.01	31.21 1.05 0.01	28.59 1.10 0.01	27.17 1.15 0.01	28.17 1.13 0.01	32.36 0.98 0.01	40.49 1.20 0.00	44.89 1.84 0.00	51.22 1.57 0.01	53.08 2.03 0.01	66.23 2.38 0.00	57.88 1.67 0.00	83.86 2.25 0.00	81.39 2.96 0.00	148.56 1.90 -89.50	86.62 3.19 -5.87	72.12 3.12 -2.27	76.35 4.20 -0.24	67.14 3.49 -0.63	67.62 2.77 0.00	62.45 1.63 -0.13	58.37 1.47 -0.94	49.65 1.37 -0.62	42.88 1.39 0.00
BROOKLYN___ARMY_DRP 323595	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
BROOME_2_LFGE 323671	32.49 0.52 0.00	30.82 0.66 0.00	28.07 0.57 0.00	26.60 0.57 0.00	27.59 0.54 0.00	31.88 0.49 0.00	39.81 0.52 0.00	43.95 0.89 0.00	50.66 1.01 0.00	52.10 1.03 0.00	65.14 1.29 0.00	57.25 1.05 0.00	83.05 1.43 0.00	80.02 1.59 0.00	58.07 0.91 0.00	78.63 1.07 0.00	67.61 0.88 0.00	73.52 1.60 -0.01	64.76 1.74 0.00	66.27 1.41 -0.01	61.42 0.72 0.00	56.44 0.48 0.00	47.82 0.15 0.00	41.43 -0.06 0.00
BROOME___LFGE 323600	32.49 0.52 0.00	30.82 0.66 0.00	28.07 0.57 0.00	26.60 0.57 0.00	27.59 0.54 0.00	31.88 0.49 0.00	39.81 0.52 0.00	43.95 0.89 0.00	50.66 1.01 0.00	52.10 1.03 0.00	65.14 1.29 0.00	57.25 1.05 0.00	83.05 1.43 0.00	80.02 1.59 0.00	58.07 0.91 0.00	78.63 1.07 0.00	67.61 0.88 0.00	73.52 1.60 -0.01	64.76 1.74 0.00	66.27 1.41 -0.01	61.42 0.72 0.00	56.44 0.48 0.00	47.82 0.15 0.00	41.43 -0.06 0.00
BROWNFLS_115KV_TB 3_5 80003	32.33 0.36 0.00	30.43 0.27 0.00	27.71 0.21 0.00	26.30 0.27 0.00	27.52 0.47 0.00	32.18 0.79 0.00	40.54 1.26 0.00	44.50 1.45 0.00	51.19 1.53 0.00	52.18 1.11 0.00	65.05 1.21 0.00	57.31 1.10 0.00	83.28 1.67 0.00	79.44 1.01 0.00	58.17 1.01 0.00	78.96 1.40 0.00	68.00 1.26 0.00	72.94 1.01 -0.01	64.32 1.31 0.00	66.86 2.01 -0.01	63.18 2.48 0.00	58.42 2.46 0.00	49.93 2.27 0.00	43.34 1.85 0.00
BROWNSV1_27_KV_LOAD 356125	33.26 1.29 0.00	31.61 1.45 0.00	28.95 1.45 0.00	27.50 1.46 0.00	28.51 1.46 0.00	32.77 1.39 0.00	41.01 1.73 0.00	45.51 2.46 0.00	51.95 2.29 0.00	53.85 2.78 0.00	67.18 3.33 0.00	58.72 2.51 0.00	85.09 3.48 0.00	82.63 4.20 0.00	149.49 2.83 -89.50	87.85 4.42 -5.87	73.19 4.19 -2.27	77.50 5.35 -0.24	67.51 4.49 0.00	68.62 3.78 0.00	63.27 2.57 0.00	58.31 2.35 0.00	49.78 2.12 0.00	43.48 1.99 0.00
BURROWS___LYONSDAL 23803	32.38 0.41 0.00	30.63 0.47 0.00	27.98 0.48 0.00	26.60 0.56 0.00	27.82 0.76 0.00	32.34 0.96 0.00	40.56 1.27 0.00	44.66 1.61 0.00	51.43 1.78 0.00	52.60 1.54 0.00	65.61 1.76 0.00	57.48 1.27 0.00	83.45 1.84 0.00	79.99 1.56 0.00	58.52 1.35 0.00	79.63 2.07 0.00	68.78 2.05 0.00	74.48 2.57 0.00	65.72 2.71 0.00	67.92 3.07 -0.01	63.69 2.99 0.00	58.72 2.76 0.00	49.91 2.25 0.00	43.21 1.72 0.00
CAITHNESS_CC_1 323624	32.74 0.77 0.00	32.27 1.17 -0.93	28.82 1.32 0.00	27.56 1.52 0.00	28.58 1.53 -0.01	32.66 1.27 -0.01	40.14 0.85 0.00	44.52 1.46 0.00	50.75 1.10 0.00	54.70 1.64 -2.00	65.24 1.39 0.00	56.70 0.49 0.00	56.46 -0.17 24.98	40.19 0.86 39.10	39.60 0.27 17.84	28.11 1.23 50.68	66.33 1.48 1.89	75.17 3.01 -0.24	64.87 2.95 1.10	66.67 1.83 0.00	61.18 0.69 0.22	54.64 0.53 1.84	43.08 0.65 5.23	42.39 0.90 0.00
CALPINE BETH_PAGE_GT4 24209	33.07 1.11 0.00	32.66 1.34 -1.17	28.91 1.42 0.00	27.55 1.51 0.00	28.56 1.50 -0.01	32.74 1.35 -0.01	40.56 1.27 0.00	44.81 1.76 0.00	51.16 1.51 0.00	55.55 2.00 -2.49	65.96 2.11 0.00	57.46 1.25 0.00	64.86 1.05 17.81	52.70 1.76 27.50	84.40 0.99 -26.24	73.31 2.02 6.27	68.24 2.20 0.69	75.73 3.57 -0.24	65.35 3.11 0.78	67.06 2.21 0.00	61.49 1.06 0.27	55.77 0.92 1.11	45.00 1.00 3.66	42.67 1.18 0.00
CALPINE_BETH_PAGE_GT_4 323586	33.07 1.11 0.00	32.66 1.34 -1.17	28.91 1.41 0.00	27.55 1.51 0.00	28.56 1.50 -0.01	32.74 1.35 -0.01	40.56 1.27 0.00	44.81 1.76 0.00	51.16 1.50 0.00	55.55 2.00 -2.49	65.96 2.11 0.00	57.47 1.25 0.00	64.82 1.02 17.81	52.67 1.73 27.50	84.39 0.98 -26.24	73.30 2.00 6.27	68.24 2.20 0.69	75.72 3.57 -0.24	65.32 3.08 0.78	67.06 2.21 0.00	61.49 1.05 0.27	55.74 0.89 1.11	44.92 0.92 3.66	42.67 1.17 0.00
CALPINE_BP_GT1 23823	33.07 1.11 0.00	32.66 1.34 -1.17	28.91 1.41 0.00	27.55 1.51 0.00	28.56 1.50 -0.01	32.74 1.35 -0.01	40.56 1.27 0.00	44.81 1.76 0.00	51.16 1.50 0.00	55.55 2.00 -2.49	65.96 2.11 0.00	57.47 1.25 0.00	64.82 1.02 17.81	52.67 1.73 27.50	84.39 0.98 -26.24	73.30 2.00 6.27	68.24 2.20 0.69	75.72 3.57 -0.24	65.32 3.08 0.78	67.06 2.21 0.00	61.49 1.05 0.27	55.74 0.89 1.11	44.92 0.92 3.66	42.67 1.17 0.00
CALSPAN___DRP 24200	33.13 1.16 0.00	31.09 0.93 0.00	28.12 0.63 0.00	26.54 0.51 0.00	27.56 0.51 0.00	32.02 0.63 0.00	40.03 0.74 0.00	44.39 1.34 0.00	51.74 2.09 0.00	53.21 2.15 0.00	66.34 2.49 0.00	58.83 2.63 0.00	85.60 3.99 0.00	83.08 4.65 0.00	60.30 3.14 0.00	79.81 2.25 0.00	67.95 1.22 0.00	73.78 1.86 0.00	64.90 1.89 0.00	66.13 1.29 0.00	60.97 0.27 0.00	55.68 -0.28 0.00	46.86 -0.80 0.00	40.36 -1.13 0.00

CALVERTON___SOLAR 323806	32.71 0.75 0.00	32.29 1.19 -0.93	28.84 1.34 0.00	27.60 1.56 0.00	28.66 1.61 -0.01	32.74 1.35 -0.01	40.17 0.88 0.00	44.54 1.49 0.00	50.77 1.12 0.00	54.76 1.69 -2.00	65.27 1.42 0.00	56.74 0.52 0.00	56.46 -0.19 24.96	40.23 0.88 39.08	39.68 0.26 17.74	28.23 1.25 50.59	66.46 1.61 1.89	75.42 3.27 -0.24	65.12 3.20 1.09	66.95 2.11 0.00	61.45 0.97 0.22	54.87 0.75 1.84	43.24 0.81 5.23	42.49 1.01 0.00
CANDIGU_WT_PWR 323617	32.53 0.56 0.00	30.74 0.58 0.00	27.98 0.48 0.00	26.52 0.49 0.00	27.50 0.45 0.00	31.86 0.47 0.00	39.78 0.49 0.00	44.05 0.99 0.00	50.99 1.33 0.00	52.30 1.23 0.00	65.37 1.53 0.00	57.71 1.50 0.00	84.06 2.45 0.00	81.34 2.91 0.00	58.69 1.53 0.00	78.46 0.90 0.00	67.28 0.55 0.00	73.50 1.58 0.00	65.21 2.19 0.00	66.64 1.79 -0.01	61.48 0.78 0.00	56.23 0.27 0.00	47.27 -0.40 0.00	40.71 -0.78 0.00
CARR STREET_E_SYR 24060	32.02 0.04 0.00	30.27 0.11 0.00	27.61 0.12 0.00	26.18 0.15 0.00	27.13 0.08 0.00	31.40 0.01 0.00	39.08 -0.21 0.00	42.99 -0.06 0.00	49.61 -0.04 0.00	51.10 0.03 0.00	63.87 0.02 0.00	56.21 0.00 0.00	81.63 0.01 0.00	78.64 0.21 0.00	57.33 0.17 0.00	77.67 0.11 0.00	66.87 0.14 0.00	72.42 0.49 -0.01	63.54 0.53 0.00	65.12 0.26 -0.01	60.57 -0.13 0.00	55.70 -0.26 0.00	47.28 -0.38 0.00	41.00 -0.49 0.00
CARTHAGE___PAPER 23857	32.55 0.58 0.00	30.73 0.57 0.00	28.05 0.55 0.00	26.72 0.68 0.00	28.07 1.02 0.00	32.79 1.40 0.00	41.21 1.92 0.00	45.50 2.44 0.00	52.20 2.55 0.00	52.87 1.81 0.00	65.76 1.92 0.00	57.56 1.35 0.00	83.79 2.18 0.00	79.97 1.54 0.00	58.71 1.55 0.00	79.86 2.30 0.00	69.02 2.29 0.00	74.81 2.88 -0.01	66.37 3.35 0.00	69.15 4.29 -0.02	65.22 4.52 0.00	60.13 4.17 0.00	51.08 3.42 0.00	44.12 2.63 0.00
CASSADAGA_WT_PWR 323784	32.90 0.93 0.00	30.87 0.71 0.00	27.95 0.45 0.00	26.60 0.56 0.00	27.63 0.58 0.00	32.29 0.91 0.00	40.75 1.46 0.00	45.51 2.46 0.00	53.10 3.45 0.00	54.66 3.59 0.00	68.10 4.25 0.00	60.54 4.33 0.00	88.00 6.39 0.00	86.21 7.78 0.00	62.39 5.22 0.00	82.20 4.64 0.00	69.91 3.18 0.00	75.59 3.68 0.00	65.66 2.65 0.00	67.73 2.88 0.00	62.28 1.58 0.00	56.50 0.55 0.00	47.09 -0.57 0.00	40.12 -1.37 0.00
CE_DUNWOOD___DRP 24194	32.90 0.93 0.00	31.28 1.12 0.00	28.68 1.18 0.00	27.24 1.20 0.00	28.24 1.18 0.00	32.45 1.06 0.00	40.51 1.22 0.00	44.88 1.83 0.00	51.27 1.61 0.00	53.08 2.02 0.00	66.22 2.38 0.00	57.94 1.74 0.00	84.00 2.38 0.00	81.42 2.99 0.00	148.42 1.91 -89.35	86.52 3.10 -5.86	72.00 3.00 -2.27	76.19 4.04 -0.24	66.44 3.43 0.00	67.65 2.81 0.00	62.46 1.76 0.00	57.57 1.61 0.00	49.16 1.50 0.00	42.92 1.43 0.00
CE_MILLWOOD___DRP 24193	32.85 0.88 0.00	31.25 1.09 0.00	28.64 1.15 0.00	27.19 1.16 0.00	28.20 1.14 0.00	32.40 1.01 0.00	40.45 1.16 0.00	44.80 1.75 0.00	51.18 1.52 0.00	52.98 1.91 0.00	66.10 2.25 0.00	57.83 1.63 0.00	83.88 2.27 0.00	81.30 2.87 0.00	147.91 1.80 -88.94	86.34 2.95 -5.83	71.86 2.87 -2.26	76.04 3.89 -0.24	66.33 3.32 0.00	67.57 2.73 0.00	62.38 1.68 0.00	57.50 1.54 0.00	49.11 1.45 0.00	42.86 1.37 0.00
CE_NYC2_DRP 24202	32.98 1.01 0.00	31.36 1.20 0.00	28.74 1.24 0.00	27.31 1.28 0.00	28.32 1.26 0.00	32.53 1.14 0.00	40.70 1.41 0.00	45.15 2.10 0.00	51.48 1.82 0.00	53.33 2.27 0.00	66.52 2.68 0.00	58.12 1.91 0.00	84.26 2.65 0.00	81.82 3.39 0.00	148.85 2.18 -89.50	87.08 3.64 -5.87	72.48 3.48 -2.27	76.66 4.51 -0.24	66.73 3.72 0.00	67.88 3.04 0.00	62.59 1.88 0.00	57.64 1.68 0.00	49.22 1.56 0.00	43.06 1.57 0.00
CE_NYC_DRP 24195	32.99 1.02 0.00	31.37 1.20 0.00	28.74 1.24 0.00	27.31 1.27 0.00	28.32 1.26 0.00	32.54 1.15 0.00	40.69 1.41 0.00	45.13 2.07 0.00	51.49 1.84 0.00	53.37 2.30 0.00	66.56 2.72 0.00	58.18 1.97 0.00	84.34 2.73 0.00	81.84 3.41 0.00	148.88 2.22 -89.50	87.03 3.60 -5.87	72.45 3.44 -2.27	76.67 4.51 -0.24	66.78 3.76 0.00	67.89 3.05 0.00	62.62 1.92 0.00	57.69 1.73 0.00	49.28 1.62 0.00	43.08 1.59 0.00
CHAFFEE___LFGE 323603	33.27 1.30 0.00	31.24 1.08 0.00	28.24 0.74 0.00	26.67 0.63 0.00	27.69 0.64 0.00	32.15 0.76 0.00	40.22 0.93 0.00	44.63 1.57 0.00	52.02 2.37 0.00	53.47 2.41 0.00	66.64 2.79 0.00	59.08 2.87 0.00	85.95 4.34 0.00	83.40 4.97 0.00	60.52 3.35 0.00	80.11 2.55 0.00	68.23 1.50 0.00	74.09 2.17 0.00	65.26 2.24 0.00	66.47 1.62 0.00	61.27 0.57 0.00	55.97 0.02 0.00	47.09 -0.57 0.00	40.59 -0.90 0.00
CHATEAUG_35_KV_LOAD 355732	31.97 0.00 0.00	29.90 -0.27 0.00	27.01 -0.49 0.00	25.55 -0.49 0.00	26.65 -0.40 0.00	31.35 -0.04 0.00	39.60 0.32 0.00	43.04 -0.01 0.00	49.71 0.05 0.00	51.05 -0.02 0.00	63.94 0.09 0.00	56.78 0.57 0.00	82.68 1.07 0.00	79.14 0.71 0.00	57.83 0.66 0.00	78.62 1.06 0.00	67.62 0.89 0.00	72.26 0.34 0.00	63.34 0.33 0.00	65.75 0.90 0.00	62.23 1.53 0.00	57.47 1.52 0.00	48.94 1.28 0.00	42.63 1.14 0.00
CHATEAUG_WT_PWR 323614	31.98 0.01 0.00	29.92 -0.24 0.00	27.05 -0.45 0.00	25.58 -0.45 0.00	26.68 -0.37 0.00	31.35 -0.04 0.00	39.58 0.30 0.00	43.09 0.04 0.00	49.79 0.13 0.00	51.14 0.08 0.00	64.02 0.17 0.00	56.84 0.63 0.00	82.76 1.15 0.00	79.23 0.80 0.00	57.89 0.72 0.00	78.73 1.17 0.00	67.73 0.99 0.00	72.42 0.51 0.00	63.45 0.44 0.00	65.75 0.91 0.00	62.10 1.40 0.00	57.33 1.37 0.00	48.84 1.18 0.00	42.54 1.05 0.00
CHAT_HIGH_FALL_HYD 323578	31.97 0.00 0.00	29.90 -0.27 0.00	27.01 -0.49 0.00	25.55 -0.49 0.00	26.65 -0.40 0.00	31.35 -0.04 0.00	39.60 0.32 0.00	43.04 -0.01 0.00	49.71 0.05 0.00	51.05 -0.02 0.00	63.94 0.09 0.00	56.78 0.57 0.00	82.68 1.07 0.00	79.14 0.71 0.00	57.83 0.66 0.00	78.62 1.06 0.00	67.62 0.89 0.00	72.26 0.34 0.00	63.34 0.33 0.00	65.75 0.90 0.00	62.23 1.53 0.00	57.47 1.52 0.00	48.94 1.28 0.00	42.63 1.14 0.00
CHAUTAUQUA___LFGE 323629	33.04 1.08 0.00	31.03 0.87 0.00	28.05 0.55 0.00	26.58 0.54 0.00	27.61 0.56 0.00	32.19 0.80 0.00	40.42 1.13 0.00	44.96 1.91 0.00	52.45 2.80 0.00	53.96 2.90 0.00	67.21 3.36 0.00	59.68 3.48 0.00	86.87 5.25 0.00	84.72 6.29 0.00	61.44 4.28 0.00	81.10 3.54 0.00	69.02 2.29 0.00	74.83 2.91 0.00	65.39 2.37 0.00	67.09 2.24 0.00	61.76 1.06 0.00	56.26 0.30 0.00	47.07 -0.59 0.00	40.28 -1.21 0.00
CHERRYST_13_KV_LD 356241	33.08 1.11 0.00	31.45 1.29 0.00	28.82 1.32 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.82 1.54 0.00	45.29 2.24 0.00	51.70 2.04 0.00	53.60 2.53 0.00	66.85 3.01 0.00	58.44 2.23 0.00	84.71 3.10 0.00	82.24 3.81 0.00	149.17 2.51 -89.50	87.42 3.99 -5.87	72.78 3.77 -2.27	77.01 4.86 -0.24	67.05 4.04 0.00	68.14 3.30 0.00	62.83 2.13 0.00	57.87 1.92 0.00	49.44 1.79 0.00	43.21 1.72 0.00

CHESTROR_138KV_BK263 355645	32.74 0.77 0.00	31.13 0.97 0.00	28.52 1.02 0.00	27.07 1.04 0.00	28.07 1.02 0.00	32.27 0.88 0.00	40.28 0.99 0.00	44.57 1.52 0.00	50.95 1.30 0.00	52.68 1.62 0.00	65.75 1.90 0.00	57.59 1.39 0.00	83.53 1.92 0.00	80.95 2.51 0.00	138.86 1.57 -80.12	85.40 2.58 -5.26	71.33 2.56 -2.04	75.64 3.51 -0.21	66.03 3.01 0.00	67.33 2.48 0.00	62.24 1.54 0.00	57.39 1.43 0.00	49.00 1.34 0.00	42.70 1.21 0.00
CH_MIDHUDSON___DRP 24192	32.85 0.88 0.00	31.25 1.09 0.00	28.66 1.17 0.00	27.19 1.16 0.00	28.20 1.14 0.00	32.39 1.00 0.00	40.42 1.13 0.00	44.74 1.69 0.00	51.16 1.51 0.00	52.94 1.87 0.00	66.13 2.28 0.00	57.85 1.64 0.00	83.92 2.31 0.00	81.20 2.77 0.00	144.51 1.77 -85.57	86.07 2.89 -5.61	71.67 2.77 -2.17	75.94 3.80 -0.23	66.25 3.24 0.00	67.58 2.74 0.00	62.46 1.76 0.00	57.55 1.60 0.00	49.14 1.48 0.00	42.85 1.36 0.00
CH_MISC_IPPS 23765	33.08 1.11 0.00	31.46 1.30 0.00	28.83 1.34 0.00	27.35 1.31 0.00	28.35 1.30 0.00	32.59 1.21 0.00	40.69 1.41 0.00	45.07 2.02 0.00	51.55 1.90 0.00	53.34 2.27 0.00	66.62 2.78 0.00	58.30 2.09 0.00	84.59 2.98 0.00	81.94 3.51 0.00	142.95 2.33 -83.45	86.73 3.70 -5.47	72.34 3.49 -2.12	76.74 4.60 -0.22	66.93 3.92 0.00	68.23 3.39 0.00	63.01 2.31 0.00	58.08 2.12 0.00	49.53 1.87 0.00	43.18 1.69 0.00
CH_RES_BVR_FALLS 23983	31.75 -0.22 0.00	29.91 -0.25 0.00	27.24 -0.26 0.00	25.83 -0.20 0.00	26.89 -0.16 0.00	31.27 -0.12 0.00	39.28 -0.01 0.00	43.01 -0.05 0.00	49.65 -0.01 0.00	51.01 -0.06 0.00	63.74 -0.11 0.00	56.17 -0.04 0.00	81.55 -0.06 0.00	78.30 -0.13 0.00	57.15 -0.01 0.00	77.59 0.03 0.00	66.72 -0.01 0.00	71.73 -0.18 0.00	62.87 -0.14 0.00	64.85 0.01 0.00	60.88 0.18 0.00	56.14 0.18 0.00	47.82 0.16 0.00	41.66 0.17 0.00
CH_RES_NIAGARA 23895	32.33 0.37 0.00	30.35 0.19 0.00	27.42 -0.08 0.00	25.85 -0.18 0.00	26.83 -0.22 0.00	31.16 -0.22 0.00	38.87 -0.41 0.00	42.94 -0.12 0.00	49.98 0.33 0.00	51.48 0.42 0.00	64.16 0.31 0.00	56.99 0.78 0.00	83.09 1.48 0.00	80.59 2.16 0.00	58.53 1.37 0.00	77.28 -0.28 0.00	65.68 -1.06 0.00	71.33 -0.59 0.00	62.71 -0.31 0.00	63.93 -0.92 0.00	58.96 -1.74 0.00	53.86 -2.10 0.00	45.47 -2.19 0.00	39.22 -2.27 0.00
CH_RES_SYRACUSE 23985	32.10 0.13 0.00	30.31 0.15 0.00	27.88 0.38 0.00	26.63 0.59 0.00	27.38 0.33 0.00	31.51 0.12 0.00	39.27 -0.01 0.00	43.23 0.18 0.00	49.86 0.21 0.00	51.31 0.24 0.00	64.15 0.31 0.00	56.41 0.20 0.00	81.87 0.26 0.00	78.89 0.46 0.00	57.55 0.39 0.00	78.03 0.47 0.00	67.23 0.50 0.00	72.81 0.88 -0.01	63.86 0.85 0.00	65.45 0.58 -0.03	60.93 0.23 0.00	56.02 0.06 0.00	47.52 -0.14 0.00	41.21 -0.28 0.00
CLINTON_WT_PWR 323605	31.98 0.01 0.00	29.92 -0.24 0.00	27.05 -0.45 0.00	25.58 -0.45 0.00	26.68 -0.37 0.00	31.35 -0.04 0.00	39.58 0.30 0.00	43.09 0.04 0.00	49.79 0.13 0.00	51.14 0.08 0.00	64.02 0.17 0.00	56.84 0.63 0.00	82.76 1.15 0.00	79.23 0.80 0.00	57.89 0.72 0.00	78.73 1.17 0.00	67.73 0.99 0.00	72.42 0.51 0.00	63.45 0.44 0.00	65.75 0.91 0.00	62.10 1.40 0.00	57.33 1.37 0.00	48.84 1.18 0.00	42.54 1.05 0.00
CLINTON___LFGE 323618	32.48 0.51 0.00	30.38 0.22 0.00	27.44 -0.06 0.00	25.93 -0.10 0.00	27.05 0.00 0.00	31.76 0.37 0.00	40.15 0.86 0.00	43.75 0.70 0.00	50.45 0.80 0.00	51.77 0.71 0.00	64.68 0.83 0.00	57.41 1.21 0.00	83.73 2.12 0.00	80.15 1.72 0.00	58.63 1.46 0.00	79.75 2.19 0.00	68.87 2.14 0.00	73.67 1.76 0.00	64.60 1.59 0.00	66.97 2.13 0.00	63.24 2.54 0.00	58.41 2.45 0.00	49.73 2.07 0.00	43.23 1.74 0.00
COBBLENY_34_KV_TB1 80064	33.28 1.31 0.00	31.24 1.08 0.00	28.24 0.74 0.00	26.67 0.63 0.00	27.69 0.64 0.00	32.15 0.76 0.00	40.22 0.93 0.00	44.63 1.57 0.00	52.02 2.37 0.00	53.47 2.40 0.00	66.64 2.79 0.00	59.08 2.87 0.00	85.95 4.34 0.00	83.40 4.97 0.00	60.51 3.34 0.00	80.11 2.55 0.00	68.23 1.50 0.00	74.09 2.18 0.00	65.26 2.24 0.00	66.47 1.62 0.00	61.27 0.57 0.00	55.96 0.00 0.00	47.07 -0.59 0.00	40.59 -0.90 0.00
COFFEEN___115KV_TB3 355620	32.71 0.74 0.00	30.88 0.71 0.00	28.18 0.68 0.00	26.86 0.82 0.00	28.22 1.17 0.00	32.95 1.56 0.00	41.34 2.05 0.00	45.74 2.68 0.00	52.34 2.68 0.00	52.97 1.90 0.00	65.82 1.97 0.00	57.59 1.38 0.00	83.98 2.36 0.00	79.95 1.52 0.00	58.89 1.72 0.00	79.99 2.43 0.00	69.11 2.38 0.00	75.27 3.34 -0.01	66.88 3.87 0.00	69.76 4.90 -0.02	65.71 5.01 0.00	60.54 4.58 0.00	51.29 3.63 0.00	44.22 2.73 0.00
COLDSPRG_115KV_BK1 355956	33.61 1.64 0.00	31.64 1.48 0.00	28.68 1.18 0.00	27.18 1.15 0.00	28.24 1.19 0.00	32.88 1.49 0.00	41.35 2.06 0.00	46.08 3.03 0.00	53.66 4.01 0.00	55.05 3.99 0.00	68.45 4.61 0.00	60.91 4.70 0.00	89.06 7.45 0.00	86.92 8.49 0.00	62.49 5.32 0.00	81.91 4.35 0.00	69.63 2.89 0.00	75.30 3.39 0.00	66.09 3.08 0.00	67.63 2.78 0.00	62.16 1.46 0.00	56.62 0.66 0.00	47.43 -0.23 0.00	40.86 -0.64 0.00
COLONIE_LFGE___ 323577	32.56 0.59 0.00	31.00 0.84 0.00	28.43 0.93 0.00	26.89 0.86 0.00	27.90 0.84 0.00	32.07 0.68 0.00	39.90 0.61 0.00	43.86 0.81 0.00	50.33 0.67 0.00	51.98 0.92 0.00	64.69 0.85 0.00	56.60 0.40 0.00	82.14 0.53 0.00	78.84 0.41 0.00	-33.31 0.16 90.63	72.05 0.44 5.94	64.88 0.46 2.30	72.75 1.08 0.24	63.98 0.96 0.00	65.87 1.02 0.00	61.22 0.52 0.00	56.50 0.55 0.00	48.34 0.68 0.00	42.23 0.74 0.00
COOPERNY_115KV_TB1 80082	32.59 0.62 0.00	31.00 0.84 0.00	28.38 0.88 0.00	26.92 0.89 0.00	27.92 0.87 0.00	32.12 0.74 0.00	40.08 0.79 0.00	44.29 1.24 0.00	50.68 1.03 0.00	52.38 1.31 0.00	65.40 1.55 0.00	57.32 1.11 0.00	83.14 1.53 0.00	80.44 2.01 0.00	121.25 1.20 -62.89	83.71 2.02 -4.12	70.33 2.00 -1.60	74.93 2.85 -0.17	65.52 2.50 0.00	66.86 2.02 0.00	61.89 1.19 0.00	57.05 1.09 0.00	48.68 1.02 0.00	42.41 0.92 0.00
COPENHAGEN_WT_PWR 323753	32.02 0.05 0.00	30.26 0.10 0.00	27.66 0.16 0.00	26.41 0.37 0.00	27.80 0.75 0.00	32.45 1.07 0.00	40.78 1.49 0.00	45.08 2.03 0.00	51.73 2.08 0.00	52.39 1.32 0.00	65.23 1.38 0.00	57.10 0.89 0.00	83.18 1.57 0.00	79.34 0.91 0.00	58.39 1.22 0.00	79.42 1.86 0.00	68.49 1.76 0.00	74.32 2.39 -0.01	65.93 2.92 0.00	68.68 3.81 -0.02	64.71 4.01 0.00	59.65 3.69 0.00	50.57 2.91 0.00	43.63 2.14 0.00
CORNELL_____ 23752	32.89 0.93 0.00	31.11 0.95 0.00	28.41 0.91 0.00	26.98 0.95 0.00	27.91 0.86 0.00	32.29 0.90 0.00	40.31 1.02 0.00	44.49 1.44 0.00	51.31 1.66 0.00	52.63 1.57 0.00	65.96 2.12 0.00	57.85 1.64 0.00	83.64 2.03 0.00	80.37 1.94 0.00	58.44 1.28 0.00	79.15 1.58 0.00	68.36 1.63 0.00	74.76 2.83 -0.01	65.92 2.91 0.00	67.49 2.64 -0.01	62.77 2.06 0.00	57.62 1.66 0.00	48.77 1.11 0.00	42.21 0.72 0.00

CORONA_69_KV_TB1 355595	33.18 1.21 0.00	33.25 1.41 -1.68	28.97 1.47 0.00	27.59 1.56 0.00	28.62 1.55 -0.01	32.82 1.42 -0.01	40.74 1.46 0.00	45.19 2.14 0.00	51.63 1.98 0.00	57.13 2.49 -3.58	66.69 2.84 0.00	58.21 2.00 -0.01	83.80 2.19 0.00	82.62 2.91 -1.28	193.09 1.86 -134.06	181.35 3.19 -100.60	72.11 3.10 -2.27	76.70 4.54 -0.24	68.13 3.84 -1.28	67.84 3.00 0.00	62.78 1.82 -0.26	59.44 1.58 -1.90	50.15 1.57 -0.91	43.12 1.63 0.00
CORTLAND_115KV_TB3 80093	32.58 0.61 0.00	30.86 0.70 0.00	28.14 0.64 0.00	26.70 0.67 0.00	27.66 0.61 0.00	32.00 0.61 0.00	39.91 0.63 0.00	44.00 0.95 0.00	50.75 1.10 0.00	52.16 1.09 0.00	65.25 1.41 0.00	57.31 1.11 0.00	83.00 1.39 0.00	79.83 1.40 0.00	58.10 0.93 0.00	78.77 1.21 0.00	67.98 1.25 0.00	73.95 2.03 -0.01	65.10 2.09 0.00	66.67 1.82 -0.01	61.99 1.29 0.00	56.99 1.03 0.00	48.30 0.64 0.00	41.84 0.35 0.00
COXSACKIE___GT 23611	33.18 1.22 0.00	31.57 1.41 0.00	28.91 1.42 0.00	27.36 1.33 0.00	28.39 1.34 0.00	32.72 1.33 0.00	40.78 1.50 0.00	44.91 1.86 0.00	51.64 1.98 0.00	53.41 2.35 0.00	66.39 2.54 0.00	57.87 1.66 0.00	84.05 2.44 0.00	80.53 2.10 0.00	39.53 1.69 19.33	78.36 2.06 1.27	68.07 1.83 0.49	74.38 2.52 0.05	65.46 2.45 0.00	68.05 3.20 0.00	63.38 2.68 0.00	58.48 2.53 0.00	49.79 2.13 0.00	43.24 1.75 0.00
CPV_VALLEY___CC1 323721	32.52 0.56 0.00	30.95 0.79 0.00	28.35 0.86 0.00	26.91 0.87 0.00	27.90 0.85 0.00	32.08 0.69 0.00	40.00 0.72 0.00	44.27 1.21 0.00	50.60 0.95 0.00	52.33 1.27 0.00	65.31 1.46 0.00	57.21 1.00 0.00	83.00 1.39 0.00	80.39 1.96 0.00	132.16 1.15 -73.85	84.41 2.00 -4.84	70.61 2.00 -1.88	75.00 2.88 -0.20	65.49 2.48 0.00	66.80 1.96 0.00	61.78 1.08 0.00	56.95 0.99 0.00	48.61 0.95 0.00	42.39 0.90 0.00
CPV_VALLEY___CC2 323722	32.52 0.56 0.00	30.95 0.79 0.00	28.35 0.86 0.00	26.91 0.87 0.00	27.90 0.85 0.00	32.08 0.69 0.00	40.00 0.72 0.00	44.27 1.21 0.00	50.60 0.95 0.00	52.33 1.27 0.00	65.31 1.46 0.00	57.21 1.00 0.00	83.00 1.39 0.00	80.39 1.96 0.00	132.16 1.15 -73.85	84.41 2.00 -4.84	70.61 2.00 -1.88	75.00 2.88 -0.20	65.49 2.48 0.00	66.80 1.96 0.00	61.78 1.08 0.00	56.95 0.99 0.00	48.61 0.95 0.00	42.39 0.90 0.00
CRESCENT___HYD 24018	32.56 0.59 0.00	31.00 0.84 0.00	28.43 0.93 0.00	26.89 0.86 0.00	27.90 0.84 0.00	32.07 0.68 0.00	39.90 0.61 0.00	43.86 0.81 0.00	50.33 0.67 0.00	51.98 0.92 0.00	64.69 0.85 0.00	56.60 0.40 0.00	82.14 0.53 0.00	78.84 0.41 0.00	-33.31 0.16 90.63	72.05 0.44 5.94	64.88 0.46 2.30	72.75 1.08 0.24	63.98 0.96 0.00	65.87 1.02 0.00	61.22 0.52 0.00	56.50 0.55 0.00	48.34 0.68 0.00	42.23 0.74 0.00
CRICKET___VALLEY_CC1 323756	32.38 0.42 0.00	30.83 0.66 0.00	28.33 0.83 0.00	26.89 0.86 0.00	27.88 0.82 0.00	31.95 0.56 0.00	39.79 0.50 0.00	44.00 0.95 0.00	50.34 0.69 0.00	52.10 1.03 0.00	65.15 1.30 0.00	56.95 0.75 0.00	82.57 0.96 0.00	79.68 1.25 0.00	-950.55 0.55 1008.27	12.64 1.23 66.15	42.44 1.32 25.61	71.43 2.21 2.70	64.85 1.83 0.00	66.27 1.43 0.00	61.31 0.61 0.00	56.52 0.57 0.00	48.31 0.65 0.00	42.19 0.70 0.00
CRICKET___VALLEY_CC2 323757	32.38 0.42 0.00	30.83 0.66 0.00	28.33 0.83 0.00	26.89 0.86 0.00	27.88 0.82 0.00	31.95 0.56 0.00	39.79 0.50 0.00	44.00 0.95 0.00	50.34 0.69 0.00	52.10 1.03 0.00	65.15 1.30 0.00	56.95 0.75 0.00	82.57 0.96 0.00	79.68 1.25 0.00	-950.74 0.55 1008.46	12.64 1.23 66.15	42.44 1.32 25.61	71.43 2.21 2.70	64.85 1.83 0.00	66.27 1.43 0.00	61.31 0.61 0.00	56.52 0.57 0.00	48.31 0.65 0.00	42.19 0.70 0.00
CRICKET___VALLEY_CC3 323758	32.38 0.42 0.00	30.83 0.66 0.00	28.33 0.83 0.00	26.89 0.86 0.00	27.88 0.82 0.00	31.95 0.56 0.00	39.79 0.50 0.00	44.00 0.95 0.00	50.34 0.69 0.00	52.10 1.03 0.00	65.15 1.30 0.00	56.95 0.75 0.00	82.57 0.96 0.00	79.68 1.25 0.00	-950.55 0.55 1008.27	12.64 1.23 66.15	42.44 1.32 25.61	71.43 2.21 2.70	64.85 1.83 0.00	66.27 1.43 0.00	61.31 0.61 0.00	56.52 0.57 0.00	48.31 0.65 0.00	42.19 0.70 0.00
CRUCIBLE_METL_DRP 24180	32.10 0.14 0.00	30.31 0.15 0.00	27.88 0.38 0.00	26.63 0.59 0.00	27.38 0.32 0.00	31.51 0.12 0.00	39.27 -0.01 0.00	43.23 0.18 0.00	49.86 0.20 0.00	51.31 0.24 0.00	64.15 0.30 0.00	56.41 0.20 0.00	81.87 0.26 0.00	78.89 0.45 0.00	57.55 0.38 0.00	78.02 0.46 0.00	67.23 0.50 0.00	72.81 0.88 -0.01	63.86 0.85 0.00	65.45 0.58 -0.03	60.93 0.23 0.00	56.02 0.06 0.00	47.51 -0.15 0.00	41.21 -0.28 0.00
DAHOWA___HYDRO 323763	32.97 1.01 0.00	31.40 1.23 0.00	28.77 1.27 0.00	27.21 1.18 0.00	28.25 1.20 0.00	32.45 1.06 0.00	40.48 1.19 0.00	44.48 1.43 0.00	51.02 1.36 0.00	52.68 1.61 0.00	65.52 1.67 0.00	57.29 1.08 0.00	82.96 1.35 0.00	79.58 1.15 0.00	-14.98 0.68 72.83	73.70 0.91 4.77	65.94 1.06 1.85	73.53 1.81 0.19	64.91 1.89 0.00	66.98 2.13 0.00	62.35 1.65 0.00	57.46 1.51 0.00	49.06 1.40 0.00	42.90 1.41 0.00
DANC___LFGE 323619	31.93 -0.04 0.00	30.17 0.01 0.00	27.54 0.04 0.00	26.20 0.17 0.00	27.46 0.40 0.00	31.92 0.53 0.00	39.99 0.70 0.00	44.12 1.07 0.00	50.71 1.05 0.00	51.67 0.60 0.00	64.39 0.55 0.00	56.48 0.27 0.00	82.14 0.52 0.00	78.60 0.17 0.00	57.61 0.45 0.00	78.28 0.72 0.00	67.52 0.79 0.00	73.17 1.25 -0.02	64.63 1.62 0.00	66.95 2.08 -0.03	62.83 2.13 0.00	57.92 1.96 0.00	49.18 1.52 0.00	42.53 1.03 0.00
DANSKAMMER___1 23586	33.08 1.11 0.00	31.46 1.30 0.00	28.83 1.34 0.00	27.35 1.31 0.00	28.35 1.30 0.00	32.59 1.21 0.00	40.69 1.41 0.00	45.07 2.02 0.00	51.55 1.90 0.00	53.34 2.27 0.00	66.62 2.78 0.00	58.30 2.09 0.00	84.59 2.98 0.00	81.94 3.51 0.00	142.95 2.33 -83.45	86.73 3.70 -5.47	72.34 3.49 -2.12	76.74 4.60 -0.22	66.93 3.92 0.00	68.23 3.39 0.00	63.01 2.31 0.00	58.08 2.12 0.00	49.53 1.87 0.00	43.18 1.69 0.00
DANSKAMMER___2 23589	33.08 1.11 0.00	31.46 1.30 0.00	28.83 1.34 0.00	27.35 1.31 0.00	28.35 1.30 0.00	32.59 1.21 0.00	40.69 1.41 0.00	45.07 2.02 0.00	51.55 1.90 0.00	53.34 2.27 0.00	66.62 2.78 0.00	58.30 2.09 0.00	84.59 2.98 0.00	81.94 3.51 0.00	142.95 2.33 -83.45	86.73 3.70 -5.47	72.34 3.49 -2.12	76.74 4.60 -0.22	66.93 3.92 0.00	68.23 3.39 0.00	63.01 2.31 0.00	58.08 2.12 0.00	49.53 1.87 0.00	43.18 1.69 0.00
DANSKAMMER___3 23590	33.08 1.11 0.00	31.46 1.30 0.00	28.83 1.34 0.00	27.35 1.31 0.00	28.35 1.30 0.00	32.59 1.21 0.00	40.69 1.41 0.00	45.07 2.02 0.00	51.55 1.90 0.00	53.34 2.27 0.00	66.62 2.78 0.00	58.30 2.09 0.00	84.59 2.98 0.00	81.94 3.51 0.00	142.95 2.33 -83.45	86.73 3.70 -5.47	72.34 3.49 -2.12	76.74 4.60 -0.22	66.93 3.92 0.00	68.23 3.39 0.00	63.01 2.31 0.00	58.08 2.12 0.00	49.53 1.87 0.00	43.18 1.69 0.00

DANSKAMMER___4 23591	33.08 1.11 0.00	31.46 1.30 0.00	28.83 1.34 0.00	27.35 1.31 0.00	28.35 1.30 0.00	32.59 1.21 0.00	40.69 1.41 0.00	45.07 2.02 0.00	51.55 1.90 0.00	53.34 2.27 0.00	66.62 2.78 0.00	58.30 2.09 0.00	84.59 2.98 0.00	81.94 3.51 0.00	142.95 2.33 -83.45	86.73 3.70 -5.47	72.34 3.49 -2.12	76.74 4.60 -0.22	66.93 3.92 0.00	68.23 3.39 0.00	63.01 2.31 0.00	58.08 2.12 0.00	49.53 1.87 0.00	43.18 1.69 0.00
DANSKAMMER___DIESEL 23592	33.08 1.12 0.00	31.46 1.30 0.00	28.83 1.34 0.00	27.35 1.32 0.00	28.35 1.30 0.00	32.60 1.21 0.00	40.70 1.41 0.00	45.07 2.02 0.00	51.55 1.90 0.00	53.34 2.27 0.00	66.62 2.78 0.00	58.30 2.09 0.00	84.61 3.00 0.00	81.94 3.51 0.00	142.94 2.33 -83.45	86.73 3.70 -5.47	72.34 3.49 -2.12	76.74 4.60 -0.22	66.95 3.93 0.00	68.24 3.39 0.00	63.01 2.31 0.00	58.08 2.12 0.00	49.55 1.89 0.00	43.18 1.69 0.00
DARBY___SOLAR 323810	32.89 0.92 0.00	31.31 1.15 0.00	28.69 1.20 0.00	27.15 1.12 0.00	28.18 1.13 0.00	32.38 0.99 0.00	40.36 1.08 0.00	44.36 1.31 0.00	50.88 1.23 0.00	52.52 1.46 0.00	65.34 1.49 0.00	57.13 0.92 0.00	82.80 1.19 0.00	79.40 0.97 0.00	-18.11 0.60 75.87	73.42 0.83 4.97	65.80 0.99 1.93	73.40 1.69 0.20	64.75 1.74 0.00	66.79 1.95 0.00	62.17 1.46 0.00	57.30 1.35 0.00	48.93 1.27 0.00	42.78 1.29 0.00
DASHVILLE___HYD 23610	32.77 0.80 0.00	31.17 1.01 0.00	28.58 1.08 0.00	27.12 1.08 0.00	28.12 1.07 0.00	32.31 0.92 0.00	40.34 1.06 0.00	44.64 1.59 0.00	51.07 1.41 0.00	52.82 1.75 0.00	65.98 2.14 0.00	57.72 1.52 0.00	83.79 2.18 0.00	81.05 2.62 0.00	112.02 1.78 -53.08	84.01 2.97 -3.48	70.83 2.75 -1.35	75.74 3.68 -0.14	66.16 3.15 0.00	67.48 2.64 0.00	62.40 1.70 0.00	57.51 1.56 0.00	49.09 1.43 0.00	42.77 1.28 0.00
DELAWARE___LFGE 323621	32.73 0.77 0.00	31.13 0.97 0.00	28.43 0.93 0.00	26.95 0.92 0.00	27.96 0.90 0.00	32.28 0.89 0.00	40.30 1.02 0.00	44.43 1.38 0.00	51.03 1.38 0.00	52.62 1.56 0.00	65.75 1.91 0.00	57.70 1.49 0.00	83.79 2.18 0.00	80.76 2.33 0.00	73.06 1.53 -14.37	80.60 2.10 -0.94	69.00 1.91 -0.37	74.54 2.58 -0.04	65.44 2.43 0.00	67.05 2.20 0.00	62.25 1.55 0.00	57.27 1.31 0.00	48.74 1.08 0.00	42.36 0.87 0.00
DERFIELD_115KV_TB7 355931	31.95 -0.02 0.00	30.25 0.08 0.00	27.61 0.11 0.00	26.14 0.10 0.00	27.17 0.11 0.00	31.43 0.04 0.00	39.26 -0.03 0.00	43.10 0.05 0.00	49.61 -0.04 0.00	51.09 0.02 0.00	63.83 -0.02 0.00	56.09 -0.12 0.00	81.44 -0.17 0.00	78.28 -0.14 0.00	57.03 -0.13 0.00	77.45 -0.11 0.00	66.67 -0.06 0.00	72.07 0.15 0.00	63.19 0.17 0.00	64.97 0.12 0.00	60.64 -0.06 0.00	55.91 -0.05 0.00	47.65 0.00 0.00	41.47 -0.02 0.00
DOGLEVILLE___HYD 23807	31.77 -0.20 0.00	30.41 0.25 0.00	27.93 0.43 0.00	26.43 0.40 0.00	27.44 0.39 0.00	31.49 0.10 0.00	39.11 -0.17 0.00	43.08 0.03 0.00	49.30 -0.36 0.00	50.80 -0.26 0.00	63.39 -0.46 0.00	55.21 -1.00 0.00	79.89 -1.73 0.00	76.36 -2.07 0.00	55.39 -1.78 0.00	75.41 -2.15 0.00	65.02 -1.71 0.00	71.40 -0.52 0.00	63.42 0.41 0.00	65.62 0.78 0.00	60.91 0.21 0.00	56.05 0.09 0.00	47.83 0.17 0.00	41.64 0.15 0.00
DUNKIRK___115KV_TB_200 55889	33.06 1.09 0.00	31.04 0.88 0.00	28.06 0.56 0.00	26.57 0.54 0.00	27.60 0.55 0.00	32.17 0.78 0.00	40.37 1.09 0.00	44.87 1.81 0.00	52.36 2.70 0.00	53.87 2.80 0.00	67.09 3.24 0.00	59.58 3.37 0.00	86.68 5.07 0.00	84.51 6.08 0.00	61.30 4.13 0.00	80.93 3.37 0.00	68.87 2.14 0.00	74.69 2.78 0.00	65.32 2.31 0.00	66.97 2.13 0.00	61.66 0.96 0.00	56.18 0.22 0.00	47.04 -0.62 0.00	40.30 -1.19 0.00
DUNKIRK___1 23563	33.06 1.09 0.00	31.04 0.88 0.00	28.06 0.56 0.00	26.57 0.54 0.00	27.60 0.55 0.00	32.17 0.78 0.00	40.37 1.09 0.00	44.87 1.81 0.00	52.36 2.70 0.00	53.87 2.80 0.00	67.09 3.24 0.00	59.58 3.37 0.00	86.68 5.07 0.00	84.51 6.08 0.00	61.30 4.13 0.00	80.93 3.37 0.00	68.87 2.14 0.00	74.69 2.78 0.00	65.32 2.31 0.00	66.97 2.13 0.00	61.66 0.96 0.00	56.18 0.22 0.00	47.04 -0.62 0.00	40.30 -1.19 0.00
DUNKIRK___2 23564	33.06 1.09 0.00	31.04 0.88 0.00	28.06 0.56 0.00	26.57 0.54 0.00	27.60 0.55 0.00	32.17 0.78 0.00	40.37 1.09 0.00	44.87 1.81 0.00	52.36 2.70 0.00	53.87 2.80 0.00	67.09 3.24 0.00	59.58 3.37 0.00	86.68 5.07 0.00	84.51 6.08 0.00	61.30 4.13 0.00	80.93 3.37 0.00	68.87 2.14 0.00	74.69 2.78 0.00	65.32 2.31 0.00	66.97 2.13 0.00	61.66 0.96 0.00	56.18 0.22 0.00	47.04 -0.62 0.00	40.30 -1.19 0.00
DUNKIRK___3 23565	33.05 1.08 0.00	31.04 0.88 0.00	28.07 0.57 0.00	26.55 0.52 0.00	27.58 0.53 0.00	32.11 0.72 0.00	40.24 0.95 0.00	44.68 1.63 0.00	52.10 2.45 0.00	53.61 2.55 0.00	66.79 2.95 0.00	59.26 3.05 0.00	86.19 4.58 0.00	83.92 5.49 0.00	60.89 3.72 0.00	80.43 2.87 0.00	68.47 1.73 0.00	74.29 2.37 0.00	65.09 2.07 0.00	66.60 1.76 0.00	61.34 0.64 0.00	55.94 -0.02 0.00	46.92 -0.75 0.00	40.28 -1.21 0.00
DUNKIRK___4 23566	33.05 1.08 0.00	31.04 0.88 0.00	28.07 0.57 0.00	26.55 0.52 0.00	27.58 0.53 0.00	32.11 0.72 0.00	40.24 0.95 0.00	44.68 1.63 0.00	52.10 2.45 0.00	53.61 2.55 0.00	66.79 2.95 0.00	59.26 3.05 0.00	86.19 4.58 0.00	83.92 5.49 0.00	60.89 3.72 0.00	80.43 2.87 0.00	68.47 1.73 0.00	74.29 2.37 0.00	65.09 2.07 0.00	66.60 1.76 0.00	61.34 0.64 0.00	55.94 -0.02 0.00	46.92 -0.75 0.00	40.28 -1.21 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.95 0.98 0.00	31.33 1.17 0.00	28.72 1.22 0.00	27.27 1.24 0.00	28.28 1.23 0.00	32.49 1.10 0.00	40.57 1.28 0.00	44.96 1.91 0.00	51.35 1.69 0.00	53.17 2.11 0.00	66.33 2.48 0.00	58.01 1.80 0.00	84.10 2.49 0.00	81.55 3.12 0.00	148.68 2.01 -89.50	86.69 3.26 -5.87	72.14 3.14 -2.27	76.34 4.19 -0.24	66.57 3.56 0.00	67.76 2.92 0.00	62.53 1.83 0.00	57.62 1.67 0.00	49.21 1.56 0.00	42.98 1.49 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.88 0.91 0.00	31.27 1.11 0.00	28.65 1.15 0.00	27.19 1.16 0.00	28.18 1.13 0.00	32.41 1.02 0.00	40.45 1.17 0.00	44.80 1.74 0.00	51.22 1.57 0.00	52.98 1.91 0.00	66.15 2.30 0.00	57.90 1.70 0.00	84.02 2.41 0.00	81.41 2.98 0.00	138.72 1.91 -79.64	85.92 3.13 -5.22	71.77 3.01 -2.02	76.16 4.03 -0.21	66.47 3.45 0.00	67.74 2.90 0.00	62.60 1.90 0.00	57.71 1.75 0.00	49.25 1.59 0.00	42.93 1.44 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.96 0.99 0.00	31.35 1.19 0.00	28.71 1.21 0.00	27.26 1.23 0.00	28.28 1.23 0.00	32.50 1.12 0.00	40.68 1.40 0.00	45.10 2.05 0.00	51.44 1.78 0.00	53.31 2.25 0.00	66.48 2.63 0.00	58.07 1.86 0.00	84.19 2.57 0.00	81.69 3.26 0.00	148.74 2.07 -89.50	86.96 3.53 -5.87	72.37 3.37 -2.27	76.58 4.42 -0.24	66.60 3.58 0.00	67.83 2.98 0.00	62.59 1.89 0.00	57.68 1.72 0.00	49.29 1.63 0.00	43.10 1.61 0.00

