

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/14/2023

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	30.71	24.69	21.69	21.68	24.60	24.39	26.73	26.86	32.75	31.50	31.61	31.66	31.63	33.90	43.33	56.32	63.15	37.18	35.12	43.11	59.37	52.75	40.38	32.26
24138	2.10	1.63	1.30	1.27	1.35	1.35	1.67	1.90	2.27	2.44	2.45	2.37	2.52	2.78	3.69	5.03	6.07	3.52	3.11	3.47	4.60	3.81	2.84	2.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-0.26	-1.48	-0.27	-0.30	-0.66	-0.78	-0.11	-2.12	-1.60	-0.79	0.00	0.00	0.00	0.00
74TH STREET_GT_1	30.80	24.77	21.77	21.75	24.69	24.45	26.77	26.90	32.78	31.51	31.63	31.69	31.66	33.94	43.37	56.37	63.26	37.23	35.18	43.22	59.54	52.91	40.51	32.35
24260	2.20	1.71	1.37	1.34	1.43	1.41	1.72	1.94	2.30	2.45	2.47	2.40	2.56	2.81	3.73	5.08	6.17	3.57	3.17	3.58	4.77	3.96	2.96	2.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-0.26	-1.48	-0.27	-0.30	-0.66	-0.78	-0.11	-2.12	-1.60	-0.79	0.00	0.00	0.00	0.00
74TH STREET_GT_2	30.80	24.77	21.77	21.75	24.69	24.45	26.77	26.90	32.78	31.51	31.63	31.69	31.66	33.94	43.37	56.37	63.26	37.23	35.18	43.22	59.54	52.91	40.51	32.35
24261	2.20	1.71	1.37	1.34	1.43	1.41	1.72	1.94	2.30	2.45	2.47	2.40	2.56	2.81	3.73	5.08	6.17	3.57	3.17	3.58	4.77	3.96	2.96	2.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-0.26	-1.48	-0.27	-0.30	-0.66	-0.78	-0.11	-2.12	-1.60	-0.79	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	30.04	24.15	21.29	21.38	24.39	24.07	26.10	26.11	31.85	30.20	30.21	28.64	30.12	32.01	40.43	52.48	60.76	36.60	37.79	44.63	59.09	52.53	40.06	31.76
24011	1.44	1.10	0.90	0.97	1.14	1.03	1.05	1.15	1.36	1.42	1.45	1.41	1.60	1.55	2.14	2.87	3.91	2.23	2.55	3.26	4.33	3.59	2.52	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.14	0.59	0.33	0.37	0.68	0.91	0.13	-2.83	-4.82	-2.53	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	30.24	24.29	21.39	21.50	24.52	24.19	26.22	26.26	32.02	30.40	30.45	28.87	30.40	32.25	40.74	53.04	61.44	36.94	38.19	45.13	59.73	53.11	40.47	32.03
23798	1.63	1.23	1.00	1.09	1.27	1.15	1.16	1.30	1.54	1.62	1.69	1.64	1.88	1.80	2.44	3.42	4.58	2.57	2.93	3.75	4.96	4.17	2.92	2.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.14	0.58	0.32	0.37	0.68	0.90	0.13	-2.83	-4.84	-2.53	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	30.04	24.15	21.29	21.38	24.39	24.07	26.10	26.11	31.85	30.20	30.21	28.64	30.12	32.01	40.43	52.48	60.76	36.60	37.79	44.63	59.09	52.53	40.06	31.76
24028	1.44	1.10	0.90	0.97	1.14	1.03	1.05	1.15	1.36	1.42	1.45	1.41	1.60	1.55	2.14	2.87	3.91	2.23	2.55	3.26	4.33	3.59	2.52	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.14	0.59	0.33	0.37	0.68	0.91	0.13	-2.83	-4.82	-2.53	0.00	0.00	0.00	0.00
ADK_NYS___DAM	29.85	24.18	21.38	21.52	24.47	24.14	26.23	26.02	31.72	29.70	29.57	27.31	29.28	31.17	39.03	50.18	59.14	35.79	35.94	43.15	57.92	51.62	39.54	31.50
23527	1.24	1.13	0.99	1.12	1.22	1.09	1.18	1.06	1.23	1.08	1.03	0.90	1.10	1.09	1.46	1.53	2.42	1.54	1.61	2.27	3.16	2.67	1.99	1.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.36	1.40	0.66	0.75	1.40	1.86	0.26	-2.71	-3.91	-2.03	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	29.02	23.44	20.67	20.75	23.57	23.30	25.35	25.31	30.90	29.22	29.21	27.75	29.12	31.09	39.23	50.73	58.43	35.29	34.72	41.72	56.22	50.05	38.34	30.56
24190	0.41	0.39	0.27	0.34	0.32	0.26	0.30	0.35	0.41	0.42	0.42	0.40	0.56	0.58	0.83	1.00	1.57	1.02	0.99	1.17	1.45	1.10	0.79	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.11	0.46	0.28	0.32	0.58	0.78	0.11	-2.73	-3.31	-1.71	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	28.26	22.81	20.23	20.27	23.16	22.90	24.82	24.72	30.15	28.39	28.50	27.52	28.49	30.40	38.44	49.78	55.99	30.83	29.86	38.30	54.21	48.69	37.42	29.81
355683	-0.35	-0.24	-0.16	-0.13	-0.09	-0.14	-0.24	-0.24	-0.34	-0.55	-0.40	-0.30	-0.34	-0.42	-0.53	-0.74	-0.99	-0.71	-0.56	-0.54	-0.56	-0.25	-0.13	-0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.02	23.44	20.67	20.75	23.57	23.30	25.35	25.31	30.90	29.22	29.21	27.75	29.12	31.09	39.23	50.73	58.43	35.29	34.72	41.72	56.22	50.05	38.34	30.56
23571	0.41	0.39	0.27	0.34	0.32	0.26	0.30	0.35	0.41	0.42	0.42	0.40	0.56	0.58	0.83	1.00	1.57	1.02	0.99	1.17	1.45	1.10	0.79	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.11	0.46	0.28	0.32	0.58	0.78	0.11	-2.73	-3.31	-1.71	0.00	0.00	0.00	0.00
ALBANY___2	29.02	23.44	20.67	20.75	23.57	23.30	25.35	25.31	30.90	29.22	29.21	27.75	29.12	31.09	39.23	50.73	58.43	35.29	34.72	41.72	56.22	50.05	38.34	30.56
23572	0.41	0.39	0.27	0.34	0.32	0.26	0.30	0.35	0.41	0.42	0.42	0.40	0.56	0.58	0.83	1.00	1.57	1.02	0.99	1.17	1.45	1.10	0.79	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.11	0.46	0.28	0.32	0.58	0.78	0.11	-2.73	-3.31	-1.71	0.00	0.00	0.00	0.00
ALBANY___3	29.02	23.44	20.67	20.75	23.57	23.30	25.35	25.31	30.90	29.22	29.21	27.75	29.12	31.09	39.23	50.73	58.43	35.29	34.72	41.72	56.22	50.05	38.34	30.56
23573	0.41	0.39	0.27	0.34	0.32	0.26	0.30	0.35	0.41	0.42	0.42	0.40	0.56	0.58	0.83	1.00	1.57	1.02	0.99	1.17	1.45	1.10	0.79	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.11	0.46	0.28	0.32	0.58	0.78	0.11	-2.73	-3.31	-1.71	0.00	0.00	0.00	0.00

ALBANY___4 23574	29.02 0.41 0.00	23.44 0.39 0.00	20.67 0.27 0.00	20.75 0.34 0.00	23.57 0.32 0.00	23.30 0.26 0.00	25.35 0.30 0.00	25.31 0.35 0.00	30.90 0.41 0.00	29.22 0.42 0.13	29.21 0.42 0.11	27.75 0.40 0.46	29.12 0.56 0.28	31.09 0.58 0.32	39.23 0.83 0.58	50.73 1.00 0.78	58.43 1.57 0.11	35.29 1.02 -2.73	34.72 0.99 -3.31	41.72 1.17 -1.71	56.22 1.45 0.00	50.05 1.10 0.00	38.34 0.79 0.00	30.56 0.57 0.00
ALBANY___LFGE 323615	29.32 0.71 0.00	23.68 0.63 0.00	20.87 0.48 0.00	20.96 0.55 0.00	23.81 0.56 0.00	23.55 0.50 0.00	25.63 0.58 0.00	25.59 0.63 0.00	31.26 0.78 0.00	29.55 0.76 0.14	29.55 0.78 0.13	28.05 0.75 0.52	29.46 0.92 0.30	31.47 0.98 0.34	39.69 1.34 0.63	51.34 1.66 0.84	59.19 2.33 0.12	35.74 1.45 -2.75	35.56 1.39 -3.75	42.46 1.67 -1.94	56.91 2.15 0.00	50.65 1.70 0.00	38.77 1.22 0.00	30.90 0.92 0.00
ALCOA_PA_115KV_PL-6C 55860	28.29 -0.32 0.00	22.84 -0.21 0.00	20.26 -0.13 0.00	20.37 -0.04 0.00	23.28 0.03 0.00	22.94 -0.10 0.00	24.89 -0.17 0.00	24.78 -0.17 0.00	30.21 -0.27 0.00	28.44 -0.49 0.00	28.54 -0.36 0.00	27.57 -0.25 0.00	28.54 -0.30 0.00	30.43 -0.39 0.00	38.53 -0.45 0.00	49.89 -0.63 0.00	56.12 -0.86 0.00	30.90 -0.63 0.00	29.94 -0.48 0.00	38.42 -0.43 0.00	54.39 -0.38 0.00	48.86 -0.09 0.00	37.54 -0.01 0.00	29.90 -0.08 0.00
ALCOA_RYNLDS___DRP 24188	28.29 -0.32 0.00	22.84 -0.21 0.00	20.26 -0.13 0.00	20.37 -0.04 0.00	23.28 0.03 0.00	22.94 -0.10 0.00	24.89 -0.17 0.00	24.78 -0.17 0.00	30.21 -0.27 0.00	28.44 -0.49 0.00	28.54 -0.36 0.00	27.57 -0.25 0.00	28.54 -0.30 0.00	30.43 -0.39 0.00	38.53 -0.45 0.00	49.89 -0.63 0.00	56.12 -0.86 0.00	30.90 -0.63 0.00	29.94 -0.48 0.00	38.42 -0.43 0.00	54.39 -0.38 0.00	48.86 -0.09 0.00	37.54 -0.01 0.00	29.90 -0.08 0.00
ALCOA___DSASP 323711	28.29 -0.32 0.00	22.84 -0.21 0.00	20.26 -0.13 0.00	20.37 -0.04 0.00	23.28 0.03 0.00	22.94 -0.10 0.00	24.89 -0.17 0.00	24.79 -0.17 0.00	30.21 -0.28 0.00	28.44 -0.49 0.00	28.54 -0.36 0.00	27.57 -0.25 0.00	28.54 -0.29 0.00	30.44 -0.39 0.00	38.53 -0.45 0.00	49.89 -0.63 0.00	56.12 -0.86 0.00	30.90 -0.63 0.00	29.93 -0.49 0.00	38.42 -0.43 0.00	54.39 -0.37 0.00	48.86 -0.09 0.00	37.54 -0.01 0.00	29.90 -0.08 0.00
ALLEGHENY___COGEN 23514	29.72 1.12 0.00	23.72 0.67 0.00	20.96 0.56 0.00	20.87 0.47 0.00	23.89 0.64 0.00	23.87 0.83 0.00	26.12 1.07 0.00	25.73 0.76 0.00	31.22 0.74 0.00	29.64 0.69 -0.03	29.94 0.39 -0.65	28.49 0.11 -0.56	28.86 0.02 0.00	30.55 -0.28 0.00	37.85 -1.13 0.00	49.29 -1.34 -0.11	55.64 -1.34 0.00	31.18 -0.71 -0.34	30.13 -0.55 -0.26	38.51 -0.46 -0.13	54.66 -0.11 0.00	48.38 -0.57 0.00	37.98 0.44 0.00	30.96 0.98 0.00
ALTAMONT_115KV_TB 2 55880	29.44 0.84 0.00	23.75 0.70 0.00	20.94 0.55 0.00	21.01 0.60 0.00	23.87 0.62 0.00	23.61 0.57 0.00	25.72 0.67 0.00	25.68 0.72 0.00	31.35 0.87 0.00	29.71 0.87 0.09	29.68 0.84 0.06	28.34 0.79 0.27	29.56 0.92 0.20	31.60 1.00 0.22	39.91 1.34 0.41	51.65 1.68 0.55	59.15 2.25 0.08	35.66 1.40 -2.73	34.76 1.35 -2.99	42.00 1.62 -1.53	56.88 2.11 0.00	50.68 1.73 0.00	38.82 1.28 0.00	30.96 0.98 0.00
ALTONA_WT_PWR 323606	28.26 -0.35 0.00	22.78 -0.27 0.00	20.23 -0.16 0.00	20.33 -0.08 0.00	23.33 0.08 0.00	23.25 0.21 0.00	25.17 0.12 0.00	25.12 0.16 0.00	30.48 0.00 0.00	28.46 -0.47 0.00	28.32 -0.58 0.00	27.80 -0.01 0.00	29.06 0.22 0.00	31.09 0.27 0.00	39.53 0.55 0.00	51.26 0.74 0.00	57.72 0.74 0.00	31.65 0.11 0.00	30.69 0.27 0.00	39.47 0.63 0.00	56.25 1.48 0.00	50.40 1.45 0.00	38.68 1.13 0.00	30.81 0.83 0.00
AMERICAN_REF_FUEL 24010	27.89 -0.72 0.00	22.30 -0.75 0.00	19.70 -0.69 0.00	19.54 -0.87 0.00	22.37 -0.89 0.00	22.35 -0.69 0.00	24.52 -0.54 0.00	23.89 -1.06 0.00	29.70 -0.78 0.00	28.56 -0.40 -0.03	28.83 -0.75 -0.68	27.56 -0.84 -0.59	27.75 -1.09 0.00	29.58 -1.25 0.00	36.64 -2.34 0.00	47.55 -3.09 -0.11	52.51 -4.48 0.00	29.25 -2.60 -0.31	27.99 -2.66 -0.23	35.77 -3.19 -0.11	50.84 -3.93 0.00	44.94 -4.01 0.00	34.89 -2.66 0.00	28.65 -1.33 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.36 0.75 0.00	23.30 0.25 0.00	20.62 0.22 0.00	20.45 0.04 0.00	23.43 0.18 0.00	23.43 0.39 0.00	25.79 0.73 0.00	25.46 0.51 0.00	31.68 1.20 0.00	30.45 1.50 -0.03	30.74 1.19 -0.65	29.28 0.90 -0.56	29.49 0.66 0.00	31.66 0.84 0.00	39.44 0.47 0.00	51.33 0.70 -0.11	56.68 -0.31 0.00	31.48 -0.41 -0.35	29.92 -0.76 -0.26	38.18 -0.79 -0.13	54.28 -0.49 0.00	48.09 -0.86 0.00	36.90 -0.65 0.00	29.79 -0.19 0.00
ARTHUR_KILL_GT_1 23520	30.52 1.91 0.00	24.57 1.52 0.00	21.58 1.19 0.00	21.56 1.16 0.00	24.48 1.23 0.00	24.24 1.20 0.00	26.52 1.47 0.00	26.60 1.64 0.00	32.12 1.87 0.23	30.89 2.06 0.09	31.25 2.10 -0.25	31.34 2.05 -1.47	30.73 2.19 0.30	32.64 2.37 0.56	38.21 3.19 3.95	55.78 4.50 -0.77	62.59 5.50 -0.11	36.88 3.22 -2.12	34.86 2.85 -1.60	42.81 3.17 -0.79	59.02 4.25 0.00	52.48 3.53 0.00	40.15 2.60 0.01	32.02 2.09 0.05
ARTHUR_KILL_2 23512	30.42 1.81 0.00	24.50 1.44 0.00	21.52 1.13 0.00	21.50 1.10 0.00	24.41 1.16 0.00	24.17 1.13 0.00	26.44 1.39 0.00	26.53 1.57 0.00	32.02 1.77 0.23	30.79 1.96 0.09	31.16 2.00 -0.25	31.24 1.95 -1.47	30.62 2.08 0.30	32.52 2.26 0.56	38.07 3.04 3.95	55.57 4.29 -0.77	62.35 5.26 -0.11	36.75 3.08 -2.12	34.73 2.71 -1.60	42.65 3.00 -0.79	58.80 4.03 0.00	52.28 3.34 0.00	40.00 2.46 0.01	31.92 1.98 0.05
ARTHUR_KILL_3 23513	30.45 1.84 0.00	24.48 1.43 0.00	21.50 1.11 0.00	21.48 1.07 0.00	24.38 1.13 0.00	24.14 1.10 0.00	26.43 1.37 0.00	26.53 1.57 0.00	32.28 1.80 0.00	31.05 1.98 -0.13	31.17 2.01 -0.26	31.25 1.95 -1.48	31.20 2.09 -0.27	33.43 2.31 -0.30	38.10 3.07 3.95	55.54 4.25 -0.78	62.36 5.27 -0.11	36.75 3.09 -2.12	34.72 2.71 -1.60	42.63 2.99 -0.79	58.72 3.95 0.00	52.19 3.24 0.00	39.98 2.44 0.00	31.93 1.95 0.00
ARTHUR_KILL_COGEN 323718	30.52 1.91 0.00	24.57 1.52 0.00	21.58 1.19 0.00	21.56 1.16 0.00	24.48 1.23 0.00	24.24 1.20 0.00	26.52 1.47 0.00	26.60 1.64 0.00	32.12 1.87 0.23	30.89 2.06 0.09	31.25 2.10 -0.25	31.34 2.05 -1.47	30.73 2.19 0.30	32.64 2.37 0.56	38.21 3.19 3.95	55.78 4.50 -0.77	62.59 5.50 -0.11	36.88 3.22 -2.12	34.86 2.85 -1.60	42.81 3.17 -0.79	59.02 4.25 0.00	52.48 3.53 0.00	40.15 2.60 0.01	32.02 2.09 0.05
ASHOKAN____ 23654	29.76 1.15 0.00	23.91 0.86 0.00	21.03 0.64 0.00	21.08 0.67 0.00	23.95 0.70 0.00	23.70 0.67 0.00	26.01 0.95 0.00	26.29 1.33 0.00	32.07 1.59 0.00	30.56 1.63 0.00	30.45 1.47 -0.08	29.57 1.59 -0.16	30.53 1.69 0.00	32.77 1.95 0.00	41.76 2.78 0.00	54.03 3.51 -0.01	61.27 4.29 0.00	36.52 2.58 -2.41	35.35 2.59 -2.35	43.34 3.30 -1.19	59.29 4.53 0.00	52.62 3.67 0.00	40.13 2.59 0.00	31.91 1.93 0.00

ASTORIA_EAST_ENERGY_CC1 323581	30.56 1.95 0.00	24.62 1.57 0.00	21.64 1.24 0.00	21.61 1.20 0.00	24.53 1.28 0.00	24.28 1.23 0.00	26.59 1.53 0.00	26.68 1.72 0.00	32.51 2.03 0.00	31.24 2.17 -0.13	31.27 2.11 -0.26	31.36 2.07 -1.48	31.37 2.26 -0.27	33.60 2.48 -0.30	42.96 3.32 -0.66	55.84 4.55 -0.78	62.70 5.61 -0.11	36.90 3.24 -2.12	34.85 2.83 -1.60	42.85 3.21 -0.79	59.04 4.27 0.00	52.45 3.51 0.00	40.21 2.66 0.00	32.15 2.17 0.00
ASTORIA_EAST_ENERGY_CC2 323582	30.56 1.95 0.00	24.62 1.57 0.00	21.64 1.24 0.00	21.61 1.20 0.00	24.53 1.28 0.00	24.28 1.23 0.00	26.59 1.53 0.00	26.68 1.72 0.00	32.51 2.03 0.00	31.24 2.17 -0.13	31.27 2.11 -0.26	31.36 2.07 -1.48	31.37 2.26 -0.27	33.60 2.48 -0.30	42.96 3.32 -0.66	55.84 4.55 -0.78	62.70 5.61 -0.11	36.90 3.24 -2.12	34.85 2.83 -1.60	42.85 3.21 -0.79	59.04 4.27 0.00	52.45 3.51 0.00	40.21 2.66 0.00	32.15 2.17 0.00
ASTORIA_GT2_1 24094	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.26 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.29 1.25 0.00	26.61 1.55 0.00	26.69 1.73 0.00	32.54 2.06 0.00	31.25 2.19 -0.13	31.28 2.12 -0.26	31.38 2.09 -1.48	31.39 2.28 -0.27	33.62 2.49 -0.30	42.99 3.35 -0.66	55.87 4.58 -0.78	62.72 5.63 -0.11	36.91 3.26 -2.12	34.86 2.85 -1.60	42.87 3.23 -0.79	59.07 4.30 0.00	52.49 3.54 0.00	40.23 2.68 0.00	32.17 2.19 0.00
ASTORIA_GT2_2 24095	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.26 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.29 1.25 0.00	26.61 1.55 0.00	26.69 1.73 0.00	32.54 2.06 0.00	31.25 2.19 -0.13	31.28 2.12 -0.26	31.38 2.09 -1.48	31.39 2.28 -0.27	33.62 2.49 -0.30	42.99 3.35 -0.66	55.87 4.58 -0.78	62.72 5.63 -0.11	36.91 3.26 -2.12	34.86 2.85 -1.60	42.87 3.23 -0.79	59.07 4.30 0.00	52.49 3.54 0.00	40.23 2.68 0.00	32.17 2.19 0.00
ASTORIA_GT2_3 24096	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.26 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.29 1.25 0.00	26.61 1.55 0.00	26.69 1.73 0.00	32.54 2.06 0.00	31.25 2.19 -0.13	31.28 2.12 -0.26	31.38 2.09 -1.48	31.39 2.28 -0.27	33.62 2.49 -0.30	42.99 3.35 -0.66	55.87 4.58 -0.78	62.72 5.63 -0.11	36.91 3.26 -2.12	34.86 2.85 -1.60	42.87 3.23 -0.79	59.07 4.30 0.00	52.49 3.54 0.00	40.23 2.68 0.00	32.17 2.19 0.00
ASTORIA_GT2_4 24097	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.26 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.29 1.25 0.00	26.61 1.55 0.00	26.69 1.73 0.00	32.54 2.06 0.00	31.25 2.19 -0.13	31.28 2.12 -0.26	31.38 2.09 -1.48	31.39 2.28 -0.27	33.62 2.49 -0.30	42.99 3.35 -0.66	55.87 4.58 -0.78	62.72 5.63 -0.11	36.91 3.26 -2.12	34.86 2.85 -1.60	42.87 3.23 -0.79	59.07 4.30 0.00	52.49 3.54 0.00	40.23 2.68 0.00	32.17 2.19 0.00
ASTORIA_GT3_1 24098	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.26 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.29 1.25 0.00	26.61 1.55 0.00	26.69 1.73 0.00	32.54 2.06 0.00	31.25 2.19 -0.13	31.28 2.12 -0.26	31.38 2.09 -1.48	31.39 2.28 -0.27	33.62 2.49 -0.30	42.99 3.35 -0.66	55.87 4.58 -0.78	62.72 5.63 -0.11	36.91 3.26 -2.12	34.86 2.85 -1.60	42.87 3.23 -0.79	59.07 4.30 0.00	52.49 3.54 0.00	40.23 2.68 0.00	32.17 2.19 0.00
ASTORIA_GT3_2 24099	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.26 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.29 1.25 0.00	26.61 1.55 0.00	26.69 1.73 0.00	32.54 2.06 0.00	31.25 2.19 -0.13	31.28 2.12 -0.26	31.38 2.09 -1.48	31.39 2.28 -0.27	33.62 2.49 -0.30	42.99 3.35 -0.66	55.87 4.58 -0.78	62.72 5.63 -0.11	36.91 3.26 -2.12	34.86 2.85 -1.60	42.87 3.23 -0.79	59.07 4.30 0.00	52.49 3.54 0.00	40.23 2.68 0.00	32.17 2.19 0.00
ASTORIA_GT3_3 24100	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.26 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.29 1.25 0.00	26.61 1.55 0.00	26.69 1.73 0.00	32.54 2.06 0.00	31.25 2.19 -0.13	31.28 2.12 -0.26	31.38 2.09 -1.48	31.39 2.28 -0.27	33.62 2.49 -0.30	42.99 3.35 -0.66	55.87 4.58 -0.78	62.72 5.63 -0.11	36.91 3.26 -2.12	34.86 2.85 -1.60	42.87 3.23 -0.79	59.07 4.30 0.00	52.49 3.54 0.00	40.23 2.68 0.00	32.17 2.19 0.00
ASTORIA_GT3_4 24101	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.26 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.29 1.25 0.00	26.61 1.55 0.00	26.69 1.73 0.00	32.54 2.06 0.00	31.25 2.19 -0.13	31.28 2.12 -0.26	31.38 2.09 -1.48	31.39 2.28 -0.27	33.62 2.49 -0.30	42.99 3.35 -0.66	55.87 4.58 -0.78	62.72 5.63 -0.11	36.91 3.26 -2.12	34.86 2.85 -1.60	42.87 3.23 -0.79	59.07 4.30 0.00	52.49 3.54 0.00	40.23 2.68 0.00	32.17 2.19 0.00
ASTORIA_GT4_1 24102	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.26 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.29 1.25 0.00	26.61 1.55 0.00	26.69 1.73 0.00	32.54 2.06 0.00	31.25 2.19 -0.13	31.28 2.12 -0.26	31.38 2.09 -1.48	31.39 2.28 -0.27	33.62 2.49 -0.30	42.99 3.35 -0.66	55.87 4.58 -0.78	62.72 5.63 -0.11	36.91 3.26 -2.12	34.86 2.85 -1.60	42.87 3.23 -0.79	59.07 4.30 0.00	52.49 3.54 0.00	40.23 2.68 0.00	32.17 2.19 0.00
ASTORIA_GT4_2 24103	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.26 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.29 1.25 0.00	26.61 1.55 0.00	26.69 1.73 0.00	32.54 2.06 0.00	31.25 2.19 -0.13	31.28 2.12 -0.26	31.38 2.09 -1.48	31.39 2.28 -0.27	33.62 2.49 -0.30	42.99 3.35 -0.66	55.87 4.58 -0.78	62.72 5.63 -0.11	36.91 3.26 -2.12	34.86 2.85 -1.60	42.87 3.23 -0.79	59.07 4.30 0.00	52.49 3.54 0.00	40.23 2.68 0.00	32.17 2.19 0.00
ASTORIA_GT4_3 24104	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.26 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.29 1.25 0.00	26.61 1.55 0.00	26.69 1.73 0.00	32.54 2.06 0.00	31.25 2.19 -0.13	31.28 2.12 -0.26	31.38 2.09 -1.48	31.39 2.28 -0.27	33.62 2.49 -0.30	42.99 3.35 -0.66	55.87 4.58 -0.78	62.72 5.63 -0.11	36.91 3.26 -2.12	34.86 2.85 -1.60	42.87 3.23 -0.79	59.07 4.30 0.00	52.49 3.54 0.00	40.23 2.68 0.00	32.17 2.19 0.00
ASTORIA_GT4_4 24105	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.26 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.29 1.25 0.00	26.61 1.55 0.00	26.69 1.73 0.00	32.54 2.06 0.00	31.25 2.19 -0.13	31.28 2.12 -0.26	31.38 2.09 -1.48	31.39 2.28 -0.27	33.62 2.49 -0.30	42.99 3.35 -0.66	55.87 4.58 -0.78	62.72 5.63 -0.11	36.91 3.26 -2.12	34.86 2.85 -1.60	42.87 3.23 -0.79	59.07 4.30 0.00	52.49 3.54 0.00	40.23 2.68 0.00	32.17 2.19 0.00
ASTORIA_GT_1 23523	30.65 2.04 0.00	24.69 1.64 0.00	21.70 1.30 0.00	21.67 1.26 0.00	24.59 1.34 0.00	24.35 1.30 0.00	26.67 1.61 0.00	26.75 1.79 0.00	32.60 2.12 0.00	31.33 2.27 -0.13	31.36 2.20 -0.26	31.45 2.16 -1.48	31.46 2.35 -0.27	33.71 2.58 -0.30	43.09 3.45 -0.66	56.01 4.71 -0.78	62.88 5.80 -0.11	37.00 3.34 -2.12	34.95 2.93 -1.60	42.96 3.32 -0.79	59.20 4.43 0.00	52.60 3.65 0.00	40.32 2.77 0.00	32.24 2.26 0.00

ASTORIA_GT_10 24110	30.57 1.96 0.00	24.60 1.54 0.00	21.62 1.22 0.00	21.60 1.19 0.00	24.51 1.26 0.00	24.28 1.24 0.00	26.59 1.54 0.00	26.70 1.74 0.00	32.53 2.05 0.00	31.26 2.19 -0.13	31.33 2.17 -0.26	31.40 2.11 -1.48	31.39 2.28 -0.27	33.61 2.48 -0.30	42.94 3.30 -0.66	55.81 4.52 -0.78	62.65 5.56 -0.11	36.90 3.23 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.98 4.21 0.00	52.43 3.49 0.00	40.17 2.62 0.00	32.13 2.15 0.00
ASTORIA_GT_11 24225	30.57 1.96 0.00	24.60 1.54 0.00	21.62 1.22 0.00	21.60 1.19 0.00	24.51 1.26 0.00	24.28 1.24 0.00	26.59 1.54 0.00	26.70 1.74 0.00	32.53 2.05 0.00	31.26 2.19 -0.13	31.33 2.17 -0.26	31.40 2.11 -1.48	31.39 2.28 -0.27	33.61 2.48 -0.30	42.94 3.30 -0.66	55.81 4.52 -0.78	62.65 5.56 -0.11	36.90 3.23 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.98 4.21 0.00	52.43 3.49 0.00	40.17 2.62 0.00	32.13 2.15 0.00
ASTORIA_GT_12 24226	30.57 1.96 0.00	24.60 1.54 0.00	21.62 1.22 0.00	21.60 1.19 0.00	24.51 1.26 0.00	24.28 1.24 0.00	26.59 1.54 0.00	26.70 1.74 0.00	32.53 2.05 0.00	31.26 2.19 -0.13	31.33 2.17 -0.26	31.40 2.11 -1.48	31.39 2.28 -0.27	33.61 2.48 -0.30	42.94 3.30 -0.66	55.81 4.52 -0.78	62.65 5.56 -0.11	36.90 3.23 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.98 4.21 0.00	52.43 3.49 0.00	40.17 2.62 0.00	32.13 2.15 0.00
ASTORIA_GT_13 24227	30.57 1.96 0.00	24.60 1.54 0.00	21.62 1.22 0.00	21.60 1.19 0.00	24.51 1.26 0.00	24.28 1.24 0.00	26.59 1.54 0.00	26.70 1.74 0.00	32.53 2.05 0.00	31.26 2.19 -0.13	31.33 2.17 -0.26	31.40 2.11 -1.48	31.39 2.28 -0.27	33.61 2.48 -0.30	42.94 3.30 -0.66	55.81 4.52 -0.78	62.65 5.56 -0.11	36.90 3.23 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.98 4.21 0.00	52.43 3.49 0.00	40.17 2.62 0.00	32.13 2.15 0.00
ASTORIA_GT_5 24106	30.65 2.04 0.00	24.69 1.64 0.00	21.70 1.30 0.00	21.67 1.26 0.00	24.59 1.34 0.00	24.35 1.30 0.00	26.67 1.61 0.00	26.75 1.79 0.00	32.60 2.12 0.00	31.33 2.27 -0.13	31.36 2.20 -0.26	31.45 2.16 -1.48	31.46 2.35 -0.27	33.71 2.58 -0.30	43.09 3.45 -0.66	56.01 4.71 -0.78	62.88 5.80 -0.11	37.00 3.34 -2.12	34.95 2.93 -1.60	42.96 3.32 -0.79	59.20 4.43 0.00	52.60 3.65 0.00	40.32 2.77 0.00	32.24 2.26 0.00
ASTORIA_GT_7 24107	30.65 2.04 0.00	24.69 1.64 0.00	21.70 1.30 0.00	21.67 1.26 0.00	24.59 1.34 0.00	24.35 1.30 0.00	26.67 1.61 0.00	26.75 1.79 0.00	32.60 2.12 0.00	31.33 2.27 -0.13	31.36 2.20 -0.26	31.45 2.16 -1.48	31.46 2.35 -0.27	33.71 2.58 -0.30	43.09 3.45 -0.66	56.01 4.71 -0.78	62.88 5.80 -0.11	37.00 3.34 -2.12	34.95 2.93 -1.60	42.96 3.32 -0.79	59.20 4.43 0.00	52.60 3.65 0.00	40.32 2.77 0.00	32.24 2.26 0.00
ASTORIA_GT_8 24108	30.65 2.04 0.00	24.69 1.63 0.00	21.70 1.30 0.00	21.67 1.26 0.00	24.59 1.34 0.00	24.35 1.30 0.00	26.67 1.61 0.00	26.75 1.79 0.00	32.61 2.13 0.00	31.33 2.27 -0.13	31.36 2.20 -0.26	31.45 2.16 -1.48	31.46 2.35 -0.27	33.71 2.58 -0.30	43.09 3.45 -0.66	56.01 4.71 -0.78	62.88 5.80 -0.11	37.00 3.34 -2.12	34.95 2.93 -1.60	42.97 3.32 -0.79	59.20 4.43 0.00	52.60 3.65 0.00	40.32 2.77 0.00	32.24 2.26 0.00
ASTORIA___2 24149	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.26 0.00	21.62 1.21 0.00	24.54 1.28 0.00	24.29 1.24 0.00	26.61 1.55 0.00	26.69 1.73 0.00	32.53 2.05 0.00	31.25 2.19 -0.13	31.29 2.13 -0.26	31.38 2.08 -1.48	31.39 2.28 -0.27	33.62 2.49 -0.30	42.99 3.35 -0.66	55.87 4.58 -0.78	62.72 5.64 -0.11	36.91 3.26 -2.12	34.86 2.85 -1.60	42.87 3.23 -0.79	59.06 4.29 0.00	52.49 3.54 0.00	40.23 2.68 0.00	32.17 2.19 0.00
ASTORIA___3 23516	30.57 1.96 0.00	24.60 1.54 0.00	21.62 1.22 0.00	21.59 1.19 0.00	24.51 1.26 0.00	24.28 1.24 0.00	26.59 1.54 0.00	26.70 1.74 0.00	32.52 2.04 0.00	31.26 2.20 -0.13	31.34 2.18 -0.26	31.40 2.11 -1.48	31.39 2.28 -0.27	33.61 2.48 -0.30	42.94 3.31 -0.66	55.81 4.52 -0.78	62.65 5.56 -0.11	36.89 3.23 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.97 4.21 0.00	52.43 3.48 0.00	40.17 2.62 0.00	32.13 2.15 0.00
ASTORIA___4 23517	30.57 1.96 0.00	24.60 1.54 0.00	21.62 1.22 0.00	21.60 1.19 0.00	24.51 1.26 0.00	24.28 1.24 0.00	26.59 1.54 0.00	26.70 1.74 0.00	32.53 2.05 0.00	31.26 2.19 -0.13	31.33 2.17 -0.26	31.40 2.11 -1.48	31.39 2.28 -0.27	33.61 2.48 -0.30	42.94 3.30 -0.66	55.81 4.52 -0.78	62.65 5.56 -0.11	36.90 3.23 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.97 4.21 0.00	52.43 3.49 0.00	40.17 2.62 0.00	32.13 2.15 0.00
ASTORIA___5 23518	30.57 1.96 0.00	24.60 1.54 0.00	21.62 1.22 0.00	21.59 1.19 0.00	24.51 1.26 0.00	24.28 1.24 0.00	26.59 1.54 0.00	26.70 1.74 0.00	32.52 2.04 0.00	31.26 2.20 -0.13	31.34 2.18 -0.26	31.40 2.11 -1.48	31.39 2.28 -0.27	33.61 2.48 -0.30	42.94 3.31 -0.66	55.81 4.52 -0.78	62.65 5.56 -0.11	36.89 3.23 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.98 4.21 0.00	52.43 3.48 0.00	40.17 2.62 0.00	32.13 2.15 0.00
AST_ENERGY_2_CC3 323677	30.50 1.89 0.00	24.54 1.49 0.00	21.57 1.18 0.00	21.55 1.14 0.00	24.45 1.20 0.00	24.22 1.18 0.00	26.50 1.45 0.00	26.61 1.65 0.00	32.41 1.93 0.00	31.17 2.11 -0.13	31.29 2.13 -0.26	31.36 2.06 -1.48	31.32 2.21 -0.27	33.56 2.43 -0.30	42.89 3.25 -0.66	55.74 4.45 -0.78	62.54 5.45 -0.11	36.84 3.18 -2.12	34.82 2.80 -1.60	42.76 3.12 -0.79	58.91 4.14 0.00	52.35 3.40 0.00	40.11 2.56 0.00	32.03 2.05 0.00
AST_ENERGY_2_CC4 323678	30.50 1.89 0.00	24.54 1.49 0.00	21.57 1.18 0.00	21.55 1.14 0.00	24.45 1.20 0.00	24.22 1.18 0.00	26.50 1.45 0.00	26.61 1.65 0.00	32.41 1.93 0.00	31.17 2.11 -0.13	31.29 2.13 -0.26	31.36 2.06 -1.48	31.32 2.21 -0.27	33.56 2.43 -0.30	42.89 3.25 -0.66	55.74 4.45 -0.78	62.54 5.45 -0.11	36.84 3.18 -2.12	34.82 2.80 -1.60	42.76 3.12 -0.79	58.91 4.14 0.00	52.35 3.40 0.00	40.11 2.56 0.00	32.03 2.05 0.00
ATHENS_STG_1 23668	29.71 1.10 0.00	23.94 0.88 0.00	21.09 0.70 0.00	21.13 0.72 0.00	24.00 0.75 0.00	23.75 0.71 0.00	25.91 0.85 0.00	25.90 0.95 0.00	31.60 1.11 0.00	30.14 1.17 -0.04	30.21 1.18 -0.13	29.41 1.12 -0.47	30.15 1.23 -0.08	32.27 1.35 -0.09	40.97 1.80 -0.20	53.10 2.33 -0.25	59.97 2.96 -0.03	35.74 1.80 -2.40	33.78 1.66 -1.70	41.60 1.91 -0.84	57.25 2.48 0.00	51.00 2.05 0.00	39.10 1.55 0.00	31.21 1.22 0.00
ATHENS_STG_2 23670	29.71 1.10 0.00	23.94 0.88 0.00	21.09 0.70 0.00	21.13 0.72 0.00	24.00 0.75 0.00	23.75 0.71 0.00	25.91 0.85 0.00	25.90 0.95 0.00	31.60 1.11 0.00	30.14 1.17 -0.04	30.21 1.18 -0.13	29.41 1.12 -0.47	30.15 1.23 -0.08	32.27 1.35 -0.09	40.97 1.80 -0.20	53.10 2.33 -0.25	59.97 2.96 -0.03	35.74 1.80 -2.40	33.78 1.66 -1.70	41.60 1.91 -0.84	57.25 2.48 0.00	51.00 2.05 0.00	39.10 1.55 0.00	31.21 1.22 0.00