E179THST_13_KV_LOAD 356214	33.11 1.14 0.00	31.48 1.32 0.00	28.83 1.33 0.00	27.38 1.34 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.87 1.58 0.00	45.31 2.26 0.00	51.70 2.05 0.00	53.58 2.52 0.00	66.85 3.00 0.00	58.39 2.18 0.00	84.67 3.06 0.00	82.17 3.74 0.00	149.09 2.42 -89.50	87.44 4.01 -5.87	72.80 3.79 -2.27	77.05 4.89 -0.24	67.03 4.02 0.00	68.25 3.41 0.00	62.96 2.26 0.00	58.01 2.06 0.00	49.57 1.91 0.00	43.34 1.84 0.00
EAST HAMPTON___GT 23717	32.75 0.78 0.00	32.16 1.06 -0.94	28.82 1.33 0.00	28.02 1.99 0.00	29.14 2.08 -0.01	33.49 2.10 -0.01	41.19 1.91 0.00	45.57 2.52 0.00	51.83 2.17 0.00	56.19 3.13 -2.00	66.11 2.26 0.00	57.91 1.70 0.00	58.06 1.40 24.95	41.84 2.47 39.06	40.51 1.02 17.67	29.63 2.59 50.52	68.25 3.41 1.89	78.36 6.20 -0.24	67.58 5.65 1.09	69.79 4.95 0.00	64.25 3.77 0.22	57.33 3.21 1.84	45.25 2.82 5.23	44.14 2.65 0.00
EAST RIVER___6 23660	33.02 1.05 0.00	31.38 1.22 0.00	28.76 1.26 0.00	27.32 1.28 0.00	28.33 1.28 0.00	32.56 1.17 0.00	40.72 1.44 0.00	45.14 2.09 0.00	51.52 1.86 0.00	53.39 2.32 0.00	66.57 2.72 0.00	58.20 2.00 0.00	84.38 2.76 0.00	81.91 3.48 0.00	148.97 2.31 -89.50	87.13 3.70 -5.87	72.55 3.55 -2.27	76.79 4.64 -0.24	66.85 3.83 0.00	67.93 3.08 0.00	62.67 1.97 0.00	57.72 1.76 0.00	49.31 1.65 0.00	43.14 1.64 0.00
EAST RIVER___7 23524	33.02 1.05 0.00	31.38 1.22 0.00	28.76 1.26 0.00	27.32 1.28 0.00	28.33 1.28 0.00	32.56 1.17 0.00	40.72 1.44 0.00	45.14 2.09 0.00	51.52 1.86 0.00	53.39 2.32 0.00	66.57 2.72 0.00	58.20 2.00 0.00	84.38 2.76 0.00	81.91 3.48 0.00	148.97 2.31 -89.50	87.13 3.70 -5.87	72.55 3.55 -2.27	76.79 4.64 -0.24	66.85 3.83 0.00	67.93 3.08 0.00	62.67 1.97 0.00	57.72 1.76 0.00	49.31 1.65 0.00	43.14 1.64 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.90 0.93 0.00	31.28 1.12 0.00	28.68 1.18 0.00	27.24 1.20 0.00	28.24 1.18 0.00	32.45 1.06 0.00	40.51 1.22 0.00	44.88 1.83 0.00	51.27 1.61 0.00	53.08 2.02 0.00	66.22 2.38 0.00	57.94 1.74 0.00	84.00 2.38 0.00	81.42 2.99 0.00	148.42 1.91 -89.35	86.52 3.10 -5.86	72.00 3.00 -2.27	76.19 4.04 -0.24	66.44 3.43 0.00	67.65 2.81 0.00	62.46 1.76 0.00	57.57 1.61 0.00	49.16 1.50 0.00	42.92 1.43 0.00
EAST_HAMPTON___DIESEL 23722	32.69 0.72 0.00	32.09 1.00 -0.94	28.76 1.26 0.00	27.99 1.96 0.00	29.12 2.06 -0.01	33.48 2.09 -0.01	41.18 1.89 0.00	45.54 2.49 0.00	51.79 2.13 0.00	56.17 3.10 -2.00	66.00 2.15 0.00	57.85 1.64 0.00	57.96 1.30 24.95	41.73 2.35 39.06	40.40 0.91 17.67	29.50 2.45 50.52	68.17 3.33 1.89	78.33 6.17 -0.24	67.55 5.62 1.09	69.79 4.94 0.00	64.25 3.77 0.22	57.33 3.22 1.84	45.28 2.84 5.23	44.17 2.68 0.00
EAST_POINT___SOLAR 323840	33.92 1.95 0.00	31.96 1.80 0.00	29.06 1.56 0.00	27.57 1.54 0.00	28.67 1.61 0.00	33.36 1.97 0.00	41.85 2.56 0.00	45.65 2.60 0.00	52.80 3.14 0.00	53.94 2.87 0.00	67.25 3.40 0.00	59.05 2.84 0.00	85.65 4.04 0.00	81.09 2.66 0.00	18.69 2.14 40.62	76.64 1.74 2.66	67.21 1.51 1.03	74.36 2.56 0.11	66.76 3.74 0.00	69.92 5.08 0.00	65.67 4.97 0.00	60.46 4.50 0.00	51.28 3.62 0.00	44.40 2.92 0.00
EAST_PULASKI___ESR 323781	31.84 -0.13 0.00	30.08 -0.08 0.00	27.41 -0.09 0.00	25.99 -0.05 0.00	27.13 0.07 0.00	31.44 0.05 0.00	39.25 -0.04 0.00	43.21 0.16 0.00	49.73 0.07 0.00	51.00 -0.06 0.00	63.59 -0.26 0.00	55.87 -0.33 0.00	81.01 -0.61 0.00	77.76 -0.67 0.00	56.79 -0.37 0.00	77.09 -0.47 0.00	66.51 -0.22 0.00	72.03 0.09 -0.02	63.33 0.31 0.00	65.24 0.36 -0.04	60.95 0.25 0.00	56.19 0.23 0.00	47.82 0.16 0.00	41.45 -0.04 0.00
EAST_RIVER___1 323558	32.99 1.02 0.00	31.36 1.20 0.00	28.74 1.24 0.00	27.31 1.28 0.00	28.32 1.26 0.00	32.54 1.15 0.00	40.69 1.41 0.00	45.12 2.07 0.00	51.49 1.84 0.00	53.36 2.30 0.00	66.56 2.72 0.00	58.18 1.97 0.00	84.34 2.73 0.00	81.85 3.42 0.00	148.89 2.22 -89.50	87.02 3.59 -5.87	72.44 3.44 -2.27	76.67 4.51 -0.24	66.77 3.75 0.00	67.89 3.05 0.00	62.61 1.91 0.00	57.69 1.73 0.00	49.27 1.61 0.00	43.07 1.59 0.00
EAST_RIVER___2 323559	33.02 1.05 0.00	31.38 1.22 0.00	28.76 1.26 0.00	27.32 1.28 0.00	28.33 1.28 0.00	32.56 1.17 0.00	40.72 1.44 0.00	45.14 2.09 0.00	51.52 1.86 0.00	53.39 2.32 0.00	66.57 2.72 0.00	58.20 2.00 0.00	84.38 2.76 0.00	81.91 3.48 0.00	148.97 2.31 -89.50	87.13 3.70 -5.87	72.55 3.55 -2.27	76.79 4.64 -0.24	66.85 3.83 0.00	67.93 3.08 0.00	62.67 1.97 0.00	57.72 1.76 0.00	49.31 1.65 0.00	43.14 1.64 0.00
EAST___DELAWARE_HYD 23607	32.01 0.04 0.00	30.44 0.28 0.00	27.88 0.39 0.00	26.46 0.43 0.00	27.44 0.39 0.00	31.56 0.17 0.00	39.43 0.15 0.00	43.95 0.89 0.00	50.08 0.43 0.00	51.59 0.53 0.00	64.49 0.64 0.00	56.37 0.16 0.00	81.82 0.21 0.00	79.27 0.85 0.00	124.21 0.36 -66.68	83.48 1.55 -4.37	70.21 1.79 -1.69	75.30 3.20 -0.18	65.70 2.69 0.00	66.96 2.12 0.00	61.97 1.27 0.00	57.10 1.14 0.00	48.68 1.02 0.00	42.38 0.89 0.00
EIGHT_POINT___WT_PWR 323820	32.77 0.80 0.00	30.93 0.77 0.00	28.17 0.67 0.00	26.71 0.68 0.00	27.72 0.67 0.00	32.15 0.76 0.00	40.11 0.83 0.00	44.52 1.46 0.00	51.56 1.91 0.00	52.87 1.81 0.00	66.14 2.29 0.00	58.41 2.20 0.00	85.19 3.58 0.00	82.39 3.96 0.00	59.36 2.20 0.00	79.10 1.54 0.00	68.04 1.31 0.00	74.66 2.74 0.00	66.30 3.29 0.00	67.93 3.08 -0.01	62.64 1.94 0.00	57.23 1.27 0.00	47.93 0.26 0.00	41.05 -0.44 0.00
ELBRIDGE_115KV_TB2 80188	31.94 -0.03 0.00	30.13 -0.03 0.00	27.89 0.39 0.00	26.80 0.77 0.00	27.37 0.32 0.00	31.39 0.00 0.00	39.14 -0.15 0.00	43.08 0.03 0.00	49.68 0.03 0.00	51.11 0.04 0.00	63.86 0.01 0.00	56.15 -0.06 0.00	81.51 -0.10 0.00	78.60 0.17 0.00	57.32 0.16 0.00	77.58 0.02 0.00	66.86 0.13 0.00	72.42 0.49 -0.02	63.56 0.54 0.00	65.12 0.24 -0.03	60.61 -0.09 0.00	55.74 -0.22 0.00	47.23 -0.43 0.00	40.98 -0.51 0.00
ELEC_TRO_TEK 24086	32.99 1.02 0.00	33.06 1.25 -1.65	28.82 1.32 0.00	27.45 1.41 0.00	28.47 1.40 -0.01	32.64 1.24 -0.01	40.52 1.24 0.00	44.94 1.89 0.00	51.32 1.66 0.00	56.76 2.16 -3.53	66.24 2.39 0.00	57.79 1.58 -0.01	79.29 1.70 4.02	75.72 2.43 5.14	170.92 1.49 -112.26	161.98 2.63 -81.79	71.00 2.65 -1.62	76.09 3.93 -0.24	66.30 3.34 0.05	67.36 2.51 0.00	62.03 1.38 0.05	57.11 1.20 0.04	47.98 1.24 0.92	42.83 1.34 0.00
ELLENBURG_WT_PWR 323604	31.98 0.01 0.00	29.92 -0.24 0.00	27.05 -0.45 0.00	25.58 -0.45 0.00	26.68 -0.37 0.00	31.35 -0.04 0.00	39.58 0.30 0.00	43.09 0.04 0.00	49.79 0.13 0.00	51.14 0.08 0.00	64.02 0.17 0.00	56.84 0.63 0.00	82.76 1.15 0.00	79.23 0.80 0.00	57.89 0.72 0.00	78.73 1.17 0.00	67.73 0.99 0.00	72.42 0.51 0.00	63.45 0.44 0.00	65.75 0.91 0.00	62.10 1.40 0.00	57.33 1.37 0.00	48.84 1.18 0.00	42.54 1.05 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.99 1.02 0.00	30.97 0.81 0.00	28.00 0.50 0.00	26.42 0.39 0.00	27.44 0.39 0.00	31.89 0.49 0.00	39.86 0.57 0.00	44.15 1.10 0.00	51.46 1.81 0.00	52.95 1.88 0.00	66.00 2.15 0.00	58.55 2.34 0.00	85.23 3.62 0.00	82.72 4.29 0.00	60.04 2.88 0.00	79.43 1.87 0.00	67.59 0.86 0.00	73.39 1.47 0.00	64.52 1.50 0.00	65.78 0.94 0.00	60.63 -0.07 0.00	55.36 -0.60 0.00	46.62 -1.04 0.00	40.16 -1.33 0.00
EMPIRE_CC_1 323656	32.12 0.15 0.00	30.65 0.49 0.00	28.12 0.62 0.00	26.61 0.57 0.00	27.56 0.50 0.00	31.64 0.25 0.00	39.31 0.03 0.00	43.19 0.14 0.00	49.49 -0.16 0.00	51.15 0.08 0.00	63.61 -0.24 0.00	55.64 -0.57 0.00	80.72 -0.89 0.00	77.60 -0.83 0.00	-61.20 -0.67 117.71	69.07 -0.77 7.72	63.11 -0.63 2.99	71.48 -0.12 0.31	62.86 -0.16 0.00	64.63 -0.22 0.00	60.02 -0.68 0.00	55.46 -0.49 0.00	47.56 -0.10 0.00	41.57 0.08 0.00
EMPIRE_CC_2 323658	32.12 0.15 0.00	30.65 0.49 0.00	28.12 0.62 0.00	26.61 0.57 0.00	27.56 0.50 0.00	31.64 0.25 0.00	39.31 0.03 0.00	43.19 0.14 0.00	49.49 -0.16 0.00	51.15 0.08 0.00	63.61 -0.24 0.00	55.64 -0.57 0.00	80.72 -0.89 0.00	77.60 -0.83 0.00	-61.20 -0.67 117.71	69.07 -0.77 7.72	63.11 -0.63 2.99	71.48 -0.12 0.31	62.86 -0.16 0.00	64.63 -0.22 0.00	60.02 -0.68 0.00	55.46 -0.49 0.00	47.56 -0.10 0.00	41.57 0.08 0.00
ENORWICH_115KV_TB1 80156	34.05 2.08 0.00	32.32 2.15 0.00	29.48 1.98 0.00	28.00 1.97 0.00	28.99 1.94 0.00	33.81 2.42 0.00	42.36 3.07 0.00	47.05 4.00 0.00	54.27 4.61 0.00	55.58 4.51 0.00	69.72 5.87 0.00	61.07 4.86 0.00	88.04 6.43 0.00	84.76 6.34 0.00	61.38 4.21 0.00	82.67 5.11 0.00	71.76 5.02 0.00	78.19 6.27 -0.01	69.67 6.66 0.00	71.80 6.94 -0.01	66.76 6.06 0.00	60.93 4.97 0.00	51.46 3.80 0.00	44.38 2.89 0.00
ERIE_ST__34_KV_TB1-2 80199	33.31 1.34 0.00	31.26 1.10 0.00	28.24 0.74 0.00	26.64 0.61 0.00	27.67 0.62 0.00	32.13 0.74 0.00	40.21 0.92 0.00	44.63 1.58 0.00	52.01 2.35 0.00	53.49 2.42 0.00	66.66 2.81 0.00	59.00 2.79 0.00	85.99 4.38 0.00	83.41 4.98 0.00	60.63 3.46 0.00	80.40 2.84 0.00	68.44 1.71 0.00	74.22 2.30 0.00	65.35 2.34 0.00	66.53 1.69 0.00	61.28 0.58 0.00	55.96 0.00 0.00	47.06 -0.60 0.00	40.60 -0.89 0.00
ERIE_WT_PWR 323693	33.14 1.17 0.00	31.10 0.94 0.00	28.13 0.63 0.00	26.55 0.52 0.00	27.57 0.51 0.00	32.03 0.63 0.00	40.05 0.76 0.00	44.41 1.35 0.00	51.78 2.13 0.00	53.22 2.15 0.00	66.37 2.52 0.00	58.87 2.66 0.00	85.65 4.04 0.00	83.09 4.67 0.00	60.32 3.16 0.00	79.83 2.27 0.00	68.00 1.27 0.00	73.82 1.91 0.00	65.00 1.99 0.00	66.17 1.32 0.00	61.03 0.33 0.00	55.73 -0.22 0.00	46.91 -0.75 0.00	40.39 -1.10 0.00
ESPRGFLD_115KV_TB1 80157	33.61 1.64 0.00	31.70 1.54 0.00	28.80 1.30 0.00	27.32 1.28 0.00	28.39 1.33 0.00	33.02 1.63 0.00	41.60 2.31 0.00	45.75 2.70 0.00	52.81 3.15 0.00	54.26 3.19 0.00	67.84 3.99 0.00	59.75 3.55 0.00	86.85 5.24 0.00	83.44 5.00 0.00	38.55 3.74 22.36	80.49 4.40 1.47	70.22 4.05 0.57	76.53 4.68 0.06	67.42 4.41 0.00	69.44 4.59 0.00	64.74 4.04 0.00	59.50 3.55 0.00	50.45 2.79 0.00	43.68 2.19 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.83 0.86 0.00	31.05 0.90 0.00	28.36 0.87 0.00	26.94 0.91 0.00	27.87 0.82 0.00	32.23 0.84 0.00	40.24 0.95 0.00	44.40 1.35 0.00	51.21 1.55 0.00	52.54 1.47 0.00	65.82 1.97 0.00	57.72 1.51 0.00	83.50 1.89 0.00	80.26 1.83 0.00	58.37 1.20 0.00	79.04 1.48 0.00	68.28 1.54 0.00	74.52 2.59 -0.01	65.71 2.70 0.00	67.29 2.43 -0.01	62.59 1.89 0.00	57.47 1.51 0.00	48.65 0.99 0.00	42.13 0.64 0.00
ETNA____115KV_TB2 80207	32.83 0.86 0.00	31.05 0.90 0.00	28.36 0.87 0.00	26.94 0.91 0.00	27.87 0.82 0.00	32.23 0.84 0.00	40.24 0.95 0.00	44.40 1.35 0.00	51.21 1.55 0.00	52.54 1.47 0.00	65.82 1.97 0.00	57.72 1.51 0.00	83.50 1.89 0.00	80.26 1.83 0.00	58.37 1.20 0.00	79.04 1.48 0.00	68.28 1.54 0.00	74.52 2.59 -0.01	65.71 2.70 0.00	67.29 2.43 -0.01	62.59 1.89 0.00	57.47 1.51 0.00	48.65 0.99 0.00	42.13 0.64 0.00
EUCLID__115KV_TB2 356179	31.85 -0.11 0.00	30.10 -0.06 0.00	27.45 -0.04 0.00	26.02 -0.01 0.00	26.99 -0.06 0.00	31.19 -0.19 0.00	38.85 -0.43 0.00	42.73 -0.33 0.00	49.30 -0.36 0.00	50.77 -0.29 0.00	63.43 -0.42 0.00	55.84 -0.37 0.00	81.06 -0.55 0.00	78.10 -0.33 0.00	56.95 -0.22 0.00	77.12 -0.44 0.00	66.39 -0.34 0.00	71.87 -0.05 -0.01	63.04 0.03 0.00	64.65 -0.20 -0.01	60.17 -0.53 0.00	55.34 -0.61 0.00	47.00 -0.67 0.00	40.76 -0.73 0.00
E_CANADA_CAP_HY 24051	33.73 1.76 0.00	31.72 1.56 0.00	28.80 1.30 0.00	27.34 1.31 0.00	28.43 1.38 0.00	33.12 1.73 0.00	41.73 2.45 0.00	45.72 2.67 0.00	52.80 3.14 0.00	54.16 3.10 0.00	67.54 3.69 0.00	59.49 3.28 0.00	86.48 4.86 0.00	82.69 4.26 0.00	24.53 3.44 36.07	78.99 3.80 2.37	69.28 3.47 0.92	75.80 3.99 0.10	67.02 4.00 0.00	69.51 4.67 0.00	65.07 4.37 0.00	59.90 3.94 0.00	50.86 3.20 0.00	44.09 2.60 0.00
E_CANADA_MHWK_HY 24050	31.77 -0.20 0.00	30.41 0.24 0.00	27.93 0.43 0.00	26.43 0.40 0.00	27.44 0.39 0.00	31.49 0.10 0.00	39.12 -0.17 0.00	43.08 0.03 0.00	49.30 -0.36 0.00	50.80 -0.26 0.00	63.39 -0.46 0.00	55.21 -1.00 0.00	79.89 -1.73 0.00	76.36 -2.07 0.00	55.39 -1.78 0.00	75.41 -2.15 0.00	65.02 -1.71 0.00	71.40 -0.51 0.00	63.43 0.41 0.00	65.62 0.78 0.00	60.91 0.21 0.00	56.04 0.09 0.00	47.83 0.17 0.00	41.65 0.15 0.00
E_FISHKILL__LBMP 23776	32.69 0.72 0.00	31.10 0.94 0.00	28.52 1.02 0.00	27.07 1.04 0.00	28.07 1.02 0.00	32.24 0.85 0.00	40.20 0.92 0.00	44.48 1.43 0.00	50.87 1.21 0.00	52.64 1.58 0.00	65.71 1.87 0.00	57.49 1.28 0.00	83.37 1.76 0.00	80.64 2.21 0.00	149.51 1.35 -90.99	85.84 2.31 -5.97	71.30 2.26 -2.31	75.36 3.20 -0.24	65.74 2.73 0.00	67.06 2.21 0.00	61.97 1.27 0.00	57.14 1.18 0.00	48.81 1.15 0.00	42.61 1.11 0.00
FALCON__SEABRD_CC1 323796	32.42 0.45 0.00	30.33 0.17 0.00	27.39 -0.10 0.00	25.89 -0.14 0.00	27.01 -0.04 0.00	31.70 0.31 0.00	40.06 0.77 0.00	43.67 0.61 0.00	50.40 0.74 0.00	51.77 0.71 0.00	64.69 0.84 0.00	57.40 1.20 0.00	83.69 2.08 0.00	80.12 1.69 0.00	58.51 1.35 0.00	79.79 2.23 0.00	68.74 2.01 0.00	73.51 1.60 0.00	64.39 1.38 0.00	66.67 1.83 0.00	62.93 2.23 0.00	58.12 2.17 0.00	49.53 1.86 0.00	43.08 1.59 0.00
FALCON__SEABRD_CC2 323797	32.42 0.45 0.00	30.33 0.17 0.00	27.39 -0.10 0.00	25.89 -0.14 0.00	27.01 -0.04 0.00	31.70 0.31 0.00	40.06 0.77 0.00	43.67 0.61 0.00	50.40 0.74 0.00	51.77 0.71 0.00	64.69 0.84 0.00	57.40 1.20 0.00	83.69 2.08 0.00	80.12 1.69 0.00	58.51 1.35 0.00	79.79 2.23 0.00	68.74 2.01 0.00	73.51 1.60 0.00	64.39 1.38 0.00	66.67 1.83 0.00	62.93 2.23 0.00	58.12 2.17 0.00	49.53 1.86 0.00	43.08 1.59 0.00

FAR ROCKAWAY___4 23548	33.40 1.43 0.00	33.29 1.62 -1.51	29.16 1.66 0.00	27.77 1.73 0.00	28.80 1.74 -0.01	33.04 1.64 -0.01	41.02 1.73 0.00	45.52 2.46 0.00	52.03 2.38 0.00	57.21 2.91 -3.23	67.22 3.37 0.00	58.66 2.45 0.00	84.42 2.80 0.00	83.15 3.56 -1.16	189.25 2.33 -129.75	172.95 3.94 -91.45	72.74 3.73 -2.27	77.48 5.33 -0.24	68.95 4.51 -1.42	68.46 3.61 0.00	63.37 2.36 -0.31	60.09 2.07 -2.06	50.64 1.98 -1.00	43.44 1.95 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.99 1.03 0.00	31.37 1.21 0.00	28.74 1.25 0.00	27.31 1.28 0.00	28.32 1.26 0.00	32.55 1.16 0.00	40.69 1.41 0.00	45.14 2.09 0.00	51.51 1.85 0.00	53.39 2.32 0.00	66.59 2.74 0.00	58.19 1.98 0.00	84.34 2.73 0.00	81.86 3.43 0.00	148.89 2.22 -89.50	87.04 3.61 -5.87	72.46 3.46 -2.27	76.69 4.53 -0.24	66.81 3.79 0.00	67.92 3.08 0.00	62.63 1.93 0.00	57.70 1.74 0.00	49.29 1.63 0.00	43.08 1.59 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.01 1.04 0.00	31.39 1.22 0.00	28.76 1.26 0.00	27.32 1.28 0.00	28.33 1.27 0.00	32.55 1.16 0.00	40.70 1.42 0.00	45.15 2.10 0.00	51.52 1.87 0.00	53.40 2.33 0.00	66.60 2.75 0.00	58.21 2.00 0.00	84.34 2.73 0.00	81.86 3.43 0.00	148.91 2.24 -89.50	87.06 3.63 -5.87	72.47 3.47 -2.27	76.71 4.56 -0.24	66.82 3.81 0.00	67.95 3.10 0.00	62.65 1.95 0.00	57.74 1.78 0.00	49.32 1.66 0.00	43.10 1.61 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.98 1.01 0.00	31.36 1.19 0.00	28.74 1.24 0.00	27.30 1.26 0.00	28.31 1.25 0.00	32.52 1.13 0.00	40.67 1.39 0.00	45.11 2.06 0.00	51.48 1.83 0.00	53.35 2.29 0.00	66.55 2.71 0.00	58.16 1.96 0.00	84.29 2.67 0.00	81.79 3.36 0.00	148.85 2.19 -89.50	86.99 3.56 -5.87	72.40 3.40 -2.27	76.64 4.49 -0.24	66.75 3.74 0.00	67.87 3.02 0.00	62.58 1.88 0.00	57.65 1.69 0.00	49.26 1.60 0.00	43.05 1.56 0.00
FARRAGUT___LBMP 323566	32.96 0.99 0.00	31.33 1.17 0.00	28.71 1.22 0.00	27.28 1.25 0.00	28.29 1.23 0.00	32.50 1.11 0.00	40.64 1.36 0.00	45.07 2.01 0.00	51.43 1.78 0.00	53.30 2.23 0.00	66.47 2.62 0.00	58.09 1.89 0.00	84.19 2.57 0.00	81.70 3.27 0.00	148.78 2.12 -89.50	86.88 3.45 -5.87	72.32 3.32 -2.27	76.53 4.37 -0.24	66.67 3.66 0.00	67.80 2.95 0.00	62.52 1.82 0.00	57.61 1.65 0.00	49.22 1.56 0.00	43.01 1.52 0.00
FENNER___WINDPWR 24204	32.67 0.70 0.00	30.89 0.73 0.00	28.18 0.69 0.00	26.75 0.71 0.00	27.78 0.73 0.00	32.20 0.81 0.00	40.18 0.89 0.00	44.22 1.16 0.00	51.05 1.40 0.00	52.47 1.41 0.00	65.60 1.75 0.00	57.61 1.41 0.00	83.53 1.92 0.00	80.22 1.79 0.00	58.49 1.32 0.00	79.44 1.88 0.00	68.70 1.96 0.00	74.52 2.60 -0.01	65.58 2.56 0.00	67.29 2.43 -0.01	62.77 2.07 0.00	57.75 1.79 0.00	49.00 1.34 0.00	42.45 0.95 0.00
FIBERTEK___ENERGY 23856	32.10 0.14 0.00	30.31 0.15 0.00	27.88 0.38 0.00	26.63 0.59 0.00	27.38 0.32 0.00	31.51 0.12 0.00	39.27 -0.01 0.00	43.23 0.18 0.00	49.86 0.20 0.00	51.31 0.24 0.00	64.15 0.30 0.00	56.41 0.20 0.00	81.87 0.26 0.00	78.89 0.45 0.00	57.55 0.38 0.00	78.02 0.46 0.00	67.23 0.50 0.00	72.81 0.88 -0.01	63.86 0.85 0.00	65.45 0.58 -0.03	60.93 0.23 0.00	56.02 0.06 0.00	47.51 -0.15 0.00	41.21 -0.28 0.00
FITZPATRICK___ 23598	31.33 -0.63 0.00	29.59 -0.57 0.00	26.95 -0.55 0.00	25.50 -0.53 0.00	26.53 -0.53 0.00	30.71 -0.68 0.00	38.24 -1.05 0.00	41.96 -1.09 0.00	48.39 -1.27 0.00	49.81 -1.26 0.00	62.21 -1.64 0.00	54.77 -1.44 0.00	79.51 -2.10 0.00	76.51 -1.91 0.00	55.82 -1.35 0.00	75.56 -2.00 0.00	65.03 -1.71 0.00	70.22 -1.62 0.08	61.70 -1.32 0.00	63.18 -1.53 0.14	59.04 -1.67 0.00	54.32 -1.62 0.02	46.20 -1.46 0.00	40.12 -1.37 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.15 1.18 0.00	31.52 1.36 0.00	28.89 1.39 0.00	27.40 1.37 0.00	28.41 1.36 0.00	32.67 1.28 0.00	40.78 1.50 0.00	45.18 2.13 0.00	51.68 2.03 0.00	53.47 2.41 0.00	66.79 2.95 0.00	58.45 2.25 0.00	84.83 3.21 0.00	82.18 3.75 0.00	144.51 2.49 -84.85	87.05 3.93 -5.57	72.59 3.70 -2.16	76.97 4.83 -0.23	67.14 4.13 0.00	68.43 3.58 0.00	63.18 2.49 0.00	58.22 2.27 0.00	49.67 2.01 0.00	43.27 1.77 0.00
FORT ORANGE___ 23900	32.17 0.20 0.00	30.66 0.49 0.00	28.10 0.61 0.00	26.61 0.58 0.00	27.59 0.54 0.00	31.74 0.35 0.00	39.45 0.17 0.00	43.39 0.34 0.00	49.76 0.11 0.00	51.45 0.38 0.00	64.09 0.24 0.00	56.05 -0.16 0.00	81.39 -0.22 0.00	78.28 -0.15 0.00	2.83 -0.16 54.17	73.87 -0.13 3.56	65.33 -0.02 1.38	72.27 0.50 0.14	63.54 0.53 0.00	65.43 0.59 0.00	60.81 0.11 0.00	56.13 0.18 0.00	47.95 0.29 0.00	41.81 0.32 0.00
FORT_DRUM_COGEN 23780	32.45 0.48 0.00	30.65 0.48 0.00	27.99 0.49 0.00	26.68 0.65 0.00	28.05 1.00 0.00	32.74 1.36 0.00	41.10 1.82 0.00	45.45 2.40 0.00	52.12 2.46 0.00	52.76 1.70 0.00	65.65 1.80 0.00	57.46 1.26 0.00	83.72 2.11 0.00	79.82 1.38 0.00	58.71 1.54 0.00	79.83 2.27 0.00	68.93 2.19 0.00	74.84 2.92 -0.01	66.42 3.41 0.00	69.23 4.37 -0.02	65.20 4.50 0.00	60.10 4.14 0.00	50.96 3.30 0.00	43.97 2.48 0.00
FOX_HILLS___ESR 323835	33.06 1.10 0.00	31.44 1.28 0.00	28.81 1.31 0.00	27.36 1.32 0.00	28.36 1.31 0.00	32.61 1.22 0.00	40.79 1.51 0.00	45.23 2.18 0.00	51.50 1.85 0.00	53.32 2.25 0.00	66.36 2.51 0.00	57.86 1.65 0.00	83.84 2.23 0.00	81.72 3.29 0.00	148.80 2.13 -89.50	87.06 3.63 -5.87	72.45 3.45 -2.27	76.67 4.51 -0.24	66.80 3.79 0.00	67.93 3.09 0.00	62.54 1.84 0.00	57.69 1.74 0.00	49.41 1.76 0.00	43.33 1.84 0.00
FPL_FAR_ROCK_GT1 24212	33.39 1.42 0.00	33.29 1.62 -1.51	29.16 1.66 0.00	27.77 1.73 0.00	28.80 1.74 -0.01	33.04 1.64 -0.01	41.02 1.73 0.00	45.52 2.46 0.00	52.03 2.38 0.00	57.21 2.91 -3.23	67.21 3.36 0.00	58.67 2.45 0.00	84.39 2.77 0.00	83.12 3.52 -1.16	189.25 2.33 -129.75	172.93 3.92 -91.45	72.74 3.73 -2.27	77.48 5.33 -0.24	68.92 4.48 -1.42	68.45 3.61 0.00	63.37 2.36 -0.31	60.07 2.05 -2.06	50.58 1.92 -1.00	43.44 1.95 0.00
FPL_FAR_ROCK_GT2 23815	33.39 1.42 0.00	33.29 1.62 -1.51	29.16 1.66 0.00	27.77 1.73 0.00	28.80 1.74 -0.01	33.04 1.64 -0.01	41.02 1.73 0.00	45.52 2.46 0.00	52.03 2.38 0.00	57.21 2.91 -3.23	67.21 3.36 0.00	58.67 2.45 0.00	84.39 2.77 0.00	83.12 3.52 -1.16	189.25 2.33 -129.75	172.93 3.92 -91.45	72.74 3.73 -2.27	77.48 5.33 -0.24	68.92 4.48 -1.42	68.45 3.61 0.00	63.37 2.36 -0.31	60.07 2.05 -2.06	50.58 1.92 -1.00	43.44 1.95 0.00
FRANKLIN_FALL_HYD 24054	32.34 0.38 0.00	30.25 0.09 0.00	27.35 -0.14 0.00	25.87 -0.16 0.00	26.99 -0.06 0.00	31.73 0.34 0.00	40.16 0.87 0.00	43.72 0.67 0.00	50.46 0.81 0.00	51.77 0.71 0.00	64.81 0.96 0.00	57.50 1.29 0.00	83.75 2.13 0.00	80.11 1.68 0.00	58.52 1.35 0.00	79.52 1.96 0.00	68.32 1.59 0.00	72.92 1.00 0.00	64.08 1.06 0.00	66.54 1.70 0.00	63.02 2.32 0.00	58.22 2.26 0.00	49.60 1.94 0.00	43.17 1.68 0.00

FREEPORT_EQUS_GT1 23764	33.14 1.17 0.00	32.81 1.40 -1.26	28.96 1.46 0.00	27.58 1.55 0.00	28.60 1.54 -0.01	32.80 1.40 -0.01	40.67 1.39 0.00	45.10 2.05 0.00	51.51 1.85 0.00	56.15 2.40 -2.69	66.50 2.65 0.00	57.96 1.75 0.00	70.50 1.76 12.88	61.30 2.43 19.57	113.50 1.51 -54.82	100.76 2.63 -20.57	69.48 2.61 -0.14	76.28 4.13 -0.24	66.14 3.52 0.39	67.67 2.83 0.00	61.94 1.63 0.39	57.25 1.40 0.11	46.75 1.36 2.27	43.01 1.52 0.00
FREEPORT___CT2 23818	33.14 1.17 0.00	32.81 1.40 -1.26	28.96 1.46 0.00	27.58 1.55 0.00	28.60 1.54 -0.01	32.80 1.40 -0.01	40.67 1.39 0.00	45.10 2.05 0.00	51.51 1.85 0.00	56.15 2.40 -2.69	66.50 2.65 0.00	57.96 1.75 0.00	70.50 1.76 12.88	61.30 2.43 19.57	113.50 1.51 -54.82	100.76 2.63 -20.57	69.48 2.61 -0.14	76.28 4.13 -0.24	66.14 3.52 0.39	67.67 2.83 0.00	61.94 1.63 0.39	57.25 1.40 0.11	46.75 1.36 2.27	43.01 1.52 0.00
FRESHKLS_33_KV_LOAD 356253	33.14 1.17 0.00	31.52 1.36 0.00	28.88 1.38 0.00	27.41 1.38 0.00	28.42 1.37 0.00	32.69 1.30 0.00	40.89 1.61 0.00	45.34 2.29 0.00	51.58 1.93 0.00	53.36 2.29 0.00	66.33 2.48 0.00	57.76 1.55 0.00	83.66 2.05 0.00	81.68 3.25 0.00	148.79 2.12 -89.50	87.03 3.60 -5.87	72.46 3.46 -2.27	76.70 4.54 -0.24	66.87 3.85 0.00	68.01 3.17 0.00	62.55 1.85 0.00	57.74 1.78 0.00	49.49 1.83 0.00	43.45 1.96 0.00
FULTON COGEN____ 23766	31.57 -0.41 0.00	29.82 -0.34 0.00	27.16 -0.34 0.00	25.70 -0.34 0.00	26.77 -0.28 0.00	30.95 -0.43 0.00	38.58 -0.71 0.00	42.41 -0.65 0.00	48.92 -0.74 0.00	50.36 -0.70 0.00	62.87 -0.97 0.00	55.32 -0.88 0.00	80.30 -1.31 0.00	77.27 -1.16 0.00	56.31 -0.85 0.00	76.40 -1.16 0.00	65.87 -0.86 0.00	71.30 -0.65 -0.03	62.54 -0.48 0.00	64.14 -0.75 -0.05	59.73 -0.97 0.00	54.95 -1.01 -0.01	46.69 -0.97 0.00	40.51 -0.98 0.00
FULTON___LFGE 323630	33.63 1.66 0.00	31.76 1.60 0.00	28.91 1.41 0.00	27.42 1.38 0.00	28.49 1.44 0.00	33.08 1.69 0.00	41.53 2.24 0.00	45.52 2.47 0.00	52.35 2.69 0.00	53.80 2.74 0.00	66.82 2.98 0.00	58.60 2.39 0.00	85.09 3.47 0.00	80.86 2.43 0.00	17.58 2.18 41.76	76.71 1.89 2.74	67.47 1.80 1.06	74.49 2.69 0.11	66.31 3.29 0.00	69.33 4.49 0.00	64.83 4.13 0.00	59.72 3.76 0.00	50.72 3.06 0.00	43.99 2.50 0.00
G.F.CEMENT___DRP 24184	33.02 1.05 0.00	31.46 1.30 0.00	28.83 1.33 0.00	27.26 1.23 0.00	28.32 1.26 0.00	32.48 1.09 0.00	40.56 1.28 0.00	44.56 1.51 0.00	51.06 1.41 0.00	52.75 1.69 0.00	65.56 1.71 0.00	57.31 1.10 0.00	82.96 1.34 0.00	79.59 1.16 0.00	-9.81 0.67 67.64	74.12 0.98 4.42	66.13 1.11 1.72	73.70 1.96 0.18	65.06 2.04 0.00	67.16 2.32 0.00	62.50 1.80 0.00	57.59 1.63 0.00	49.15 1.49 0.00	43.05 1.57 0.00
GARDENVILLE___LBMP 24039	33.00 1.04 0.00	30.99 0.83 0.00	28.05 0.56 0.00	26.49 0.46 0.00	27.49 0.44 0.00	31.94 0.55 0.00	39.91 0.62 0.00	44.23 1.17 0.00	51.51 1.85 0.00	52.95 1.89 0.00	66.02 2.18 0.00	58.53 2.32 0.00	85.23 3.62 0.00	82.66 4.24 0.00	59.97 2.80 0.00	79.33 1.77 0.00	67.58 0.85 0.00	73.39 1.47 0.00	64.68 1.66 0.00	65.93 1.09 0.00	60.77 0.06 0.00	55.49 -0.47 0.00	46.71 -0.96 0.00	40.26 -1.24 0.00
GARDNVLA_35_KV_LD 355827	33.20 1.23 0.00	31.15 0.99 0.00	28.17 0.67 0.00	26.58 0.55 0.00	27.61 0.55 0.00	32.07 0.68 0.00	40.09 0.81 0.00	44.47 1.42 0.00	51.84 2.19 0.00	53.32 2.25 0.00	66.51 2.66 0.00	58.98 2.77 0.00	85.76 4.16 0.00	83.30 4.86 0.00	60.49 3.32 0.00	80.06 2.50 0.00	68.18 1.45 0.00	74.00 2.09 0.00	65.08 2.07 0.00	66.31 1.46 0.00	61.11 0.41 0.00	55.80 -0.16 0.00	46.96 -0.71 0.00	40.44 -1.05 0.00
GELCKHM___115KV_LOAD 80723	31.93 -0.04 0.00	30.16 0.00 0.00	27.61 0.11 0.00	26.25 0.21 0.00	27.13 0.07 0.00	31.28 -0.11 0.00	39.00 -0.29 0.00	42.90 -0.15 0.00	49.49 -0.16 0.00	50.96 -0.10 0.00	63.68 -0.16 0.00	56.03 -0.18 0.00	81.37 -0.24 0.00	78.39 -0.04 0.00	57.17 0.00 0.00	77.46 -0.10 0.00	66.71 -0.03 0.00	72.23 0.30 -0.01	63.35 0.34 0.00	64.95 0.09 -0.02	60.44 -0.26 0.00	55.59 -0.37 0.00	47.18 -0.48 0.00	40.92 -0.57 0.00
GENERAL___MILLS 23808	33.13 1.16 0.00	31.09 0.93 0.00	28.12 0.63 0.00	26.54 0.51 0.00	27.56 0.51 0.00	32.02 0.63 0.00	40.03 0.74 0.00	44.39 1.34 0.00	51.74 2.09 0.00	53.21 2.15 0.00	66.34 2.49 0.00	58.83 2.63 0.00	85.60 3.99 0.00	83.08 4.65 0.00	60.30 3.14 0.00	79.81 2.25 0.00	67.95 1.22 0.00	73.78 1.86 0.00	64.90 1.89 0.00	66.13 1.29 0.00	60.97 0.27 0.00	55.68 -0.28 0.00	46.86 -0.80 0.00	40.36 -1.13 0.00
GE_PLASTICS___DRP 24183	32.14 0.17 0.00	30.61 0.45 0.00	28.05 0.55 0.00	26.57 0.53 0.00	27.55 0.49 0.00	31.69 0.30 0.00	39.42 0.14 0.00	43.37 0.32 0.00	49.76 0.10 0.00	51.39 0.33 0.00	64.07 0.22 0.00	56.11 -0.10 0.00	81.48 -0.14 0.00	78.37 -0.06 0.00	16.13 -0.10 40.94	74.92 0.05 2.68	65.76 0.07 1.04	72.37 0.57 0.11	63.54 0.52 0.00	65.26 0.42 0.00	60.65 -0.05 0.00	55.97 0.01 0.00	47.82 0.17 0.00	41.71 0.21 0.00
GILBOA___1 23756	32.36 0.38 0.00	30.95 0.79 0.00	28.34 0.84 0.00	26.86 0.82 0.00	27.86 0.81 0.00	32.03 0.64 0.00	39.70 0.42 0.00	43.75 0.70 0.00	50.12 0.47 0.00	51.75 0.69 0.00	64.61 0.76 0.00	56.58 0.37 0.00	82.24 0.62 0.00	79.09 0.66 0.00	76.24 0.34 -18.74	79.59 0.80 -1.23	67.80 0.60 -0.48	73.07 1.10 -0.05	64.13 1.12 0.00	65.72 0.87 0.00	61.02 0.32 0.00	56.32 0.36 0.00	48.13 0.47 0.00	41.95 0.46 0.00
GILBOA___2 23757	32.36 0.38 0.00	30.95 0.79 0.00	28.34 0.84 0.00	26.86 0.82 0.00	27.86 0.81 0.00	32.03 0.64 0.00	39.70 0.42 0.00	43.75 0.70 0.00	50.12 0.47 0.00	51.75 0.69 0.00	64.61 0.76 0.00	56.58 0.37 0.00	82.24 0.62 0.00	79.09 0.66 0.00	76.24 0.34 -18.74	79.59 0.80 -1.23	67.80 0.60 -0.48	73.07 1.10 -0.05	64.13 1.12 0.00	65.72 0.87 0.00	61.02 0.32 0.00	56.32 0.36 0.00	48.13 0.47 0.00	41.95 0.46 0.00
GILBOA___3 23758	32.36 0.38 0.00	30.95 0.79 0.00	28.34 0.84 0.00	26.86 0.82 0.00	27.86 0.81 0.00	32.03 0.64 0.00	39.70 0.42 0.00	43.75 0.70 0.00	50.12 0.47 0.00	51.75 0.69 0.00	64.61 0.76 0.00	56.58 0.37 0.00	82.24 0.62 0.00	79.09 0.66 0.00	76.24 0.34 -18.74	79.59 0.80 -1.23	67.80 0.60 -0.48	73.07 1.10 -0.05	64.13 1.12 0.00	65.72 0.87 0.00	61.02 0.32 0.00	56.32 0.36 0.00	48.13 0.47 0.00	41.95 0.46 0.00
GILBOA___4 23759	32.36 0.38 0.00	30.95 0.79 0.00	28.34 0.84 0.00	26.86 0.82 0.00	27.86 0.81 0.00	32.03 0.64 0.00	39.70 0.42 0.00	43.75 0.70 0.00	50.12 0.47 0.00	51.75 0.69 0.00	64.61 0.76 0.00	56.58 0.37 0.00	82.24 0.62 0.00	79.09 0.66 0.00	76.24 0.34 -18.74	79.59 0.80 -1.23	67.80 0.60 -0.48	73.07 1.10 -0.05	64.13 1.12 0.00	65.72 0.87 0.00	61.02 0.32 0.00	56.32 0.36 0.00	48.13 0.47 0.00	41.95 0.46 0.00

GILBOA____ 23599	32.35 0.38 0.00	30.95 0.79 0.00	28.34 0.84 0.00	26.86 0.82 0.00	27.86 0.81 0.00	32.03 0.64 0.00	39.70 0.42 0.00	43.75 0.70 0.00	50.12 0.47 0.00	51.75 0.69 0.00	64.61 0.76 0.00	56.58 0.37 0.00	82.25 0.63 0.00	79.10 0.67 0.00	76.24 0.34 -18.74	79.59 0.80 -1.23	67.80 0.60 -0.48	73.07 1.10 -0.05	64.13 1.12 0.00	65.72 0.88 0.00	61.02 0.32 0.00	56.33 0.37 0.00	48.14 0.48 0.00	41.94 0.45 0.00
GINNA____ 23603	31.39 -0.58 0.00	29.51 -0.65 0.00	26.79 -0.71 0.00	25.32 -0.71 0.00	26.27 -0.78 0.00	30.45 -0.94 0.00	38.04 -1.24 0.00	42.05 -1.00 0.00	48.76 -0.90 0.00	50.37 -0.70 0.00	62.89 -0.96 0.00	55.61 -0.60 0.00	81.07 -0.55 0.00	78.42 -0.02 0.00	57.16 0.00 0.00	76.57 -0.99 0.00	65.37 -1.37 0.00	70.76 -1.16 0.00	62.08 -0.93 0.00	63.45 -1.40 0.00	58.81 -1.89 0.00	53.88 -2.08 0.00	45.50 -2.16 0.00	39.29 -2.20 0.00
GLEN PARK____ 23778	32.63 0.66 0.00	30.80 0.63 0.00	28.12 0.62 0.00	26.80 0.76 0.00	28.16 1.11 0.00	32.89 1.50 0.00	41.26 1.97 0.00	45.64 2.59 0.00	52.26 2.61 0.00	52.90 1.84 0.00	65.75 1.90 0.00	57.53 1.32 0.00	83.87 2.26 0.00	79.88 1.45 0.00	58.83 1.67 0.00	79.94 2.38 0.00	69.03 2.30 0.00	75.12 3.19 -0.01	66.75 3.73 0.00	69.60 4.73 -0.02	65.56 4.86 0.00	60.40 4.44 0.00	51.18 3.52 0.00	44.14 2.65 0.00
GLENDALE_27_KV_LOAD 356172	33.13 1.16 0.00	31.50 1.33 0.00	28.86 1.36 0.00	27.41 1.38 0.00	28.42 1.37 0.00	32.67 1.28 0.00	40.87 1.59 0.00	45.38 2.32 0.00	51.75 2.09 0.00	53.62 2.55 0.00	66.87 3.03 0.00	58.43 2.22 0.00	84.74 3.13 0.00	82.29 3.86 0.00	149.21 2.54 -89.50	87.57 4.14 -5.87	72.89 3.88 -2.27	77.14 4.98 -0.24	67.15 4.13 0.00	68.29 3.45 0.00	62.95 2.25 0.00	57.97 2.01 0.00	49.49 1.84 0.00	43.30 1.81 0.00
GLENWOOD_IC_1_G5 23712	33.14 1.17 0.00	33.15 1.37 -1.62	28.92 1.42 0.00	27.50 1.47 0.00	28.52 1.46 -0.01	32.74 1.34 -0.01	40.75 1.46 0.00	45.17 2.12 0.00	51.45 1.80 0.00	56.88 2.35 -3.46	66.47 2.62 0.00	58.04 1.83 -0.01	76.14 2.26 7.74	70.10 2.76 11.10	150.59 1.75 -91.68	144.17 3.02 -63.59	70.72 2.99 -1.00	76.40 4.24 -0.24	66.51 3.59 0.09	67.64 2.80 0.00	62.27 1.66 -0.09	57.35 1.46 0.06	47.72 1.41 1.36	43.15 1.65 0.00
GLENWOOD_IC_2_G1 23688	32.99 1.02 0.00	31.46 1.23 -0.07	28.78 1.28 0.00	27.37 1.34 0.00	28.37 1.32 0.00	32.57 1.18 0.00	40.59 1.30 0.00	44.99 1.94 0.00	51.38 1.72 0.00	53.39 2.18 -0.15	66.36 2.51 0.00	57.97 1.76 0.00	83.84 2.23 0.00	81.37 2.89 -0.05	150.35 1.82 -91.37	90.46 3.10 -9.80	72.06 3.05 -2.27	76.38 4.23 -0.24	66.58 3.57 0.00	67.72 2.88 0.00	62.46 1.76 0.00	57.51 1.56 0.00	49.11 1.46 0.01	43.01 1.52 0.00
GLENWOOD_IC_3_G1 23689	32.99 1.02 0.00	31.46 1.23 -0.07	28.78 1.28 0.00	27.37 1.34 0.00	28.37 1.32 0.00	32.57 1.18 0.00	40.59 1.30 0.00	44.99 1.94 0.00	51.38 1.72 0.00	53.39 2.18 -0.15	66.36 2.51 0.00	57.97 1.76 0.00	83.84 2.23 0.00	81.37 2.89 -0.05	150.35 1.82 -91.37	90.46 3.10 -9.80	72.06 3.05 -2.27	76.38 4.23 -0.24	66.58 3.57 0.00	67.72 2.88 0.00	62.46 1.76 0.00	57.51 1.56 0.00	49.11 1.46 0.01	43.01 1.52 0.00
GLENWOOD____4 23550	33.14 1.17 0.00	33.15 1.37 -1.62	28.92 1.42 0.00	27.50 1.47 0.00	28.52 1.46 -0.01	32.74 1.34 -0.01	40.75 1.46 0.00	45.18 2.12 0.00	51.50 1.85 0.00	56.91 2.38 -3.46	66.55 2.70 0.00	58.12 1.90 -0.01	76.23 2.36 7.74	70.27 2.93 11.10	150.73 1.88 -91.68	144.35 3.20 -63.59	70.89 3.16 -1.00	76.57 4.42 -0.24	66.65 3.73 0.09	67.81 2.97 0.00	62.42 1.81 0.09	57.49 1.60 0.06	47.83 1.52 1.36	43.15 1.65 0.00
GLENWOOD____5 23614	33.14 1.17 0.00	33.15 1.37 -1.62	28.92 1.42 0.00	27.50 1.47 0.00	28.52 1.46 -0.01	32.74 1.34 -0.01	40.75 1.46 0.00	45.18 2.12 0.00	51.50 1.85 0.00	56.91 2.38 -3.46	66.55 2.70 0.00	58.12 1.90 -0.01	76.23 2.36 7.74	70.27 2.93 11.10	150.73 1.88 -91.68	144.35 3.20 -63.59	70.89 3.16 -1.00	76.57 4.42 -0.24	66.65 3.73 0.09	67.81 2.97 0.00	62.42 1.81 0.09	57.49 1.60 0.06	47.83 1.52 1.36	43.15 1.65 0.00
GLOBAL GREEN_PORT_GT1 23814	32.92 0.95 0.00	32.37 1.27 -0.94	28.98 1.48 0.00	28.05 2.01 0.00	29.16 2.10 -0.01	33.47 2.07 -0.01	41.15 1.86 0.00	45.56 2.51 0.00	51.89 2.24 0.00	56.19 3.12 -2.00	66.37 2.52 0.00	58.04 1.83 0.00	58.25 1.59 24.95	42.05 2.67 39.06	40.78 1.29 17.67	29.93 2.88 50.51	68.33 3.49 1.89	78.22 6.06 -0.24	67.49 5.56 1.09	69.57 4.72 0.00	63.97 3.49 0.22	57.09 2.97 1.84	45.06 2.62 5.23	43.98 2.49 0.00
GLOBE____DSASP 323697	32.26 0.30 0.00	30.29 0.13 0.00	27.37 -0.13 0.00	25.80 -0.23 0.00	26.78 -0.27 0.00	31.10 -0.29 0.00	38.79 -0.49 0.00	42.84 -0.21 0.00	49.87 0.22 0.00	51.37 0.31 0.00	64.02 0.17 0.00	56.86 0.65 0.00	82.90 1.29 0.00	80.40 1.97 0.00	58.40 1.24 0.00	77.08 -0.48 0.00	65.53 -1.21 0.00	71.16 -0.75 0.00	62.55 -0.47 0.00	63.77 -1.07 0.00	58.83 -1.87 0.00	53.74 -2.22 0.00	45.38 -2.28 0.00	39.14 -2.35 0.00
GOETHSLN____LBMP 323567	32.80 0.83 0.00	31.18 1.02 0.00	28.58 1.08 0.00	27.15 1.12 0.00	28.15 1.10 0.00	32.34 0.95 0.00	40.45 1.17 0.00	44.87 1.81 0.00	51.18 1.52 0.00	53.02 1.95 0.00	66.10 2.25 0.00	57.75 1.55 0.00	83.59 1.98 0.00	81.14 2.71 0.00	148.36 1.70 -89.50	86.34 2.91 -5.87	71.86 2.86 -2.27	76.03 3.87 -0.24	66.23 3.22 0.00	67.32 2.47 0.00	62.08 1.38 0.00	57.23 1.28 0.00	48.91 1.25 0.00	42.77 1.28 0.00
GOLAH____69_KV_TB 1_2 80279	33.38 1.41 0.00	31.39 1.23 0.00	28.45 0.95 0.00	26.81 0.77 0.00	27.83 0.78 0.00	32.30 0.91 0.00	40.41 1.13 0.00	44.62 1.57 0.00	51.79 2.13 0.00	53.44 2.37 0.00	66.64 2.79 0.00	58.89 2.68 0.00	85.96 4.35 0.00	83.17 4.74 0.00	60.65 3.49 0.00	80.80 3.24 0.00	68.97 2.24 0.00	74.71 2.80 0.00	65.64 2.63 0.00	66.99 2.15 0.00	62.17 1.47 0.00	56.84 0.88 0.00	47.95 0.29 0.00	41.44 -0.05 0.00
GOODYEAR_LAKE_HYD 323669	33.15 1.18 0.00	31.44 1.28 0.00	28.66 1.17 0.00	27.18 1.14 0.00	28.20 1.15 0.00	32.65 1.27 0.00	40.90 1.62 0.00	45.11 2.06 0.00	51.91 2.26 0.00	53.47 2.40 0.00	66.87 3.02 0.00	58.75 2.55 0.00	85.33 3.72 0.00	82.22 3.79 0.00	59.78 2.61 0.00	80.89 3.33 0.00	69.77 3.04 0.00	75.73 3.81 0.00	66.55 3.54 0.00	68.28 3.43 0.00	63.43 2.73 0.00	58.32 2.36 0.00	49.53 1.87 0.00	42.94 1.45 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.55 0.58 0.00	30.87 0.71 0.00	28.11 0.62 0.00	26.65 0.61 0.00	27.64 0.59 0.00	31.93 0.54 0.00	39.86 0.58 0.00	44.04 0.98 0.00	50.77 1.12 0.00	52.18 1.11 0.00	65.25 1.40 0.00	57.36 1.15 0.00	83.15 1.54 0.00	80.11 1.67 0.00	58.14 0.98 0.00	78.71 1.15 0.00	67.65 0.92 0.00	73.57 1.65 -0.01	64.83 1.81 0.00	66.33 1.47 -0.01	61.48 0.78 0.00	56.49 0.53 0.00	47.85 0.19 0.00	41.46 -0.03 0.00

GOUDEY___7 23579	32.55 0.58 0.00	30.87 0.71 0.00	28.11 0.62 0.00	26.65 0.61 0.00	27.64 0.59 0.00	31.93 0.54 0.00	39.86 0.58 0.00	44.04 0.98 0.00	50.77 1.12 0.00	52.18 1.11 0.00	65.25 1.40 0.00	57.36 1.15 0.00	83.15 1.54 0.00	80.11 1.67 0.00	58.14 0.98 0.00	78.71 1.15 0.00	67.65 0.92 0.00	73.57 1.65 -0.01	64.83 1.81 0.00	66.33 1.47 -0.01	61.48 0.78 0.00	56.49 0.53 0.00	47.85 0.19 0.00	41.46 -0.03 0.00
GOUDEY___8 23580	32.55 0.58 0.00	30.87 0.71 0.00	28.11 0.62 0.00	26.65 0.61 0.00	27.64 0.59 0.00	31.93 0.54 0.00	39.86 0.58 0.00	44.04 0.98 0.00	50.77 1.12 0.00	52.18 1.11 0.00	65.25 1.40 0.00	57.36 1.15 0.00	83.15 1.54 0.00	80.11 1.67 0.00	58.14 0.98 0.00	78.71 1.15 0.00	67.65 0.92 0.00	73.57 1.65 -0.01	64.83 1.81 0.00	66.33 1.47 -0.01	61.48 0.78 0.00	56.49 0.53 0.00	47.85 0.19 0.00	41.46 -0.03 0.00
GOWANUS_GT1_1 24077	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
GOWANUS_GT1_2 24078	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
GOWANUS_GT1_3 24079	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
GOWANUS_GT1_4 24080	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
GOWANUS_GT1_5 24084	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
GOWANUS_GT1_6 24111	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
GOWANUS_GT1_7 24112	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
GOWANUS_GT1_8 24113	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
GOWANUS_GT2_1 24114	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
GOWANUS_GT2_2 24115	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
GOWANUS_GT2_3 24116	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
GOWANUS_GT2_4 24117	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
GOWANUS_GT2_5 24118	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00

GOWANUS_GT2_6 24119	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
GOWANUS_GT2_7 24120	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
GOWANUS_GT2_8 24121	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
GOWANUS_GT3_1 24122	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
GOWANUS_GT3_2 24123	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
GOWANUS_GT3_3 24124	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
GOWANUS_GT3_4 24125	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
GOWANUS_GT3_5 24126	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
GOWANUS_GT3_6 24127	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
GOWANUS_GT3_7 24128	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
GOWANUS_GT3_8 24129	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
GOWANUS_GT4_1 24130	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
GOWANUS_GT4_2 24131	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
GOWANUS_GT4_3 24132	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
GOWANUS_GT4_4 24133	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00

GOWANUS_GT4_5 24134	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
GOWANUS_GT4_6 24135	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
GOWANUS_GT4_7 24136	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
GOWANUS_GT4_8 24137	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
GREATVRV_69_KV_BK1 356245	33.40 1.43 0.00	32.83 1.70 -0.96	29.27 1.77 0.00	27.92 1.88 0.00	28.95 1.89 -0.01	33.15 1.75 -0.01	40.95 1.66 0.00	45.44 2.39 0.00	51.93 2.27 0.00	55.96 2.84 -2.06	66.79 2.95 0.00	58.05 1.84 0.00	59.35 1.84 24.11	43.46 2.73 37.70	46.29 1.64 12.52	35.19 2.98 45.35	68.10 3.11 1.75	76.94 4.78 -0.24	66.37 4.39 1.04	68.13 3.29 0.00	62.54 2.05 0.21	56.00 1.80 1.75	44.32 1.71 5.04	43.26 1.77 0.00
GREENBSH_115KV_TB3 55895	31.99 0.02 0.00	30.49 0.33 0.00	27.96 0.46 0.00	26.48 0.44 0.00	27.44 0.39 0.00	31.55 0.16 0.00	39.21 -0.08 0.00	43.13 0.08 0.00	49.49 -0.16 0.00	51.12 0.06 0.00	63.72 -0.13 0.00	55.77 -0.44 0.00	80.98 -0.64 0.00	77.89 -0.54 0.00	-1.66 -0.43 58.39	73.29 -0.45 3.83	64.95 -0.30 1.48	71.96 0.20 0.16	63.21 0.19 0.00	64.96 0.11 0.00	60.33 -0.37 0.00	55.69 -0.27 0.00	47.62 -0.04 0.00	41.53 0.04 0.00
GREENDGE_115KV_TB5 80291	32.95 0.98 0.00	31.09 0.93 0.00	28.33 0.83 0.00	26.89 0.86 0.00	27.85 0.79 0.00	32.21 0.83 0.00	40.30 1.02 0.00	44.63 1.58 0.00	51.57 1.91 0.00	52.84 1.78 0.00	66.26 2.42 0.00	58.36 2.15 0.00	84.81 3.20 0.00	82.04 3.61 0.00	59.60 2.44 0.00	80.33 2.77 0.00	68.91 2.18 0.00	75.10 3.18 -0.01	66.19 3.17 0.00	67.67 2.82 -0.01	62.63 1.93 0.00	57.35 1.39 0.00	48.32 0.66 0.00	41.65 0.16 0.00
GREENIDGE___3 23582	32.95 0.98 0.00	31.09 0.93 0.00	28.33 0.83 0.00	26.89 0.86 0.00	27.85 0.79 0.00	32.21 0.83 0.00	40.30 1.02 0.00	44.63 1.58 0.00	51.57 1.91 0.00	52.84 1.78 0.00	66.26 2.42 0.00	58.36 2.15 0.00	84.81 3.20 0.00	82.04 3.61 0.00	59.60 2.44 0.00	80.33 2.77 0.00	68.91 2.18 0.00	75.10 3.18 -0.01	66.19 3.17 0.00	67.67 2.82 -0.01	62.63 1.93 0.00	57.35 1.39 0.00	48.32 0.66 0.00	41.65 0.16 0.00
GREENIDGE___4 23583	32.95 0.98 0.00	31.09 0.93 0.00	28.32 0.83 0.00	26.89 0.86 0.00	27.84 0.79 0.00	32.21 0.83 0.00	40.30 1.02 0.00	44.63 1.58 0.00	51.57 1.91 0.00	52.84 1.78 0.00	66.26 2.41 0.00	58.36 2.15 0.00	84.81 3.20 0.00	82.04 3.61 0.00	59.60 2.44 0.00	80.33 2.77 0.00	68.91 2.18 0.00	75.10 3.18 -0.01	66.20 3.18 0.00	67.67 2.82 -0.01	62.63 1.93 0.00	57.36 1.41 0.00	48.31 0.66 0.00	41.65 0.16 0.00
GREENLWN_69_KV_BK 3 55738	32.85 0.88 0.00	32.31 1.19 -0.96	28.78 1.28 0.00	27.45 1.41 0.00	28.46 1.40 -0.01	32.56 1.17 -0.01	40.24 0.96 0.00	44.57 1.52 0.00	50.91 1.25 0.00	54.87 1.76 -2.05	65.58 1.73 0.00	57.04 0.82 0.00	57.58 0.31 24.34	41.51 1.14 38.07	43.81 0.50 13.85	32.22 1.27 46.60	66.45 1.50 1.78	74.98 2.83 -0.24	64.40 2.46 1.07	66.34 1.49 0.00	60.89 0.40 0.21	54.34 0.18 1.80	43.03 0.47 5.11	42.20 0.71 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00
GRISSOM___SOLAR 323813	33.53 1.56 0.00	31.70 1.54 0.00	28.88 1.38 0.00	27.38 1.35 0.00	28.45 1.40 0.00	32.99 1.60 0.00	41.35 2.06 0.00	45.35 2.29 0.00	52.05 2.40 0.00	53.54 2.48 0.00	66.39 2.55 0.00	58.14 1.93 0.00	84.42 2.80 0.00	80.10 1.67 0.00	16.03 1.67 42.81	75.86 1.11 2.81	66.74 1.09 1.09	73.85 2.05 0.11	65.81 2.80 0.00	68.96 4.12 0.00	64.50 3.80 0.00	59.41 3.46 0.00	50.50 2.84 0.00	43.83 2.34 0.00
GROVEVILLE___HYD 323602	33.15 1.18 0.00	31.52 1.36 0.00	28.89 1.39 0.00	27.40 1.37 0.00	28.41 1.36 0.00	32.67 1.28 0.00	40.78 1.50 0.00	45.18 2.13 0.00	51.68 2.03 0.00	53.47 2.41 0.00	66.79 2.95 0.00	58.45 2.25 0.00	84.83 3.21 0.00	82.18 3.75 0.00	144.51 2.49 -84.85	87.05 3.93 -5.57	72.59 3.70 -2.16	76.97 4.83 -0.23	67.14 4.13 0.00	68.43 3.58 0.00	63.18 2.49 0.00	58.22 2.27 0.00	49.67 2.01 0.00	43.27 1.77 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.10 0.14 0.00	30.31 0.15 0.00	27.88 0.38 0.00	26.63 0.59 0.00	27.38 0.32 0.00	31.51 0.12 0.00	39.27 -0.01 0.00	43.23 0.18 0.00	49.86 0.20 0.00	51.31 0.24 0.00	64.15 0.30 0.00	56.41 0.20 0.00	81.87 0.26 0.00	78.89 0.45 0.00	57.55 0.38 0.00	78.02 0.46 0.00	67.23 0.50 0.00	72.81 0.88 -0.01	63.86 0.85 0.00	65.45 0.58 -0.03	60.93 0.23 0.00	56.02 0.06 0.00	47.51 -0.15 0.00	41.21 -0.28 0.00
HAMLTNNY_34_KV_TB 80303	32.37 0.40 0.00	30.52 0.36 0.00	28.16 0.66 0.00	27.01 0.97 0.00	27.62 0.57 0.00	31.76 0.37 0.00	39.58 0.29 0.00	43.58 0.52 0.00	50.34 0.68 0.00	51.84 0.77 0.00	64.75 0.90 0.00	56.96 0.75 0.00	82.65 1.04 0.00	79.75 1.32 0.00	58.16 1.00 0.00	78.78 1.21 0.00	67.78 1.05 0.00	73.36 1.43 -0.01	64.42 1.41 0.00	65.93 1.06 -0.02	61.29 0.59 0.00	56.30 0.34 0.00	47.66 0.00 0.00	41.29 -0.20 0.00

HAMPSHIRE___PAPER_HYD 323593	32.33 0.36 0.00	30.43 0.27 0.00	27.71 0.21 0.00	26.30 0.27 0.00	27.52 0.47 0.00	32.18 0.79 0.00	40.54 1.26 0.00	44.50 1.45 0.00	51.19 1.53 0.00	52.18 1.11 0.00	65.05 1.21 0.00	57.31 1.10 0.00	83.28 1.67 0.00	79.44 1.01 0.00	58.17 1.01 0.00	78.96 1.40 0.00	67.99 1.26 0.00	72.93 1.01 -0.01	64.32 1.31 0.00	66.86 2.01 -0.01	63.18 2.48 0.00	58.42 2.46 0.00	49.93 2.27 0.00	43.34 1.85 0.00
HARDSCRABBLE_WT_PWR 323673	31.84 -0.12 0.00	30.41 0.25 0.00	27.89 0.39 0.00	26.40 0.37 0.00	27.42 0.37 0.00	31.52 0.12 0.00	39.24 -0.05 0.00	43.18 0.13 0.00	49.50 -0.15 0.00	51.00 -0.07 0.00	63.66 -0.19 0.00	55.56 -0.64 0.00	80.47 -1.14 0.00	77.01 -1.42 0.00	55.94 -1.23 0.00	76.11 -1.45 0.00	65.62 -1.11 0.00	71.80 -0.12 0.00	63.58 0.56 0.00	65.66 0.82 0.00	60.99 0.28 0.00	56.11 0.15 0.00	47.88 0.22 0.00	41.70 0.21 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.00 1.04 0.00	31.38 1.21 0.00	28.74 1.24 0.00	27.27 1.24 0.00	28.27 1.22 0.00	32.51 1.12 0.00	40.62 1.33 0.00	45.00 1.94 0.00	51.45 1.79 0.00	53.21 2.14 0.00	66.43 2.58 0.00	58.24 2.03 0.00	84.57 2.96 0.00	82.02 3.59 0.00	141.06 2.41 -81.49	86.69 3.78 -5.34	72.40 3.60 -2.07	76.82 4.68 -0.22	67.02 4.00 0.00	68.27 3.42 0.00	63.06 2.36 0.00	58.10 2.14 0.00	49.57 1.91 0.00	43.16 1.67 0.00
HARSNRAD_115KV_TB1 81005	32.87 0.90 0.00	30.84 0.67 0.00	27.87 0.37 0.00	26.28 0.24 0.00	27.28 0.23 0.00	31.69 0.30 0.00	39.57 0.28 0.00	43.71 0.66 0.00	50.87 1.22 0.00	52.37 1.31 0.00	65.28 1.43 0.00	57.95 1.74 0.00	84.46 2.84 0.00	81.78 3.35 0.00	59.45 2.29 0.00	78.52 0.95 0.00	66.76 0.03 0.00	72.49 0.57 0.00	63.80 0.78 0.00	65.05 0.21 0.00	60.00 -0.70 0.00	54.82 -1.14 0.00	46.24 -1.42 0.00	39.92 -1.57 0.00
HARZA MOOSE___RIVER 24016	32.38 0.41 0.00	30.63 0.47 0.00	27.98 0.48 0.00	26.60 0.56 0.00	27.82 0.76 0.00	32.34 0.96 0.00	40.56 1.27 0.00	44.66 1.61 0.00	51.43 1.78 0.00	52.60 1.54 0.00	65.61 1.76 0.00	57.48 1.27 0.00	83.45 1.84 0.00	79.99 1.56 0.00	58.52 1.35 0.00	79.63 2.07 0.00	68.78 2.05 0.00	74.48 2.57 0.00	65.72 2.71 0.00	67.92 3.07 -0.01	63.69 2.99 0.00	58.72 2.76 0.00	49.91 2.25 0.00	43.21 1.72 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.01 0.04 0.00	30.26 0.10 0.00	27.60 0.10 0.00	26.16 0.13 0.00	27.11 0.06 0.00	31.37 -0.02 0.00	39.04 -0.24 0.00	42.97 -0.09 0.00	49.58 -0.07 0.00	51.06 0.00 0.00	63.82 -0.03 0.00	56.16 -0.05 0.00	81.54 -0.07 0.00	78.57 0.14 0.00	57.28 0.12 0.00	77.60 0.03 0.00	66.81 0.08 0.00	72.35 0.42 -0.01	63.48 0.46 0.00	65.07 0.21 -0.01	60.52 -0.18 0.00	55.65 -0.31 0.00	47.24 -0.42 0.00	40.96 -0.53 0.00
HELLGATE_13_KV_LD 55870	33.14 1.17 0.00	31.51 1.35 0.00	28.87 1.37 0.00	27.43 1.40 0.00	28.45 1.40 0.00	32.69 1.30 0.00	40.92 1.64 0.00	45.43 2.38 0.00	51.79 2.13 0.00	53.67 2.60 0.00	66.96 3.11 0.00	58.51 2.31 0.00	84.83 3.22 0.00	82.39 3.96 0.00	149.27 2.60 -89.50	87.67 4.23 -5.87	73.02 4.01 -2.27	77.25 5.10 -0.24	67.22 4.20 0.00	68.39 3.54 0.00	63.02 2.32 0.00	58.04 2.09 0.00	49.56 1.90 0.00	43.35 1.86 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.14 1.17 0.00	31.51 1.35 0.00	28.87 1.37 0.00	27.43 1.40 0.00	28.45 1.40 0.00	32.69 1.30 0.00	40.92 1.64 0.00	45.43 2.38 0.00	51.79 2.13 0.00	53.67 2.60 0.00	66.96 3.11 0.00	58.51 2.31 0.00	84.83 3.22 0.00	82.39 3.96 0.00	149.27 2.60 -89.50	87.67 4.23 -5.87	73.02 4.01 -2.27	77.25 5.10 -0.24	67.22 4.20 0.00	68.39 3.54 0.00	63.02 2.32 0.00	58.04 2.09 0.00	49.56 1.90 0.00	43.35 1.86 0.00
HEMPSTEAD___ 23647	32.96 0.99 0.00	32.77 1.21 -1.40	28.79 1.30 0.00	27.42 1.39 0.00	28.42 1.36 -0.01	32.60 1.20 -0.01	40.48 1.19 0.00	44.86 1.81 0.00	51.21 1.55 0.00	56.12 2.07 -2.98	66.12 2.27 0.00	57.67 1.46 0.00	71.36 1.47 11.72	62.99 2.17 17.62	123.14 1.33 -64.65	113.53 2.44 -33.53	69.58 2.52 -0.33	75.98 3.83 -0.24	66.07 3.23 0.17	67.29 2.44 0.00	61.83 1.30 0.17	56.98 1.12 0.10	46.71 1.09 2.05	42.78 1.29 0.00
HICKLING___1 23621	33.03 1.06 0.00	31.25 1.09 0.00	28.38 0.89 0.00	26.92 0.89 0.00	27.94 0.89 0.00	32.34 0.95 0.00	40.45 1.17 0.00	44.83 1.78 0.00	51.86 2.21 0.00	53.21 2.14 0.00	66.64 2.79 0.00	58.70 2.49 0.00	85.19 3.58 0.00	82.26 3.83 0.00	59.53 2.37 0.00	80.09 2.53 0.00	68.66 1.93 0.00	75.05 3.13 -0.01	66.40 3.39 0.00	67.80 2.94 -0.01	62.56 1.87 0.00	57.29 1.34 0.00	48.18 0.52 0.00	41.52 0.04 0.00
HICKLING___2 23622	33.03 1.06 0.00	31.25 1.09 0.00	28.38 0.89 0.00	26.92 0.89 0.00	27.94 0.89 0.00	32.34 0.95 0.00	40.45 1.17 0.00	44.83 1.78 0.00	51.86 2.21 0.00	53.21 2.14 0.00	66.64 2.79 0.00	58.70 2.49 0.00	85.19 3.58 0.00	82.26 3.83 0.00	59.53 2.37 0.00	80.09 2.53 0.00	68.66 1.93 0.00	75.05 3.13 -0.01	66.40 3.39 0.00	67.80 2.94 -0.01	62.56 1.87 0.00	57.29 1.34 0.00	48.18 0.52 0.00	41.52 0.04 0.00
HIGH FALLS___HY 23754	32.96 0.99 0.00	31.32 1.16 0.00	28.69 1.20 0.00	27.24 1.21 0.00	28.24 1.19 0.00	32.48 1.09 0.00	40.61 1.32 0.00	45.13 2.07 0.00	51.52 1.87 0.00	53.22 2.16 0.00	66.56 2.72 0.00	58.12 1.92 0.00	84.47 2.85 0.00	81.87 3.44 0.00	118.06 2.20 -58.70	85.06 3.65 -3.85	71.86 3.64 -1.49	77.17 5.10 -0.16	67.33 4.32 0.00	68.46 3.62 0.00	63.26 2.56 0.00	58.28 2.32 0.00	49.67 2.01 0.00	43.23 1.74 0.00
HIGH_RIVER___SOLAR 323847	32.94 0.97 0.00	31.22 1.06 0.00	28.51 1.02 0.00	27.02 0.99 0.00	28.05 1.00 0.00	32.41 1.03 0.00	40.50 1.21 0.00	44.39 1.34 0.00	50.90 1.25 0.00	52.41 1.34 0.00	65.27 1.42 0.00	57.08 0.87 0.00	83.01 1.40 0.00	79.36 0.93 0.00	11.38 0.78 46.57	74.95 0.45 3.05	66.30 0.75 1.18	73.09 1.30 0.12	64.79 1.78 0.00	67.29 2.44 0.00	62.79 2.09 0.00	57.87 1.91 0.00	49.29 1.63 0.00	42.90 1.41 0.00
HILLBURN___GT 23639	32.91 0.94 0.00	31.29 1.13 0.00	28.67 1.17 0.00	27.22 1.19 0.00	28.21 1.16 0.00	32.44 1.05 0.00	40.54 1.25 0.00	44.91 1.86 0.00	51.31 1.66 0.00	53.07 2.00 0.00	66.22 2.37 0.00	58.01 1.80 0.00	84.20 2.59 0.00	81.72 3.29 0.00	142.47 2.08 -83.22	86.24 3.22 -5.46	72.00 3.16 -2.11	76.35 4.21 -0.22	66.63 3.61 0.00	67.86 3.01 0.00	62.66 1.96 0.00	57.75 1.79 0.00	49.31 1.65 0.00	42.98 1.49 0.00
HILLSIDE_115KV_TB1 80332	32.43 0.46 0.00	30.74 0.58 0.00	27.91 0.41 0.00	26.47 0.44 0.00	27.49 0.43 0.00	31.73 0.34 0.00	39.73 0.44 0.00	43.99 0.94 0.00	50.82 1.16 0.00	52.11 1.04 0.00	65.22 1.37 0.00	57.39 1.19 0.00	83.09 1.47 0.00	80.17 1.74 0.00	58.03 0.87 0.00	78.34 0.78 0.00	67.14 0.41 0.00	73.28 1.36 -0.01	64.82 1.80 0.00	66.10 1.24 -0.01	61.07 0.37 0.00	56.09 0.13 0.00	47.26 -0.40 0.00	40.81 -0.67 0.00

HISHELDN_WT_PWR 323625	32.67 0.70 0.00	30.73 0.57 0.00	27.89 0.39 0.00	26.37 0.34 0.00	27.36 0.31 0.00	31.76 0.37 0.00	39.66 0.37 0.00	43.91 0.86 0.00	51.01 1.36 0.00	52.40 1.33 0.00	65.38 1.54 0.00	57.94 1.73 0.00	84.54 2.92 0.00	81.90 3.47 0.00	59.27 2.10 0.00	78.50 0.94 0.00	67.03 0.29 0.00	72.97 1.05 0.00	64.57 1.55 0.00	65.89 1.05 0.00	60.75 0.05 0.00	55.50 -0.46 0.00	46.67 -0.99 0.00	40.18 -1.31 0.00
HOLTSVILLE_IC_1 23690	32.89 0.92 0.00	32.38 1.28 -0.93	28.90 1.41 0.00	27.61 1.57 0.00	28.63 1.57 -0.01	32.73 1.34 -0.01	40.32 1.04 0.00	44.70 1.65 0.00	50.98 1.33 0.00	54.94 1.88 -2.00	65.55 1.70 0.00	56.97 0.76 0.00	56.87 0.25 25.00	40.54 1.24 39.14	39.76 0.56 17.97	28.26 1.52 50.81	66.55 1.71 1.89	75.35 3.19 -0.24	64.94 3.02 1.10	66.79 1.95 0.00	61.30 0.82 0.22	54.76 0.65 1.84	43.17 0.75 5.24	42.50 1.01 0.00
HOLTSVILLE_IC_10 23699	33.01 1.04 0.00	32.49 1.39 -0.94	29.00 1.50 0.00	27.71 1.67 0.00	28.74 1.68 -0.01	32.86 1.47 -0.01	40.45 1.17 0.00	44.89 1.83 0.00	51.22 1.56 0.00	55.20 2.13 -2.01	65.88 2.03 0.00	57.20 0.99 0.00	57.47 0.64 24.79	41.29 1.66 38.79	41.39 0.89 16.66	30.03 1.97 49.50	67.04 2.17 1.86	75.89 3.74 -0.24	65.47 3.53 1.08	67.26 2.41 0.00	61.72 1.23 0.22	55.15 1.02 1.82	43.52 1.05 5.19	42.71 1.22 0.00
HOLTSVILLE_IC_2 23691	32.89 0.92 0.00	32.38 1.28 -0.93	28.90 1.41 0.00	27.61 1.57 0.00	28.63 1.57 -0.01	32.73 1.34 -0.01	40.32 1.04 0.00	44.70 1.65 0.00	50.98 1.33 0.00	54.94 1.88 -2.00	65.55 1.70 0.00	56.97 0.76 0.00	56.87 0.25 25.00	40.54 1.24 39.14	39.76 0.56 17.97	28.26 1.52 50.81	66.55 1.71 1.89	75.35 3.19 -0.24	64.94 3.02 1.10	66.79 1.95 0.00	61.30 0.82 0.22	54.76 0.65 1.84	43.17 0.75 5.24	42.50 1.01 0.00
HOLTSVILLE_IC_3 23692	32.89 0.92 0.00	32.38 1.28 -0.93	28.90 1.41 0.00	27.61 1.57 0.00	28.63 1.57 -0.01	32.73 1.34 -0.01	40.32 1.04 0.00	44.70 1.65 0.00	50.98 1.33 0.00	54.94 1.88 -2.00	65.55 1.70 0.00	56.97 0.76 0.00	56.87 0.25 25.00	40.54 1.24 39.14	39.76 0.56 17.97	28.26 1.52 50.81	66.55 1.71 1.89	75.35 3.19 -0.24	64.94 3.02 1.10	66.79 1.95 0.00	61.30 0.82 0.22	54.76 0.65 1.84	43.17 0.75 5.24	42.50 1.01 0.00
HOLTSVILLE_IC_4 23693	32.89 0.92 0.00	32.38 1.28 -0.93	28.90 1.41 0.00	27.61 1.57 0.00	28.63 1.57 -0.01	32.73 1.34 -0.01	40.32 1.04 0.00	44.70 1.65 0.00	50.98 1.33 0.00	54.94 1.88 -2.00	65.55 1.70 0.00	56.97 0.76 0.00	56.87 0.25 25.00	40.54 1.24 39.14	39.76 0.56 17.97	28.26 1.52 50.81	66.55 1.71 1.89	75.35 3.19 -0.24	64.94 3.02 1.10	66.79 1.95 0.00	61.30 0.82 0.22	54.76 0.65 1.84	43.17 0.75 5.24	42.50 1.01 0.00
HOLTSVILLE_IC_5 23694	32.89 0.92 0.00	32.38 1.28 -0.93	28.90 1.41 0.00	27.61 1.57 0.00	28.63 1.57 -0.01	32.73 1.34 -0.01	40.32 1.04 0.00	44.70 1.65 0.00	50.98 1.33 0.00	54.94 1.88 -2.00	65.55 1.70 0.00	56.97 0.76 0.00	56.87 0.25 25.00	40.54 1.24 39.14	39.76 0.56 17.97	28.26 1.52 50.81	66.55 1.71 1.89	75.35 3.19 -0.24	64.94 3.02 1.10	66.79 1.95 0.00	61.30 0.82 0.22	54.76 0.65 1.84	43.17 0.75 5.24	42.50 1.01 0.00
HOLTSVILLE_IC_6 23695	33.01 1.04 0.00	32.49 1.39 -0.94	29.00 1.50 0.00	27.71 1.67 0.00	28.74 1.68 -0.01	32.86 1.47 -0.01	40.45 1.17 0.00	44.89 1.83 0.00	51.22 1.56 0.00	55.20 2.13 -2.01	65.88 2.03 0.00	57.20 0.99 0.00	57.47 0.64 24.79	41.29 1.66 38.79	41.39 0.89 16.66	30.03 1.97 49.50	67.04 2.17 1.86	75.89 3.74 -0.24	65.47 3.53 1.08	67.26 2.41 0.00	61.72 1.23 0.22	55.15 1.02 1.82	43.52 1.05 5.19	42.71 1.22 0.00
HOLTSVILLE_IC_7 23696	33.01 1.04 0.00	32.49 1.39 -0.94	29.00 1.50 0.00	27.71 1.67 0.00	28.74 1.68 -0.01	32.86 1.47 -0.01	40.45 1.17 0.00	44.89 1.83 0.00	51.22 1.56 0.00	55.20 2.13 -2.01	65.88 2.03 0.00	57.20 0.99 0.00	57.47 0.64 24.79	41.29 1.66 38.79	41.39 0.89 16.66	30.03 1.97 49.50	67.04 2.17 1.86	75.89 3.74 -0.24	65.47 3.53 1.08	67.26 2.41 0.00	61.72 1.23 0.22	55.15 1.02 1.82	43.52 1.05 5.19	42.71 1.22 0.00
HOLTSVILLE_IC_8 23697	33.01 1.04 0.00	32.49 1.39 -0.94	29.00 1.50 0.00	27.71 1.67 0.00	28.74 1.68 -0.01	32.86 1.47 -0.01	40.45 1.17 0.00	44.89 1.83 0.00	51.22 1.56 0.00	55.20 2.13 -2.01	65.88 2.03 0.00	57.20 0.99 0.00	57.47 0.64 24.79	41.29 1.66 38.79	41.39 0.89 16.66	30.03 1.97 49.50	67.04 2.17 1.86	75.89 3.74 -0.24	65.47 3.53 1.08	67.26 2.41 0.00	61.72 1.23 0.22	55.15 1.02 1.82	43.52 1.05 5.19	42.71 1.22 0.00
HOLTSVILLE_IC_9 23698	33.01 1.04 0.00	32.49 1.39 -0.94	29.00 1.50 0.00	27.71 1.67 0.00	28.74 1.68 -0.01	32.86 1.47 -0.01	40.45 1.17 0.00	44.89 1.83 0.00	51.22 1.56 0.00	55.20 2.13 -2.01	65.88 2.03 0.00	57.20 0.99 0.00	57.47 0.64 24.79	41.29 1.66 38.79	41.39 0.89 16.66	30.03 1.97 49.50	67.04 2.17 1.86	75.89 3.74 -0.24	65.47 3.53 1.08	67.26 2.41 0.00	61.72 1.23 0.22	55.15 1.02 1.82	43.52 1.05 5.19	42.71 1.22 0.00
HOMER_HL_115KV_TB2 355744	33.23 1.26 0.00	31.44 1.28 0.00	28.55 1.06 0.00	27.02 0.99 0.00	28.06 1.01 0.00	32.54 1.15 0.00	40.72 1.44 0.00	45.21 2.16 0.00	52.36 2.70 0.00	53.45 2.38 0.00	66.25 2.40 0.00	57.91 1.70 0.00	84.07 2.46 0.00	81.32 2.89 0.00	58.80 1.63 0.00	78.25 0.69 0.00	66.60 -0.13 0.00	72.08 0.17 0.00	63.77 0.75 0.00	64.95 0.11 0.00	59.69 -1.01 0.00	54.58 -1.37 0.00	45.97 -1.69 0.00	40.10 -1.39 0.00
HOWARD_WT_PWR 323690	32.82 0.85 0.00	30.97 0.81 0.00	28.21 0.71 0.00	26.74 0.71 0.00	27.75 0.70 0.00	32.20 0.82 0.00	40.18 0.89 0.00	44.63 1.58 0.00	51.71 2.05 0.00	53.01 1.95 0.00	66.32 2.48 0.00	58.56 2.35 0.00	85.38 3.76 0.00	82.60 4.17 0.00	59.53 2.36 0.00	79.20 1.64 0.00	68.19 1.46 0.00	74.80 2.88 0.00	66.41 3.39 0.00	68.06 3.21 -0.01	62.74 2.04 0.00	57.30 1.34 0.00	48.00 0.34 0.00	41.13 -0.36 0.00
HQ_GEN_CEDARS 23644	32.32 0.35 0.00	30.26 0.09 0.00	27.45 -0.04 0.00	25.96 -0.07 0.00	27.02 -0.03 0.00	31.67 0.28 0.00	39.97 0.68 0.00	43.62 0.56 0.00	50.38 0.72 0.00	51.62 0.55 0.00	64.56 0.71 0.00	57.30 1.10 0.00	83.22 1.61 0.00	79.31 0.87 0.00	57.98 0.81 0.00	78.59 1.03 0.00	67.53 0.80 0.00	72.08 0.16 0.00	63.18 0.16 0.00	65.47 0.62 0.00	61.94 1.24 0.00	57.21 1.25 0.00	48.92 1.26 0.00	42.67 1.18 0.00
HQ_GEN_CEDARS_PROXY 323590	32.32 0.35 0.00	30.26 0.09 0.00	27.45 -0.04 0.00	25.96 -0.07 0.00	27.02 -0.03 0.00	31.33 0.28 0.33	39.97 0.68 0.00	43.62 0.56 0.00	50.38 0.72 0.00	51.62 0.55 0.00	64.56 0.71 0.00	57.31 1.10 0.00	83.22 1.61 0.00	79.31 0.87 0.00	57.98 0.81 0.00	78.59 1.03 0.00	67.53 0.80 0.00	72.08 0.16 0.00	63.18 0.16 0.00	64.28 0.62 1.18	61.94 1.24 0.00	57.57 1.25 -0.36	48.92 1.26 0.00	42.67 1.18 0.00

HQ_GEN_IMPORT 323601	32.02 0.05 0.00	30.01 -0.16 0.00	27.28 -0.21 0.00	25.81 -0.22 0.00	26.83 -0.22 0.00	31.32 -0.02 0.04	40.96 0.23 -1.45	43.10 0.05 0.00	49.88 0.23 0.00	50.61 0.08 0.53	64.07 0.22 0.00	56.62 0.41 0.00	82.22 0.60 0.00	78.81 0.38 0.00	55.90 0.35 1.62	78.01 0.45 0.00	67.06 0.33 0.00	71.74 -0.17 0.00	62.76 -0.26 0.00	65.57 0.00 -0.72	61.20 0.50 0.00	56.47 0.51 0.00	48.09 0.43 0.00	41.92 0.43 0.00
HQ_GEN_WHEEL 23651	32.02 0.05 0.00	30.01 -0.16 0.00	27.28 -0.21 0.00	25.81 -0.22 0.00	26.83 -0.22 0.00	31.32 -0.02 0.04	40.96 0.23 -1.45	43.10 0.05 0.00	49.88 0.23 0.00	50.61 0.08 0.53	64.07 0.22 0.00	56.62 0.41 0.00	82.22 0.60 0.00	78.81 0.38 0.00	55.90 0.35 1.62	78.01 0.45 0.00	67.06 0.33 0.00	71.74 -0.17 0.00	62.76 -0.26 0.00	65.57 0.00 -0.72	61.20 0.50 0.00	56.47 0.51 0.00	48.09 0.43 0.00	41.92 0.43 0.00
HUDSON AVE_GT_3 23810	33.01 1.04 0.00	31.39 1.22 0.00	28.76 1.26 0.00	27.32 1.29 0.00	28.33 1.27 0.00	32.55 1.16 0.00	40.70 1.42 0.00	45.15 2.10 0.00	51.54 1.88 0.00	53.41 2.34 0.00	66.62 2.77 0.00	58.23 2.02 0.00	84.40 2.79 0.00	81.90 3.47 0.00	148.93 2.27 -89.50	87.09 3.66 -5.87	72.51 3.50 -2.27	76.74 4.58 -0.24	66.85 3.84 0.00	67.96 3.11 0.00	62.67 1.97 0.00	57.74 1.79 0.00	49.32 1.66 0.00	43.11 1.62 0.00
HUDSON AVE_GT_4 23540	33.01 1.04 0.00	31.39 1.22 0.00	28.76 1.26 0.00	27.32 1.29 0.00	28.33 1.27 0.00	32.55 1.16 0.00	40.70 1.42 0.00	45.15 2.10 0.00	51.54 1.88 0.00	53.41 2.34 0.00	66.62 2.77 0.00	58.23 2.02 0.00	84.40 2.79 0.00	81.90 3.47 0.00	148.93 2.27 -89.50	87.09 3.66 -5.87	72.51 3.50 -2.27	76.74 4.58 -0.24	66.85 3.84 0.00	67.96 3.11 0.00	62.67 1.97 0.00	57.74 1.79 0.00	49.32 1.66 0.00	43.11 1.62 0.00
HUDSON AVE_GT_5 23657	33.01 1.04 0.00	31.39 1.22 0.00	28.76 1.26 0.00	27.32 1.29 0.00	28.33 1.27 0.00	32.55 1.16 0.00	40.70 1.42 0.00	45.15 2.10 0.00	51.54 1.88 0.00	53.41 2.34 0.00	66.62 2.77 0.00	58.23 2.02 0.00	84.40 2.79 0.00	81.90 3.47 0.00	148.93 2.27 -89.50	87.09 3.66 -5.87	72.51 3.50 -2.27	76.74 4.58 -0.24	66.85 3.84 0.00	67.96 3.11 0.00	62.67 1.97 0.00	57.74 1.79 0.00	49.32 1.66 0.00	43.11 1.62 0.00
HUDSON_AVE_10 24168	32.83 0.86 0.01	31.21 1.05 0.01	28.59 1.11 0.01	27.17 1.14 0.01	28.17 1.13 0.01	32.36 0.98 0.01	40.49 1.20 0.00	44.89 1.84 0.00	51.22 1.58 0.01	53.08 2.03 0.01	66.23 2.38 0.00	57.88 1.68 0.00	83.87 2.25 0.00	81.39 2.96 0.00	148.56 1.90 -89.50	86.62 3.19 -5.87	72.13 3.12 -2.27	76.35 4.20 -0.24	67.14 3.50 -0.63	67.62 2.78 0.00	62.46 1.63 -0.13	58.38 1.48 -0.94	49.67 1.39 -0.62	42.88 1.39 0.00
HUDSON___115KV_TB 4 355613	32.63 0.66 0.00	31.07 0.91 0.00	28.46 0.97 0.00	26.95 0.92 0.00	27.95 0.90 0.00	32.18 0.79 0.00	40.06 0.78 0.00	44.03 0.97 0.00	50.53 0.88 0.00	52.27 1.21 0.00	65.08 1.24 0.00	56.83 0.62 0.00	82.48 0.87 0.00	79.23 0.80 0.00	21.10 0.62 36.68	75.88 0.73 2.41	66.51 0.71 0.93	73.16 1.34 0.10	64.44 1.42 0.00	66.67 1.82 0.00	62.02 1.32 0.00	57.22 1.26 0.00	48.80 1.14 0.00	42.48 0.99 0.00
HUNTER MOUNT___DRP 323613	32.77 0.80 0.00	31.20 1.04 0.00	28.57 1.08 0.00	27.05 1.02 0.00	28.06 1.01 0.00	32.31 0.92 0.00	40.24 0.96 0.00	44.22 1.17 0.00	50.81 1.15 0.00	52.53 1.47 0.00	65.36 1.51 0.00	57.07 0.86 0.00	82.87 1.26 0.00	79.51 1.08 0.00	38.75 0.91 19.33	77.42 1.12 1.27	67.20 0.96 0.49	73.41 1.55 0.05	64.59 1.57 0.00	66.95 2.11 0.00	62.32 1.62 0.00	57.51 1.55 0.00	49.02 1.36 0.00	42.64 1.15 0.00
HUNTINGTON_RES_REC 323705	32.91 0.94 0.00	32.37 1.26 -0.94	28.86 1.36 0.00	27.54 1.50 0.00	28.56 1.50 -0.01	32.67 1.28 -0.01	40.32 1.03 0.00	44.69 1.64 0.00	51.02 1.36 0.00	55.01 1.93 -2.02	65.70 1.86 0.00	57.02 0.81 0.00	57.28 0.38 24.71	41.10 1.34 38.67	41.76 0.75 16.15	30.21 1.59 48.95	66.72 1.84 1.85	75.48 3.32 -0.24	64.94 3.01 1.08	66.84 1.99 0.00	61.31 0.82 0.22	54.71 0.58 1.82	43.16 0.68 5.18	42.42 0.93 0.00
HUNTLEY___63 23557	33.09 1.12 0.00	31.04 0.88 0.00	28.04 0.54 0.00	26.44 0.41 0.00	27.43 0.38 0.00	31.88 0.49 0.00	39.80 0.52 0.00	44.07 1.02 0.00	51.35 1.70 0.00	52.91 1.84 0.00	65.95 2.11 0.00	58.53 2.33 0.00	85.33 3.72 0.00	82.82 4.39 0.00	60.18 3.01 0.00	79.53 1.97 0.00	67.57 0.84 0.00	73.41 1.50 0.00	64.59 1.57 0.00	65.82 0.97 0.00	60.66 -0.04 0.00	55.39 -0.57 0.00	46.68 -0.98 0.00	40.21 -1.29 0.00
HUNTLEY___64 23558	33.09 1.12 0.00	31.04 0.88 0.00	28.04 0.54 0.00	26.44 0.41 0.00	27.43 0.38 0.00	31.88 0.49 0.00	39.80 0.52 0.00	44.07 1.02 0.00	51.35 1.70 0.00	52.91 1.84 0.00	65.95 2.11 0.00	58.53 2.33 0.00	85.33 3.72 0.00	82.82 4.39 0.00	60.18 3.01 0.00	79.53 1.97 0.00	67.57 0.84 0.00	73.41 1.50 0.00	64.59 1.57 0.00	65.82 0.97 0.00	60.66 -0.04 0.00	55.39 -0.57 0.00	46.68 -0.98 0.00	40.21 -1.29 0.00
HUNTLEY___65 23559	33.09 1.12 0.00	31.04 0.88 0.00	28.04 0.54 0.00	26.44 0.41 0.00	27.43 0.38 0.00	31.88 0.49 0.00	39.80 0.52 0.00	44.07 1.02 0.00	51.35 1.70 0.00	52.91 1.84 0.00	65.95 2.11 0.00	58.53 2.33 0.00	85.33 3.72 0.00	82.82 4.39 0.00	60.18 3.01 0.00	79.53 1.97 0.00	67.57 0.84 0.00	73.41 1.50 0.00	64.59 1.57 0.00	65.82 0.97 0.00	60.66 -0.04 0.00	55.39 -0.57 0.00	46.68 -0.98 0.00	40.21 -1.29 0.00
HUNTLEY___66 23560	33.09 1.12 0.00	31.04 0.88 0.00	28.04 0.54 0.00	26.44 0.41 0.00	27.43 0.38 0.00	31.88 0.49 0.00	39.80 0.52 0.00	44.07 1.02 0.00	51.35 1.70 0.00	52.91 1.84 0.00	65.95 2.11 0.00	58.53 2.33 0.00	85.33 3.72 0.00	82.82 4.39 0.00	60.18 3.01 0.00	79.53 1.97 0.00	67.57 0.84 0.00	73.41 1.50 0.00	64.59 1.57 0.00	65.82 0.97 0.00	60.66 -0.04 0.00	55.39 -0.57 0.00	46.68 -0.98 0.00	40.21 -1.29 0.00
HUNTLEY___67 23561	32.80 0.83 0.00	30.79 0.63 0.00	27.83 0.33 0.00	26.26 0.23 0.00	27.26 0.21 0.00	31.67 0.28 0.00	39.57 0.28 0.00	43.79 0.73 0.00	51.00 1.35 0.00	52.48 1.42 0.00	65.42 1.57 0.00	58.06 1.85 0.00	84.57 2.96 0.00	82.02 3.59 0.00	59.54 2.38 0.00	78.74 1.18 0.00	67.01 0.28 0.00	72.76 0.85 0.00	63.96 0.94 0.00	65.21 0.36 0.00	60.12 -0.58 0.00	54.91 -1.05 0.00	46.28 -1.38 0.00	39.90 -1.59 0.00
HUNTLEY___68 23562	32.80 0.83 0.00	30.79 0.63 0.00	27.83 0.33 0.00	26.26 0.23 0.00	27.26 0.21 0.00	31.67 0.28 0.00	39.57 0.28 0.00	43.79 0.73 0.00	51.00 1.35 0.00	52.48 1.42 0.00	65.42 1.57 0.00	58.06 1.85 0.00	84.57 2.96 0.00	82.02 3.59 0.00	59.54 2.38 0.00	78.74 1.18 0.00	67.01 0.28 0.00	72.76 0.85 0.00	63.96 0.94 0.00	65.21 0.36 0.00	60.12 -0.58 0.00	54.91 -1.05 0.00	46.28 -1.38 0.00	39.90 -1.59 0.00

HYLAND___LFGE 323620	34.37 2.40 0.00	32.33 2.17 0.00	29.34 1.85 0.00	27.76 1.72 0.00	28.85 1.80 0.00	33.54 2.15 0.00	41.89 2.60 0.00	45.67 2.62 0.00	51.41 1.76 0.00	52.25 1.18 0.00	65.26 1.42 0.00	57.91 1.70 0.00	84.32 2.70 0.00	81.98 3.55 0.00	59.63 2.47 0.00	79.17 1.61 0.00	67.58 0.85 0.00	73.13 1.22 0.00	66.29 3.28 0.00	68.73 3.89 0.00	63.65 2.95 0.00	58.18 2.23 0.00	48.89 1.23 0.00	42.85 1.36 0.00
INDECK___CORINTH 23802	32.72 0.76 0.00	31.20 1.04 0.00	28.59 1.09 0.00	27.01 0.98 0.00	28.07 1.02 0.00	32.13 0.75 0.00	40.18 0.90 0.00	44.12 1.07 0.00	50.50 0.84 0.00	52.13 1.07 0.00	64.81 0.96 0.00	56.61 0.40 0.00	81.93 0.32 0.00	78.59 0.16 0.00	-7.01 -0.04 64.13	73.36 0.01 4.21	65.44 0.33 1.63	72.92 1.18 0.17	64.36 1.35 0.00	66.46 1.62 0.00	61.86 1.16 0.00	57.02 1.07 0.00	48.66 1.00 0.00	42.73 1.24 0.00
INDECK___ILION 23567	31.94 -0.03 0.00	30.36 0.20 0.00	27.78 0.28 0.00	26.30 0.27 0.00	27.32 0.27 0.00	31.51 0.12 0.00	39.29 0.01 0.00	43.19 0.14 0.00	49.62 -0.03 0.00	51.11 0.04 0.00	63.82 -0.03 0.00	55.90 -0.31 0.00	81.05 -0.57 0.00	77.76 -0.67 0.00	56.56 -0.60 0.00	76.89 -0.67 0.00	66.23 -0.50 0.00	72.05 0.14 0.00	63.51 0.50 0.00	65.45 0.61 0.00	60.94 0.24 0.00	56.13 0.18 0.00	47.85 0.19 0.00	41.64 0.15 0.00
INDECK___OLEAN 23982	33.23 1.27 0.00	31.44 1.28 0.00	28.55 1.06 0.00	27.02 0.99 0.00	28.06 1.01 0.00	32.53 1.14 0.00	40.72 1.44 0.00	45.21 2.16 0.00	52.36 2.71 0.00	53.45 2.38 0.00	66.25 2.40 0.00	57.91 1.70 0.00	84.07 2.46 0.00	81.32 2.89 0.00	58.81 1.64 0.00	78.26 0.69 0.00	66.60 -0.13 0.00	72.08 0.17 0.00	63.77 0.76 0.00	64.95 0.11 0.00	59.69 -1.01 0.00	54.59 -1.36 0.00	45.99 -1.67 0.00	40.10 -1.39 0.00
INDECK___OSWEGO 23783	31.45 -0.52 0.00	29.72 -0.44 0.00	27.05 -0.44 0.00	25.60 -0.43 0.00	26.72 -0.33 0.00	30.93 -0.46 0.00	38.52 -0.76 0.00	42.32 -0.73 0.00	48.77 -0.88 0.00	50.15 -0.91 0.00	62.61 -1.24 0.00	55.01 -1.19 0.00	79.50 -2.11 0.00	76.31 -2.12 0.00	55.61 -1.56 0.00	75.41 -2.15 0.00	64.98 -1.75 0.00	70.33 -1.62 -0.03	61.71 -1.30 0.00	63.43 -1.47 -0.06	59.11 -1.60 0.00	54.47 -1.49 -0.01	46.52 -1.14 0.00	40.47 -1.02 0.00
INDECK___YERKES 23781	33.12 1.15 0.00	31.07 0.91 0.00	28.07 0.57 0.00	26.47 0.43 0.00	27.46 0.41 0.00	31.91 0.52 0.00	39.84 0.56 0.00	44.11 1.06 0.00	51.41 1.76 0.00	52.97 1.90 0.00	66.04 2.20 0.00	58.59 2.39 0.00	85.43 3.82 0.00	82.91 4.48 0.00	60.25 3.08 0.00	79.61 2.05 0.00	67.64 0.91 0.00	73.49 1.57 0.00	64.65 1.64 0.00	65.88 1.04 0.00	60.73 0.03 0.00	55.45 -0.51 0.00	46.75 -0.91 0.00	40.25 -1.24 0.00
INDIAN POINT_GT_1 24139	32.83 0.86 0.00	31.22 1.06 0.00	28.62 1.12 0.00	27.18 1.15 0.00	28.17 1.12 0.00	32.39 1.00 0.00	40.43 1.14 0.00	44.78 1.72 0.00	51.15 1.50 0.00	52.95 1.88 0.00	66.06 2.21 0.00	57.81 1.60 0.00	83.83 2.22 0.00	81.29 2.86 0.00	147.27 1.80 -88.31	86.30 2.95 -5.79	71.82 2.84 -2.24	76.03 3.88 -0.24	66.33 3.32 0.00	67.57 2.73 0.00	62.38 1.68 0.00	57.51 1.55 0.00	49.11 1.45 0.00	42.85 1.37 0.00
INDIAN POINT_GT_2 23659	32.83 0.86 0.00	31.22 1.06 0.00	28.62 1.12 0.00	27.18 1.15 0.00	28.17 1.12 0.00	32.39 1.00 0.00	40.43 1.14 0.00	44.78 1.72 0.00	51.15 1.50 0.00	52.95 1.88 0.00	66.06 2.21 0.00	57.81 1.60 0.00	83.83 2.22 0.00	81.29 2.86 0.00	147.27 1.80 -88.31	86.30 2.95 -5.79	71.82 2.84 -2.24	76.03 3.88 -0.24	66.33 3.32 0.00	67.57 2.73 0.00	62.38 1.68 0.00	57.51 1.55 0.00	49.11 1.45 0.00	42.85 1.37 0.00
INDIAN POINT_GT_3 24019	32.83 0.86 0.00	31.22 1.06 0.00	28.62 1.12 0.00	27.18 1.15 0.00	28.17 1.12 0.00	32.39 1.00 0.00	40.43 1.14 0.00	44.78 1.72 0.00	51.15 1.50 0.00	52.95 1.88 0.00	66.06 2.21 0.00	57.81 1.60 0.00	83.83 2.22 0.00	81.29 2.86 0.00	147.27 1.80 -88.31	86.30 2.95 -5.79	71.82 2.84 -2.24	76.03 3.88 -0.24	66.33 3.32 0.00	67.57 2.73 0.00	62.38 1.68 0.00	57.51 1.55 0.00	49.11 1.45 0.00	42.85 1.37 0.00
INDIAN POINT___2 23530	32.82 0.85 0.00	31.21 1.05 0.00	28.61 1.11 0.00	27.17 1.13 0.00	28.16 1.11 0.00	32.37 0.98 0.00	40.42 1.13 0.00	44.77 1.72 0.00	51.13 1.48 0.00	52.92 1.86 0.00	66.02 2.17 0.00	57.80 1.59 0.00	83.83 2.22 0.00	81.31 2.88 0.00	145.31 1.81 -86.33	86.17 2.94 -5.66	71.76 2.83 -2.19	76.01 3.86 -0.23	66.30 3.28 0.00	67.52 2.67 0.00	62.35 1.65 0.00	57.47 1.52 0.00	49.08 1.42 0.00	42.85 1.36 0.00
INDIAN POINT___3 23531	32.82 0.85 0.00	31.22 1.06 0.00	28.61 1.11 0.00	27.17 1.13 0.00	28.16 1.11 0.00	32.36 0.97 0.00	40.40 1.12 0.00	44.75 1.70 0.00	51.12 1.46 0.00	52.90 1.84 0.00	66.01 2.17 0.00	57.78 1.57 0.00	83.80 2.19 0.00	81.25 2.82 0.00	147.34 1.78 -88.40	86.24 2.88 -5.80	71.77 2.79 -2.25	75.95 3.79 -0.24	66.25 3.24 0.00	67.50 2.66 0.00	62.32 1.62 0.00	57.46 1.50 0.00	49.08 1.41 0.00	42.82 1.33 0.00
INGHAM_C_115KV_TB7 356103	31.77 -0.20 0.00	30.41 0.25 0.00	27.93 0.43 0.00	26.43 0.40 0.00	27.44 0.39 0.00	31.49 0.10 0.00	39.11 -0.17 0.00	43.08 0.03 0.00	49.30 -0.36 0.00	50.80 -0.26 0.00	63.39 -0.46 0.00	55.21 -1.00 0.00	79.89 -1.73 0.00	76.36 -2.07 0.00	55.39 -1.78 0.00	75.41 -2.15 0.00	65.02 -1.71 0.00	71.40 -0.52 0.00	63.42 0.41 0.00	65.62 0.78 0.00	60.91 0.21 0.00	56.05 0.09 0.00	47.83 0.17 0.00	41.64 0.15 0.00
IP CORINTH___1 23988	32.90 0.93 0.00	31.37 1.20 0.00	28.74 1.25 0.00	27.15 1.12 0.00	28.21 1.16 0.00	32.30 0.91 0.00	40.38 1.09 0.00	44.34 1.29 0.00	50.80 1.14 0.00	52.44 1.38 0.00	65.19 1.35 0.00	56.95 0.74 0.00	82.42 0.81 0.00	79.06 0.63 0.00	-6.66 0.31 64.13	73.82 0.48 4.21	65.82 0.72 1.63	73.35 1.61 0.17	64.74 1.73 0.00	66.84 2.00 0.00	62.21 1.51 0.00	57.35 1.40 0.00	48.95 1.29 0.00	42.94 1.45 0.00
IP___TICONDEROGA 23804	35.60 3.63 0.00	33.89 3.73 0.00	31.24 3.74 0.00	29.32 3.29 0.00	30.44 3.39 0.00	35.15 3.76 0.00	44.17 4.88 0.00	48.31 5.25 0.00	55.16 5.50 0.00	56.69 5.63 0.00	70.16 6.31 0.00	60.19 3.98 0.00	86.30 4.68 0.00	82.36 3.93 0.00	-4.63 2.34 64.13	77.08 3.79 4.26	69.27 4.16 1.63	77.14 5.40 0.17	67.94 4.93 0.00	71.03 6.19 0.00	66.79 6.09 0.00	61.82 5.86 0.00	53.08 5.42 0.00	46.24 4.75 0.00
ISLIP_RES_REC 323679	33.15 1.18 0.00	32.62 1.51 -0.94	29.11 1.61 0.00	27.79 1.76 0.00	28.84 1.78 -0.01	32.98 1.59 -0.01	40.63 1.35 0.00	45.10 2.05 0.00	51.49 1.83 0.00	55.52 2.44 -2.02	66.26 2.42 0.00	57.53 1.32 0.00	58.06 1.09 24.64	41.97 2.11 38.56	42.59 1.22 15.79	31.40 2.47 48.63	67.56 2.67 1.84	76.44 4.29 -0.24	65.94 4.00 1.07	67.72 2.88 0.00	62.11 1.63 0.21	55.53 1.38 1.81	43.82 1.32 5.16	42.91 1.42 0.00