ATHENS_STG_3 23677	29.71 1.10 0.00	23.94 0.88 0.00	21.09 0.70 0.00	21.13 0.72 0.00	24.00 0.75 0.00	23.75 0.71 0.00	25.91 0.85 0.00	25.90 0.95 0.00	31.60 1.11 0.00	30.14 1.17 -0.04	30.21 1.18 -0.13	29.41 1.12 -0.47	30.15 1.23 -0.08	32.27 1.35 -0.09	40.97 1.80 -0.20	53.10 2.33 -0.25	59.97 2.96 -0.03	35.74 1.80 -2.40	33.78 1.66 -1.70	41.60 1.91 -0.84	57.25 2.48 0.00	51.00 2.05 0.00	39.10 1.55 0.00	31.21 1.22 0.00
AUBURN____LFGE 323710	29.11 0.50 0.00	23.47 0.42 0.00	20.76 0.36 0.00	20.77 0.36 0.00	23.67 0.42 0.00	23.47 0.42 0.00	25.63 0.58 0.00	25.44 0.48 0.00	31.13 0.65 0.00	29.55 0.59 -0.03	30.10 0.54 -0.66	28.77 0.39 -0.57	29.27 0.44 0.00	31.21 0.39 0.00	39.46 0.48 0.00	51.49 0.86 -0.11	57.84 0.86 0.00	32.28 0.49 -0.25	31.03 0.42 -0.19	39.42 0.48 -0.09	55.57 0.80 0.00	49.35 0.40 0.00	37.80 0.25 0.00	30.29 0.31 0.00
BABYLON_RES_REC 323704	32.39 2.79 -1.00	27.09 2.23 -1.81	23.11 1.85 -0.87	22.21 1.80 0.00	25.22 1.97 0.00	24.88 1.84 0.00	27.19 2.13 0.00	27.27 2.31 0.00	33.37 2.88 0.00	31.93 2.86 -0.13	31.71 2.55 -0.26	34.24 2.56 -3.86	33.51 2.72 -1.95	34.70 2.86 -1.02	43.21 3.56 -0.67	56.10 4.80 -0.78	73.45 5.89 -10.58	77.95 3.40 -43.01	75.56 3.12 -42.03	44.70 3.59 -2.26	59.42 4.65 0.00	52.63 3.68 0.00	40.60 3.06 0.00	34.23 2.96 -1.29
BABYLON__69_KV_BK2 356345	32.85 3.24 -0.99	27.42 2.56 -1.81	23.41 2.15 -0.87	22.49 2.09 0.00	25.56 2.31 0.00	25.20 2.16 0.00	27.56 2.51 0.00	27.64 2.68 0.00	33.88 3.39 0.00	32.47 3.41 -0.13	32.41 3.22 -0.28	36.30 3.27 -5.21	34.29 3.49 -1.96	35.58 3.70 -1.06	44.26 4.55 -0.74	57.40 6.10 -0.78	98.09 7.48 -33.63	117.30 4.28 -81.49	88.81 3.95 -54.44	49.61 4.65 -6.11	60.75 5.98 0.00	53.78 4.83 0.00	41.45 3.90 0.00	34.72 3.45 -1.28
BARON_WINDS____WT_PWR 323822	29.11 0.50 0.00	23.20 0.14 0.00	20.50 0.11 0.00	20.41 0.00 0.00	23.37 0.11 0.00	23.31 0.27 0.00	25.63 0.57 0.00	25.38 0.42 0.00	31.32 0.84 0.00	29.97 1.01 -0.02	30.21 0.72 -0.58	28.79 0.47 -0.51	29.08 0.24 0.00	31.21 0.39 0.00	39.10 0.12 0.00	50.94 0.32 -0.10	56.81 -0.17 0.00	31.84 -0.13 -0.43	30.32 -0.44 -0.34	38.45 -0.57 -0.17	54.30 -0.47 0.00	48.14 -0.81 0.00	37.04 -0.51 0.00	29.83 -0.15 0.00
BARRETT_IC_1 23704	31.99 2.39 -1.00	26.74 1.87 -1.81	22.80 1.54 -0.87	21.92 1.52 0.00	24.87 1.62 0.00	24.54 1.50 0.00	26.80 1.74 0.00	26.83 1.87 0.00	32.73 2.24 0.00	31.32 2.26 -0.13	31.41 2.25 -0.26	33.37 2.22 -3.34	33.18 2.39 -1.95	34.41 2.57 -1.01	42.89 3.25 -0.66	55.59 4.29 -0.78	65.46 5.41 -3.07	64.23 3.12 -29.56	71.84 2.93 -38.49	43.05 3.41 -0.80	59.09 4.33 0.00	52.61 3.66 -0.01	40.53 2.97 -0.01	33.85 2.58 -1.29
BARRETT_IC_10 23701	31.99 2.39 -1.00	26.74 1.87 -1.81	22.80 1.54 -0.87	21.92 1.52 0.00	24.87 1.62 0.00	24.54 1.50 0.00	26.80 1.74 0.00	26.83 1.87 0.00	32.73 2.24 0.00	31.32 2.26 -0.13	31.41 2.25 -0.26	33.37 2.22 -3.34	33.18 2.39 -1.95	34.41 2.57 -1.01	42.89 3.25 -0.66	55.59 4.29 -0.78	65.46 5.41 -3.07	64.23 3.12 -29.56	71.84 2.93 -38.49	43.05 3.41 -0.80	59.09 4.33 0.00	52.61 3.66 -0.01	40.53 2.97 -0.01	33.85 2.58 -1.29
BARRETT_IC_11 23702	31.99 2.39 -1.00	26.74 1.87 -1.81	22.80 1.54 -0.87	21.92 1.52 0.00	24.87 1.62 0.00	24.54 1.50 0.00	26.80 1.74 0.00	26.83 1.87 0.00	32.73 2.24 0.00	31.32 2.26 -0.13	31.41 2.25 -0.26	33.37 2.22 -3.34	33.18 2.39 -1.95	34.41 2.57 -1.01	42.89 3.25 -0.66	55.59 4.29 -0.78	65.46 5.41 -3.07	64.23 3.12 -29.56	71.84 2.93 -38.49	43.05 3.41 -0.80	59.09 4.33 0.00	52.61 3.66 -0.01	40.53 2.97 -0.01	33.85 2.58 -1.29
BARRETT_IC_12 23703	31.99 2.39 -1.00	26.74 1.87 -1.81	22.80 1.54 -0.87	21.92 1.52 0.00	24.87 1.62 0.00	24.54 1.50 0.00	26.80 1.74 0.00	26.83 1.87 0.00	32.73 2.24 0.00	31.32 2.26 -0.13	31.41 2.25 -0.26	33.37 2.22 -3.34	33.18 2.39 -1.95	34.41 2.57 -1.01	42.89 3.25 -0.66	55.59 4.29 -0.78	65.46 5.41 -3.07	64.23 3.12 -29.56	71.84 2.93 -38.49	43.05 3.41 -0.80	59.09 4.33 0.00	52.61 3.66 -0.01	40.53 2.97 -0.01	33.85 2.58 -1.29
BARRETT_IC_2 23705	31.99 2.39 -1.00	26.74 1.87 -1.81	22.80 1.54 -0.87	21.92 1.52 0.00	24.87 1.62 0.00	24.54 1.50 0.00	26.80 1.74 0.00	26.83 1.87 0.00	32.73 2.24 0.00	31.32 2.26 -0.13	31.41 2.25 -0.26	33.37 2.22 -3.34	33.18 2.39 -1.95	34.41 2.57 -1.01	42.89 3.25 -0.66	55.59 4.29 -0.78	65.46 5.41 -3.07	64.23 3.12 -29.56	71.84 2.93 -38.49	43.05 3.41 -0.80	59.09 4.33 0.00	52.61 3.66 -0.01	40.53 2.97 -0.01	33.85 2.58 -1.29
BARRETT_IC_3 23706	31.99 2.39 -1.00	26.74 1.87 -1.81	22.80 1.54 -0.87	21.92 1.52 0.00	24.87 1.62 0.00	24.54 1.50 0.00	26.80 1.74 0.00	26.83 1.87 0.00	32.73 2.24 0.00	31.32 2.26 -0.13	31.41 2.25 -0.26	33.37 2.22 -3.34	33.18 2.39 -1.95	34.41 2.57 -1.01	42.89 3.25 -0.66	55.59 4.29 -0.78	65.46 5.41 -3.07	64.23 3.12 -29.56	71.84 2.93 -38.49	43.05 3.41 -0.80	59.09 4.33 0.00	52.61 3.66 -0.01	40.53 2.97 -0.01	33.85 2.58 -1.29
BARRETT_IC_4 23707	31.99 2.39 -1.00	26.74 1.87 -1.81	22.80 1.54 -0.87	21.92 1.52 0.00	24.87 1.62 0.00	24.54 1.50 0.00	26.80 1.74 0.00	26.83 1.87 0.00	32.73 2.24 0.00	31.32 2.26 -0.13	31.41 2.25 -0.26	33.37 2.22 -3.34	33.18 2.39 -1.95	34.41 2.57 -1.01	42.89 3.25 -0.66	55.59 4.29 -0.78	65.46 5.41 -3.07	64.23 3.12 -29.56	71.84 2.93 -38.49	43.05 3.41 -0.80	59.09 4.33 0.00	52.61 3.66 -0.01	40.53 2.97 -0.01	33.85 2.58 -1.29
BARRETT_IC_5 23708	31.99 2.39 -1.00	26.74 1.87 -1.81	22.80 1.54 -0.87	21.92 1.52 0.00	24.87 1.62 0.00	24.54 1.50 0.00	26.80 1.74 0.00	26.83 1.87 0.00	32.73 2.24 0.00	31.32 2.26 -0.13	31.41 2.25 -0.26	33.37 2.22 -3.34	33.18 2.39 -1.95	34.41 2.57 -1.01	42.89 3.25 -0.66	55.59 4.29 -0.78	65.46 5.41 -3.07	64.23 3.12 -29.56	71.84 2.93 -38.49	43.05 3.41 -0.80	59.09 4.33 0.00	52.61 3.66 -0.01	40.53 2.97 -0.01	33.85 2.58 -1.29
BARRETT_IC_6 23709	31.99 2.39 -1.00	26.74 1.87 -1.81	22.80 1.54 -0.87	21.92 1.52 0.00	24.87 1.62 0.00	24.54 1.50 0.00	26.80 1.74 0.00	26.83 1.87 0.00	32.73 2.24 0.00	31.32 2.26 -0.13	31.41 2.25 -0.26	33.37 2.22 -3.34	33.18 2.39 -1.95	34.41 2.57 -1.01	42.89 3.25 -0.66	55.59 4.29 -0.78	65.46 5.41 -3.07	64.23 3.12 -29.56	71.84 2.93 -38.49	43.05 3.41 -0.80	59.09 4.33 0.00	52.61 3.66 -0.01	40.53 2.97 -0.01	33.85 2.58 -1.29
BARRETT_IC_7 23710	31.99 2.39 -0.99	26.73 1.87 -1.81	22.80 1.54 -0.87	21.92 1.52 0.00	24.88 1.63 0.00	24.54 1.50 0.00	26.80 1.74 0.00	26.83 1.86 0.00	32.73 2.25 0.00	31.32 2.26 -0.13	31.40 2.24 -0.26	33.37 2.22 -3.34	33.18 2.39 -1.95	34.40 2.57 -1.00	42.89 3.25 -0.66	55.59 4.29 -0.78	65.47 5.41 -3.08	64.23 3.13 -29.56	71.84 2.93 -38.49	43.05 3.41 -0.79	59.09 4.33 0.00	52.60 3.66 0.00	40.52 2.98 0.00	33.84 2.58 -1.28

BARRETT_IC_8 23711	31.99 2.39 -1.00	26.74 1.87 -1.81	22.80 1.54 -0.87	21.92 1.52 0.00	24.87 1.62 0.00	24.54 1.50 0.00	26.80 1.74 0.00	26.83 1.87 0.00	32.73 2.24 0.00	31.32 2.26 -0.13	31.41 2.25 -0.26	33.37 2.22 -3.34	33.18 2.39 -1.95	34.41 2.57 -1.01	42.89 3.25 -0.66	55.59 4.29 -0.78	65.46 5.41 -3.07	64.23 3.12 -29.56	71.84 2.93 -38.49	43.05 3.41 -0.80	59.09 4.33 0.00	52.61 3.66 -0.01	40.53 2.97 -0.01	33.85 2.58 -1.29
BARRETT_IC_9 23700	31.99 2.39 -1.00	26.74 1.87 -1.81	22.80 1.54 -0.87	21.92 1.52 0.00	24.87 1.62 0.00	24.54 1.50 0.00	26.80 1.74 0.00	26.83 1.87 0.00	32.73 2.24 0.00	31.32 2.26 -0.13	31.41 2.25 -0.26	33.37 2.22 -3.34	33.18 2.39 -1.95	34.41 2.57 -1.01	42.89 3.25 -0.66	55.59 4.29 -0.78	65.46 5.41 -3.07	64.23 3.12 -29.56	71.84 2.93 -38.49	43.05 3.41 -0.80	59.09 4.33 0.00	52.61 3.66 -0.01	40.53 2.97 -0.01	33.85 2.58 -1.29
BARRETT___1 23545	31.99 2.39 -1.00	26.74 1.87 -1.81	22.80 1.54 -0.87	21.92 1.52 0.00	24.87 1.62 0.00	24.54 1.50 0.00	26.80 1.74 0.00	26.83 1.87 0.00	32.73 2.24 0.00	31.32 2.26 -0.13	31.41 2.25 -0.26	33.37 2.22 -3.34	33.18 2.39 -1.95	34.41 2.57 -1.01	42.89 3.25 -0.66	55.59 4.29 -0.78	65.46 5.41 -3.07	64.23 3.12 -29.56	71.84 2.93 -38.49	43.05 3.41 -0.80	59.09 4.33 0.00	52.61 3.66 -0.01	40.53 2.97 -0.01	33.85 2.58 -1.29
BARRETT___2 23546	31.99 2.39 -1.00	26.74 1.87 -1.81	22.80 1.54 -0.87	21.92 1.52 0.00	24.87 1.62 0.00	24.54 1.50 0.00	26.80 1.74 0.00	26.83 1.87 0.00	32.73 2.24 0.00	31.32 2.26 -0.13	31.41 2.25 -0.26	33.37 2.22 -3.34	33.18 2.39 -1.95	34.41 2.57 -1.01	42.89 3.25 -0.66	55.59 4.29 -0.78	65.46 5.41 -3.07	64.23 3.12 -29.56	71.84 2.93 -38.49	43.05 3.41 -0.80	59.09 4.33 0.00	52.61 3.66 -0.01	40.53 2.97 -0.01	33.85 2.58 -1.29
BATAVIA___115KV_TB1 55881	29.07 0.46 0.00	23.20 0.15 0.00	20.48 0.08 0.00	20.32 -0.08 0.00	23.25 0.00 0.00	23.26 0.22 0.00	25.58 0.52 0.00	25.14 0.18 0.00	31.11 0.63 0.00	29.86 0.90 -0.03	30.21 0.61 -0.70	28.88 0.46 -0.60	29.15 0.31 0.00	31.16 0.34 0.00	38.70 -0.27 0.00	50.42 -0.22 -0.12	55.97 -1.01 -0.01	31.15 -0.68 -0.29	29.83 -0.80 -0.22	38.05 -0.90 -0.11	54.07 -0.70 0.00	47.80 -1.15 -0.01	36.89 -0.66 0.00	30.04 0.06 0.00
BAYONEEC___CTG1 323682	30.53 1.92 0.00	24.56 1.50 0.00	21.58 1.19 0.00	21.56 1.15 0.00	24.46 1.22 0.00	24.23 1.19 0.00	26.52 1.47 0.00	26.64 1.68 0.00	32.42 1.94 0.00	31.19 2.13 -0.13	31.31 2.15 -0.26	31.38 2.09 -1.48	31.33 2.22 -0.27	33.57 2.45 -0.30	42.90 3.26 -0.66	55.76 4.47 -0.78	62.57 5.48 -0.11	36.86 3.20 -2.12	34.83 2.81 -1.60	42.77 3.13 -0.79	58.93 4.16 0.00	52.37 3.43 0.00	40.13 2.58 0.00	32.05 2.07 0.00
BAYONEEC___CTG10 323750	30.53 1.92 0.00	24.56 1.50 0.00	21.58 1.19 0.00	21.56 1.15 0.00	24.46 1.22 0.00	24.23 1.19 0.00	26.52 1.47 0.00	26.64 1.68 0.00	32.42 1.94 0.00	31.19 2.13 -0.13	31.31 2.15 -0.26	31.38 2.09 -1.48	31.33 2.22 -0.27	33.57 2.45 -0.30	42.90 3.26 -0.66	55.76 4.47 -0.78	62.57 5.48 -0.11	36.86 3.20 -2.12	34.83 2.81 -1.60	42.77 3.13 -0.79	58.93 4.16 0.00	52.37 3.43 0.00	40.13 2.58 0.00	32.05 2.07 0.00
BAYONEEC___CTG2 323683	30.53 1.92 0.00	24.56 1.50 0.00	21.58 1.19 0.00	21.56 1.15 0.00	24.46 1.22 0.00	24.23 1.19 0.00	26.52 1.47 0.00	26.64 1.68 0.00	32.42 1.94 0.00	31.19 2.13 -0.13	31.31 2.15 -0.26	31.38 2.09 -1.48	31.33 2.22 -0.27	33.57 2.45 -0.30	42.90 3.26 -0.66	55.76 4.47 -0.78	62.57 5.48 -0.11	36.86 3.20 -2.12	34.83 2.81 -1.60	42.77 3.13 -0.79	58.93 4.16 0.00	52.37 3.43 0.00	40.13 2.58 0.00	32.05 2.07 0.00
BAYONEEC___CTG3 323684	30.53 1.92 0.00	24.56 1.50 0.00	21.58 1.19 0.00	21.56 1.15 0.00	24.46 1.22 0.00	24.23 1.19 0.00	26.52 1.47 0.00	26.64 1.68 0.00	32.42 1.94 0.00	31.19 2.13 -0.13	31.31 2.15 -0.26	31.38 2.09 -1.48	31.33 2.22 -0.27	33.57 2.45 -0.30	42.90 3.26 -0.66	55.76 4.47 -0.78	62.57 5.48 -0.11	36.86 3.20 -2.12	34.83 2.81 -1.60	42.77 3.13 -0.79	58.93 4.16 0.00	52.37 3.43 0.00	40.13 2.58 0.00	32.05 2.07 0.00
BAYONEEC___CTG4 323685	30.53 1.92 0.00	24.56 1.50 0.00	21.58 1.19 0.00	21.56 1.15 0.00	24.46 1.22 0.00	24.23 1.19 0.00	26.52 1.47 0.00	26.64 1.68 0.00	32.42 1.94 0.00	31.19 2.13 -0.13	31.31 2.15 -0.26	31.38 2.09 -1.48	31.33 2.22 -0.27	33.57 2.45 -0.30	42.90 3.26 -0.66	55.76 4.47 -0.78	62.57 5.48 -0.11	36.86 3.20 -2.12	34.83 2.81 -1.60	42.77 3.13 -0.79	58.93 4.16 0.00	52.37 3.43 0.00	40.13 2.58 0.00	32.05 2.07 0.00
BAYONEEC___CTG5 323686	30.53 1.92 0.00	24.56 1.50 0.00	21.58 1.19 0.00	21.56 1.15 0.00	24.46 1.22 0.00	24.23 1.19 0.00	26.52 1.47 0.00	26.64 1.68 0.00	32.42 1.94 0.00	31.19 2.13 -0.13	31.31 2.15 -0.26	31.38 2.09 -1.48	31.33 2.22 -0.27	33.57 2.45 -0.30	42.90 3.26 -0.66	55.76 4.47 -0.78	62.57 5.48 -0.11	36.86 3.20 -2.12	34.83 2.81 -1.60	42.77 3.13 -0.79	58.93 4.16 0.00	52.37 3.43 0.00	40.13 2.58 0.00	32.05 2.07 0.00
BAYONEEC___CTG6 323687	30.53 1.92 0.00	24.56 1.50 0.00	21.58 1.19 0.00	21.56 1.15 0.00	24.46 1.22 0.00	24.23 1.19 0.00	26.52 1.47 0.00	26.64 1.68 0.00	32.42 1.94 0.00	31.19 2.13 -0.13	31.31 2.15 -0.26	31.38 2.09 -1.48	31.33 2.22 -0.27	33.57 2.45 -0.30	42.90 3.26 -0.66	55.76 4.47 -0.78	62.57 5.48 -0.11	36.86 3.20 -2.12	34.83 2.81 -1.60	42.77 3.13 -0.79	58.93 4.16 0.00	52.37 3.43 0.00	40.13 2.58 0.00	32.05 2.07 0.00
BAYONEEC___CTG7 323688	30.53 1.92 0.00	24.56 1.50 0.00	21.58 1.19 0.00	21.56 1.15 0.00	24.46 1.22 0.00	24.23 1.19 0.00	26.52 1.47 0.00	26.64 1.68 0.00	32.42 1.94 0.00	31.19 2.13 -0.13	31.31 2.15 -0.26	31.38 2.09 -1.48	31.33 2.22 -0.27	33.57 2.45 -0.30	42.90 3.26 -0.66	55.76 4.47 -0.78	62.57 5.48 -0.11	36.86 3.20 -2.12	34.83 2.81 -1.60	42.77 3.13 -0.79	58.93 4.16 0.00	52.37 3.43 0.00	40.13 2.58 0.00	32.05 2.07 0.00
BAYONEEC___CTG8 323689	30.53 1.92 0.00	24.56 1.50 0.00	21.58 1.19 0.00	21.56 1.15 0.00	24.46 1.22 0.00	24.23 1.19 0.00	26.52 1.47 0.00	26.64 1.68 0.00	32.42 1.94 0.00	31.19 2.13 -0.13	31.31 2.15 -0.26	31.38 2.09 -1.48	31.33 2.22 -0.27	33.57 2.45 -0.30	42.90 3.26 -0.66	55.76 4.47 -0.78	62.57 5.48 -0.11	36.86 3.20 -2.12	34.83 2.81 -1.60	42.77 3.13 -0.79	58.93 4.16 0.00	52.37 3.43 0.00	40.13 2.58 0.00	32.05 2.07 0.00
BAYONEEC___CTG9 323749	30.53 1.92 0.00	24.56 1.50 0.00	21.58 1.19 0.00	21.56 1.15 0.00	24.46 1.22 0.00	24.23 1.19 0.00	26.52 1.47 0.00	26.64 1.68 0.00	32.42 1.94 0.00	31.19 2.13 -0.13	31.31 2.15 -0.26	31.38 2.09 -1.48	31.33 2.22 -0.27	33.57 2.45 -0.30	42.90 3.26 -0.66	55.76 4.47 -0.78	62.57 5.48 -0.11	36.86 3.20 -2.12	34.83 2.81 -1.60	42.77 3.13 -0.79	58.93 4.16 0.00	52.37 3.43 0.00	40.13 2.58 0.00	32.05 2.07 0.00

BEACON___LESR 323632	29.52 0.91 0.00	23.74 0.69 0.00	20.92 0.53 0.00	21.00 0.59 0.00	23.92 0.67 0.00	23.61 0.57 0.00	25.81 0.75 0.00	25.71 0.75 0.00	31.46 0.98 0.00	29.70 0.91 0.14	29.75 0.98 0.12	28.24 0.93 0.50	29.65 1.10 0.29	31.73 1.24 0.33	39.98 1.62 0.61	51.74 2.05 0.82	59.81 2.94 0.12	35.96 1.70 -2.72	35.43 1.67 -3.34	42.52 1.95 -1.72	57.45 2.68 0.00	51.07 2.12 0.00	39.03 1.48 0.00	31.06 1.08 0.00
BEAVER RIVER___HYD 24048	27.85 -0.76 0.00	22.67 -0.39 0.00	20.15 -0.24 0.00	20.22 -0.19 0.00	23.12 -0.13 0.00	22.92 -0.12 0.00	25.00 -0.05 0.00	24.91 -0.05 0.00	30.28 -0.20 0.00	28.58 -0.36 -0.01	28.75 -0.43 -0.28	27.57 -0.49 -0.24	28.30 -0.54 0.00	30.21 -0.62 0.00	38.39 -0.59 0.00	49.82 -0.74 -0.05	56.45 -0.53 0.00	31.57 -0.04 -0.08	30.46 0.03 0.00	39.08 0.23 0.00	55.43 0.66 0.00	49.44 0.49 0.00	37.71 0.16 0.00	29.92 -0.06 0.00
BEEBEE_GT_13 23619	28.71 0.10 0.00	22.95 -0.10 0.00	20.25 -0.14 0.00	20.16 -0.25 0.00	23.03 -0.22 0.00	22.98 -0.06 0.00	25.15 0.10 0.00	24.83 -0.13 0.00	30.66 0.17 0.00	29.37 0.41 -0.03	29.82 0.20 -0.72	28.54 0.09 -0.63	28.85 0.01 0.00	30.81 -0.01 0.00	38.51 -0.46 0.00	50.07 -0.57 -0.12	55.80 -1.19 0.00	31.04 -0.74 -0.24	29.75 -0.84 -0.18	37.94 -0.99 -0.09	53.74 -1.03 0.00	47.65 -1.29 0.00	36.68 -0.87 0.00	29.68 -0.31 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.90 2.29 0.00	24.85 1.80 0.00	21.83 1.43 0.00	21.80 1.39 0.00	24.74 1.49 0.00	24.51 1.47 0.00	26.84 1.79 0.00	26.94 1.98 0.00	32.83 2.35 0.00	31.55 2.48 -0.13	31.65 2.49 -0.26	31.73 2.44 -1.48	31.72 2.62 -0.27	33.99 2.86 -0.30	43.44 3.80 -0.66	56.53 5.24 -0.78	63.43 6.35 -0.11	37.33 3.66 -2.12	35.26 3.24 -1.60	43.33 3.69 -0.79	59.74 4.97 0.00	53.14 4.20 0.00	40.71 3.16 0.00	32.50 2.52 0.00
BETHLEHEM___GRP 23843	29.02 0.41 0.00	23.44 0.39 0.00	20.67 0.27 0.00	20.75 0.34 0.00	23.57 0.32 0.00	23.30 0.26 0.00	25.35 0.30 0.00	25.31 0.35 0.00	30.90 0.41 0.00	29.22 0.42 0.13	29.21 0.42 0.11	27.75 0.40 0.46	29.12 0.56 0.28	31.09 0.58 0.32	39.23 0.83 0.58	50.73 1.00 0.78	58.43 1.57 0.11	35.29 1.02 -2.73	34.72 0.99 -3.31	41.72 1.17 -1.71	56.22 1.45 0.00	50.05 1.10 0.00	38.34 0.79 0.00	30.56 0.57 0.00
BETHLEHEM___GS1 323560	29.02 0.41 0.00	23.44 0.39 0.00	20.67 0.27 0.00	20.75 0.34 0.00	23.57 0.31 0.00	23.30 0.26 0.00	25.36 0.30 0.00	25.31 0.35 0.00	30.89 0.41 0.00	29.22 0.42 0.13	29.20 0.42 0.11	27.75 0.40 0.46	29.12 0.56 0.28	31.09 0.58 0.32	39.23 0.84 0.58	50.73 0.99 0.78	58.43 1.57 0.11	35.29 1.02 -2.73	34.72 0.99 -3.31	41.72 1.17 -1.71	56.22 1.45 0.00	50.05 1.10 0.00	38.34 0.79 0.00	30.56 0.57 0.00
BETHLEHEM___GS2 323561	29.02 0.41 0.00	23.44 0.39 0.00	20.67 0.27 0.00	20.75 0.34 0.00	23.57 0.31 0.00	23.30 0.26 0.00	25.36 0.30 0.00	25.31 0.35 0.00	30.89 0.41 0.00	29.22 0.42 0.13	29.20 0.42 0.11	27.75 0.40 0.46	29.12 0.56 0.28	31.09 0.58 0.32	39.23 0.84 0.58	50.73 0.99 0.78	58.43 1.57 0.11	35.29 1.02 -2.73	34.72 0.99 -3.31	41.72 1.17 -1.71	56.22 1.45 0.00	50.05 1.10 0.00	38.34 0.79 0.00	30.56 0.57 0.00
BETHLEHEM___GS3 323562	29.02 0.41 0.00	23.44 0.39 0.00	20.67 0.27 0.00	20.75 0.34 0.00	23.57 0.31 0.00	23.30 0.26 0.00	25.36 0.30 0.00	25.31 0.35 0.00	30.89 0.41 0.00	29.22 0.42 0.13	29.20 0.42 0.11	27.75 0.40 0.46	29.12 0.56 0.28	31.09 0.58 0.32	39.23 0.84 0.58	50.73 0.99 0.78	58.43 1.57 0.11	35.29 1.02 -2.73	34.72 0.99 -3.31	41.72 1.17 -1.71	56.22 1.45 0.00	50.05 1.10 0.00	38.34 0.79 0.00	30.56 0.57 0.00
BETHLEHEM___STEEL 23779	28.87 0.26 0.00	22.98 -0.08 0.00	20.30 -0.10 0.00	20.14 -0.27 0.00	23.05 -0.20 0.00	23.03 -0.01 0.00	25.34 0.29 0.00	24.91 -0.05 0.00	30.94 0.46 0.00	29.76 0.80 -0.03	30.06 0.50 -0.66	28.67 0.28 -0.57	28.87 0.03 0.00	30.89 0.06 0.00	38.38 -0.59 0.00	49.85 -0.79 -0.12	55.11 -1.88 -0.01	30.70 -1.18 -0.34	29.31 -1.37 -0.26	37.41 -1.57 -0.13	53.13 -1.64 0.00	47.04 -1.91 -0.01	36.32 -1.23 0.00	29.62 -0.36 0.00
BETHLHEM_115KV_TB1 79974	29.11 0.51 0.00	23.51 0.46 0.00	20.73 0.33 0.00	20.80 0.39 0.00	23.64 0.39 0.00	23.37 0.33 0.00	25.44 0.38 0.00	25.39 0.43 0.00	31.00 0.51 0.00	29.32 0.51 0.12	29.31 0.51 0.10	27.88 0.49 0.43	29.22 0.64 0.27	31.20 0.68 0.30	39.38 0.96 0.55	50.93 1.15 0.74	58.60 1.73 0.11	35.37 1.11 -2.72	34.72 1.07 -3.23	41.78 1.27 -1.66	56.35 1.58 0.00	50.18 1.23 0.00	38.43 0.88 0.00	30.64 0.66 0.00
BETHPAGE_CC_5 323564	32.08 2.47 -1.00	26.88 2.01 -1.81	22.92 1.66 -0.87	22.03 1.62 0.00	25.00 1.75 0.00	24.68 1.64 0.00	26.98 1.93 0.00	27.06 2.10 0.00	33.07 2.58 0.00	31.67 2.61 -0.13	31.68 2.51 -0.26	33.96 2.52 -3.63	33.46 2.67 -1.95	34.70 2.86 -1.01	43.23 3.59 -0.67	56.16 4.86 -0.78	70.31 6.10 -7.23	72.05 3.51 -37.00	74.07 3.20 -40.45	44.12 3.67 -1.61	59.41 4.64 0.00	52.65 3.70 0.00	40.50 2.96 0.00	33.90 2.63 -1.29
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.99 0.38 0.00	23.06 0.01 0.00	20.37 -0.02 0.00	20.22 -0.19 0.00	23.13 -0.12 0.00	23.12 0.08 0.00	25.45 0.39 0.00	25.02 0.06 0.00	31.10 0.61 0.00	29.91 0.95 -0.03	30.22 0.66 -0.66	28.81 0.42 -0.57	29.01 0.17 0.00	31.05 0.23 0.00	38.60 -0.38 0.00	50.13 -0.50 -0.12	55.43 -1.56 -0.01	30.88 -1.00 -0.34	29.48 -1.21 -0.26	37.61 -1.37 -0.13	53.41 -1.36 0.00	47.29 -1.66 -0.01	36.51 -1.05 0.00	29.74 -0.24 0.00
BINGHAMTON___COGEN 23790	29.12 0.52 0.00	23.29 0.24 0.00	20.59 0.19 0.00	20.55 0.14 0.00	23.45 0.20 0.00	23.32 0.28 0.00	25.53 0.48 0.00	25.43 0.47 0.00	31.20 0.71 0.00	29.72 0.78 -0.02	29.93 0.59 -0.44	28.65 0.45 -0.38	29.20 0.36 0.00	31.33 0.50 0.00	39.55 0.57 0.00	51.46 0.87 -0.08	57.80 0.82 0.00	32.68 0.52 -0.63	31.28 0.34 -0.53	39.52 0.41 -0.26	55.38 0.61 0.00	49.34 0.39 0.00	37.78 0.23 0.00	30.22 0.24 0.00
BIXINCNT_115KV_LOAD 355685	29.28 0.68 0.00	23.30 0.25 0.00	20.62 0.22 0.00	20.49 0.09 0.00	23.46 0.21 0.00	23.45 0.41 0.00	25.90 0.84 0.00	25.57 0.61 0.00	31.76 1.27 0.00	30.48 1.53 -0.03	30.73 1.18 -0.64	29.19 0.81 -0.56	29.36 0.52 0.00	31.47 0.64 0.00	39.16 0.19 0.00	50.86 0.23 -0.11	56.36 -0.63 0.00	31.36 -0.54 -0.36	29.88 -0.82 -0.27	37.98 -1.00 -0.14	54.03 -0.74 0.00	47.96 -0.99 0.00	36.95 -0.61 0.00	29.98 0.00 0.00
BLACK RIVER___HYD 24047	28.15 -0.46 0.00	22.91 -0.15 0.00	20.34 -0.05 0.00	20.39 -0.01 0.00	23.35 0.10 0.00	23.15 0.11 0.00	25.33 0.28 0.00	25.22 0.26 0.00	30.59 0.10 0.00	28.86 -0.08 -0.02	29.09 -0.23 -0.41	27.80 -0.37 -0.36	28.39 -0.45 0.00	30.28 -0.54 0.00	38.54 -0.44 0.00	49.98 -0.61 -0.07	56.79 -0.18 0.00	31.96 0.31 -0.11	30.75 0.32 -0.01	39.51 0.67 0.00	56.20 1.43 0.00	50.07 1.12 0.00	38.16 0.62 0.00	30.28 0.30 0.00