JAMAICA__27_KV_LOAD 355505	32.87 0.90 0.01	31.25 1.10 0.01	28.64 1.15 0.01	27.20 1.18 0.01	28.20 1.15 0.01	32.41 1.03 0.01	40.53 1.24 0.00	44.94 1.89 0.00	51.25 1.60 0.01	53.09 2.03 0.01	66.26 2.41 0.00	57.92 1.72 0.00	83.84 2.23 0.00	81.35 2.92 0.00	148.56 1.89 -89.50	86.70 3.27 -5.87	72.28 3.28 -2.27	76.59 4.44 -0.24	67.55 3.74 -0.79	67.86 3.01 0.00	62.68 1.82 -0.16	58.82 1.68 -1.18	49.95 1.51 -0.78	42.96 1.48 0.00
JANIS__SOLAR 323808	33.50 1.53 0.00	31.71 1.55 0.00	28.93 1.44 0.00	27.47 1.44 0.00	28.43 1.38 0.00	33.04 1.65 0.00	41.33 2.04 0.00	45.71 2.66 0.00	52.72 3.07 0.00	53.89 2.82 0.00	67.57 3.72 0.00	59.14 2.93 0.00	85.14 3.53 0.00	81.82 3.39 0.00	59.25 2.09 0.00	80.15 2.59 0.00	69.51 2.77 0.00	75.91 3.99 -0.01	67.67 4.65 0.00	69.47 4.62 -0.01	64.73 4.03 0.00	59.28 3.32 0.00	50.10 2.44 0.00	43.25 1.76 0.00
JARVIS____ 23743	31.95 -0.02 0.00	30.25 0.08 0.00	27.61 0.11 0.00	26.14 0.10 0.00	27.17 0.11 0.00	31.43 0.04 0.00	39.26 -0.03 0.00	43.10 0.05 0.00	49.61 -0.04 0.00	51.09 0.02 0.00	63.83 -0.02 0.00	56.09 -0.12 0.00	81.44 -0.17 0.00	78.29 -0.14 0.00	57.03 -0.13 0.00	77.45 -0.11 0.00	66.67 -0.06 0.00	72.07 0.15 0.00	63.19 0.17 0.00	64.97 0.12 0.00	60.64 -0.06 0.00	55.91 -0.05 0.00	47.65 -0.01 0.00	41.47 -0.02 0.00
JENNISON____1 23625	33.37 1.40 0.00	31.74 1.58 0.00	28.94 1.44 0.00	27.43 1.40 0.00	28.39 1.34 0.00	33.00 1.61 0.00	41.36 2.08 0.00	45.83 2.78 0.00	52.80 3.15 0.00	54.18 3.12 0.00	67.80 3.95 0.00	59.49 3.28 0.00	86.19 4.58 0.00	83.11 4.67 0.00	60.14 2.98 0.00	81.16 3.60 0.00	70.30 3.57 0.00	76.52 4.60 -0.01	67.74 4.73 0.00	69.59 4.74 -0.01	64.62 3.92 0.00	58.75 2.79 0.00	49.78 2.12 0.00	43.11 1.62 0.00
JENNISON____2 23626	33.37 1.40 0.00	31.74 1.58 0.00	28.94 1.44 0.00	27.43 1.40 0.00	28.39 1.34 0.00	33.00 1.61 0.00	41.36 2.08 0.00	45.83 2.78 0.00	52.80 3.15 0.00	54.18 3.12 0.00	67.80 3.95 0.00	59.49 3.28 0.00	86.19 4.58 0.00	83.11 4.67 0.00	60.14 2.98 0.00	81.16 3.60 0.00	70.30 3.57 0.00	76.52 4.60 -0.01	67.74 4.73 0.00	69.59 4.74 -0.01	64.62 3.92 0.00	58.75 2.79 0.00	49.78 2.12 0.00	43.11 1.62 0.00
JERICOHO_RISE_WT_PWR 323719	31.89 -0.08 0.00	29.81 -0.35 0.00	26.95 -0.55 0.00	25.49 -0.55 0.00	26.60 -0.45 0.00	31.28 -0.11 0.00	39.52 0.24 0.00	43.00 -0.05 0.00	49.70 0.05 0.00	51.05 -0.02 0.00	63.93 0.09 0.00	56.78 0.57 0.00	82.67 1.06 0.00	79.13 0.70 0.00	57.82 0.66 0.00	78.60 1.04 0.00	67.61 0.87 0.00	72.25 0.33 0.00	63.31 0.30 0.00	65.65 0.81 0.00	62.06 1.36 0.00	57.29 1.33 0.00	48.78 1.12 0.00	42.51 1.02 0.00
KATONAH__115KV_46KV_TB4 355592	33.09 1.13 0.00	31.46 1.30 0.00	28.83 1.34 0.00	27.37 1.33 0.00	28.37 1.32 0.00	32.62 1.23 0.00	40.76 1.48 0.00	45.16 2.11 0.00	51.62 1.97 0.00	53.45 2.38 0.00	66.74 2.89 0.00	58.38 2.17 0.00	84.67 3.06 0.00	82.05 3.62 0.00	150.15 2.40 -90.58	87.20 3.70 -5.94	72.54 3.51 -2.30	76.95 4.79 -0.24	67.15 4.14 0.00	68.29 3.45 0.00	62.76 2.06 0.00	57.80 1.85 0.00	49.34 1.68 0.00	43.02 1.54 0.00
KCE_NY_1 323755	33.03 1.06 0.00	31.41 1.25 0.00	28.78 1.28 0.00	27.28 1.24 0.00	28.27 1.22 0.00	32.52 1.13 0.00	40.57 1.28 0.00	44.58 1.53 0.00	51.16 1.51 0.00	52.79 1.72 0.00	65.72 1.87 0.00	57.53 1.33 0.00	83.42 1.80 0.00	80.06 1.63 0.00	-10.42 1.06 68.64	74.56 1.50 4.50	66.58 1.59 1.74	74.14 2.41 0.18	65.28 2.27 0.00	67.22 2.38 0.00	62.64 1.94 0.00	57.74 1.79 0.00	49.20 1.55 0.00	42.95 1.46 0.00
KCE_NY_6_ESR 323823	33.14 1.17 0.00	31.10 0.94 0.00	28.13 0.63 0.00	26.55 0.52 0.00	27.57 0.51 0.00	32.03 0.63 0.00	40.05 0.76 0.00	44.41 1.35 0.00	51.78 2.13 0.00	53.22 2.15 0.00	66.37 2.52 0.00	58.87 2.66 0.00	85.65 4.04 0.00	83.09 4.67 0.00	60.32 3.16 0.00	79.83 2.27 0.00	68.00 1.27 0.00	73.82 1.91 0.00	65.00 1.99 0.00	66.17 1.32 0.00	61.03 0.33 0.00	55.73 -0.22 0.00	46.91 -0.75 0.00	40.39 -1.10 0.00
KEDC_PORT_JEFF_GT2 24210	32.96 0.99 0.00	32.45 1.36 -0.94	28.97 1.47 0.00	27.66 1.63 0.00	28.69 1.64 -0.01	32.81 1.41 -0.01	40.40 1.12 0.00	44.80 1.76 0.00	51.04 1.38 0.00	55.05 1.98 -2.01	65.66 1.81 0.00	56.81 0.60 0.00	57.08 0.33 24.86	41.07 1.56 38.92	40.87 0.83 17.13	29.16 1.55 49.96	66.56 1.70 1.87	75.40 3.24 -0.24	65.00 3.08 1.09	66.81 1.97 0.00	61.29 0.81 0.22	54.91 0.78 1.83	43.42 0.97 5.21	42.64 1.15 0.00
KEDC_PORT_JEFF_GT3 24211	32.96 0.99 0.00	32.45 1.36 -0.94	28.97 1.47 0.00	27.66 1.63 0.00	28.69 1.64 -0.01	32.81 1.41 -0.01	40.40 1.12 0.00	44.80 1.76 0.00	51.04 1.38 0.00	55.05 1.98 -2.01	65.66 1.81 0.00	56.81 0.60 0.00	57.08 0.33 24.86	41.07 1.56 38.92	40.87 0.83 17.13	29.16 1.55 49.96	66.56 1.70 1.87	75.40 3.24 -0.24	65.00 3.08 1.09	66.81 1.97 0.00	61.29 0.81 0.22	54.91 0.78 1.83	43.42 0.97 5.21	42.64 1.15 0.00
KEDC_GLWD_GT4 24219	33.14 1.17 0.00	33.15 1.37 -1.62	28.91 1.42 0.00	27.50 1.46 0.00	28.52 1.46 -0.01	32.74 1.34 -0.01	40.75 1.46 0.00	45.17 2.12 0.00	51.45 1.79 0.00	56.88 2.35 -3.46	66.47 2.62 0.00	58.04 1.83 -0.01	76.12 2.25 7.74	70.06 2.72 11.10	150.60 1.75 -91.68	144.17 3.01 -63.59	70.72 2.99 -1.00	76.40 4.25 -0.24	66.48 3.56 0.09	67.64 2.80 0.00	62.27 1.66 0.09	57.33 1.44 0.06	47.67 1.36 1.36	43.14 1.65 0.00
KEDC_GLWD_GT5 24220	33.14 1.17 0.00	33.15 1.37 -1.62	28.91 1.42 0.00	27.50 1.46 0.00	28.52 1.46 -0.01	32.74 1.34 -0.01	40.75 1.46 0.00	45.17 2.12 0.00	51.45 1.79 0.00	56.88 2.35 -3.46	66.47 2.62 0.00	58.04 1.83 -0.01	76.12 2.25 7.74	70.06 2.72 11.10	150.60 1.75 -91.68	144.17 3.01 -63.59	70.72 2.99 -1.00	76.40 4.25 -0.24	66.48 3.56 0.09	67.64 2.80 0.00	62.27 1.66 0.09	57.33 1.44 0.06	47.67 1.36 1.36	43.14 1.65 0.00
KENSICO____ 23655	32.90 0.93 0.00	31.28 1.12 0.00	28.68 1.18 0.00	27.24 1.20 0.00	28.24 1.18 0.00	32.45 1.06 0.00	40.51 1.22 0.00	44.88 1.83 0.00	51.27 1.61 0.00	53.08 2.02 0.00	66.22 2.38 0.00	57.94 1.74 0.00	84.00 2.38 0.00	81.42 2.99 0.00	148.42 1.91 -89.35	86.52 3.10 -5.86	72.00 3.00 -2.27	76.19 4.04 -0.24	66.44 3.43 0.00	67.65 2.81 0.00	62.46 1.76 0.00	57.57 1.61 0.00	49.16 1.50 0.00	42.92 1.43 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.91 0.93 0.00	31.28 1.12 0.00	28.65 1.16 0.00	27.19 1.16 0.00	28.20 1.15 0.00	32.44 1.05 0.00	40.53 1.24 0.00	45.06 2.01 0.00	51.44 1.78 0.00	53.10 2.03 0.00	66.37 2.52 0.00	57.95 1.75 0.00	84.22 2.61 0.00	81.56 3.13 0.00	123.71 2.02 -64.52	85.21 3.42 -4.23	71.74 3.37 -1.64	76.88 4.79 -0.17	67.08 4.06 0.00	68.30 3.45 0.00	63.15 2.45 0.00	58.19 2.23 0.00	49.60 1.94 0.00	43.16 1.67 0.00

KIAC_JFK_GT1 23816	32.68 0.72 0.01	31.08 0.92 0.01	28.48 0.99 0.01	27.05 1.03 0.01	28.04 1.00 0.01	32.23 0.85 0.01	40.25 0.96 0.00	44.51 1.46 0.00	50.75 1.10 0.01	52.58 1.52 0.01	65.62 1.77 0.00	57.36 1.15 0.00	83.05 1.44 0.00	80.60 2.16 0.00	147.99 1.32 -89.50	85.93 2.50 -5.87	71.58 2.57 -2.27	75.83 3.67 -0.24	66.84 3.03 -0.79	67.14 2.30 0.00	62.02 1.17 -0.16	58.23 1.10 -1.18	49.45 1.01 -0.78	42.55 1.06 0.00
KIAC_JFK_GT2 23817	32.68 0.72 0.01	31.08 0.92 0.01	28.48 0.99 0.01	27.05 1.03 0.01	28.04 1.00 0.01	32.23 0.85 0.01	40.25 0.96 0.00	44.51 1.46 0.00	50.75 1.10 0.01	52.58 1.52 0.01	65.62 1.77 0.00	57.36 1.15 0.00	83.05 1.44 0.00	80.60 2.16 0.00	147.99 1.32 -89.50	85.93 2.50 -5.87	71.58 2.57 -2.27	75.83 3.67 -0.24	66.84 3.03 -0.79	67.14 2.30 0.00	62.02 1.17 -0.16	58.23 1.10 -1.18	49.45 1.01 -0.78	42.55 1.06 0.00
KIAC_JFK____ 323774	32.68 0.72 0.01	31.08 0.92 0.01	28.48 0.99 0.01	27.06 1.03 0.01	28.04 1.00 0.01	32.23 0.85 0.01	40.25 0.96 0.00	44.51 1.45 0.00	50.75 1.10 0.01	52.58 1.52 0.01	65.61 1.77 0.00	57.36 1.15 0.00	83.05 1.44 0.00	80.59 2.16 0.00	147.99 1.33 -89.50	85.94 2.50 -5.87	71.58 2.57 -2.27	75.82 3.67 -0.24	66.83 3.03 -0.79	67.14 2.30 0.00	62.03 1.17 -0.16	58.22 1.09 -1.18	49.43 0.99 -0.78	42.55 1.06 0.00
KINTIGH__24_KV_GSU 356498	32.67 0.70 0.00	30.72 0.55 0.00	27.81 0.31 0.00	26.25 0.22 0.00	27.25 0.20 0.00	31.62 0.23 0.00	39.49 0.20 0.00	43.63 0.57 0.00	50.68 1.02 0.00	52.25 1.18 0.00	65.16 1.32 0.00	57.68 1.48 0.00	84.08 2.47 0.00	81.40 2.97 0.00	59.14 1.97 0.00	78.44 0.88 0.00	66.85 0.11 0.00	72.51 0.60 0.00	63.75 0.73 0.00	65.04 0.20 0.00	60.07 -0.63 0.00	54.95 -1.00 0.00	46.41 -1.26 0.00	40.07 -1.43 0.00
KINTIGH____ 23543	32.64 0.67 0.00	30.69 0.53 0.00	27.80 0.30 0.00	26.23 0.20 0.00	27.23 0.18 0.00	31.60 0.21 0.00	39.45 0.17 0.00	43.59 0.54 0.00	50.65 0.99 0.00	52.20 1.14 0.00	65.12 1.27 0.00	57.65 1.44 0.00	84.00 2.39 0.00	81.34 2.91 0.00	59.09 1.93 0.00	78.38 0.82 0.00	66.81 0.07 0.00	72.46 0.55 0.00	63.71 0.69 0.00	65.02 0.17 0.00	60.03 -0.67 0.00	54.90 -1.06 0.00	46.35 -1.31 0.00	40.04 -1.45 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.48 0.51 0.00	30.38 0.22 0.00	27.44 -0.06 0.00	25.93 -0.10 0.00	27.05 0.00 0.00	31.77 0.37 0.00	40.15 0.86 0.00	43.75 0.70 0.00	50.45 0.80 0.00	51.77 0.71 0.00	64.68 0.83 0.00	57.41 1.21 0.00	83.74 2.12 0.00	80.15 1.72 0.00	58.63 1.46 0.00	79.75 2.19 0.00	68.87 2.14 0.00	73.67 1.76 0.00	64.61 1.59 0.00	66.97 2.13 0.00	63.24 2.54 0.00	58.41 2.45 0.00	49.73 2.07 0.00	43.23 1.74 0.00
LACHUTE____HYDRO 323717	35.59 3.63 0.00	33.89 3.72 0.00	31.24 3.74 0.00	29.32 3.29 0.00	30.44 3.39 0.00	35.15 3.76 0.00	44.17 4.88 0.00	48.30 5.25 0.00	55.16 5.50 0.00	56.69 5.63 0.00	70.16 6.31 0.00	60.19 3.98 0.00	86.29 4.68 0.00	82.35 3.92 0.00	-4.65 2.32 64.13	77.08 3.79 4.26	69.27 4.17 1.63	77.14 5.40 0.17	67.94 4.93 0.00	71.03 6.19 0.00	66.79 6.09 0.00	61.82 5.86 0.00	53.08 5.42 0.00	46.24 4.75 0.00
LAWRNCAY_115KV_TB1 80681	32.42 0.45 0.00	30.37 0.21 0.00	27.56 0.06 0.00	26.07 0.03 0.00	27.16 0.11 0.00	31.87 0.48 0.00	40.26 0.98 0.00	43.96 0.90 0.00	50.66 1.01 0.00	51.85 0.78 0.00	64.77 0.92 0.00	57.47 1.26 0.00	83.46 1.85 0.00	79.47 1.04 0.00	58.11 0.94 0.00	78.67 1.11 0.00	67.57 0.84 0.00	71.85 -0.06 0.00	63.05 0.03 0.00	65.51 0.67 0.00	62.14 1.43 0.00	57.53 1.58 0.00	49.30 1.64 0.00	42.99 1.50 0.00
LEDERLE____ 23769	33.01 1.05 0.00	31.40 1.23 0.00	28.76 1.26 0.00	27.31 1.27 0.00	28.31 1.25 0.00	32.55 1.16 0.00	40.74 1.46 0.00	45.17 2.11 0.00	51.63 1.98 0.00	53.28 2.22 0.00	66.49 2.64 0.00	58.26 2.05 0.00	84.53 2.92 0.00	82.03 3.60 0.00	144.44 2.33 -84.95	86.80 3.67 -5.57	72.36 3.47 -2.16	76.68 4.53 -0.23	66.91 3.90 0.00	68.15 3.31 0.00	62.92 2.21 0.00	58.00 2.04 0.00	49.50 1.85 0.00	43.14 1.65 0.00
LIGHTHSE_115KV_TB6 355974	31.92 -0.05 0.00	30.15 -0.02 0.00	27.49 0.00 0.00	26.08 0.05 0.00	27.23 0.18 0.00	31.56 0.17 0.00	39.43 0.15 0.00	43.43 0.37 0.00	49.97 0.31 0.00	51.18 0.11 0.00	63.85 0.00 0.00	56.07 -0.14 0.00	81.42 -0.19 0.00	78.13 -0.30 0.00	57.12 -0.04 0.00	77.51 -0.05 0.00	66.86 0.13 0.00	72.39 0.45 0.00	63.69 0.67 0.00	65.68 0.81 -0.03	61.43 0.73 0.00	56.64 0.68 0.00	48.15 0.49 0.00	41.71 0.22 0.00
LINDEN COGEN____ 23786	32.77 0.81 0.00	31.17 1.01 0.00	28.57 1.06 0.00	27.13 1.10 0.00	28.12 1.07 0.00	32.33 0.94 0.00	40.42 1.13 0.00	44.84 1.79 0.00	51.15 1.50 0.00	53.00 1.93 0.00	66.05 2.20 0.00	57.73 1.52 0.00	83.54 1.93 0.00	81.07 2.64 0.00	148.33 1.66 -89.50	86.29 2.86 -5.87	71.84 2.83 -2.27	75.99 3.83 -0.24	66.18 3.16 0.00	67.29 2.44 0.00	62.06 1.36 0.00	57.20 1.24 0.00	48.88 1.22 0.00	42.75 1.26 0.00
LINDHRST_69_KV_BK1 356055	33.28 1.32 0.00	32.77 1.56 -1.05	29.13 1.63 0.00	27.75 1.71 0.00	28.77 1.72 -0.01	32.97 1.58 -0.01	40.83 1.55 0.00	45.27 2.22 0.00	51.74 2.08 0.00	55.92 2.61 -2.24	66.61 2.77 0.00	57.98 1.77 0.00	62.05 1.68 21.23	47.80 2.42 33.05	63.63 1.45 -5.02	52.36 2.63 27.84	68.25 2.79 1.26	76.48 4.32 -0.24	65.96 3.90 0.95	67.74 2.89 0.00	62.14 1.71 0.27	56.02 1.53 1.46	44.73 1.49 4.42	43.11 1.62 0.00
LIPA_MISC_IPP 23656	32.72 0.75 0.00	32.27 1.17 -0.93	28.83 1.33 0.00	27.56 1.53 0.00	28.62 1.56 -0.01	32.69 1.30 -0.01	40.14 0.85 0.00	44.51 1.46 0.00	50.73 1.08 0.00	54.70 1.63 -2.00	65.22 1.38 0.00	56.67 0.46 0.00	56.46 -0.18 24.96	40.20 0.86 39.08	39.65 0.24 17.76	28.19 1.24 50.61	66.35 1.51 1.89	75.25 3.09 -0.24	65.00 3.07 1.09	66.77 1.92 0.00	61.27 0.78 0.22	54.76 0.64 1.84	43.21 0.78 5.23	42.42 0.93 0.00
LISF____SOLAR 323691	32.77 0.80 0.00	32.33 1.23 -0.94	28.87 1.38 0.00	27.61 1.57 0.00	28.66 1.60 -0.01	32.75 1.35 -0.01	40.18 0.90 0.00	44.57 1.52 0.00	50.82 1.16 0.00	54.79 1.73 -2.00	65.34 1.49 0.00	56.78 0.57 0.00	56.54 -0.15 24.93	40.30 0.89 39.02	39.91 0.27 17.53	28.51 1.31 50.37	66.46 1.61 1.88	75.39 3.23 -0.24	65.11 3.19 1.09	66.92 2.08 0.00	61.41 0.93 0.22	54.84 0.71 1.84	43.24 0.80 5.22	42.48 1.00 0.00
LITTLE FALLS____HYD 24013	31.77 -0.20 0.00	30.41 0.25 0.00	27.93 0.43 0.00	26.43 0.40 0.00	27.44 0.39 0.00	31.49 0.10 0.00	39.11 -0.17 0.00	43.08 0.03 0.00	49.30 -0.36 0.00	50.80 -0.26 0.00	63.39 -0.46 0.00	55.21 -1.00 0.00	79.89 -1.73 0.00	76.36 -2.07 0.00	55.39 -1.78 0.00	75.41 -2.15 0.00	65.02 -1.71 0.00	71.40 -0.52 0.00	63.42 0.41 0.00	65.62 0.78 0.00	60.91 0.21 0.00	56.05 0.09 0.00	47.83 0.17 0.00	41.64 0.15 0.00

LITTLRIV_115KV_TB1 356100	32.94 0.97 0.00	30.83 0.66 0.00	27.96 0.46 0.00	26.43 0.40 0.00	27.56 0.51 0.00	32.39 1.00 0.00	40.93 1.65 0.00	44.68 1.63 0.00	51.21 1.55 0.00	52.38 1.31 0.00	65.25 1.40 0.00	57.99 1.78 0.00	84.12 2.51 0.00	80.04 1.61 0.00	58.53 1.36 0.00	79.12 1.56 0.00	68.04 1.30 0.00	72.12 0.21 0.00	63.71 0.69 0.00	66.51 1.66 0.00	63.35 2.65 0.00	58.69 2.73 0.00	50.20 2.54 0.00	43.71 2.22 0.00
LI_NEWBRDGE___DRP 323616	32.82 0.86 0.00	32.15 1.12 -0.87	28.71 1.21 0.00	27.35 1.32 0.00	28.36 1.30 -0.01	32.50 1.11 -0.01	40.29 1.01 0.00	44.68 1.63 0.00	51.01 1.36 0.00	54.79 1.87 -1.86	65.80 1.95 0.00	57.37 1.16 0.00	55.58 0.99 27.02	37.77 1.74 42.40	27.76 0.95 30.35	16.25 1.95 63.26	66.56 2.06 2.23	75.52 3.37 -0.24	64.55 2.90 1.36	66.81 1.97 0.00	61.32 0.89 0.27	54.46 0.75 2.25	42.72 0.88 5.81	42.55 1.07 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.91 0.94 0.00	30.87 0.71 0.00	27.90 0.40 0.00	26.29 0.26 0.00	27.30 0.25 0.00	31.72 0.33 0.00	39.60 0.31 0.00	43.74 0.69 0.00	50.90 1.25 0.00	52.42 1.36 0.00	65.34 1.50 0.00	58.01 1.81 0.00	84.53 2.92 0.00	81.83 3.40 0.00	59.51 2.34 0.00	78.61 1.04 0.00	66.83 0.09 0.00	72.56 0.65 0.00	63.85 0.83 0.00	65.10 0.25 0.00	60.05 -0.65 0.00	54.88 -1.08 0.00	46.29 -1.37 0.00	39.97 -1.52 0.00
LOCKPORT___CC1 323769	32.87 0.90 0.00	30.84 0.67 0.00	27.87 0.37 0.00	26.28 0.24 0.00	27.28 0.23 0.00	31.69 0.30 0.00	39.57 0.28 0.00	43.71 0.66 0.00	50.87 1.22 0.00	52.37 1.31 0.00	65.28 1.44 0.00	57.95 1.74 0.00	84.47 2.86 0.00	81.78 3.35 0.00	59.46 2.29 0.00	78.53 0.97 0.00	66.77 0.04 0.00	72.49 0.57 0.00	63.79 0.78 0.00	65.06 0.21 0.00	60.00 -0.70 0.00	54.84 -1.12 0.00	46.26 -1.40 0.00	39.92 -1.57 0.00
LOCKPORT___CC2 323770	32.87 0.90 0.00	30.84 0.67 0.00	27.87 0.37 0.00	26.28 0.24 0.00	27.28 0.23 0.00	31.69 0.30 0.00	39.57 0.28 0.00	43.71 0.66 0.00	50.87 1.22 0.00	52.37 1.31 0.00	65.28 1.44 0.00	57.95 1.74 0.00	84.47 2.86 0.00	81.78 3.35 0.00	59.46 2.29 0.00	78.53 0.97 0.00	66.77 0.04 0.00	72.49 0.57 0.00	63.79 0.78 0.00	65.06 0.21 0.00	60.00 -0.70 0.00	54.84 -1.12 0.00	46.26 -1.40 0.00	39.92 -1.57 0.00
LOCKPORT___CC3 323771	32.87 0.90 0.00	30.84 0.67 0.00	27.87 0.37 0.00	26.28 0.24 0.00	27.28 0.23 0.00	31.69 0.30 0.00	39.57 0.28 0.00	43.71 0.66 0.00	50.87 1.22 0.00	52.37 1.31 0.00	65.28 1.44 0.00	57.95 1.74 0.00	84.47 2.86 0.00	81.78 3.35 0.00	59.46 2.29 0.00	78.53 0.97 0.00	66.77 0.04 0.00	72.49 0.57 0.00	63.79 0.78 0.00	65.06 0.21 0.00	60.00 -0.70 0.00	54.84 -1.12 0.00	46.26 -1.40 0.00	39.92 -1.57 0.00
LOCUSVLY_69_KV_BK2 55797	33.15 1.18 0.00	33.02 1.43 -1.44	28.98 1.48 0.00	27.58 1.54 0.00	28.60 1.54 -0.01	32.80 1.40 -0.01	40.75 1.47 0.00	45.20 2.15 0.00	51.57 1.92 0.00	56.60 2.47 -3.07	66.57 2.73 0.00	58.10 1.89 0.00	71.60 2.21 12.22	62.99 2.94 18.38	122.09 1.86 -63.07	114.35 3.20 -33.58	70.21 3.23 -0.25	76.75 4.60 -0.24	66.42 3.89 0.48	67.87 3.03 0.00	62.39 1.85 0.16	56.86 1.60 0.70	46.71 1.53 2.48	43.14 1.65 0.00
LONG_LAKE_PHOENIX 24014	31.57 -0.41 0.00	29.82 -0.34 0.00	27.16 -0.34 0.00	25.70 -0.34 0.00	26.77 -0.28 0.00	30.95 -0.43 0.00	38.58 -0.71 0.00	42.41 -0.65 0.00	48.92 -0.74 0.00	50.36 -0.70 0.00	62.87 -0.97 0.00	55.32 -0.88 0.00	80.30 -1.31 0.00	77.27 -1.16 0.00	56.31 -0.85 0.00	76.40 -1.16 0.00	65.87 -0.86 0.00	71.30 -0.65 -0.03	62.54 -0.48 0.00	64.14 -0.75 -0.05	59.73 -0.97 0.00	54.95 -1.01 -0.01	46.69 -0.97 0.00	40.51 -0.98 0.00
LOVETT___3 23632	32.80 0.84 0.00	31.20 1.04 0.00	28.59 1.10 0.00	27.15 1.12 0.00	28.15 1.10 0.00	32.36 0.96 0.00	40.39 1.10 0.00	44.73 1.68 0.00	51.09 1.44 0.00	52.88 1.81 0.00	65.98 2.13 0.00	57.76 1.56 0.00	83.80 2.19 0.00	81.26 2.83 0.00	144.81 1.78 -85.86	86.10 2.91 -5.63	71.70 2.78 -2.18	75.94 3.79 -0.23	66.25 3.24 0.00	67.50 2.65 0.00	62.31 1.61 0.00	57.45 1.50 0.00	49.08 1.41 0.00	42.81 1.32 0.00
LOVETT___4 23642	32.80 0.84 0.00	31.20 1.04 0.00	28.59 1.10 0.00	27.15 1.12 0.00	28.15 1.10 0.00	32.36 0.96 0.00	40.39 1.10 0.00	44.73 1.68 0.00	51.09 1.44 0.00	52.88 1.81 0.00	65.98 2.13 0.00	57.76 1.56 0.00	83.80 2.19 0.00	81.26 2.83 0.00	144.81 1.78 -85.86	86.10 2.91 -5.63	71.70 2.78 -2.18	75.94 3.79 -0.23	66.25 3.24 0.00	67.50 2.65 0.00	62.31 1.61 0.00	57.45 1.50 0.00	49.08 1.41 0.00	42.81 1.32 0.00
LOVETT___5 23593	32.80 0.84 0.00	31.20 1.04 0.00	28.59 1.10 0.00	27.15 1.12 0.00	28.15 1.10 0.00	32.36 0.96 0.00	40.39 1.10 0.00	44.73 1.68 0.00	51.09 1.44 0.00	52.88 1.81 0.00	65.98 2.13 0.00	57.76 1.56 0.00	83.80 2.19 0.00	81.26 2.83 0.00	144.81 1.78 -85.86	86.10 2.91 -5.63	71.70 2.78 -2.18	75.94 3.79 -0.23	66.25 3.24 0.00	67.50 2.65 0.00	62.31 1.61 0.00	57.45 1.50 0.00	49.08 1.41 0.00	42.81 1.32 0.00
LOWER RAQUET___HYD 24057	32.45 0.48 0.00	30.40 0.24 0.00	27.59 0.09 0.00	26.10 0.07 0.00	27.21 0.16 0.00	31.94 0.55 0.00	40.36 1.08 0.00	44.07 1.02 0.00	50.75 1.10 0.00	51.91 0.84 0.00	64.83 0.98 0.00	57.53 1.32 0.00	83.54 1.93 0.00	79.54 1.11 0.00	58.14 0.97 0.00	78.69 1.13 0.00	67.59 0.86 0.00	71.78 -0.13 0.00	63.02 0.00 0.00	65.53 0.68 0.00	62.19 1.49 0.00	57.65 1.69 0.00	49.43 1.77 0.00	43.08 1.59 0.00
LOWER___HUDSON 24059	32.56 0.59 0.00	31.00 0.84 0.00	28.43 0.93 0.00	26.89 0.86 0.00	27.90 0.84 0.00	32.07 0.68 0.00	39.90 0.61 0.00	43.86 0.81 0.00	50.33 0.67 0.00	51.98 0.92 0.00	64.69 0.85 0.00	56.60 0.40 0.00	82.14 0.53 0.00	78.84 0.41 0.00	-33.31 -0.16 90.63	72.05 0.44 5.94	64.88 0.46 2.30	72.75 1.08 0.24	63.98 0.96 0.00	65.87 1.02 0.00	61.22 0.52 0.00	56.50 0.55 0.00	48.34 0.68 0.00	42.23 0.74 0.00
LOWVILLE_115KV_TB2 356335	32.22 0.24 0.00	30.48 0.32 0.00	27.86 0.36 0.00	26.54 0.50 0.00	27.86 0.81 0.00	32.47 1.08 0.00	40.82 1.53 0.00	44.99 1.93 0.00	51.74 2.09 0.00	52.70 1.64 0.00	65.64 1.79 0.00	57.43 1.22 0.00	83.36 1.75 0.00	79.80 1.36 0.00	58.47 1.30 0.00	79.67 2.11 0.00	68.77 2.04 0.00	74.49 2.57 -0.01	65.91 2.89 0.00	68.38 3.52 -0.01	64.29 3.59 0.00	59.32 3.36 0.00	50.43 2.77 0.00	43.63 2.14 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.00 1.04 0.00	31.40 1.24 0.00	28.76 1.26 0.00	27.23 1.19 0.00	28.26 1.21 0.00	32.50 1.11 0.00	40.53 1.24 0.00	44.54 1.49 0.00	51.11 1.46 0.00	52.75 1.69 0.00	65.70 1.85 0.00	57.48 1.27 0.00	83.35 1.74 0.00	80.00 1.57 0.00	-10.46 1.02 68.64	74.50 1.44 4.50	66.50 1.51 1.74	74.00 2.27 0.18	65.22 2.20 0.00	67.19 2.34 0.00	62.52 1.82 0.00	57.64 1.69 0.00	49.18 1.52 0.00	42.93 1.44 0.00

LUTHERNY_35_KV_BK2 355980	33.03 1.06 0.00	31.41 1.25 0.00	28.78 1.28 0.00	27.28 1.24 0.00	28.27 1.22 0.00	32.52 1.13 0.00	40.57 1.28 0.00	44.58 1.53 0.00	51.16 1.51 0.00	52.79 1.72 0.00	65.72 1.87 0.00	57.53 1.33 0.00	83.42 1.81 0.00	80.06 1.63 0.00	-10.41 1.07 68.64	74.56 1.51 4.50	66.58 1.59 1.74	74.14 2.41 0.18	65.29 2.28 0.00	67.22 2.38 0.00	62.64 1.94 0.00	57.75 1.79 0.00	49.21 1.55 0.00	42.95 1.46 0.00
LWR___OSWEGATCHIE_HYD 23850	32.33 0.36 0.00	30.43 0.27 0.00	27.71 0.21 0.00	26.30 0.27 0.00	27.52 0.47 0.00	32.18 0.79 0.00	40.54 1.26 0.00	44.50 1.45 0.00	51.19 1.53 0.00	52.18 1.11 0.00	65.05 1.21 0.00	57.31 1.10 0.00	83.28 1.67 0.00	79.44 1.01 0.00	58.17 1.01 0.00	78.96 1.40 0.00	68.00 1.26 0.00	72.94 1.01 -0.01	64.32 1.31 0.00	66.86 2.01 -0.01	63.18 2.48 0.00	58.42 2.46 0.00	49.93 2.27 0.00	43.34 1.85 0.00
LYONS_FALL_HYD 23570	32.38 0.41 0.00	30.63 0.47 0.00	27.98 0.48 0.00	26.60 0.56 0.00	27.82 0.76 0.00	32.35 0.96 0.00	40.56 1.27 0.00	44.66 1.61 0.00	51.43 1.77 0.00	52.60 1.54 0.00	65.60 1.76 0.00	57.48 1.27 0.00	83.45 1.83 0.00	79.99 1.56 0.00	58.52 1.35 0.00	79.63 2.07 0.00	68.78 2.05 0.00	74.48 2.56 0.00	65.72 2.71 0.00	67.92 3.07 -0.01	63.69 2.99 0.00	58.72 2.76 0.00	49.91 2.26 0.00	43.21 1.72 0.00
MADISON___COUNTY_LFGE 323628	32.88 0.91 0.00	31.09 0.93 0.00	28.36 0.86 0.00	26.90 0.87 0.00	27.96 0.91 0.00	32.44 1.05 0.00	40.47 1.18 0.00	44.49 1.44 0.00	51.39 1.73 0.00	52.83 1.76 0.00	66.02 2.17 0.00	57.97 1.76 0.00	84.05 2.44 0.00	80.68 2.25 0.00	58.86 1.69 0.00	79.98 2.42 0.00	69.25 2.52 0.00	75.14 3.22 -0.01	66.14 3.13 0.00	67.87 3.02 -0.01	63.38 2.68 0.00	58.32 2.36 0.00	49.48 1.82 0.00	42.84 1.35 0.00
MALONE___115KV_TB1 356076	32.34 0.38 0.00	30.25 0.09 0.00	27.35 -0.14 0.00	25.87 -0.16 0.00	26.99 -0.06 0.00	31.73 0.34 0.00	40.16 0.87 0.00	43.72 0.67 0.00	50.46 0.81 0.00	51.77 0.71 0.00	64.81 0.96 0.00	57.50 1.29 0.00	83.75 2.13 0.00	80.11 1.68 0.00	58.52 1.35 0.00	79.52 1.96 0.00	68.32 1.59 0.00	72.92 1.00 0.00	64.08 1.06 0.00	66.54 1.70 0.00	63.02 2.32 0.00	58.22 2.26 0.00	49.60 1.94 0.00	43.17 1.68 0.00
MAPLEWOD_115KV_TB3 80458	32.39 0.43 0.00	30.86 0.70 0.00	28.28 0.78 0.00	26.77 0.73 0.00	27.76 0.71 0.00	31.93 0.54 0.00	39.73 0.44 0.00	43.70 0.65 0.00	50.19 0.53 0.00	51.84 0.78 0.00	64.60 0.75 0.00	56.57 0.36 0.00	82.09 0.48 0.00	78.95 0.52 0.00	-6.47 0.28 63.92	73.93 0.56 4.19	65.75 0.64 1.62	72.93 1.19 0.17	64.10 1.08 0.00	65.91 1.07 0.00	61.22 0.52 0.00	56.48 0.52 0.00	48.29 0.63 0.00	42.11 0.62 0.00
MAPLE_RIDGE_WT_1 323574	31.60 -0.37 0.00	29.82 -0.34 0.00	27.19 -0.30 0.00	25.83 -0.21 0.00	26.91 -0.14 0.00	31.25 -0.14 0.00	39.24 -0.05 0.00	43.01 -0.05 0.00	49.61 -0.05 0.00	50.99 -0.08 0.00	63.69 -0.16 0.00	56.02 -0.18 0.00	81.35 -0.27 0.00	78.20 -0.23 0.00	57.10 -0.07 0.00	77.55 -0.01 0.00	66.67 -0.06 0.00	71.73 -0.18 0.00	62.92 -0.10 0.00	64.90 0.05 0.00	60.82 0.12 0.00	56.08 0.13 0.00	47.76 0.10 0.00	41.61 0.12 0.00
MAPLE_RIDGE_WT_2 323611	31.60 -0.37 0.00	29.82 -0.34 0.00	27.19 -0.30 0.00	25.83 -0.21 0.00	26.91 -0.14 0.00	31.25 -0.14 0.00	39.24 -0.05 0.00	43.01 -0.05 0.00	49.61 -0.05 0.00	50.99 -0.08 0.00	63.69 -0.16 0.00	56.02 -0.18 0.00	81.35 -0.27 0.00	78.20 -0.23 0.00	57.10 -0.07 0.00	77.55 -0.01 0.00	66.67 -0.06 0.00	71.73 -0.18 0.00	62.92 -0.10 0.00	64.90 0.05 0.00	60.82 0.12 0.00	56.08 0.13 0.00	47.76 0.10 0.00	41.61 0.12 0.00
MARBLE_RIVER_WT_PWR 323696	31.99 0.01 0.00	29.93 -0.23 0.00	27.05 -0.44 0.00	25.58 -0.45 0.00	26.69 -0.36 0.00	31.35 -0.04 0.00	39.59 0.30 0.00	43.10 0.04 0.00	49.81 0.15 0.00	51.16 0.09 0.00	64.05 0.20 0.00	56.86 0.65 0.00	82.79 1.18 0.00	79.24 0.80 0.00	57.90 0.73 0.00	78.77 1.21 0.00	67.76 1.03 0.00	72.46 0.55 0.00	63.49 0.47 0.00	65.80 0.95 0.00	62.14 1.43 0.00	57.36 1.41 0.00	48.87 1.21 0.00	42.56 1.07 0.00
MARSHVLE_115KV_TB1 80742	33.76 1.79 0.00	31.77 1.61 0.00	28.85 1.36 0.00	27.39 1.36 0.00	28.48 1.43 0.00	33.16 1.77 0.00	41.75 2.46 0.00	45.72 2.67 0.00	52.77 3.12 0.00	54.14 3.08 0.00	67.48 3.63 0.00	59.39 3.18 0.00	86.32 4.71 0.00	82.39 3.96 0.00	22.92 3.21 37.46	78.57 3.46 2.46	68.94 3.16 0.95	75.59 3.77 0.10	66.97 3.96 0.00	69.60 4.76 0.00	65.16 4.46 0.00	59.99 4.03 0.00	50.93 3.26 0.00	44.13 2.64 0.00
MARSH_HILL_WT_PWR 323713	32.77 0.80 0.00	30.93 0.77 0.00	28.17 0.67 0.00	26.71 0.68 0.00	27.72 0.67 0.00	32.15 0.76 0.00	40.11 0.83 0.00	44.52 1.46 0.00	51.56 1.91 0.00	52.87 1.81 0.00	66.14 2.29 0.00	58.41 2.21 0.00	85.20 3.59 0.00	82.39 3.96 0.00	59.36 2.20 0.00	79.10 1.54 0.00	68.04 1.31 0.00	74.66 2.74 0.00	66.30 3.29 0.00	67.93 3.08 -0.01	62.64 1.94 0.00	57.23 1.27 0.00	47.93 0.26 0.00	41.05 -0.44 0.00
MCINTYRE_115KV_TB2 80467	33.13 1.16 0.00	30.98 0.82 0.00	28.10 0.60 0.00	26.55 0.52 0.00	27.66 0.61 0.00	32.53 1.14 0.00	41.11 1.83 0.00	44.82 1.77 0.00	51.20 1.54 0.00	52.53 1.46 0.00	65.38 1.53 0.00	58.09 1.89 0.00	84.24 2.63 0.00	80.07 1.64 0.00	58.55 1.39 0.00	79.21 1.65 0.00	68.06 1.33 0.00	72.20 0.28 0.00	63.95 0.93 0.00	66.91 2.06 0.00	63.83 3.13 0.00	59.10 3.15 0.00	50.46 2.80 0.00	43.91 2.42 0.00
MECO_____69_KV_BK1 80468	33.85 1.88 0.00	31.98 1.82 0.00	29.12 1.63 0.00	27.61 1.58 0.00	28.69 1.64 0.00	33.31 1.92 0.00	41.81 2.53 0.00	45.87 2.81 0.00	52.68 3.02 0.00	54.16 3.09 0.00	67.25 3.40 0.00	58.90 2.69 0.00	85.51 3.90 0.00	81.16 2.73 0.00	17.64 2.42 41.95	77.20 2.40 2.75	67.83 2.16 1.07	75.01 3.20 0.11	66.84 3.82 0.00	69.98 5.14 0.00	65.43 4.73 0.00	60.24 4.28 0.00	51.13 3.47 0.00	44.33 2.84 0.00
MENANDS___115KV_TB5 355628	32.20 0.23 0.00	30.68 0.52 0.00	28.12 0.62 0.00	26.63 0.59 0.00	27.60 0.55 0.00	31.74 0.35 0.00	39.47 0.18 0.00	43.43 0.38 0.00	49.85 0.20 0.00	51.51 0.44 0.00	64.18 0.34 0.00	56.21 0.00 0.00	81.60 -0.01 0.00	78.49 0.06 0.00	-4.64 -0.02 61.78	73.65 0.15 4.05	65.41 0.24 1.57	72.43 0.68 0.16	63.59 0.58 0.00	65.36 0.52 0.00	60.69 -0.02 0.00	56.02 0.06 0.00	47.91 0.25 0.00	41.79 0.30 0.00
MG INDUSTRY___DRP 24185	32.33 0.36 0.00	30.80 0.64 0.00	28.22 0.72 0.00	26.73 0.70 0.00	27.73 0.68 0.00	31.91 0.52 0.00	39.70 0.41 0.00	43.58 0.53 0.00	50.00 0.34 0.00	51.61 0.55 0.00	64.27 0.43 0.00	56.24 0.03 0.00	81.65 0.04 0.00	78.49 0.06 0.00	23.90 0.03 33.30	75.46 0.09 2.18	65.84 -0.04 0.85	72.32 0.49 0.09	63.53 0.51 0.00	65.49 0.65 0.00	60.94 0.24 0.00	56.26 0.31 0.00	48.06 0.40 0.00	41.91 0.42 0.00

MID___OSWEGATCHIE_HYD 23849	32.33 0.36 0.00	30.43 0.27 0.00	27.71 0.21 0.00	26.30 0.27 0.00	27.52 0.47 0.00	32.18 0.79 0.00	40.54 1.26 0.00	44.50 1.45 0.00	51.19 1.53 0.00	52.18 1.11 0.00	65.05 1.21 0.00	57.31 1.10 0.00	83.28 1.67 0.00	79.44 1.01 0.00	58.17 1.01 0.00	78.96 1.40 0.00	68.00 1.26 0.00	72.94 1.01 -0.01	64.32 1.31 0.00	66.86 2.01 -0.01	63.18 2.48 0.00	58.42 2.46 0.00	49.93 2.27 0.00	43.34 1.85 0.00
MID___RAQUETTE_HYD 23851	32.45 0.48 0.00	30.40 0.24 0.00	27.59 0.09 0.00	26.10 0.07 0.00	27.21 0.16 0.00	31.94 0.55 0.00	40.36 1.08 0.00	44.07 1.02 0.00	50.75 1.10 0.00	51.91 0.84 0.00	64.83 0.98 0.00	57.53 1.32 0.00	83.55 1.94 0.00	79.54 1.11 0.00	58.14 0.97 0.00	78.69 1.13 0.00	67.59 0.86 0.00	71.78 -0.13 0.00	63.02 0.00 0.00	65.53 0.68 0.00	62.20 1.49 0.00	57.65 1.69 0.00	49.43 1.77 0.00	43.09 1.59 0.00
MILLIKEN___1 23584	32.85 0.88 0.00	31.04 0.88 0.00	28.42 0.92 0.00	27.05 1.02 0.00	27.92 0.87 0.00	32.24 0.86 0.00	40.27 0.99 0.00	44.44 1.39 0.00	51.23 1.58 0.00	52.59 1.52 0.00	65.83 1.98 0.00	57.72 1.51 0.00	83.54 1.93 0.00	80.37 1.94 0.00	58.48 1.31 0.00	79.21 1.65 0.00	68.41 1.68 0.00	74.60 2.67 -0.01	65.73 2.72 0.00	67.28 2.42 -0.02	62.59 1.89 0.00	57.49 1.53 0.00	48.64 0.98 0.00	42.13 0.64 0.00
MILLIKEN___2 23585	32.85 0.88 0.00	31.04 0.88 0.00	28.42 0.92 0.00	27.05 1.02 0.00	27.92 0.87 0.00	32.24 0.86 0.00	40.27 0.99 0.00	44.44 1.39 0.00	51.23 1.58 0.00	52.59 1.52 0.00	65.83 1.98 0.00	57.72 1.51 0.00	83.54 1.93 0.00	80.37 1.94 0.00	58.48 1.31 0.00	79.21 1.65 0.00	68.41 1.68 0.00	74.60 2.67 -0.01	65.73 2.72 0.00	67.28 2.42 -0.02	62.59 1.89 0.00	57.49 1.53 0.00	48.64 0.98 0.00	42.13 0.64 0.00
MILLIKEN___DIESEL 23629	32.85 0.88 0.00	31.04 0.88 0.00	28.42 0.92 0.00	27.05 1.02 0.00	27.92 0.87 0.00	32.24 0.86 0.00	40.27 0.99 0.00	44.44 1.39 0.00	51.23 1.58 0.00	52.59 1.52 0.00	65.83 1.98 0.00	57.72 1.51 0.00	83.54 1.93 0.00	80.37 1.94 0.00	58.48 1.31 0.00	79.21 1.65 0.00	68.41 1.68 0.00	74.60 2.67 -0.01	65.73 2.72 0.00	67.28 2.42 -0.02	62.59 1.89 0.00	57.49 1.53 0.00	48.64 0.98 0.00	42.13 0.64 0.00
MILLSEAT___LFGE 323607	33.60 1.63 0.00	31.50 1.34 0.00	28.47 0.98 0.00	26.86 0.82 0.00	27.89 0.84 0.00	32.43 1.04 0.00	40.51 1.23 0.00	44.77 1.72 0.00	52.11 2.46 0.00	53.78 2.72 0.00	66.88 3.03 0.00	59.12 2.92 0.00	86.13 4.52 0.00	83.43 4.99 0.00	60.97 3.80 0.00	80.60 3.04 0.00	68.72 1.99 0.00	74.57 2.65 0.00	65.73 2.72 0.00	67.07 2.23 0.00	62.00 1.30 0.00	56.65 0.69 0.00	47.73 0.07 0.00	41.13 -0.36 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.85 0.88 0.00	31.25 1.09 0.00	28.64 1.15 0.00	27.19 1.16 0.00	28.20 1.14 0.00	32.40 1.01 0.00	40.45 1.16 0.00	44.80 1.75 0.00	51.18 1.52 0.00	52.98 1.91 0.00	66.10 2.25 0.00	57.83 1.63 0.00	83.88 2.27 0.00	81.30 2.87 0.00	147.91 1.80 -88.94	86.34 2.95 -5.83	71.86 2.87 -2.26	76.04 3.89 -0.24	66.33 3.32 0.00	67.57 2.73 0.00	62.38 1.68 0.00	57.50 1.54 0.00	49.11 1.45 0.00	42.86 1.37 0.00
MILLWOOD_13_KV_LOAD 356217	32.90 0.93 0.00	31.29 1.13 0.00	28.68 1.18 0.00	27.23 1.20 0.00	28.24 1.18 0.00	32.45 1.06 0.00	40.51 1.23 0.00	44.87 1.81 0.00	51.27 1.62 0.00	53.08 2.01 0.00	66.21 2.36 0.00	57.95 1.74 0.00	84.02 2.41 0.00	81.44 3.01 0.00	148.02 1.91 -88.94	86.50 3.10 -5.83	71.99 3.00 -2.26	76.20 4.04 -0.24	66.48 3.46 0.00	67.71 2.86 0.00	62.53 1.83 0.00	57.63 1.67 0.00	49.20 1.54 0.00	42.94 1.45 0.00
MODEL_CITY_ENERGY 24167	32.61 0.64 0.00	30.60 0.44 0.00	27.65 0.15 0.00	26.06 0.03 0.00	27.06 0.02 0.00	31.43 0.03 0.00	39.23 -0.05 0.00	43.31 0.25 0.00	50.39 0.74 0.00	51.88 0.82 0.00	64.68 0.84 0.00	57.46 1.25 0.00	83.74 2.13 0.00	80.98 2.55 0.00	58.87 1.70 0.00	77.69 0.13 0.00	66.02 -0.71 0.00	71.70 -0.21 0.00	63.07 0.05 0.00	64.32 -0.53 0.00	59.32 -1.38 0.00	54.22 -1.74 0.00	45.78 -1.88 0.00	39.55 -1.94 0.00
MODERN_LFGE___ 323580	32.61 0.64 0.00	30.60 0.44 0.00	27.65 0.15 0.00	26.06 0.03 0.00	27.06 0.02 0.00	31.43 0.03 0.00	39.23 -0.05 0.00	43.31 0.25 0.00	50.39 0.74 0.00	51.88 0.82 0.00	64.68 0.84 0.00	57.46 1.25 0.00	83.74 2.13 0.00	80.98 2.55 0.00	58.87 1.70 0.00	77.69 0.13 0.00	66.02 -0.71 0.00	71.70 -0.21 0.00	63.07 0.05 0.00	64.32 -0.53 0.00	59.32 -1.38 0.00	54.22 -1.74 0.00	45.78 -1.88 0.00	39.55 -1.94 0.00
MOHAWK_PAPER___DRP 24187	32.39 0.43 0.00	30.86 0.70 0.00	28.28 0.78 0.00	26.77 0.73 0.00	27.76 0.71 0.00	31.93 0.54 0.00	39.73 0.44 0.00	43.70 0.65 0.00	50.19 0.53 0.00	51.84 0.78 0.00	64.60 0.75 0.00	56.57 0.36 0.00	82.09 0.48 0.00	78.95 0.52 0.00	-6.47 0.28 63.92	73.93 0.56 4.19	65.75 0.64 1.62	72.93 1.19 0.17	64.10 1.08 0.00	65.91 1.07 0.00	61.22 0.52 0.00	56.48 0.52 0.00	48.29 0.63 0.00	42.11 0.62 0.00
MOHICAN___35_KV_115KV_LD 80490	33.02 1.05 0.00	31.46 1.30 0.00	28.83 1.33 0.00	27.26 1.23 0.00	28.32 1.26 0.00	32.48 1.09 0.00	40.56 1.28 0.00	44.56 1.51 0.00	51.06 1.41 0.00	52.75 1.69 0.00	65.56 1.71 0.00	57.31 1.10 0.00	82.96 1.34 0.00	79.59 1.16 0.00	-9.81 0.67 67.64	74.12 0.98 4.42	66.13 1.11 1.72	73.70 1.96 0.18	65.06 2.04 0.00	67.16 2.32 0.00	62.50 1.80 0.00	57.59 1.63 0.00	49.15 1.49 0.00	43.05 1.57 0.00
MONGAUP___HYD 23641	33.09 1.12 0.00	31.46 1.30 0.00	28.79 1.30 0.00	27.32 1.29 0.00	28.32 1.27 0.00	32.59 1.21 0.00	40.73 1.44 0.00	45.07 2.02 0.00	51.47 1.81 0.00	53.08 2.02 0.00	66.07 2.22 0.00	57.84 1.63 0.00	83.17 1.56 0.00	81.17 2.74 0.00	136.94 1.21 -78.56	84.94 2.23 -5.15	71.32 2.59 -2.00	75.21 3.09 -0.21	65.86 2.85 0.00	67.29 2.44 0.00	62.91 2.21 0.00	58.72 2.76 0.00	49.76 2.10 0.00	43.28 1.79 0.00
MONTAUK___DIESEL 23721	32.75 0.78 0.00	32.16 1.06 -0.94	28.82 1.33 0.00	28.02 1.99 0.00	29.14 2.08 -0.01	33.49 2.10 -0.01	41.20 1.91 0.00	45.57 2.52 0.00	51.83 2.18 0.00	56.19 3.13 -2.00	66.11 2.26 0.00	57.91 1.70 0.00	58.11 1.45 24.95	41.88 2.51 39.06	40.51 1.02 17.67	29.66 2.61 50.52	68.25 3.40 1.89	78.36 6.20 -0.24	67.63 5.71 1.09	69.79 4.95 0.00	64.25 3.77 0.22	57.38 3.27 1.84	45.33 2.90 5.23	44.14 2.65 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.90 0.93 0.00	30.87 0.71 0.00	27.95 0.45 0.00	26.60 0.56 0.00	27.63 0.58 0.00	32.30 0.91 0.00	40.74 1.46 0.00	45.51 2.46 0.00	53.10 3.45 0.00	54.66 3.59 0.00	68.10 4.25 0.00	60.54 4.33 0.00	87.99 6.38 0.00	86.21 7.78 0.00	62.38 5.21 0.00	82.20 4.64 0.00	69.91 3.18 0.00	75.60 3.68 0.00	65.67 2.66 0.00	67.72 2.88 0.00	62.28 1.58 0.00	56.49 0.53 0.00	47.07 -0.59 0.00	40.12 -1.37 0.00