BLACKRVR_115KV_TB2 79977	28.15 -0.46 0.00	22.91 -0.15 0.00	20.34 -0.05 0.00	20.39 -0.01 0.00	23.35 0.10 0.00	23.15 0.11 0.00	25.33 0.27 0.00	25.22 0.26 0.00	30.59 0.10 0.00	28.86 -0.08 -0.02	29.09 -0.22 -0.41	27.80 -0.37 -0.36	28.39 -0.45 0.00	30.28 -0.54 0.00	38.54 -0.44 0.00	49.98 -0.61 -0.07	56.79 -0.19 0.00	31.96 0.31 -0.11	30.75 0.32 -0.01	39.51 0.67 0.00	56.20 1.44 0.00	50.07 1.13 0.00	38.16 0.62 0.00	30.28 0.30 0.00
BLISS_WT_PWR 323608	29.26 0.65 0.00	23.31 0.25 0.00	20.63 0.23 0.00	20.51 0.10 0.00	23.50 0.25 0.00	23.48 0.44 0.00	25.91 0.85 0.00	25.59 0.63 0.00	31.79 1.31 0.00	30.49 1.54 -0.03	30.73 1.18 -0.64	29.20 0.83 -0.56	29.38 0.55 0.00	31.49 0.67 0.00	39.19 0.21 0.00	50.87 0.24 -0.11	56.40 -0.58 0.00	31.37 -0.53 -0.36	29.86 -0.84 -0.27	37.92 -1.06 -0.14	53.97 -0.80 0.00	47.91 -1.03 0.00	36.91 -0.64 0.00	29.95 -0.03 0.00
BLUE_CIRC_CHEM_DRP 24182	29.49 0.88 0.00	23.82 0.76 0.00	21.00 0.61 0.00	21.08 0.68 0.00	23.97 0.72 0.00	23.70 0.66 0.00	25.79 0.74 0.00	25.73 0.77 0.00	31.39 0.91 0.00	29.69 0.85 0.09	29.66 0.81 0.06	28.31 0.77 0.27	29.56 0.91 0.20	31.58 0.97 0.22	39.89 1.32 0.40	51.59 1.61 0.54	59.07 2.17 0.08	35.55 1.34 -2.67	34.61 1.32 -2.86	41.94 1.62 -1.47	56.89 2.12 0.00	50.66 1.72 0.00	38.83 1.28 0.00	30.97 0.99 0.00
BOC_GAS_DRP 24189	29.35 0.74 0.00	23.68 0.63 0.00	20.88 0.48 0.00	20.94 0.54 0.00	23.80 0.55 0.00	23.54 0.50 0.00	25.63 0.57 0.00	25.59 0.63 0.00	31.23 0.75 0.00	29.59 0.75 0.09	29.60 0.75 0.06	28.27 0.71 0.25	29.48 0.83 0.19	31.50 0.89 0.22	39.78 1.20 0.39	51.49 1.50 0.53	58.93 2.03 0.08	35.52 1.27 -2.71	34.42 1.20 -2.80	41.70 1.42 -1.43	56.59 1.82 0.00	50.43 1.48 0.00	38.66 1.11 0.00	30.84 0.86 0.00
BOONVILLE_115KV_TB1 79983	28.68 0.08 0.00	23.18 0.12 0.00	20.54 0.15 0.00	20.58 0.17 0.00	23.48 0.22 0.00	23.30 0.26 0.00	25.49 0.44 0.00	25.41 0.45 0.00	31.04 0.56 0.00	29.43 0.49 -0.01	29.56 0.45 -0.21	28.38 0.38 -0.18	29.21 0.37 0.00	31.22 0.40 0.00	39.58 0.61 0.00	51.37 0.82 -0.04	58.07 1.09 0.00	32.35 0.75 -0.07	31.20 0.78 0.00	39.89 1.04 0.00	56.33 1.56 0.00	50.19 1.25 0.00	38.33 0.78 0.00	30.48 0.50 0.00
BORALEX_4TH_BRANCH 23824	29.85 1.24 0.00	24.18 1.13 0.00	21.38 0.99 0.00	21.52 1.12 0.00	24.47 1.22 0.00	24.14 1.09 0.00	26.23 1.18 0.00	26.02 1.06 0.00	31.72 1.23 0.00	29.70 1.08 0.31	29.57 1.03 0.36	27.31 0.90 1.40	29.28 1.10 0.66	31.17 1.09 0.75	39.03 1.46 1.40	50.18 1.53 1.86	59.14 2.42 0.26	35.79 1.54 -2.71	35.94 1.61 -3.91	43.15 2.27 -2.03	57.92 3.16 0.00	51.62 2.67 0.00	39.54 1.99 0.00	31.50 1.52 0.00
BOWLINE___1 23526	30.12 1.51 0.00	24.22 1.17 0.00	21.32 0.93 0.00	21.33 0.92 0.00	24.20 0.95 0.00	23.96 0.92 0.00	26.19 1.13 0.00	26.27 1.31 0.00	32.03 1.55 0.00	30.74 1.69 -0.12	30.90 1.75 -0.25	29.13 1.67 0.36	30.89 1.81 -0.25	33.11 2.00 -0.28	42.04 2.66 -0.41	54.91 3.68 -0.72	61.68 4.60 -0.10	36.29 2.71 -2.04	34.34 2.38 -1.53	42.23 2.62 -0.76	58.26 3.49 0.00	51.81 2.87 0.00	39.63 2.08 0.00	31.63 1.65 0.00
BOWLINE___2 23595	30.07 1.46 0.00	24.19 1.13 0.00	21.30 0.91 0.00	21.32 0.91 0.00	24.18 0.92 0.00	23.92 0.88 0.00	26.14 1.09 0.00	26.23 1.27 0.00	31.98 1.49 0.00	30.70 1.64 -0.12	30.84 1.70 -0.25	29.07 1.62 0.36	30.84 1.76 -0.25	33.05 1.95 -0.28	41.98 2.59 -0.41	54.82 3.58 -0.72	61.59 4.51 -0.10	36.24 2.66 -2.04	34.29 2.33 -1.53	42.17 2.56 -0.76	58.16 3.39 0.00	51.72 2.78 0.00	39.56 2.01 0.00	31.58 1.60 0.00
BRADY___115KV_TB2 356060	28.31 -0.30 0.00	22.86 -0.20 0.00	20.28 -0.11 0.00	20.41 0.00 0.00	23.35 0.10 0.00	23.00 -0.04 0.00	24.97 -0.09 0.00	24.86 -0.10 0.00	30.25 -0.23 0.00	28.46 -0.47 0.00	28.63 -0.34 -0.07	27.67 -0.20 -0.06	28.60 -0.24 0.00	30.51 -0.31 0.00	38.61 -0.37 0.00	50.04 -0.49 -0.01	56.27 -0.71 0.00	31.00 -0.54 0.00	30.04 -0.38 0.00	38.63 -0.22 0.00	54.80 0.03 0.00	49.21 0.26 0.00	37.77 0.21 0.00	30.02 0.04 0.00
BRANSCOMB___SOLAR 323811	29.94 1.33 0.00	24.13 1.08 0.00	21.28 0.89 0.00	21.37 0.96 0.00	24.33 1.08 0.00	24.04 1.00 0.00	26.11 1.05 0.00	26.05 1.09 0.00	31.74 1.26 0.00	30.01 1.25 0.17	29.94 1.20 0.16	28.30 1.15 0.66	29.80 1.32 0.36	31.74 1.32 0.41	40.13 1.90 0.75	51.92 2.41 1.00	60.11 3.28 0.14	36.31 1.96 -2.81	37.26 2.15 -4.68	44.05 2.75 -2.45	58.44 3.68 0.00	52.00 3.06 0.00	39.74 2.19 0.00	31.58 1.60 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	32.68 3.08 -0.99	27.32 2.45 -1.81	23.33 2.07 -0.87	22.42 2.02 0.00	25.48 2.23 0.00	25.11 2.07 0.00	27.44 2.38 0.00	27.50 2.54 0.00	33.72 3.24 0.00	32.32 3.26 -0.13	32.24 3.06 -0.28	36.33 3.08 -5.44	34.07 3.27 -1.96	35.38 3.50 -1.06	43.87 4.16 -0.74	56.69 5.39 -0.78	100.27 6.73 -36.56	122.44 3.82 -87.08	89.59 3.53 -55.64	49.74 4.13 -6.76	60.03 5.25 0.00	53.20 4.25 0.00	41.14 3.60 0.00	34.51 3.24 -1.28
BRISTLHL_115KV_TB1 79998	28.21 -0.40 0.00	22.68 -0.37 0.00	20.04 -0.35 0.00	20.02 -0.38 0.00	22.83 -0.42 0.00	22.68 -0.36 0.00	24.72 -0.33 0.00	24.57 -0.39 0.00	30.07 -0.42 0.00	28.64 -0.31 -0.03	29.16 -0.42 -0.67	27.95 -0.45 -0.58	28.31 -0.53 0.00	30.24 -0.58 0.00	38.23 -0.74 0.00	49.68 -0.96 -0.11	55.88 -1.10 0.00	31.16 -0.54 -0.17	29.84 -0.59 -0.01	38.07 -0.78 0.00	53.72 -1.04 0.00	47.89 -1.06 0.00	36.72 -0.83 0.00	29.36 -0.62 0.00
BROOKHAVEN___DRP 24191	32.79 3.19 -1.00	27.45 2.58 -1.82	23.43 2.18 -0.87	22.49 2.09 0.00	25.56 2.31 0.00	25.20 2.16 0.00	27.49 2.44 0.00	27.55 2.59 0.00	33.78 3.29 0.00	32.41 3.34 -0.13	32.48 3.20 -0.38	43.25 3.13 -12.31	34.20 3.36 -2.00	35.68 3.60 -1.25	44.36 4.38 -1.01	57.15 5.86 -0.78	214.40 7.29 -150.12	314.71 4.11 -279.06	149.73 3.81 -115.50	69.65 4.53 -26.28	60.52 5.75 -0.01	53.44 4.49 0.00	41.22 3.67 0.00	34.55 3.29 -1.28
BROOKLYN_NAVY_YARD 23515	30.53 1.92 0.00	24.55 1.49 0.00	21.57 1.18 0.00	21.56 1.15 0.00	24.46 1.21 0.00	24.24 1.19 0.00	26.52 1.47 0.00	26.64 1.68 0.00	32.44 1.96 0.00	31.21 2.15 -0.13	31.30 2.14 -0.26	31.38 2.09 -1.48	31.34 2.24 -0.27	33.60 2.47 -0.30	42.94 3.30 -0.66	55.80 4.51 -0.78	62.63 5.54 -0.11	36.89 3.23 -2.12	34.86 2.85 -1.60	42.82 3.18 -0.79	59.00 4.23 0.00	52.46 3.51 0.00	40.18 2.63 0.00	32.05 2.07 0.00
BROOKLYN___ARMY_DRP 323595	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00

BROOKVLE_69_KV_TB1 55790	32.04 2.44 -0.99	26.77 1.91 -1.81	22.82 1.56 -0.87	21.94 1.54 0.00	24.91 1.65 0.00	24.62 1.57 0.00	26.94 1.89 0.00	27.03 2.07 0.00	33.04 2.56 0.00	31.70 2.64 -0.13	31.83 2.67 -0.26	33.77 2.61 -3.34	33.57 2.78 -1.95	34.91 3.08 -1.00	43.55 3.91 -0.66	56.55 5.26 -0.78	66.51 6.45 -3.08	64.81 3.71 -29.56	72.27 3.36 -38.49	43.48 3.84 -0.79	59.73 4.96 0.00	52.99 4.04 0.00	40.61 3.06 0.00	33.82 2.56 -1.28
BROOME_2_LFGE 323671	29.12 0.52 0.00	23.29 0.24 0.00	20.58 0.19 0.00	20.55 0.14 0.00	23.45 0.20 0.00	23.32 0.28 0.00	25.53 0.48 0.00	25.43 0.47 0.00	31.20 0.72 0.00	29.72 0.78 -0.02	29.93 0.59 -0.44	28.65 0.45 -0.38	29.20 0.36 0.00	31.33 0.50 0.00	39.55 0.57 0.00	51.45 0.86 -0.08	57.80 0.82 0.00	32.68 0.52 -0.63	31.29 0.34 -0.53	39.53 0.42 -0.26	55.38 0.61 0.00	49.34 0.39 0.00	37.78 0.23 0.00	30.22 0.24 0.00
BROOME___LFGE 323600	29.12 0.52 0.00	23.29 0.24 0.00	20.58 0.19 0.00	20.55 0.14 0.00	23.45 0.20 0.00	23.32 0.28 0.00	25.53 0.48 0.00	25.43 0.47 0.00	31.20 0.72 0.00	29.72 0.78 -0.02	29.93 0.59 -0.44	28.65 0.45 -0.38	29.20 0.36 0.00	31.33 0.50 0.00	39.55 0.57 0.00	51.45 0.86 -0.08	57.80 0.82 0.00	32.68 0.52 -0.63	31.29 0.34 -0.53	39.53 0.42 -0.26	55.38 0.61 0.00	49.34 0.39 0.00	37.78 0.23 0.00	30.22 0.24 0.00
BROWNFLS_115KV_TB_3_5 80003	27.44 -1.16 0.00	22.29 -0.77 0.00	19.80 -0.59 0.00	19.92 -0.49 0.00	22.78 -0.47 0.00	22.50 -0.54 0.00	24.46 -0.59 0.00	24.38 -0.58 0.00	29.65 -0.84 0.00	27.94 -1.00 -0.01	28.11 -0.99 -0.19	27.05 -0.93 -0.17	27.85 -0.99 0.00	29.72 -1.11 0.00	37.73 -1.24 0.00	48.93 -1.61 -0.03	55.29 -1.69 0.00	30.75 -0.85 -0.05	29.72 -0.70 0.00	38.14 -0.70 0.00	54.09 -0.68 0.00	48.39 -0.56 0.00	37.00 -0.55 0.00	29.37 -0.61 0.00
BROWNSV1_27_KV_LOAD 356125	30.95 2.34 0.00	24.87 1.81 0.00	21.85 1.45 0.00	21.83 1.42 0.00	24.76 1.51 0.00	24.53 1.49 0.00	26.87 1.81 0.00	26.98 2.02 0.00	32.89 2.40 0.00	31.63 2.57 -0.13	31.75 2.59 -0.26	31.81 2.52 -1.48	31.78 2.68 -0.27	34.07 2.94 -0.30	43.55 3.91 -0.66	56.65 5.35 -0.78	63.55 6.46 -0.11	37.39 3.73 -2.12	35.33 3.31 -1.60	43.41 3.77 -0.79	59.83 5.06 0.00	53.18 4.23 0.00	40.73 3.18 0.00	32.52 2.54 0.00
BURROWS___LYONSDAL 23803	28.47 -0.14 0.00	23.06 0.00 0.00	20.46 0.06 0.00	20.49 0.09 0.00	23.40 0.15 0.00	23.22 0.18 0.00	25.39 0.34 0.00	25.31 0.35 0.00	30.88 0.40 0.00	29.25 0.31 -0.01	29.39 0.26 -0.22	28.20 0.19 -0.19	29.01 0.18 0.00	31.01 0.18 0.00	39.33 0.35 0.00	51.04 0.49 -0.04	57.73 0.75 0.00	32.20 0.59 -0.07	31.05 0.63 0.00	39.74 0.89 0.00	56.16 1.39 0.00	50.04 1.10 0.00	38.20 0.65 0.00	30.37 0.39 0.00
CAITHNESS_CC_1 323624	32.65 3.04 -1.00	27.35 2.47 -1.82	23.34 2.08 -0.87	22.41 2.00 0.00	25.45 2.19 0.00	25.11 2.07 0.00	27.39 2.34 0.00	27.44 2.48 0.00	33.63 3.14 0.00	32.26 3.20 -0.13	32.33 3.05 -0.38	43.13 2.99 -12.33	34.04 3.20 -2.00	35.52 3.44 -1.26	44.16 4.17 -1.01	56.86 5.56 -0.78	214.14 6.94 -150.22	314.90 3.92 -279.44	149.47 3.63 -115.43	69.48 4.29 -26.34	60.20 5.43 -0.01	53.18 4.23 0.00	41.03 3.48 0.00	34.40 3.14 -1.29
CALPINE BETH_PAGE_GT4 24209	32.00 2.39 -0.99	26.83 1.97 -1.81	22.87 1.62 -0.87	21.99 1.58 0.00	24.96 1.71 0.00	24.64 1.60 0.00	26.94 1.89 0.00	27.02 2.06 0.00	32.96 2.48 0.00	31.59 2.53 -0.13	31.60 2.44 -0.26	33.83 2.46 -3.55	33.42 2.62 -1.95	34.65 2.82 -1.01	43.19 3.54 -0.67	56.10 4.81 -0.78	69.19 6.04 -6.17	70.12 3.47 -35.10	73.54 3.17 -39.95	43.88 3.63 -1.40	59.34 4.57 0.00	52.60 3.66 0.00	40.45 2.91 0.00	33.82 2.56 -1.28
CALPINE_BETH_PAGE_GT_4 323586	32.00 2.39 -1.00	26.83 1.97 -1.81	22.88 1.62 -0.87	21.98 1.58 0.00	24.95 1.70 0.00	24.64 1.60 0.00	26.94 1.89 0.00	27.02 2.06 0.00	32.97 2.48 0.00	31.59 2.53 -0.13	31.61 2.45 -0.26	33.83 2.46 -3.55	33.41 2.62 -1.95	34.65 2.82 -1.01	43.19 3.54 -0.67	56.11 4.81 -0.78	69.19 6.04 -6.17	70.12 3.48 -35.10	73.54 3.17 -39.95	43.88 3.63 -1.40	59.34 4.57 0.00	52.60 3.66 0.00	40.46 2.91 0.00	33.82 2.56 -1.29
CALPINE_BP_GT1 23823	32.00 2.39 -1.00	26.83 1.97 -1.81	22.88 1.62 -0.87	21.98 1.58 0.00	24.95 1.70 0.00	24.64 1.60 0.00	26.94 1.89 0.00	27.02 2.06 0.00	32.97 2.48 0.00	31.59 2.53 -0.13	31.61 2.45 -0.26	33.83 2.46 -3.55	33.41 2.62 -1.95	34.65 2.82 -1.01	43.19 3.54 -0.67	56.11 4.81 -0.78	69.19 6.04 -6.17	70.12 3.48 -35.10	73.54 3.17 -39.95	43.88 3.63 -1.40	59.34 4.57 0.00	52.60 3.66 0.00	40.46 2.91 0.00	33.82 2.56 -1.29
CALSPAN___DRP 24200	28.87 0.26 0.00	22.98 -0.08 0.00	20.30 -0.10 0.00	20.14 -0.27 0.00	23.05 -0.20 0.00	23.03 -0.01 0.00	25.34 0.29 0.00	24.91 -0.05 0.00	30.94 0.46 0.00	29.76 0.80 -0.03	30.06 0.50 -0.66	28.67 0.28 -0.57	28.87 0.03 0.00	30.89 0.06 0.00	38.38 -0.59 0.00	49.85 -0.79 -0.12	55.11 -1.88 -0.01	30.70 -1.18 -0.34	29.31 -1.37 -0.26	37.41 -1.57 -0.13	53.13 -1.64 0.00	47.04 -1.91 -0.01	36.32 -1.23 0.00	29.62 -0.36 0.00
CALVERTON___SOLAR 323806	32.97 3.36 -1.00	27.59 2.72 -1.82	23.55 2.29 -0.87	22.61 2.20 0.00	25.68 2.43 0.00	25.33 2.29 0.00	27.63 2.58 0.00	27.69 2.73 0.00	33.95 3.46 0.00	32.61 3.54 -0.13	32.69 3.41 -0.38	43.42 3.30 -12.30	34.37 3.53 -2.00	35.88 3.80 -1.26	44.63 4.64 -1.01	57.52 6.22 -0.78	214.84 7.71 -150.15	314.91 4.34 -279.02	150.01 4.03 -115.56	69.92 4.81 -26.26	60.90 6.13 -0.01	53.76 4.81 0.00	41.48 3.93 0.00	34.74 3.48 -1.29
CANDIGU_WT_PWR 323617	29.11 0.50 0.00	23.20 0.14 0.00	20.50 0.11 0.00	20.41 0.00 0.00	23.37 0.11 0.00	23.31 0.27 0.00	25.63 0.57 0.00	25.38 0.42 0.00	31.32 0.84 0.00	29.97 1.01 -0.02	30.21 0.72 -0.58	28.79 0.47 -0.51	29.08 0.24 0.00	31.21 0.39 0.00	39.10 0.12 0.00	50.94 0.32 -0.10	56.81 -0.17 0.00	31.84 -0.13 -0.43	30.32 -0.44 -0.34	38.45 -0.57 -0.17	54.30 -0.47 0.00	48.14 -0.81 0.00	37.04 -0.51 0.00	29.83 -0.15 0.00
CARR STREET_E_SYR 24060	28.48 -0.13 0.00	22.87 -0.18 0.00	20.20 -0.19 0.00	20.19 -0.22 0.00	23.02 -0.23 0.00	22.87 -0.17 0.00	24.96 -0.10 0.00	24.81 -0.15 0.00	30.37 -0.11 0.00	28.86 -0.10 -0.03	29.39 -0.18 -0.67	28.22 -0.18 -0.58	28.56 -0.27 0.00	30.52 -0.30 0.00	38.53 -0.45 0.00	50.08 -0.55 -0.11	56.26 -0.72 0.00	31.36 -0.36 -0.19	30.00 -0.43 -0.01	38.25 -0.59 0.00	53.97 -0.80 0.00	48.06 -0.88 0.00	36.83 -0.72 0.00	29.50 -0.48 0.00
CARTHAGE___PAPER 23857	28.11 -0.49 0.00	22.88 -0.18 0.00	20.33 -0.06 0.00	20.40 -0.01 0.00	23.35 0.10 0.00	23.14 0.10 0.00	25.29 0.24 0.00	25.19 0.23 0.00	30.56 0.08 0.00	28.85 -0.10 -0.01	29.03 -0.24 -0.36	27.77 -0.36 -0.31	28.44 -0.40 0.00	30.34 -0.48 0.00	38.62 -0.36 0.00	50.07 -0.50 -0.06	56.83 -0.15 0.00	31.87 0.23 -0.10	30.75 0.33 -0.01	39.51 0.66 0.00	56.12 1.35 0.00	50.04 1.10 0.00	38.14 0.59 0.00	30.25 0.27 0.00

CASSADAGA_WT_PWR 323784	29.52 0.91 0.00	23.42 0.37 0.00	20.71 0.32 0.00	20.56 0.15 0.00	23.55 0.30 0.00	23.55 0.51 0.00	25.94 0.88 0.00	25.63 0.67 0.00	31.92 1.43 0.00	30.69 1.73 -0.03	30.98 1.43 -0.65	29.49 1.11 -0.56	29.70 0.86 0.00	31.90 1.07 0.00	39.76 0.78 0.00	51.73 1.10 -0.11	57.11 0.12 0.00	31.68 -0.21 -0.35	30.07 -0.61 -0.27	38.40 -0.58 -0.13	54.65 -0.12 0.00	48.44 -0.51 0.00	37.13 -0.42 0.00	29.96 -0.02 0.00
CE_DUNWOOD___DRP 24194	30.37 1.76 0.00	24.43 1.37 0.00	21.48 1.09 0.00	21.48 1.08 0.00	24.38 1.13 0.00	24.14 1.10 0.00	26.40 1.34 0.00	26.48 1.52 0.00	32.29 1.81 0.00	31.01 1.95 -0.13	31.14 1.98 -0.26	31.24 1.90 -1.52	31.16 2.06 -0.27	33.39 2.27 -0.30	42.65 3.01 -0.67	55.41 4.12 -0.77	62.17 5.09 -0.11	36.64 2.98 -2.12	34.66 2.65 -1.59	42.61 2.97 -0.79	58.70 3.93 0.00	52.17 3.23 0.00	39.93 2.39 0.00	31.90 1.92 0.00
CE_MILLWOOD___DRP 24193	30.29 1.68 0.00	24.37 1.31 0.00	21.44 1.04 0.00	21.44 1.03 0.00	24.33 1.08 0.00	24.09 1.05 0.00	26.33 1.27 0.00	26.42 1.46 0.00	32.21 1.73 0.00	30.92 1.87 -0.13	31.05 1.89 -0.25	31.19 1.82 -1.55	31.07 1.97 -0.26	33.30 2.17 -0.30	42.53 2.89 -0.67	55.23 3.95 -0.77	62.00 4.91 -0.11	36.53 2.89 -2.11	34.56 2.56 -1.58	42.50 2.87 -0.79	58.56 3.79 0.00	52.06 3.12 0.00	39.85 2.30 0.00	31.82 1.84 0.00
CE_NYC2_DRP 24202	30.58 1.98 0.00	24.60 1.55 0.00	21.63 1.23 0.00	21.61 1.20 0.00	24.52 1.27 0.00	24.29 1.25 0.00	26.61 1.56 0.00	26.72 1.76 0.00	32.56 2.07 0.00	31.28 2.22 -0.13	31.36 2.20 -0.26	31.43 2.14 -1.48	31.41 2.30 -0.27	33.64 2.51 -0.30	42.98 3.34 -0.66	55.86 4.57 -0.78	62.70 5.61 -0.11	36.92 3.26 -2.12	34.88 2.87 -1.60	42.85 3.21 -0.79	59.02 4.25 0.00	52.47 3.52 0.00	40.20 2.65 0.00	32.15 2.16 0.00
CE_NYC_DRP 24195	30.57 1.96 0.00	24.59 1.53 0.00	21.61 1.21 0.00	21.58 1.17 0.00	24.49 1.24 0.00	24.26 1.22 0.00	26.56 1.51 0.00	26.67 1.71 0.00	32.50 2.02 0.00	31.25 2.19 -0.13	31.37 2.22 -0.26	31.44 2.15 -1.48	31.41 2.30 -0.27	33.66 2.53 -0.30	43.02 3.38 -0.66	55.93 4.63 -0.78	62.73 5.64 -0.11	36.94 3.28 -2.12	34.91 2.89 -1.60	42.87 3.23 -0.79	59.06 4.30 0.00	52.49 3.55 0.00	40.21 2.66 0.00	32.11 2.13 0.00
CHAFFEE___LFGE 323603	28.90 0.29 0.00	22.98 -0.08 0.00	20.30 -0.09 0.00	20.14 -0.27 0.00	23.05 -0.20 0.00	23.04 0.00 0.00	25.34 0.29 0.00	24.94 -0.02 0.00	31.00 0.52 0.00	29.76 0.81 -0.03	30.04 0.49 -0.65	28.70 0.32 -0.56	28.91 0.07 0.00	30.95 0.12 0.00	38.46 -0.51 0.00	50.00 -0.63 -0.11	55.31 -1.67 0.00	30.85 -1.04 -0.35	29.46 -1.22 -0.26	37.59 -1.39 -0.13	53.36 -1.41 0.00	47.23 -1.72 0.00	36.43 -1.12 0.00	29.66 -0.32 0.00
CHATEAUG_35_KV_LOAD 355732	28.17 -0.44 0.00	22.72 -0.33 0.00	20.18 -0.21 0.00	20.26 -0.15 0.00	23.27 0.02 0.00	23.14 0.09 0.00	25.06 0.00 0.00	25.00 0.04 0.00	30.33 -0.15 0.00	28.35 -0.58 0.00	28.24 -0.66 0.00	27.65 -0.17 0.00	28.85 0.01 0.00	30.85 0.03 0.00	39.27 0.29 0.00	50.92 0.40 0.00	57.26 0.28 0.00	31.45 -0.08 0.00	30.53 0.10 0.00	39.30 0.45 0.00	55.96 1.19 0.00	50.19 1.24 0.00	38.53 0.99 0.00	30.67 0.69 0.00
CHATEAUG_WT_PWR 323614	28.16 -0.45 0.00	22.71 -0.34 0.00	20.15 -0.24 0.00	20.25 -0.16 0.00	23.24 -0.01 0.00	23.14 0.10 0.00	25.07 0.01 0.00	25.00 0.04 0.00	30.35 -0.13 0.00	28.37 -0.56 0.00	28.25 -0.65 0.00	27.67 -0.14 0.00	28.90 0.06 0.00	30.93 0.10 0.00	39.33 0.35 0.00	51.00 0.49 0.00	57.41 0.43 0.00	31.50 -0.04 0.00	30.55 0.13 0.00	39.30 0.45 0.00	55.95 1.18 0.00	50.14 1.20 0.00	38.49 0.94 0.00	30.66 0.68 0.00
CHAT_HIGH_FALL_HYD 323578	28.17 -0.43 0.00	22.72 -0.33 0.00	20.18 -0.21 0.00	20.26 -0.15 0.00	23.26 0.01 0.00	23.14 0.09 0.00	25.06 0.00 0.00	25.00 0.04 0.00	30.33 -0.15 0.00	28.35 -0.58 0.00	28.24 -0.66 0.00	27.65 -0.17 0.00	28.85 0.01 0.00	30.85 0.03 0.00	39.27 0.29 0.00	50.92 0.40 0.00	57.27 0.28 0.00	31.46 -0.08 0.00	30.53 0.10 0.00	39.30 0.45 0.00	55.96 1.19 0.00	50.19 1.24 0.00	38.53 0.99 0.00	30.67 0.69 0.00
CHAUTAUQUA___LFGE 323629	29.30 0.69 0.00	23.25 0.19 0.00	20.56 0.17 0.00	20.41 0.00 0.00	23.39 0.14 0.00	23.38 0.34 0.00	25.74 0.68 0.00	25.41 0.45 0.00	31.59 1.11 0.00	30.36 1.40 -0.03	30.63 1.07 -0.65	29.15 0.77 -0.56	29.36 0.52 0.00	31.53 0.71 0.00	39.28 0.30 0.00	51.12 0.49 -0.11	56.50 -0.49 0.00	31.43 -0.45 -0.34	29.90 -0.78 -0.26	38.16 -0.82 -0.13	54.19 -0.58 0.00	48.05 -0.90 0.00	36.90 -0.65 0.00	29.84 -0.14 0.00
CHERRYST_13_KV_LD 356241	30.68 2.07 0.00	24.66 1.61 0.00	21.67 1.28 0.00	21.66 1.25 0.00	24.57 1.32 0.00	24.35 1.31 0.00	26.67 1.61 0.00	26.79 1.83 0.00	32.66 2.17 0.00	31.41 2.35 -0.13	31.53 2.37 -0.26	31.60 2.31 -1.48	31.57 2.46 -0.27	33.83 2.70 -0.30	43.24 3.60 -0.66	56.20 4.90 -0.78	63.04 5.96 -0.11	37.12 3.46 -2.12	35.06 3.05 -1.60	43.04 4.52 -0.79	59.29 4.52 0.00	52.69 3.74 0.00	40.36 2.81 0.00	32.22 2.24 0.00
CHESTROR_138KV_BK263 355645	29.97 1.36 0.00	24.10 1.05 0.00	21.21 0.82 0.00	21.22 0.81 0.00	24.11 0.85 0.00	23.86 0.82 0.00	26.07 1.01 0.00	26.13 1.17 0.00	31.88 1.40 0.00	30.54 1.50 -0.11	30.68 1.55 -0.23	29.28 1.47 0.02	30.65 1.60 -0.22	32.83 1.76 -0.25	41.70 2.33 -0.40	54.38 3.23 -0.64	61.13 4.07 -0.09	35.90 2.43 -1.93	34.02 2.15 -1.45	41.96 2.40 -0.72	57.94 3.18 0.00	51.56 2.62 0.00	39.45 1.90 0.00	31.48 1.50 0.00
CH_MIDHUDSON___DRP 24192	30.25 1.64 0.00	24.35 1.30 0.00	21.42 1.02 0.00	21.44 1.03 0.00	24.33 1.08 0.00	24.09 1.05 0.00	26.30 1.24 0.00	26.38 1.42 0.00	32.16 1.68 0.00	30.74 1.72 -0.09	30.85 1.75 -0.20	30.17 1.68 -0.68	30.85 1.83 -0.18	33.04 2.02 -0.20	42.07 2.70 -0.40	54.72 3.68 -0.52	61.79 4.74 -0.07	36.52 2.81 -2.17	34.61 2.55 -1.65	42.58 2.92 -0.82	58.62 3.85 0.00	52.11 3.16 0.00	39.86 2.31 0.00	31.81 1.83 0.00
CH_MISC_IPPS 23765	30.43 1.82 0.00	24.48 1.42 0.00	21.53 1.13 0.00	21.53 1.13 0.00	24.44 1.19 0.00	24.21 1.17 0.00	26.45 1.40 0.00	26.54 1.59 0.00	32.38 1.90 0.00	31.05 2.02 -0.10	31.19 2.08 -0.21	30.38 2.00 -0.57	31.19 2.15 -0.20	33.44 2.39 -0.23	42.58 3.17 -0.43	55.47 4.37 -0.58	62.38 5.32 -0.08	36.79 3.13 -2.13	34.86 2.83 -1.61	42.90 3.26 -0.80	59.11 4.34 0.00	52.52 3.57 0.00	40.16 2.61 0.00	32.03 2.05 0.00
CH_RES_BVR_FALLS 23983	28.32 -0.28 0.00	22.86 -0.20 0.00	20.25 -0.14 0.00	20.28 -0.13 0.00	23.15 -0.10 0.00	22.91 -0.13 0.00	24.85 -0.20 0.00	24.75 -0.20 0.00	30.20 -0.29 0.00	28.53 -0.40 0.00	28.58 -0.32 0.00	27.57 -0.25 0.00	28.55 -0.29 0.00	30.50 -0.33 0.00	38.56 -0.42 0.00	49.94 -0.58 0.00	56.24 -0.74 0.00	31.04 -0.49 0.00	30.01 -0.41 0.00	38.43 -0.42 0.00	54.30 -0.46 0.00	48.67 -0.28 0.00	37.38 -0.17 0.00	29.81 -0.17 0.00

CH_RES_NIAGARA 23895	27.88 -0.73 0.00	22.23 -0.82 0.00	19.63 -0.77 0.00	19.46 -0.95 0.00	22.27 -0.98 0.00	22.25 -0.79 0.00	24.42 -0.64 0.00	23.88 -1.08 0.00	29.69 -0.79 0.00	28.56 -0.40 -0.03	28.82 -0.76 -0.68	27.54 -0.86 -0.59	27.73 -1.11 0.00	29.55 -1.28 0.00	36.37 -2.61 0.00	47.20 -3.42 -0.09	52.17 -4.79 0.03	29.02 -2.80 -0.28	27.76 -2.86 -0.20	35.49 -3.47 -0.11	50.46 -4.30 0.01	44.60 -4.32 0.03	34.66 -2.89 0.00	28.59 -1.39 0.00
CH_RES_SYRACUSE 23985	28.67 0.06 0.00	23.02 -0.03 0.00	20.33 -0.06 0.00	20.32 -0.09 0.00	23.19 -0.06 0.00	23.01 -0.03 0.00	25.18 0.13 0.00	25.02 0.06 0.00	30.61 0.13 0.00	29.13 0.17 -0.03	29.68 0.10 -0.68	28.46 0.06 -0.59	28.85 0.01 0.00	30.86 0.04 0.00	38.97 -0.01 0.00	50.66 0.03 -0.11	56.95 -0.03 0.00	31.78 0.03 -0.21	30.51 -0.05 -0.14	38.80 -0.12 -0.07	54.64 -0.13 0.00	48.66 -0.29 0.00	37.29 -0.27 0.00	29.83 -0.15 0.00
CLINTON_WT_PWR 323605	28.16 -0.45 0.00	22.71 -0.34 0.00	20.15 -0.24 0.00	20.25 -0.16 0.00	23.24 -0.01 0.00	23.14 0.10 0.00	25.07 0.01 0.00	25.00 0.04 0.00	30.35 -0.13 0.00	28.37 -0.56 0.00	28.25 -0.65 0.00	27.67 -0.14 0.00	28.90 0.06 0.00	30.93 0.10 0.00	39.33 0.35 0.00	51.00 0.49 0.00	57.41 0.43 0.00	31.50 -0.04 0.00	30.55 0.13 0.00	39.30 0.45 0.00	55.95 1.18 0.00	50.14 1.20 0.00	38.49 0.94 0.00	30.66 0.68 0.00
CLINTON___LFGE 323618	28.38 -0.23 0.00	22.87 -0.18 0.00	20.29 -0.10 0.00	20.38 -0.03 0.00	23.39 0.14 0.00	23.32 0.28 0.00	25.27 0.21 0.00	25.22 0.26 0.00	30.51 0.02 0.00	28.50 -0.43 0.00	28.37 -0.53 0.00	27.85 0.03 0.00	29.11 0.27 0.00	31.12 0.30 0.00	39.74 0.76 0.00	51.46 0.94 0.00	57.92 0.94 0.00	31.77 0.24 0.00	30.82 0.40 0.00	39.67 0.83 0.00	56.57 1.80 0.00	50.65 1.71 0.00	38.85 1.30 0.00	30.93 0.94 0.00
COBBLENY_34_KV_TB1 80064	28.90 0.29 0.00	22.98 -0.08 0.00	20.30 -0.09 0.00	20.14 -0.27 0.00	23.04 -0.21 0.00	23.04 0.00 0.00	25.34 0.29 0.00	24.94 -0.02 0.00	30.98 0.49 0.00	29.77 0.82 -0.03	30.06 0.51 -0.65	28.69 0.31 -0.56	28.91 0.07 0.00	30.95 0.13 0.00	38.47 -0.50 0.00	50.00 -0.63 -0.11	55.32 -1.67 0.00	30.85 -1.04 -0.35	29.47 -1.22 -0.26	37.59 -1.39 -0.13	53.35 -1.42 0.00	47.23 -1.72 0.00	36.43 -1.12 0.00	29.66 -0.32 0.00
COFFEEN___115KV_TB3 355620	28.37 -0.24 0.00	23.06 0.00 0.00	20.46 0.07 0.00	20.51 0.10 0.00	23.48 0.23 0.00	23.30 0.25 0.00	25.52 0.46 0.00	25.40 0.44 0.00	30.77 0.29 0.00	29.02 0.07 -0.02	29.25 -0.08 -0.42	27.93 -0.25 -0.37	28.50 -0.34 0.00	30.41 -0.42 0.00	38.72 -0.26 0.00	50.17 -0.42 -0.07	57.10 0.12 0.00	32.20 0.55 -0.11	30.95 0.52 -0.01	39.82 0.97 0.00	56.74 1.97 0.00	50.54 1.60 0.00	38.49 0.94 0.00	30.52 0.53 0.00
COLDSPRG_115KV_BK1 355956	29.76 1.15 0.00	23.59 0.53 0.00	20.86 0.46 0.00	20.72 0.30 0.00	23.74 0.49 0.00	23.73 0.69 0.00	26.15 1.10 0.00	25.89 0.93 0.00	32.21 1.73 0.00	30.98 2.02 -0.02	31.23 1.69 -0.64	29.65 1.28 -0.56	29.83 0.99 0.00	32.02 1.19 0.00	39.95 0.98 0.00	51.98 1.35 -0.11	57.53 0.54 0.00	32.01 0.10 -0.36	30.41 -0.29 -0.28	38.78 -0.20 -0.14	55.11 0.34 0.00	48.89 -0.06 0.00	37.47 -0.07 0.00	30.29 0.31 0.00
COLONIE_LFGE___ 323577	29.64 1.03 0.00	23.95 0.90 0.00	21.12 0.73 0.00	21.22 0.81 0.00	24.12 0.87 0.00	23.83 0.79 0.00	25.91 0.86 0.00	25.82 0.87 0.00	31.51 1.03 0.00	29.72 0.99 0.19	29.66 0.96 0.20	27.91 0.89 0.79	29.50 1.07 0.41	31.44 1.09 0.47	39.60 1.49 0.87	51.16 1.80 1.16	59.40 2.58 0.16	35.90 1.59 -2.77	36.35 1.62 -4.31	43.15 2.06 -2.25	57.49 2.73 0.00	51.21 2.27 0.00	39.21 1.66 0.00	31.22 1.24 0.00
COOPERNY_115KV_TB1 80082	29.62 1.01 0.00	23.82 0.77 0.00	20.99 0.60 0.00	21.00 0.59 0.00	23.86 0.61 0.00	23.64 0.60 0.00	25.81 0.75 0.00	25.84 0.88 0.00	31.54 1.06 0.00	30.15 1.15 -0.07	30.34 1.25 -0.19	29.17 1.19 -0.17	30.25 1.29 -0.12	32.38 1.42 -0.14	41.00 1.78 -0.24	53.34 2.44 -0.38	60.06 3.03 -0.05	34.80 1.82 -1.44	33.12 1.61 -1.09	41.16 1.77 -0.54	57.12 2.35 0.00	50.87 1.93 0.00	38.95 1.40 0.00	31.08 1.10 0.00
COPENHAGEN_WT_PWR 323753	28.01 -0.60 0.00	22.84 -0.22 0.00	20.29 -0.10 0.00	20.34 -0.07 0.00	23.29 0.04 0.00	23.09 0.05 0.00	25.25 0.20 0.00	25.15 0.18 0.00	30.52 0.04 0.00	28.81 -0.14 -0.02	29.06 -0.28 -0.44	27.76 -0.43 -0.38	28.32 -0.52 0.00	30.21 -0.61 0.00	38.43 -0.54 0.00	49.89 -0.70 -0.07	56.68 -0.30 0.00	31.86 0.21 -0.11	30.64 0.21 -0.01	39.35 0.50 0.00	55.93 1.16 0.00	49.84 0.89 0.00	38.01 0.46 0.00	30.17 0.19 0.00
CORNELL___ 23752	29.36 0.75 0.00	23.53 0.47 0.00	20.77 0.38 0.00	20.75 0.34 0.00	23.68 0.42 0.00	23.54 0.50 0.00	25.81 0.75 0.00	25.68 0.72 0.00	31.43 0.95 0.00	29.87 0.92 -0.02	30.22 0.77 -0.54	28.94 0.65 -0.47	29.42 0.58 0.00	31.53 0.71 0.00	39.82 0.85 0.00	51.83 1.22 -0.09	58.38 1.40 0.00	32.92 0.95 -0.44	31.62 0.84 -0.36	40.09 1.06 -0.18	56.32 1.55 0.00	50.08 1.13 0.00	38.30 0.75 0.00	30.61 0.63 0.00
CORONA_AAV_69_KV_TB1 355595	32.17 2.57 -0.99	26.86 2.00 -1.81	22.90 1.64 -0.87	22.02 1.61 0.00	24.97 1.72 0.00	24.67 1.63 0.00	26.97 1.92 0.00	27.04 2.08 0.00	33.02 2.54 0.00	31.63 2.56 -0.13	31.73 2.57 -0.26	33.70 2.55 -3.34	33.50 2.71 -1.95	34.75 2.93 -1.00	43.40 3.76 -0.66	56.40 5.11 -0.78	66.39 6.33 -3.08	64.73 3.63 -29.56	72.26 3.35 -38.49	43.54 3.89 -0.79	59.79 5.02 0.00	53.12 4.18 0.00	40.79 3.25 0.00	34.01 2.75 -1.28
CORTLAND_115KV_TB3 80093	29.08 0.47 0.00	23.31 0.26 0.00	20.60 0.21 0.00	20.58 0.17 0.00	23.48 0.22 0.00	23.34 0.30 0.00	25.53 0.48 0.00	25.42 0.46 0.00	31.13 0.65 0.00	29.61 0.66 -0.02	29.99 0.55 -0.54	28.72 0.43 -0.47	29.21 0.37 0.00	31.31 0.49 0.00	39.56 0.59 0.00	51.43 0.82 -0.09	57.87 0.89 0.00	32.51 0.62 -0.36	31.21 0.51 -0.27	39.61 0.63 -0.14	55.69 0.92 0.00	49.57 0.63 0.00	37.94 0.39 0.00	30.30 0.33 0.00
COXSACKIE___GT 23611	30.45 1.84 0.00	24.56 1.51 0.00	21.64 1.24 0.00	21.74 1.33 0.00	24.71 1.46 0.00	24.46 1.42 0.00	26.68 1.63 0.00	26.61 1.65 0.00	32.41 1.93 0.00	30.35 1.48 0.06	30.23 1.35 0.02	29.06 1.40 0.16	30.37 1.68 0.14	32.59 1.92 0.16	41.33 2.64 0.29	53.62 3.49 0.39	61.13 4.21 0.06	36.68 2.59 -2.55	36.01 2.89 -2.70	44.07 3.84 -1.38	60.03 5.26 0.00	53.26 4.31 0.00	40.60 3.05 0.00	32.26 2.28 0.00
CPV_VALLEY___CC1 323721	29.72 1.11 0.00	23.91 0.86 0.00	21.05 0.66 0.00	21.07 0.66 0.00	23.92 0.67 0.00	23.69 0.65 0.00	25.88 0.82 0.00	25.93 0.97 0.00	31.63 1.15 0.00	30.29 1.26 -0.09	30.42 1.31 -0.21	29.22 1.24 -0.16	30.38 1.35 -0.19	32.54 1.50 -0.21	41.34 2.00 -0.36	53.83 2.76 -0.55	60.56 3.50 -0.07	35.38 2.09 -1.75	33.58 1.84 -1.32	41.52 2.02 -0.66	57.43 2.66 0.00	51.11 2.16 0.00	39.11 1.56 0.00	31.22 1.24 0.00

CPV_VALLEY___CC2 323722	29.72 1.11 0.00	23.91 0.86 0.00	21.05 0.66 0.00	21.07 0.66 0.00	23.92 0.67 0.00	23.69 0.65 0.00	25.88 0.82 0.00	25.93 0.97 0.00	31.63 1.15 0.00	30.29 1.26 -0.09	30.42 1.31 -0.21	29.22 1.24 -0.16	30.38 1.35 -0.19	32.54 1.50 -0.21	41.34 2.00 -0.36	53.83 2.76 -0.55	60.56 3.50 -0.07	35.38 2.09 -1.75	33.58 1.84 -1.32	41.52 2.02 -0.66	57.43 2.66 0.00	51.11 2.16 0.00	39.11 1.56 0.00	31.22 1.24 0.00
CRESCENT___HYD 24018	29.64 1.03 0.00	23.95 0.90 0.00	21.12 0.73 0.00	21.22 0.81 0.00	24.12 0.87 0.00	23.83 0.79 0.00	25.91 0.86 0.00	25.82 0.87 0.00	31.51 1.03 0.00	29.72 0.99 0.19	29.66 0.96 0.20	27.91 0.89 0.79	29.50 1.07 0.41	31.44 1.09 0.47	39.60 1.49 0.87	51.16 1.80 1.16	59.40 2.58 0.16	35.90 1.59 -2.77	36.35 1.62 -4.31	43.15 2.06 -2.25	57.49 2.73 0.00	51.21 2.27 0.00	39.21 1.66 0.00	31.22 1.24 0.00
CRICKET___VALLEY_CC1 323756	29.82 1.22 0.00	24.07 1.01 0.00	21.17 0.78 0.00	21.21 0.80 0.00	24.06 0.81 0.00	23.80 0.75 0.00	25.90 0.85 0.00	25.98 1.02 0.00	31.63 1.14 0.00	28.21 1.23 1.95	27.56 1.25 2.60	19.23 1.19 9.78	26.10 1.34 4.08	27.65 1.46 4.64	32.19 1.98 8.77	41.62 2.69 11.59	58.90 3.55 1.63	35.97 2.16 -2.27	34.14 1.97 -1.75	41.96 2.24 -0.87	57.66 2.89 0.00	51.28 2.34 0.00	39.24 1.70 0.00	31.33 1.35 0.00
CRICKET___VALLEY_CC2 323757	29.82 1.22 0.00	24.07 1.01 0.00	21.17 0.78 0.00	21.21 0.80 0.00	24.06 0.81 0.00	23.80 0.75 0.00	25.90 0.85 0.00	25.98 1.02 0.00	31.63 1.14 0.00	28.21 1.23 1.95	27.56 1.25 2.60	19.23 1.19 9.78	26.10 1.34 4.08	27.65 1.46 4.64	32.19 1.98 8.77	41.62 2.69 11.59	58.90 3.55 1.63	35.97 2.16 -2.27	34.14 1.97 -1.75	41.96 2.24 -0.87	57.66 2.89 0.00	51.28 2.34 0.00	39.24 1.70 0.00	31.33 1.35 0.00
CRICKET___VALLEY_CC3 323758	29.82 1.22 0.00	24.07 1.01 0.00	21.17 0.78 0.00	21.21 0.80 0.00	24.06 0.81 0.00	23.80 0.75 0.00	25.90 0.85 0.00	25.98 1.02 0.00	31.63 1.14 0.00	28.21 1.23 1.95	27.56 1.25 2.60	19.23 1.19 9.78	26.10 1.34 4.08	27.65 1.46 4.64	32.19 1.98 8.77	41.62 2.69 11.59	58.90 3.55 1.63	35.97 2.16 -2.27	34.14 1.97 -1.75	41.96 2.24 -0.87	57.66 2.89 0.00	51.28 2.34 0.00	39.24 1.70 0.00	31.33 1.35 0.00
CRUCIBLE_METL_DRP 24180	28.66 0.06 0.00	23.02 -0.03 0.00	20.33 -0.06 0.00	20.32 -0.09 0.00	23.18 -0.07 0.00	23.01 -0.03 0.00	25.18 0.13 0.00	25.02 0.06 0.00	30.60 0.12 0.00	29.13 0.17 -0.03	29.68 0.10 -0.68	28.46 0.06 -0.59	28.85 0.01 0.00	30.86 0.04 0.00	38.96 -0.01 0.00	50.66 0.03 -0.11	56.95 -0.03 0.00	31.78 0.03 -0.21	30.51 -0.05 -0.14	38.80 -0.11 -0.07	54.64 -0.13 0.00	48.66 -0.29 0.00	37.28 -0.27 0.00	29.83 -0.15 0.00
DAHOWA___HYDRO 323763	30.00 1.39 0.00	24.16 1.10 0.00	21.30 0.91 0.00	21.39 0.98 0.00	24.37 1.12 0.00	24.08 1.04 0.00	26.15 1.09 0.00	26.11 1.15 0.00	31.82 1.33 0.00	30.10 1.33 0.16	30.04 1.29 0.16	28.44 1.26 0.63	29.93 1.43 0.35	31.85 1.42 0.39	40.27 2.01 0.72	52.13 2.58 0.97	60.39 3.54 0.14	36.44 2.09 -2.82	37.48 2.32 -4.74	44.30 2.97 -2.48	58.75 3.98 0.00	52.25 3.30 0.00	39.90 2.35 0.00	31.68 1.70 0.00
DANC___LFGE 323619	28.03 -0.58 0.00	22.76 -0.30 0.00	20.15 -0.24 0.00	20.18 -0.23 0.00	23.09 -0.16 0.00	22.88 -0.15 0.00	24.99 -0.07 0.00	24.89 -0.07 0.00	30.29 -0.20 0.00	28.69 -0.26 -0.02	29.04 -0.39 -0.53	27.79 -0.49 -0.46	28.26 -0.58 0.00	30.16 -0.67 0.00	38.26 -0.71 0.00	49.67 -0.94 -0.09	56.24 -0.74 0.00	31.52 -0.15 -0.13	30.27 -0.16 -0.01	38.78 -0.07 0.00	54.98 0.21 0.00	49.02 0.07 0.00	37.46 -0.09 0.00	29.82 -0.16 0.00
DANSKAMMER___1 23586	30.43 1.82 0.00	24.48 1.42 0.00	21.53 1.13 0.00	21.53 1.13 0.00	24.44 1.19 0.00	24.21 1.17 0.00	26.45 1.40 0.00	26.54 1.59 0.00	32.38 1.90 0.00	31.05 2.02 -0.10	31.19 2.08 -0.21	30.38 2.00 -0.57	31.19 2.15 -0.20	33.44 2.39 -0.23	42.58 3.17 -0.43	55.47 4.37 -0.58	62.38 5.32 -0.08	36.79 3.13 -2.13	34.86 2.83 -1.61	42.90 3.26 -0.80	59.11 4.34 0.00	52.52 3.57 0.00	40.16 2.61 0.00	32.03 2.05 0.00
DANSKAMMER___2 23589	30.43 1.82 0.00	24.48 1.42 0.00	21.53 1.13 0.00	21.53 1.13 0.00	24.44 1.19 0.00	24.21 1.17 0.00	26.45 1.40 0.00	26.54 1.59 0.00	32.38 1.90 0.00	31.05 2.02 -0.10	31.19 2.08 -0.21	30.38 2.00 -0.57	31.19 2.15 -0.20	33.44 2.39 -0.23	42.58 3.17 -0.43	55.47 4.37 -0.58	62.38 5.32 -0.08	36.79 3.13 -2.13	34.86 2.83 -1.61	42.90 3.26 -0.80	59.11 4.34 0.00	52.52 3.57 0.00	40.16 2.61 0.00	32.03 2.05 0.00
DANSKAMMER___3 23590	30.43 1.82 0.00	24.48 1.42 0.00	21.53 1.13 0.00	21.53 1.13 0.00	24.44 1.19 0.00	24.21 1.17 0.00	26.45 1.40 0.00	26.54 1.59 0.00	32.38 1.90 0.00	31.05 2.02 -0.10	31.19 2.08 -0.21	30.38 2.00 -0.57	31.19 2.15 -0.20	33.44 2.39 -0.23	42.58 3.17 -0.43	55.47 4.37 -0.58	62.38 5.32 -0.08	36.79 3.13 -2.13	34.86 2.83 -1.61	42.90 3.26 -0.80	59.11 4.34 0.00	52.52 3.57 0.00	40.16 2.61 0.00	32.03 2.05 0.00
DANSKAMMER___4 23591	30.43 1.82 0.00	24.48 1.42 0.00	21.53 1.13 0.00	21.53 1.13 0.00	24.44 1.19 0.00	24.21 1.17 0.00	26.45 1.40 0.00	26.54 1.59 0.00	32.38 1.90 0.00	31.05 2.02 -0.10	31.19 2.08 -0.21	30.38 2.00 -0.57	31.19 2.15 -0.20	33.44 2.39 -0.23	42.58 3.17 -0.43	55.47 4.37 -0.58	62.38 5.32 -0.08	36.79 3.13 -2.13	34.86 2.83 -1.61	42.90 3.26 -0.80	59.11 4.34 0.00	52.52 3.57 0.00	40.16 2.61 0.00	32.03 2.05 0.00
DANSKAMMER___DIESEL 23592	30.43 1.82 0.00	24.47 1.42 0.00	21.53 1.13 0.00	21.53 1.12 0.00	24.44 1.19 0.00	24.21 1.17 0.00	26.45 1.40 0.00	26.54 1.58 0.00	32.39 1.91 0.00	31.05 2.02 -0.10	31.19 2.07 -0.21	30.39 2.00 -0.57	31.19 2.15 -0.20	33.44 2.39 -0.23	42.58 3.17 -0.43	55.47 4.38 -0.58	62.38 5.32 -0.08	36.79 3.13 -2.13	34.86 2.83 -1.61	42.90 3.26 -0.80	59.11 4.34 0.00	52.52 3.57 0.00	40.16 2.61 0.00	32.03 2.05 0.00
DARBY___SOLAR 323810	29.94 1.33 0.00	24.12 1.07 0.00	21.27 0.88 0.00	21.36 0.95 0.00	24.32 1.07 0.00	24.03 0.99 0.00	26.10 1.05 0.00	26.04 1.09 0.00	31.74 1.25 0.00	30.01 1.25 0.17	29.95 1.21 0.16	28.31 1.16 0.66	29.82 1.33 0.35	31.74 1.32 0.40	40.12 1.89 0.75	51.94 2.42 1.00	60.16 3.32 0.14	36.32 1.97 -2.81	37.27 2.16 -4.69	44.06 2.76 -2.45	58.46 3.69 0.00	52.00 3.06 0.00	39.74 2.19 0.00	31.58 1.60 0.00
DASHVILLE___HYD 23610	30.08 1.47 0.00	24.17 1.11 0.00	21.25 0.86 0.00	21.24 0.84 0.00	24.10 0.85 0.00	23.88 0.84 0.00	26.13 1.08 0.00	26.34 1.38 0.00	32.12 1.63 0.00	30.77 1.79 -0.05	30.89 1.85 -0.14	29.94 1.83 -0.29	30.85 1.92 -0.09	33.07 2.15 -0.10	42.04 2.87 -0.19	54.69 3.90 -0.27	61.83 4.81 -0.04	36.57 2.83 -2.20	34.78 2.51 -1.85	42.61 2.83 -0.93	58.53 3.76 0.00	52.02 3.07 0.00	39.82 2.27 0.00	31.77 1.79 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	33.87 4.26 -1.00	28.29 3.42 -1.82	24.14 2.88 -0.87	23.21 2.80 0.00	26.39 3.13 0.00	26.00 2.96 0.00	28.29 3.24 0.00	28.37 3.42 0.00	34.90 4.42 0.00	33.62 4.56 -0.13	33.77 4.49 -0.38	44.37 4.27 -12.28	35.36 4.52 -2.00	36.97 4.89 -1.26	46.11 6.13 -1.02	59.48 8.19 -0.78	216.89 9.87 -150.04	315.78 5.54 -278.70	151.14 5.15 -115.57	71.24 6.18 -26.21	62.74 7.96 -0.01	55.22 6.27 0.00	42.70 5.15 0.00	35.68 4.42 -1.28
DELAWARE___LFGE 323621	29.56 0.95 0.00	23.76 0.70 0.00	20.97 0.57 0.00	20.96 0.55 0.00	23.86 0.61 0.00	23.68 0.64 0.00	25.86 0.80 0.00	25.82 0.86 0.00	31.56 1.08 0.00	30.06 1.12 -0.01	30.17 1.04 -0.22	28.95 0.95 -0.19	29.82 0.98 0.00	31.91 1.09 0.00	40.42 1.44 0.00	52.47 1.92 -0.04	59.20 2.22 0.00	33.66 1.35 -0.77	32.75 1.23 -1.09	40.86 1.44 -0.57	56.72 1.95 0.00	50.57 1.63 0.00	38.76 1.21 0.00	30.94 0.96 0.00
DERFIELD_115KV_TB7 355931	28.62 0.01 0.00	23.07 0.02 0.00	20.39 0.00 0.00	20.41 0.00 0.00	23.25 0.00 0.00	23.04 0.00 0.00	25.08 0.02 0.00	24.98 0.03 0.00	30.52 0.04 0.00	28.99 0.06 0.00	28.94 0.04 0.00	27.84 0.03 0.00	28.87 0.03 0.00	30.86 0.04 0.00	39.05 0.07 0.00	50.62 0.10 0.00	57.16 0.17 0.00	31.70 0.16 0.00	30.54 0.12 0.00	38.97 0.12 0.00	54.92 0.14 0.00	49.00 0.05 0.00	37.59 0.04 0.00	30.00 0.02 0.00
DOGLEVILLE___HYD 23807	28.64 0.03 0.00	22.93 -0.12 0.00	20.21 -0.18 0.00	20.25 -0.15 0.00	23.03 -0.23 0.00	22.82 -0.23 0.00	25.03 -0.03 0.00	25.01 0.05 0.00	30.46 -0.02 0.00	28.86 -0.07 0.00	28.76 -0.14 0.00	27.52 -0.30 0.00	28.63 -0.22 0.00	30.76 -0.06 0.00	39.19 0.22 0.00	50.73 0.21 0.00	57.82 0.84 0.00	32.46 0.92 0.00	31.46 1.04 0.00	40.12 1.27 0.00	56.30 1.52 0.00	50.10 1.15 0.00	38.29 0.74 0.00	30.42 0.44 0.00
DUNKIRK___115KV_TB_200 55889	29.25 0.64 0.00	23.22 0.16 0.00	20.54 0.14 0.00	20.37 -0.03 0.00	23.34 0.09 0.00	23.33 0.30 0.00	25.68 0.63 0.00	25.36 0.40 0.00	31.50 1.02 0.00	30.28 1.32 -0.03	30.57 1.01 -0.66	29.08 0.70 -0.57	29.29 0.45 0.00	31.44 0.62 0.00	39.17 0.20 0.00	51.00 0.37 -0.11	56.36 -0.62 0.00	31.37 -0.51 -0.34	29.85 -0.83 -0.26	38.09 -0.89 -0.13	54.08 -0.69 0.00	47.96 -0.99 0.00	36.85 -0.70 0.00	29.81 -0.17 0.00
DUNKIRK___1 23563	29.25 0.64 0.00	23.22 0.16 0.00	20.54 0.14 0.00	20.37 -0.03 0.00	23.34 0.09 0.00	23.33 0.30 0.00	25.68 0.63 0.00	25.36 0.40 0.00	31.50 1.02 0.00	30.28 1.32 -0.03	30.57 1.01 -0.66	29.08 0.70 -0.57	29.29 0.45 0.00	31.44 0.62 0.00	39.17 0.20 0.00	51.00 0.37 -0.11	56.36 -0.62 0.00	31.37 -0.51 -0.34	29.85 -0.83 -0.26	38.09 -0.89 -0.13	54.08 -0.69 0.00	47.96 -0.99 0.00	36.85 -0.70 0.00	29.81 -0.17 0.00
DUNKIRK___2 23564	29.25 0.64 0.00	23.22 0.16 0.00	20.54 0.14 0.00	20.37 -0.03 0.00	23.34 0.09 0.00	23.33 0.30 0.00	25.68 0.63 0.00	25.36 0.40 0.00	31.50 1.02 0.00	30.28 1.32 -0.03	30.57 1.01 -0.66	29.08 0.70 -0.57	29.29 0.45 0.00	31.44 0.62 0.00	39.17 0.20 0.00	51.00 0.37 -0.11	56.36 -0.62 0.00	31.37 -0.51 -0.34	29.85 -0.83 -0.26	38.09 -0.89 -0.13	54.08 -0.69 0.00	47.96 -0.99 0.00	36.85 -0.70 0.00	29.81 -0.17 0.00
DUNKIRK___3 23565	29.10 0.50 0.00	23.11 0.06 0.00	20.44 0.05 0.00	20.29 -0.12 0.00	23.23 -0.02 0.00	23.23 0.18 0.00	25.56 0.50 0.00	25.20 0.24 0.00	31.29 0.81 0.00	30.07 1.12 -0.03	30.36 0.80 -0.66	28.88 0.50 -0.57	29.08 0.24 0.00	31.20 0.37 0.00	38.85 -0.12 0.00	50.55 -0.08 -0.11	55.89 -1.10 0.00	31.14 -0.74 -0.34	29.66 -1.02 -0.26	37.84 -1.14 -0.13	53.71 -1.06 0.00	47.63 -1.32 0.00	36.64 -0.91 0.00	29.71 -0.27 0.00
DUNKIRK___4 23566	29.10 0.50 0.00	23.11 0.06 0.00	20.44 0.05 0.00	20.29 -0.12 0.00	23.23 -0.02 0.00	23.23 0.18 0.00	25.56 0.50 0.00	25.20 0.24 0.00	31.29 0.81 0.00	30.07 1.12 -0.03	30.36 0.80 -0.66	28.88 0.50 -0.57	29.08 0.24 0.00	31.20 0.37 0.00	38.85 -0.12 0.00	50.55 -0.08 -0.11	55.89 -1.10 0.00	31.14 -0.74 -0.34	29.66 -1.02 -0.26	37.84 -1.14 -0.13	53.71 -1.06 0.00	47.63 -1.32 0.00	36.64 -0.91 0.00	29.71 -0.27 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.46 1.85 0.00	24.50 1.44 0.00	21.54 1.15 0.00	21.54 1.13 0.00	24.44 1.19 0.00	24.20 1.16 0.00	26.47 1.41 0.00	26.56 1.60 0.00	32.39 1.91 0.00	31.10 2.04 -0.13	31.22 2.06 -0.26	31.29 2.00 -1.48	31.25 2.15 -0.27	33.49 2.36 -0.30	42.78 3.14 -0.66	55.58 4.29 -0.78	62.36 5.27 -0.11	36.75 3.09 -2.12	34.75 2.74 -1.60	42.72 3.07 -0.79	58.84 4.07 0.00	52.30 3.35 0.00	40.05 2.50 0.00	31.99 2.01 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.16 1.56 0.00	24.26 1.20 0.00	21.34 0.95 0.00	21.34 0.94 0.00	24.24 0.98 0.00	24.00 0.96 0.00	26.23 1.18 0.00	26.31 1.35 0.00	32.11 1.63 0.00	30.76 1.73 -0.10	30.90 1.78 -0.21	29.93 1.71 -0.40	30.88 1.84 -0.20	33.09 2.04 -0.22	42.09 2.71 -0.41	54.84 3.74 -0.58	61.72 4.66 -0.08	36.33 2.75 -2.04	34.43 2.46 -1.55	42.41 2.79 -0.77	58.48 3.71 0.00	52.00 3.05 0.00	39.78 2.23 0.00	31.73 1.75 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.57 1.96 0.00	24.61 1.56 0.00	21.64 1.24 0.00	21.62 1.21 0.00	24.54 1.30 0.00	24.30 1.26 0.00	26.61 1.56 0.00	26.68 1.72 0.00	32.52 2.04 0.00	31.21 2.15 -0.13	31.28 2.12 -0.26	31.36 2.07 -1.48	31.37 2.27 -0.27	33.59 2.47 -0.30	42.94 3.30 -0.66	55.78 4.49 -0.78	62.65 5.56 -0.11	36.89 3.23 -2.12	34.85 2.83 -1.60	42.87 3.24 -0.79	59.09 4.32 0.00	52.52 3.58 0.00	40.23 2.68 0.00	32.14 2.16 0.00
E179THST_13_KV_LOAD 356214	30.74 2.14 0.00	24.75 1.70 0.00	21.75 1.36 0.00	21.73 1.32 0.00	24.67 1.41 0.00	24.43 1.39 0.00	26.76 1.70 0.00	26.83 1.87 0.00	32.71 2.23 0.00	31.39 2.33 -0.13	31.47 2.31 -0.26	31.54 2.24 -1.48	31.56 2.46 -0.27	33.80 2.67 -0.30	43.19 3.55 -0.66	56.12 4.83 -0.78	63.04 5.96 -0.11	37.10 3.44 -2.12	35.06 3.04 -1.60	43.14 3.50 -0.79	59.46 4.69 0.00	52.85 3.90 0.00	40.48 2.93 0.00	32.35 2.36 0.00
EAST HAMPTON___GT 23717	34.44 4.83 -1.00	28.73 3.86 -1.82	24.52 3.26 -0.87	23.59 3.18 0.00	26.81 3.56 0.00	26.43 3.39 0.00	28.73 3.68 0.00	28.83 3.87 0.00	35.51 5.02 0.00	34.26 5.20 -0.13	34.46 5.18 -0.38	44.86 4.76 -12.28	35.80 4.96 -2.00	37.52 5.43 -1.26	46.80 6.82 -1.02	60.40 9.10 -0.78	217.90 10.89 -150.02	316.30 6.09 -278.66	151.66 5.66 -115.57	71.90 6.85 -26.21	63.64 8.87 -0.01	55.89 6.95 0.00	43.44 5.90 0.00	36.30 5.03 -1.29
EAST RIVER___6 23660	30.66 2.05 0.00	24.66 1.60 0.00	21.66 1.26 0.00	21.62 1.21 0.00	24.53 1.28 0.00	24.31 1.27 0.00	26.61 1.56 0.00	26.74 1.78 0.00	32.59 2.11 0.00	31.36 2.30 -0.13	31.49 2.33 -0.26	31.56 2.26 -1.48	31.52 2.41 -0.27	33.79 2.66 -0.30	43.19 3.55 -0.66	56.14 4.85 -0.78	62.98 5.89 -0.11	37.08 3.42 -2.12	35.03 3.01 -1.60	43.01 3.37 -0.79	59.27 4.51 0.00	52.66 3.72 0.00	40.36 2.81 0.00	32.21 2.23 0.00

EAST RIVER___7 23524	30.66 2.05 0.00	24.66 1.60 0.00	21.66 1.26 0.00	21.62 1.21 0.00	24.53 1.28 0.00	24.31 1.27 0.00	26.61 1.56 0.00	26.74 1.78 0.00	32.59 2.11 0.00	31.36 2.30 -0.13	31.49 2.33 -0.26	31.56 2.26 -1.48	31.52 2.41 -0.27	33.79 2.66 -0.30	43.19 3.55 -0.66	56.14 4.85 -0.78	62.98 5.89 -0.11	37.08 3.42 -2.12	35.03 3.01 -1.60	43.01 3.37 -0.79	59.27 4.51 0.00	52.66 3.72 0.00	40.36 2.81 0.00	32.21 2.23 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.37 1.76 0.00	24.43 1.37 0.00	21.48 1.09 0.00	21.48 1.08 0.00	24.38 1.13 0.00	24.14 1.10 0.00	26.40 1.34 0.00	26.48 1.52 0.00	32.29 1.81 0.00	31.01 1.95 -0.13	31.14 1.98 -0.26	31.24 1.90 -1.52	31.16 2.06 -0.27	33.39 2.27 -0.30	42.65 3.01 -0.67	55.41 4.12 -0.77	62.17 5.09 -0.11	36.64 2.98 -2.12	34.66 2.65 -1.59	42.61 2.97 -0.79	58.70 3.93 0.00	52.17 3.23 0.00	39.93 2.39 0.00	31.90 1.92 0.00
EAST_HAMPTON___DIESEL 23722	34.45 4.84 -1.00	28.73 3.86 -1.82	24.53 3.26 -0.87	23.59 3.19 0.00	26.81 3.56 0.00	26.44 3.40 0.00	28.73 3.68 0.00	28.83 3.87 0.00	35.52 5.03 0.00	34.26 5.20 -0.13	34.46 5.18 -0.38	44.87 4.77 -12.28	35.82 4.98 -2.00	37.54 5.45 -1.26	46.84 6.85 -1.02	60.43 9.13 -0.78	217.93 10.92 -150.02	316.31 6.11 -278.66	151.67 5.68 -115.57	71.93 6.88 -26.21	63.66 8.88 -0.01	55.93 6.99 0.00	43.45 5.90 0.00	36.30 5.04 -1.29
EAST_PULASKI___ESR 323781	28.13 -0.48 0.00	22.72 -0.33 0.00	20.07 -0.32 0.00	20.07 -0.34 0.00	22.94 -0.31 0.00	22.75 -0.30 0.00	24.81 -0.24 0.00	24.72 -0.24 0.00	30.15 -0.33 0.00	28.64 -0.31 -0.02	29.10 -0.42 -0.61	27.87 -0.47 -0.53	28.26 -0.58 0.00	30.16 -0.67 0.00	38.13 -0.84 0.00	49.51 -1.11 -0.10	55.83 -1.15 0.00	31.21 -0.47 -0.15	29.94 -0.49 -0.01	38.27 -0.58 0.00	54.12 -0.65 0.00	48.33 -0.61 0.00	37.03 -0.52 0.00	29.55 -0.43 0.00
EAST_RIVER___1 323558	30.57 1.96 0.00	24.59 1.53 0.00	21.60 1.21 0.00	21.58 1.17 0.00	24.49 1.24 0.00	24.26 1.22 0.00	26.56 1.51 0.00	26.67 1.71 0.00	32.50 2.01 0.00	31.26 2.19 -0.13	31.38 2.22 -0.26	31.44 2.15 -1.48	31.41 2.30 -0.27	33.66 2.53 -0.30	43.02 3.38 -0.66	55.93 4.64 -0.78	62.73 5.64 -0.11	36.94 3.28 -2.12	34.91 2.89 -1.60	42.86 3.23 -0.79	59.06 4.30 0.00	52.49 3.54 0.00	40.21 2.66 0.00	32.11 2.13 0.00
EAST_RIVER___2 323559	30.66 2.05 0.00	24.66 1.60 0.00	21.66 1.26 0.00	21.62 1.21 0.00	24.53 1.28 0.00	24.31 1.27 0.00	26.61 1.56 0.00	26.74 1.78 0.00	32.59 2.11 0.00	31.36 2.30 -0.13	31.49 2.33 -0.26	31.56 2.26 -1.48	31.52 2.41 -0.27	33.79 2.66 -0.30	43.19 3.55 -0.66	56.14 4.85 -0.78	62.98 5.89 -0.11	37.08 3.42 -2.12	35.03 3.01 -1.60	43.01 3.37 -0.79	59.27 4.51 0.00	52.66 3.72 0.00	40.36 2.81 0.00	32.21 2.23 0.00
EAST___DELAWARE_HYD 23607	29.80 1.19 0.00	23.95 0.90 0.00	21.08 0.69 0.00	21.05 0.65 0.00	23.90 0.65 0.00	23.70 0.66 0.00	25.85 0.80 0.00	25.96 1.00 0.00	31.79 1.30 0.00	30.38 1.38 -0.07	30.67 1.59 -0.18	29.71 1.50 -0.39	30.57 1.61 -0.12	32.75 1.80 -0.14	41.45 2.21 -0.26	53.98 3.09 -0.38	61.14 4.11 -0.05	35.93 2.54 -1.84	34.11 2.23 -1.46	42.09 2.51 -0.73	58.08 3.31 0.00	51.60 2.65 0.00	39.42 1.88 0.00	31.40 1.42 0.00
EIGHT_POINT___WT_PWR 323820	29.44 0.83 0.00	23.45 0.39 0.00	20.71 0.31 0.00	20.61 0.20 0.00	23.62 0.37 0.00	23.57 0.53 0.00	25.94 0.88 0.00	25.66 0.71 0.00	31.68 1.19 0.00	30.36 1.40 -0.02	30.58 1.08 -0.60	29.20 0.86 -0.52	29.48 0.64 0.00	31.58 0.76 0.00	39.48 0.50 0.00	51.51 0.89 -0.10	57.53 0.55 0.00	32.20 0.25 -0.41	30.56 3.01 -0.32	38.61 3.37 -0.16	54.59 4.51 0.00	48.31 3.72 0.00	37.33 2.81 0.00	30.19 2.21 0.00
ELBRIDGE_115KV_TB2 80188	28.58 -0.03 0.00	22.97 -0.08 0.00	20.30 -0.09 0.00	20.29 -0.11 0.00	23.14 -0.11 0.00	22.96 -0.08 0.00	25.09 0.04 0.00	24.92 -0.04 0.00	30.50 0.02 0.00	29.01 0.05 -0.03	29.57 -0.01 -0.68	28.32 -0.08 -0.58	28.74 -0.11 0.00	30.71 -0.12 0.00	38.77 -0.20 0.00	50.45 -0.17 -0.11	56.70 -0.28 0.00	31.63 -0.13 -0.22	30.39 -0.19 -0.15	38.64 -0.28 -0.08	54.43 -0.34 0.00	48.45 -0.49 0.00	37.14 -0.41 0.00	29.73 -0.25 0.00
ELEC_TRO_TEK 24086	31.93 2.32 -0.99	26.70 1.84 -1.81	22.77 1.51 -0.87	21.89 1.48 0.00	24.85 1.60 0.00	24.54 1.50 0.00	26.81 1.76 0.00	26.88 1.92 0.00	32.84 2.35 0.00	31.48 2.42 -0.13	31.55 2.40 -0.26	33.53 2.37 -3.34	33.32 2.53 -1.95	34.57 2.74 -1.00	43.12 3.49 -0.66	56.02 4.73 -0.78	65.93 5.87 -3.08	64.49 3.39 -29.56	72.00 3.09 -38.49	43.19 3.55 -0.79	59.32 4.55 0.00	52.66 3.72 0.00	40.45 2.91 0.00	33.76 2.50 -1.28
ELLENBURG_WT_PWR 323604	28.16 -0.45 0.00	22.71 -0.34 0.00	20.15 -0.24 0.00	20.25 -0.16 0.00	23.24 -0.01 0.00	23.14 0.10 0.00	25.07 0.01 0.00	25.00 0.04 0.00	30.35 -0.13 0.00	28.37 -0.56 0.00	28.25 -0.65 0.00	27.67 -0.14 0.00	28.90 0.06 0.00	30.93 0.10 0.00	39.33 0.35 0.00	51.00 0.49 0.00	57.41 0.43 0.00	31.50 -0.04 0.00	30.55 0.13 0.00	39.30 0.45 0.00	55.95 1.18 0.00	50.14 1.20 0.00	38.49 0.94 0.00	30.66 0.68 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.69 0.08 0.00	22.84 -0.21 0.00	20.17 -0.22 0.00	20.02 -0.39 0.00	22.90 -0.35 0.00	22.90 -0.14 0.00	25.17 0.12 0.00	24.72 -0.24 0.00	30.71 0.23 0.00	29.53 0.58 -0.03	29.83 0.26 -0.67	28.45 0.06 -0.58	28.66 -0.18 0.00	30.63 -0.19 0.00	38.01 -0.96 0.00	49.36 -1.27 -0.11	54.57 -2.41 0.00	30.39 -1.48 -0.33	29.03 -1.64 -0.24	37.06 -1.91 -0.12	52.64 -2.13 0.00	46.59 -2.35 0.00	36.02 -1.53 0.00	29.41 -0.57 0.00
EMPIRE_CC_1 323656	29.22 0.61 0.00	23.68 0.63 0.00	20.89 0.49 0.00	21.02 0.61 0.00	23.87 0.62 0.00	23.56 0.52 0.00	25.56 0.51 0.00	25.47 0.51 0.00	31.06 0.58 0.00	29.23 0.55 0.25	29.16 0.54 0.28	27.23 0.48 1.07	28.96 0.66 0.53	30.85 0.64 0.61	38.72 0.88 1.13	49.97 0.97 1.51	58.41 1.64 0.21	35.21 1.07 -2.61	33.90 1.04 -2.43	41.40 1.32 -1.23	56.44 1.68 0.00	50.26 1.31 0.00	38.51 0.96 0.00	30.74 0.76 0.00
EMPIRE_CC_2 323658	29.22 0.61 0.00	23.68 0.63 0.00	20.89 0.49 0.00	21.02 0.61 0.00	23.87 0.62 0.00	23.56 0.52 0.00	25.56 0.51 0.00	25.47 0.51 0.00	31.06 0.58 0.00	29.23 0.55 0.25	29.16 0.54 0.28	27.23 0.48 1.07	28.96 0.66 0.53	30.85 0.64 0.61	38.72 0.88 1.13	49.97 0.97 1.51	58.41 1.64 0.21	35.21 1.07 -2.61	33.90 1.04 -2.43	41.40 1.32 -1.23	56.44 1.68 0.00	50.26 1.31 0.00	38.51 0.96 0.00	30.74 0.76 0.00
ENORWICH_115KV_TB1 80156	30.68 2.07 0.00	24.49 1.43 0.00	21.59 1.20 0.00	21.55 1.14 0.00	24.62 1.36 0.00	24.54 1.50 0.00	27.11 2.06 0.00	27.03 2.07 0.00	32.98 2.50 0.00	31.20 2.25 -0.02	31.36 2.06 -0.40	30.12 1.96 -0.34	30.74 1.90 0.00	33.03 2.21 0.00	41.75 2.77 0.00	54.27 3.69 -0.07	61.34 4.36 0.00	35.02 2.90 -0.58	33.78 2.75 -0.61	42.71 3.55 -0.31	59.84 5.07 0.00	53.08 4.13 0.00	40.45 2.90 0.00	32.20 2.22 0.00