MORRIS RIDGE___SOLAR 323848	32.61 0.64 0.00	30.76 0.59 0.00	27.96 0.46 0.00	26.49 0.45 0.00	27.47 0.42 0.00	31.85 0.46 0.00	39.73 0.45 0.00	43.90 0.85 0.00	50.80 1.14 0.00	52.04 0.97 0.00	64.99 1.14 0.00	57.51 1.31 0.00	84.04 2.43 0.00	81.49 3.06 0.00	58.72 1.56 0.00	78.14 0.58 0.00	66.91 0.18 0.00	73.08 1.17 0.00	65.00 1.98 0.00	66.45 1.60 0.00	61.29 0.59 0.00	56.04 0.08 0.00	47.09 -0.57 0.00	40.53 -0.96 0.00
MORTIMER_115KV_TB3 55949	32.95 0.98 0.00	30.97 0.81 0.00	28.10 0.60 0.00	26.55 0.51 0.00	27.55 0.50 0.00	31.94 0.55 0.00	39.91 0.62 0.00	44.10 1.04 0.00	51.15 1.50 0.00	52.83 1.76 0.00	65.94 2.10 0.00	58.32 2.11 0.00	85.00 3.39 0.00	82.27 3.84 0.00	59.94 2.78 0.00	79.93 2.38 0.00	68.32 1.59 0.00	73.97 2.05 0.00	64.96 1.95 0.00	66.36 1.52 0.00	61.47 0.76 0.00	56.27 0.32 0.00	47.51 -0.14 0.00	41.06 -0.44 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.96 0.99 0.00	31.35 1.18 0.00	28.72 1.23 0.00	27.29 1.26 0.00	28.29 1.24 0.00	32.52 1.13 0.00	40.63 1.34 0.00	45.06 2.01 0.00	51.42 1.77 0.00	53.28 2.22 0.00	66.46 2.61 0.00	58.10 1.89 0.00	84.20 2.59 0.00	81.70 3.27 0.00	148.78 2.11 -89.51	86.87 3.44 -5.87	72.31 3.30 -2.27	76.52 4.36 -0.24	66.69 3.67 0.00	67.83 2.98 0.00	62.57 1.87 0.00	57.64 1.69 0.00	49.24 1.58 0.00	43.03 1.54 0.00
MUNSVILLE_WIND_PWR 323609	34.16 2.19 0.00	32.42 2.26 0.00	29.59 2.09 0.00	28.13 2.09 0.00	29.11 2.06 0.00	33.99 2.60 0.00	42.60 3.31 0.00	47.37 4.32 0.00	54.65 5.00 0.00	55.98 4.91 0.00	70.22 6.37 0.00	61.52 5.31 0.00	88.68 7.07 0.00	85.37 6.94 0.00	61.79 4.63 0.00	83.32 5.77 0.00	72.35 5.62 0.00	78.83 6.91 -0.01	70.24 7.22 0.00	72.38 7.53 -0.01	67.31 6.61 0.00	61.41 5.45 0.00	51.85 4.19 0.00	44.69 3.20 0.00
N SALMON___HYD 24042	32.34 0.37 0.00	30.25 0.09 0.00	27.35 -0.14 0.00	25.87 -0.16 0.00	26.99 -0.06 0.00	31.73 0.34 0.00	40.16 0.87 0.00	43.72 0.67 0.00	50.46 0.80 0.00	51.77 0.71 0.00	64.81 0.96 0.00	57.49 1.29 0.00	83.74 2.13 0.00	80.11 1.68 0.00	58.52 1.35 0.00	79.52 1.96 0.00	68.32 1.59 0.00	72.92 1.00 0.00	64.07 1.06 0.00	66.54 1.70 0.00	63.02 2.31 0.00	58.22 2.26 0.00	49.60 1.94 0.00	43.17 1.68 0.00
N.AKRON__115KV_KNAPP 355671	33.54 1.57 0.00	31.44 1.28 0.00	28.42 0.92 0.00	26.80 0.77 0.00	27.83 0.78 0.00	32.36 0.97 0.00	40.42 1.14 0.00	44.68 1.63 0.00	52.00 2.34 0.00	53.65 2.58 0.00	66.77 2.92 0.00	59.11 2.90 0.00	86.07 4.46 0.00	83.33 4.90 0.00	60.83 3.67 0.00	80.44 2.88 0.00	68.53 1.79 0.00	74.36 2.44 0.00	65.51 2.49 0.00	66.84 2.00 0.00	61.76 1.06 0.00	56.43 0.48 0.00	47.54 -0.12 0.00	40.99 -0.50 0.00
N.E_GEN_SANDY PD 24062	32.47 0.50 0.00	30.94 0.78 0.00	28.42 0.92 0.00	26.91 0.88 0.00	27.89 0.84 0.00	31.95 0.61 0.04	41.24 0.51 -1.45	43.86 0.81 0.00	50.25 0.60 0.00	51.44 0.91 0.53	65.22 0.95 -0.43	56.61 0.40 0.00	82.13 0.52 0.00	76.54 0.59 2.47	-462.92 0.13 520.21	41.85 0.60 36.31	45.48 0.61 21.87	71.88 1.35 1.38	64.09 1.08 0.00	66.49 0.92 -0.72	60.94 0.24 0.00	56.04 0.32 0.23	49.75 0.56 -1.53	41.92 0.68 0.24
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.89 0.92 0.00	31.28 1.12 0.00	28.66 1.16 0.00	27.21 1.18 0.00	28.21 1.15 0.00	32.42 1.03 0.00	40.51 1.23 0.00	44.88 1.83 0.00	51.28 1.63 0.00	53.03 1.97 0.00	66.18 2.33 0.00	57.98 1.77 0.00	84.12 2.51 0.00	81.61 3.18 0.00	144.49 2.03 -85.30	86.42 3.26 -5.60	72.00 3.10 -2.17	76.30 4.15 -0.23	66.59 3.57 0.00	67.81 2.97 0.00	62.61 1.91 0.00	57.72 1.76 0.00	49.28 1.62 0.00	42.97 1.48 0.00
N.QUEENS_27_KV_LOAD 356247	33.00 1.03 0.00	31.39 1.22 0.00	28.73 1.23 0.00	27.28 1.25 0.00	28.31 1.26 0.00	32.53 1.14 0.00	40.73 1.45 0.00	45.16 2.10 0.00	51.48 1.83 0.00	53.37 2.30 0.00	66.51 2.66 0.00	58.06 1.86 0.00	84.20 2.59 0.00	81.74 3.31 0.00	148.74 2.07 -89.50	87.06 3.63 -5.87	72.46 3.46 -2.27	76.72 4.56 -0.24	67.03 3.60 -0.42	67.86 3.02 0.00	62.75 1.97 -0.08	58.36 1.78 -0.63	49.75 1.68 -0.41	43.14 1.65 0.00
N.TROY___115KV_TB1 355778	32.56 0.59 0.00	31.00 0.84 0.00	28.43 0.93 0.00	26.89 0.86 0.00	27.90 0.84 0.00	32.07 0.68 0.00	39.90 0.61 0.00	43.86 0.81 0.00	50.33 0.67 0.00	51.98 0.92 0.00	64.70 0.85 0.00	56.60 0.40 0.00	82.14 0.53 0.00	78.84 0.41 0.00	-33.30 0.16 90.63	72.05 0.43 5.94	64.88 0.45 2.30	72.75 1.08 0.24	63.99 0.97 0.00	65.87 1.02 0.00	61.22 0.52 0.00	56.51 0.55 0.00	48.35 0.69 0.00	42.23 0.74 0.00
NARROWS_GT1_1 24228	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
NARROWS_GT1_2 24229	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
NARROWS_GT1_3 24230	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
NARROWS_GT1_4 24231	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
NARROWS_GT1_5 24232	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00

NARROWS_GT1_6 24233	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
NARROWS_GT1_7 24234	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
NARROWS_GT1_8 24235	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
NARROWS_GT2_1 24236	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
NARROWS_GT2_2 24237	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
NARROWS_GT2_3 24238	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
NARROWS_GT2_4 24239	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
NARROWS_GT2_5 24240	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
NARROWS_GT2_6 24241	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
NARROWS_GT2_7 24242	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
NARROWS_GT2_8 24243	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.22 2.61 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.28 3.85 -5.87	72.66 3.65 -2.27	76.87 4.72 -0.24	66.95 3.93 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.44 1.78 0.00	43.33 1.83 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.77 0.80 0.00	31.20 1.04 0.00	28.57 1.08 0.00	27.05 1.02 0.00	28.06 1.01 0.00	32.31 0.92 0.00	40.24 0.96 0.00	44.22 1.17 0.00	50.81 1.15 0.00	52.53 1.47 0.00	65.36 1.51 0.00	57.07 0.86 0.00	82.87 1.26 0.00	79.51 1.08 0.00	38.75 0.91 19.33	77.42 1.12 1.27	67.20 0.96 0.49	73.41 1.55 0.05	64.59 1.57 0.00	66.95 2.11 0.00	62.32 1.62 0.00	57.51 1.55 0.00	49.02 1.36 0.00	42.64 1.15 0.00
NCHELSEA_115KV_TR2 355582	33.10 1.13 0.00	31.47 1.31 0.00	28.86 1.36 0.00	27.37 1.34 0.00	28.37 1.32 0.00	32.61 1.22 0.00	40.72 1.44 0.00	45.11 2.06 0.00	51.59 1.94 0.00	53.38 2.31 0.00	66.68 2.83 0.00	58.36 2.15 0.00	84.67 3.06 0.00	82.02 3.59 0.00	143.66 2.38 -84.12	86.84 3.77 -5.52	72.42 3.56 -2.14	76.81 4.67 -0.22	67.01 3.99 0.00	68.28 3.44 0.00	63.06 2.36 0.00	58.11 2.16 0.00	49.58 1.92 0.00	43.20 1.71 0.00
NEG CAPITAL___MECHNVIL 23645	33.05 1.08 0.00	31.45 1.28 0.00	28.81 1.31 0.00	27.26 1.23 0.00	28.29 1.23 0.00	32.54 1.15 0.00	40.57 1.28 0.00	44.62 1.56 0.00	51.21 1.56 0.00	52.87 1.80 0.00	65.83 1.98 0.00	57.60 1.39 0.00	83.57 1.96 0.00	80.21 1.78 0.00	-18.31 1.15 76.63	74.22 1.68 5.02	66.47 1.69 1.95	74.23 2.52 0.20	65.41 2.40 0.00	67.39 2.55 0.00	62.66 1.96 0.00	57.74 1.79 0.00	49.28 1.62 0.00	43.00 1.51 0.00
NEG CENTRAL_HIGH_ACRES 23767	32.28 0.31 0.00	30.36 0.19 0.00	27.59 0.09 0.00	26.10 0.07 0.00	27.07 0.02 0.00	31.34 -0.05 0.00	39.17 -0.11 0.00	43.28 0.23 0.00	50.15 0.49 0.00	51.73 0.66 0.00	64.53 0.68 0.00	57.01 0.80 0.00	83.11 1.50 0.00	80.40 1.96 0.00	58.62 1.46 0.00	78.47 0.91 0.00	67.03 0.30 0.00	72.57 0.65 0.00	63.70 0.68 0.00	65.11 0.27 0.00	60.33 -0.37 0.00	55.29 -0.67 0.00	46.71 -0.95 0.00	40.36 -1.13 0.00

NEG CENTRAL___DRP 24199	32.63 0.66 0.00	30.78 0.62 0.00	28.22 0.73 0.00	26.94 0.91 0.00	27.71 0.65 0.00	31.95 0.56 0.00	39.93 0.65 0.00	44.14 1.08 0.00	50.94 1.29 0.00	52.35 1.29 0.00	65.57 1.73 0.00	57.70 1.50 0.00	83.82 2.21 0.00	81.01 2.59 0.00	59.02 1.85 0.00	79.69 2.14 0.00	68.41 1.68 0.00	74.29 2.37 -0.01	65.33 2.32 0.00	66.80 1.94 -0.02	61.96 1.26 0.00	56.84 0.89 0.00	47.99 0.33 0.00	41.48 -0.01 0.00
NEG CENTRAL___INDECK 23768	33.91 1.94 0.00	31.90 1.73 0.00	28.96 1.46 0.00	27.40 1.37 0.00	28.46 1.40 0.00	33.05 1.65 0.00	41.27 1.98 0.00	45.17 2.12 0.00	51.19 1.53 0.00	52.23 1.16 0.00	65.26 1.41 0.00	57.90 1.70 0.00	84.32 2.70 0.00	81.96 3.53 0.00	59.53 2.37 0.00	78.97 1.41 0.00	67.56 0.83 0.00	73.13 1.22 0.00	65.60 2.58 0.00	67.52 2.68 0.00	62.44 1.74 0.00	57.06 1.10 0.00	47.99 0.33 0.00	42.14 0.65 0.00
NEG CENTRAL___SENECA 23627	32.94 0.97 0.00	31.07 0.91 0.00	28.33 0.84 0.00	26.92 0.89 0.00	27.84 0.79 0.00	32.18 0.79 0.00	40.28 0.99 0.00	44.58 1.53 0.00	51.50 1.84 0.00	52.87 1.81 0.00	66.28 2.43 0.00	58.38 2.17 0.00	84.82 3.21 0.00	82.05 3.62 0.00	59.69 2.52 0.00	80.47 2.91 0.00	68.97 2.23 0.00	75.04 3.12 -0.01	66.05 3.04 0.00	67.51 2.66 -0.01	62.51 1.81 0.00	57.28 1.33 0.00	48.29 0.63 0.00	41.66 0.17 0.00
NEG CENTRAL___STATE_STREET 24147	32.49 0.52 0.00	30.61 0.45 0.00	28.25 0.75 0.00	27.07 1.03 0.00	27.78 0.72 0.00	31.86 0.47 0.00	39.82 0.53 0.00	43.93 0.88 0.00	50.62 0.97 0.00	52.00 0.94 0.00	64.94 1.09 0.00	57.00 0.79 0.00	82.71 1.10 0.00	79.96 1.53 0.00	58.33 1.16 0.00	78.88 1.32 0.00	68.20 1.47 0.00	73.96 2.03 -0.01	64.93 1.92 0.00	66.35 1.48 -0.02	61.81 1.11 0.00	56.81 0.85 0.00	47.94 0.28 0.00	41.60 0.11 0.00
NEG MILLWOOD___DRP 24198	33.25 1.29 0.00	31.61 1.45 0.00	28.97 1.47 0.00	27.48 1.45 0.00	28.49 1.44 0.00	32.77 1.38 0.00	40.95 1.66 0.00	45.39 2.34 0.00	51.90 2.25 0.00	53.73 2.66 0.00	67.13 3.28 0.00	58.71 2.51 0.00	85.17 3.56 0.00	82.52 4.09 0.00	147.53 2.77 -87.59	87.52 4.21 -5.75	72.91 3.95 -2.23	77.44 5.30 -0.23	67.58 4.57 0.00	68.74 3.89 0.00	63.15 2.45 0.00	58.19 2.23 0.00	49.62 1.97 0.00	43.25 1.76 0.00
NEG NORTH_FLCN_SEA 23793	32.42 0.45 0.00	30.33 0.16 0.00	27.39 -0.10 0.00	25.89 -0.14 0.00	27.01 -0.04 0.00	31.70 0.30 0.00	40.06 0.77 0.00	43.67 0.61 0.00	50.40 0.75 0.00	51.77 0.71 0.00	64.68 0.84 0.00	57.40 1.20 0.00	83.69 2.08 0.00	80.12 1.69 0.00	58.51 1.35 0.00	79.79 2.23 0.00	68.74 2.01 0.00	73.52 1.60 0.00	64.39 1.38 0.00	66.68 1.83 0.00	62.93 2.23 0.00	58.12 2.16 0.00	49.52 1.86 0.00	43.08 1.59 0.00
NEG NORTH_KES_CHATEGAY 23792	31.97 0.00 0.00	29.90 -0.27 0.00	27.01 -0.49 0.00	25.55 -0.49 0.00	26.65 -0.40 0.00	31.35 -0.04 0.00	39.60 0.32 0.00	43.04 -0.01 0.00	49.71 0.05 0.00	51.05 -0.02 0.00	63.94 0.09 0.00	56.78 0.57 0.00	82.68 1.07 0.00	79.14 0.71 0.00	57.83 0.66 0.00	78.62 1.06 0.00	67.62 0.89 0.00	72.26 0.34 0.00	63.34 0.33 0.00	65.75 0.90 0.00	62.23 1.53 0.00	57.47 1.52 0.00	48.94 1.28 0.00	42.63 1.14 0.00
NEG NORTH___ALICE_FALLS 23915	32.48 0.51 0.00	30.38 0.22 0.00	27.44 -0.06 0.00	25.93 -0.10 0.00	27.05 0.00 0.00	31.77 0.37 0.00	40.15 0.86 0.00	43.75 0.70 0.00	50.45 0.80 0.00	51.77 0.71 0.00	64.68 0.83 0.00	57.41 1.21 0.00	83.74 2.12 0.00	80.15 1.72 0.00	58.63 1.46 0.00	79.75 2.19 0.00	68.87 2.14 0.00	73.67 1.76 0.00	64.61 1.59 0.00	66.97 2.13 0.00	63.24 2.54 0.00	58.41 2.45 0.00	49.73 2.07 0.00	43.23 1.74 0.00
NEG NORTH___LWR_SARANAC 23913	32.48 0.51 0.00	30.38 0.22 0.00	27.44 -0.06 0.00	25.93 -0.10 0.00	27.05 0.00 0.00	31.77 0.37 0.00	40.15 0.86 0.00	43.75 0.70 0.00	50.45 0.80 0.00	51.77 0.71 0.00	64.68 0.83 0.00	57.41 1.21 0.00	83.74 2.12 0.00	80.15 1.72 0.00	58.63 1.46 0.00	79.75 2.19 0.00	68.87 2.14 0.00	73.67 1.76 0.00	64.61 1.59 0.00	66.97 2.13 0.00	63.24 2.54 0.00	58.41 2.45 0.00	49.73 2.07 0.00	43.23 1.74 0.00
NEG NORTH___PLATTSBURG 23628	32.48 0.51 0.00	30.38 0.22 0.00	27.44 -0.06 0.00	25.93 -0.10 0.00	27.05 0.00 0.00	31.76 0.37 0.00	40.15 0.86 0.00	43.75 0.70 0.00	50.45 0.80 0.00	51.77 0.71 0.00	64.68 0.83 0.00	57.41 1.21 0.00	83.73 2.12 0.00	80.15 1.72 0.00	58.63 1.46 0.00	79.75 2.19 0.00	68.87 2.14 0.00	73.67 1.76 0.00	64.60 1.59 0.00	66.97 2.13 0.00	63.24 2.54 0.00	58.41 2.45 0.00	49.73 2.07 0.00	43.23 1.74 0.00
NEG WEST_LEA_LOCKPORT 23791	32.87 0.90 0.00	30.84 0.67 0.00	27.87 0.37 0.00	26.28 0.24 0.00	27.28 0.23 0.00	31.69 0.30 0.00	39.57 0.28 0.00	43.71 0.66 0.00	50.87 1.22 0.00	52.37 1.31 0.00	65.28 1.43 0.00	57.95 1.74 0.00	84.46 2.84 0.00	81.78 3.35 0.00	59.45 2.29 0.00	78.52 0.95 0.00	66.76 0.03 0.00	72.49 0.57 0.00	63.80 0.78 0.00	65.05 0.21 0.00	60.00 -0.70 0.00	54.82 -1.14 0.00	46.24 -1.42 0.00	39.92 -1.57 0.00
NEG WEST___LANCASTER 23811	32.92 0.95 0.00	30.97 0.81 0.00	28.03 0.53 0.00	26.46 0.43 0.00	27.49 0.43 0.00	31.90 0.51 0.00	39.89 0.60 0.00	44.22 1.17 0.00	51.44 1.79 0.00	52.72 1.66 0.00	65.64 1.79 0.00	58.03 1.82 0.00	84.40 2.79 0.00	81.80 3.37 0.00	59.35 2.19 0.00	78.78 1.22 0.00	67.10 0.37 0.00	72.68 0.76 0.00	64.04 1.02 0.00	65.23 0.38 0.00	60.13 -0.57 0.00	54.96 -1.00 0.00	46.27 -1.39 0.00	40.03 -1.47 0.00
NEG_PENN_ALLEGHNY 23528	32.51 0.54 0.00	30.85 0.69 0.00	28.09 0.59 0.00	26.62 0.59 0.00	27.62 0.57 0.00	31.91 0.52 0.00	39.86 0.57 0.00	44.01 0.96 0.00	50.73 1.07 0.00	52.17 1.11 0.00	65.24 1.39 0.00	57.36 1.15 0.00	83.19 1.58 0.00	80.16 1.74 0.00	58.17 1.01 0.00	78.79 1.23 0.00	67.75 1.02 0.00	73.66 1.74 -0.01	64.90 1.89 0.00	66.40 1.55 -0.01	61.54 0.84 0.00	56.54 0.58 0.00	47.88 0.22 0.00	41.47 -0.02 0.00
NEG___GEN_MONROE 24207	33.38 1.41 0.00	31.39 1.23 0.00	28.45 0.95 0.00	26.81 0.77 0.00	27.83 0.78 0.00	32.30 0.91 0.00	40.41 1.13 0.00	44.62 1.57 0.00	51.79 2.13 0.00	53.44 2.37 0.00	66.64 2.79 0.00	58.89 2.68 0.00	85.96 4.35 0.00	83.17 4.74 0.00	60.65 3.49 0.00	80.80 3.24 0.00	68.97 2.24 0.00	74.71 2.80 0.00	65.64 2.63 0.00	66.99 2.15 0.00	62.17 1.47 0.00	56.84 0.88 0.00	47.95 0.29 0.00	41.44 -0.05 0.00
NEPA___ENERGY 23901	32.48 0.51 0.00	30.73 0.57 0.00	27.88 0.38 0.00	26.38 0.34 0.00	27.38 0.33 0.00	31.69 0.30 0.00	39.61 0.32 0.00	43.89 0.84 0.00	50.82 1.17 0.00	52.09 1.03 0.00	64.97 1.12 0.00	57.17 0.96 0.00	83.02 1.41 0.00	80.23 1.80 0.00	58.08 0.91 0.00	77.48 -0.08 0.00	66.05 -0.68 0.00	71.80 -0.11 0.00	63.44 0.42 0.00	64.59 -0.26 0.00	59.52 -1.18 0.00	54.54 -1.42 0.00	45.99 -1.68 0.00	39.81 -1.68 0.00

NEVERSINK___HYD 23608	32.26 0.30 0.00	30.68 0.52 0.00	28.10 0.61 0.00	26.67 0.64 0.00	27.66 0.61 0.00	31.81 0.42 0.00	39.74 0.46 0.00	44.31 1.26 0.00	50.49 0.84 0.00	51.99 0.93 0.00	64.98 1.14 0.00	56.83 0.62 0.00	82.47 0.85 0.00	79.90 1.48 0.00	124.53 0.81 -66.55	83.96 2.03 -4.37	70.60 2.17 -1.69	75.64 3.55 -0.18	66.02 3.00 0.00	67.28 2.44 0.00	62.27 1.57 0.00	57.37 1.41 0.00	48.90 1.24 0.00	42.59 1.10 0.00
NEWKRMKL_115KV_TB1 55635	32.07 0.10 0.00	30.57 0.41 0.00	28.02 0.52 0.00	26.53 0.50 0.00	27.51 0.46 0.00	31.64 0.25 0.00	39.33 0.04 0.00	43.28 0.23 0.00	49.68 0.02 0.00	51.33 0.26 0.00	63.99 0.15 0.00	56.04 -0.16 0.00	81.36 -0.25 0.00	78.28 -0.15 0.00	0.69 -0.14 56.33	73.80 -0.06 3.69	65.36 0.06 1.43	72.34 0.58 0.15	63.53 0.52 0.00	65.28 0.43 0.00	60.62 -0.07 0.00	55.92 -0.04 0.00	47.79 0.13 0.00	41.68 0.19 0.00
NEWTON___FALLS_HYD 23847	32.33 0.36 0.00	30.43 0.27 0.00	27.71 0.21 0.00	26.30 0.27 0.00	27.52 0.47 0.00	32.18 0.79 0.00	40.54 1.26 0.00	44.50 1.45 0.00	51.19 1.53 0.00	52.18 1.11 0.00	65.05 1.21 0.00	57.31 1.10 0.00	83.28 1.67 0.00	79.44 1.01 0.00	58.17 1.01 0.00	78.96 1.40 0.00	68.00 1.26 0.00	72.94 1.01 -0.01	64.32 1.31 0.00	66.86 2.01 -0.01	63.18 2.48 0.00	58.42 2.46 0.00	49.93 2.27 0.00	43.34 1.85 0.00
NGRID_A1_DSASP 323792	32.33 0.37 0.00	30.35 0.19 0.00	27.42 -0.08 0.00	25.85 -0.18 0.00	26.83 -0.22 0.00	31.16 -0.23 0.00	38.87 -0.42 0.00	42.94 -0.12 0.00	49.98 0.33 0.00	51.48 0.42 0.00	64.16 0.31 0.00	56.98 0.78 0.00	83.11 1.49 0.00	80.60 2.17 0.00	58.55 1.38 0.00	77.28 -0.28 0.00	65.68 -1.06 0.00	71.33 -0.58 0.00	62.71 -0.30 0.00	63.93 -0.92 0.00	58.96 -1.74 0.00	53.87 -2.08 0.00	45.49 -2.17 0.00	39.22 -2.28 0.00
NGRID_A2_DSASP 323793	32.33 0.37 0.00	30.35 0.19 0.00	27.42 -0.08 0.00	25.85 -0.18 0.00	26.83 -0.22 0.00	31.16 -0.23 0.00	38.87 -0.42 0.00	42.94 -0.12 0.00	49.98 0.33 0.00	51.48 0.42 0.00	64.16 0.31 0.00	56.98 0.78 0.00	83.11 1.49 0.00	80.60 2.17 0.00	58.55 1.38 0.00	77.28 -0.28 0.00	65.68 -1.06 0.00	71.33 -0.58 0.00	62.71 -0.30 0.00	63.93 -0.92 0.00	58.96 -1.74 0.00	53.87 -2.08 0.00	45.49 -2.17 0.00	39.22 -2.28 0.00
NGRID_A4_DSASP 323807	32.33 0.37 0.00	30.35 0.19 0.00	27.42 -0.08 0.00	25.85 -0.18 0.00	26.83 -0.22 0.00	31.16 -0.23 0.00	38.87 -0.42 0.00	42.94 -0.12 0.00	49.98 0.33 0.00	51.48 0.42 0.00	64.16 0.31 0.00	56.98 0.78 0.00	83.11 1.49 0.00	80.60 2.17 0.00	58.55 1.38 0.00	77.28 -0.28 0.00	65.68 -1.06 0.00	71.33 -0.58 0.00	62.71 -0.30 0.00	63.93 -0.92 0.00	58.96 -1.74 0.00	53.87 -2.08 0.00	45.49 -2.17 0.00	39.22 -2.28 0.00
NIAGARA_115E_LBMP 323715	32.46 0.49 0.00	30.45 0.29 0.00	27.51 0.02 0.00	25.95 -0.09 0.00	26.93 -0.12 0.00	31.27 -0.12 0.00	39.04 -0.25 0.00	43.08 0.02 0.00	50.12 0.47 0.00	51.59 0.52 0.00	64.31 0.47 0.00	57.17 0.96 0.00	83.34 1.73 0.00	80.52 2.09 0.00	58.51 1.35 0.00	77.16 -0.40 0.00	65.58 -1.15 0.00	71.24 -0.68 0.00	62.65 -0.37 0.00	63.86 -0.98 0.00	58.90 -1.80 0.00	53.84 -2.11 0.00	45.49 -2.17 0.00	39.33 -2.16 0.00
NIAGARA_115W_LBMP 323714	32.26 0.30 0.00	30.29 0.13 0.00	27.37 -0.13 0.00	25.80 -0.23 0.00	26.78 -0.27 0.00	31.10 -0.29 0.00	38.79 -0.49 0.00	42.84 -0.21 0.00	49.87 0.21 0.00	51.37 0.31 0.00	64.02 0.17 0.00	56.86 0.65 0.00	82.91 1.30 0.00	80.40 1.97 0.00	58.41 1.25 0.00	77.09 -0.47 0.00	65.53 -1.21 0.00	71.17 -0.74 0.00	62.55 -0.47 0.00	63.77 -1.07 0.00	58.83 -1.87 0.00	53.75 -2.20 0.00	45.40 -2.26 0.00	39.14 -2.36 0.00
NIAGARA_230_LBMP 323716	32.48 0.51 0.00	30.50 0.34 0.00	27.57 0.07 0.00	26.00 -0.03 0.00	26.99 -0.06 0.00	31.34 -0.05 0.00	39.11 -0.17 0.00	43.20 0.14 0.00	50.26 0.60 0.00	51.75 0.69 0.00	64.51 0.66 0.00	57.24 1.03 0.00	83.43 1.82 0.00	80.84 2.41 0.00	58.71 1.55 0.00	77.58 0.02 0.00	65.98 -0.75 0.00	71.63 -0.29 0.00	62.98 -0.03 0.00	64.22 -0.62 0.00	59.24 -1.46 0.00	54.16 -1.80 0.00	45.73 -1.93 0.00	39.46 -2.03 0.00
NIAGARA___115KV_198_GIBSON 55903	32.26 0.30 0.00	30.29 0.13 0.00	27.37 -0.13 0.00	25.80 -0.23 0.00	26.78 -0.27 0.00	31.10 -0.29 0.00	38.79 -0.49 0.00	42.84 -0.21 0.00	49.87 0.22 0.00	51.37 0.31 0.00	64.02 0.17 0.00	56.86 0.65 0.00	82.90 1.29 0.00	80.40 1.97 0.00	58.40 1.24 0.00	77.08 -0.48 0.00	65.53 -1.21 0.00	71.16 -0.75 0.00	62.55 -0.47 0.00	63.77 -1.07 0.00	58.83 -1.87 0.00	53.74 -2.22 0.00	45.38 -2.28 0.00	39.14 -2.35 0.00
NIAGARA____ 23760	32.48 0.51 0.00	30.50 0.34 0.00	27.57 0.07 0.00	26.00 -0.03 0.00	26.99 -0.06 0.00	31.34 -0.05 0.00	39.11 -0.17 0.00	43.20 0.14 0.00	50.26 0.60 0.00	51.75 0.69 0.00	64.51 0.66 0.00	57.24 1.03 0.00	83.43 1.82 0.00	80.84 2.41 0.00	58.71 1.55 0.00	77.58 0.02 0.00	65.98 -0.75 0.00	71.63 -0.29 0.00	62.98 -0.03 0.00	64.22 -0.62 0.00	59.24 -1.46 0.00	54.16 -1.80 0.00	45.73 -1.93 0.00	39.46 -2.03 0.00
NINE_MILE_1 23575	31.33 -0.63 0.00	29.60 -0.56 0.00	26.95 -0.55 0.00	25.50 -0.53 0.00	26.53 -0.52 0.00	30.71 -0.68 0.00	38.24 -1.05 0.00	41.96 -1.09 0.00	48.39 -1.26 0.00	49.82 -1.25 0.00	62.22 -1.63 0.00	54.78 -1.43 0.00	79.53 -2.09 0.00	76.53 -1.90 0.00	55.82 -1.34 0.00	75.56 -2.00 0.00	65.03 -1.70 0.00	70.23 -1.61 0.08	61.71 -1.31 0.00	63.18 -1.53 0.14	59.04 -1.66 0.00	54.32 -1.62 0.02	46.20 -1.46 0.00	40.12 -1.37 0.00
NINE_MILE_2 23744	31.33 -0.63 0.00	29.60 -0.56 0.00	26.95 -0.55 0.00	25.50 -0.53 0.00	26.53 -0.52 0.00	30.71 -0.68 0.00	38.24 -1.04 0.00	41.96 -1.09 0.00	48.39 -1.26 0.00	49.82 -1.25 0.00	62.22 -1.63 0.00	54.78 -1.43 0.00	79.53 -2.09 0.00	76.53 -1.90 0.00	55.82 -1.34 0.00	75.56 -2.00 0.00	65.04 -1.70 0.00	70.23 -1.60 0.08	61.71 -1.31 0.00	63.18 -1.53 0.14	59.04 -1.66 0.00	54.32 -1.62 0.02	46.20 -1.46 0.00	40.12 -1.37 0.00
NM_CAPITAL___DRP 24208	32.12 0.15 0.00	30.62 0.45 0.00	28.07 0.57 0.00	26.58 0.55 0.00	27.55 0.50 0.00	31.68 0.29 0.00	39.37 0.08 0.00	43.32 0.27 0.00	49.71 0.05 0.00	51.37 0.30 0.00	64.01 0.17 0.00	56.04 -0.16 0.00	81.37 -0.24 0.00	78.27 -0.16 0.00	-6.34 -0.17 63.34	73.34 -0.07 4.15	65.16 0.03 1.61	72.25 0.51 0.17	63.45 0.44 0.00	65.20 0.35 0.00	60.55 -0.15 0.00	55.88 -0.08 0.00	47.79 0.13 0.00	41.70 0.21 0.00
NM_CENTRAL___DRP 24181	32.05 0.07 0.00	30.28 0.12 0.00	27.63 0.13 0.00	26.21 0.17 0.00	27.16 0.10 0.00	31.41 0.02 0.00	39.11 -0.18 0.00	43.03 -0.02 0.00	49.66 0.01 0.00	51.15 0.09 0.00	63.93 0.09 0.00	56.26 0.05 0.00	81.71 0.10 0.00	78.71 0.28 0.00	57.40 0.24 0.00	77.77 0.20 0.00	66.96 0.22 0.00	72.49 0.57 -0.01	63.60 0.59 0.00	65.19 0.33 -0.01	60.64 -0.06 0.00	55.76 -0.20 0.00	47.33 -0.33 0.00	41.03 -0.46 0.00

NM_FRONTIER___DRP 24179	32.26 0.30 0.00	30.29 0.13 0.00	27.37 -0.13 0.00	25.80 -0.23 0.00	26.78 -0.27 0.00	31.10 -0.29 0.00	38.79 -0.49 0.00	42.84 -0.21 0.00	49.87 0.22 0.00	51.37 0.31 0.00	64.02 0.17 0.00	56.86 0.65 0.00	82.90 1.29 0.00	80.40 1.97 0.00	58.40 1.24 0.00	77.08 -0.48 0.00	65.53 -1.21 0.00	71.16 -0.75 0.00	62.55 -0.47 0.00	63.77 -1.07 0.00	58.83 -1.87 0.00	53.74 -2.22 0.00	45.38 -2.28 0.00	39.14 -2.35 0.00
NM_ST_REGIS___HYD 24053	32.44 0.47 0.00	30.37 0.21 0.00	27.53 0.03 0.00	26.04 0.01 0.00	27.16 0.11 0.00	31.90 0.52 0.00	40.33 1.05 0.00	44.00 0.95 0.00	50.70 1.04 0.00	51.87 0.80 0.00	64.83 0.98 0.00	57.55 1.34 0.00	83.62 2.01 0.00	79.69 1.26 0.00	58.25 1.08 0.00	78.93 1.37 0.00	67.79 1.06 0.00	72.07 0.15 0.00	63.30 0.28 0.00	65.80 0.95 0.00	62.46 1.76 0.00	57.86 1.90 0.00	49.53 1.87 0.00	43.16 1.67 0.00
NORTHPORT___1 23551	32.83 0.86 0.00	32.31 1.23 -0.92	28.85 1.35 0.00	27.53 1.49 0.00	28.52 1.47 -0.01	32.66 1.26 -0.01	40.33 1.04 0.00	44.70 1.65 0.00	51.05 1.39 0.00	54.92 1.89 -1.97	65.52 1.67 0.00	57.03 0.82 0.00	56.42 0.17 25.37	39.64 0.95 39.74	37.23 0.32 20.25	25.39 0.94 53.11	66.00 1.23 1.96	74.66 2.51 -0.24	64.20 2.26 1.07	66.13 1.28 0.00	60.77 0.28 0.21	54.29 0.13 1.81	42.70 0.30 5.27	42.19 0.70 0.00
NORTHPORT___2 23552	32.83 0.86 0.00	32.31 1.23 -0.92	28.85 1.35 0.00	27.53 1.49 0.00	28.52 1.47 -0.01	32.66 1.26 -0.01	40.33 1.04 0.00	44.70 1.65 0.00	51.05 1.39 0.00	54.92 1.89 -1.97	65.52 1.67 0.00	57.03 0.82 0.00	56.42 0.17 25.37	39.64 0.95 39.74	37.23 0.32 20.25	25.39 0.94 53.11	66.00 1.23 1.96	74.66 2.51 -0.24	64.20 2.26 1.07	66.13 1.28 0.00	60.77 0.28 0.21	54.29 0.13 1.81	42.70 0.30 5.27	42.19 0.70 0.00
NORTHPORT___3 23553	32.77 0.80 0.00	32.21 1.12 -0.93	28.73 1.23 0.00	27.40 1.36 0.00	28.40 1.34 -0.01	32.49 1.09 -0.01	40.11 0.83 0.00	44.41 1.36 0.00	50.69 1.03 0.00	54.58 1.53 -1.99	65.25 1.40 0.00	56.70 0.49 0.00	56.14 -0.24 25.23	39.53 0.61 39.51	37.98 0.09 19.28	26.16 0.61 52.02	65.73 0.93 1.93	74.34 2.19 -0.24	63.79 1.90 1.12	65.81 0.97 0.00	60.42 -0.06 0.22	53.81 -0.26 1.89	42.41 0.05 5.30	41.96 0.47 0.00
NORTHPORT___4 23650	32.77 0.80 0.00	32.21 1.12 -0.93	28.73 1.23 0.00	27.40 1.36 0.00	28.40 1.34 -0.01	32.49 1.09 -0.01	40.11 0.83 0.00	44.41 1.36 0.00	50.69 1.03 0.00	54.58 1.53 -1.99	65.25 1.40 0.00	56.70 0.49 0.00	56.14 -0.24 25.23	39.53 0.61 39.51	37.98 0.09 19.28	26.16 0.61 52.02	65.73 0.93 1.93	74.34 2.19 -0.24	63.79 1.90 1.12	65.81 0.97 0.00	60.42 -0.06 0.22	53.81 -0.26 1.89	42.41 0.05 5.30	41.96 0.47 0.00
NORTHPORT___IC 23718	32.84 0.87 0.00	32.31 1.23 -0.92	28.85 1.35 0.00	27.52 1.49 0.00	28.53 1.47 -0.01	32.66 1.27 -0.01	40.33 1.04 0.00	44.70 1.65 0.00	51.05 1.40 0.00	54.92 1.89 -1.97	65.52 1.67 0.00	57.03 0.81 0.00	56.48 0.24 25.37	39.69 1.00 39.74	37.24 0.32 20.25	25.42 0.97 53.11	66.00 1.23 1.96	74.66 2.51 -0.24	64.24 2.30 1.07	66.13 1.28 0.00	60.77 0.28 0.21	54.32 0.17 1.81	42.78 0.39 5.27	42.20 0.70 0.00
NORTH___COUNTRY_ESR 323785	31.89 -0.08 0.00	29.81 -0.35 0.00	26.95 -0.55 0.00	25.49 -0.55 0.00	26.60 -0.45 0.00	31.28 -0.11 0.00	39.52 0.24 0.00	43.00 -0.05 0.00	49.70 0.05 0.00	51.05 -0.02 0.00	63.93 0.09 0.00	56.78 0.57 0.00	82.67 1.06 0.00	79.13 0.70 0.00	57.82 0.66 0.00	78.60 1.04 0.00	67.61 0.87 0.00	72.25 0.33 0.00	63.31 0.30 0.00	65.65 0.81 0.00	62.06 1.36 0.00	57.29 1.33 0.00	48.78 1.12 0.00	42.51 1.02 0.00
NPX_GEN_1385_PROXY 323591	32.23 0.26 0.00	31.85 0.76 -0.92	28.64 1.14 0.00	27.36 1.33 0.00	28.26 1.20 -0.01	32.13 1.07 0.33	40.05 0.76 0.00	44.37 1.32 0.00	50.92 1.26 0.00	54.58 1.55 -1.97	64.65 0.80 0.00	56.47 0.25 0.00	55.57 -0.67 25.37	38.16 -0.53 39.74	14.64 -0.72 41.80	24.37 -0.07 53.11	65.09 0.31 1.96	32.03 1.15 41.04	23.32 1.07 40.76	64.05 0.39 1.18	60.43 -0.06 0.21	54.32 -0.20 1.45	42.13 -0.26 5.27	41.72 0.23 0.00
NPX_GEN_CSC 323557	32.52 0.56 0.00	32.17 1.08 -0.93	28.74 1.24 0.00	27.49 1.46 0.00	28.57 1.52 -0.01	32.28 1.22 0.33	39.90 0.61 0.00	44.25 1.20 0.00	50.44 0.78 0.00	54.42 1.36 -2.00	64.84 1.00 0.00	56.36 0.15 0.00	55.93 -0.72 24.96	39.74 0.39 39.08	39.32 -0.10 17.75	27.77 0.80 50.59	66.06 1.21 1.89	74.97 2.82 -0.24	64.73 2.81 1.09	65.37 1.70 1.18	61.05 0.57 0.22	54.87 0.40 1.48	42.95 0.52 5.23	42.23 0.74 0.00
NSINS_S_GLNS_FALLS 23858	33.00 1.03 0.00	31.45 1.29 0.00	28.81 1.32 0.00	27.24 1.20 0.00	28.29 1.24 0.00	32.43 1.04 0.00	40.53 1.24 0.00	44.52 1.47 0.00	51.00 1.34 0.00	52.70 1.64 0.00	65.51 1.66 0.00	57.26 1.05 0.00	82.89 1.28 0.00	79.51 1.08 0.00	-8.53 0.60 66.30	74.11 0.89 4.34	66.10 1.05 1.69	73.67 1.94 0.18	65.03 2.02 0.00	67.13 2.28 0.00	62.47 1.77 0.00	57.56 1.61 0.00	49.12 1.46 0.00	43.05 1.56 0.00
NUCOR_STEEL___DRP 24197	32.43 0.46 0.00	30.54 0.38 0.00	28.23 0.73 0.00	27.07 1.03 0.00	27.75 0.70 0.00	31.80 0.41 0.00	39.75 0.46 0.00	43.84 0.78 0.00	50.51 0.86 0.00	51.90 0.83 0.00	64.77 0.92 0.00	56.84 0.63 0.00	82.50 0.88 0.00	79.79 1.36 0.00	58.21 1.05 0.00	78.63 1.07 0.00	67.97 1.24 0.00	73.70 1.77 -0.01	64.70 1.69 0.00	66.12 1.26 -0.02	61.65 0.95 0.00	56.71 0.75 0.00	47.85 0.19 0.00	41.54 0.05 0.00
NUMBER_THREE_WT_PWR 323818	32.16 0.19 0.00	30.42 0.26 0.00	27.81 0.31 0.00	26.49 0.46 0.00	27.83 0.78 0.00	32.44 1.04 0.00	40.78 1.50 0.00	44.95 1.89 0.00	51.70 2.05 0.00	52.65 1.59 0.00	65.58 1.73 0.00	57.38 1.17 0.00	83.30 1.68 0.00	79.72 1.29 0.00	58.46 1.29 0.00	79.62 2.05 0.00	68.71 1.98 0.00	74.40 2.48 -0.01	65.83 2.82 0.00	68.33 3.47 -0.01	64.25 3.55 0.00	59.28 3.32 0.00	50.42 2.76 0.00	43.61 2.12 0.00
NYISO_LBMP_REFERENCE 24008	31.97 0.00 0.00	30.16 0.00 0.00	27.50 0.00 0.00	26.03 0.00 0.00	27.05 0.00 0.00	31.39 0.00 0.00	39.29 0.00 0.00	43.05 0.00 0.00	49.65 0.00 0.00	51.07 0.00 0.00	63.85 0.00 0.00	56.21 0.00 0.00	81.61 0.00 0.00	78.43 0.00 0.00	57.16 0.00 0.00	77.56 0.00 0.00	66.73 0.00 0.00	71.91 0.00 0.00	63.01 0.00 0.00	64.84 0.00 0.00	60.70 0.00 0.00	55.96 0.00 0.00	47.66 0.00 0.00	41.49 0.00 0.00
NYPA_BRENTWD____GT 24164	33.20 1.23 0.00	32.65 1.54 -0.95	29.12 1.62 0.00	27.78 1.75 0.00	28.80 1.75 -0.01	32.98 1.59 -0.01	40.74 1.45 0.00	45.19 2.14 0.00	51.64 1.98 0.00	55.58 2.48 -2.03	66.22 2.37 0.00	57.56 1.35 0.00	58.27 1.12 24.46	42.23 2.07 38.27	43.59 1.11 14.68	32.10 2.05 47.51	67.15 2.23 1.80	75.89 3.73 -0.24	65.37 3.40 1.05	67.24 2.40 0.00	61.78 1.29 0.21	55.19 1.01 1.77	43.58 1.03 5.11	42.88 1.39 0.00