ERIE_ST__34_KV_TB1-2 80199	29.14 0.54 0.00	23.17 0.11 0.00	20.45 0.06 0.00	20.30 -0.11 0.00	23.24 -0.01 0.00	23.22 0.18 0.00	25.57 0.51 0.00	25.17 0.21 0.00	31.29 0.81 0.00	30.08 1.13 -0.03	30.43 0.87 -0.66	29.00 0.61 -0.57	29.19 0.34 0.00	31.24 0.41 0.00	38.84 -0.13 0.00	50.47 -0.16 -0.11	55.85 -1.13 0.00	31.12 -0.76 -0.34	29.69 -0.99 -0.26	37.89 -1.09 -0.13	53.80 -0.97 0.00	47.64 -1.31 0.00	36.74 -0.81 0.00	29.90 -0.08 0.00
ERIE_WT_PWR 323693	28.90 0.29 0.00	23.00 -0.06 0.00	20.32 -0.08 0.00	20.16 -0.25 0.00	23.08 -0.17 0.00	23.05 0.01 0.00	25.39 0.33 0.00	24.94 -0.02 0.00	31.02 0.53 0.00	29.79 0.83 -0.03	30.08 0.52 -0.66	28.70 0.31 -0.57	28.90 0.06 0.00	30.93 0.11 0.00	38.43 -0.54 0.00	49.89 -0.75 -0.12	55.17 -1.82 -0.01	30.73 -1.14 -0.34	29.34 -1.34 -0.26	37.44 -1.54 -0.13	53.18 -1.59 0.00	47.08 -1.87 -0.01	36.35 -1.20 0.00	29.65 -0.33 0.00
ESPRGFLD_115KV_TB1 80157	30.31 1.70 0.00	24.37 1.31 0.00	21.54 1.15 0.00	21.49 1.09 0.00	24.54 1.29 0.00	24.42 1.38 0.00	26.61 1.56 0.00	26.56 1.60 0.00	32.48 2.00 0.00	30.83 1.96 0.06	30.75 1.80 -0.04	29.26 1.68 0.23	30.30 1.60 0.14	32.40 1.74 0.16	40.79 2.12 0.30	52.96 2.82 0.37	59.93 3.01 0.06	32.69 1.75 0.60	35.29 1.69 -3.19	42.74 2.14 -1.76	57.95 3.18 0.00	51.80 2.85 0.00	39.66 2.11 0.00	31.65 1.67 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.32 0.71 0.00	23.50 0.45 0.00	20.75 0.36 0.00	20.73 0.32 0.00	23.65 0.40 0.00	23.51 0.47 0.00	25.77 0.72 0.00	25.65 0.69 0.00	31.38 0.90 0.00	29.83 0.87 -0.02	30.16 0.72 -0.54	28.88 0.60 -0.47	29.38 0.54 0.00	31.47 0.65 0.00	39.77 0.80 0.00	51.74 1.14 -0.09	58.28 1.30 0.00	32.86 0.89 -0.44	31.57 0.79 -0.36	40.01 0.99 -0.18	56.21 1.44 0.00	50.01 1.06 0.00	38.24 0.69 0.00	30.56 0.58 0.00
ETNA____115KV_TB2 80207	29.32 0.71 0.00	23.50 0.45 0.00	20.75 0.36 0.00	20.73 0.32 0.00	23.65 0.40 0.00	23.51 0.47 0.00	25.77 0.72 0.00	25.65 0.69 0.00	31.38 0.90 0.00	29.83 0.87 -0.02	30.16 0.72 -0.54	28.88 0.60 -0.47	29.38 0.54 0.00	31.47 0.65 0.00	39.77 0.80 0.00	51.74 1.14 -0.09	58.28 1.30 0.00	32.86 0.89 -0.44	31.57 0.79 -0.36	40.01 0.99 -0.18	56.21 1.44 0.00	50.01 1.06 0.00	38.24 0.69 0.00	30.56 0.58 0.00
EUCLID____115KV_TB2 356179	28.30 -0.30 0.00	22.75 -0.31 0.00	20.09 -0.30 0.00	20.08 -0.33 0.00	22.89 -0.36 0.00	22.74 -0.30 0.00	24.81 -0.25 0.00	24.65 -0.31 0.00	30.17 -0.31 0.00	28.72 -0.23 -0.03	29.29 -0.31 -0.70	28.09 -0.33 -0.61	28.45 -0.39 0.00	30.42 -0.40 0.00	38.40 -0.58 0.00	49.90 -0.74 -0.12	56.08 -0.90 0.00	31.25 -0.46 -0.17	29.91 -0.52 -0.01	38.15 -0.69 0.00	53.82 -0.95 0.00	47.95 -0.99 0.00	36.76 -0.79 0.00	29.43 -0.55 0.00
E_CANADA_CAP_HY 24051	30.64 2.04 0.00	24.69 1.64 0.00	21.84 1.44 0.00	21.81 1.39 0.00	24.91 1.65 0.00	24.76 1.72 0.00	26.87 1.81 0.00	26.80 1.85 0.00	32.74 2.25 0.00	31.01 2.17 0.09	30.79 1.91 0.03	29.31 1.77 0.28	30.31 1.66 0.19	32.35 1.75 0.22	40.75 2.18 0.41	52.82 2.84 0.54	60.03 3.13 0.08	36.85 1.87 -3.44	36.60 1.94 -4.24	43.59 2.55 -2.19	58.64 3.87 0.00	52.55 3.60 0.00	40.24 2.70 0.00	32.10 2.11 0.00
E_CANADA_MHWK_HY 24050	28.64 0.03 0.00	22.93 -0.12 0.00	20.21 -0.18 0.00	20.25 -0.15 0.00	23.03 -0.23 0.00	22.82 -0.23 0.00	25.03 -0.03 0.00	25.01 0.05 0.00	30.46 -0.02 0.00	28.86 -0.07 0.00	28.76 -0.14 0.00	27.52 -0.30 0.00	28.63 -0.22 0.00	30.76 -0.06 0.00	39.19 0.22 0.00	50.73 0.21 0.00	57.82 0.84 0.00	32.46 0.92 0.00	31.46 1.04 0.00	40.12 1.27 0.00	56.30 1.52 0.00	50.10 1.15 0.00	38.29 0.74 0.00	30.42 0.44 0.00
E_FISHKILL____LBMP 23776	30.11 1.51 0.00	24.24 1.19 0.00	21.33 0.94 0.00	21.34 0.94 0.00	24.23 0.98 0.00	23.98 0.94 0.00	26.18 1.13 0.00	26.25 1.30 0.00	32.00 1.52 0.00	30.69 1.62 -0.13	30.82 1.65 -0.26	30.45 1.59 -1.05	30.84 1.73 -0.27	33.04 1.90 -0.31	42.14 2.53 -0.63	54.77 3.45 -0.80	61.42 4.33 -0.11	36.28 2.56 -2.18	34.36 2.30 -1.64	42.26 2.60 -0.81	58.17 3.41 0.00	51.74 2.80 0.00	39.61 2.07 0.00	31.63 1.65 0.00
FALCON____SEABRD_CC1 323796	28.42 -0.18 0.00	22.91 -0.14 0.00	20.33 -0.06 0.00	20.43 0.02 0.00	23.44 0.19 0.00	23.38 0.33 0.00	25.32 0.26 0.00	25.28 0.32 0.00	30.68 0.20 0.00	28.65 -0.28 0.00	28.50 -0.40 0.00	27.99 0.18 0.00	29.27 0.43 0.00	31.29 0.47 0.00	39.79 0.82 0.00	51.60 1.09 0.00	58.09 1.11 0.00	31.82 0.28 0.00	30.85 0.43 0.00	39.69 0.85 0.00	56.61 1.84 0.00	50.68 1.74 0.00	38.91 1.36 0.00	30.99 1.01 0.00
FALCON____SEABRD_CC2 323797	28.42 -0.18 0.00	22.91 -0.14 0.00	20.33 -0.06 0.00	20.43 0.02 0.00	23.44 0.19 0.00	23.38 0.33 0.00	25.32 0.26 0.00	25.28 0.32 0.00	30.68 0.20 0.00	28.65 -0.28 0.00	28.50 -0.40 0.00	27.99 0.18 0.00	29.27 0.43 0.00	31.29 0.47 0.00	39.79 0.82 0.00	51.60 1.09 0.00	58.09 1.11 0.00	31.82 0.28 0.00	30.85 0.43 0.00	39.69 0.85 0.00	56.61 1.84 0.00	50.68 1.74 0.00	38.91 1.36 0.00	30.99 1.01 0.00
FAR ROCKAWAY____4 23548	32.51 2.90 -0.99	27.10 2.24 -1.81	23.11 1.85 -0.87	22.21 1.80 0.00	25.21 1.96 0.00	24.89 1.84 0.00	27.24 2.19 0.00	27.30 2.34 0.00	33.31 2.82 0.00	31.88 2.82 -0.13	31.98 2.82 -0.26	33.96 2.81 -3.34	33.77 2.98 -1.95	35.04 3.21 -1.00	43.79 4.15 -0.66	56.93 5.64 -0.78	67.01 6.95 -3.08	65.09 3.99 -29.56	72.59 3.68 -38.49	43.92 4.27 -0.79	60.34 5.57 0.00	53.60 4.65 0.00	41.15 3.60 0.00	34.29 3.03 -1.28
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.59 1.98 0.00	24.60 1.54 0.00	21.62 1.23 0.00	21.60 1.19 0.00	24.52 1.26 0.00	24.28 1.24 0.00	26.59 1.53 0.00	26.69 1.73 0.00	32.53 2.04 0.00	31.27 2.21 -0.13	31.39 2.23 -0.26	31.46 2.17 -1.48	31.42 2.31 -0.27	33.68 2.55 -0.30	43.03 3.39 -0.66	55.94 4.64 -0.78	62.75 5.66 -0.11	36.96 3.30 -2.12	34.92 2.91 -1.60	42.89 3.26 -0.79	59.09 4.32 0.00	52.52 3.57 0.00	40.22 2.68 0.00	32.12 2.14 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.62 2.01 0.00	24.63 1.57 0.00	21.64 1.25 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.30 1.26 0.00	26.60 1.55 0.00	26.71 1.75 0.00	32.54 2.06 0.00	31.29 2.23 -0.13	31.41 2.25 -0.26	31.48 2.19 -1.48	31.44 2.33 -0.27	33.70 2.57 -0.30	43.06 3.42 -0.66	55.99 4.69 -0.78	62.80 5.72 -0.11	36.99 3.32 -2.12	34.95 2.94 -1.60	42.93 3.29 -0.79	59.14 4.37 0.00	52.57 3.62 0.00	40.26 2.72 0.00	32.16 2.17 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.57 1.96 0.00	24.59 1.53 0.00	21.61 1.22 0.00	21.60 1.19 0.00	24.51 1.25 0.00	24.27 1.23 0.00	26.57 1.52 0.00	26.69 1.73 0.00	32.51 2.03 0.00	31.26 2.19 -0.13	31.37 2.22 -0.26	31.44 2.15 -1.48	31.41 2.30 -0.27	33.65 2.52 -0.30	43.00 3.37 -0.66	55.89 4.60 -0.78	62.70 5.61 -0.11	36.93 3.27 -2.12	34.91 2.89 -1.60	42.87 3.23 -0.79	59.05 4.28 0.00	52.48 3.53 0.00	40.20 2.65 0.00	32.10 2.12 0.00

FARRAGUT___LBMP 323566	30.54 1.93 0.00	24.57 1.51 0.00	21.59 1.20 0.00	21.58 1.17 0.00	24.48 1.23 0.00	24.25 1.21 0.00	26.54 1.49 0.00	26.65 1.69 0.00	32.47 1.99 0.00	31.21 2.15 -0.13	31.33 2.17 -0.26	31.40 2.11 -1.48	31.36 2.26 -0.27	33.61 2.48 -0.30	42.95 3.31 -0.66	55.83 4.54 -0.78	62.64 5.55 -0.11	36.89 3.23 -2.12	34.86 2.85 -1.60	42.82 3.18 -0.79	58.99 4.22 0.00	52.43 3.48 0.00	40.16 2.62 0.00	32.08 2.10 0.00
FENNER___WINDPWR 24204	29.06 0.46 0.00	23.33 0.28 0.00	20.63 0.24 0.00	20.63 0.22 0.00	23.54 0.28 0.00	23.39 0.35 0.00	25.60 0.54 0.00	25.49 0.53 0.00	31.21 0.73 0.00	29.65 0.70 -0.02	29.99 0.63 -0.45	28.75 0.55 -0.39	29.36 0.52 0.00	31.45 0.63 0.00	39.80 0.82 0.00	51.70 1.11 -0.08	58.25 1.27 0.00	32.58 0.80 -0.24	31.36 0.76 -0.17	39.90 0.97 -0.08	56.18 1.41 0.00	50.02 1.07 0.00	38.24 0.69 0.00	30.49 0.50 0.00
FIBERTEK___ENERGY 23856	28.66 0.06 0.00	23.02 -0.03 0.00	20.33 -0.06 0.00	20.32 -0.09 0.00	23.18 -0.07 0.00	23.01 -0.03 0.00	25.18 0.13 0.00	25.02 0.06 0.00	30.60 0.12 0.00	29.13 0.17 -0.03	29.68 0.10 -0.68	28.46 0.06 -0.59	28.85 0.01 0.00	30.86 0.04 0.00	38.96 -0.01 0.00	50.66 0.03 -0.11	56.95 -0.03 0.00	31.78 0.03 -0.21	30.51 -0.05 -0.14	38.80 -0.11 -0.07	54.64 -0.13 0.00	48.66 -0.29 0.00	37.28 -0.27 0.00	29.83 -0.15 0.00
FITZPATRICK____ 23598	27.84 -0.76 0.00	22.40 -0.65 0.00	19.80 -0.59 0.00	19.79 -0.62 0.00	22.56 -0.69 0.00	22.39 -0.65 0.00	24.39 -0.67 0.00	24.21 -0.74 0.00	29.61 -0.87 0.00	28.01 -0.78 0.14	24.43 -0.85 3.63	23.84 -0.84 3.13	27.94 -0.90 0.00	29.87 -0.96 0.00	37.71 -1.26 0.00	48.27 -1.64 0.61	55.09 -1.89 0.00	30.63 -1.03 -0.12	29.39 -1.03 -0.01	37.51 -1.34 0.00	52.92 -1.85 0.00	47.18 -1.76 0.00	36.21 -1.34 0.00	28.98 -1.01 0.00
FLOWRFLD_69_KV_BK1 356044	32.74 3.14 -0.99	27.41 2.54 -1.81	23.39 2.13 -0.87	22.47 2.07 0.00	25.53 2.28 0.00	25.18 2.14 0.00	27.39 2.34 0.00	27.46 2.50 0.00	33.68 3.20 0.00	32.33 3.27 -0.13	32.41 3.12 -0.39	43.88 3.08 -12.97	34.20 3.35 -2.01	35.75 3.60 -1.33	44.50 4.37 -1.15	57.01 5.72 -0.78	237.88 7.16 -173.74	345.25 4.04 -309.67	167.23 3.72 -133.09	71.39 4.35 -28.19	60.23 5.46 0.00	53.24 4.30 0.00	41.10 3.55 0.00	34.45 3.19 -1.28
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.50 1.89 0.00	24.53 1.47 0.00	21.57 1.18 0.00	21.58 1.17 0.00	24.49 1.24 0.00	24.26 1.22 0.00	26.51 1.45 0.00	26.60 1.64 0.00	32.46 1.97 0.00	31.13 2.10 -0.10	31.27 2.15 -0.21	30.57 2.08 -0.68	31.28 2.24 -0.20	33.54 3.29 -0.23	42.71 3.29 -0.44	55.66 4.55 -0.60	62.55 5.49 -0.08	36.89 3.22 -2.13	34.95 2.91 -1.62	43.02 3.37 -0.80	59.26 4.49 0.00	52.64 3.70 0.00	40.26 2.71 0.00	32.11 2.13 0.00
FORT ORANGE____ 23900	29.33 0.72 0.00	23.68 0.63 0.00	20.88 0.48 0.00	20.96 0.56 0.00	23.82 0.56 0.00	23.55 0.50 0.00	25.63 0.58 0.00	25.59 0.63 0.00	31.21 0.73 0.00	29.49 0.69 0.13	29.46 0.67 0.11	28.01 0.66 0.46	29.40 0.83 0.28	31.39 0.88 0.31	39.62 1.23 0.58	51.25 1.51 0.77	59.02 2.15 0.11	35.62 1.37 -2.71	35.07 1.38 -3.27	42.23 1.70 -1.68	56.98 2.21 0.00	50.69 1.75 0.00	38.79 1.24 0.00	30.92 0.93 0.00
FORT_DRUM_COGEN 23780	28.13 -0.48 0.00	22.89 -0.16 0.00	20.33 -0.06 0.00	20.38 -0.02 0.00	23.32 0.07 0.00	23.13 0.09 0.00	25.31 0.25 0.00	25.20 0.23 0.00	30.56 0.08 0.00	28.84 -0.10 -0.02	29.07 -0.24 -0.40	27.78 -0.38 -0.35	28.38 -0.46 0.00	30.28 -0.54 0.00	38.53 -0.45 0.00	49.97 -0.61 -0.07	56.78 -0.20 0.00	31.93 0.29 -0.10	30.73 0.30 -0.01	39.49 0.64 0.00	56.15 1.38 0.00	50.03 1.08 0.00	38.13 0.58 0.00	30.26 0.28 0.00
FPL_FAR_ROCK_GT1 24212	32.51 2.90 -1.00	27.11 2.24 -1.81	23.11 1.85 -0.87	22.21 1.80 0.00	25.20 1.96 0.00	24.89 1.84 0.00	27.24 2.18 0.00	27.30 2.34 0.00	33.31 2.82 0.00	31.88 2.82 -0.13	31.99 2.83 -0.26	33.96 2.81 -3.34	33.77 2.98 -1.95	35.04 3.21 -1.01	43.79 4.15 -0.66	56.93 5.63 -0.78	67.01 6.95 -3.08	65.09 3.99 -29.56	72.59 3.68 -38.49	43.92 4.27 -0.80	60.34 5.57 0.00	53.60 4.65 0.00	41.15 3.60 0.00	34.30 3.03 -1.29
FPL_FAR_ROCK_GT2 23815	32.51 2.90 -1.00	27.11 2.24 -1.81	23.11 1.85 -0.87	22.21 1.80 0.00	25.20 1.96 0.00	24.89 1.84 0.00	27.24 2.18 0.00	27.30 2.34 0.00	33.31 2.82 0.00	31.88 2.82 -0.13	31.99 2.83 -0.26	33.96 2.81 -3.34	33.77 2.98 -1.95	35.04 3.21 -1.01	43.79 4.15 -0.66	56.93 5.63 -0.78	67.01 6.95 -3.08	65.09 3.99 -29.56	72.59 3.68 -38.49	43.92 4.27 -0.80	60.34 5.57 0.00	53.60 4.65 0.00	41.15 3.60 0.00	34.30 3.03 -1.29
FRANKLIN_FALL_HYD 24054	28.18 -0.43 0.00	22.74 -0.32 0.00	20.18 -0.21 0.00	20.28 -0.13 0.00	23.27 0.02 0.00	23.10 0.05 0.00	25.05 -0.01 0.00	25.00 0.04 0.00	30.37 -0.11 0.00	28.42 -0.51 0.00	28.38 -0.52 0.00	27.70 -0.12 0.00	28.83 0.00 0.00	30.79 -0.03 0.00	39.20 0.22 0.00	50.84 0.32 0.00	57.14 0.16 0.00	31.41 -0.13 0.00	30.51 0.09 0.00	39.26 0.41 0.00	55.85 1.08 0.00	50.08 1.13 0.00	38.41 0.86 0.00	30.53 0.55 0.00
FREEPORT_EQUS_GT1 23764	32.24 2.63 -1.00	26.94 2.07 -1.81	22.97 1.70 -0.87	22.08 1.67 0.00	25.06 1.81 0.00	24.74 1.70 0.00	27.04 1.99 0.00	27.12 2.16 0.00	33.14 2.66 0.00	31.77 2.71 -0.13	31.81 2.65 -0.26	33.81 2.66 -3.34	33.62 2.83 -1.95	34.88 3.05 -1.01	43.40 3.75 -0.66	56.39 5.10 -0.78	66.41 6.35 -3.08	64.77 3.67 -29.56	72.27 3.35 -38.49	43.53 3.88 -0.80	59.74 4.97 0.00	53.01 4.06 0.00	40.78 3.23 0.00	34.10 2.83 -1.29
FREEPORT___CT2 23818	32.24 2.63 -1.00	26.94 2.07 -1.81	22.97 1.70 -0.87	22.08 1.67 0.00	25.06 1.81 0.00	24.74 1.70 0.00	27.04 1.99 0.00	27.12 2.16 0.00	33.14 2.66 0.00	31.77 2.71 -0.13	31.81 2.65 -0.26	33.81 2.66 -3.34	33.62 2.83 -1.95	34.88 3.05 -1.01	43.40 3.75 -0.66	56.39 5.10 -0.78	66.41 6.35 -3.08	64.77 3.67 -29.56	72.27 3.35 -38.49	43.53 3.88 -0.80	59.74 4.97 0.00	53.01 4.06 0.00	40.78 3.23 0.00	34.10 2.83 -1.29
FRESHKLS_33_KV_LOAD 356253	30.52 1.91 0.00	24.56 1.51 0.00	21.59 1.19 0.00	21.57 1.16 0.00	24.48 1.23 0.00	24.24 1.20 0.00	26.52 1.47 0.00	26.60 1.64 0.00	32.13 1.87 0.23	30.89 2.05 0.09	31.25 2.09 -0.26	31.34 2.05 -1.48	30.73 2.19 0.30	32.64 2.37 0.55	38.22 3.18 3.94	55.79 4.50 -0.78	62.59 5.50 -0.11	36.88 3.22 -2.12	34.86 2.84 -1.60	42.81 3.17 -0.79	59.02 4.25 0.00	52.48 3.54 0.00	40.15 2.61 0.00	32.03 2.09 0.04
FULTON COGEN____ 23766	28.21 -0.40 0.00	22.68 -0.37 0.00	20.04 -0.35 0.00	20.02 -0.38 0.00	22.83 -0.42 0.00	22.68 -0.36 0.00	24.72 -0.33 0.00	24.57 -0.39 0.00	30.07 -0.42 0.00	28.64 -0.31 -0.03	29.16 -0.42 -0.67	27.95 -0.45 -0.58	28.31 -0.53 0.00	30.24 -0.58 0.00	38.23 -0.74 0.00	49.68 -0.96 -0.11	55.88 -1.10 0.00	31.16 -0.54 -0.17	29.84 -0.59 -0.01	38.07 -0.78 0.00	53.72 -1.04 0.00	47.89 -1.06 0.00	36.72 -0.83 0.00	29.36 -0.62 0.00

FULTON___LFGE 323630	31.41 2.80 0.00	25.19 2.13 0.00	22.15 1.76 0.00	22.14 1.73 0.00	25.29 2.04 0.00	25.12 2.08 0.00	27.78 2.73 0.00	26.97 2.01 0.00	33.14 2.65 0.00	31.05 2.22 0.10	30.76 1.92 0.05	28.03 0.55 0.34	29.69 1.07 0.22	31.79 1.21 0.25	40.67 2.15 0.46	52.25 2.34 0.61	60.83 3.94 0.09	37.49 2.72 -3.23	38.85 3.87 -4.57	46.41 5.20 -2.37	62.30 7.53 0.00	55.37 6.43 0.00	42.16 4.61 0.00	33.51 3.53 0.00
G.F.CEMENT___DRP 24184	30.04 1.44 0.00	24.15 1.10 0.00	21.29 0.90 0.00	21.38 0.97 0.00	24.39 1.14 0.00	24.07 1.03 0.00	26.10 1.05 0.00	26.11 1.15 0.00	31.85 1.36 0.00	30.20 1.42 0.15	30.21 1.45 0.14	28.64 1.41 0.59	30.12 1.60 0.33	32.01 1.55 0.37	40.43 2.14 0.68	52.48 2.87 0.91	60.76 3.91 0.13	36.60 2.23 -2.83	37.79 2.55 -4.82	44.63 3.26 -2.53	59.09 4.33 0.00	52.53 3.59 0.00	40.06 2.52 0.00	31.76 1.78 0.00
GARDENVILLE___LBMP 24039	28.81 0.20 0.00	22.93 -0.12 0.00	20.25 -0.14 0.00	20.10 -0.31 0.00	23.00 -0.25 0.00	22.99 -0.05 0.00	25.29 0.23 0.00	24.85 -0.12 0.00	30.86 0.38 0.00	29.67 0.72 -0.03	29.97 0.41 -0.66	28.58 0.19 -0.57	28.78 -0.06 0.00	30.79 -0.03 0.00	38.25 -0.73 0.00	49.68 -0.95 -0.11	54.93 -2.06 0.00	30.60 -1.28 -0.33	29.21 -1.46 -0.25	37.28 -1.70 -0.12	52.95 -1.82 0.00	46.89 -2.06 0.00	36.20 -1.35 0.00	29.53 -0.45 0.00
GARDNVLA_35_KV_LD 355827	28.92 0.31 0.00	23.01 -0.04 0.00	20.32 -0.07 0.00	20.17 -0.24 0.00	23.08 -0.18 0.00	23.07 0.03 0.00	25.38 0.33 0.00	24.95 -0.02 0.00	31.00 0.52 0.00	29.82 0.86 -0.03	30.13 0.56 -0.66	28.74 0.35 -0.57	28.95 0.11 0.00	30.98 0.16 0.00	38.49 -0.49 0.00	50.00 -0.63 -0.12	55.26 -1.73 -0.01	30.78 -1.10 -0.34	29.38 -1.30 -0.26	37.50 -1.47 -0.13	53.26 -1.52 0.00	47.14 -1.81 -0.01	36.40 -1.15 0.00	29.68 -0.31 0.00
GELCKHM___115KV_LOAD 80723	28.43 -0.18 0.00	22.85 -0.21 0.00	20.18 -0.21 0.00	20.17 -0.24 0.00	23.00 -0.25 0.00	22.84 -0.20 0.00	24.94 -0.12 0.00	24.78 -0.18 0.00	30.32 -0.17 0.00	28.87 -0.09 -0.03	29.44 -0.16 -0.70	28.23 -0.19 -0.60	28.60 -0.24 0.00	30.58 -0.24 0.00	38.61 -0.36 0.00	50.19 -0.45 -0.12	56.42 -0.56 0.00	31.45 -0.28 -0.19	30.10 -0.34 -0.01	38.36 -0.48 0.00	54.14 -0.63 0.00	48.22 -0.73 0.00	36.96 -0.59 0.00	29.57 -0.41 0.00
GENERAL___MILLS 23808	28.87 0.26 0.00	22.98 -0.08 0.00	20.30 -0.10 0.00	20.14 -0.27 0.00	23.05 -0.20 0.00	23.03 -0.01 0.00	25.34 0.29 0.00	24.91 -0.05 0.00	30.94 0.46 0.00	29.76 0.80 -0.03	30.06 0.50 -0.66	28.67 0.28 -0.57	28.87 0.03 0.00	30.89 0.06 0.00	38.38 -0.59 0.00	49.85 -0.79 -0.12	55.11 -1.88 -0.01	30.70 -1.18 -0.34	29.31 -1.37 -0.26	37.41 -1.57 -0.13	53.13 -1.64 0.00	47.04 -1.91 -0.01	36.32 -1.23 0.00	29.62 -0.36 0.00
GE_PLASTICS___DRP 24183	29.33 0.72 0.00	23.68 0.63 0.00	20.87 0.48 0.00	20.94 0.54 0.00	23.80 0.55 0.00	23.54 0.49 0.00	25.62 0.57 0.00	25.58 0.62 0.00	31.21 0.73 0.00	29.55 0.72 0.10	29.54 0.71 0.08	28.15 0.68 0.34	29.44 0.82 0.23	31.44 0.87 0.26	39.70 1.19 0.47	51.36 1.47 0.63	58.92 2.03 0.09	35.52 1.28 -2.71	34.64 1.23 -2.99	41.85 1.48 -1.53	56.67 1.90 0.00	50.46 1.52 0.00	38.66 1.11 0.00	30.84 0.86 0.00
GILBOA___1 23756	29.49 0.88 0.00	23.76 0.71 0.00	20.95 0.56 0.00	20.98 0.57 0.00	23.85 0.61 0.00	23.62 0.58 0.00	25.75 0.70 0.00	25.72 0.76 0.00	31.40 0.92 0.00	29.89 0.96 0.00	29.94 0.94 -0.10	28.89 0.88 -0.19	29.81 0.97 0.00	31.89 1.06 0.00	40.38 1.39 -0.01	52.23 1.70 -0.02	59.00 2.01 0.00	34.91 1.29 -2.08	33.12 1.23 -1.47	40.98 1.41 -0.72	56.53 1.76 0.00	50.46 1.51 0.00	38.77 1.22 0.00	30.94 0.96 0.00
GILBOA___2 23757	29.49 0.88 0.00	23.76 0.71 0.00	20.95 0.56 0.00	20.98 0.57 0.00	23.85 0.61 0.00	23.62 0.58 0.00	25.75 0.70 0.00	25.72 0.76 0.00	31.40 0.92 0.00	29.89 0.96 0.00	29.94 0.94 -0.10	28.89 0.88 -0.19	29.81 0.97 0.00	31.89 1.06 0.00	40.38 1.39 -0.01	52.23 1.70 -0.02	59.00 2.01 0.00	34.91 1.29 -2.08	33.12 1.23 -1.47	40.98 1.41 -0.72	56.53 1.76 0.00	50.46 1.51 0.00	38.77 1.22 0.00	30.94 0.96 0.00
GILBOA___3 23758	29.49 0.88 0.00	23.76 0.71 0.00	20.95 0.56 0.00	20.98 0.57 0.00	23.85 0.61 0.00	23.62 0.58 0.00	25.75 0.70 0.00	25.72 0.76 0.00	31.40 0.92 0.00	29.89 0.96 0.00	29.94 0.94 -0.10	28.89 0.88 -0.19	29.81 0.97 0.00	31.89 1.06 0.00	40.38 1.39 -0.01	52.23 1.70 -0.02	59.00 2.01 0.00	34.91 1.29 -2.08	33.12 1.23 -1.47	40.98 1.41 -0.72	56.53 1.76 0.00	50.46 1.51 0.00	38.77 1.22 0.00	30.94 0.96 0.00
GILBOA___4 23759	29.49 0.88 0.00	23.76 0.71 0.00	20.95 0.56 0.00	20.98 0.57 0.00	23.85 0.61 0.00	23.62 0.58 0.00	25.75 0.70 0.00	25.72 0.76 0.00	31.40 0.92 0.00	29.89 0.96 0.00	29.94 0.94 -0.10	28.89 0.88 -0.19	29.81 0.97 0.00	31.89 1.06 0.00	40.38 1.39 -0.01	52.23 1.70 -0.02	59.00 2.01 0.00	34.91 1.29 -2.08	33.12 1.23 -1.47	40.98 1.41 -0.72	56.53 1.76 0.00	50.46 1.51 0.00	38.77 1.22 0.00	30.94 0.96 0.00
GILBOA___ 23599	29.49 0.88 0.00	23.76 0.70 0.00	20.95 0.56 0.00	20.98 0.57 0.00	23.86 0.61 0.00	23.62 0.58 0.00	25.75 0.70 0.00	25.72 0.76 0.00	31.40 0.92 0.00	29.89 0.96 0.00	29.94 0.94 -0.10	28.89 0.88 -0.19	29.81 0.97 0.00	31.89 1.06 0.00	40.38 1.39 -0.01	52.23 1.70 -0.02	59.00 2.02 0.00	34.91 1.29 -2.08	33.11 1.23 -1.47	40.98 1.41 -0.72	56.53 1.76 0.00	50.46 1.52 0.00	38.77 1.22 0.00	30.94 0.96 0.00
GINNA___ 23603	27.30 -1.30 0.00	21.86 -1.19 0.00	19.29 -1.10 0.00	19.22 -1.19 0.00	21.95 -1.30 0.00	21.88 -1.16 0.00	23.95 -1.10 0.00	23.71 -1.25 0.00	29.21 -1.28 0.00	27.95 -1.01 -0.03	28.47 -1.16 -0.73	27.27 -1.18 -0.63	27.55 -1.29 0.00	29.42 -1.41 0.00	36.86 -2.11 0.00	47.96 -2.68 -0.12	53.55 -3.43 0.00	29.80 -1.97 -0.24	28.59 -2.00 -0.17	36.41 -2.52 -0.08	51.49 -3.28 0.00	45.68 -3.27 0.00	35.10 -2.45 0.00	28.31 -1.68 0.00
GLEN PARK___ 23778	28.31 -0.29 0.00	23.02 -0.04 0.00	20.43 0.04 0.00	20.48 0.07 0.00	23.44 0.19 0.00	23.25 0.21 0.00	25.47 0.41 0.00	25.35 0.40 0.00	30.72 0.24 0.00	28.98 0.03 -0.02	29.20 -0.12 -0.42	27.89 -0.28 -0.36	28.46 -0.38 0.00	30.38 -0.45 0.00	38.67 -0.30 0.00	50.12 -0.47 -0.07	57.01 0.03 0.00	32.14 0.49 -0.11	30.90 0.47 -0.01	39.74 0.89 0.00	56.58 1.81 0.00	50.41 1.46 0.00	38.41 0.86 0.00	30.45 0.47 0.00
GLENDALE_27_KV_LOAD 356172	30.75 2.15 0.00	24.74 1.68 0.00	21.74 1.34 0.00	21.71 1.30 0.00	24.64 1.39 0.00	24.41 1.37 0.00	26.74 1.69 0.00	26.86 1.90 0.00	32.75 2.27 0.00	31.46 2.40 -0.13	31.54 2.38 -0.26	31.60 2.31 -1.48	31.59 2.48 -0.27	33.84 2.72 -0.30	43.25 3.61 -0.66	56.22 4.92 -0.78	63.11 6.02 -0.11	37.15 3.48 -2.12	35.08 3.07 -1.60	43.11 3.47 -0.79	59.38 4.61 0.00	52.80 3.86 0.00	40.44 2.89 0.00	32.34 2.36 0.00

GLENWOOD_IC_1_G5 23712	31.88 2.28 -0.99	26.65 1.78 -1.81	22.71 1.45 -0.87	21.83 1.42 0.00	24.78 1.53 0.00	24.50 1.46 0.00	26.80 1.75 0.00	26.89 1.93 0.00	32.84 2.36 0.00	31.51 2.45 -0.13	31.65 2.49 -0.26	33.56 2.41 -3.34	33.33 2.54 -1.95	34.70 2.87 -1.00	43.21 3.58 -0.66	56.02 4.73 -0.78	65.92 5.86 -3.08	64.48 3.38 -29.56	71.96 3.05 -38.49	43.09 3.45 -0.79	59.20 4.44 0.00	52.55 3.61 0.00	40.25 2.71 0.00	33.53 2.27 -1.28
GLENWOOD_IC_2_G1 23688	31.69 2.08 -1.00	26.50 1.63 -1.81	22.58 1.32 -0.87	21.71 1.30 0.00	24.63 1.38 0.00	24.36 1.32 0.00	26.64 1.59 0.00	26.73 1.77 0.00	32.62 2.13 0.00	31.30 2.24 -0.13	31.44 2.28 -0.26	33.37 2.22 -3.34	33.16 2.37 -1.95	34.44 2.60 -1.01	43.02 3.38 -0.66	55.88 4.59 -0.78	65.73 5.67 -3.08	64.38 3.28 -29.56	71.88 2.96 -38.49	43.00 3.36 -0.80	59.14 4.37 0.00	52.53 3.59 0.00	40.24 2.70 0.00	33.49 2.23 -1.29
GLENWOOD_IC_3_G1 23689	31.69 2.08 -1.00	26.50 1.63 -1.81	22.58 1.32 -0.87	21.71 1.30 0.00	24.63 1.38 0.00	24.36 1.32 0.00	26.64 1.59 0.00	26.73 1.77 0.00	32.62 2.13 0.00	31.30 2.24 -0.13	31.44 2.28 -0.26	33.37 2.22 -3.34	33.16 2.37 -1.95	34.44 2.60 -1.01	43.02 3.38 -0.66	55.88 4.59 -0.78	65.73 5.67 -3.08	64.38 3.28 -29.56	71.88 2.96 -38.49	43.00 3.36 -0.80	59.14 4.37 0.00	52.53 3.59 0.00	40.24 2.70 0.00	33.49 2.23 -1.29
GLENWOOD___4 23550	31.88 2.28 -0.99	26.65 1.78 -1.81	22.71 1.45 -0.87	21.83 1.42 0.00	24.78 1.53 0.00	24.50 1.46 0.00	26.80 1.75 0.00	26.89 1.93 0.00	32.84 2.36 0.00	31.51 2.45 -0.13	31.65 2.49 -0.26	33.57 2.42 -3.34	33.35 2.56 -1.95	34.70 2.87 -1.00	43.28 3.64 -0.66	56.15 4.86 -0.78	66.05 5.99 -3.08	64.56 3.46 -29.56	72.03 3.12 -38.49	43.18 3.54 -0.79	59.34 4.57 0.00	52.66 3.72 0.00	40.34 2.80 0.00	33.61 2.34 -1.28
GLENWOOD___5 23614	31.88 2.28 -0.99	26.65 1.78 -1.81	22.71 1.45 -0.87	21.83 1.42 0.00	24.78 1.53 0.00	24.50 1.46 0.00	26.80 1.75 0.00	26.89 1.93 0.00	32.84 2.36 0.00	31.51 2.45 -0.13	31.65 2.49 -0.26	33.57 2.42 -3.34	33.35 2.56 -1.95	34.70 2.87 -1.00	43.28 3.64 -0.66	56.15 4.86 -0.78	66.05 5.99 -3.08	64.56 3.46 -29.56	72.03 3.12 -38.49	43.18 3.54 -0.79	59.34 4.57 0.00	52.66 3.72 0.00	40.34 2.80 0.00	33.61 2.34 -1.28
GLOBAL GREEN_PORT_GT1 23814	34.30 4.70 -1.00	28.61 3.74 -1.82	24.41 3.15 -0.87	23.47 3.06 0.00	26.66 3.41 0.00	26.30 3.26 0.00	28.63 3.58 0.00	28.72 3.76 0.00	35.37 4.88 0.00	34.11 5.05 -0.13	34.28 5.00 -0.38	44.43 4.34 -12.28	35.32 4.48 -2.00	36.98 4.90 -1.26	46.14 6.15 -1.02	59.55 8.26 -0.78	216.94 9.96 -150.00	315.75 5.60 -278.61	151.18 5.20 -115.57	71.27 6.22 -26.20	62.77 7.99 -0.01	55.15 6.20 0.00	43.20 5.65 0.00	36.16 4.89 -1.29
GLOBE___DSASP 323697	27.83 -0.78 0.00	22.19 -0.87 0.00	19.59 -0.81 0.00	19.42 -0.99 0.00	22.22 -1.03 0.00	22.21 -0.83 0.00	24.37 -0.69 0.00	23.83 -1.13 0.00	29.60 -0.88 0.00	28.51 -0.45 -0.03	28.78 -0.81 -0.68	27.48 -0.93 -0.59	27.67 -1.18 0.00	29.48 -1.34 0.00	36.28 -2.69 0.00	47.06 -3.56 -0.10	52.02 -4.94 0.02	28.94 -2.88 -0.28	27.69 -2.94 -0.21	35.39 -3.57 -0.11	50.32 -4.44 0.00	44.49 -4.44 0.02	34.57 -2.98 0.00	28.53 -1.45 0.00
GOETHSLN___LBMP 323567	30.44 1.83 0.00	24.47 1.41 0.00	21.50 1.11 0.00	21.47 1.07 0.00	24.37 1.12 0.00	24.13 1.09 0.00	26.42 1.37 0.00	26.53 1.56 0.00	32.28 1.80 0.00	31.03 1.97 -0.13	31.16 2.01 -0.26	31.24 1.95 -1.48	31.19 2.09 -0.27	33.42 2.30 -0.30	38.08 3.05 3.95	55.53 4.24 -0.78	62.35 5.26 -0.11	36.73 3.08 -2.12	34.71 2.70 -1.60	42.61 2.97 -0.79	58.72 3.95 0.00	52.18 3.24 0.00	39.97 2.42 0.00	31.92 1.94 0.00
GOLAH___69_KV_TB 1_2 80279	28.88 0.27 0.00	23.09 0.04 0.00	20.38 -0.01 0.00	20.28 -0.13 0.00	23.19 -0.06 0.00	23.14 0.10 0.00	25.33 0.27 0.00	25.00 0.04 0.00	30.84 0.35 0.00	29.54 0.59 -0.03	29.96 0.34 -0.72	28.68 0.24 -0.62	28.98 0.14 0.00	30.97 0.14 0.00	38.65 -0.33 0.00	50.28 -0.36 -0.12	56.03 -0.95 0.00	31.17 -0.62 -0.25	29.88 -0.72 -0.18	38.11 -0.83 -0.09	54.03 -0.74 0.00	47.85 -1.10 0.00	36.84 -0.71 0.00	29.85 -0.13 0.00
GOODYEAR_LAKE_HYD 323669	29.87 1.26 0.00	23.99 0.94 0.00	21.18 0.79 0.00	21.16 0.76 0.00	24.12 0.87 0.00	23.96 0.92 0.00	26.18 1.13 0.00	26.15 1.19 0.00	31.98 1.49 0.00	30.45 1.51 -0.01	30.52 1.43 -0.19	29.30 1.32 -0.17	30.15 1.31 0.00	32.29 1.46 0.00	40.83 1.86 0.00	53.03 2.48 -0.03	59.72 2.74 0.00	33.56 1.65 -0.37	33.65 1.51 -1.72	41.59 1.82 -0.93	57.31 2.54 0.00	51.12 2.17 0.00	39.14 1.60 0.00	31.24 1.26 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.15 0.54 0.00	23.30 0.25 0.00	20.60 0.21 0.00	20.56 0.15 0.00	23.47 0.21 0.00	23.33 0.29 0.00	25.57 0.51 0.00	25.46 0.50 0.00	31.23 0.75 0.00	29.77 0.82 -0.02	29.96 0.62 -0.44	28.66 0.46 -0.38	29.20 0.35 0.00	31.35 0.52 0.00	39.54 0.57 0.00	51.47 0.88 -0.08	57.79 0.81 0.00	32.68 0.52 -0.62	31.27 0.33 -0.52	39.53 0.42 -0.26	55.40 0.63 0.00	49.35 0.41 0.00	37.78 0.23 0.00	30.23 0.25 0.00
GOUDEY___7 23579	29.18 0.57 0.00	23.32 0.27 0.00	20.62 0.22 0.00	20.57 0.16 0.00	23.49 0.23 0.00	23.35 0.31 0.00	25.59 0.53 0.00	25.49 0.53 0.00	31.27 0.78 0.00	29.80 0.85 -0.02	30.00 0.65 -0.44	28.70 0.49 -0.38	29.23 0.39 0.00	31.38 0.56 0.00	39.59 0.61 0.00	51.54 0.94 -0.08	57.87 0.89 0.00	32.72 0.56 -0.62	31.31 0.37 -0.52	39.57 0.47 -0.26	55.46 0.69 0.00	49.40 0.46 0.00	37.82 0.27 0.00	30.25 0.27 0.00
GOUDEY___8 23580	29.15 0.54 0.00	23.30 0.25 0.00	20.60 0.21 0.00	20.56 0.15 0.00	23.47 0.21 0.00	23.33 0.29 0.00	25.57 0.51 0.00	25.46 0.50 0.00	31.23 0.75 0.00	29.77 0.82 -0.02	29.96 0.62 -0.44	28.66 0.46 -0.38	29.20 0.35 0.00	31.35 0.52 0.00	39.54 0.57 0.00	51.47 0.88 -0.08	57.79 0.81 0.00	32.68 0.52 -0.62	31.27 0.33 -0.52	39.53 0.42 -0.26	55.40 0.63 0.00	49.35 0.41 0.00	37.78 0.23 0.00	30.23 0.25 0.00
GOWANUS_GT1_1 24077	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT1_2 24078	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00

GOWANUS_GT1_3 24079	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT1_4 24080	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT1_5 24084	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT1_6 24111	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT1_7 24112	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT1_8 24113	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT2_1 24114	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT2_2 24115	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT2_3 24116	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT2_4 24117	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT2_5 24118	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT2_6 24119	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT2_7 24120	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT2_8 24121	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT3_1 24122	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00

GOWANUS_GT3_2 24123	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT3_3 24124	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT3_4 24125	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT3_5 24126	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT3_6 24127	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT3_7 24128	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT3_8 24129	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT4_1 24130	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT4_2 24131	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT4_3 24132	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT4_4 24133	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT4_5 24134	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT4_6 24135	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT4_7 24136	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GOWANUS_GT4_8 24137	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00

GREENBSH_115KV_TB3 55895	29.16 0.55 0.00	23.56 0.51 0.00	20.77 0.37 0.00	20.86 0.45 0.00	23.69 0.44 0.00	23.42 0.38 0.00	25.48 0.43 0.00	25.43 0.47 0.00	31.04 0.56 0.00	29.35 0.55 0.14	29.33 0.55 0.12	27.85 0.53 0.50	29.24 0.69 0.29	31.22 0.73 0.33	39.37 1.01 0.61	50.91 1.22 0.82	58.69 1.83 0.12	35.42 1.17 -2.72	34.90 1.14 -3.34	41.94 1.37 -1.72	56.50 1.73 0.00	50.29 1.34 0.00	38.52 0.97 0.00	30.71 0.72 0.00
GREENDGE_115KV_TB5 80291	29.04 0.43 0.00	23.32 0.26 0.00	20.58 0.18 0.00	20.51 0.10 0.00	23.45 0.20 0.00	23.40 0.36 0.00	25.75 0.70 0.00	25.59 0.63 0.00	31.24 0.76 0.00	29.86 0.91 -0.02	30.27 0.76 -0.61	28.93 0.59 -0.52	29.30 0.45 0.00	31.22 0.40 0.00	39.27 0.30 0.00	51.23 0.61 -0.10	57.41 0.43 0.00	32.23 0.31 -0.39	30.83 0.11 -0.30	39.12 0.12 -0.15	55.10 0.33 0.00	48.86 -0.09 0.00	37.43 -0.12 0.00	30.08 0.10 0.00
GREENIDGE___3 23582	29.04 0.43 0.00	23.32 0.26 0.00	20.58 0.18 0.00	20.51 0.10 0.00	23.45 0.20 0.00	23.40 0.36 0.00	25.75 0.70 0.00	25.59 0.63 0.00	31.24 0.76 0.00	29.86 0.91 -0.02	30.27 0.76 -0.61	28.93 0.59 -0.52	29.30 0.45 0.00	31.22 0.40 0.00	39.27 0.30 0.00	51.23 0.61 -0.10	57.41 0.43 0.00	32.23 0.31 -0.39	30.83 0.11 -0.30	39.12 0.12 -0.15	55.10 0.33 0.00	48.86 -0.09 0.00	37.43 -0.12 0.00	30.08 0.10 0.00
GREENIDGE___4 23583	29.05 0.44 0.00	23.31 0.26 0.00	20.58 0.18 0.00	20.52 0.10 0.00	23.46 0.21 0.00	23.40 0.36 0.00	25.75 0.70 0.00	25.58 0.63 0.00	31.24 0.76 0.00	29.84 0.89 -0.02	30.27 0.76 -0.61	28.93 0.59 -0.52	29.30 0.45 0.00	31.22 0.39 0.00	39.27 0.30 0.00	51.22 0.60 -0.10	57.41 0.43 0.00	32.23 0.30 -0.39	30.83 0.11 -0.30	39.12 0.12 -0.15	55.10 0.33 0.00	48.85 -0.09 0.00	37.43 -0.12 0.00	30.09 0.11 0.00
GREENLWN_69_KV_BK 3 55738	32.00 2.40 -0.99	26.78 1.91 -1.81	22.84 1.58 -0.87	21.96 1.55 0.00	24.93 1.68 0.00	24.60 1.55 0.00	26.87 1.82 0.00	26.95 1.99 0.00	32.99 2.51 0.00	31.64 2.58 -0.13	31.58 2.43 -0.25	33.32 2.42 -3.09	33.45 2.67 -1.95	34.65 2.87 -0.96	43.10 3.54 -0.59	56.03 4.73 -0.78	54.75 6.17 8.40	50.60 3.50 -15.56	63.07 3.19 -29.46	42.55 3.63 -0.06	59.25 4.48 0.00	52.44 3.49 0.00	40.35 2.80 0.00	33.79 2.53 -1.28
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
GRISSOM___SOLAR 323813	31.41 2.80 0.00	25.19 2.13 0.00	22.15 1.76 0.00	22.14 1.73 0.00	25.29 2.04 0.00	25.12 2.08 0.00	27.78 2.73 0.00	26.97 2.01 0.00	33.14 2.65 0.00	31.05 2.22 0.10	30.76 1.92 0.05	28.03 0.55 0.34	29.69 1.07 0.22	31.79 1.21 0.25	40.67 2.15 0.46	52.25 2.34 0.61	60.83 3.94 0.09	37.49 2.72 -3.23	38.85 3.87 -4.57	46.41 5.20 -2.37	62.30 7.53 0.00	55.37 6.43 0.00	42.16 4.61 0.00	33.51 3.53 0.00
GROVEVILLE___HYD 323602	30.50 1.89 0.00	24.53 1.47 0.00	21.57 1.18 0.00	21.58 1.17 0.00	24.49 1.24 0.00	24.26 1.22 0.00	26.51 1.45 0.00	26.60 1.64 0.00	32.46 1.97 0.00	31.13 2.10 -0.10	31.27 2.15 -0.21	30.57 2.08 -0.68	31.28 2.24 -0.20	33.54 2.49 -0.23	42.71 3.29 -0.44	55.66 4.55 -0.60	62.55 5.49 -0.08	36.89 3.22 -2.13	34.95 2.91 -1.62	43.02 3.37 -0.80	59.26 4.49 0.00	52.64 3.70 0.00	40.26 2.71 0.00	32.11 2.13 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.66 0.06 0.00	23.02 -0.03 0.00	20.33 -0.06 0.00	20.32 -0.09 0.00	23.18 -0.07 0.00	23.01 -0.03 0.00	25.18 0.13 0.00	25.02 0.06 0.00	30.60 0.12 0.00	29.13 0.17 -0.03	29.68 0.10 -0.68	28.46 0.06 -0.59	28.85 0.01 0.00	30.86 0.04 0.00	38.96 -0.01 0.00	50.66 0.03 -0.11	56.95 -0.03 0.00	31.78 0.03 -0.21	30.51 -0.05 -0.14	38.80 -0.11 -0.07	54.64 -0.13 0.00	48.66 -0.29 0.00	37.28 -0.27 0.00	29.83 -0.15 0.00
HAMLTNNY_34_KV_TB 80303	28.75 0.14 0.00	23.10 0.05 0.00	20.41 0.02 0.00	20.40 -0.01 0.00	23.27 0.02 0.00	23.10 0.06 0.00	25.26 0.21 0.00	25.09 0.13 0.00	30.73 0.25 0.00	29.24 0.28 -0.03	29.81 0.23 -0.68	28.54 0.14 -0.58	28.97 0.14 0.00	30.98 0.16 0.00	39.11 0.14 0.00	50.88 0.25 -0.11	57.16 0.18 0.00	31.89 0.13 -0.22	30.62 0.05 -0.15	38.94 0.02 -0.08	54.85 0.08 0.00	48.79 -0.16 0.00	37.39 -0.16 0.00	29.93 -0.05 0.00
HAMPSHIRE___PAPER_HYD 323593	27.44 -1.16 0.00	22.29 -0.77 0.00	19.80 -0.59 0.00	19.92 -0.49 0.00	22.78 -0.47 0.00	22.51 -0.54 0.00	24.47 -0.59 0.00	24.38 -0.58 0.00	29.65 -0.84 0.00	27.94 -1.00 -0.01	28.10 -0.99 -0.19	27.05 -0.93 -0.17	27.85 -0.99 0.00	29.72 -1.11 0.00	37.73 -1.24 0.00	48.93 -1.61 -0.03	55.29 -1.69 0.00	30.75 -0.85 -0.05	29.72 -0.70 0.00	38.15 -0.70 0.00	54.10 -0.68 0.00	48.39 -0.56 0.00	37.00 -0.55 0.00	29.37 -0.61 0.00
HARDSCRABBLE_WT_PWR 323673	28.65 0.04 0.00	22.97 -0.08 0.00	20.26 -0.14 0.00	20.28 -0.13 0.00	23.07 -0.18 0.00	22.88 -0.17 0.00	25.08 0.02 0.00	25.06 0.10 0.00	30.55 0.06 0.00	28.97 0.04 0.00	28.85 -0.06 0.00	27.62 -0.19 0.00	28.72 -0.12 0.00	30.84 0.02 0.00	39.24 0.27 0.00	50.82 0.31 0.00	57.82 0.84 0.00	32.37 0.83 0.00	31.34 0.91 0.00	39.97 1.12 0.00	56.14 1.37 0.00	49.97 1.02 0.00	38.22 0.67 0.00	30.39 0.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.25 1.64 0.00	24.29 1.23 0.00	21.36 0.97 0.00	21.36 0.96 0.00	24.25 0.99 0.00	24.01 0.97 0.00	26.33 1.27 0.00	26.41 1.45 0.00	32.24 1.75 0.00	30.92 1.88 -0.11	31.08 1.95 -0.23	29.59 1.87 0.09	31.10 2.03 -0.23	33.33 2.25 -0.25	42.36 2.99 -0.40	55.32 4.14 -0.66	62.22 5.15 -0.09	36.52 3.02 -1.96	34.58 2.69 -1.47	42.60 3.02 -0.73	58.81 4.04 0.00	52.27 3.32 0.00	39.95 2.40 0.00	31.86 1.88 0.00
HARSNRAD_115KV_TB1 81005	28.35 -0.26 0.00	22.63 -0.42 0.00	19.98 -0.41 0.00	19.83 -0.58 0.00	22.67 -0.58 0.00	22.68 -0.37 0.00	24.90 -0.15 0.00	24.35 -0.61 0.00	30.25 -0.24 0.00	29.10 0.15 -0.03	29.41 -0.18 -0.68	28.07 -0.34 -0.59	28.27 -0.57 0.00	30.17 -0.66 0.00	37.38 -1.60 0.00	48.54 -2.10 -0.12	53.63 -3.36 -0.01	29.85 -2.00 -0.31	28.56 -2.09 -0.23	36.49 -2.47 -0.11	51.88 -2.90 0.00	45.87 -3.08 -0.01	35.55 -2.00 0.00	29.13 -0.85 0.00
HARZA MOOSE___RIVER 24016	28.47 -0.14 0.00	23.06 0.00 0.00	20.46 0.06 0.00	20.49 0.09 0.00	23.40 0.15 0.00	23.22 0.18 0.00	25.39 0.34 0.00	25.31 0.35 0.00	30.88 0.40 0.00	29.25 0.31 -0.01	29.39 0.26 -0.22	28.20 0.19 -0.19	29.01 0.18 0.00	31.01 0.18 0.00	39.33 0.35 0.00	51.04 0.49 -0.04	57.73 0.75 0.00	32.20 0.59 -0.07	31.05 0.63 0.00	39.74 0.89 0.00	56.16 1.39 0.00	50.04 1.10 0.00	38.20 0.65 0.00	30.37 0.39 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	28.47 -0.14 0.00	22.86 -0.19 0.00	20.20 -0.19 0.00	20.18 -0.22 0.00	23.01 -0.24 0.00	22.86 -0.18 0.00	24.95 -0.10 0.00	24.80 -0.16 0.00	30.36 -0.13 0.00	28.89 -0.06 -0.03	29.44 -0.14 -0.68	28.24 -0.16 -0.58	28.61 -0.23 0.00	30.60 -0.23 0.00	38.62 -0.36 0.00	50.19 -0.44 -0.11	56.40 -0.58 0.00	31.44 -0.28 -0.19	30.07 -0.36 -0.01	38.35 -0.50 0.00	54.09 -0.68 0.00	48.18 -0.77 0.00	36.93 -0.62 0.00	29.56 -0.42 0.00
HELLGATE_13_KV_LD 55870	30.58 1.97 0.00	24.60 1.55 0.00	21.62 1.23 0.00	21.61 1.20 0.00	24.52 1.27 0.00	24.29 1.25 0.00	26.61 1.56 0.00	26.72 1.76 0.00	32.56 2.07 0.00	31.27 2.21 -0.13	31.34 2.18 -0.26	31.42 2.13 -1.48	31.41 2.30 -0.27	33.64 2.51 -0.30	42.98 3.33 -0.66	55.85 4.55 -0.78	62.70 5.61 -0.11	36.92 3.26 -2.12	34.88 2.86 -1.60	42.84 3.20 -0.79	59.03 4.26 0.00	52.47 3.53 0.00	40.20 2.66 0.00	32.15 2.16 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.58 1.97 0.00	24.60 1.55 0.00	21.62 1.23 0.00	21.61 1.20 0.00	24.52 1.27 0.00	24.29 1.25 0.00	26.61 1.56 0.00	26.72 1.76 0.00	32.56 2.07 0.00	31.27 2.21 -0.13	31.34 2.18 -0.26	31.42 2.13 -1.48	31.41 2.30 -0.27	33.64 2.51 -0.30	42.98 3.33 -0.66	55.85 4.55 -0.78	62.70 5.61 -0.11	36.92 3.26 -2.12	34.88 2.86 -1.60	42.84 3.20 -0.79	59.03 4.26 0.00	52.47 3.53 0.00	40.20 2.66 0.00	32.15 2.16 0.00
HEMPSTEAD____ 23647	31.91 2.31 -1.00	26.70 1.83 -1.81	22.76 1.49 -0.87	21.88 1.47 0.00	24.83 1.58 0.00	24.54 1.50 0.00	26.83 1.78 0.00	26.91 1.95 0.00	32.86 2.37 0.00	31.51 2.45 -0.13	31.58 2.42 -0.26	33.55 2.40 -3.34	33.35 2.56 -1.95	34.64 2.81 -1.01	43.18 3.54 -0.66	56.05 4.75 -0.78	65.98 5.92 -3.08	64.51 3.41 -29.56	72.01 3.10 -38.49	43.18 3.54 -0.80	59.27 4.50 0.00	52.59 3.64 0.00	40.39 2.84 0.00	33.71 2.44 -1.29
HEWLETT__69_KV_BK3 55828	32.33 2.73 -0.99	26.98 2.11 -1.81	23.00 1.74 -0.87	22.11 1.70 0.00	25.08 1.83 0.00	24.77 1.73 0.00	27.09 2.04 0.00	27.16 2.20 0.00	33.15 2.67 0.00	31.75 2.68 -0.13	31.85 2.69 -0.26	33.82 2.67 -3.34	33.64 2.84 -1.95	34.89 3.06 -1.00	43.58 3.94 -0.66	56.65 5.35 -0.78	66.67 6.62 -3.08	64.90 3.80 -29.56	72.41 3.50 -38.49	43.71 4.07 -0.79	60.03 5.26 0.00	53.34 4.40 0.00	40.97 3.42 0.00	34.15 2.89 -1.28
HICKLING___1 23621	29.41 0.80 0.00	23.42 0.37 0.00	20.72 0.33 0.00	20.63 0.22 0.00	23.62 0.36 0.00	23.56 0.51 0.00	25.87 0.81 0.00	25.71 0.76 0.00	31.67 1.18 0.00	30.25 1.30 -0.02	30.47 1.03 -0.54	29.03 0.75 -0.47	29.38 0.54 0.00	31.60 0.78 0.00	39.75 0.78 0.00	51.82 1.22 -0.09	57.92 0.94 0.00	32.57 0.54 -0.49	31.03 0.21 -0.39	39.34 0.29 -0.20	55.36 0.60 0.00	49.18 0.23 0.00	37.64 0.09 0.00	30.18 0.20 0.00
HICKLING___2 23622	29.41 0.80 0.00	23.42 0.37 0.00	20.72 0.33 0.00	20.63 0.22 0.00	23.62 0.36 0.00	23.56 0.51 0.00	25.87 0.81 0.00	25.71 0.76 0.00	31.67 1.18 0.00	30.25 1.30 -0.02	30.47 1.03 -0.54	29.03 0.75 -0.47	29.38 0.54 0.00	31.60 0.78 0.00	39.75 0.78 0.00	51.82 1.22 -0.09	57.92 0.94 0.00	32.57 0.54 -0.49	31.03 0.21 -0.39	39.34 0.29 -0.20	55.36 0.60 0.00	49.18 0.23 0.00	37.64 0.09 0.00	30.18 0.20 0.00
HIGH FALLS___HY 23754	30.40 1.80 0.00	24.37 1.31 0.00	21.43 1.04 0.00	21.40 0.99 0.00	24.29 1.04 0.00	24.08 1.04 0.00	26.42 1.37 0.00	26.56 1.60 0.00	32.48 2.00 0.00	31.03 2.04 -0.06	31.26 2.19 -0.16	30.23 2.08 -0.34	31.13 2.18 -0.11	33.32 2.38 -0.12	42.34 3.13 -0.23	55.28 4.44 -0.33	62.56 5.54 -0.04	36.97 3.34 -2.10	35.08 2.93 -1.73	43.07 3.36 -0.86	59.26 4.50 0.00	52.65 3.70 0.00	40.24 2.70 0.00	32.07 2.09 0.00
HILLBURN___GT 23639	30.17 1.56 0.00	24.21 1.16 0.00	21.28 0.89 0.00	21.29 0.88 0.00	24.16 0.91 0.00	23.92 0.88 0.00	26.27 1.22 0.00	26.37 1.41 0.00	32.17 1.69 0.00	30.88 1.84 -0.11	31.05 1.91 -0.24	29.44 1.82 0.20	31.04 1.97 -0.23	33.28 2.19 -0.27	42.29 2.91 -0.41	55.23 4.03 -0.68	62.07 5.00 -0.09	36.46 2.93 -1.99	34.48 2.57 -1.50	42.43 2.84 -0.74	58.55 3.78 0.00	52.06 3.12 0.00	39.80 2.25 0.00	31.75 1.77 0.00
HILLSIDE_115KV_TB1 80332	28.98 0.37 0.00	23.04 -0.02 0.00	20.39 0.00 0.00	20.31 -0.10 0.00	23.24 -0.01 0.00	23.16 0.12 0.00	25.49 0.43 0.00	25.37 0.41 0.00	31.22 0.74 0.00	29.80 0.85 -0.02	30.01 0.58 -0.53	28.56 0.28 -0.46	28.90 0.06 0.00	31.13 0.31 0.00	39.20 0.23 0.00	51.12 0.51 -0.09	57.11 0.13 0.00	32.14 0.10 -0.51	30.64 -0.19 -0.41	38.86 -0.19 -0.20	54.63 -0.14 0.00	48.63 -0.32 0.00	37.20 -0.35 0.00	29.78 -0.20 0.00
HISHELDN_WT_PWR 323625	28.78 0.17 0.00	22.94 -0.12 0.00	20.26 -0.13 0.00	20.13 -0.28 0.00	23.04 -0.21 0.00	23.01 -0.03 0.00	25.30 0.25 0.00	24.90 -0.06 0.00	30.89 0.40 0.00	29.64 0.68 -0.03	29.91 0.36 -0.64	28.54 0.16 -0.56	28.76 -0.08 0.00	30.78 -0.05 0.00	38.30 -0.67 0.00	49.79 -0.84 -0.11	55.20 -1.78 0.00	30.79 -1.11 -0.36	29.36 -1.34 -0.27	37.35 -1.64 -0.13	52.98 -1.80 0.00	46.91 -2.04 0.00	36.23 -1.32 0.00	29.47 -0.51 0.00
HOLTSVILLE_IC_1 23690	32.56 2.95 -1.00	27.27 2.40 -1.82	23.27 2.01 -0.87	22.35 1.94 0.00	25.38 2.13 0.00	25.04 2.00 0.00	27.32 2.27 0.00	27.37 2.41 0.00	33.52 3.04 0.00	32.15 3.09 -0.13	32.21 2.93 -0.38	43.09 2.89 -12.38	33.94 3.10 -2.00	35.40 3.32 -1.26	43.99 4.01 -1.01	56.62 5.32 -0.78	214.24 6.66 -150.59	315.75 3.76 -280.45	149.31 3.47 -115.42	69.43 4.09 -26.49	59.93 5.16 -0.01	52.97 4.03 0.00	40.87 3.32 0.00	34.29 3.02 -1.29
HOLTSVILLE_IC_10 23699	32.80 3.20 -1.00	27.46 2.59 -1.82	23.44 2.18 -0.87	22.51 2.10 0.00	25.56 2.31 0.00	25.22 2.18 0.00	27.49 2.43 0.00	27.54 2.58 0.00	33.77 3.28 0.00	32.41 3.34 -0.13	32.46 3.19 -0.37	42.84 3.15 -11.87	34.23 3.39 -2.00	35.72 3.64 -1.26	44.40 4.40 -1.03	57.14 5.85 -0.78	210.95 7.27 -146.70	306.11 4.10 -270.47	149.46 3.79 -115.24	68.37 4.48 -25.04	60.45 5.67 -0.01	53.41 4.46 0.00	41.19 3.64 0.00	34.53 3.27 -1.29
HOLTSVILLE_IC_2 23691	32.56 2.95 -1.00	27.27 2.40 -1.82	23.27 2.01 -0.87	22.35 1.94 0.00	25.38 2.13 0.00	25.04 2.00 0.00	27.32 2.27 0.00	27.37 2.41 0.00	33.52 3.04 0.00	32.15 3.09 -0.13	32.21 2.93 -0.38	43.09 2.89 -12.38	33.94 3.10 -2.00	35.40 3.32 -1.26	43.99 4.01 -1.01	56.62 5.32 -0.78	214.24 6.66 -150.59	315.75 3.76 -280.45	149.31 3.47 -115.42	69.43 4.09 -26.49	59.93 5.16 -0.01	52.97 4.03 0.00	40.87 3.32 0.00	34.29 3.02 -1.29
HOLTSVILLE_IC_3 23692	32.56 2.95 -1.00	27.27 2.40 -1.82	23.27 2.01 -0.87	22.35 1.94 0.00	25.38 2.13 0.00	25.04 2.00 0.00	27.32 2.27 0.00	27.37 2.41 0.00	33.52 3.04 0.00	32.15 3.09 -0.13	32.21 2.93 -0.38	43.09 2.89 -12.38	33.94 3.10 -2.00	35.40 3.32 -1.26	43.99 4.01 -1.01	56.62 5.32 -0.78	214.24 6.66 -150.59	315.75 3.76 -280.45	149.31 3.47 -115.42	69.43 4.09 -26.49	59.93 5.16 -0.01	52.97 4.03 0.00	40.87 3.32 0.00	34.29 3.02 -1.29