NYPA_GOWANUS____GT5 24156	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.58 2.73 0.00	58.11 1.90 0.00	84.20 2.59 0.00	81.94 3.51 0.00	148.96 2.30 -89.50	87.25 3.82 -5.87	72.64 3.63 -2.27	76.86 4.71 -0.24	66.92 3.90 0.00	68.05 3.21 0.00	62.69 1.99 0.00	57.80 1.84 0.00	49.43 1.77 0.00	43.32 1.82 0.00
NYPA_GOWANUS____GT6 24157	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.33 0.00	32.63 1.24 0.00	40.84 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.58 2.73 0.00	58.11 1.90 0.00	84.20 2.59 0.00	81.94 3.51 0.00	148.96 2.30 -89.50	87.25 3.82 -5.87	72.64 3.63 -2.27	76.86 4.71 -0.24	66.92 3.90 0.00	68.05 3.21 0.00	62.69 1.99 0.00	57.80 1.84 0.00	49.43 1.77 0.00	43.32 1.82 0.00
NYPA_HARLEM__RVR__GT1 24160	32.95 0.98 0.00	31.34 1.18 0.00	28.69 1.19 0.00	27.25 1.22 0.00	28.27 1.22 0.00	32.48 1.09 0.00	40.66 1.38 0.00	45.07 2.02 0.00	51.37 1.72 0.00	53.25 2.18 0.00	66.36 2.52 0.00	57.95 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.93 -89.50	86.82 3.38 -5.87	72.27 3.26 -2.27	76.49 4.34 -0.24	66.45 3.43 0.00	67.69 2.84 0.00	62.50 1.80 0.00	57.58 1.63 0.00	49.21 1.55 0.00	43.06 1.56 0.00
NYPA_HARLEM__RVR__GT2 24161	32.95 0.98 0.00	31.34 1.18 0.00	28.69 1.19 0.00	27.25 1.22 0.00	28.27 1.22 0.00	32.48 1.09 0.00	40.66 1.38 0.00	45.07 2.02 0.00	51.37 1.72 0.00	53.25 2.18 0.00	66.36 2.52 0.00	57.95 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.93 -89.50	86.82 3.38 -5.87	72.27 3.26 -2.27	76.49 4.34 -0.24	66.45 3.43 0.00	67.69 2.84 0.00	62.50 1.80 0.00	57.58 1.63 0.00	49.21 1.55 0.00	43.06 1.56 0.00
NYPA_KENT____GT 24152	33.05 1.08 0.00	31.43 1.27 0.00	28.80 1.30 0.00	27.35 1.32 0.00	28.36 1.31 0.00	32.60 1.20 0.00	40.79 1.50 0.00	45.25 2.20 0.00	51.57 1.92 0.00	53.42 2.36 0.00	66.53 2.68 0.00	58.11 1.90 0.00	84.24 2.63 0.00	81.88 3.45 0.00	148.91 2.24 -89.50	87.16 3.73 -5.87	72.56 3.55 -2.27	76.78 4.62 -0.24	66.83 3.82 0.00	67.99 3.15 0.00	62.63 1.93 0.00	57.71 1.75 0.00	49.31 1.65 0.00	43.19 1.70 0.00
NYPA_POUCH1____GT 24155	33.06 1.09 0.00	31.44 1.28 0.00	28.81 1.31 0.00	27.36 1.32 0.00	28.35 1.30 0.00	32.61 1.22 0.00	40.79 1.50 0.00	45.23 2.18 0.00	51.50 1.84 0.00	53.32 2.26 0.00	66.36 2.51 0.00	57.86 1.65 0.00	83.83 2.22 0.00	81.72 3.29 0.00	148.81 2.14 -89.50	87.04 3.61 -5.87	72.45 3.44 -2.27	76.67 4.51 -0.24	66.79 3.77 0.00	67.93 3.09 0.00	62.54 1.84 0.00	57.69 1.74 0.00	49.40 1.74 0.00	43.33 1.84 0.00
NYPA_VERNON____GT2 24162	33.00 1.04 0.00	31.39 1.23 0.00	28.77 1.27 0.00	27.33 1.30 0.00	28.33 1.29 0.00	32.56 1.17 0.00	40.73 1.45 0.00	45.21 2.15 0.00	51.53 1.87 0.00	53.38 2.31 0.00	66.58 2.73 0.00	58.17 1.96 0.00	84.33 2.71 0.00	81.86 3.44 0.00	148.91 2.25 -89.50	87.13 3.70 -5.87	72.55 3.54 -2.27	76.73 4.58 -0.24	66.79 3.78 0.00	67.94 3.09 0.00	62.60 1.90 0.00	57.65 1.70 0.00	49.24 1.58 0.00	43.10 1.61 0.00
NYPA_VERNON____GT3 24163	33.00 1.04 0.00	31.39 1.23 0.00	28.77 1.27 0.00	27.33 1.30 0.00	28.33 1.29 0.00	32.56 1.17 0.00	40.73 1.45 0.00	45.21 2.15 0.00	51.53 1.87 0.00	53.38 2.31 0.00	66.58 2.73 0.00	58.17 1.96 0.00	84.33 2.71 0.00	81.86 3.44 0.00	148.91 2.25 -89.50	87.13 3.70 -5.87	72.55 3.54 -2.27	76.73 4.58 -0.24	66.79 3.78 0.00	67.94 3.09 0.00	62.60 1.90 0.00	57.65 1.70 0.00	49.24 1.58 0.00	43.10 1.61 0.00
NYPA____ASTORIA_CC1 323568	32.94 0.97 0.00	31.33 1.17 0.00	28.71 1.21 0.00	27.29 1.26 0.00	28.29 1.24 0.00	32.50 1.11 0.00	40.66 1.37 0.00	45.11 2.05 0.00	51.42 1.76 0.00	53.27 2.21 0.00	66.45 2.60 0.00	58.06 1.85 0.00	84.17 2.56 0.00	81.70 3.27 0.00	148.80 2.13 -89.50	86.97 3.54 -5.87	72.40 3.40 -2.27	76.57 4.42 -0.24	66.63 3.62 0.00	67.81 2.97 0.00	62.52 1.82 0.00	57.57 1.62 0.00	49.14 1.49 0.00	43.02 1.53 0.00
NYPA____ASTORIA_CC2 323569	32.94 0.97 0.00	31.33 1.17 0.00	28.71 1.21 0.00	27.29 1.26 0.00	28.29 1.24 0.00	32.50 1.11 0.00	40.66 1.37 0.00	45.11 2.05 0.00	51.42 1.76 0.00	53.27 2.21 0.00	66.45 2.60 0.00	58.06 1.85 0.00	84.17 2.56 0.00	81.70 3.27 0.00	148.80 2.13 -89.50	86.97 3.54 -5.87	72.40 3.40 -2.27	76.57 4.42 -0.24	66.63 3.62 0.00	67.81 2.97 0.00	62.52 1.82 0.00	57.57 1.62 0.00	49.14 1.49 0.00	43.02 1.53 0.00
NYPA____HOLTSVILL 23794	32.89 0.92 0.00	32.38 1.28 -0.93	28.90 1.41 0.00	27.61 1.57 0.00	28.63 1.57 -0.01	32.73 1.34 -0.01	40.30 1.02 0.00	44.69 1.64 0.00	50.98 1.32 0.00	54.91 1.85 -2.00	65.53 1.68 0.00	56.96 0.75 0.00	56.84 0.23 25.00	40.51 1.22 39.14	39.75 0.55 17.97	28.23 1.49 50.81	66.53 1.70 1.89	75.31 3.16 -0.24	64.93 3.01 1.10	66.77 1.93 0.00	61.28 0.80 0.22	54.74 0.62 1.84	43.16 0.74 5.24	42.49 1.00 0.00
NYPA____HELLGATE_GT1 24158	32.95 0.98 0.00	31.34 1.18 0.00	28.69 1.19 0.00	27.25 1.22 0.00	28.27 1.22 0.00	32.48 1.09 0.00	40.66 1.38 0.00	45.07 2.02 0.00	51.37 1.72 0.00	53.25 2.18 0.00	66.36 2.52 0.00	57.95 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.93 -89.50	86.82 3.38 -5.87	72.27 3.26 -2.27	76.49 4.34 -0.24	66.45 3.43 0.00	67.69 2.84 0.00	62.50 1.80 0.00	57.58 1.63 0.00	49.21 1.55 0.00	43.06 1.56 0.00
NYPA____HELLGATE_GT2 24159	32.95 0.98 0.00	31.34 1.18 0.00	28.69 1.19 0.00	27.25 1.22 0.00	28.27 1.22 0.00	32.48 1.09 0.00	40.66 1.38 0.00	45.07 2.02 0.00	51.37 1.72 0.00	53.25 2.18 0.00	66.36 2.52 0.00	57.95 1.74 0.00	84.01 2.40 0.00	81.53 3.10 0.00	148.59 1.93 -89.50	86.82 3.38 -5.87	72.27 3.26 -2.27	76.49 4.34 -0.24	66.45 3.43 0.00	67.69 2.84 0.00	62.50 1.80 0.00	57.58 1.63 0.00	49.21 1.55 0.00	43.06 1.56 0.00
NYS_BARGE____HYD 23848	32.91 0.94 0.00	30.87 0.71 0.00	27.90 0.40 0.00	26.30 0.26 0.00	27.30 0.25 0.00	31.72 0.33 0.00	39.60 0.31 0.00	43.74 0.69 0.00	50.89 1.24 0.00	52.42 1.36 0.00	65.34 1.50 0.00	58.01 1.80 0.00	84.55 2.94 0.00	81.84 3.41 0.00	59.52 2.35 0.00	78.61 1.04 0.00	66.83 0.10 0.00	72.56 0.65 0.00	63.85 0.84 0.00	65.10 0.26 0.00	60.05 -0.65 0.00	54.89 -1.06 0.00	46.31 -1.35 0.00	39.97 -1.52 0.00
OAK ORCHARD____HYD 24046	32.95 0.98 0.00	30.97 0.81 0.00	28.10 0.60 0.00	26.55 0.51 0.00	27.55 0.50 0.00	31.94 0.55 0.00	39.91 0.62 0.00	44.10 1.04 0.00	51.15 1.50 0.00	52.83 1.76 0.00	65.94 2.09 0.00	58.32 2.11 0.00	85.02 3.41 0.00	82.27 3.84 0.00	59.94 2.78 0.00	79.93 2.37 0.00	68.32 1.59 0.00	73.97 2.05 0.00	64.96 1.95 0.00	66.36 1.52 0.00	61.46 0.76 0.00	56.29 0.33 0.00	47.53 -0.13 0.00	41.06 -0.43 0.00

OAKDALE___35_KV_LOAD 356122	32.47 0.51 0.00	30.80 0.64 0.00	28.05 0.55 0.00	26.59 0.55 0.00	27.57 0.52 0.00	31.85 0.46 0.00	39.77 0.49 0.00	43.90 0.85 0.00	50.61 0.96 0.00	52.05 0.98 0.00	65.07 1.22 0.00	57.20 0.99 0.00	82.95 1.33 0.00	79.92 1.49 0.00	58.02 0.86 0.00	78.55 0.99 0.00	67.53 0.80 0.00	73.38 1.46 -0.01	64.65 1.64 0.00	66.14 1.28 -0.01	61.31 0.61 0.00	56.34 0.38 0.00	47.75 0.08 0.00	41.39 -0.10 0.00
OCC_CHEM___DRP 24175	32.33 0.37 0.00	30.35 0.19 0.00	27.42 -0.08 0.00	25.85 -0.18 0.00	26.83 -0.22 0.00	31.16 -0.22 0.00	38.87 -0.41 0.00	42.94 -0.12 0.00	49.98 0.33 0.00	51.48 0.42 0.00	64.16 0.31 0.00	56.99 0.78 0.00	83.09 1.48 0.00	80.59 2.16 0.00	58.53 1.37 0.00	77.28 -0.28 0.00	65.68 -1.06 0.00	71.33 -0.59 0.00	62.71 -0.31 0.00	63.93 -0.92 0.00	58.96 -1.74 0.00	53.86 -2.10 0.00	45.47 -2.19 0.00	39.22 -2.27 0.00
OH_GEN_PROXY 24063	32.47 0.50 0.00	30.50 0.34 0.00	27.58 0.09 0.00	26.02 -0.02 0.00	27.01 -0.04 0.00	31.02 -0.04 0.33	39.14 -0.15 0.00	43.26 0.20 0.00	50.31 0.66 0.00	51.80 0.74 0.00	64.56 0.71 0.00	57.27 1.07 0.00	83.50 1.89 0.00	80.87 2.44 0.00	58.71 1.55 0.00	77.64 0.08 0.00	66.06 -0.67 0.00	71.74 -0.18 0.00	63.07 0.05 0.00	63.14 -0.53 1.18	59.33 -1.37 0.00	99.99 -1.74 -45.77	45.77 -1.89 0.00	39.48 -2.01 0.00
OLIN_CORP_DRP 24177	32.49 0.52 0.00	30.49 0.33 0.00	27.55 0.05 0.00	25.98 -0.06 0.00	26.96 -0.09 0.00	31.31 -0.08 0.00	39.08 -0.20 0.00	43.13 0.08 0.00	50.17 0.51 0.00	51.64 0.58 0.00	64.38 0.53 0.00	57.23 1.01 0.00	83.44 1.83 0.00	80.68 2.24 0.00	58.62 1.45 0.00	77.33 -0.23 0.00	65.73 -1.00 0.00	71.40 -0.51 0.00	62.79 -0.23 0.00	64.01 -0.84 0.00	59.04 -1.66 0.00	53.96 -2.00 0.00	45.57 -2.09 0.00	39.40 -2.09 0.00
OLIN_CORP_DSASP 323712	32.33 0.37 0.00	30.35 0.19 0.00	27.42 -0.08 0.00	25.85 -0.18 0.00	26.83 -0.22 0.00	31.16 -0.23 0.00	38.87 -0.42 0.00	42.94 -0.12 0.00	49.98 0.33 0.00	51.48 0.42 0.00	64.16 0.31 0.00	56.98 0.78 0.00	83.11 1.49 0.00	80.60 2.17 0.00	58.55 1.38 0.00	77.28 -0.28 0.00	65.68 -1.06 0.00	71.33 -0.58 0.00	62.71 -0.30 0.00	63.93 -0.92 0.00	58.96 -1.74 0.00	53.87 -2.08 0.00	45.49 -2.17 0.00	39.22 -2.28 0.00
ONEIDA_HERK_LFGE 323681	32.51 0.54 0.00	30.74 0.58 0.00	28.07 0.57 0.00	26.65 0.62 0.00	27.82 0.77 0.00	32.32 0.93 0.00	40.46 1.18 0.00	44.53 1.48 0.00	51.32 1.66 0.00	52.58 1.52 0.00	65.64 1.79 0.00	57.56 1.35 0.00	83.53 1.93 0.00	80.13 1.70 0.00	58.58 1.41 0.00	79.68 2.12 0.00	68.81 2.08 0.00	74.51 2.59 0.00	65.65 2.64 0.00	67.70 2.85 0.00	63.39 2.69 0.00	58.43 2.47 0.00	49.66 2.00 0.00	43.02 1.53 0.00
ONEIDA___115KV_TB4 55905	32.88 0.91 0.00	31.09 0.93 0.00	28.36 0.86 0.00	26.90 0.87 0.00	27.96 0.91 0.00	32.44 1.05 0.00	40.47 1.18 0.00	44.49 1.44 0.00	51.39 1.73 0.00	52.83 1.76 0.00	66.02 2.17 0.00	57.97 1.76 0.00	84.05 2.44 0.00	80.68 2.25 0.00	58.86 1.69 0.00	79.98 2.42 0.00	69.25 2.52 0.00	75.14 3.22 -0.01	66.14 3.13 0.00	67.87 3.02 -0.01	63.38 2.68 0.00	58.32 2.36 0.00	49.48 1.82 0.00	42.84 1.35 0.00
ONONDAGA_REF_OCCRA 23987	32.21 0.25 0.00	30.46 0.30 0.00	27.82 0.32 0.00	26.41 0.38 0.00	27.32 0.27 0.00	31.61 0.22 0.00	39.35 0.06 0.00	43.33 0.28 0.00	50.00 0.35 0.00	51.48 0.42 0.00	64.35 0.51 0.00	56.61 0.40 0.00	82.18 0.57 0.00	79.12 0.69 0.00	57.69 0.52 0.00	78.21 0.65 0.00	67.40 0.67 0.00	73.06 1.13 -0.01	64.11 1.10 0.00	65.73 0.87 -0.02	61.13 0.43 0.00	56.20 0.24 0.00	47.68 0.02 0.00	41.33 -0.16 0.00
ONONDAGA___COGEN 23986	32.10 0.14 0.00	30.31 0.15 0.00	27.88 0.38 0.00	26.63 0.59 0.00	27.38 0.32 0.00	31.51 0.12 0.00	39.27 -0.01 0.00	43.23 0.18 0.00	49.86 0.20 0.00	51.31 0.24 0.00	64.15 0.30 0.00	56.41 0.20 0.00	81.87 0.26 0.00	78.89 0.45 0.00	57.55 0.38 0.00	78.02 0.46 0.00	67.23 0.50 0.00	72.81 0.88 -0.01	63.86 0.85 0.00	65.45 0.58 -0.03	60.93 0.23 0.00	56.02 0.06 0.00	47.51 -0.15 0.00	41.21 -0.28 0.00
ONTARIO___LFGE 23819	32.94 0.97 0.00	31.07 0.91 0.00	28.33 0.84 0.00	26.92 0.89 0.00	27.84 0.79 0.00	32.18 0.79 0.00	40.27 0.99 0.00	44.58 1.53 0.00	51.50 1.85 0.00	52.87 1.81 0.00	66.27 2.43 0.00	58.38 2.18 0.00	84.80 3.19 0.00	82.05 3.62 0.00	59.68 2.52 0.00	80.49 2.93 0.00	68.96 2.23 0.00	75.04 3.12 -0.01	66.05 3.04 0.00	67.52 2.66 -0.01	62.51 1.81 0.00	57.29 1.33 0.00	48.30 0.64 0.00	41.66 0.17 0.00
ORANGEVILLE_WT_PWR 323706	32.60 0.63 0.00	30.68 0.52 0.00	27.87 0.38 0.00	26.37 0.34 0.00	27.36 0.30 0.00	31.74 0.35 0.00	39.64 0.35 0.00	43.86 0.81 0.00	50.91 1.26 0.00	52.26 1.20 0.00	65.22 1.38 0.00	57.79 1.58 0.00	84.37 2.75 0.00	81.72 3.29 0.00	59.08 1.92 0.00	78.33 0.77 0.00	66.94 0.21 0.00	72.95 1.03 0.00	64.65 1.64 0.00	66.02 1.17 0.00	60.87 0.17 0.00	55.62 -0.33 0.00	46.77 -0.89 0.00	40.25 -1.25 0.00
ORANGEVILLE___ESR 323794	32.60 0.63 0.00	30.68 0.52 0.00	27.87 0.38 0.00	26.37 0.34 0.00	27.36 0.30 0.00	31.74 0.35 0.00	39.64 0.35 0.00	43.86 0.81 0.00	50.91 1.26 0.00	52.26 1.20 0.00	65.22 1.38 0.00	57.79 1.58 0.00	84.37 2.75 0.00	81.72 3.29 0.00	59.08 1.92 0.00	78.33 0.77 0.00	66.94 0.21 0.00	72.95 1.03 0.00	64.65 1.64 0.00	66.02 1.17 0.00	60.87 0.17 0.00	55.62 -0.33 0.00	46.77 -0.89 0.00	40.25 -1.25 0.00
OSWEGATCHIE___HYD 24044	32.33 0.36 0.00	30.43 0.27 0.00	27.71 0.21 0.00	26.30 0.27 0.00	27.52 0.47 0.00	32.18 0.79 0.00	40.54 1.26 0.00	44.50 1.45 0.00	51.19 1.53 0.00	52.18 1.11 0.00	65.05 1.21 0.00	57.31 1.10 0.00	83.28 1.67 0.00	79.44 1.01 0.00	58.17 1.01 0.00	78.96 1.40 0.00	67.99 1.26 0.00	72.93 1.01 -0.01	64.32 1.31 0.00	66.86 2.01 -0.01	63.18 2.48 0.00	58.42 2.46 0.00	49.93 2.27 0.00	43.34 1.85 0.00
OSWEGO___5 23606	31.53 -0.44 0.00	29.78 -0.38 0.00	27.10 -0.40 0.00	25.62 -0.42 0.00	26.71 -0.35 0.00	30.94 -0.44 0.00	38.55 -0.73 0.00	42.34 -0.72 0.00	48.82 -0.83 0.00	50.26 -0.81 0.00	62.78 -1.07 0.00	55.26 -0.95 0.00	80.23 -1.39 0.00	77.20 -1.23 0.00	56.29 -0.87 0.00	76.21 -1.35 0.00	65.60 -1.13 0.00	71.00 -0.98 -0.06	62.27 -0.74 0.00	63.99 -0.95 -0.10	59.54 -1.16 0.00	54.83 -1.14 -0.01	46.59 -1.07 0.00	40.45 -1.04 0.00
OSWEGO___6 23613	31.53 -0.44 0.00	29.78 -0.38 0.00	27.10 -0.40 0.00	25.62 -0.42 0.00	26.71 -0.35 0.00	30.94 -0.44 0.00	38.55 -0.73 0.00	42.34 -0.72 0.00	48.82 -0.83 0.00	50.26 -0.81 0.00	62.78 -1.07 0.00	55.26 -0.95 0.00	80.23 -1.39 0.00	77.20 -1.23 0.00	56.29 -0.87 0.00	76.21 -1.35 0.00	65.60 -1.13 0.00	71.00 -0.98 -0.06	62.27 -0.74 0.00	63.99 -0.95 -0.10	59.54 -1.16 0.00	54.83 -1.14 -0.01	46.59 -1.07 0.00	40.45 -1.04 0.00

OUTOKUMPU-AB___DRP 24206	33.09 1.12 0.00	31.04 0.88 0.00	28.04 0.54 0.00	26.44 0.41 0.00	27.43 0.38 0.00	31.88 0.49 0.00	39.80 0.52 0.00	44.07 1.02 0.00	51.35 1.70 0.00	52.91 1.84 0.00	65.95 2.11 0.00	58.53 2.33 0.00	85.33 3.72 0.00	82.82 4.39 0.00	60.18 3.01 0.00	79.53 1.97 0.00	67.57 0.84 0.00	73.41 1.50 0.00	64.59 1.57 0.00	65.82 0.97 0.00	60.66 -0.04 0.00	55.39 -0.57 0.00	46.68 -0.98 0.00	40.21 -1.29 0.00
OXBOW___BTM 323836	32.72 0.75 0.00	30.70 0.54 0.00	27.73 0.24 0.00	26.14 0.11 0.00	27.14 0.08 0.00	31.52 0.13 0.00	39.34 0.06 0.00	43.51 0.46 0.00	50.68 1.03 0.00	52.22 1.16 0.00	65.11 1.26 0.00	57.79 1.59 0.00	84.30 2.70 0.00	81.79 3.36 0.00	59.45 2.28 0.00	78.52 0.95 0.00	66.69 -0.04 0.00	72.46 0.55 0.00	63.72 0.71 0.00	64.94 0.10 0.00	59.87 -0.83 0.00	54.68 -1.28 0.00	46.13 -1.53 0.00	39.73 -1.76 0.00
OXBOW___ 24026	32.72 0.75 0.00	30.70 0.54 0.00	27.73 0.24 0.00	26.14 0.11 0.00	27.14 0.08 0.00	31.52 0.12 0.00	39.34 0.06 0.00	43.51 0.46 0.00	50.68 1.03 0.00	52.22 1.16 0.00	65.10 1.26 0.00	57.79 1.58 0.00	84.30 2.68 0.00	81.80 3.37 0.00	59.43 2.27 0.00	78.52 0.96 0.00	66.69 -0.04 0.00	72.46 0.55 0.00	63.72 0.70 0.00	64.94 0.10 0.00	59.87 -0.83 0.00	54.67 -1.29 0.00	46.11 -1.55 0.00	39.73 -1.76 0.00
OXY_CHEM_DSASP 323612	32.33 0.37 0.00	30.35 0.19 0.00	27.42 -0.08 0.00	25.85 -0.18 0.00	26.83 -0.22 0.00	31.16 -0.22 0.00	38.87 -0.41 0.00	42.94 -0.12 0.00	49.98 0.33 0.00	51.48 0.42 0.00	64.16 0.31 0.00	56.99 0.78 0.00	83.09 1.48 0.00	80.59 2.16 0.00	58.53 1.37 0.00	77.28 -0.28 0.00	65.68 -1.06 0.00	71.33 -0.59 0.00	62.71 -0.31 0.00	63.93 -0.92 0.00	58.96 -1.74 0.00	53.86 -2.10 0.00	45.47 -2.19 0.00	39.22 -2.27 0.00
OZONE_PARK_ESR 323760	33.26 1.29 0.00	31.61 1.45 0.00	28.96 1.46 0.00	27.50 1.47 0.00	28.52 1.47 0.00	32.78 1.39 0.00	41.02 1.73 0.00	45.52 2.47 0.00	51.95 2.30 0.00	53.85 2.78 0.00	67.18 3.33 0.00	58.70 2.49 0.00	85.06 3.45 0.00	82.60 4.17 0.00	149.47 2.80 -89.50	87.84 4.41 -5.87	73.19 4.19 -2.27	77.51 5.36 -0.24	67.51 4.49 0.00	68.64 3.80 0.00	63.30 2.60 0.00	58.32 2.36 0.00	49.81 2.15 0.00	43.50 2.01 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.33 0.37 0.00	30.35 0.19 0.00	27.42 -0.08 0.00	25.85 -0.18 0.00	26.83 -0.22 0.00	31.16 -0.22 0.00	38.87 -0.41 0.00	42.94 -0.12 0.00	49.98 0.33 0.00	51.48 0.42 0.00	64.16 0.31 0.00	56.99 0.78 0.00	83.09 1.48 0.00	80.59 2.16 0.00	58.53 1.37 0.00	77.28 -0.28 0.00	65.68 -1.06 0.00	71.33 -0.59 0.00	62.71 -0.31 0.00	63.93 -0.92 0.00	58.96 -1.74 0.00	53.86 -2.10 0.00	45.47 -2.19 0.00	39.22 -2.27 0.00
PACKARD___115KV_DUPONT_184 80571	32.33 0.37 0.00	30.35 0.19 0.00	27.42 -0.08 0.00	25.85 -0.18 0.00	26.83 -0.22 0.00	31.16 -0.22 0.00	38.87 -0.41 0.00	42.94 -0.12 0.00	49.98 0.33 0.00	51.48 0.42 0.00	64.16 0.31 0.00	56.99 0.78 0.00	83.09 1.48 0.00	80.59 2.16 0.00	58.53 1.37 0.00	77.28 -0.28 0.00	65.68 -1.06 0.00	71.33 -0.59 0.00	62.71 -0.31 0.00	63.93 -0.92 0.00	58.96 -1.74 0.00	53.86 -2.10 0.00	45.47 -2.19 0.00	39.22 -2.27 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.97 1.00 0.00	31.35 1.19 0.00	28.71 1.21 0.00	27.27 1.24 0.00	28.29 1.23 0.00	32.51 1.12 0.00	40.69 1.40 0.00	45.10 2.05 0.00	51.44 1.79 0.00	53.32 2.25 0.00	66.51 2.66 0.00	58.07 1.87 0.00	84.21 2.60 0.00	81.71 3.27 0.00	148.74 2.08 -89.50	86.98 3.54 -5.87	72.39 3.39 -2.27	76.58 4.42 -0.24	66.62 3.61 0.00	67.85 3.00 0.00	62.60 1.90 0.00	57.69 1.73 0.00	49.31 1.65 0.00	43.11 1.62 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.66 1.70 0.00	32.04 1.88 0.00	29.36 1.86 0.00	27.89 1.86 0.00	28.98 1.93 0.00	33.34 1.95 0.00	41.79 2.51 0.00	46.31 3.26 0.00	52.80 3.14 0.00	54.70 3.63 0.00	68.24 4.39 0.00	59.60 3.39 0.00	86.40 4.79 0.00	83.85 5.42 0.00	150.50 3.83 -89.50	89.04 5.61 -5.87	74.19 5.19 -2.27	78.48 6.32 -0.24	68.58 5.57 0.00	69.87 5.03 0.00	64.15 3.45 0.00	59.10 3.15 0.00	50.51 2.85 0.00	44.17 2.68 0.00
PATROON___115KV_TB1 80586	32.17 0.20 0.00	30.66 0.49 0.00	28.10 0.60 0.00	26.61 0.57 0.00	27.59 0.53 0.00	31.74 0.35 0.00	39.46 0.17 0.00	43.43 0.38 0.00	49.86 0.20 0.00	51.53 0.46 0.00	64.23 0.39 0.00	56.26 0.05 0.00	81.67 0.05 0.00	78.57 0.14 0.00	-0.40 0.06 57.62	74.02 0.24 3.78	65.59 0.33 1.46	72.63 0.86 0.15	63.78 0.77 0.00	65.52 0.68 0.00	60.86 0.16 0.00	56.13 0.17 0.00	47.96 0.30 0.00	41.83 0.33 0.00
PATTRSNVILLE___SOLAR 323815	32.82 0.85 0.00	31.13 0.97 0.00	28.44 0.94 0.00	26.95 0.91 0.00	27.98 0.93 0.00	32.31 0.92 0.00	40.35 1.06 0.00	44.31 1.25 0.00	50.85 1.20 0.00	52.40 1.33 0.00	65.30 1.45 0.00	57.16 0.95 0.00	83.04 1.43 0.00	79.57 1.14 0.00	10.73 0.85 47.29	75.29 0.83 3.10	66.47 0.94 1.20	73.28 1.49 0.13	64.71 1.70 0.00	67.01 2.16 0.00	62.49 1.79 0.00	57.60 1.64 0.00	49.08 1.42 0.00	42.73 1.24 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.17 1.20 0.00	31.15 0.99 0.00	28.17 0.67 0.00	26.59 0.55 0.00	27.61 0.56 0.00	32.06 0.67 0.00	40.09 0.81 0.00	44.48 1.43 0.00	51.80 2.14 0.00	53.19 2.13 0.00	66.27 2.43 0.00	58.66 2.45 0.00	85.41 3.80 0.00	82.83 4.40 0.00	60.14 2.97 0.00	79.71 2.15 0.00	67.86 1.13 0.00	73.57 1.65 0.00	64.80 1.79 0.00	65.98 1.14 0.00	60.79 0.09 0.00	55.51 -0.44 0.00	46.73 -0.93 0.00	40.34 -1.15 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.25 1.29 0.00	31.61 1.45 0.00	28.97 1.47 0.00	27.48 1.45 0.00	28.49 1.44 0.00	32.77 1.38 0.00	40.95 1.66 0.00	45.39 2.34 0.00	51.90 2.25 0.00	53.73 2.66 0.00	67.13 3.28 0.00	58.71 2.51 0.00	85.17 3.56 0.00	82.52 4.09 0.00	147.53 2.77 -87.59	87.52 4.21 -5.75	72.91 3.95 -2.23	77.44 5.30 -0.23	67.58 4.57 0.00	68.74 3.89 0.00	63.15 2.45 0.00	58.19 2.23 0.00	49.62 1.97 0.00	43.25 1.76 0.00
PEEKSKILL___ 23653	32.83 0.86 0.00	31.22 1.06 0.00	28.62 1.12 0.00	27.18 1.15 0.00	28.17 1.12 0.00	32.39 0.99 0.00	40.43 1.14 0.00	44.78 1.72 0.00	51.15 1.50 0.00	52.94 1.88 0.00	66.06 2.21 0.00	57.81 1.60 0.00	83.83 2.22 0.00	81.27 2.84 0.00	147.28 1.80 -88.31	86.30 2.95 -5.79	71.82 2.84 -2.24	76.03 3.88 -0.24	66.32 3.31 0.00	67.57 2.72 0.00	62.38 1.68 0.00	57.50 1.54 0.00	49.08 1.42 0.00	42.85 1.36 0.00
PGE MADISON___WINDPWR 24146	34.16 2.19 0.00	32.42 2.26 0.00	29.59 2.09 0.00	28.13 2.09 0.00	29.11 2.06 0.00	33.99 2.60 0.00	42.60 3.31 0.00	47.37 4.32 0.00	54.65 5.00 0.00	55.98 4.91 0.00	70.22 6.37 0.00	61.52 5.31 0.00	88.68 7.07 0.00	85.37 6.94 0.00	61.79 4.63 0.00	83.32 5.77 0.00	72.35 5.62 0.00	78.83 6.91 -0.01	70.24 7.22 0.00	72.38 7.53 -0.01	67.31 6.61 0.00	61.41 5.45 0.00	51.85 4.19 0.00	44.69 3.20 0.00

PIERCEFIELD___HYD 23852	32.45 0.48 0.00	30.40 0.24 0.00	27.59 0.09 0.00	26.10 0.07 0.00	27.21 0.16 0.00	31.94 0.55 0.00	40.36 1.08 0.00	44.07 1.02 0.00	50.75 1.10 0.00	51.91 0.84 0.00	64.83 0.98 0.00	57.53 1.32 0.00	83.55 1.94 0.00	79.54 1.11 0.00	58.14 0.97 0.00	78.69 1.13 0.00	67.59 0.86 0.00	71.78 -0.13 0.00	63.02 0.00 0.00	65.53 0.68 0.00	62.20 1.49 0.00	57.65 1.69 0.00	49.43 1.77 0.00	43.09 1.59 0.00
PINELAWN_CC_1 323563	33.08 1.12 0.00	32.58 1.39 -1.03	28.97 1.47 0.00	27.61 1.57 0.00	28.63 1.57 -0.01	32.80 1.41 -0.01	40.60 1.31 0.00	45.01 1.96 0.00	51.43 1.77 0.00	55.56 2.29 -2.20	66.25 2.40 0.00	57.61 1.40 0.00	60.28 0.61 21.94	45.36 1.12 34.19	58.36 0.38 -0.81	46.62 0.97 31.91	66.76 1.41 1.38	74.95 2.79 -0.24	64.56 2.53 0.99	66.40 1.55 0.00	60.96 0.51 0.25	54.95 0.55 1.56	43.82 0.75 4.58	42.82 1.33 0.00
PJM_GEN_HTTP_PROXY 323702	32.95 0.98 0.00	31.33 1.17 0.00	28.71 1.21 0.00	27.28 1.25 0.00	28.29 1.23 0.00	32.45 1.10 0.04	42.06 1.33 -1.45	45.06 2.00 0.00	51.40 1.75 0.00	52.76 2.22 0.53	66.47 2.62 0.00	58.09 1.88 0.00	84.19 2.58 0.00	81.69 3.26 0.00	147.15 2.11 -87.88	86.83 3.40 -5.87	72.27 3.26 -2.27	76.48 4.32 -0.24	66.62 3.60 0.00	68.48 2.91 -0.72	62.50 1.80 0.00	57.57 1.62 0.00	49.17 1.51 0.00	42.99 1.50 0.00
PJM_GEN_KEystone 24065	32.59 0.62 0.00	30.92 0.75 0.00	28.20 0.70 0.00	26.73 0.70 0.00	27.72 0.67 0.00	31.92 0.58 0.04	41.38 0.65 -1.45	44.24 1.19 0.00	50.85 1.19 0.00	51.86 1.32 0.53	65.36 1.51 0.00	57.37 1.16 0.00	83.30 1.69 0.00	80.69 2.25 0.00	106.47 1.30 -48.01	82.19 1.38 -3.25	69.04 1.05 -1.26	73.88 1.83 -0.13	64.81 1.80 0.00	66.71 1.15 -0.72	60.37 0.18 0.51	55.98 0.03 0.00	47.55 -0.11 0.00	41.34 -0.15 0.00
PJM_GEN_NEPTUNE_PROXY 323594	32.80 0.83 0.00	32.13 1.10 -0.87	28.69 1.19 0.00	27.34 1.30 0.00	28.34 1.28 -0.01	32.43 1.08 0.04	41.71 1.13 -1.45	44.65 1.79 0.00	50.98 1.50 0.00	54.22 1.93 -1.33	65.74 2.20 0.00	57.32 1.52 0.00	55.50 1.93 27.02	37.67 2.64 42.40	26.10 1.66 31.97	16.16 2.86 63.26	66.51 2.83 2.23	75.48 3.83 -0.24	64.48 3.16 1.36	67.49 2.44 -0.72	61.28 1.36 0.27	54.39 0.85 2.25	42.63 0.69 5.81	42.52 1.03 0.00
PJM_GEN_VFT_PROXY 323633	32.77 0.81 0.00	31.17 1.01 0.00	28.57 1.06 0.00	27.13 1.10 0.00	28.12 1.07 0.00	32.29 0.94 0.04	41.86 1.13 -1.45	44.84 1.79 0.00	51.15 1.50 0.00	52.47 1.93 0.53	66.05 2.20 0.00	57.73 1.52 0.00	83.54 1.93 0.00	81.07 2.64 0.00	146.71 1.66 -87.88	86.29 2.86 -5.87	71.84 2.83 -2.27	75.99 3.83 -0.24	66.18 3.16 0.00	68.01 2.44 -0.72	62.06 1.36 0.00	57.20 1.24 0.00	48.88 1.22 0.00	42.75 1.26 0.00
PLATSBURG_115KV_PMLD1 355749	32.39 0.42 0.00	30.31 0.15 0.00	27.37 -0.12 0.00	25.87 -0.17 0.00	26.99 -0.06 0.00	31.67 0.28 0.00	40.03 0.74 0.00	43.63 0.57 0.00	50.36 0.70 0.00	51.73 0.67 0.00	64.64 0.79 0.00	57.36 1.15 0.00	83.63 2.01 0.00	80.04 1.61 0.00	58.48 1.31 0.00	79.71 2.15 0.00	68.67 1.94 0.00	73.45 1.53 0.00	64.33 1.32 0.00	66.61 1.77 0.00	62.87 2.17 0.00	58.06 2.11 0.00	49.49 1.83 0.00	43.05 1.56 0.00
PLEASANTVLY___LBMP 24000	32.64 0.67 0.00	31.06 0.90 0.00	28.50 1.00 0.00	27.05 1.01 0.00	28.04 0.99 0.00	32.20 0.81 0.00	40.16 0.87 0.00	44.43 1.38 0.00	50.79 1.14 0.00	52.56 1.49 0.00	65.62 1.78 0.00	57.40 1.19 0.00	83.26 1.65 0.00	80.52 2.09 0.00	155.70 1.24 -97.29	86.10 2.15 -6.38	71.32 2.12 -2.47	75.21 3.04 -0.26	65.60 2.59 0.00	66.94 2.10 0.00	61.89 1.19 0.00	57.05 1.10 0.00	48.75 1.09 0.00	42.55 1.06 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.89 0.92 0.00	31.28 1.12 0.00	28.67 1.17 0.00	27.22 1.19 0.00	28.23 1.17 0.00	32.42 1.03 0.00	40.50 1.21 0.00	44.86 1.81 0.00	51.23 1.57 0.00	53.05 1.99 0.00	66.21 2.36 0.00	57.92 1.71 0.00	83.96 2.35 0.00	81.36 2.93 0.00	149.08 1.87 -90.04	86.49 3.03 -5.91	71.99 2.97 -2.29	76.20 4.04 -0.24	66.45 3.43 0.00	67.69 2.84 0.00	62.47 1.77 0.00	57.58 1.63 0.00	49.16 1.50 0.00	42.92 1.43 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.89 0.92 0.00	31.28 1.12 0.00	28.67 1.17 0.00	27.22 1.19 0.00	28.23 1.17 0.00	32.42 1.03 0.00	40.50 1.21 0.00	44.86 1.81 0.00	51.23 1.57 0.00	53.05 1.99 0.00	66.21 2.36 0.00	57.92 1.71 0.00	83.96 2.35 0.00	81.36 2.93 0.00	149.08 1.87 -90.04	86.49 3.03 -5.91	71.99 2.97 -2.29	76.20 4.04 -0.24	66.45 3.43 0.00	67.69 2.84 0.00	62.47 1.77 0.00	57.58 1.63 0.00	49.16 1.50 0.00	42.92 1.43 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.93 0.96 0.00	31.32 1.16 0.00	28.72 1.22 0.00	27.25 1.21 0.00	28.25 1.20 0.00	32.46 1.07 0.00	40.52 1.23 0.00	44.84 1.79 0.00	51.30 1.64 0.00	53.08 2.02 0.00	66.31 2.46 0.00	58.02 1.81 0.00	84.16 2.55 0.00	81.44 3.01 0.00	144.77 1.96 -85.64	86.28 3.10 -5.62	71.87 2.96 -2.18	76.23 4.09 -0.23	66.51 3.49 0.00	67.84 3.00 0.00	62.70 2.00 0.00	57.77 1.81 0.00	49.31 1.65 0.00	42.98 1.49 0.00
POLETTI____ 23519	32.87 0.90 0.00	31.26 1.10 0.00	28.65 1.15 0.00	27.22 1.18 0.00	28.22 1.17 0.00	32.43 1.04 0.00	40.53 1.25 0.00	44.96 1.91 0.00	51.30 1.64 0.00	53.15 2.08 0.00	66.30 2.46 0.00	57.95 1.74 0.00	83.97 2.36 0.00	81.49 3.05 0.00	148.64 1.97 -89.50	86.69 3.26 -5.87	72.18 3.17 -2.27	76.38 4.22 -0.24	66.54 3.52 0.00	67.63 2.79 0.00	62.38 1.68 0.00	57.48 1.52 0.00	49.11 1.45 0.00	42.92 1.43 0.00
POMONA___ESR 323819	32.89 0.92 0.00	31.28 1.12 0.00	28.66 1.16 0.00	27.21 1.18 0.00	28.20 1.15 0.00	32.42 1.03 0.00	40.51 1.23 0.00	44.88 1.83 0.00	51.28 1.63 0.00	53.03 1.97 0.00	66.18 2.33 0.00	57.98 1.78 0.00	84.12 2.51 0.00	81.59 3.17 0.00	144.49 2.03 -85.30	86.41 3.25 -5.60	72.00 3.10 -2.17	76.30 4.15 -0.23	66.58 3.56 0.00	67.81 2.97 0.00	62.61 1.91 0.00	57.71 1.75 0.00	49.26 1.60 0.00	42.97 1.48 0.00
PORT_JEFF_3 23555	32.96 0.99 0.00	32.43 1.34 -0.93	28.96 1.46 0.00	27.66 1.62 0.00	28.69 1.63 -0.01	32.80 1.40 -0.01	40.40 1.11 0.00	44.80 1.75 0.00	51.08 1.43 0.00	55.05 1.98 -2.00	65.69 1.84 0.00	57.02 0.81 0.00	57.05 0.40 24.96	40.82 1.47 39.08	40.16 0.74 17.75	28.63 1.66 50.59	66.68 1.84 1.89	75.52 3.37 -0.24	65.09 3.17 1.09	66.93 2.08 0.00	61.42 0.93 0.22	54.91 0.79 1.84	43.34 0.91 5.23	42.61 1.12 0.00
PORT_JEFF_4 23616	32.96 0.99 0.00	32.43 1.34 -0.93	28.96 1.46 0.00	27.66 1.62 0.00	28.69 1.63 -0.01	32.80 1.40 -0.01	40.40 1.11 0.00	44.80 1.75 0.00	51.08 1.43 0.00	55.05 1.98 -2.00	65.69 1.84 0.00	57.02 0.81 0.00	57.05 0.40 24.96	40.82 1.47 39.08	40.16 0.74 17.75	28.63 1.66 50.59	66.68 1.84 1.89	75.52 3.37 -0.24	65.09 3.17 1.09	66.93 2.08 0.00	61.42 0.93 0.22	54.91 0.79 1.84	43.34 0.91 5.23	42.61 1.12 0.00

PORT_JEFF_IC 23713	32.97 1.00 0.00	32.45 1.36 -0.94	28.97 1.47 0.00	27.66 1.63 0.00	28.70 1.64 -0.01	32.81 1.42 -0.01	40.41 1.12 0.00	44.81 1.75 0.00	51.04 1.39 0.00	55.05 1.98 -2.01	65.66 1.81 0.00	56.81 0.60 0.00	57.10 0.35 24.86	41.11 1.60 38.92	40.87 0.83 17.13	29.17 1.57 49.96	66.56 1.70 1.87	75.40 3.24 -0.24	65.05 3.13 1.09	66.81 1.97 0.00	61.29 0.81 0.22	54.95 0.82 1.83	43.50 1.05 5.21	42.64 1.15 0.00
PPL PILGRIM_ST_GT1 24216	33.20 1.23 0.00	32.65 1.54 -0.95	29.12 1.62 0.00	27.78 1.75 0.00	28.80 1.75 -0.01	32.98 1.59 -0.01	40.74 1.45 0.00	45.19 2.14 0.00	51.64 1.98 0.00	55.58 2.48 -2.03	66.22 2.37 0.00	57.56 1.35 0.00	58.27 1.12 24.46	42.23 2.07 38.27	43.59 1.11 14.68	32.10 2.05 47.51	67.15 2.23 1.80	75.89 3.73 -0.24	65.37 3.40 1.05	67.24 2.40 0.00	61.78 1.29 0.21	55.19 1.01 1.77	43.58 1.03 5.11	42.88 1.39 0.00
PPL PILGRIM_ST_GT2 24217	33.20 1.23 0.00	32.65 1.54 -0.95	29.12 1.62 0.00	27.78 1.75 0.00	28.80 1.75 -0.01	32.98 1.59 -0.01	40.74 1.45 0.00	45.19 2.14 0.00	51.64 1.98 0.00	55.58 2.48 -2.03	66.22 2.37 0.00	57.56 1.35 0.00	58.27 1.12 24.46	42.23 2.07 38.27	43.59 1.11 14.68	32.10 2.05 47.51	67.15 2.23 1.80	75.89 3.73 -0.24	65.37 3.40 1.05	67.24 2.40 0.00	61.78 1.29 0.21	55.19 1.01 1.77	43.58 1.03 5.11	42.88 1.39 0.00
PPL_SHRM_GT3 24213	32.56 0.59 0.00	32.20 1.10 -0.94	28.76 1.26 0.00	27.51 1.48 0.00	28.59 1.54 -0.01	32.64 1.25 -0.01	39.93 0.64 0.00	44.29 1.23 0.00	50.47 0.82 0.00	54.44 1.38 -2.00	64.90 1.05 0.00	56.42 0.21 0.00	56.03 -0.67 24.92	39.85 0.42 39.00	39.64 -0.07 17.46	28.17 0.90 50.30	66.17 1.32 1.88	75.05 2.90 -0.24	64.84 2.92 1.09	66.65 1.80 0.00	61.16 0.68 0.22	54.61 0.48 1.84	43.00 0.56 5.22	42.27 0.78 0.00
PPL_SHRM_GT4 24214	32.56 0.59 0.00	32.20 1.10 -0.94	28.76 1.26 0.00	27.51 1.48 0.00	28.59 1.54 -0.01	32.64 1.25 -0.01	39.93 0.64 0.00	44.29 1.23 0.00	50.47 0.82 0.00	54.44 1.38 -2.00	64.90 1.05 0.00	56.42 0.21 0.00	56.03 -0.67 24.92	39.85 0.42 39.00	39.64 -0.07 17.46	28.17 0.90 50.30	66.17 1.32 1.88	75.05 2.90 -0.24	64.84 2.92 1.09	66.65 1.80 0.00	61.16 0.68 0.22	54.61 0.48 1.84	43.00 0.56 5.22	42.27 0.78 0.00
PROJECT___ORANGE 1 24174	32.05 0.07 0.00	30.30 0.14 0.00	27.65 0.15 0.00	26.21 0.18 0.00	27.16 0.11 0.00	31.43 0.04 0.00	39.12 -0.17 0.00	43.05 0.00 0.00	49.69 0.04 0.00	51.18 0.11 0.00	63.98 0.13 0.00	56.31 0.10 0.00	81.78 0.17 0.00	78.78 0.35 0.00	57.43 0.27 0.00	77.80 0.24 0.00	67.00 0.27 0.00	72.54 0.61 -0.01	63.65 0.63 0.00	65.24 0.38 -0.01	60.67 -0.03 0.00	55.79 -0.17 0.00	47.34 -0.32 0.00	41.04 -0.45 0.00
PROJECT___ORANGE 2 24166	32.05 0.07 0.00	30.30 0.14 0.00	27.65 0.15 0.00	26.21 0.18 0.00	27.16 0.11 0.00	31.43 0.04 0.00	39.12 -0.17 0.00	43.05 0.00 0.00	49.69 0.04 0.00	51.18 0.11 0.00	63.98 0.13 0.00	56.31 0.10 0.00	81.78 0.17 0.00	78.78 0.35 0.00	57.43 0.27 0.00	77.80 0.24 0.00	67.00 0.27 0.00	72.54 0.61 -0.01	63.65 0.63 0.00	65.24 0.38 -0.01	60.67 -0.03 0.00	55.79 -0.17 0.00	47.34 -0.32 0.00	41.04 -0.45 0.00
PUCKETT___SOLAR 323809	32.85 0.88 0.00	31.19 1.02 0.00	28.41 0.91 0.00	26.92 0.89 0.00	27.92 0.87 0.00	32.32 0.93 0.00	40.41 1.13 0.00	44.67 1.61 0.00	51.46 1.80 0.00	52.82 1.75 0.00	66.00 2.15 0.00	57.98 1.77 0.00	83.96 2.35 0.00	80.80 2.37 0.00	58.40 1.23 0.00	78.88 1.32 0.00	68.35 1.62 0.00	74.22 2.30 -0.01	65.72 2.71 0.00	67.48 2.62 -0.01	62.64 1.94 0.00	57.38 1.43 0.00	48.60 0.94 0.00	42.09 0.60 0.00
PYRITES___HYD 24023	33.10 1.13 0.00	30.98 0.82 0.00	28.10 0.60 0.00	26.55 0.52 0.00	27.68 0.63 0.00	32.55 1.16 0.00	41.15 1.86 0.00	44.91 1.86 0.00	51.38 1.73 0.00	52.54 1.47 0.00	65.37 1.52 0.00	58.13 1.92 0.00	84.27 2.66 0.00	80.18 1.75 0.00	58.65 1.49 0.00	79.25 1.69 0.00	68.14 1.41 0.00	72.16 0.24 0.00	63.93 0.92 0.00	66.81 1.97 0.00	63.74 3.04 0.00	59.06 3.10 0.00	50.48 2.82 0.00	43.93 2.43 0.00
QUAKERRD_115KV_BK1 80622	32.08 0.11 0.00	30.17 0.01 0.00	27.40 -0.10 0.00	25.90 -0.13 0.00	26.88 -0.17 0.00	31.15 -0.24 0.00	38.90 -0.39 0.00	42.96 -0.09 0.00	49.79 0.13 0.00	51.39 0.32 0.00	64.15 0.30 0.00	56.70 0.49 0.00	82.60 0.99 0.00	79.89 1.46 0.00	58.21 1.05 0.00	77.94 0.38 0.00	66.60 -0.13 0.00	72.13 0.21 0.00	63.30 0.28 0.00	64.70 -0.15 0.00	59.98 -0.72 0.00	54.96 -0.99 0.00	46.45 -1.21 0.00	40.15 -1.34 0.00
QUENSBRY_115KV_TB8 356137	33.26 1.30 0.00	31.70 1.54 0.00	29.07 1.57 0.00	27.45 1.41 0.00	28.51 1.46 0.00	32.69 1.30 0.00	40.90 1.62 0.00	44.92 1.87 0.00	51.45 1.80 0.00	53.12 2.06 0.00	65.99 2.14 0.00	57.52 1.31 0.00	83.13 1.52 0.00	79.71 1.28 0.00	-6.27 0.70 64.13	74.39 1.06 4.23	66.40 1.30 1.63	74.04 2.30 0.17	65.39 2.37 0.00	67.56 2.72 0.00	62.94 2.24 0.00	58.03 2.08 0.00	49.55 1.89 0.00	43.41 1.92 0.00
RAMAPO___LBMP 323565	32.78 0.81 0.00	31.17 1.01 0.00	28.56 1.07 0.00	27.12 1.08 0.00	28.11 1.06 0.00	32.32 0.93 0.00	40.35 1.07 0.00	44.69 1.64 0.00	51.04 1.39 0.00	52.81 1.75 0.00	65.88 2.03 0.00	57.71 1.50 0.00	83.72 2.11 0.00	81.25 2.82 0.00	143.19 1.75 -84.27	85.94 2.85 -5.53	71.59 2.72 -2.14	75.87 3.72 -0.23	66.20 3.18 0.00	67.44 2.59 0.00	62.28 1.58 0.00	57.44 1.49 0.00	49.07 1.41 0.00	42.78 1.29 0.00
RANKINE____ 23646	33.13 1.16 0.00	31.09 0.93 0.00	28.12 0.63 0.00	26.54 0.51 0.00	27.56 0.51 0.00	32.02 0.63 0.00	40.03 0.74 0.00	44.39 1.34 0.00	51.74 2.09 0.00	53.21 2.15 0.00	66.34 2.49 0.00	58.83 2.63 0.00	85.60 3.99 0.00	83.08 4.65 0.00	60.30 3.14 0.00	79.81 2.25 0.00	67.95 1.22 0.00	73.78 1.86 0.00	64.90 1.89 0.00	66.13 1.29 0.00	60.97 0.27 0.00	55.68 -0.28 0.00	46.86 -0.80 0.00	40.36 -1.13 0.00
RAVENSWOOD_GT2_1 24244	32.96 0.99 0.00	31.34 1.18 0.00	28.72 1.22 0.00	27.29 1.25 0.00	28.29 1.24 0.00	32.51 1.12 0.00	40.64 1.35 0.00	45.07 2.01 0.00	51.42 1.77 0.00	53.29 2.22 0.00	66.46 2.61 0.00	58.09 1.88 0.00	84.19 2.58 0.00	81.71 3.27 0.00	148.79 2.12 -89.50	86.90 3.47 -5.87	72.33 3.32 -2.27	76.54 4.38 -0.24	66.69 3.68 0.00	67.82 2.97 0.00	62.55 1.85 0.00	57.62 1.67 0.00	49.22 1.56 0.00	43.02 1.53 0.00
RAVENSWOOD_GT2_2 24245	32.96 0.99 0.00	31.34 1.18 0.00	28.72 1.22 0.00	27.29 1.25 0.00	28.29 1.24 0.00	32.51 1.12 0.00	40.64 1.35 0.00	45.07 2.01 0.00	51.42 1.77 0.00	53.29 2.22 0.00	66.46 2.61 0.00	58.09 1.88 0.00	84.19 2.58 0.00	81.71 3.27 0.00	148.79 2.12 -89.50	86.90 3.47 -5.87	72.33 3.32 -2.27	76.54 4.38 -0.24	66.69 3.68 0.00	67.82 2.97 0.00	62.55 1.85 0.00	57.62 1.67 0.00	49.22 1.56 0.00	43.02 1.53 0.00