HOLTSVILLE_IC_4 23693	32.56 2.95 -1.00	27.27 2.40 -1.82	23.27 2.01 -0.87	22.35 1.94 0.00	25.38 2.13 0.00	25.04 2.00 0.00	27.32 2.27 0.00	27.37 2.41 0.00	33.52 3.04 0.00	32.15 3.09 -0.13	32.21 2.93 -0.38	43.09 2.89 -12.38	33.94 3.10 -2.00	35.40 3.32 -1.26	43.99 4.01 -1.01	56.62 5.32 -0.78	214.24 6.66 -150.59	315.75 3.76 -280.45	149.31 3.47 -115.42	69.43 4.09 -26.49	59.93 5.16 -0.01	52.97 4.03 0.00	40.87 3.32 0.00	34.29 3.02 -1.29
HOLTSVILLE_IC_5 23694	32.56 2.95 -1.00	27.27 2.40 -1.82	23.27 2.01 -0.87	22.35 1.94 0.00	25.38 2.13 0.00	25.04 2.00 0.00	27.32 2.27 0.00	27.37 2.41 0.00	33.52 3.04 0.00	32.15 3.09 -0.13	32.21 2.93 -0.38	43.09 2.89 -12.38	33.94 3.10 -2.00	35.40 3.32 -1.26	43.99 4.01 -1.01	56.62 5.32 -0.78	214.24 6.66 -150.59	315.75 3.76 -280.45	149.31 3.47 -115.42	69.43 4.09 -26.49	59.93 5.16 -0.01	52.97 4.03 0.00	40.87 3.32 0.00	34.29 3.02 -1.29
HOLTSVILLE_IC_6 23695	32.80 3.20 -1.00	27.46 2.59 -1.82	23.44 2.18 -0.87	22.51 2.10 0.00	25.56 2.31 0.00	25.22 2.18 0.00	27.49 2.43 0.00	27.54 2.58 0.00	33.77 3.28 0.00	32.41 3.34 -0.13	32.46 3.19 -0.37	42.84 3.15 -11.87	34.23 3.39 -2.00	35.72 3.64 -1.26	44.40 4.40 -1.03	57.14 5.85 -0.78	210.95 7.27 -146.70	306.11 4.10 -270.47	149.46 3.79 -115.24	68.37 4.48 -25.04	60.45 5.67 -0.01	53.41 4.46 0.00	41.19 3.64 0.00	34.53 3.27 -1.29
HOLTSVILLE_IC_7 23696	32.80 3.20 -1.00	27.46 2.59 -1.82	23.44 2.18 -0.87	22.51 2.10 0.00	25.56 2.31 0.00	25.22 2.18 0.00	27.49 2.43 0.00	27.54 2.58 0.00	33.77 3.28 0.00	32.41 3.34 -0.13	32.46 3.19 -0.37	42.84 3.15 -11.87	34.23 3.39 -2.00	35.72 3.64 -1.26	44.40 4.40 -1.03	57.14 5.85 -0.78	210.95 7.27 -146.70	306.11 4.10 -270.47	149.46 3.79 -115.24	68.37 4.48 -25.04	60.45 5.67 -0.01	53.41 4.46 0.00	41.19 3.64 0.00	34.53 3.27 -1.29
HOLTSVILLE_IC_8 23697	32.80 3.20 -1.00	27.46 2.59 -1.82	23.44 2.18 -0.87	22.51 2.10 0.00	25.56 2.31 0.00	25.22 2.18 0.00	27.49 2.43 0.00	27.54 2.58 0.00	33.77 3.28 0.00	32.41 3.34 -0.13	32.46 3.19 -0.37	42.84 3.15 -11.87	34.23 3.39 -2.00	35.72 3.64 -1.26	44.40 4.40 -1.03	57.14 5.85 -0.78	210.95 7.27 -146.70	306.11 4.10 -270.47	149.46 3.79 -115.24	68.37 4.48 -25.04	60.45 5.67 -0.01	53.41 4.46 0.00	41.19 3.64 0.00	34.53 3.27 -1.29
HOLTSVILLE_IC_9 23698	32.80 3.20 -1.00	27.46 2.59 -1.82	23.44 2.18 -0.87	22.51 2.10 0.00	25.56 2.31 0.00	25.22 2.18 0.00	27.49 2.43 0.00	27.54 2.58 0.00	33.77 3.28 0.00	32.41 3.34 -0.13	32.46 3.19 -0.37	42.84 3.15 -11.87	34.23 3.39 -2.00	35.72 3.64 -1.26	44.40 4.40 -1.03	57.14 5.85 -0.78	210.95 7.27 -146.70	306.11 4.10 -270.47	149.46 3.79 -115.24	68.37 4.48 -25.04	60.45 5.67 -0.01	53.41 4.46 0.00	41.19 3.64 0.00	34.53 3.27 -1.29
HOMER_HL_115KV_TB2 355744	29.51 0.90 0.00	23.38 0.32 0.00	20.67 0.27 0.00	20.57 0.16 0.00	23.57 0.32 0.00	23.54 0.50 0.00	25.95 0.89 0.00	25.71 0.75 0.00	31.88 1.40 0.00	30.54 1.58 -0.02	30.70 1.17 -0.63	28.99 0.63 -0.54	29.08 0.24 0.00	31.20 0.37 0.00	38.91 -0.07 0.00	50.57 -0.05 -0.11	56.25 -0.74 0.00	31.39 -0.53 -0.38	29.90 -0.81 -0.29	38.12 -0.87 -0.14	54.15 -0.62 0.00	48.19 -0.76 0.00	36.98 -0.57 0.00	29.97 -0.01 0.00
HOWARD_WT_PWR 323690	29.48 0.87 0.00	23.47 0.42 0.00	20.73 0.33 0.00	20.63 0.22 0.00	23.64 0.39 0.00	23.60 0.56 0.00	25.97 0.92 0.00	25.70 0.74 0.00	31.74 1.26 0.00	30.41 1.46 -0.02	30.63 1.13 -0.59	29.23 0.90 -0.52	29.52 0.68 0.00	31.62 0.80 0.00	39.52 0.55 0.00	51.56 0.95 -0.10	57.61 0.63 0.00	32.24 0.29 -0.41	30.61 3.79 -0.32	38.65 4.48 -0.16	54.66 5.67 0.00	48.36 4.46 0.00	37.36 3.64 0.00	30.22 0.24 0.00
HQ_GEN_CEDARS 23644	28.18 -0.43 0.00	22.76 -0.30 0.00	20.19 -0.20 0.00	20.35 -0.05 0.00	23.27 0.02 0.00	22.86 -0.18 0.00	24.80 -0.25 0.00	24.71 -0.25 0.00	30.11 -0.38 0.00	28.33 -0.60 0.00	28.44 -0.46 0.00	27.48 -0.34 0.00	28.44 -0.40 0.00	30.33 -0.49 0.00	38.40 -0.58 0.00	49.73 -0.79 0.00	55.94 -1.04 0.00	30.81 -0.73 0.00	29.85 -0.57 0.00	38.32 -0.53 0.00	54.26 -0.51 0.00	48.74 -0.21 0.00	37.45 -0.10 0.00	29.81 -0.17 0.00
HQ_GEN_CEDARS_PROXY 323590	28.18 -0.43 0.00	22.76 -0.30 0.00	20.19 -0.20 0.00	20.35 -0.05 0.00	23.27 0.02 0.00	22.86 -0.18 0.00	24.80 -0.25 0.00	24.71 -0.25 0.00	30.10 -0.38 0.00	28.33 -0.60 0.00	28.44 -0.46 0.00	27.45 -0.34 0.02	28.44 -0.39 0.00	30.33 -0.49 0.00	38.40 -0.58 0.00	53.85 -0.79 -4.12	56.37 -1.04 -0.43	30.81 -0.73 0.00	29.85 -0.57 0.00	38.32 -0.53 0.00	54.26 -0.51 0.00	48.74 -0.21 0.00	37.45 -0.10 0.00	29.81 -0.17 0.00
HQ_GEN_IMPORT 323601	28.36 -0.24 0.00	22.90 -0.16 0.00	20.30 -0.10 0.00	20.33 -0.08 0.00	23.19 -0.06 0.00	22.95 -0.09 0.00	24.88 -0.18 0.00	24.78 -0.18 0.00	30.23 -0.26 0.00	28.58 -0.35 0.00	28.62 -0.29 0.00	27.59 -0.22 0.00	28.58 -0.26 0.00	30.53 -0.30 0.00	38.59 -0.38 0.00	49.99 -0.53 0.00	56.22 -0.77 0.00	30.98 -0.56 0.00	29.97 -0.45 0.00	38.41 -0.44 0.00	54.26 -0.51 0.00	48.71 -0.24 0.00	37.41 -0.14 0.00	29.58 -0.15 0.25
HQ_GEN_WHEEL 23651	28.36 -0.24 0.00	22.90 -0.16 0.00	20.30 -0.10 0.00	20.33 -0.08 0.00	23.19 -0.06 0.00	22.95 -0.09 0.00	24.88 -0.18 0.00	24.78 -0.18 0.00	30.23 -0.26 0.00	28.58 -0.35 0.00	28.62 -0.29 0.00	27.59 -0.22 0.00	28.58 -0.26 0.00	30.53 -0.30 0.00	38.59 -0.38 0.00	49.99 -0.53 0.00	56.22 -0.77 0.00	30.98 -0.56 0.00	29.97 -0.45 0.00	38.41 -0.44 0.00	54.26 -0.51 0.00	48.71 -0.24 0.00	37.41 -0.14 0.00	29.58 -0.15 0.25
HUDSON_AVE_GT_3 23810	30.60 1.99 0.00	24.61 1.56 0.00	21.63 1.23 0.00	21.61 1.20 0.00	24.52 1.27 0.00	24.29 1.25 0.00	26.59 1.53 0.00	26.69 1.73 0.00	32.53 2.04 0.00	31.27 2.21 -0.13	31.39 2.23 -0.26	31.46 2.17 -1.48	31.42 2.31 -0.27	33.68 2.55 -0.30	43.04 3.40 -0.66	55.94 4.65 -0.78	62.76 5.67 -0.11	36.96 3.30 -2.12	34.94 2.92 -1.60	42.90 3.26 -0.79	59.11 4.34 0.00	52.54 3.59 0.00	40.25 2.70 0.00	32.13 2.15 0.00
HUDSON_AVE_GT_4 23540	30.60 1.99 0.00	24.61 1.56 0.00	21.63 1.23 0.00	21.61 1.20 0.00	24.52 1.27 0.00	24.29 1.25 0.00	26.59 1.53 0.00	26.69 1.73 0.00	32.53 2.04 0.00	31.27 2.21 -0.13	31.39 2.23 -0.26	31.46 2.17 -1.48	31.42 2.31 -0.27	33.68 2.55 -0.30	43.04 3.40 -0.66	55.94 4.65 -0.78	62.76 5.67 -0.11	36.96 3.30 -2.12	34.94 2.92 -1.60	42.90 3.26 -0.79	59.11 4.34 0.00	52.54 3.59 0.00	40.25 2.70 0.00	32.13 2.15 0.00
HUDSON_AVE_GT_5 23657	30.60 1.99 0.00	24.61 1.56 0.00	21.63 1.23 0.00	21.61 1.20 0.00	24.52 1.27 0.00	24.29 1.25 0.00	26.59 1.53 0.00	26.69 1.73 0.00	32.53 2.04 0.00	31.27 2.21 -0.13	31.39 2.23 -0.26	31.46 2.17 -1.48	31.42 2.31 -0.27	33.68 2.55 -0.30	43.04 3.40 -0.66	55.94 4.65 -0.78	62.76 5.67 -0.11	36.96 3.30 -2.12	34.94 2.92 -1.60	42.90 3.26 -0.79	59.11 4.34 0.00	52.54 3.59 0.00	40.25 2.70 0.00	32.13 2.15 0.00

HUDSON_AVE_10 24168	30.53 1.92 0.00	24.55 1.49 0.00	21.58 1.18 0.00	21.56 1.15 0.00	24.46 1.21 0.00	24.24 1.20 0.00	26.52 1.47 0.00	26.64 1.68 0.00	32.45 1.97 0.00	31.20 2.14 -0.13	31.30 2.14 -0.26	31.38 2.08 -1.48	31.34 2.24 -0.27	33.59 2.47 -0.30	42.94 3.30 -0.66	55.80 4.51 -0.78	62.63 5.54 -0.11	36.89 3.23 -2.12	34.86 2.85 -1.60	42.82 3.18 -0.79	59.00 4.23 0.00	52.46 3.51 0.00	40.18 2.63 0.00	32.05 2.07 0.00
HUDSON___115KV_TB 4 355613	29.74 1.14 0.00	24.01 0.95 0.00	21.16 0.77 0.00	21.24 0.84 0.00	24.15 0.89 0.00	23.88 0.84 0.00	26.01 0.95 0.00	25.98 1.02 0.00	31.70 1.22 0.00	29.91 1.07 0.10	29.84 1.00 0.07	28.53 1.02 0.31	29.87 1.23 0.21	31.92 1.33 0.24	40.39 1.84 0.43	52.24 2.30 0.58	59.95 3.05 0.08	36.08 1.90 -2.64	35.37 1.98 -2.97	42.91 2.53 -1.52	58.16 3.39 0.00	51.68 2.74 0.00	39.51 1.96 0.00	31.45 1.46 0.00
HUNTER MOUNT___DRP 323613	29.89 1.28 0.00	24.13 1.08 0.00	21.26 0.87 0.00	21.36 0.96 0.00	24.29 1.04 0.00	24.03 0.98 0.00	26.15 1.10 0.00	26.11 1.15 0.00	31.84 1.36 0.00	30.01 1.15 0.06	29.93 1.05 0.02	28.75 1.09 0.16	30.01 1.31 0.14	32.11 1.45 0.16	40.69 2.00 0.29	52.61 2.48 0.39	60.12 3.19 0.06	36.09 2.00 -2.55	35.27 2.15 -2.70	43.05 2.83 -1.38	58.59 3.82 0.00	52.05 3.11 0.00	39.75 2.20 0.00	31.62 1.64 0.00
HUNTINGTON_RES_REC 323705	32.39 2.78 -1.00	27.11 2.24 -1.81	23.13 1.87 -0.87	22.23 1.82 0.00	25.23 1.98 0.00	24.89 1.85 0.00	27.13 2.08 0.00	27.20 2.24 0.00	33.35 2.86 0.00	32.00 2.94 -0.13	32.11 2.78 -0.43	46.40 2.77 -15.81	33.91 3.04 -2.04	35.65 3.26 -1.56	44.52 4.00 -1.55	56.63 5.33 -0.78	314.81 6.79 -251.04	453.16 3.85 -417.78	220.24 3.54 -186.28	79.22 4.09 -36.27	59.84 5.07 0.00	52.91 3.96 0.00	40.76 3.22 0.00	34.15 2.88 -1.29
HUNTLEY___63 23557	28.63 0.02 0.00	22.82 -0.23 0.00	20.14 -0.25 0.00	19.99 -0.42 0.00	22.86 -0.39 0.00	22.86 -0.18 0.00	25.14 0.08 0.00	24.64 -0.32 0.00	30.61 0.13 0.00	29.47 0.52 -0.03	29.77 0.19 -0.68	28.42 0.02 -0.58	28.64 -0.21 0.00	30.58 -0.25 0.00	37.81 -1.17 0.00	49.12 -1.53 -0.13	54.31 -2.70 -0.03	30.22 -1.66 -0.34	28.92 -1.77 -0.26	36.87 -2.09 -0.12	52.42 -2.35 -0.01	46.38 -2.59 -0.03	35.89 -1.66 0.00	29.41 -0.57 0.00
HUNTLEY___64 23558	28.63 0.02 0.00	22.82 -0.23 0.00	20.14 -0.25 0.00	19.99 -0.42 0.00	22.86 -0.39 0.00	22.86 -0.18 0.00	25.14 0.08 0.00	24.64 -0.32 0.00	30.61 0.13 0.00	29.47 0.52 -0.03	29.77 0.19 -0.68	28.42 0.02 -0.58	28.64 -0.21 0.00	30.58 -0.25 0.00	37.81 -1.17 0.00	49.12 -1.53 -0.13	54.31 -2.70 -0.03	30.22 -1.66 -0.34	28.92 -1.77 -0.26	36.87 -2.09 -0.12	52.42 -2.35 -0.01	46.38 -2.59 -0.03	35.89 -1.66 0.00	29.41 -0.57 0.00
HUNTLEY___65 23559	28.63 0.02 0.00	22.82 -0.23 0.00	20.14 -0.25 0.00	19.99 -0.42 0.00	22.86 -0.39 0.00	22.86 -0.18 0.00	25.14 0.08 0.00	24.64 -0.32 0.00	30.61 0.13 0.00	29.47 0.52 -0.03	29.77 0.19 -0.68	28.42 0.02 -0.58	28.64 -0.21 0.00	30.58 -0.25 0.00	37.81 -1.17 0.00	49.12 -1.53 -0.13	54.31 -2.70 -0.03	30.22 -1.66 -0.34	28.92 -1.77 -0.26	36.87 -2.09 -0.12	52.42 -2.35 -0.01	46.38 -2.59 -0.03	35.89 -1.66 0.00	29.41 -0.57 0.00
HUNTLEY___66 23560	28.63 0.02 0.00	22.82 -0.23 0.00	20.14 -0.25 0.00	19.99 -0.42 0.00	22.86 -0.39 0.00	22.86 -0.18 0.00	25.14 0.08 0.00	24.64 -0.32 0.00	30.61 0.13 0.00	29.47 0.52 -0.03	29.77 0.19 -0.68	28.42 0.02 -0.58	28.64 -0.21 0.00	30.58 -0.25 0.00	37.81 -1.17 0.00	49.12 -1.53 -0.13	54.31 -2.70 -0.03	30.22 -1.66 -0.34	28.92 -1.77 -0.26	36.87 -2.09 -0.12	52.42 -2.35 -0.01	46.38 -2.59 -0.03	35.89 -1.66 0.00	29.41 -0.57 0.00
HUNTLEY___67 23561	28.44 -0.16 0.00	22.66 -0.40 0.00	20.01 -0.38 0.00	19.85 -0.56 0.00	22.71 -0.54 0.00	22.70 -0.34 0.00	24.95 -0.11 0.00	24.47 -0.49 0.00	30.40 -0.08 0.00	29.24 0.28 -0.03	29.53 -0.05 -0.67	28.16 -0.23 -0.58	28.36 -0.47 0.00	30.29 -0.53 0.00	37.57 -1.41 0.00	48.78 -1.85 -0.11	53.91 -3.07 0.00	30.01 -1.85 -0.32	28.68 -1.98 -0.24	36.64 -2.33 -0.12	52.09 -2.68 0.00	46.09 -2.85 0.00	35.68 -1.87 0.00	29.18 -0.81 0.00
HUNTLEY___68 23562	28.44 -0.16 0.00	22.66 -0.40 0.00	20.01 -0.38 0.00	19.85 -0.56 0.00	22.71 -0.54 0.00	22.70 -0.34 0.00	24.95 -0.11 0.00	24.47 -0.49 0.00	30.40 -0.08 0.00	29.24 0.28 -0.03	29.53 -0.05 -0.67	28.16 -0.23 -0.58	28.36 -0.47 0.00	30.29 -0.53 0.00	37.57 -1.41 0.00	48.78 -1.85 -0.11	53.91 -3.07 0.00	30.01 -1.85 -0.32	28.68 -1.98 -0.24	36.64 -2.33 -0.12	52.09 -2.68 0.00	46.09 -2.85 0.00	35.68 -1.87 0.00	29.18 -0.81 0.00
HYLAND___LFGE 323620	29.87 1.26 0.00	23.84 0.78 0.00	21.06 0.67 0.00	20.98 0.57 0.00	24.02 0.77 0.00	24.00 0.96 0.00	26.24 1.19 0.00	25.83 0.87 0.00	31.24 0.76 0.00	29.60 0.65 -0.03	29.90 0.34 -0.65	28.44 0.06 -0.56	28.82 -0.03 0.00	30.50 -0.32 0.00	37.79 -1.19 0.00	49.21 -1.42 0.00	55.65 -1.33 0.00	31.21 -0.67 -0.34	30.21 -0.48 -0.26	38.64 -0.33 -0.13	54.91 0.14 0.00	48.60 -0.35 0.00	38.15 0.60 0.00	31.08 1.10 0.00
INDECK___CORINTH 23802	29.61 1.00 0.00	23.81 0.75 0.00	21.00 0.61 0.00	21.09 0.68 0.00	24.06 0.81 0.00	23.76 0.72 0.00	25.69 0.64 0.00	25.69 0.73 0.00	31.34 0.86 0.00	29.73 0.95 0.15	29.75 0.98 0.14	28.25 0.99 0.56	29.69 1.17 0.31	31.51 1.05 0.36	39.81 1.50 0.66	51.65 2.02 0.88	59.78 2.93 0.12	36.00 1.63 -2.83	37.33 2.04 -4.87	43.99 2.59 -2.55	58.15 3.38 0.00	51.69 2.75 0.00	39.43 1.88 0.00	31.26 1.28 0.00
INDECK___ILION 23567	28.69 0.08 0.00	23.06 0.00 0.00	20.36 -0.03 0.00	20.38 -0.02 0.00	23.19 -0.06 0.00	23.00 -0.04 0.00	25.11 0.06 0.00	25.06 0.10 0.00	30.57 0.09 0.00	29.00 0.07 0.00	28.94 0.04 0.00	27.78 -0.04 0.00	28.84 0.00 0.00	30.90 0.07 0.00	39.19 0.22 0.00	50.77 0.26 0.00	57.57 0.59 0.00	32.09 0.55 0.00	31.00 0.58 0.00	39.55 0.71 0.00	55.65 0.89 0.00	49.59 0.64 0.00	37.95 0.40 0.00	30.23 0.25 0.00
INDECK___OLEAN 23982	29.51 0.90 0.00	23.38 0.32 0.00	20.67 0.27 0.00	20.57 0.16 0.00	23.58 0.32 0.00	23.54 0.49 0.00	25.95 0.89 0.00	25.70 0.75 0.00	31.90 1.42 0.00	30.53 1.57 -0.02	30.68 1.15 -0.63	29.00 0.64 -0.54	29.08 0.24 0.00	31.20 0.37 0.00	38.90 -0.08 0.00	50.57 -0.05 -0.11	56.25 -0.73 0.00	31.39 -0.52 -0.38	29.90 -0.81 -0.29	38.12 -0.87 -0.14	54.15 -0.62 0.00	48.19 -0.76 0.00	36.98 -0.57 0.00	29.97 -0.01 0.00
INDECK___OSWEGO 23783	28.07 -0.54 0.00	22.59 -0.46 0.00	19.96 -0.43 0.00	19.95 -0.45 0.00	22.76 -0.50 0.00	22.59 -0.45 0.00	24.61 -0.44 0.00	24.47 -0.49 0.00	29.91 -0.58 0.00	28.46 -0.49 -0.03	28.98 -0.57 -0.65	27.76 -0.62 -0.56	28.06 -0.78 0.00	29.89 -0.93 0.00	37.72 -1.25 0.00	49.01 -1.62 -0.11	55.16 -1.82 0.00	30.76 -0.94 -0.16	29.46 -0.97 -0.01	37.61 -1.24 0.00	53.11 -1.66 0.00	47.58 -1.37 0.00	36.59 -0.96 0.00	29.25 -0.73 0.00

INDECK___YERKES 23781	28.66 0.05 0.00	22.84 -0.21 0.00	20.16 -0.23 0.00	20.01 -0.40 0.00	22.89 -0.36 0.00	22.89 -0.15 0.00	25.16 0.11 0.00	24.67 -0.29 0.00	30.67 0.19 0.00	29.51 0.55 -0.03	29.79 0.21 -0.68	28.47 0.06 -0.58	28.67 -0.17 0.00	30.62 -0.21 0.00	37.84 -1.14 0.00	49.17 -1.48 -0.13	54.38 -2.63 -0.03	30.26 -1.61 -0.34	28.95 -1.74 -0.26	36.91 -2.06 -0.12	52.49 -2.29 -0.01	46.44 -2.53 -0.03	35.93 -1.62 0.00	29.45 -0.53 0.00
INDIAN POINT_GT_1 24139	30.26 1.65 0.00	24.34 1.28 0.00	21.40 1.01 0.00	21.41 1.00 0.00	24.30 1.05 0.00	24.06 1.01 0.00	26.30 1.24 0.00	26.38 1.42 0.00	32.18 1.70 0.00	30.89 1.83 -0.13	31.02 1.86 -0.25	31.19 1.79 -1.58	31.04 1.94 -0.26	33.26 2.14 -0.30	42.49 2.85 -0.67	55.18 3.90 -0.76	61.95 4.87 -0.10	36.49 2.86 -2.10	34.53 2.54 -1.57	42.46 2.83 -0.78	58.51 3.74 0.00	52.01 3.07 0.00	39.81 2.26 0.00	31.78 1.80 0.00
INDIAN POINT_GT_2 23659	30.26 1.65 0.00	24.34 1.28 0.00	21.40 1.01 0.00	21.41 1.00 0.00	24.30 1.05 0.00	24.06 1.01 0.00	26.30 1.24 0.00	26.38 1.42 0.00	32.18 1.70 0.00	30.89 1.83 -0.13	31.02 1.86 -0.25	31.19 1.79 -1.58	31.04 1.94 -0.26	33.26 2.14 -0.30	42.49 2.85 -0.67	55.18 3.90 -0.76	61.95 4.87 -0.10	36.49 2.86 -2.10	34.53 2.54 -1.57	42.46 2.83 -0.78	58.51 3.74 0.00	52.01 3.07 0.00	39.81 2.26 0.00	31.78 1.80 0.00
INDIAN POINT_GT_3 24019	30.26 1.65 0.00	24.34 1.28 0.00	21.40 1.01 0.00	21.41 1.00 0.00	24.30 1.05 0.00	24.06 1.01 0.00	26.30 1.24 0.00	26.38 1.42 0.00	32.18 1.70 0.00	30.89 1.83 -0.13	31.02 1.86 -0.25	31.19 1.79 -1.58	31.04 1.94 -0.26	33.26 2.14 -0.30	42.49 2.85 -0.67	55.18 3.90 -0.76	61.95 4.87 -0.10	36.49 2.86 -2.10	34.53 2.54 -1.57	42.46 2.83 -0.78	58.51 3.74 0.00	52.01 3.07 0.00	39.81 2.26 0.00	31.78 1.80 0.00
INDIAN POINT___2 23530	30.21 1.60 0.00	24.30 1.25 0.00	21.37 0.98 0.00	21.38 0.97 0.00	24.27 1.01 0.00	24.03 0.98 0.00	26.26 1.21 0.00	26.35 1.39 0.00	32.13 1.64 0.00	30.84 1.79 -0.12	30.98 1.84 -0.25	31.41 1.76 -1.84	30.99 1.90 -0.25	33.20 2.09 -0.28	42.44 2.79 -0.67	55.08 3.83 -0.73	61.86 4.78 -0.10	36.40 2.81 -2.06	34.44 2.47 -1.55	42.35 2.74 -0.77	58.41 3.64 0.00	51.93 2.98 0.00	39.74 2.19 0.00	31.72 1.74 0.00
INDIAN POINT___3 23531	30.20 1.59 0.00	24.30 1.25 0.00	21.38 0.98 0.00	21.38 0.98 0.00	24.27 1.02 0.00	24.03 0.98 0.00	26.26 1.21 0.00	26.34 1.38 0.00	32.12 1.64 0.00	30.83 1.77 -0.13	30.97 1.81 -0.25	31.16 1.74 -1.60	30.98 1.88 -0.26	33.20 2.08 -0.30	42.41 2.76 -0.67	55.06 3.79 -0.76	61.81 4.73 -0.10	36.42 2.78 -2.10	34.46 2.46 -1.58	42.37 2.74 -0.78	58.38 3.61 0.00	51.92 2.97 0.00	39.74 2.19 0.00	31.72 1.74 0.00
INGHAM_C_115KV_TB7 356103	28.64 0.03 0.00	22.93 -0.12 0.00	20.21 -0.18 0.00	20.25 -0.15 0.00	23.02 -0.23 0.00	22.81 -0.23 0.00	25.03 -0.03 0.00	25.01 0.05 0.00	30.46 -0.02 0.00	28.86 -0.07 0.00	28.76 -0.14 0.00	27.52 -0.30 0.00	28.63 -0.22 0.00	30.76 -0.06 0.00	39.19 0.22 0.00	50.73 0.21 0.00	57.82 0.84 0.00	32.46 0.92 0.00	31.46 1.04 0.00	40.12 1.27 0.00	56.29 1.53 0.00	50.10 1.16 0.00	38.29 0.74 0.00	30.42 0.44 0.00
IP CORINTH___1 23988	29.77 1.17 0.00	23.93 0.88 0.00	21.12 0.73 0.00	21.20 0.79 0.00	24.18 0.94 0.00	23.88 0.84 0.00	25.83 0.78 0.00	25.83 0.87 0.00	31.52 1.04 0.00	29.89 1.11 0.15	29.92 1.15 0.14	28.42 1.16 0.56	29.86 1.33 0.31	31.69 1.23 0.36	40.02 1.71 0.66	51.93 2.30 0.88	60.09 3.24 0.12	36.18 1.81 -2.83	37.49 2.20 -4.87	44.20 2.80 -2.55	58.46 3.70 0.00	51.96 3.02 0.00	39.64 2.09 0.00	31.44 1.46 0.00
IP___TICONDEROGA 23804	31.24 2.63 0.00	24.98 1.92 0.00	21.95 1.55 0.00	22.11 1.70 0.00	25.23 1.98 0.00	24.81 1.77 0.00	26.96 1.91 0.00	27.07 2.11 0.00	33.01 2.53 0.00	31.43 2.65 0.15	31.50 2.74 0.14	29.83 2.60 0.58	31.49 2.98 0.32	33.38 2.93 0.37	42.07 3.77 0.68	55.13 5.51 0.90	63.87 7.02 0.13	38.26 3.89 -2.83	39.52 4.26 -4.84	46.88 5.50 -2.53	62.02 7.25 0.00	55.19 6.25 0.00	41.95 4.40 0.00	33.03 3.05 0.00
ISLIP_RES_REC 323679	32.99 3.38 -1.00	27.60 2.73 -1.82	23.56 2.30 -0.87	22.63 2.22 0.00	25.69 2.43 0.00	25.36 2.31 0.00	27.62 2.57 0.00	27.70 2.74 0.00	34.00 3.51 0.00	32.64 3.58 -0.13	32.69 3.42 -0.36	42.37 3.40 -11.15	34.50 3.66 -2.00	36.00 3.93 -1.24	44.74 4.77 -1.00	57.65 6.35 -0.78	199.23 7.85 -134.40	285.95 4.43 -249.98	143.09 4.09 -108.59	66.67 4.82 -23.00	60.90 6.13 -0.01	53.80 4.86 0.00	41.47 3.92 0.00	34.75 3.48 -1.29
JAMAICA__27_KV_LOAD 355505	30.77 2.16 0.00	24.72 1.67 0.00	21.73 1.33 0.00	21.71 1.30 0.00	24.63 1.38 0.00	24.41 1.37 0.00	26.69 1.64 0.00	26.80 1.84 0.00	32.64 2.16 0.00	31.39 2.33 -0.13	31.43 2.27 -0.26	31.52 2.23 -1.48	31.50 2.39 -0.27	33.78 2.65 -0.30	43.19 3.55 -0.66	56.12 4.82 -0.78	63.03 5.95 -0.11	37.14 3.48 -2.12	35.09 3.07 -1.60	43.15 3.51 -0.79	59.52 4.75 0.00	52.94 3.99 0.00	40.53 2.99 0.00	32.28 2.30 0.00
JANIS___SOLAR 323808	30.00 1.39 0.00	24.00 0.94 0.00	21.17 0.78 0.00	21.13 0.73 0.00	24.15 0.90 0.00	24.04 1.00 0.00	26.44 1.39 0.00	26.31 1.35 0.00	32.07 1.59 0.00	30.27 1.32 -0.02	30.47 1.10 -0.46	29.18 0.97 -0.40	29.73 0.89 0.00	31.94 1.11 0.00	40.36 1.39 0.00	52.53 1.93 -0.08	59.40 2.42 0.00	33.84 1.79 -0.52	32.63 1.71 -0.50	41.32 2.23 -0.25	58.00 3.24 0.00	51.50 2.56 0.00	39.31 1.76 0.00	31.36 1.38 0.00
JARVIS____ 23743	28.62 0.01 0.00	23.07 0.02 0.00	20.39 0.00 0.00	20.41 0.00 0.00	23.25 0.00 0.00	23.04 0.00 0.00	25.08 0.02 0.00	24.98 0.03 0.00	30.52 0.04 0.00	28.99 0.06 0.00	28.93 0.04 0.00	27.84 0.03 0.00	28.87 0.03 0.00	30.86 0.04 0.00	39.05 0.07 0.00	50.62 0.10 0.00	57.16 0.18 0.00	31.70 0.16 0.00	30.54 0.12 0.00	38.97 0.12 0.00	54.92 0.14 0.00	49.00 0.05 0.00	37.59 0.04 0.00	30.00 0.02 0.00
JENNISON___1 23625	30.14 1.54 0.00	24.10 1.05 0.00	21.27 0.88 0.00	21.23 0.83 0.00	24.25 0.99 0.00	24.14 1.10 0.00	26.53 1.48 0.00	26.46 1.50 0.00	32.36 1.88 0.00	30.74 1.80 -0.01	30.85 1.61 -0.34	29.59 1.48 -0.29	30.31 1.47 0.00	32.52 1.70 0.00	41.18 2.20 0.00	53.52 2.94 -0.06	60.34 3.36 0.00	34.33 2.15 -0.65	33.12 1.98 -0.72	41.72 2.50 -0.37	58.30 3.54 0.00	51.82 2.88 0.00	39.57 2.02 0.00	31.55 1.57 0.00
JENNISON___2 23626	30.14 1.54 0.00	24.10 1.05 0.00	21.27 0.88 0.00	21.23 0.83 0.00	24.25 0.99 0.00	24.14 1.10 0.00	26.53 1.48 0.00	26.46 1.50 0.00	32.36 1.88 0.00	30.74 1.80 -0.01	30.85 1.61 -0.34	29.59 1.48 -0.29	30.31 1.47 0.00	32.52 1.70 0.00	41.18 2.20 0.00	53.52 2.94 -0.06	60.34 3.36 0.00	34.33 2.15 -0.65	33.12 1.98 -0.72	41.72 2.50 -0.37	58.30 3.54 0.00	51.82 2.88 0.00	39.57 2.02 0.00	31.55 1.57 0.00

JERICO_RISE_WT_PWR 323719	28.11 -0.50 0.00	22.68 -0.38 0.00	20.14 -0.26 0.00	20.22 -0.18 0.00	23.21 -0.04 0.00	23.09 0.05 0.00	25.01 -0.04 0.00	24.94 -0.02 0.00	30.29 -0.19 0.00	28.32 -0.62 0.00	28.22 -0.68 0.00	27.61 -0.21 0.00	28.82 -0.02 0.00	30.83 0.01 0.00	39.20 0.22 0.00	50.83 0.31 0.00	57.19 0.21 0.00	31.39 -0.14 0.00	30.46 0.04 0.00	39.19 0.34 0.00	55.78 1.01 0.00	50.03 1.08 0.00	38.42 0.87 0.00	30.59 0.60 0.00
KATONAH__115KV_46KV_TB4 355592	30.47 1.87 0.00	24.51 1.46 0.00	21.56 1.16 0.00	21.55 1.14 0.00	24.47 1.22 0.00	24.22 1.18 0.00	26.48 1.42 0.00	26.57 1.61 0.00	32.41 1.93 0.00	31.13 2.07 -0.13	31.26 2.10 -0.25	31.05 2.03 -1.20	31.32 2.21 -0.27	33.56 2.43 -0.30	42.83 3.23 -0.63	55.73 4.44 -0.77	62.54 5.45 -0.11	36.88 3.19 -2.16	34.92 2.87 -1.63	42.94 3.29 -0.81	59.12 4.35 0.00	52.50 3.56 0.00	40.14 2.60 0.00	32.02 2.04 0.00
KCE_NY_1 323755	30.06 1.45 0.00	24.23 1.18 0.00	21.37 0.97 0.00	21.44 1.03 0.00	24.42 1.17 0.00	24.14 1.10 0.00	26.24 1.18 0.00	26.19 1.23 0.00	31.96 1.48 0.00	30.22 1.44 0.15	30.19 1.44 0.15	28.59 1.37 0.60	30.03 1.52 0.33	32.04 1.60 0.37	40.47 2.19 0.69	52.41 2.82 0.93	60.63 3.78 0.13	36.55 2.18 -2.83	37.51 2.28 -4.80	44.28 2.92 -2.52	58.68 3.91 0.00	52.18 3.23 0.00	39.87 2.32 0.00	31.69 1.71 0.00
KCE_NY_6_ESR 323823	28.90 0.29 0.00	23.00 -0.06 0.00	20.32 -0.08 0.00	20.16 -0.25 0.00	23.08 -0.17 0.00	23.05 0.01 0.00	25.39 0.33 0.00	24.94 -0.02 0.00	31.02 0.53 0.00	29.79 0.83 -0.03	30.08 0.52 -0.66	28.70 0.31 -0.57	28.90 0.06 0.00	30.93 0.11 0.00	38.43 -0.54 0.00	49.89 -0.75 -0.12	55.17 -1.82 -0.01	30.73 -1.14 -0.34	29.34 -1.34 -0.26	37.44 -1.54 -0.13	53.18 -1.59 0.00	47.08 -1.87 -0.01	36.35 -1.20 0.00	29.65 -0.33 0.00
KEDC_PORT_JEFF_GT2 24210	32.67 3.06 -1.00	27.34 2.47 -1.82	23.33 2.07 -0.87	22.41 2.00 0.00	25.44 2.19 0.00	25.10 2.06 0.00	27.39 2.33 0.00	27.44 2.48 0.00	33.64 3.15 0.00	32.28 3.22 -0.13	32.35 3.06 -0.38	43.30 3.00 -12.49	34.09 3.25 -2.00	35.59 3.47 -1.29	44.18 4.13 -1.08	56.54 5.25 -0.78	222.73 6.55 -159.20	325.09 3.68 -289.87	156.60 3.40 -122.78	69.64 4.00 -26.79	59.77 5.00 -0.01	52.88 3.94 0.00	40.93 3.38 0.00	34.36 3.10 -1.29
KEDC_PORT_JEFF_GT3 24211	32.67 3.06 -1.00	27.34 2.47 -1.82	23.33 2.07 -0.87	22.41 2.00 0.00	25.44 2.19 0.00	25.10 2.06 0.00	27.39 2.33 0.00	27.44 2.48 0.00	33.64 3.15 0.00	32.28 3.22 -0.13	32.35 3.06 -0.38	43.30 3.00 -12.49	34.09 3.25 -2.00	35.59 3.47 -1.29	44.18 4.13 -1.08	56.54 5.25 -0.78	222.73 6.55 -159.20	325.09 3.68 -289.87	156.60 3.40 -122.78	69.64 4.00 -26.79	59.77 5.00 -0.01	52.88 3.94 0.00	40.93 3.38 0.00	34.36 3.10 -1.29
KEDC_GLWD_GT4 24219	31.88 2.28 -1.00	26.65 1.78 -1.81	22.71 1.45 -0.87	21.83 1.42 0.00	24.77 1.52 0.00	24.50 1.46 0.00	26.80 1.75 0.00	26.89 1.93 0.00	32.84 2.35 0.00	31.52 2.45 -0.13	31.65 2.49 -0.26	33.56 2.41 -3.34	33.33 2.54 -1.95	34.70 2.87 -1.01	43.21 3.57 -0.66	56.02 4.73 -0.78	65.92 5.86 -3.08	64.48 3.38 -29.56	71.96 3.05 -38.49	43.09 3.45 -0.80	59.21 4.44 0.00	52.55 3.61 0.00	40.26 2.71 0.00	33.53 2.27 -1.29
KEDC_GLWD_GT5 24220	31.88 2.28 -1.00	26.65 1.78 -1.81	22.71 1.45 -0.87	21.83 1.42 0.00	24.77 1.52 0.00	24.50 1.46 0.00	26.80 1.75 0.00	26.89 1.93 0.00	32.84 2.35 0.00	31.52 2.45 -0.13	31.65 2.49 -0.26	33.56 2.41 -3.34	33.33 2.54 -1.95	34.70 2.87 -1.01	43.21 3.57 -0.66	56.02 4.73 -0.78	65.92 5.86 -3.08	64.48 3.38 -29.56	71.96 3.05 -38.49	43.09 3.45 -0.80	59.21 4.44 0.00	52.55 3.61 0.00	40.26 2.71 0.00	33.53 2.27 -1.29
KENSICO____ 23655	30.37 1.76 0.00	24.43 1.37 0.00	21.48 1.09 0.00	21.48 1.08 0.00	24.38 1.13 0.00	24.14 1.10 0.00	26.40 1.34 0.00	26.48 1.52 0.00	32.29 1.81 0.00	31.01 1.95 -0.13	31.14 1.98 -0.26	31.24 1.90 -1.52	31.16 2.06 -0.27	33.39 2.27 -0.30	42.65 3.01 -0.67	55.41 4.12 -0.77	62.17 5.09 -0.11	36.64 2.98 -2.12	34.66 2.65 -1.59	42.61 2.97 -0.79	58.70 3.93 0.00	52.17 3.23 0.00	39.93 2.39 0.00	31.90 1.92 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.42 1.81 0.00	24.38 1.33 0.00	21.44 1.05 0.00	21.42 1.02 0.00	24.31 1.06 0.00	24.11 1.07 0.00	26.43 1.37 0.00	26.56 1.60 0.00	32.48 2.00 0.00	31.02 2.03 -0.07	31.28 2.20 -0.18	30.30 2.09 -0.39	31.18 2.22 -0.12	33.39 2.43 -0.14	42.39 3.14 -0.27	55.24 4.35 -0.38	62.56 5.53 -0.05	36.83 3.34 -1.96	34.95 2.97 -1.56	43.05 3.43 -0.78	59.37 4.60 0.00	52.72 3.78 0.00	40.29 2.74 0.00	32.11 2.12 0.00
KIAC_JFK_GT1 23816	30.58 1.97 0.00	24.58 1.53 0.00	21.61 1.21 0.00	21.60 1.19 0.00	24.50 1.25 0.00	24.28 1.24 0.00	26.53 1.47 0.00	26.63 1.67 0.00	32.43 1.95 0.00	31.17 2.10 -0.13	31.14 1.98 -0.26	31.23 1.94 -1.48	31.20 2.10 -0.27	33.45 2.32 -0.30	42.76 3.12 -0.66	55.57 4.28 -0.78	62.41 5.32 -0.11	36.80 3.14 -2.12	34.75 2.74 -1.60	42.73 3.09 -0.79	58.91 4.14 0.00	52.42 3.48 0.00	40.14 2.59 0.00	31.96 1.98 0.00
KIAC_JFK_GT2 23817	30.58 1.97 0.00	24.58 1.53 0.00	21.61 1.21 0.00	21.60 1.19 0.00	24.50 1.25 0.00	24.28 1.24 0.00	26.53 1.47 0.00	26.63 1.67 0.00	32.43 1.95 0.00	31.17 2.10 -0.13	31.14 1.98 -0.26	31.23 1.94 -1.48	31.20 2.10 -0.27	33.45 2.32 -0.30	42.76 3.12 -0.66	55.57 4.28 -0.78	62.41 5.32 -0.11	36.80 3.14 -2.12	34.75 2.74 -1.60	42.73 3.09 -0.79	58.91 4.14 0.00	52.42 3.48 0.00	40.14 2.59 0.00	31.96 1.98 0.00
KIAC_JFK____ 323774	30.58 1.97 0.00	24.58 1.53 0.00	21.61 1.21 0.00	21.59 1.18 0.00	24.49 1.24 0.00	24.28 1.24 0.00	26.53 1.47 0.00	26.63 1.67 0.00	32.43 1.95 0.00	31.17 2.11 -0.13	31.14 1.99 -0.26	31.23 1.94 -1.48	31.20 2.10 -0.27	33.45 2.32 -0.30	42.76 3.12 -0.66	55.57 4.28 -0.78	62.41 5.32 -0.11	36.80 3.14 -2.12	34.75 2.74 -1.60	42.73 3.09 -0.79	58.91 4.14 0.00	52.42 3.48 0.00	40.14 2.60 0.00	31.96 1.98 0.00
KINTIGH____ 23543	28.25 -0.36 0.00	22.54 -0.51 0.00	19.90 -0.49 0.00	19.77 -0.64 0.00	22.60 -0.65 0.00	22.57 -0.47 0.00	24.77 -0.28 0.00	24.34 -0.62 0.00	30.16 -0.32 0.00	28.95 -0.01 -0.03	29.27 -0.34 -0.71	27.93 -0.49 -0.61	28.16 -0.68 0.00	30.05 -0.77 0.00	37.35 -1.62 0.00	48.50 -2.13 0.00	53.78 -3.20 0.00	29.92 -1.89 -0.27	28.65 -1.97 -0.20	36.61 -2.34 -0.10	51.97 -2.80 0.00	46.06 -2.89 0.00	35.59 -1.96 0.00	29.03 -0.95 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.38 -0.23 0.00	22.87 -0.18 0.00	20.29 -0.10 0.00	20.38 -0.03 0.00	23.40 0.15 0.00	23.32 0.28 0.00	25.27 0.21 0.00	25.22 0.26 0.00	30.51 0.02 0.00	28.50 -0.43 0.00	28.37 -0.53 0.00	27.85 0.03 0.00	29.11 0.27 0.00	31.12 0.30 0.00	39.74 0.76 0.00	51.46 0.94 0.00	57.92 0.94 0.00	31.77 0.24 0.00	30.82 0.40 0.00	39.67 0.83 0.00	56.57 1.80 0.00	50.65 1.71 0.00	38.85 1.30 0.00	30.93 0.94 0.00