RAVENSWOOD_GT2_3 24246	32.97 1.01 0.00	31.35 1.19 0.00	28.73 1.24 0.00	27.30 1.26 0.00	28.30 1.25 0.00	32.52 1.13 0.00	40.65 1.37 0.00	45.08 2.03 0.00	51.45 1.79 0.00	53.30 2.24 0.00	66.50 2.65 0.00	58.12 1.91 0.00	84.26 2.65 0.00	81.75 3.32 0.00	148.82 2.15 -89.50	86.93 3.50 -5.87	72.37 3.37 -2.27	76.58 4.43 -0.24	66.71 3.70 0.00	67.86 3.02 0.00	62.58 1.88 0.00	57.66 1.71 0.00	49.26 1.60 0.00	43.04 1.56 0.00
RAVENSWOOD_GT2_4 24247	32.97 1.01 0.00	31.35 1.19 0.00	28.73 1.24 0.00	27.30 1.26 0.00	28.30 1.25 0.00	32.52 1.13 0.00	40.65 1.37 0.00	45.08 2.03 0.00	51.45 1.79 0.00	53.30 2.24 0.00	66.50 2.65 0.00	58.12 1.91 0.00	84.26 2.65 0.00	81.75 3.32 0.00	148.82 2.15 -89.50	86.93 3.50 -5.87	72.37 3.37 -2.27	76.58 4.43 -0.24	66.71 3.70 0.00	67.86 3.02 0.00	62.58 1.88 0.00	57.66 1.71 0.00	49.26 1.60 0.00	43.04 1.56 0.00
RAVENSWOOD_GT3_1 24248	32.96 0.99 0.00	31.34 1.18 0.00	28.72 1.22 0.00	27.29 1.25 0.00	28.29 1.24 0.00	32.51 1.12 0.00	40.64 1.35 0.00	45.07 2.01 0.00	51.43 1.77 0.00	53.29 2.22 0.00	66.46 2.61 0.00	58.09 1.89 0.00	84.19 2.58 0.00	81.71 3.27 0.00	148.79 2.12 -89.50	86.90 3.47 -5.87	72.33 3.33 -2.27	76.54 4.38 -0.24	66.69 3.68 0.00	67.82 2.97 0.00	62.55 1.85 0.00	57.62 1.67 0.00	49.22 1.56 0.00	43.03 1.54 0.00
RAVENSWOOD_GT3_2 24249	32.96 0.99 0.00	31.34 1.18 0.00	28.72 1.22 0.00	27.29 1.25 0.00	28.29 1.24 0.00	32.51 1.12 0.00	40.64 1.35 0.00	45.07 2.01 0.00	51.43 1.77 0.00	53.29 2.22 0.00	66.46 2.61 0.00	58.09 1.89 0.00	84.19 2.58 0.00	81.71 3.27 0.00	148.79 2.12 -89.50	86.90 3.47 -5.87	72.33 3.33 -2.27	76.54 4.38 -0.24	66.69 3.68 0.00	67.82 2.97 0.00	62.55 1.85 0.00	57.62 1.67 0.00	49.22 1.56 0.00	43.03 1.54 0.00
RAVENSWOOD_GT3_3 24250	33.00 1.04 0.00	31.39 1.22 0.00	28.76 1.26 0.00	27.32 1.29 0.00	28.33 1.27 0.00	32.55 1.16 0.00	40.69 1.41 0.00	45.15 2.09 0.00	51.51 1.86 0.00	53.39 2.33 0.00	66.59 2.74 0.00	58.20 1.99 0.00	84.36 2.74 0.00	81.86 3.43 0.00	148.91 2.24 -89.50	87.06 3.63 -5.87	72.47 3.47 -2.27	76.71 4.55 -0.24	66.82 3.81 0.00	67.96 3.11 0.00	62.67 1.97 0.00	57.74 1.78 0.00	49.32 1.66 0.00	43.10 1.61 0.00
RAVENSWOOD_GT3_4 24251	33.00 1.04 0.00	31.39 1.22 0.00	28.76 1.26 0.00	27.32 1.29 0.00	28.33 1.27 0.00	32.55 1.16 0.00	40.69 1.41 0.00	45.15 2.09 0.00	51.51 1.86 0.00	53.39 2.33 0.00	66.59 2.74 0.00	58.20 1.99 0.00	84.36 2.74 0.00	81.86 3.43 0.00	148.91 2.24 -89.50	87.06 3.63 -5.87	72.47 3.47 -2.27	76.71 4.55 -0.24	66.82 3.81 0.00	67.96 3.11 0.00	62.67 1.97 0.00	57.74 1.78 0.00	49.32 1.66 0.00	43.10 1.61 0.00
RAVENSWOOD_GT_1 23729	33.01 1.04 0.00	31.39 1.23 0.00	28.77 1.27 0.00	27.32 1.29 0.00	28.34 1.29 0.00	32.56 1.17 0.00	40.73 1.45 0.00	45.21 2.15 0.00	51.53 1.87 0.00	53.38 2.32 0.00	66.58 2.73 0.00	58.17 1.97 0.00	84.33 2.72 0.00	81.88 3.44 0.00	148.90 2.24 -89.50	87.15 3.72 -5.87	72.55 3.54 -2.27	76.73 4.57 -0.24	66.80 3.78 0.00	67.94 3.09 0.00	62.60 1.90 0.00	57.65 1.70 0.00	49.26 1.60 0.00	43.10 1.61 0.00
RAVENSWOOD_GT_10 24258	32.96 0.99 0.00	31.34 1.18 0.00	28.72 1.22 0.00	27.29 1.25 0.00	28.29 1.24 0.00	32.51 1.12 0.00	40.64 1.35 0.00	45.06 2.01 0.00	51.43 1.77 0.00	53.29 2.22 0.00	66.46 2.62 0.00	58.10 1.89 0.00	84.20 2.59 0.00	81.71 3.27 0.00	148.79 2.12 -89.50	86.90 3.46 -5.87	72.32 3.32 -2.27	76.54 4.38 -0.24	66.69 3.68 0.00	67.82 2.97 0.00	62.55 1.85 0.00	57.62 1.67 0.00	49.23 1.57 0.00	43.03 1.54 0.00
RAVENSWOOD_GT_11 24259	32.96 0.99 0.00	31.34 1.18 0.00	28.72 1.22 0.00	27.29 1.25 0.00	28.29 1.24 0.00	32.51 1.12 0.00	40.64 1.35 0.00	45.06 2.01 0.00	51.43 1.77 0.00	53.29 2.22 0.00	66.46 2.62 0.00	58.10 1.89 0.00	84.20 2.59 0.00	81.71 3.27 0.00	148.79 2.12 -89.50	86.90 3.46 -5.87	72.32 3.32 -2.27	76.54 4.38 -0.24	66.69 3.68 0.00	67.82 2.97 0.00	62.55 1.85 0.00	57.62 1.67 0.00	49.23 1.57 0.00	43.03 1.54 0.00
RAVENSWOOD_GT_4 24252	32.96 0.99 0.00	31.34 1.18 0.00	28.72 1.23 0.00	27.29 1.25 0.00	28.29 1.24 0.00	32.51 1.12 0.00	40.63 1.35 0.00	45.06 2.01 0.00	51.42 1.77 0.00	53.28 2.22 0.00	66.46 2.62 0.00	58.10 1.89 0.00	84.20 2.59 0.00	81.70 3.26 0.00	148.78 2.11 -89.50	86.86 3.43 -5.87	72.31 3.30 -2.27	76.52 4.36 -0.24	66.69 3.68 0.00	67.82 2.97 0.00	62.55 1.85 0.00	57.63 1.67 0.00	49.23 1.57 0.00	43.02 1.53 0.00
RAVENSWOOD_GT_5 24254	32.96 0.99 0.00	31.34 1.18 0.00	28.72 1.23 0.00	27.29 1.25 0.00	28.29 1.24 0.00	32.51 1.12 0.00	40.63 1.35 0.00	45.06 2.01 0.00	51.42 1.77 0.00	53.28 2.22 0.00	66.46 2.62 0.00	58.10 1.89 0.00	84.20 2.59 0.00	81.70 3.26 0.00	148.78 2.11 -89.50	86.86 3.43 -5.87	72.31 3.30 -2.27	76.52 4.36 -0.24	66.69 3.68 0.00	67.82 2.97 0.00	62.55 1.85 0.00	57.63 1.67 0.00	49.23 1.57 0.00	43.02 1.53 0.00
RAVENSWOOD_GT_6 24253	32.96 0.99 0.00	31.34 1.18 0.00	28.72 1.23 0.00	27.29 1.25 0.00	28.29 1.24 0.00	32.51 1.12 0.00	40.63 1.35 0.00	45.06 2.01 0.00	51.42 1.77 0.00	53.28 2.22 0.00	66.46 2.62 0.00	58.10 1.89 0.00	84.20 2.59 0.00	81.70 3.26 0.00	148.78 2.11 -89.50	86.86 3.43 -5.87	72.31 3.30 -2.27	76.52 4.36 -0.24	66.69 3.68 0.00	67.82 2.97 0.00	62.55 1.85 0.00	57.63 1.67 0.00	49.23 1.57 0.00	43.02 1.53 0.00
RAVENSWOOD_GT_7 24255	32.96 0.99 0.00	31.34 1.18 0.00	28.72 1.23 0.00	27.29 1.25 0.00	28.29 1.24 0.00	32.51 1.12 0.00	40.63 1.35 0.00	45.06 2.01 0.00	51.42 1.77 0.00	53.28 2.22 0.00	66.46 2.62 0.00	58.10 1.89 0.00	84.20 2.59 0.00	81.70 3.26 0.00	148.78 2.11 -89.50	86.86 3.43 -5.87	72.31 3.30 -2.27	76.52 4.36 -0.24	66.69 3.68 0.00	67.82 2.97 0.00	62.55 1.85 0.00	57.63 1.67 0.00	49.23 1.57 0.00	43.02 1.53 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.96 0.99 0.00	31.34 1.18 0.00	28.72 1.22 0.00	27.29 1.25 0.00	28.29 1.24 0.00	32.51 1.12 0.00	40.64 1.35 0.00	45.06 2.01 0.00	51.43 1.77 0.00	53.29 2.22 0.00	66.46 2.62 0.00	58.10 1.89 0.00	84.20 2.59 0.00	81.71 3.27 0.00	148.79 2.12 -89.50	86.90 3.46 -5.87	72.32 3.32 -2.27	76.54 4.38 -0.24	66.69 3.68 0.00	67.82 2.97 0.00	62.55 1.85 0.00	57.62 1.67 0.00	49.23 1.57 0.00	43.03 1.54 0.00
RAVENSWOOD_GT_9 24257	32.96 0.99 0.00	31.34 1.18 0.00	28.72 1.22 0.00	27.29 1.25 0.00	28.29 1.24 0.00	32.51 1.12 0.00	40.64 1.35 0.00	45.06 2.01 0.00	51.43 1.77 0.00	53.29 2.22 0.00	66.46 2.62 0.00	58.10 1.89 0.00	84.20 2.59 0.00	81.71 3.27 0.00	148.79 2.12 -89.50	86.90 3.46 -5.87	72.32 3.32 -2.27	76.54 4.38 -0.24	66.69 3.68 0.00	67.82 2.97 0.00	62.55 1.85 0.00	57.62 1.67 0.00	49.23 1.57 0.00	43.03 1.54 0.00

RAVENSWOOD___1 23533	32.96 1.00 0.00	31.35 1.19 0.00	28.72 1.23 0.00	27.29 1.26 0.00	28.29 1.24 0.00	32.51 1.12 0.00	40.66 1.38 0.00	45.12 2.07 0.00	51.45 1.79 0.00	53.33 2.26 0.00	66.51 2.67 0.00	58.10 1.89 0.00	84.24 2.63 0.00	81.78 3.35 0.00	148.85 2.18 -89.50	87.03 3.60 -5.87	72.42 3.42 -2.27	76.63 4.48 -0.24	66.71 3.70 0.00	67.87 3.03 0.00	62.58 1.88 0.00	57.64 1.68 0.00	49.22 1.56 0.00	43.08 1.59 0.00
RAVENSWOOD___2 23534	32.96 1.00 0.00	31.35 1.19 0.00	28.72 1.23 0.00	27.29 1.26 0.00	28.29 1.24 0.00	32.51 1.12 0.00	40.66 1.38 0.00	45.12 2.07 0.00	51.45 1.79 0.00	53.33 2.26 0.00	66.51 2.67 0.00	58.10 1.89 0.00	84.24 2.63 0.00	81.78 3.35 0.00	148.85 2.18 -89.50	87.03 3.60 -5.87	72.42 3.42 -2.27	76.63 4.48 -0.24	66.71 3.70 0.00	67.87 3.03 0.00	62.54 1.84 0.00	57.63 1.67 0.00	49.20 1.54 0.00	43.06 1.57 0.00
RAVENSWOOD___3 23535	32.96 0.99 0.00	31.34 1.18 0.00	28.72 1.22 0.00	27.29 1.25 0.00	28.29 1.23 0.00	32.50 1.12 0.00	40.64 1.35 0.00	45.07 2.02 0.00	51.43 1.78 0.00	53.29 2.23 0.00	66.47 2.62 0.00	58.10 1.90 0.00	84.20 2.59 0.00	81.70 3.27 0.00	148.79 2.13 -89.50	86.91 3.48 -5.87	72.33 3.33 -2.27	76.54 4.38 -0.24	66.68 3.66 0.00	67.82 2.98 0.00	62.55 1.85 0.00	57.63 1.67 0.00	49.21 1.55 0.00	43.03 1.54 0.00
RAVENSWOOD___4 23820	32.96 1.00 0.00	31.35 1.19 0.00	28.72 1.23 0.00	27.29 1.26 0.00	28.29 1.24 0.00	32.51 1.12 0.00	40.66 1.38 0.00	45.12 2.07 0.00	51.45 1.79 0.00	53.33 2.26 0.00	66.51 2.67 0.00	58.10 1.89 0.00	84.24 2.63 0.00	81.78 3.35 0.00	148.85 2.18 -89.50	87.03 3.60 -5.87	72.42 3.42 -2.27	76.63 4.48 -0.24	66.71 3.70 0.00	67.87 3.03 0.00	62.54 1.84 0.00	57.63 1.67 0.00	49.20 1.54 0.00	43.06 1.57 0.00
RCPL_TRUST___DRP 24196	32.97 1.00 0.00	31.35 1.19 0.00	28.72 1.23 0.00	27.29 1.26 0.00	28.30 1.25 0.00	32.52 1.13 0.00	40.66 1.37 0.00	45.10 2.05 0.00	51.48 1.83 0.00	53.35 2.29 0.00	66.55 2.71 0.00	58.18 1.97 0.00	84.34 2.73 0.00	81.83 3.39 0.00	148.85 2.19 -89.49	86.97 3.54 -5.87	72.39 3.39 -2.27	76.60 4.45 -0.24	66.73 3.71 0.00	67.85 3.00 0.00	62.57 1.87 0.00	57.65 1.69 0.00	49.23 1.57 0.00	43.03 1.54 0.00
RED___ROCHESTER 323720	33.24 1.27 0.00	31.22 1.06 0.00	28.31 0.81 0.00	26.74 0.70 0.00	27.75 0.70 0.00	32.18 0.79 0.00	40.22 0.93 0.00	44.48 1.43 0.00	51.64 1.99 0.00	53.37 2.30 0.00	66.64 2.79 0.00	58.96 2.75 0.00	86.00 4.39 0.00	83.24 4.80 0.00	60.68 3.51 0.00	80.94 3.38 0.00	69.15 2.42 0.00	74.85 2.93 0.00	65.71 2.70 0.00	67.13 2.28 0.00	62.13 1.43 0.00	56.89 0.94 0.00	48.01 0.35 0.00	41.44 -0.05 0.00
REGAN___SOLAR 323812	33.69 1.72 0.00	31.85 1.69 0.00	29.01 1.52 0.00	27.51 1.47 0.00	28.58 1.53 0.00	33.15 1.76 0.00	41.58 2.29 0.00	45.54 2.48 0.00	52.20 2.54 0.00	53.73 2.67 0.00	66.57 2.73 0.00	58.22 2.01 0.00	84.54 2.93 0.00	80.02 1.59 0.00	16.21 1.68 42.64	75.84 1.08 2.80	66.65 1.00 1.08	73.94 2.14 0.11	66.04 3.03 0.00	69.45 4.61 0.00	64.95 4.25 0.00	59.83 3.87 0.00	50.81 3.15 0.00	44.08 2.58 0.00
RENSSELAER___COGEN 23796	31.99 0.02 0.00	30.49 0.33 0.00	27.96 0.46 0.00	26.48 0.44 0.00	27.44 0.39 0.00	31.56 0.17 0.00	39.21 -0.08 0.00	43.13 0.08 0.00	49.49 -0.16 0.00	51.12 0.06 0.00	63.72 -0.13 0.00	55.77 -0.44 0.00	80.98 -0.64 0.00	77.90 -0.53 0.00	-1.67 -0.44 58.39	73.29 -0.44 3.83	64.95 -0.30 1.48	71.96 0.20 0.16	63.20 0.18 0.00	64.96 0.11 0.00	60.33 -0.37 0.00	55.69 -0.27 0.00	47.61 -0.05 0.00	41.53 0.04 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.60 3.63 0.00	33.89 3.73 0.00	31.47 3.97 0.00	29.55 3.52 0.00	30.69 3.64 0.00	35.46 4.07 0.00	44.57 5.28 0.00	48.76 5.71 0.00	55.69 6.04 0.00	57.25 6.18 0.00	70.87 7.02 0.00	60.81 4.60 0.00	87.20 5.59 0.00	83.22 4.79 0.00	-3.99 2.98 64.13	78.01 4.71 4.26	70.08 4.98 1.63	78.07 6.33 0.17	68.76 5.74 0.00	71.85 7.00 0.00	67.54 6.84 0.00	62.48 6.52 0.00	53.63 5.97 0.00	46.68 5.19 0.00
REVERE_CPPR_DRP 24186	33.11 1.14 0.00	31.31 1.15 0.00	28.56 1.06 0.00	27.10 1.07 0.00	28.23 1.17 0.00	32.80 1.41 0.00	40.92 1.64 0.00	45.02 1.97 0.00	51.98 2.33 0.00	53.38 2.32 0.00	66.71 2.87 0.00	58.52 2.32 0.00	84.86 3.25 0.00	81.38 2.95 0.00	59.46 2.30 0.00	80.88 3.32 0.00	70.06 3.33 0.00	76.01 4.09 0.00	66.97 3.95 0.00	68.80 3.95 -0.01	64.34 3.63 0.00	59.21 3.26 0.00	50.24 2.58 0.00	43.46 1.97 0.00
REYNLDPA_13_KV_LD 356490	32.29 0.32 0.00	30.23 0.07 0.00	27.45 -0.05 0.00	25.95 -0.08 0.00	26.98 -0.06 0.00	31.60 0.21 0.00	39.86 0.58 0.00	43.49 0.44 0.00	50.32 0.67 0.00	51.60 0.53 0.00	64.56 0.71 0.00	57.13 0.93 0.00	82.99 1.38 0.00	78.76 0.33 0.00	57.99 0.82 0.00	78.66 1.10 0.00	67.59 0.86 0.00	72.30 0.38 0.00	63.30 0.28 0.00	65.49 0.65 0.00	61.87 1.17 0.00	57.06 1.11 0.00	48.62 0.96 0.00	42.42 0.93 0.00
REYNOLDS_115KV_TB3 80639	32.19 0.22 0.00	30.69 0.53 0.00	28.15 0.65 0.00	26.64 0.60 0.00	27.61 0.56 0.00	31.73 0.34 0.00	39.44 0.15 0.00	43.37 0.31 0.00	49.74 0.09 0.00	51.41 0.34 0.00	64.00 0.16 0.00	56.01 -0.20 0.00	81.30 -0.31 0.00	78.18 -0.25 0.00	-15.73 -0.27 72.63	72.63 -0.17 4.76	64.80 -0.09 1.85	72.21 0.49 0.19	63.43 0.41 0.00	65.19 0.34 0.00	60.54 -0.16 0.00	55.90 -0.06 0.00	47.84 0.18 0.00	41.77 0.28 0.00
RIVERBAY____ 323610	33.66 1.70 0.00	32.04 1.88 0.00	29.36 1.86 0.00	27.89 1.86 0.00	28.98 1.93 0.00	33.34 1.95 0.00	41.79 2.51 0.00	46.31 3.26 0.00	52.80 3.14 0.00	54.70 3.63 0.00	68.24 4.39 0.00	59.60 3.39 0.00	86.40 4.79 0.00	83.85 5.42 0.00	150.50 3.83 -89.50	89.04 5.61 -5.87	74.19 5.19 -2.27	78.48 6.32 -0.24	68.58 5.57 0.00	69.87 5.03 0.00	64.15 3.45 0.00	59.10 3.15 0.00	50.51 2.85 0.00	44.17 2.68 0.00
RIVERSDE_115KV_TB3 55908	32.12 0.15 0.00	30.62 0.45 0.00	28.07 0.57 0.00	26.58 0.55 0.00	27.55 0.50 0.00	31.68 0.29 0.00	39.37 0.08 0.00	43.32 0.27 0.00	49.71 0.05 0.00	51.37 0.30 0.00	64.01 0.17 0.00	56.04 -0.16 0.00	81.37 -0.24 0.00	78.27 -0.16 0.00	-6.34 -0.17 63.34	73.34 -0.07 4.15	65.16 0.03 1.61	72.25 0.51 0.17	63.45 0.44 0.00	65.20 0.35 0.00	60.55 -0.15 0.00	55.88 -0.08 0.00	47.79 0.13 0.00	41.70 0.21 0.00
ROARING___BROOK_WT_PWR 323790	31.60 -0.37 0.00	29.82 -0.34 0.00	27.19 -0.30 0.00	25.83 -0.21 0.00	26.91 -0.14 0.00	31.25 -0.14 0.00	39.24 -0.05 0.00	43.01 -0.05 0.00	49.61 -0.05 0.00	50.99 -0.08 0.00	63.69 -0.16 0.00	56.02 -0.18 0.00	81.35 -0.27 0.00	78.20 -0.23 0.00	57.10 -0.07 0.00	77.55 -0.01 0.00	66.67 -0.06 0.00	71.73 -0.18 0.00	62.92 -0.10 0.00	64.90 0.05 0.00	60.82 0.12 0.00	56.08 0.13 0.00	47.76 0.10 0.00	41.61 0.12 0.00

ROCHESRG_115KV_T4 355643	32.77 0.80 0.00	30.81 0.65 0.00	27.95 0.45 0.00	26.41 0.37 0.00	27.42 0.36 0.00	31.78 0.39 0.00	39.71 0.42 0.00	43.84 0.79 0.00	50.84 1.19 0.00	52.48 1.42 0.00	65.51 1.67 0.00	57.94 1.73 0.00	84.42 2.81 0.00	81.68 3.25 0.00	59.49 2.33 0.00	79.37 1.81 0.00	67.83 1.10 0.00	73.45 1.54 0.00	64.51 1.49 0.00	65.91 1.07 0.00	61.04 0.34 0.00	55.91 -0.05 0.00	47.22 -0.44 0.00	40.81 -0.68 0.00
ROCHESTER_9_IC 23652	33.06 1.09 0.00	31.06 0.90 0.00	28.17 0.67 0.00	26.62 0.59 0.00	27.63 0.57 0.00	32.03 0.64 0.00	40.02 0.74 0.00	44.24 1.19 0.00	51.34 1.68 0.00	53.03 1.96 0.00	66.21 2.36 0.00	58.56 2.36 0.00	85.38 3.77 0.00	82.63 4.20 0.00	60.20 3.04 0.00	80.32 2.76 0.00	68.61 1.88 0.00	74.28 2.37 0.00	65.21 2.20 0.00	66.62 1.78 0.00	61.70 1.00 0.00	56.49 0.53 0.00	47.68 0.02 0.00	41.19 -0.29 0.00
ROCKVIEW_13_KV_LD 356306	33.02 1.06 0.00	31.40 1.24 0.00	28.78 1.28 0.00	27.32 1.29 0.00	28.34 1.29 0.00	32.56 1.17 0.00	40.67 1.38 0.00	45.08 2.03 0.00	51.50 1.85 0.00	53.33 2.27 0.00	66.54 2.70 0.00	58.20 1.99 0.00	84.38 2.76 0.00	81.81 3.38 0.00	148.88 2.21 -89.50	86.99 3.56 -5.87	72.43 3.43 -2.27	76.68 4.53 -0.24	66.85 3.83 0.00	68.05 3.20 0.00	62.78 2.08 0.00	57.84 1.88 0.00	49.39 1.73 0.00	43.11 1.62 0.00
ROME____115KV_TB2 80656	33.11 1.14 0.00	31.31 1.15 0.00	28.56 1.06 0.00	27.10 1.07 0.00	28.23 1.17 0.00	32.80 1.41 0.00	40.92 1.64 0.00	45.02 1.97 0.00	51.98 2.33 0.00	53.38 2.32 0.00	66.71 2.87 0.00	58.52 2.32 0.00	84.86 3.25 0.00	81.38 2.95 0.00	59.46 2.30 0.00	80.88 3.32 0.00	70.06 3.33 0.00	76.01 4.09 0.00	66.97 3.95 0.00	68.80 3.95 -0.01	64.34 3.63 0.00	59.21 3.26 0.00	50.24 2.58 0.00	43.46 1.97 0.00
ROSETON___1 23587	32.66 0.70 0.00	31.08 0.92 0.00	28.49 1.00 0.00	27.05 1.02 0.00	28.04 0.99 0.00	32.22 0.83 0.00	40.18 0.90 0.00	44.45 1.40 0.00	50.82 1.17 0.00	52.58 1.51 0.00	65.63 1.79 0.00	57.45 1.24 0.00	83.31 1.70 0.00	80.63 2.20 0.00	141.90 1.33 -83.41	85.28 2.25 -5.47	71.06 2.22 -2.12	75.28 3.14 -0.22	65.69 2.68 0.00	67.01 2.17 0.00	61.97 1.27 0.00	57.11 1.15 0.00	48.78 1.11 0.00	42.57 1.08 0.00
ROSETON___2 23588	32.66 0.70 0.00	31.08 0.92 0.00	28.49 1.00 0.00	27.05 1.02 0.00	28.04 0.99 0.00	32.22 0.83 0.00	40.18 0.90 0.00	44.45 1.40 0.00	50.82 1.17 0.00	52.58 1.51 0.00	65.63 1.79 0.00	57.45 1.24 0.00	83.31 1.70 0.00	80.63 2.20 0.00	141.90 1.33 -83.41	85.28 2.25 -5.47	71.06 2.22 -2.12	75.28 3.14 -0.22	65.69 2.68 0.00	67.01 2.17 0.00	61.97 1.27 0.00	57.11 1.15 0.00	48.78 1.11 0.00	42.57 1.08 0.00
ROTTRDAM_115KV_TB3 80664	32.51 0.55 0.00	30.89 0.72 0.00	28.26 0.76 0.00	26.76 0.73 0.00	27.78 0.72 0.00	32.01 0.62 0.00	39.92 0.64 0.00	43.89 0.84 0.00	50.41 0.75 0.00	51.99 0.92 0.00	64.84 0.99 0.00	56.82 0.61 0.00	82.47 0.86 0.00	79.25 0.82 0.00	8.61 0.51 49.07	75.09 0.74 3.22	66.27 0.79 1.25	73.10 1.31 0.13	64.32 1.31 0.00	66.19 1.35 0.00	61.61 0.91 0.00	56.81 0.86 0.00	48.48 0.82 0.00	42.26 0.77 0.00
RUSSELL___1 23602	33.24 1.27 0.00	31.22 1.06 0.00	28.31 0.81 0.00	26.74 0.70 0.00	27.75 0.70 0.00	32.18 0.79 0.00	40.22 0.93 0.00	44.49 1.43 0.00	51.64 1.98 0.00	53.37 2.30 0.00	66.64 2.79 0.00	58.96 2.76 0.00	86.00 4.38 0.00	83.23 4.80 0.00	60.67 3.50 0.00	80.94 3.38 0.00	69.15 2.42 0.00	74.85 2.93 0.00	65.71 2.70 0.00	67.13 2.28 0.00	62.13 1.43 0.00	56.88 0.93 0.00	47.99 0.33 0.00	41.44 -0.05 0.00
RUSSELL___2 23532	33.24 1.27 0.00	31.22 1.06 0.00	28.31 0.81 0.00	26.74 0.70 0.00	27.75 0.70 0.00	32.18 0.79 0.00	40.22 0.93 0.00	44.49 1.43 0.00	51.64 1.98 0.00	53.37 2.30 0.00	66.64 2.79 0.00	58.96 2.76 0.00	86.00 4.38 0.00	83.23 4.80 0.00	60.67 3.50 0.00	80.94 3.38 0.00	69.15 2.42 0.00	74.85 2.93 0.00	65.71 2.70 0.00	67.13 2.28 0.00	62.13 1.43 0.00	56.88 0.93 0.00	47.99 0.33 0.00	41.44 -0.05 0.00
RUSSELL___3 23549	33.24 1.27 0.00	31.22 1.06 0.00	28.31 0.81 0.00	26.74 0.70 0.00	27.75 0.70 0.00	32.18 0.79 0.00	40.22 0.93 0.00	44.49 1.43 0.00	51.64 1.98 0.00	53.37 2.30 0.00	66.64 2.79 0.00	58.96 2.76 0.00	86.00 4.38 0.00	83.23 4.80 0.00	60.67 3.50 0.00	80.94 3.38 0.00	69.15 2.42 0.00	74.85 2.93 0.00	65.71 2.70 0.00	67.13 2.28 0.00	62.13 1.43 0.00	56.88 0.93 0.00	47.99 0.33 0.00	41.44 -0.05 0.00
RUSSELL___4 23556	33.24 1.27 0.00	31.22 1.06 0.00	28.31 0.81 0.00	26.74 0.70 0.00	27.75 0.70 0.00	32.18 0.79 0.00	40.22 0.93 0.00	44.49 1.43 0.00	51.64 1.98 0.00	53.37 2.30 0.00	66.64 2.79 0.00	58.96 2.76 0.00	86.00 4.38 0.00	83.23 4.80 0.00	60.67 3.50 0.00	80.94 3.38 0.00	69.15 2.42 0.00	74.85 2.93 0.00	65.71 2.70 0.00	67.13 2.28 0.00	62.13 1.43 0.00	56.88 0.93 0.00	47.99 0.33 0.00	41.44 -0.05 0.00
RUSSELL___STATION 23914	33.24 1.27 0.00	31.22 1.06 0.00	28.31 0.81 0.00	26.74 0.70 0.00	27.75 0.70 0.00	32.18 0.79 0.00	40.22 0.93 0.00	44.49 1.43 0.00	51.64 1.98 0.00	53.37 2.30 0.00	66.64 2.79 0.00	58.96 2.76 0.00	86.00 4.38 0.00	83.23 4.80 0.00	60.67 3.50 0.00	80.94 3.38 0.00	69.15 2.42 0.00	74.85 2.93 0.00	65.71 2.70 0.00	67.13 2.28 0.00	62.13 1.43 0.00	56.88 0.93 0.00	47.99 0.33 0.00	41.44 -0.05 0.00
S SALMON___HYD 24043	31.92 -0.05 0.00	30.15 -0.02 0.00	27.49 0.00 0.00	26.08 0.05 0.00	27.23 0.18 0.00	31.56 0.17 0.00	39.43 0.15 0.00	43.43 0.37 0.00	49.97 0.32 0.00	51.18 0.11 0.00	63.85 0.00 0.00	56.07 -0.14 0.00	81.42 -0.19 0.00	78.13 -0.30 0.00	57.13 -0.04 0.00	77.51 -0.05 0.00	66.86 0.13 0.00	72.39 0.46 -0.02	63.69 0.67 0.00	65.68 0.81 -0.03	61.43 0.73 0.00	56.64 0.68 0.00	48.16 0.50 0.00	41.71 0.22 0.00
S.PERRY__115KV_TB1 80734	33.91 1.94 0.00	31.90 1.73 0.00	28.96 1.46 0.00	27.39 1.36 0.00	28.46 1.41 0.00	33.05 1.66 0.00	41.27 1.98 0.00	45.17 2.12 0.00	51.19 1.53 0.00	52.23 1.16 0.00	65.26 1.41 0.00	57.91 1.70 0.00	84.31 2.70 0.00	81.96 3.53 0.00	59.52 2.36 0.00	78.97 1.41 0.00	67.56 0.83 0.00	73.13 1.22 0.00	65.60 2.58 0.00	67.52 2.68 0.00	62.44 1.74 0.00	57.04 1.08 0.00	47.97 0.31 0.00	42.14 0.65 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.91 0.94 0.00	30.88 0.72 0.00	27.92 0.42 0.00	26.34 0.30 0.00	27.34 0.29 0.00	31.77 0.37 0.00	39.68 0.39 0.00	43.92 0.87 0.00	51.17 1.51 0.00	52.67 1.61 0.00	65.66 1.82 0.00	58.26 2.05 0.00	84.89 3.27 0.00	82.33 3.90 0.00	59.78 2.62 0.00	79.07 1.51 0.00	67.28 0.55 0.00	73.06 1.14 0.00	64.22 1.20 0.00	65.46 0.62 0.00	60.37 -0.34 0.00	55.13 -0.83 0.00	46.46 -1.20 0.00	40.04 -1.45 0.00

SAWYER___23_KV_LOAD 55526	32.91 0.94 0.00	30.88 0.72 0.00	27.92 0.42 0.00	26.34 0.30 0.00	27.34 0.29 0.00	31.77 0.37 0.00	39.68 0.39 0.00	43.92 0.87 0.00	51.17 1.51 0.00	52.67 1.61 0.00	65.66 1.82 0.00	58.26 2.05 0.00	84.89 3.27 0.00	82.33 3.90 0.00	59.78 2.62 0.00	79.07 1.51 0.00	67.28 0.55 0.00	73.06 1.14 0.00	64.22 1.20 0.00	65.46 0.62 0.00	60.37 -0.34 0.00	55.13 -0.83 0.00	46.46 -1.20 0.00	40.04 -1.45 0.00
SELKIRK___I 23801	32.34 0.37 0.00	30.81 0.64 0.00	28.22 0.72 0.00	26.74 0.70 0.00	27.73 0.68 0.00	31.91 0.52 0.00	39.70 0.41 0.00	43.58 0.53 0.00	50.00 0.35 0.00	51.61 0.55 0.00	64.27 0.43 0.00	56.24 0.03 0.00	81.65 0.04 0.00	78.48 0.06 0.00	23.90 0.03 33.30	75.46 0.08 2.18	65.84 -0.04 0.85	72.32 0.49 0.09	63.53 0.51 0.00	65.49 0.65 0.00	60.94 0.24 0.00	56.26 0.31 0.00	48.06 0.39 0.00	41.91 0.42 0.00
SELKIRK___II 23799	32.14 0.17 0.00	30.61 0.45 0.00	28.05 0.55 0.00	26.57 0.53 0.00	27.55 0.50 0.00	31.69 0.30 0.00	39.42 0.14 0.00	43.37 0.32 0.00	49.76 0.10 0.00	51.39 0.33 0.00	64.07 0.22 0.00	56.11 -0.10 0.00	81.48 -0.14 0.00	78.37 -0.06 0.00	16.12 -0.10 40.94	74.92 0.05 2.68	65.76 0.07 1.04	72.38 0.57 0.11	63.53 0.52 0.00	65.26 0.42 0.00	60.65 -0.05 0.00	55.97 0.01 0.00	47.82 0.16 0.00	41.71 0.21 0.00
SENECA OSWGO___HYD 24041	31.57 -0.40 0.00	29.82 -0.34 0.00	27.16 -0.34 0.00	25.70 -0.34 0.00	26.77 -0.28 0.00	30.95 -0.43 0.00	38.58 -0.71 0.00	42.41 -0.65 0.00	48.92 -0.74 0.00	50.36 -0.70 0.00	62.87 -0.97 0.00	55.32 -0.88 0.00	80.30 -1.31 0.00	77.28 -1.15 0.00	56.31 -0.85 0.00	76.40 -1.16 0.00	65.87 -0.86 0.00	71.29 -0.65 -0.03	62.54 -0.47 0.00	64.14 -0.75 -0.05	59.72 -0.98 0.00	54.96 -1.01 -0.01	46.70 -0.96 0.00	40.52 -0.97 0.00
SENECA___115KV_TB3 355854	33.19 1.22 0.00	31.15 0.99 0.00	28.17 0.67 0.00	26.59 0.55 0.00	27.61 0.55 0.00	32.07 0.68 0.00	40.09 0.81 0.00	44.47 1.42 0.00	51.85 2.20 0.00	53.32 2.26 0.00	66.48 2.63 0.00	58.95 2.75 0.00	85.78 4.17 0.00	83.25 4.82 0.00	60.43 3.27 0.00	79.98 2.42 0.00	68.12 1.39 0.00	73.93 2.02 0.00	65.05 2.04 0.00	66.27 1.43 0.00	61.10 0.40 0.00	55.80 -0.16 0.00	46.96 -0.70 0.00	40.45 -1.04 0.00
SENECA___ENERGY 23797	32.49 0.52 0.00	30.63 0.47 0.00	28.11 0.61 0.00	26.85 0.81 0.00	27.53 0.48 0.00	31.77 0.38 0.00	39.73 0.44 0.00	43.89 0.84 0.00	50.72 1.06 0.00	52.18 1.11 0.00	65.36 1.51 0.00	57.60 1.40 0.00	83.73 2.12 0.00	80.93 2.49 0.00	58.99 1.83 0.00	79.49 1.93 0.00	68.12 1.39 0.00	73.90 1.97 -0.01	65.01 1.99 0.00	66.43 1.57 -0.02	61.61 0.91 0.00	56.50 0.54 0.00	47.71 0.05 0.00	41.25 -0.24 0.00
SHOEMAKER___GT 23640	32.71 0.74 0.00	31.12 0.96 0.00	28.50 1.00 0.00	27.05 1.01 0.00	28.05 0.99 0.00	32.25 0.86 0.00	40.25 0.96 0.00	44.52 1.47 0.00	50.91 1.25 0.00	52.61 1.54 0.00	65.65 1.81 0.00	57.50 1.29 0.00	83.28 1.66 0.00	80.72 2.29 0.00	137.05 1.33 -78.56	84.88 2.16 -5.15	71.13 2.40 -2.00	75.40 3.27 -0.21	65.85 2.83 0.00	67.17 2.33 0.00	62.18 1.48 0.00	57.36 1.40 0.00	48.94 1.28 0.00	42.66 1.17 0.00
SHOEMAKR_138KV_BK 111 55601	32.70 0.73 0.00	31.10 0.94 0.00	28.49 0.99 0.00	27.04 1.01 0.00	28.04 0.98 0.00	32.24 0.85 0.00	40.23 0.94 0.00	44.50 1.44 0.00	50.88 1.22 0.00	52.59 1.53 0.00	65.64 1.79 0.00	57.49 1.28 0.00	83.33 1.72 0.00	80.74 2.31 0.00	136.45 1.37 -77.91	84.91 2.24 -5.11	71.09 2.38 -1.98	75.39 3.27 -0.21	65.84 2.83 0.00	67.15 2.31 0.00	62.15 1.45 0.00	57.31 1.36 0.00	48.92 1.26 0.00	42.64 1.15 0.00
SHOREHAM_IC_1 23715	32.56 0.59 0.00	32.20 1.10 -0.94	28.76 1.26 0.00	27.51 1.48 0.00	28.59 1.54 -0.01	32.64 1.25 -0.01	39.93 0.64 0.00	44.29 1.23 0.00	50.47 0.82 0.00	54.44 1.38 -2.00	64.90 1.05 0.00	56.42 0.21 0.00	56.03 -0.67 24.92	39.85 0.42 39.00	39.64 -0.07 17.46	28.17 0.90 50.30	66.17 1.32 1.88	75.05 2.90 -0.24	64.84 2.92 1.09	66.65 1.80 0.00	61.16 0.68 0.22	54.61 0.48 1.84	43.00 0.56 5.22	42.27 0.78 0.00
SHOREHAM_IC_2 23716	32.55 0.59 0.00	32.20 1.10 -0.94	28.76 1.27 0.00	27.51 1.48 0.00	28.59 1.54 -0.01	32.64 1.25 -0.01	39.93 0.64 0.00	44.29 1.23 0.00	50.48 0.83 0.00	54.45 1.38 -2.00	64.90 1.06 0.00	56.42 0.21 0.00	56.09 -0.61 24.92	39.89 0.46 39.00	39.64 -0.06 17.46	28.20 0.94 50.30	66.17 1.32 1.88	75.05 2.90 -0.24	64.90 2.98 1.09	66.65 1.80 0.00	61.16 0.68 0.22	54.65 0.53 1.84	43.08 0.64 5.22	42.27 0.78 0.00
SISSONVILLE____ 23735	32.45 0.48 0.00	30.40 0.24 0.00	27.59 0.09 0.00	26.10 0.07 0.00	27.21 0.16 0.00	31.94 0.55 0.00	40.36 1.08 0.00	44.07 1.02 0.00	50.75 1.10 0.00	51.91 0.84 0.00	64.83 0.98 0.00	57.53 1.32 0.00	83.55 1.94 0.00	79.54 1.11 0.00	58.14 0.97 0.00	78.69 1.13 0.00	67.59 0.86 0.00	71.78 -0.13 0.00	63.02 0.00 0.00	65.53 0.68 0.00	62.20 1.49 0.00	57.65 1.69 0.00	49.43 1.77 0.00	43.09 1.59 0.00
SITHE_IND_GS1 24169	31.36 -0.61 0.00	29.62 -0.54 0.00	26.97 -0.53 0.00	25.52 -0.51 0.00	26.55 -0.50 0.00	30.73 -0.66 0.00	38.24 -1.05 0.00	41.95 -1.11 0.00	48.37 -1.28 0.00	49.80 -1.26 0.00	62.20 -1.65 0.00	54.75 -1.46 0.00	79.49 -2.12 0.00	76.51 -1.92 0.00	55.80 -1.37 0.00	75.54 -2.02 0.00	65.01 -1.72 0.00	70.22 -1.62 0.07	61.69 -1.32 0.00	63.18 -1.54 0.13	59.02 -1.68 0.00	54.30 -1.63 0.02	46.18 -1.48 0.00	40.10 -1.40 0.00
SITHE_IND_GS2 24170	31.36 -0.61 0.00	29.62 -0.54 0.00	26.97 -0.53 0.00	25.52 -0.51 0.00	26.55 -0.50 0.00	30.73 -0.66 0.00	38.24 -1.05 0.00	41.95 -1.11 0.00	48.37 -1.28 0.00	49.80 -1.26 0.00	62.20 -1.65 0.00	54.75 -1.46 0.00	79.49 -2.12 0.00	76.51 -1.92 0.00	55.80 -1.37 0.00	75.54 -2.02 0.00	65.01 -1.72 0.00	70.22 -1.62 0.07	61.69 -1.32 0.00	63.18 -1.54 0.13	59.02 -1.68 0.00	54.30 -1.63 0.02	46.18 -1.48 0.00	40.10 -1.40 0.00
SITHE_IND_GS3 24171	31.36 -0.61 0.00	29.62 -0.54 0.00	26.97 -0.53 0.00	25.52 -0.51 0.00	26.55 -0.50 0.00	30.73 -0.66 0.00	38.24 -1.05 0.00	41.95 -1.11 0.00	48.37 -1.28 0.00	49.80 -1.26 0.00	62.20 -1.65 0.00	54.75 -1.46 0.00	79.49 -2.12 0.00	76.51 -1.92 0.00	55.80 -1.37 0.00	75.54 -2.02 0.00	65.01 -1.72 0.00	70.22 -1.62 0.07	61.69 -1.32 0.00	63.18 -1.54 0.13	59.02 -1.68 0.00	54.30 -1.63 0.02	46.18 -1.48 0.00	40.10 -1.40 0.00
SITHE_IND_GS4 24172	31.36 -0.61 0.00	29.62 -0.54 0.00	26.97 -0.53 0.00	25.52 -0.51 0.00	26.55 -0.50 0.00	30.73 -0.66 0.00	38.24 -1.05 0.00	41.95 -1.11 0.00	48.37 -1.28 0.00	49.80 -1.26 0.00	62.20 -1.65 0.00	54.75 -1.46 0.00	79.49 -2.12 0.00	76.51 -1.92 0.00	55.80 -1.37 0.00	75.54 -2.02 0.00	65.01 -1.72 0.00	70.22 -1.62 0.07	61.69 -1.32 0.00	63.18 -1.54 0.13	59.02 -1.68 0.00	54.30 -1.63 0.02	46.18 -1.48 0.00	40.10 -1.40 0.00

SITHE___BATAVIA 24024	33.92 1.96 0.00	31.79 1.63 0.00	28.75 1.25 0.00	27.12 1.09 0.00	28.17 1.12 0.00	32.76 1.37 0.00	40.94 1.65 0.00	45.24 2.19 0.00	52.63 2.97 0.00	54.38 3.31 0.00	67.59 3.74 0.00	59.64 3.43 0.00	86.89 5.28 0.00	84.20 5.76 0.00	61.68 4.52 0.00	81.56 4.00 0.00	69.64 2.90 0.00	75.58 3.66 0.00	66.63 3.61 0.00	67.98 3.14 0.00	62.90 2.20 0.00	57.47 1.51 0.00	48.40 0.74 0.00	41.69 0.20 0.00
SITHE___INDEPEND 23800	31.36 -0.60 0.00	29.62 -0.54 0.00	26.97 -0.53 0.00	25.52 -0.51 0.00	26.55 -0.50 0.00	30.73 -0.66 0.00	38.24 -1.05 0.00	41.95 -1.11 0.00	48.37 -1.28 0.00	49.80 -1.27 0.00	62.20 -1.65 0.00	54.75 -1.46 0.00	79.49 -2.12 0.00	76.50 -1.93 0.00	55.80 -1.37 0.00	75.53 -2.03 0.00	65.01 -1.72 0.00	70.22 -1.62 0.07	61.69 -1.32 0.00	63.18 -1.54 0.13	59.02 -1.68 0.00	54.30 -1.64 0.02	46.17 -1.49 0.00	40.10 -1.40 0.00
SITHE___MASSENA 23902	32.30 0.33 0.00	30.25 0.09 0.00	27.45 -0.05 0.00	25.96 -0.07 0.00	27.01 -0.04 0.00	31.65 0.26 0.00	39.93 0.64 0.00	43.56 0.51 0.00	50.33 0.68 0.00	51.59 0.53 0.00	64.54 0.69 0.00	57.22 1.02 0.00	83.10 1.49 0.00	79.30 0.87 0.00	57.96 0.80 0.00	78.59 1.03 0.00	67.53 0.80 0.00	72.13 0.22 0.00	63.21 0.19 0.00	65.48 0.64 0.00	61.91 1.21 0.00	57.17 1.22 0.00	48.81 1.15 0.00	42.58 1.08 0.00
SITHE___OGDNSBRG 24021	33.02 1.05 0.00	30.89 0.72 0.00	28.02 0.52 0.00	26.47 0.44 0.00	27.58 0.52 0.00	32.41 1.02 0.00	40.94 1.66 0.00	44.64 1.59 0.00	51.07 1.41 0.00	52.40 1.33 0.00	65.25 1.40 0.00	57.96 1.76 0.00	84.08 2.46 0.00	79.96 1.53 0.00	58.47 1.31 0.00	79.12 1.56 0.00	67.99 1.25 0.00	72.20 0.28 0.00	63.83 0.81 0.00	66.69 1.85 0.00	63.57 2.87 0.00	58.85 2.89 0.00	50.23 2.57 0.00	43.72 2.23 0.00
SITHE___STERLING 23777	32.88 0.91 0.00	31.09 0.93 0.00	28.36 0.86 0.00	26.90 0.87 0.00	27.96 0.91 0.00	32.44 1.05 0.00	40.47 1.18 0.00	44.49 1.44 0.00	51.39 1.73 0.00	52.83 1.76 0.00	66.01 2.17 0.00	57.97 1.76 0.00	84.06 2.45 0.00	80.68 2.25 0.00	58.85 1.69 0.00	79.98 2.42 0.00	69.25 2.52 0.00	75.14 3.22 -0.01	66.15 3.14 0.00	67.87 3.02 -0.01	63.38 2.68 0.00	58.31 2.36 0.00	49.48 1.82 0.00	42.84 1.35 0.00
SLEIGHT__34_KV_TB1 80719	32.51 0.54 0.00	30.59 0.43 0.00	27.88 0.38 0.00	26.44 0.41 0.00	27.36 0.31 0.00	31.65 0.26 0.00	39.57 0.28 0.00	43.70 0.64 0.00	50.52 0.87 0.00	52.13 1.06 0.00	65.19 1.34 0.00	57.48 1.27 0.00	83.69 2.07 0.00	80.99 2.56 0.00	59.10 1.94 0.00	79.39 1.83 0.00	67.98 1.25 0.00	73.68 1.76 0.00	64.66 1.65 0.00	66.04 1.19 -0.01	61.29 0.59 0.00	56.17 0.21 0.00	47.42 -0.23 0.00	40.97 -0.52 0.00
SMITHTWN_69_KV_BK 1 55830	33.06 1.10 0.00	32.52 1.42 -0.94	29.01 1.52 0.00	27.70 1.66 0.00	28.73 1.67 -0.01	32.86 1.47 -0.01	40.50 1.21 0.00	44.93 1.88 0.00	51.26 1.61 0.00	55.29 2.21 -2.01	66.01 2.17 0.00	57.23 1.02 0.00	57.65 0.82 24.79	41.56 1.92 38.79	41.65 1.12 16.64	30.26 2.15 49.46	67.18 2.31 1.86	76.09 3.93 -0.24	65.62 3.68 1.09	67.39 2.54 0.00	61.79 1.31 0.22	55.25 1.12 1.83	43.67 1.20 5.19	42.76 1.27 0.00
SOUTH CAIRO___GT 23612	33.10 1.13 0.00	31.50 1.34 0.00	28.84 1.35 0.00	27.29 1.26 0.00	28.32 1.27 0.00	32.63 1.24 0.00	40.67 1.38 0.00	44.71 1.66 0.00	51.37 1.72 0.00	53.15 2.08 0.00	66.06 2.21 0.00	57.63 1.42 0.00	83.72 2.11 0.00	80.25 1.82 0.00	39.32 1.48 19.33	78.12 1.83 1.27	67.82 1.58 0.49	74.11 2.24 0.05	65.22 2.20 0.00	67.80 2.95 0.00	63.13 2.43 0.00	58.26 2.30 0.00	49.61 1.95 0.00	43.10 1.61 0.00
SOUTH HAMPTN___IC 23720	32.90 0.93 0.00	32.42 1.32 -0.94	28.99 1.50 0.00	27.88 1.85 0.00	28.98 1.92 -0.01	33.18 1.78 -0.01	40.71 1.43 0.00	45.13 2.08 0.00	51.44 1.78 0.00	55.60 2.54 -2.00	66.01 2.16 0.00	57.57 1.36 0.00	57.65 0.99 24.95	41.43 2.06 39.06	40.49 1.01 17.68	29.42 2.38 50.52	67.66 2.82 1.89	77.07 4.91 -0.24	66.50 4.57 1.09	68.44 3.60 0.00	62.84 2.36 0.22	56.09 1.97 1.84	44.23 1.80 5.23	43.29 1.80 0.00
SOUTHDOW_115KV_TB1 355954	33.57 1.61 0.00	31.56 1.40 0.00	28.57 1.08 0.00	27.11 1.07 0.00	28.16 1.11 0.00	32.85 1.46 0.00	41.37 2.08 0.00	46.17 3.12 0.00	53.87 4.22 0.00	55.36 4.30 0.00	68.92 5.07 0.00	61.31 5.10 0.00	89.49 7.87 0.00	87.43 9.00 0.00	63.07 5.90 0.00	82.86 5.30 0.00	70.39 3.66 0.00	76.16 4.24 0.00	66.59 3.58 0.00	68.27 3.43 0.00	62.76 2.05 0.00	57.10 1.15 0.00	47.75 0.09 0.00	40.92 -0.57 0.00
SOUTHOLD_69_KV_BK 2 55809	32.92 0.96 0.00	32.36 1.27 -0.94	28.98 1.48 0.00	28.04 2.01 0.00	29.16 2.10 -0.01	33.47 2.08 -0.01	41.15 1.86 0.00	45.56 2.51 0.00	51.90 2.24 0.00	56.19 3.13 -2.00	66.37 2.52 0.00	58.04 1.83 0.00	58.29 1.63 24.95	42.09 2.72 39.06	40.79 1.29 17.67	29.97 2.92 50.51	68.33 3.49 1.89	78.22 6.06 -0.24	67.54 5.62 1.09	69.56 4.72 0.00	63.97 3.49 0.22	57.15 3.03 1.84	45.14 2.71 5.23	43.98 2.49 0.00
SOUTHOLD___IC 23719	32.92 0.95 0.00	32.37 1.27 -0.94	28.98 1.48 0.00	28.05 2.01 0.00	29.16 2.10 -0.01	33.47 2.07 -0.01	41.15 1.86 0.00	45.56 2.51 0.00	51.89 2.24 0.00	56.19 3.12 -2.00	66.37 2.52 0.00	58.04 1.83 0.00	58.25 1.59 24.95	42.05 2.67 39.06	40.78 1.29 17.67	29.93 2.88 50.51	68.33 3.49 1.89	78.22 6.06 -0.24	67.49 5.56 1.09	69.57 4.72 0.00	63.97 3.49 0.22	57.09 2.97 1.84	45.06 2.62 5.23	43.98 2.49 0.00
SOUTH_FORK_WT_PWR 323839	32.69 0.72 0.00	32.09 1.00 -0.94	28.76 1.26 0.00	27.99 1.96 0.00	29.12 2.06 -0.01	33.48 2.09 -0.01	41.18 1.89 0.00	45.54 2.49 0.00	51.79 2.13 0.00	56.17 3.10 -2.00	66.00 2.15 0.00	57.85 1.64 0.00	57.96 1.30 24.95	41.73 2.35 39.06	40.40 0.91 17.67	29.50 2.45 50.52	68.17 3.33 1.89	78.33 6.17 -0.24	67.55 5.62 1.09	69.79 4.94 0.00	64.25 3.77 0.22	57.33 3.22 1.84	45.28 2.84 5.23	44.17 2.68 0.00
SPIERFLS_115KV_TB 1 80737	32.90 0.93 0.00	31.37 1.20 0.00	28.74 1.25 0.00	27.15 1.12 0.00	28.21 1.16 0.00	32.30 0.91 0.00	40.38 1.09 0.00	44.34 1.29 0.00	50.80 1.14 0.00	52.44 1.38 0.00	65.19 1.35 0.00	56.95 0.74 0.00	82.42 0.81 0.00	79.06 0.63 0.00	-6.66 0.31 64.13	73.82 0.48 4.21	65.82 0.72 1.63	73.35 1.61 0.17	64.74 1.73 0.00	66.84 2.00 0.00	62.21 1.51 0.00	57.35 1.40 0.00	48.95 1.29 0.00	42.94 1.45 0.00
ST LAWRENCE____ 23600	31.92 -0.05 0.00	29.89 -0.27 0.00	27.14 -0.36 0.00	25.68 -0.36 0.00	26.70 -0.36 0.00	31.24 -0.15 0.00	39.39 0.10 0.00	42.98 -0.07 0.00	49.72 0.07 0.00	50.99 -0.07 0.00	63.82 -0.03 0.00	56.46 0.25 0.00	82.02 0.40 0.00	78.48 0.05 0.00	57.33 0.17 0.00	77.76 0.20 0.00	66.85 0.12 0.00	71.54 -0.38 0.00	62.61 -0.40 0.00	64.75 -0.09 0.00	61.15 0.45 0.00	56.41 0.45 0.00	48.05 0.39 0.00	41.92 0.43 0.00

STATE_CA_115KV_115_LB 55624	32.17 0.20 0.00	30.66 0.49 0.00	28.10 0.60 0.00	26.61 0.58 0.00	27.59 0.53 0.00	31.74 0.35 0.00	39.46 0.18 0.00	43.44 0.38 0.00	49.86 0.20 0.00	51.53 0.46 0.00	64.24 0.39 0.00	56.27 0.06 0.00	81.68 0.07 0.00	78.59 0.16 0.00	-0.44 0.08 57.68	74.02 0.24 3.78	65.60 0.34 1.47	72.65 0.89 0.15	63.79 0.78 0.00	65.53 0.69 0.00	60.86 0.16 0.00	56.14 0.18 0.00	47.96 0.30 0.00	41.83 0.34 0.00
STATE_ST_34_KV_LOAD 55959	32.49 0.52 0.00	30.61 0.45 0.00	28.25 0.75 0.00	27.07 1.03 0.00	27.78 0.72 0.00	31.86 0.47 0.00	39.82 0.53 0.00	43.93 0.88 0.00	50.62 0.97 0.00	52.00 0.94 0.00	64.94 1.09 0.00	57.00 0.79 0.00	82.71 1.10 0.00	79.96 1.53 0.00	58.33 1.16 0.00	78.88 1.32 0.00	68.20 1.47 0.00	73.96 2.03 -0.01	64.93 1.92 0.00	66.35 1.48 -0.02	61.81 1.11 0.00	56.81 0.85 0.00	47.94 0.28 0.00	41.60 0.11 0.00
STATION_5_MISC_HYD 23604	33.06 1.09 0.00	31.06 0.90 0.00	28.17 0.67 0.00	26.62 0.58 0.00	27.62 0.57 0.00	32.03 0.64 0.00	40.02 0.74 0.00	44.24 1.19 0.00	51.34 1.69 0.00	53.03 1.96 0.00	66.21 2.36 0.00	58.56 2.36 0.00	85.38 3.77 0.00	82.63 4.20 0.00	60.21 3.05 0.00	80.31 2.75 0.00	68.61 1.88 0.00	74.28 2.36 0.00	65.21 2.20 0.00	66.63 1.79 0.00	61.70 1.00 0.00	56.50 0.54 0.00	47.69 0.03 0.00	41.19 -0.30 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.72 0.75 0.00	30.80 0.64 0.00	28.04 0.54 0.00	26.58 0.55 0.00	27.51 0.46 0.00	31.83 0.44 0.00	39.81 0.52 0.00	43.99 0.94 0.00	50.95 1.30 0.00	52.52 1.45 0.00	65.63 1.79 0.00	57.94 1.74 0.00	84.36 2.75 0.00	81.62 3.19 0.00	59.47 2.31 0.00	79.76 2.20 0.00	68.24 1.51 0.00	74.02 2.10 0.00	65.01 2.00 0.00	66.44 1.59 0.00	61.57 0.87 0.00	56.42 0.47 0.00	47.64 -0.02 0.00	41.15 -0.34 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.78 0.81 0.00	30.81 0.64 0.00	27.95 0.45 0.00	26.41 0.38 0.00	27.40 0.35 0.00	31.76 0.37 0.00	39.71 0.42 0.00	43.88 0.82 0.00	50.91 1.26 0.00	52.58 1.51 0.00	65.67 1.82 0.00	58.08 1.88 0.00	84.68 3.07 0.00	81.95 3.52 0.00	59.71 2.55 0.00	79.71 2.15 0.00	68.09 1.36 0.00	73.72 1.80 0.00	64.71 1.70 0.00	66.12 1.28 0.00	61.24 0.54 0.00	56.09 0.13 0.00	47.35 -0.31 0.00	40.90 -0.59 0.00
STA_56___34_KV_BUS2 355983	32.78 0.81 0.00	30.81 0.64 0.00	27.95 0.45 0.00	26.41 0.38 0.00	27.40 0.35 0.00	31.76 0.37 0.00	39.71 0.42 0.00	43.88 0.82 0.00	50.91 1.26 0.00	52.58 1.51 0.00	65.67 1.82 0.00	58.08 1.88 0.00	84.68 3.07 0.00	81.95 3.52 0.00	59.71 2.55 0.00	79.71 2.15 0.00	68.09 1.36 0.00	73.72 1.80 0.00	64.71 1.70 0.00	66.12 1.28 0.00	61.24 0.54 0.00	56.09 0.13 0.00	47.35 -0.31 0.00	40.90 -0.59 0.00
STA_67___115KV_BK2 355882	32.98 1.02 0.00	30.99 0.83 0.00	28.11 0.62 0.00	26.56 0.53 0.00	27.57 0.51 0.00	31.96 0.57 0.00	39.94 0.66 0.00	44.14 1.09 0.00	51.20 1.55 0.00	52.88 1.82 0.00	66.02 2.17 0.00	58.40 2.19 0.00	85.11 3.50 0.00	82.37 3.93 0.00	60.01 2.84 0.00	80.05 2.49 0.00	68.40 1.67 0.00	74.05 2.13 0.00	65.02 2.01 0.00	66.43 1.59 0.00	61.53 0.82 0.00	56.33 0.37 0.00	47.56 -0.10 0.00	41.09 -0.40 0.00
STA_7___115KV_9TRANS 80674	33.24 1.27 0.00	31.22 1.06 0.00	28.31 0.81 0.00	26.74 0.70 0.00	27.75 0.70 0.00	32.18 0.79 0.00	40.22 0.93 0.00	44.49 1.43 0.00	51.64 1.98 0.00	53.37 2.30 0.00	66.64 2.79 0.00	58.96 2.76 0.00	86.00 4.38 0.00	83.23 4.80 0.00	60.67 3.50 0.00	80.94 3.38 0.00	69.15 2.42 0.00	74.85 2.93 0.00	65.71 2.70 0.00	67.13 2.28 0.00	62.13 1.43 0.00	56.88 0.93 0.00	47.99 0.33 0.00	41.44 -0.05 0.00
STA_82___115KV_TB1 80780	32.95 0.98 0.00	30.96 0.80 0.00	28.09 0.59 0.00	26.54 0.51 0.00	27.54 0.49 0.00	31.93 0.54 0.00	39.90 0.62 0.00	44.08 1.03 0.00	51.13 1.48 0.00	52.82 1.76 0.00	65.93 2.08 0.00	58.32 2.11 0.00	84.97 3.36 0.00	82.25 3.82 0.00	59.92 2.75 0.00	79.92 2.36 0.00	68.31 1.58 0.00	73.95 2.03 0.00	64.95 1.94 0.00	66.35 1.50 0.00	61.46 0.75 0.00	56.26 0.31 0.00	47.50 -0.16 0.00	41.04 -0.45 0.00
STEEL___WIND 323596	33.14 1.17 0.00	31.10 0.94 0.00	28.13 0.63 0.00	26.55 0.52 0.00	27.57 0.51 0.00	32.03 0.63 0.00	40.05 0.76 0.00	44.41 1.35 0.00	51.78 2.13 0.00	53.22 2.15 0.00	66.37 2.52 0.00	58.87 2.66 0.00	85.65 4.04 0.00	83.09 4.67 0.00	60.32 3.16 0.00	79.83 2.27 0.00	68.00 1.27 0.00	73.82 1.91 0.00	65.00 1.99 0.00	66.17 1.32 0.00	61.03 0.33 0.00	55.73 -0.22 0.00	46.91 -0.75 0.00	40.39 -1.10 0.00
STEPHTWN_115KV_BK_2 55603	32.31 0.34 0.00	30.80 0.64 0.00	28.22 0.72 0.00	26.73 0.70 0.00	27.71 0.66 0.00	31.92 0.53 0.00	39.72 0.43 0.00	43.64 0.58 0.00	50.14 0.48 0.00	51.77 0.71 0.00	64.51 0.67 0.00	56.43 0.22 0.00	82.03 0.42 0.00	78.90 0.47 0.00	-0.93 0.29 58.39	74.22 0.49 3.83	65.95 0.70 1.48	73.17 1.41 0.16	64.13 1.12 0.00	66.00 1.16 0.00	61.30 0.60 0.00	56.56 0.61 0.00	48.25 0.59 0.00	41.98 0.49 0.00
STEUBEN_REC_LFGE 323667	33.07 1.11 0.00	31.20 1.04 0.00	28.41 0.91 0.00	26.92 0.89 0.00	27.95 0.89 0.00	32.44 1.05 0.00	40.50 1.21 0.00	45.02 1.97 0.00	52.15 2.50 0.00	53.47 2.40 0.00	66.89 3.04 0.00	59.01 2.81 0.00	85.99 4.38 0.00	83.21 4.78 0.00	60.03 2.86 0.00	79.87 2.31 0.00	68.69 1.96 0.00	75.33 3.41 0.00	66.76 3.75 0.00	68.42 3.57 -0.01	63.05 2.35 0.00	57.57 1.61 0.00	48.23 0.57 0.00	41.37 -0.12 0.00
STILLWATER___SOLAR 323814	32.95 0.98 0.00	31.35 1.19 0.00	28.72 1.23 0.00	27.18 1.15 0.00	28.22 1.16 0.00	32.44 1.06 0.00	40.45 1.17 0.00	44.45 1.40 0.00	51.02 1.36 0.00	52.64 1.58 0.00	65.53 1.68 0.00	57.34 1.14 0.00	83.13 1.52 0.00	79.76 1.33 0.00	-14.11 0.85 72.13	74.02 1.19 4.73	66.20 1.30 1.83	73.76 2.03 0.19	65.02 2.01 0.00	67.02 2.17 0.00	62.36 1.66 0.00	57.49 1.53 0.00	49.06 1.40 0.00	42.86 1.37 0.00
STONY___BROOK 24151	32.99 1.03 0.00	32.47 1.37 -0.94	28.98 1.48 0.00	27.67 1.64 0.00	28.71 1.65 -0.01	32.83 1.43 -0.01	40.43 1.15 0.00	44.85 1.80 0.00	51.13 1.47 0.00	55.16 2.09 -2.01	65.82 1.97 0.00	57.01 0.80 0.00	57.34 0.56 24.84	41.26 1.70 38.87	41.17 0.95 16.95	29.62 1.83 49.78	66.86 2.00 1.87	75.74 3.58 -0.24	65.30 3.37 1.09	67.10 2.26 0.00	61.53 1.05 0.22	55.06 0.93 1.83	43.50 1.04 5.20	42.69 1.20 0.00
STURGEON_POOL_HYD 23609	32.80 0.83 0.00	31.20 1.04 0.00	28.60 1.10 0.00	27.14 1.11 0.00	28.15 1.10 0.00	32.34 0.95 0.00	40.38 1.09 0.00	44.72 1.66 0.00	51.14 1.49 0.00	52.89 1.83 0.00	66.09 2.24 0.00	57.83 1.62 0.00	83.95 2.34 0.00	81.25 2.82 0.00	114.10 1.85 -55.08	84.24 3.07 -3.61	71.04 2.91 -1.40	76.01 3.95 -0.15	66.38 3.36 0.00	67.61 2.77 0.00	62.48 1.78 0.00	57.59 1.63 0.00	49.14 1.48 0.00	42.83 1.34 0.00

ST_LAW_115_BK7_LBMP 345037	31.92 -0.05 0.00	29.89 -0.28 0.00	27.14 -0.36 0.00	25.65 -0.38 0.00	26.69 -0.37 0.00	31.24 -0.15 0.00	39.41 0.12 0.00	43.00 -0.05 0.00	49.73 0.08 0.00	50.99 -0.07 0.00	63.83 -0.02 0.00	56.50 0.29 0.00	82.06 0.44 0.00	78.46 0.03 0.00	57.33 0.17 0.00	77.75 0.19 0.00	66.84 0.11 0.00	71.48 -0.44 0.00	62.56 -0.45 0.00	64.73 -0.11 0.00	61.19 0.49 0.00	56.44 0.49 0.00	48.10 0.44 0.00	41.97 0.48 0.00
ST_LAW_115_BK8_LBMP 345038	31.92 -0.05 0.00	29.89 -0.28 0.00	27.14 -0.36 0.00	25.65 -0.38 0.00	26.69 -0.37 0.00	31.24 -0.15 0.00	39.41 0.12 0.00	43.00 -0.05 0.00	49.73 0.08 0.00	50.99 -0.07 0.00	63.83 -0.02 0.00	56.50 0.29 0.00	82.06 0.44 0.00	78.46 0.03 0.00	57.33 0.17 0.00	77.75 0.19 0.00	66.84 0.11 0.00	71.48 -0.44 0.00	62.56 -0.45 0.00	64.73 -0.11 0.00	61.19 0.49 0.00	56.44 0.49 0.00	48.10 0.44 0.00	41.97 0.48 0.00
ST_LAW_230_BK5_LBMP 345035	31.92 -0.05 0.00	29.89 -0.27 0.00	27.14 -0.36 0.00	25.68 -0.36 0.00	26.70 -0.36 0.00	31.24 -0.15 0.00	39.39 0.10 0.00	42.98 -0.07 0.00	49.72 0.07 0.00	50.99 -0.07 0.00	63.82 -0.03 0.00	56.46 0.25 0.00	82.02 0.40 0.00	78.48 0.05 0.00	57.33 0.17 0.00	77.76 0.20 0.00	66.85 0.12 0.00	71.54 -0.38 0.00	62.61 -0.40 0.00	64.75 -0.09 0.00	61.15 0.45 0.00	56.41 0.45 0.00	48.05 0.39 0.00	41.92 0.43 0.00
ST_LAW_230_BK6_LBMP 345036	31.92 -0.05 0.00	29.89 -0.27 0.00	27.14 -0.36 0.00	25.68 -0.36 0.00	26.70 -0.36 0.00	31.24 -0.15 0.00	39.39 0.10 0.00	42.98 -0.07 0.00	49.72 0.07 0.00	50.99 -0.07 0.00	63.82 -0.03 0.00	56.46 0.25 0.00	82.02 0.40 0.00	78.48 0.05 0.00	57.33 0.17 0.00	77.76 0.20 0.00	66.85 0.12 0.00	71.54 -0.38 0.00	62.61 -0.40 0.00	64.75 -0.09 0.00	61.15 0.45 0.00	56.41 0.45 0.00	48.05 0.39 0.00	41.92 0.43 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.77 0.80 0.00	31.16 1.00 0.00	28.55 1.06 0.00	27.10 1.06 0.00	28.10 1.05 0.00	32.30 0.91 0.00	40.32 1.04 0.00	44.64 1.59 0.00	51.03 1.37 0.00	52.78 1.71 0.00	65.86 2.01 0.00	57.69 1.49 0.00	83.73 2.12 0.00	81.15 2.72 0.00	139.63 1.74 -80.73	85.70 2.85 -5.30	71.51 2.73 -2.05	75.85 3.71 -0.22	66.21 3.20 0.00	67.48 2.63 0.00	62.35 1.65 0.00	57.48 1.53 0.00	49.08 1.42 0.00	42.77 1.28 0.00
SWANROAD_115KV_TB1 355699	32.56 0.59 0.00	30.55 0.39 0.00	27.60 0.10 0.00	26.02 -0.01 0.00	27.01 -0.04 0.00	31.37 -0.02 0.00	39.16 -0.13 0.00	43.23 0.17 0.00	50.29 0.63 0.00	51.76 0.69 0.00	64.55 0.71 0.00	57.35 1.14 0.00	83.59 1.98 0.00	80.81 2.38 0.00	58.73 1.57 0.00	77.47 -0.09 0.00	65.84 -0.89 0.00	71.51 -0.41 0.00	62.90 -0.11 0.00	64.12 -0.72 0.00	59.14 -1.56 0.00	54.05 -1.91 0.00	45.64 -2.02 0.00	39.47 -2.02 0.00
SYNERGY___BIOGAS 323694	33.93 1.96 0.00	31.79 1.63 0.00	28.75 1.26 0.00	27.12 1.09 0.00	28.17 1.12 0.00	32.76 1.37 0.00	40.94 1.65 0.00	45.24 2.19 0.00	52.62 2.97 0.00	54.38 3.31 0.00	67.59 3.74 0.00	59.64 3.43 0.00	86.88 5.27 0.00	84.19 5.76 0.00	61.67 4.51 0.00	81.55 3.99 0.00	69.64 2.90 0.00	75.58 3.66 0.00	66.62 3.61 0.00	67.98 3.14 0.00	62.91 2.21 0.00	57.46 1.50 0.00	48.38 0.72 0.00	41.69 0.20 0.00
SYRACUSE___ENERGY_ST1 323597	32.10 0.14 0.00	30.31 0.15 0.00	27.88 0.38 0.00	26.63 0.59 0.00	27.38 0.32 0.00	31.51 0.12 0.00	39.27 -0.01 0.00	43.23 0.18 0.00	49.86 0.20 0.00	51.31 0.24 0.00	64.15 0.30 0.00	56.41 0.20 0.00	81.87 0.26 0.00	78.89 0.45 0.00	57.55 0.38 0.00	78.02 0.46 0.00	67.23 0.50 0.00	72.81 0.88 -0.01	63.86 0.85 0.00	65.45 0.58 -0.03	60.93 0.23 0.00	56.02 0.06 0.00	47.51 -0.15 0.00	41.21 -0.28 0.00
SYRACUSE___ENERGY_ST2 323598	32.10 0.14 0.00	30.31 0.15 0.00	27.88 0.38 0.00	26.63 0.59 0.00	27.38 0.32 0.00	31.51 0.12 0.00	39.27 -0.01 0.00	43.23 0.18 0.00	49.86 0.20 0.00	51.31 0.24 0.00	64.15 0.30 0.00	56.41 0.20 0.00	81.87 0.26 0.00	78.89 0.45 0.00	57.55 0.38 0.00	78.02 0.46 0.00	67.23 0.50 0.00	72.81 0.88 -0.01	63.86 0.85 0.00	65.45 0.58 -0.03	60.93 0.23 0.00	56.02 0.06 0.00	47.51 -0.15 0.00	41.21 -0.28 0.00
SYRACUSE___POWER 24017	32.17 0.20 0.00	30.42 0.26 0.00	27.79 0.29 0.00	26.39 0.36 0.00	27.30 0.24 0.00	31.57 0.18 0.00	39.30 0.02 0.00	43.27 0.22 0.00	49.93 0.28 0.00	51.40 0.34 0.00	64.27 0.42 0.00	56.53 0.32 0.00	82.07 0.46 0.00	79.03 0.60 0.00	57.62 0.46 0.00	78.11 0.55 0.00	67.32 0.59 0.00	72.96 1.03 -0.01	64.02 1.01 0.00	65.63 0.77 -0.02	61.04 0.34 0.00	56.12 0.16 0.00	47.61 -0.05 0.00	41.28 -0.21 0.00
TALLMAN__138KV_BK151 55660	32.87 0.89 0.00	31.25 1.09 0.00	28.63 1.14 0.00	27.19 1.15 0.00	28.18 1.13 0.00	32.40 1.00 0.00	40.49 1.20 0.00	44.85 1.80 0.00	51.23 1.57 0.00	52.98 1.91 0.00	66.11 2.27 0.00	57.93 1.72 0.00	84.04 2.43 0.00	81.56 3.13 0.00	143.42 2.00 -84.26	86.28 3.19 -5.53	71.90 3.03 -2.14	76.21 4.07 -0.22	66.51 3.50 0.00	67.73 2.88 0.00	62.54 1.84 0.00	57.65 1.70 0.00	49.24 1.58 0.00	42.93 1.44 0.00
TEALLAVE_115KV_TB7 355573	32.05 0.07 0.00	30.28 0.12 0.00	27.63 0.13 0.00	26.21 0.17 0.00	27.16 0.10 0.00	31.41 0.02 0.00	39.11 -0.18 0.00	43.03 -0.02 0.00	49.66 0.01 0.00	51.15 0.09 0.00	63.93 0.09 0.00	56.26 0.05 0.00	81.71 0.10 0.00	78.71 0.28 0.00	57.40 0.24 0.00	77.77 0.20 0.00	66.96 0.22 0.00	72.49 0.57 -0.01	63.60 0.59 0.00	65.19 0.33 -0.01	60.64 -0.06 0.00	55.76 -0.20 0.00	47.33 -0.33 0.00	41.03 -0.46 0.00
TELGRAPH_34_KV_EAST 80808	33.24 1.27 0.00	31.18 1.02 0.00	28.18 0.68 0.00	26.58 0.54 0.00	27.60 0.54 0.00	32.07 0.68 0.00	40.05 0.77 0.00	44.26 1.21 0.00	51.50 1.85 0.00	53.09 2.03 0.00	66.13 2.28 0.00	58.63 2.42 0.00	85.40 3.79 0.00	82.69 4.26 0.00	60.22 3.06 0.00	79.70 2.14 0.00	67.84 1.10 0.00	73.59 1.67 0.00	64.78 1.76 0.00	66.11 1.26 0.00	61.03 0.33 0.00	55.79 -0.16 0.00	47.02 -0.64 0.00	40.57 -0.91 0.00
TEMPLE___115KV_TB 2 55572	32.05 0.07 0.00	30.30 0.14 0.00	27.65 0.15 0.00	26.21 0.18 0.00	27.16 0.11 0.00	31.43 0.04 0.00	39.12 -0.17 0.00	43.05 0.00 0.00	49.69 0.04 0.00	51.18 0.11 0.00	63.98 0.13 0.00	56.31 0.10 0.00	81.78 0.17 0.00	78.78 0.35 0.00	57.43 0.27 0.00	77.80 0.24 0.00	67.00 0.27 0.00	72.54 0.61 -0.01	63.65 0.63 0.00	65.24 0.38 -0.01	60.67 -0.03 0.00	55.79 -0.17 0.00	47.34 -0.32 0.00	41.04 -0.45 0.00
TIANA____69_KV_BK 1 55817	32.88 0.91 0.00	32.42 1.32 -0.94	28.98 1.49 0.00	27.81 1.78 0.00	28.90 1.85 -0.01	33.07 1.68 -0.01	40.58 1.29 0.00	44.98 1.93 0.00	51.27 1.62 0.00	55.39 2.33 -2.00	65.90 2.05 0.00	57.39 1.18 0.00	57.45 0.79 24.95	41.23 1.86 39.06	40.36 0.87 17.67	29.25 2.20 50.51	67.39 2.55 1.89	76.68 4.52 -0.24	66.24 4.31 1.09	68.07 3.23 0.00	62.48 2.00 0.22	55.82 1.70 1.84	44.05 1.61 5.23	43.08 1.58 0.00

TILDEN___115KV_TB1 80814	32.17 0.20 0.00	30.42 0.26 0.00	27.79 0.29 0.00	26.39 0.36 0.00	27.30 0.24 0.00	31.57 0.18 0.00	39.30 0.02 0.00	43.27 0.22 0.00	49.93 0.28 0.00	51.40 0.34 0.00	64.27 0.42 0.00	56.53 0.32 0.00	82.07 0.46 0.00	79.03 0.60 0.00	57.62 0.46 0.00	78.11 0.55 0.00	67.32 0.59 0.00	72.96 1.03 -0.01	64.02 1.01 0.00	65.63 0.77 -0.02	61.04 0.34 0.00	56.12 0.16 0.00	47.61 -0.05 0.00	41.28 -0.21 0.00
TRIGEN___CC 323695	32.99 1.02 0.00	33.06 1.25 -1.65	28.82 1.32 0.00	27.45 1.41 0.00	28.47 1.40 -0.01	32.64 1.24 -0.01	40.52 1.24 0.00	44.94 1.89 0.00	51.32 1.66 0.00	56.76 2.16 -3.53	66.24 2.39 0.00	57.79 1.58 -0.01	79.29 1.70 4.02	75.72 2.43 5.14	170.92 1.49 -112.26	161.98 2.63 -81.79	71.00 2.65 -1.62	76.09 3.93 -0.24	66.30 3.34 0.05	67.36 2.51 0.00	62.03 1.38 0.05	57.11 1.20 0.04	47.98 1.24 0.92	42.83 1.34 0.00
TRINITY__115KV__4 BK 55933	32.04 0.06 0.00	30.54 0.38 0.00	27.99 0.49 0.00	26.51 0.48 0.00	27.48 0.43 0.00	31.61 0.21 0.00	39.27 -0.01 0.00	43.20 0.15 0.00	49.58 -0.08 0.00	51.23 0.16 0.00	63.85 0.01 0.00	55.90 -0.31 0.00	81.16 -0.45 0.00	78.05 -0.39 0.00	-0.88 -0.31 57.73	73.50 -0.27 3.79	65.12 -0.14 1.47	72.10 0.34 0.15	63.30 0.28 0.00	65.04 0.20 0.00	60.42 -0.28 0.00	55.75 -0.21 0.00	47.68 0.02 0.00	41.59 0.10 0.00
UNION___PROCESSING_DRP 323587	32.95 0.98 0.00	30.97 0.81 0.00	28.10 0.60 0.00	26.55 0.51 0.00	27.55 0.50 0.00	31.94 0.55 0.00	39.91 0.62 0.00	44.10 1.04 0.00	51.15 1.50 0.00	52.83 1.76 0.00	65.94 2.10 0.00	58.32 2.11 0.00	85.00 3.39 0.00	82.27 3.84 0.00	59.94 2.78 0.00	79.93 2.38 0.00	68.32 1.59 0.00	73.97 2.05 0.00	64.96 1.95 0.00	66.36 1.52 0.00	61.47 0.76 0.00	56.27 0.32 0.00	47.51 -0.14 0.00	41.06 -0.44 0.00
UPPER HUDSON___HYD 24058	32.90 0.93 0.00	31.36 1.20 0.00	28.74 1.25 0.00	27.15 1.12 0.00	28.21 1.16 0.00	32.30 0.91 0.00	40.38 1.09 0.00	44.34 1.29 0.00	50.79 1.14 0.00	52.44 1.37 0.00	65.19 1.35 0.00	56.95 0.74 0.00	82.42 0.81 0.00	79.06 0.63 0.00	-6.67 0.30 64.13	73.82 0.48 4.21	65.83 0.72 1.63	73.35 1.61 0.17	64.74 1.72 0.00	66.85 2.00 0.00	62.21 1.51 0.00	57.35 1.39 0.00	48.94 1.28 0.00	42.94 1.45 0.00
UPPER RAQUET___HYD 24056	32.45 0.48 0.00	30.40 0.24 0.00	27.59 0.09 0.00	26.10 0.07 0.00	27.21 0.16 0.00	31.94 0.55 0.00	40.36 1.08 0.00	44.07 1.02 0.00	50.75 1.10 0.00	51.91 0.84 0.00	64.83 0.98 0.00	57.53 1.32 0.00	83.54 1.93 0.00	79.54 1.11 0.00	58.14 0.97 0.00	78.69 1.13 0.00	67.59 0.86 0.00	71.78 -0.13 0.00	63.02 0.00 0.00	65.53 0.68 0.00	62.19 1.49 0.00	57.65 1.69 0.00	49.43 1.77 0.00	43.08 1.59 0.00
VALLEY44_115KV_TB2 355964	33.23 1.26 0.00	31.41 1.25 0.00	28.51 1.01 0.00	26.98 0.94 0.00	28.01 0.96 0.00	32.47 1.08 0.00	40.63 1.34 0.00	45.09 2.03 0.00	52.26 2.61 0.00	53.43 2.37 0.00	66.39 2.54 0.00	58.19 1.98 0.00	84.51 2.89 0.00	81.79 3.36 0.00	59.15 1.98 0.00	78.57 1.01 0.00	66.92 0.19 0.00	72.42 0.50 0.00	64.04 1.02 0.00	65.21 0.36 0.00	59.96 -0.73 0.00	54.84 -1.12 0.00	46.20 -1.46 0.00	40.18 -1.32 0.00
VALLEY___115KV_TB 1-4 80826	31.95 -0.02 0.00	30.43 0.28 0.00	27.86 0.37 0.00	26.38 0.35 0.00	27.40 0.35 0.00	31.55 0.16 0.00	39.32 0.03 0.00	43.26 0.21 0.00	49.66 0.01 0.00	51.17 0.10 0.00	63.88 0.03 0.00	55.87 -0.34 0.00	80.96 -0.66 0.00	77.58 -0.85 0.00	56.40 -0.76 0.00	76.73 -0.83 0.00	66.15 -0.58 0.00	72.14 0.23 0.00	63.70 0.68 0.00	65.70 0.86 0.00	61.09 0.38 0.00	56.21 0.26 0.00	47.97 0.31 0.00	41.76 0.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.13 1.16 0.00	31.50 1.34 0.00	28.76 1.26 0.00	27.25 1.22 0.00	28.28 1.23 0.00	32.66 1.27 0.00	40.93 1.64 0.00	45.01 1.95 0.00	51.72 2.07 0.00	53.38 2.31 0.00	66.70 2.85 0.00	58.53 2.33 0.00	85.04 3.43 0.00	81.97 3.54 0.00	73.95 2.41 -14.37	81.78 3.27 -0.94	70.02 2.92 -0.37	75.70 3.74 -0.04	66.43 3.42 0.00	68.05 3.20 0.00	63.14 2.44 0.00	58.11 2.15 0.00	49.41 1.75 0.00	42.89 1.40 0.00
VISCHER___FERRY HYD 24020	32.56 0.59 0.00	31.00 0.84 0.00	28.43 0.93 0.00	26.89 0.86 0.00	27.90 0.84 0.00	32.07 0.68 0.00	39.90 0.61 0.00	43.86 0.81 0.00	50.33 0.67 0.00	51.98 0.92 0.00	64.69 0.85 0.00	56.60 0.40 0.00	82.14 0.53 0.00	78.84 0.41 0.00	-33.31 0.16 90.63	72.05 0.44 5.94	64.88 0.46 2.30	72.75 1.08 0.24	63.98 0.96 0.00	65.87 1.02 0.00	61.22 0.52 0.00	56.50 0.55 0.00	48.34 0.68 0.00	42.23 0.74 0.00
V_A_10_SYNC_DSASP 323832	32.64 0.67 0.00	30.69 0.53 0.00	27.80 0.30 0.00	26.23 0.20 0.00	27.23 0.18 0.00	31.60 0.21 0.00	39.45 0.17 0.00	43.59 0.54 0.00	50.65 0.99 0.00	52.20 1.14 0.00	65.12 1.27 0.00	57.65 1.44 0.00	84.00 2.39 0.00	81.34 2.91 0.00	59.09 1.93 0.00	78.38 0.82 0.00	66.81 0.07 0.00	72.46 0.55 0.00	63.71 0.69 0.00	65.02 0.17 0.00	60.03 -0.67 0.00	54.90 -1.06 0.00	46.35 -1.31 0.00	40.04 -1.45 0.00
V_CMM_10_SYNC_DSASP 323787	32.10 0.13 0.00	30.06 -0.10 0.00	27.28 -0.22 0.00	25.80 -0.23 0.00	26.83 -0.22 0.00	31.42 0.03 0.00	39.64 0.35 0.00	43.25 0.20 0.00	50.03 0.38 0.00	51.30 0.23 0.00	64.19 0.34 0.00	56.81 0.60 0.00	82.52 0.91 0.00	78.63 0.20 0.00	57.66 0.49 0.00	78.20 0.64 0.00	67.22 0.49 0.00	71.90 -0.01 0.00	62.94 -0.08 0.00	65.12 0.27 0.00	61.52 0.82 0.00	56.75 0.79 0.00	48.36 0.70 0.00	42.19 0.70 0.00
V_CMP_10_SYNC_DSASP 323788	32.39 0.42 0.00	30.31 0.15 0.00	27.37 -0.12 0.00	25.87 -0.17 0.00	26.99 -0.06 0.00	31.67 0.28 0.00	40.03 0.74 0.00	43.63 0.57 0.00	50.36 0.70 0.00	51.73 0.66 0.00	64.64 0.79 0.00	57.36 1.15 0.00	83.62 2.01 0.00	80.04 1.61 0.00	58.48 1.31 0.00	79.71 2.15 0.00	68.67 1.94 0.00	73.45 1.53 0.00	64.32 1.31 0.00	66.61 1.76 0.00	62.87 2.16 0.00	58.06 2.11 0.00	49.49 1.83 0.00	43.04 1.56 0.00
V_D_10_SYNC_DSASP 323841	32.30 0.33 0.00	30.25 0.09 0.00	27.45 -0.05 0.00	25.96 -0.07 0.00	27.00 -0.05 0.00	31.64 0.25 0.00	39.93 0.64 0.00	43.56 0.51 0.00	50.33 0.67 0.00	51.59 0.53 0.00	64.53 0.68 0.00	57.21 1.00 0.00	83.10 1.49 0.00	79.29 0.86 0.00	57.96 0.79 0.00	78.59 1.03 0.00	67.53 0.79 0.00	72.13 0.22 0.00	63.21 0.19 0.00	65.48 0.63 0.00	61.91 1.21 0.00	57.16 1.20 0.00	48.79 1.13 0.00	42.57 1.08 0.00
V_E_10_SYNC_DSASP 323830	34.16 2.19 0.00	32.42 2.26 0.00	29.59 2.09 0.00	28.13 2.09 0.00	29.11 2.06 0.00	33.99 2.60 0.00	42.60 3.31 0.00	47.37 4.32 0.00	54.65 5.00 0.00	55.98 4.91 0.00	70.22 6.37 0.00	61.52 5.31 0.00	88.68 7.07 0.00	85.37 6.94 0.00	61.79 4.63 0.00	83.32 5.77 0.00	72.35 5.62 0.00	78.83 6.91 -0.01	70.24 7.22 0.00	72.38 7.53 -0.01	67.31 6.61 0.00	61.41 5.45 0.00	51.85 4.19 0.00	44.69 3.20 0.00

V_F_30_NSYNC___DSASP 323816	33.01 1.04 0.00	31.40 1.24 0.00	28.76 1.26 0.00	27.23 1.20 0.00	28.26 1.21 0.00	32.50 1.11 0.00	40.52 1.24 0.00	44.54 1.49 0.00	51.11 1.46 0.00	52.75 1.69 0.00	65.70 1.85 0.00	57.48 1.28 0.00	83.35 1.74 0.00	80.00 1.57 0.00	-10.47 1.01 68.64	74.50 1.44 4.50	66.50 1.51 1.74	74.00 2.27 0.18	65.22 2.20 0.00	67.19 2.34 0.00	62.52 1.82 0.00	57.64 1.68 0.00	49.17 1.51 0.00	42.93 1.44 0.00
V_F_30_SYNC_DSASP 323786	32.17 0.20 0.00	30.66 0.49 0.00	28.10 0.60 0.00	26.61 0.57 0.00	27.59 0.53 0.00	31.74 0.35 0.00	39.46 0.17 0.00	43.43 0.38 0.00	49.86 0.20 0.00	51.53 0.46 0.00	64.23 0.39 0.00	56.26 0.05 0.00	81.67 0.05 0.00	78.57 0.14 0.00	-0.40 0.06 57.62	74.02 0.24 3.78	65.59 0.33 1.46	72.63 0.86 0.15	63.78 0.77 0.00	65.52 0.68 0.00	60.86 0.16 0.00	56.13 0.17 0.00	47.96 0.30 0.00	41.83 0.33 0.00
V_XM_10_SYNC_DSASP 323789	32.39 0.42 0.00	30.31 0.15 0.00	27.37 -0.12 0.00	25.87 -0.17 0.00	26.99 -0.06 0.00	31.67 0.28 0.00	40.03 0.74 0.00	43.63 0.57 0.00	50.36 0.70 0.00	51.73 0.66 0.00	64.64 0.79 0.00	57.36 1.15 0.00	83.62 2.01 0.00	80.04 1.61 0.00	58.48 1.31 0.00	79.71 2.15 0.00	68.67 1.94 0.00	73.45 1.53 0.00	64.32 1.31 0.00	66.61 1.76 0.00	62.87 2.16 0.00	58.06 2.11 0.00	49.49 1.83 0.00	43.04 1.56 0.00
W.BABYLN_69_KV_BK1 56697	33.35 1.39 0.00	32.83 1.64 -1.03	29.20 1.71 0.00	27.83 1.79 0.00	28.86 1.80 -0.01	33.07 1.67 -0.01	40.92 1.63 0.00	45.37 2.32 0.00	51.85 2.20 0.00	56.00 2.73 -2.21	66.74 2.89 0.00	58.04 1.83 0.00	61.47 1.69 21.84	46.86 2.45 34.02	60.01 1.44 -1.40	48.78 2.60 31.39	68.15 2.78 1.36	76.52 4.36 -0.24	66.03 3.99 0.98	67.79 2.95 0.00	62.20 1.76 0.26	56.00 1.57 1.53	44.65 1.54 4.55	43.18 1.69 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.98 1.01 0.00	31.35 1.19 0.00	28.73 1.23 0.00	27.27 1.24 0.00	28.27 1.22 0.00	32.52 1.13 0.00	40.78 1.49 0.00	45.20 2.15 0.00	51.66 2.01 0.00	53.23 2.16 0.00	66.39 2.54 0.00	58.16 1.96 0.00	84.39 2.78 0.00	81.87 3.44 0.00	144.73 2.22 -85.34	86.68 3.53 -5.60	72.23 3.33 -2.17	76.54 4.40 -0.23	66.79 3.78 0.00	68.04 3.20 0.00	62.81 2.11 0.00	57.90 1.94 0.00	49.43 1.77 0.00	43.08 1.59 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.98 1.01 0.00	31.36 1.19 0.00	28.73 1.23 0.00	27.30 1.26 0.00	28.31 1.26 0.00	32.52 1.13 0.00	40.66 1.38 0.00	45.12 2.07 0.00	51.49 1.84 0.00	53.37 2.30 0.00	66.57 2.72 0.00	58.19 1.98 0.00	84.35 2.74 0.00	81.86 3.43 0.00	148.88 2.22 -89.49	86.99 3.56 -5.87	72.40 3.40 -2.27	76.64 4.48 -0.24	66.75 3.74 0.00	67.87 3.02 0.00	62.59 1.89 0.00	57.66 1.70 0.00	49.24 1.58 0.00	43.04 1.55 0.00
W50THST__13_KV_LOAD 356117	33.11 1.14 0.00	31.47 1.31 0.00	28.83 1.34 0.00	27.40 1.37 0.00	28.42 1.37 0.00	32.65 1.26 0.00	40.88 1.59 0.00	45.40 2.34 0.00	51.83 2.18 0.00	53.71 2.65 0.00	67.01 3.16 0.00	58.60 2.39 0.00	84.98 3.37 0.00	82.48 4.05 0.00	149.37 2.71 -89.49	87.65 4.22 -5.87	72.99 3.99 -2.27	77.25 5.09 -0.24	67.24 4.23 0.00	68.30 3.45 0.00	62.97 2.27 0.00	57.98 2.02 0.00	49.48 1.83 0.00	43.25 1.76 0.00
WADING RIVER_IC_1 23522	32.51 0.54 0.00	32.17 1.07 -0.93	28.73 1.23 0.00	27.49 1.46 0.00	28.57 1.52 -0.01	32.61 1.22 -0.01	39.88 0.59 0.00	44.23 1.18 0.00	50.41 0.76 0.00	54.39 1.32 -2.00	64.82 0.97 0.00	56.33 0.12 0.00	55.90 -0.75 24.96	39.70 0.35 39.08	39.29 -0.12 17.75	27.74 0.78 50.60	66.04 1.19 1.89	74.97 2.82 -0.24	64.73 2.81 1.09	66.53 1.68 0.00	61.05 0.57 0.22	54.50 0.38 1.84	42.93 0.51 5.23	42.23 0.74 0.00
WADING RIVER_IC_2 23547	32.51 0.54 0.00	32.17 1.07 -0.93	28.73 1.23 0.00	27.49 1.46 0.00	28.57 1.52 -0.01	32.61 1.22 -0.01	39.88 0.59 0.00	44.23 1.18 0.00	50.41 0.76 0.00	54.39 1.32 -2.00	64.82 0.97 0.00	56.33 0.12 0.00	55.90 -0.75 24.96	39.70 0.35 39.08	39.29 -0.12 17.75	27.74 0.78 50.60	66.04 1.19 1.89	74.97 2.82 -0.24	64.73 2.81 1.09	66.53 1.68 0.00	61.05 0.57 0.22	54.50 0.38 1.84	42.93 0.51 5.23	42.23 0.74 0.00
WADING RIVER_IC_3 23601	32.51 0.54 0.00	32.17 1.07 -0.93	28.73 1.23 0.00	27.49 1.46 0.00	28.57 1.52 -0.01	32.61 1.22 -0.01	39.88 0.59 0.00	44.23 1.18 0.00	50.41 0.76 0.00	54.39 1.32 -2.00	64.82 0.97 0.00	56.33 0.12 0.00	55.90 -0.75 24.96	39.70 0.35 39.08	39.29 -0.12 17.75	27.74 0.78 50.60	66.04 1.19 1.89	74.97 2.82 -0.24	64.73 2.81 1.09	66.53 1.68 0.00	61.05 0.57 0.22	54.50 0.38 1.84	42.93 0.51 5.23	42.23 0.74 0.00
WALDENNY_12_KV_BK2 80841	33.24 1.27 0.00	31.18 1.02 0.00	28.19 0.69 0.00	26.61 0.57 0.00	27.63 0.58 0.00	32.10 0.71 0.00	40.13 0.84 0.00	44.65 1.60 0.00	52.17 2.52 0.00	53.67 2.61 0.00	66.91 3.06 0.00	59.34 3.13 0.00	85.96 4.35 0.00	83.41 4.98 0.00	60.56 3.40 0.00	80.14 2.58 0.00	68.20 1.47 0.00	74.06 2.15 0.00	65.14 2.13 0.00	66.36 1.52 0.00	61.17 0.46 0.00	55.85 -0.11 0.00	47.02 -0.65 0.00	40.49 -1.00 0.00
WALDEN__HYDRO 24148	32.90 0.93 0.00	31.28 1.12 0.00	28.67 1.17 0.00	27.20 1.17 0.00	28.20 1.15 0.00	32.42 1.03 0.00	40.47 1.19 0.00	44.83 1.78 0.00	51.25 1.60 0.00	53.01 1.95 0.00	66.19 2.34 0.00	57.93 1.73 0.00	84.08 2.47 0.00	81.46 3.03 0.00	138.78 1.97 -79.64	85.98 3.20 -5.22	71.83 3.08 -2.02	76.24 4.11 -0.21	66.53 3.51 0.00	67.80 2.96 0.00	62.66 1.96 0.00	57.76 1.81 0.00	49.30 1.64 0.00	42.96 1.47 0.00
WARRENSBURG____ 23737	32.90 0.93 0.00	31.37 1.20 0.00	28.74 1.25 0.00	27.15 1.12 0.00	28.21 1.16 0.00	32.30 0.91 0.00	40.38 1.09 0.00	44.34 1.29 0.00	50.80 1.14 0.00	52.44 1.38 0.00	65.19 1.35 0.00	56.95 0.74 0.00	82.42 0.81 0.00	79.06 0.63 0.00	-6.66 0.31 64.13	73.82 0.48 4.21	65.82 0.72 1.63	73.35 1.61 0.17	64.74 1.73 0.00	66.84 2.00 0.00	62.21 1.51 0.00	57.35 1.40 0.00	48.95 1.29 0.00	42.94 1.45 0.00
WATERSIDE____6 8 9 23538	32.97 1.00 0.00	31.35 1.19 0.00	28.73 1.23 0.00	27.29 1.26 0.00	28.29 1.24 0.00	32.52 1.13 0.00	40.66 1.38 0.00	45.13 2.07 0.00	51.45 1.79 0.00	53.33 2.26 0.00	66.51 2.67 0.00	58.10 1.89 0.00	84.24 2.63 0.00	81.78 3.35 0.00	148.83 2.17 -89.50	87.03 3.60 -5.87	72.42 3.42 -2.27	76.63 4.48 -0.24	66.71 3.70 0.00	67.87 3.03 0.00	62.54 1.84 0.00	57.63 1.67 0.00	49.22 1.56 0.00	43.06 1.57 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.94 -0.03 0.00	30.36 0.20 0.00	27.78 0.28 0.00	26.30 0.27 0.00	27.32 0.27 0.00	31.51 0.12 0.00	39.29 0.01 0.00	43.19 0.14 0.00	49.62 -0.03 0.00	51.11 0.04 0.00	63.82 -0.03 0.00	55.90 -0.31 0.00	81.05 -0.57 0.00	77.76 -0.67 0.00	56.56 -0.60 0.00	76.89 -0.67 0.00	66.23 -0.50 0.00	72.05 0.14 0.00	63.51 0.50 0.00	65.45 0.61 0.00	60.94 0.24 0.00	56.13 0.18 0.00	47.85 0.19 0.00	41.64 0.15 0.00

WDELAWARE___HYD 323627	32.03 0.06 0.00	30.46 0.30 0.00	27.90 0.40 0.00	26.48 0.45 0.00	27.46 0.41 0.00	31.59 0.20 0.00	39.46 0.18 0.00	43.97 0.92 0.00	50.12 0.47 0.00	51.62 0.55 0.00	64.52 0.67 0.00	56.41 0.20 0.00	81.88 0.27 0.00	79.33 0.90 0.00	124.21 0.39 -66.66	83.53 1.60 -4.37	70.24 1.82 -1.69	75.36 3.26 -0.18	65.76 2.75 0.00	67.02 2.17 0.00	62.03 1.33 0.00	57.15 1.19 0.00	48.71 1.05 0.00	42.42 0.93 0.00
WEST BABYLON___IC 23714	33.35 1.39 0.00	32.83 1.64 -1.03	29.20 1.71 0.00	27.83 1.79 0.00	28.86 1.80 -0.01	33.07 1.67 -0.01	40.92 1.63 0.00	45.37 2.32 0.00	51.85 2.20 0.00	56.00 2.73 -2.21	66.74 2.89 0.00	58.04 1.83 0.00	61.47 1.69 21.84	46.86 2.45 34.02	60.01 1.44 -1.40	48.78 2.60 31.39	68.15 2.78 1.36	76.52 4.36 -0.24	66.03 3.99 0.98	67.79 2.95 0.00	62.20 1.76 0.26	56.00 1.57 1.53	44.65 1.54 4.55	43.18 1.69 0.00
WEST CANADA___HYD 24049	31.95 -0.02 0.00	30.25 0.08 0.00	27.61 0.11 0.00	26.14 0.10 0.00	27.17 0.11 0.00	31.43 0.04 0.00	39.26 -0.03 0.00	43.10 0.05 0.00	49.61 -0.04 0.00	51.09 0.02 0.00	63.83 -0.02 0.00	56.09 -0.12 0.00	81.44 -0.17 0.00	78.29 -0.14 0.00	57.03 -0.13 0.00	77.45 -0.11 0.00	66.67 -0.06 0.00	72.07 0.15 0.00	63.19 0.17 0.00	64.97 0.12 0.00	60.64 -0.06 0.00	55.91 -0.05 0.00	47.65 -0.01 0.00	41.47 -0.02 0.00
WESTERN_NY_WIND 24143	33.89 1.92 0.00	31.76 1.60 0.00	28.72 1.23 0.00	27.10 1.06 0.00	28.14 1.09 0.00	32.73 1.34 0.00	40.90 1.61 0.00	45.20 2.15 0.00	52.59 2.93 0.00	54.33 3.26 0.00	67.53 3.68 0.00	59.60 3.39 0.00	86.81 5.19 0.00	84.11 5.68 0.00	61.59 4.42 0.00	81.44 3.87 0.00	69.53 2.79 0.00	75.45 3.53 0.00	66.53 3.52 0.00	67.90 3.06 0.00	62.82 2.12 0.00	57.39 1.43 0.00	48.33 0.67 0.00	41.64 0.15 0.00
WESTOVER___LESR 323668	32.55 0.58 0.00	30.87 0.71 0.00	28.11 0.62 0.00	26.65 0.61 0.00	27.64 0.59 0.00	31.93 0.54 0.00	39.86 0.58 0.00	44.04 0.98 0.00	50.77 1.12 0.00	52.18 1.11 0.00	65.25 1.40 0.00	57.36 1.15 0.00	83.15 1.54 0.00	80.11 1.67 0.00	58.14 0.98 0.00	78.71 1.15 0.00	67.65 0.92 0.00	73.57 1.65 -0.01	64.83 1.81 0.00	66.33 1.47 -0.01	61.48 0.78 0.00	56.49 0.53 0.00	47.85 0.19 0.00	41.46 -0.03 0.00
WETHRSFD_WT_PWR 323626	32.60 0.63 0.00	30.68 0.52 0.00	27.88 0.38 0.00	26.39 0.36 0.00	27.36 0.31 0.00	31.75 0.36 0.00	39.64 0.36 0.00	43.86 0.81 0.00	50.90 1.24 0.00	52.23 1.17 0.00	65.20 1.35 0.00	57.77 1.56 0.00	84.34 2.73 0.00	81.69 3.26 0.00	59.04 1.87 0.00	78.31 0.75 0.00	66.93 0.20 0.00	72.95 1.04 0.00	64.68 1.66 0.00	66.06 1.22 0.00	60.92 0.22 0.00	55.66 -0.30 0.00	46.79 -0.87 0.00	40.27 -1.22 0.00
WHAVSTOR_138KV_BK127 55557	32.82 0.85 0.00	31.22 1.06 0.00	28.60 1.11 0.00	27.16 1.13 0.00	28.15 1.10 0.00	32.36 0.97 0.00	40.42 1.13 0.00	44.77 1.72 0.00	51.13 1.48 0.00	52.90 1.83 0.00	66.01 2.16 0.00	57.81 1.60 0.00	83.87 2.26 0.00	81.32 2.89 0.00	144.56 1.83 -85.57	86.14 2.97 -5.61	71.76 2.85 -2.17	76.01 3.87 -0.23	66.32 3.31 0.00	67.56 2.72 0.00	62.37 1.67 0.00	57.51 1.55 0.00	49.12 1.46 0.00	42.85 1.36 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.82 0.85 0.00	31.22 1.06 0.00	28.60 1.11 0.00	27.16 1.13 0.00	28.15 1.10 0.00	32.36 0.97 0.00	40.42 1.13 0.00	44.77 1.72 0.00	51.13 1.48 0.00	52.90 1.83 0.00	66.01 2.16 0.00	57.81 1.60 0.00	83.87 2.26 0.00	81.32 2.89 0.00	144.56 1.83 -85.57	86.14 2.97 -5.61	71.76 2.85 -2.17	76.01 3.87 -0.23	66.32 3.31 0.00	67.56 2.72 0.00	62.37 1.67 0.00	57.51 1.55 0.00	49.12 1.46 0.00	42.85 1.36 0.00
WHITEHAL_115KV_TB1 80871	34.82 2.85 0.00	33.17 3.01 0.00	30.56 3.06 0.00	28.67 2.64 0.00	29.75 2.70 0.00	34.31 2.92 0.00	43.10 3.81 0.00	47.16 4.11 0.00	53.91 4.25 0.00	55.51 4.45 0.00	68.69 4.84 0.00	58.91 2.70 0.00	84.41 2.80 0.00	80.57 2.13 0.00	-5.96 1.01 64.13	75.14 1.84 4.26	67.58 2.47 1.63	75.21 3.47 0.17	66.29 3.27 0.00	69.26 4.41 0.00	64.89 4.20 0.00	60.07 4.11 0.00	51.69 4.03 0.00	45.09 3.60 0.00
WHITEPLN_13_KV_LOAD 356215	33.19 1.23 0.00	31.56 1.40 0.00	28.92 1.42 0.00	27.46 1.43 0.00	28.48 1.43 0.00	32.73 1.34 0.00	40.90 1.62 0.00	45.38 2.33 0.00	51.88 2.22 0.00	53.73 2.67 0.00	67.08 3.23 0.00	58.70 2.50 0.00	85.12 3.51 0.00	82.51 4.08 0.00	149.22 2.71 -89.35	87.67 4.25 -5.86	73.03 4.03 -2.27	77.36 5.20 -0.24	67.46 4.44 0.00	68.62 3.78 0.00	63.31 2.61 0.00	58.31 2.36 0.00	49.75 2.09 0.00	43.38 1.89 0.00
WM_FLOYD_69_KV_BK2 356380	32.86 0.88 0.00	32.39 1.30 -0.94	28.93 1.44 0.00	27.67 1.63 0.00	28.72 1.66 -0.01	32.83 1.43 -0.01	40.29 1.01 0.00	44.69 1.64 0.00	50.98 1.32 0.00	54.95 1.88 -2.00	65.54 1.69 0.00	56.95 0.74 0.00	56.85 0.14 24.90	40.63 1.18 38.98	40.25 0.45 17.38	28.94 1.59 50.22	66.69 1.84 1.88	75.62 3.47 -0.24	65.40 3.48 1.09	67.16 2.32 0.00	61.61 1.13 0.22	55.09 0.97 1.83	43.47 1.03 5.22	42.61 1.12 0.00
WOODARD___115KV_TB2 355635	31.95 -0.02 0.00	30.18 0.02 0.00	27.58 0.08 0.00	26.19 0.16 0.00	27.11 0.06 0.00	31.32 -0.07 0.00	39.00 -0.28 0.00	42.91 -0.14 0.00	49.51 -0.14 0.00	50.98 -0.08 0.00	63.71 -0.14 0.00	56.06 -0.14 0.00	81.40 -0.21 0.00	78.41 -0.02 0.00	57.18 0.02 0.00	77.50 -0.06 0.00	66.75 0.02 0.00	72.24 0.31 -0.01	63.37 0.35 0.00	64.98 0.12 -0.02	60.47 -0.23 0.00	55.62 -0.34 0.00	47.22 -0.44 0.00	40.95 -0.54 0.00
WOODMERE_69_KV_BK1 55827	33.33 1.36 0.00	33.22 1.54 -1.51	29.10 1.60 0.00	27.71 1.67 0.00	28.74 1.68 -0.01	32.96 1.56 -0.01	40.90 1.61 0.00	45.42 2.36 0.00	51.91 2.25 0.00	57.07 2.77 -3.23	67.05 3.20 0.00	58.52 2.30 0.00	84.22 2.61 0.00	82.95 3.37 -1.16	189.12 2.20 -129.75	172.75 3.74 -91.45	72.59 3.59 -2.27	77.28 5.12 -0.24	68.76 4.32 -1.42	68.27 3.42 0.00	63.21 2.19 -0.31	59.93 1.91 -2.06	50.51 1.85 -1.00	43.34 1.85 0.00
YORK___WARBASSE 23770	33.10 1.13 0.00	31.47 1.31 0.00	28.83 1.33 0.00	27.38 1.35 0.00	28.39 1.34 0.00	32.64 1.25 0.00	40.83 1.55 0.00	45.30 2.25 0.00	51.61 1.96 0.00	53.48 2.42 0.00	66.59 2.75 0.00	58.11 1.91 0.00	84.24 2.63 0.00	81.97 3.54 0.00	148.98 2.31 -89.50	87.29 3.85 -5.87	72.66 3.66 -2.27	76.87 4.72 -0.24	66.96 3.94 0.00	68.08 3.24 0.00	62.71 2.01 0.00	57.80 1.85 0.00	49.47 1.81 0.00	43.33 1.83 0.00