LACHUTE___HYDRO 323717	31.24 2.63 0.00	24.98 1.92 0.00	21.95 1.56 0.00	22.11 1.70 0.00	25.23 1.98 0.00	24.81 1.77 0.00	26.96 1.91 0.00	27.07 2.11 0.00	33.01 2.53 0.00	31.43 2.65 0.15	31.50 2.75 0.14	29.83 2.60 0.58	31.49 2.98 0.32	33.38 2.93 0.37	42.07 3.77 0.68	55.13 5.51 0.90	63.87 7.02 0.13	38.25 3.89 -2.83	39.52 4.26 -4.84	46.88 5.50 -2.53	62.02 7.25 0.00	55.19 6.25 0.00	41.94 4.40 0.00	33.03 3.05 0.00
LAWRNCAV_115KV_TB1 80681	27.56 -1.05 0.00	22.28 -0.77 0.00	19.78 -0.61 0.00	19.95 -0.46 0.00	22.82 -0.43 0.00	22.45 -0.60 0.00	24.36 -0.69 0.00	24.28 -0.68 0.00	29.55 -0.93 0.00	27.77 -1.16 0.00	27.96 -1.03 -0.09	27.03 -0.87 -0.08	27.92 -0.92 0.00	29.78 -1.05 0.00	37.73 -1.24 0.00	48.89 -1.64 -0.02	55.02 -1.96 0.00	30.33 -1.21 0.00	29.41 -1.01 0.00	37.78 -1.06 0.00	53.56 -1.20 0.00	48.10 -0.84 0.00	36.91 -0.64 0.00	29.34 -0.64 0.00
LEDERLE___ 23769	30.33 1.72 0.00	24.37 1.32 0.00	21.44 1.05 0.00	21.45 1.04 0.00	24.34 1.09 0.00	24.10 1.06 0.00	26.37 1.32 0.00	26.47 1.51 0.00	32.30 1.82 0.00	31.01 1.96 -0.12	31.17 2.02 -0.24	29.47 1.95 0.29	31.18 2.10 -0.24	33.43 2.33 -0.27	42.47 3.08 -0.41	55.48 4.26 -0.70	62.36 5.28 -0.10	36.64 3.09 -2.02	34.65 2.72 -1.52	42.63 3.03 -0.76	58.82 4.05 0.00	52.29 3.34 0.00	39.97 2.42 0.00	31.89 1.91 0.00
LIGHTHSE_115KV_TB6 355974	28.09 -0.52 0.00	22.72 -0.33 0.00	20.07 -0.33 0.00	20.07 -0.33 0.00	22.96 -0.29 0.00	22.75 -0.29 0.00	24.82 -0.23 0.00	24.75 -0.21 0.00	30.18 -0.30 0.00	28.64 -0.31 -0.02	29.09 -0.41 -0.60	27.86 -0.47 -0.52	28.27 -0.57 0.00	30.18 -0.64 0.00	38.20 -0.77 0.00	49.60 -1.02 -0.10	55.99 -1.00 0.00	31.30 -0.38 -0.15	30.04 -0.39 -0.01	38.41 -0.44 0.00	54.34 -0.43 0.00	48.46 -0.49 0.00	37.10 -0.45 0.00	29.60 -0.38 0.00
LINDEN COGEN___ 23786	30.41 1.81 0.00	24.46 1.40 0.00	21.48 1.09 0.00	21.46 1.05 0.00	24.36 1.11 0.00	24.11 1.07 0.00	26.40 1.35 0.00	26.50 1.55 0.00	32.26 1.77 0.00	31.02 1.96 -0.13	31.15 1.99 -0.26	31.22 1.93 -1.48	31.18 2.07 -0.27	33.41 2.28 -0.30	38.07 3.04 3.95	55.51 4.22 -0.78	62.30 5.22 -0.11	36.72 3.06 -2.12	34.70 2.68 -1.60	42.60 2.96 -0.79	58.68 3.91 0.00	52.17 3.22 0.00	39.95 2.40 0.00	31.91 1.93 0.00
LINDHRST_69_KV_BK1 356055	32.61 3.01 -0.99	27.25 2.39 -1.81	23.25 2.00 -0.87	22.35 1.94 0.00	25.39 2.14 0.00	25.04 2.00 0.00	27.36 2.31 0.00	27.45 2.49 0.00	33.63 3.15 0.00	32.22 3.16 -0.13	32.17 3.00 -0.27	34.98 3.03 -4.14	34.02 3.22 -1.95	35.28 3.43 -1.03	43.91 4.25 -0.69	57.04 5.74 -0.78	80.15 7.08 -16.09	87.32 4.07 -51.72	79.42 3.73 -45.27	46.29 4.38 -3.07	60.38 5.61 0.00	53.47 4.52 0.00	41.17 3.62 0.00	34.47 3.20 -1.28
LIPA_MISC_IPP 23656	32.79 3.19 -1.00	27.45 2.58 -1.82	23.43 2.18 -0.87	22.49 2.09 0.00	25.56 2.31 0.00	25.20 2.16 0.00	27.49 2.44 0.00	27.55 2.59 0.00	33.78 3.29 0.00	32.41 3.34 -0.13	32.48 3.20 -0.38	43.25 3.13 -12.31	34.20 3.36 -2.00	35.68 3.60 -1.25	44.36 4.38 -1.01	57.15 5.86 -0.78	214.40 7.29 -150.12	314.71 4.11 -279.06	149.73 3.81 -115.50	69.65 4.53 -26.28	60.52 5.75 -0.01	53.44 4.49 0.00	41.22 3.67 0.00	34.55 3.29 -1.28
LISF___SOLAR 323691	32.85 3.25 -1.00	27.49 2.62 -1.82	23.47 2.20 -0.87	22.52 2.12 0.00	25.57 2.32 0.00	25.24 2.20 0.00	27.56 2.50 0.00	27.61 2.65 0.00	33.85 3.37 0.00	32.49 3.43 -0.13	32.56 3.28 -0.38	43.22 3.19 -12.21	34.26 3.42 -2.00	35.76 3.67 -1.26	44.45 4.46 -1.02	57.28 5.98 -0.78	213.87 7.45 -149.45	313.05 4.21 -277.29	149.82 3.92 -115.48	69.52 4.66 -26.02	60.70 5.93 -0.01	53.59 4.65 0.00	41.33 3.79 0.00	34.64 3.37 -1.29
LITTLE FALLS___HYD 24013	28.64 0.03 0.00	22.93 -0.12 0.00	20.21 -0.18 0.00	20.25 -0.15 0.00	23.02 -0.23 0.00	22.81 -0.23 0.00	25.03 -0.03 0.00	25.01 0.05 0.00	30.46 -0.02 0.00	28.86 -0.07 0.00	28.76 -0.14 0.00	27.52 -0.30 0.00	28.63 -0.22 0.00	30.76 -0.06 0.00	39.19 0.22 0.00	50.73 0.21 0.00	57.82 0.84 0.00	32.46 0.92 0.00	31.46 1.04 0.00	40.12 1.27 0.00	56.29 1.53 0.00	50.10 1.16 0.00	38.29 0.74 0.00	30.42 0.44 0.00
LITTLRIV_115KV_TB1 356100	27.85 -0.76 0.00	22.49 -0.56 0.00	19.96 -0.43 0.00	20.12 -0.28 0.00	23.04 -0.21 0.00	22.69 -0.35 0.00	24.67 -0.39 0.00	24.58 -0.38 0.00	29.92 -0.56 0.00	28.14 -0.79 0.00	28.33 -0.67 -0.10	27.40 -0.50 -0.08	28.31 -0.53 0.00	30.22 -0.61 0.00	38.25 -0.73 0.00	49.59 -0.95 -0.02	55.74 -1.24 0.00	30.72 -0.82 0.00	29.80 -0.62 0.00	38.33 -0.51 0.00	54.39 -0.38 0.00	48.82 -0.13 0.00	37.44 -0.11 0.00	29.71 -0.27 0.00
LI_NEWBRDGE___DRP 323616	31.89 2.29 -0.99	26.68 1.81 -1.81	22.75 1.49 -0.87	21.86 1.45 0.00	24.82 1.57 0.00	24.50 1.46 0.00	26.77 1.72 0.00	26.85 1.89 0.00	32.81 2.33 0.00	31.44 2.38 -0.13	31.48 2.32 -0.26	33.45 2.30 -3.34	33.26 2.47 -1.95	34.49 2.67 -1.00	42.99 3.35 -0.66	55.81 4.52 -0.78	65.74 5.69 -3.08	64.37 3.27 -29.56	71.89 2.98 -38.49	43.05 3.41 -0.79	59.06 4.29 0.00	52.41 3.47 0.00	40.31 2.76 0.00	33.70 2.43 -1.28
LOCKPORT_115KV_TB60_63_64 80432	28.35 -0.26 0.00	22.64 -0.41 0.00	19.99 -0.40 0.00	19.83 -0.58 0.00	22.69 -0.56 0.00	22.69 -0.35 0.00	24.91 -0.14 0.00	24.35 -0.61 0.00	30.24 -0.24 0.00	29.10 0.14 -0.03	29.41 -0.18 -0.69	28.07 -0.34 -0.59	28.29 -0.55 0.00	30.18 -0.64 0.00	37.40 -1.58 0.00	48.56 -2.08 -0.12	53.65 -3.34 -0.01	29.86 -1.98 -0.31	28.58 -2.07 -0.23	36.51 -2.45 -0.11	51.91 -2.86 0.00	45.90 -3.05 -0.01	35.57 -1.98 0.00	29.14 -0.84 0.00
LOCKPORT___CC1 323769	28.35 -0.26 0.00	22.63 -0.43 0.00	19.98 -0.41 0.00	19.83 -0.58 0.00	22.68 -0.57 0.00	22.68 -0.37 0.00	24.90 -0.15 0.00	24.36 -0.60 0.00	30.27 -0.22 0.00	29.09 0.14 -0.03	29.39 -0.20 -0.68	28.07 -0.34 -0.59	28.28 -0.56 0.00	30.17 -0.66 0.00	37.37 -1.60 0.00	48.55 -2.09 -0.12	53.65 -3.34 -0.01	29.86 -1.98 -0.31	28.56 -2.09 -0.23	36.48 -2.48 -0.11	51.88 -2.90 0.00	45.87 -3.08 -0.01	35.55 -2.00 0.00	29.13 -0.85 0.00
LOCKPORT___CC2 323770	28.35 -0.26 0.00	22.63 -0.43 0.00	19.98 -0.41 0.00	19.83 -0.58 0.00	22.68 -0.57 0.00	22.68 -0.37 0.00	24.90 -0.15 0.00	24.36 -0.60 0.00	30.27 -0.22 0.00	29.09 0.14 -0.03	29.39 -0.20 -0.68	28.07 -0.34 -0.59	28.28 -0.56 0.00	30.17 -0.66 0.00	37.37 -1.60 0.00	48.55 -2.09 -0.12	53.65 -3.34 -0.01	29.86 -1.98 -0.31	28.56 -2.09 -0.23	36.48 -2.48 -0.11	51.88 -2.90 0.00	45.87 -3.08 -0.01	35.55 -2.00 0.00	29.13 -0.85 0.00
LOCKPORT___CC3 323771	28.35 -0.26 0.00	22.63 -0.43 0.00	19.98 -0.41 0.00	19.83 -0.58 0.00	22.68 -0.57 0.00	22.68 -0.37 0.00	24.90 -0.15 0.00	24.36 -0.60 0.00	30.27 -0.22 0.00	29.09 0.14 -0.03	29.39 -0.20 -0.68	28.07 -0.34 -0.59	28.28 -0.56 0.00	30.17 -0.66 0.00	37.37 -1.60 0.00	48.55 -2.09 -0.12	53.65 -3.34 -0.01	29.86 -1.98 -0.31	28.56 -2.09 -0.23	36.48 -2.48 -0.11	51.88 -2.90 0.00	45.87 -3.08 -0.01	35.55 -2.00 0.00	29.13 -0.85 0.00

LONG_LAKE_PHOENIX 24014	28.21 -0.40 0.00	22.68 -0.37 0.00	20.04 -0.35 0.00	20.02 -0.38 0.00	22.83 -0.42 0.00	22.68 -0.36 0.00	24.72 -0.33 0.00	24.57 -0.39 0.00	30.07 -0.42 0.00	28.64 -0.31 -0.03	29.16 -0.42 -0.67	27.95 -0.45 -0.58	28.31 -0.53 0.00	30.24 -0.58 0.00	38.23 -0.74 0.00	49.68 -0.96 -0.11	55.88 -1.10 0.00	31.16 -0.54 -0.17	29.84 -0.59 -0.01	38.07 -0.78 0.00	53.72 -1.04 0.00	47.89 -1.06 0.00	36.72 -0.83 0.00	29.36 -0.62 0.00
LOVETT___3 23632	30.12 1.51 0.00	24.22 1.17 0.00	21.32 0.93 0.00	21.34 0.93 0.00	24.20 0.95 0.00	23.96 0.92 0.00	26.19 1.13 0.00	26.28 1.32 0.00	32.04 1.56 0.00	30.75 1.70 -0.12	30.90 1.75 -0.24	29.17 1.68 0.33	30.91 1.82 -0.24	33.12 2.02 -0.28	42.08 2.69 -0.41	54.95 3.72 -0.71	61.73 4.65 -0.10	36.31 2.74 -2.03	34.36 2.41 -1.53	42.25 2.64 -0.76	58.27 3.50 0.00	51.82 2.87 0.00	39.64 2.09 0.00	31.64 1.66 0.00
LOVETT___4 23642	30.12 1.51 0.00	24.22 1.17 0.00	21.32 0.93 0.00	21.34 0.93 0.00	24.20 0.95 0.00	23.96 0.92 0.00	26.19 1.13 0.00	26.28 1.32 0.00	32.04 1.56 0.00	30.75 1.70 -0.12	30.90 1.75 -0.24	29.17 1.68 0.33	30.91 1.82 -0.24	33.12 2.02 -0.28	42.08 2.69 -0.41	54.95 3.72 -0.71	61.73 4.65 -0.10	36.31 2.74 -2.03	34.36 2.41 -1.53	42.25 2.64 -0.76	58.27 3.50 0.00	51.82 2.87 0.00	39.64 2.09 0.00	31.64 1.66 0.00
LOVETT___5 23593	30.12 1.51 0.00	24.22 1.17 0.00	21.32 0.93 0.00	21.34 0.93 0.00	24.20 0.95 0.00	23.96 0.92 0.00	26.19 1.13 0.00	26.28 1.32 0.00	32.04 1.56 0.00	30.75 1.70 -0.12	30.90 1.75 -0.24	29.17 1.68 0.33	30.91 1.82 -0.24	33.12 2.02 -0.28	42.08 2.69 -0.41	54.95 3.72 -0.71	61.73 4.65 -0.10	36.31 2.74 -2.03	34.36 2.41 -1.53	42.25 2.64 -0.76	58.27 3.50 0.00	51.82 2.87 0.00	39.64 2.09 0.00	31.64 1.66 0.00
LOWER_RAQUET___HYD 24057	27.36 -1.25 0.00	22.13 -0.93 0.00	19.65 -0.75 0.00	19.82 -0.60 0.00	22.67 -0.58 0.00	22.32 -0.72 0.00	24.21 -0.84 0.00	24.13 -0.82 0.00	29.37 -1.11 0.00	27.60 -1.34 0.00	27.79 -1.22 -0.11	26.87 -1.04 -0.09	27.76 -1.08 0.00	29.60 -1.23 0.00	37.52 -1.45 0.00	48.63 -1.91 -0.02	54.73 -2.25 0.00	30.18 -1.36 0.00	29.27 -1.15 0.00	37.61 -1.23 0.00	53.35 -1.42 0.00	47.90 -1.05 0.00	36.75 -0.80 0.00	29.19 -0.79 0.00
LOWER___HUDSON 24059	29.64 1.03 0.00	23.95 0.90 0.00	21.12 0.73 0.00	21.22 0.81 0.00	24.12 0.87 0.00	23.83 0.79 0.00	25.91 0.86 0.00	25.82 0.87 0.00	31.51 1.03 0.00	29.72 0.99 0.19	29.66 0.96 0.20	27.91 0.89 0.79	29.50 1.07 0.41	31.44 1.09 0.47	39.60 1.49 0.87	51.16 1.80 1.16	59.40 2.58 0.16	35.90 1.59 -2.77	36.35 1.62 -4.31	43.15 2.06 -2.25	57.49 2.73 0.00	51.21 2.27 0.00	39.21 1.66 0.00	31.22 1.24 0.00
LOWVILLE_115KV_TB2 356335	28.08 -0.52 0.00	22.86 -0.19 0.00	20.33 -0.06 0.00	20.39 -0.01 0.00	23.31 0.06 0.00	23.12 0.08 0.00	25.26 0.21 0.00	25.17 0.20 0.00	30.64 0.15 0.00	28.95 0.01 -0.01	29.09 -0.06 -0.25	27.91 -0.12 -0.22	28.67 -0.17 0.00	30.63 -0.20 0.00	38.89 -0.08 0.00	50.51 -0.05 -0.04	57.19 0.21 0.00	31.96 0.35 -0.08	30.84 0.42 0.00	39.52 0.67 0.00	55.98 1.21 0.00	49.90 0.95 0.00	38.06 0.51 0.00	30.21 0.23 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.04 1.44 0.00	24.21 1.16 0.00	21.35 0.96 0.00	21.43 1.02 0.00	24.40 1.15 0.00	24.12 1.08 0.00	26.21 1.16 0.00	26.17 1.21 0.00	31.94 1.45 0.00	30.21 1.43 0.15	30.17 1.42 0.15	28.57 1.36 0.60	30.03 1.52 0.33	32.03 1.58 0.37	40.43 2.15 0.69	52.35 2.76 0.93	60.51 3.66 0.13	36.51 2.15 -2.83	37.46 2.24 -4.80	44.19 2.83 -2.52	58.56 3.79 0.00	52.09 3.15 0.00	39.81 2.26 0.00	31.66 1.68 0.00
LUTHERNY_35_KV_BK2 355980	30.06 1.45 0.00	24.23 1.18 0.00	21.37 0.97 0.00	21.44 1.03 0.00	24.42 1.17 0.00	24.14 1.10 0.00	26.24 1.18 0.00	26.19 1.23 0.00	31.96 1.48 0.00	30.21 1.44 0.15	30.19 1.44 0.15	28.59 1.37 0.60	30.03 1.52 0.33	32.05 1.60 0.37	40.47 2.19 0.69	52.41 2.82 0.93	60.63 3.78 0.13	36.55 2.19 -2.83	37.50 2.28 -4.80	44.28 2.92 -2.52	58.68 3.91 0.00	52.18 3.23 0.00	39.87 2.32 0.00	31.69 1.71 0.00
LWR___OSWEGATCHIE_HYD 23850	27.44 -1.16 0.00	22.29 -0.77 0.00	19.80 -0.59 0.00	19.92 -0.49 0.00	22.78 -0.47 0.00	22.50 -0.54 0.00	24.46 -0.59 0.00	24.38 -0.58 0.00	29.65 -0.84 0.00	27.94 -1.00 -0.01	28.11 -0.99 -0.19	27.05 -0.93 -0.17	27.85 -0.99 0.00	29.72 -1.11 0.00	37.73 -1.24 0.00	48.93 -1.61 -0.03	55.29 -1.69 0.00	30.75 -0.85 -0.05	29.72 -0.70 0.00	38.14 -0.70 0.00	54.09 -0.68 0.00	48.39 -0.56 0.00	37.00 -0.55 0.00	29.37 -0.61 0.00
LYONS_FALL_HYD 23570	28.47 -0.14 0.00	23.06 0.00 0.00	20.46 0.06 0.00	20.49 0.09 0.00	23.41 0.15 0.00	23.22 0.18 0.00	25.39 0.33 0.00	25.31 0.35 0.00	30.88 0.40 0.00	29.25 0.31 -0.01	29.39 0.26 -0.22	28.20 0.20 -0.19	29.01 0.17 0.00	31.01 0.18 0.00	39.32 0.35 0.00	51.04 0.49 -0.04	57.72 0.74 0.00	32.20 0.59 -0.07	31.05 0.63 0.00	39.74 0.89 0.00	56.16 1.39 0.00	50.04 1.10 0.00	38.20 0.65 0.00	30.37 0.39 0.00
MADISON___COUNTY_LFGE 323628	29.17 0.56 0.00	23.43 0.37 0.00	20.72 0.32 0.00	20.72 0.31 0.00	23.63 0.38 0.00	23.49 0.45 0.00	25.73 0.68 0.00	25.63 0.67 0.00	31.38 0.90 0.00	29.82 0.87 -0.01	30.07 0.82 -0.35	28.84 0.71 -0.31	29.54 0.70 0.00	31.65 0.82 0.00	40.07 1.10 0.00	52.00 1.42 -0.06	58.65 1.67 0.00	32.69 1.03 -0.12	31.44 1.01 -0.01	40.15 1.30 0.00	56.65 1.89 0.00	50.41 1.47 0.00	38.53 0.98 0.00	30.70 0.72 0.00
MALONE___115KV_TB1 356076	28.18 -0.43 0.00	22.74 -0.32 0.00	20.18 -0.21 0.00	20.28 -0.13 0.00	23.27 0.02 0.00	23.10 0.05 0.00	25.05 -0.01 0.00	25.00 0.04 0.00	30.37 -0.11 0.00	28.42 -0.51 0.00	28.38 -0.52 0.00	27.70 -0.12 0.00	28.83 0.00 0.00	30.79 -0.03 0.00	39.20 0.22 0.00	50.84 0.32 0.00	57.14 0.16 0.00	31.41 -0.13 0.00	30.51 0.09 0.00	39.26 0.41 0.00	55.85 1.08 0.00	50.08 1.13 0.00	38.41 0.86 0.00	30.53 0.55 0.00
MAPLEWOD_115KV_TB3 80458	29.52 0.91 0.00	23.85 0.80 0.00	21.03 0.64 0.00	21.11 0.71 0.00	23.99 0.74 0.00	23.72 0.68 0.00	25.81 0.75 0.00	25.75 0.79 0.00	31.45 0.97 0.00	29.72 0.94 0.15	29.68 0.92 0.14	28.12 0.88 0.57	29.58 1.06 0.32	31.58 1.13 0.37	39.82 1.52 0.68	51.49 1.88 0.91	59.47 2.62 0.13	35.91 1.63 -2.75	35.78 1.60 -3.76	42.76 1.97 -1.95	57.33 2.56 0.00	51.02 2.07 0.00	39.05 1.50 0.00	31.13 1.14 0.00
MAPLE_RIDGE_WT_1 323574	28.04 -0.57 0.00	22.86 -0.20 0.00	20.34 -0.05 0.00	20.40 -0.01 0.00	23.23 -0.01 0.00	23.04 0.00 0.00	25.08 0.02 0.00	24.98 0.03 0.00	30.50 0.02 0.00	28.91 -0.02 0.00	28.85 -0.05 0.00	27.77 -0.04 0.00	28.82 -0.02 0.00	30.79 -0.03 0.00	38.97 0.00 0.00	50.57 0.05 0.00	57.10 0.12 0.00	31.66 0.12 0.00	30.51 0.09 0.00	38.92 0.08 0.00	54.88 0.11 0.00	48.94 0.00 0.00	37.55 0.00 0.00	29.95 -0.04 0.00

MAPLE_RIDGE_WT_2 323611	28.04 -0.57 0.00	22.86 -0.20 0.00	20.34 -0.05 0.00	20.40 -0.01 0.00	23.23 -0.01 0.00	23.04 0.00 0.00	25.08 0.02 0.00	24.98 0.03 0.00	30.50 0.02 0.00	28.91 -0.02 0.00	28.85 -0.05 0.00	27.77 -0.04 0.00	28.82 -0.02 0.00	30.79 -0.03 0.00	38.97 0.00 0.00	50.57 0.05 0.00	57.10 0.12 0.00	31.66 0.12 0.00	30.51 0.09 0.00	38.92 0.08 0.00	54.88 0.11 0.00	48.94 0.00 0.00	37.55 0.00 0.00	29.95 -0.04 0.00
MARBLE_RIVER_WT_PWR 323696	28.14 -0.47 0.00	22.68 -0.37 0.00	20.14 -0.25 0.00	20.24 -0.17 0.00	23.23 -0.02 0.00	23.14 0.09 0.00	25.06 0.01 0.00	24.98 0.02 0.00	30.34 -0.15 0.00	28.35 -0.58 0.00	28.24 -0.66 0.00	27.67 -0.15 0.00	28.90 0.06 0.00	30.92 0.10 0.00	39.32 0.34 0.00	50.97 0.46 0.00	57.38 0.40 0.00	31.49 -0.04 0.00	30.54 0.12 0.00	39.28 0.44 0.00	55.92 1.16 0.00	50.14 1.19 0.00	38.49 0.94 0.00	30.66 0.68 0.00
MARSHVLE_115KV_TB1 80742	30.69 2.09 0.00	24.72 1.67 0.00	21.86 1.47 0.00	21.83 1.42 0.00	24.94 1.69 0.00	24.79 1.75 0.00	26.91 1.85 0.00	26.85 1.89 0.00	32.79 2.31 0.00	31.06 2.22 0.09	30.82 1.95 0.03	29.33 1.80 0.29	30.35 1.70 0.20	32.41 1.82 0.22	40.83 2.27 0.41	52.91 2.94 0.55	60.20 3.30 0.08	36.96 2.01 -3.41	36.81 2.09 -4.30	43.82 2.75 -2.22	58.92 4.15 0.00	52.73 3.78 0.00	40.36 2.81 0.00	32.18 2.20 0.00
MARSH_HILL_WT_PWR 323713	29.44 0.83 0.00	23.45 0.39 0.00	20.71 0.31 0.00	20.61 0.20 0.00	23.62 0.37 0.00	23.57 0.53 0.00	25.94 0.88 0.00	25.66 0.71 0.00	31.68 1.19 0.00	30.36 1.40 -0.02	30.58 1.08 -0.60	29.20 0.86 -0.52	29.48 0.64 0.00	31.58 0.76 0.00	39.48 0.50 0.00	51.51 0.89 -0.10	57.53 0.55 0.00	32.20 0.25 -0.41	30.56 -0.18 -0.32	38.61 -0.40 -0.16	54.59 -0.17 0.00	48.31 -0.64 0.00	37.33 -0.22 0.00	30.19 0.21 0.00
MCINTYRE_115KV_TB2 80467	28.27 -0.33 0.00	22.83 -0.22 0.00	20.26 -0.13 0.00	20.41 0.00 0.00	23.37 0.12 0.00	23.02 -0.02 0.00	25.00 -0.05 0.00	24.89 -0.06 0.00	30.28 -0.20 0.00	28.49 -0.44 0.00	28.69 -0.30 -0.09	27.74 -0.15 -0.08	28.66 -0.18 0.00	30.60 -0.23 0.00	38.70 -0.27 0.00	50.17 -0.36 -0.02	56.37 -0.61 0.00	31.05 -0.49 0.00	30.12 -0.30 0.00	38.76 -0.08 0.00	55.03 0.26 0.00	49.42 0.48 0.00	37.90 0.35 0.00	30.09 0.11 0.00
MECO____69_KV_BK1 80468	31.41 2.80 0.00	25.19 2.13 0.00	22.16 1.76 0.00	22.14 1.73 0.00	25.27 2.02 0.00	25.12 2.08 0.00	27.78 2.73 0.00	26.97 2.01 0.00	33.14 2.66 0.00	31.05 2.22 0.10	30.76 1.91 0.05	28.03 0.55 0.34	29.69 1.06 0.22	31.79 1.21 0.25	40.67 2.15 0.46	52.25 2.34 0.61	60.83 3.94 0.09	37.49 2.72 -3.23	38.85 3.87 -4.57	46.42 5.20 -2.37	62.30 7.53 0.00	55.37 6.43 0.00	42.16 4.61 0.00	33.51 3.53 0.00
MENANDS__115KV_TB5 355628	29.35 0.74 0.00	23.72 0.67 0.00	20.92 0.52 0.00	21.01 0.60 0.00	23.87 0.61 0.00	23.59 0.54 0.00	25.65 0.60 0.00	25.59 0.63 0.00	31.24 0.76 0.00	29.53 0.75 0.15	29.50 0.74 0.14	27.95 0.71 0.57	29.41 0.89 0.32	31.38 0.92 0.37	39.57 1.26 0.67	51.15 1.53 0.90	59.08 2.23 0.13	35.67 1.39 -2.74	35.45 1.35 -3.67	42.40 1.65 -1.90	56.89 2.12 0.00	50.64 1.69 0.00	38.77 1.22 0.00	30.91 0.93 0.00
MG INDUSTRY__DRP 24185	29.49 0.88 0.00	23.82 0.76 0.00	21.00 0.61 0.00	21.08 0.68 0.00	23.97 0.72 0.00	23.70 0.66 0.00	25.79 0.74 0.00	25.73 0.77 0.00	31.39 0.91 0.00	29.69 0.85 0.09	29.66 0.81 0.06	28.31 0.77 0.27	29.56 0.91 0.20	31.58 0.97 0.22	39.89 1.32 0.40	51.59 1.61 0.54	59.07 2.17 0.08	35.55 1.34 -2.67	34.61 1.32 -2.86	41.94 1.62 -1.47	56.89 2.12 0.00	50.66 1.72 0.00	38.83 1.28 0.00	30.97 0.99 0.00
MID__OSWEGATCHIE_HYD 23849	27.44 -1.16 0.00	22.29 -0.77 0.00	19.80 -0.59 0.00	19.92 -0.49 0.00	22.78 -0.47 0.00	22.50 -0.54 0.00	24.46 -0.59 0.00	24.38 -0.58 0.00	29.65 -0.84 0.00	27.94 -1.00 -0.01	28.11 -0.99 -0.19	27.05 -0.93 -0.17	27.85 -0.99 0.00	29.72 -1.11 0.00	37.73 -1.24 0.00	48.93 -1.61 -0.03	55.29 -1.69 0.00	30.75 -0.85 -0.05	29.72 -0.70 0.00	38.14 -0.70 0.00	54.09 -0.68 0.00	48.39 -0.56 0.00	37.00 -0.55 0.00	29.37 -0.61 0.00
MID__RAQUETTE_HYD 23851	27.36 -1.25 0.00	22.13 -0.93 0.00	19.65 -0.74 0.00	19.82 -0.60 0.00	22.67 -0.58 0.00	22.32 -0.72 0.00	24.21 -0.84 0.00	24.14 -0.82 0.00	29.37 -1.11 0.00	27.60 -1.34 0.00	27.79 -1.22 -0.11	26.87 -1.04 -0.09	27.76 -1.09 0.00	29.60 -1.23 0.00	37.52 -1.45 0.00	48.63 -1.91 -0.02	54.73 -2.25 0.00	30.18 -1.36 0.00	29.27 -1.15 0.00	37.62 -1.23 0.00	53.35 -1.42 0.00	47.90 -1.05 0.00	36.75 -0.80 0.00	29.19 -0.79 0.00
MILLIKEN__1 23584	29.33 0.72 0.00	23.52 0.46 0.00	20.77 0.37 0.00	20.76 0.34 0.00	23.67 0.42 0.00	23.52 0.48 0.00	25.81 0.76 0.00	25.67 0.72 0.00	31.42 0.94 0.00	29.86 0.91 -0.02	30.23 0.76 -0.57	28.93 0.63 -0.49	29.43 0.59 0.00	31.50 0.68 0.00	39.81 0.84 0.00	51.82 1.20 -0.10	58.34 1.36 0.00	32.83 0.90 -0.40	31.54 0.80 -0.32	40.03 1.02 -0.16	56.27 1.50 0.00	50.03 1.08 0.00	38.27 0.72 0.00	30.59 0.61 0.00
MILLIKEN__2 23585	29.33 0.72 0.00	23.52 0.46 0.00	20.77 0.37 0.00	20.76 0.34 0.00	23.67 0.42 0.00	23.52 0.48 0.00	25.81 0.76 0.00	25.67 0.72 0.00	31.42 0.94 0.00	29.86 0.91 -0.02	30.23 0.76 -0.57	28.93 0.63 -0.49	29.43 0.59 0.00	31.50 0.68 0.00	39.81 0.84 0.00	51.82 1.20 -0.10	58.34 1.36 0.00	32.83 0.90 -0.40	31.54 0.80 -0.32	40.03 1.02 -0.16	56.27 1.50 0.00	50.03 1.08 0.00	38.27 0.72 0.00	30.59 0.61 0.00
MILLIKEN__DIESEL 23629	29.33 0.72 0.00	23.52 0.46 0.00	20.77 0.37 0.00	20.76 0.34 0.00	23.67 0.42 0.00	23.52 0.48 0.00	25.81 0.76 0.00	25.67 0.72 0.00	31.42 0.94 0.00	29.86 0.91 -0.02	30.23 0.76 -0.57	28.93 0.63 -0.49	29.43 0.59 0.00	31.50 0.68 0.00	39.81 0.84 0.00	51.82 1.20 -0.10	58.34 1.36 0.00	32.83 0.90 -0.40	31.54 0.80 -0.32	40.03 1.02 -0.16	56.27 1.50 0.00	50.03 1.08 0.00	38.27 0.72 0.00	30.59 0.61 0.00
MILLSEAT__LFGE 323607	28.83 0.22 0.00	23.01 -0.04 0.00	20.31 -0.08 0.00	20.16 -0.24 0.00	23.07 -0.18 0.00	23.08 0.04 0.00	25.35 0.30 0.00	24.87 -0.08 0.00	30.85 0.37 0.00	29.61 0.66 -0.03	29.93 0.34 -0.69	28.62 0.21 -0.60	28.88 0.04 0.00	30.85 0.02 0.00	38.27 -0.71 0.00	49.82 -0.82 -0.12	55.23 -1.76 -0.01	30.74 -1.09 -0.30	29.42 -1.22 -0.22	37.55 -1.41 -0.11	53.36 -1.41 0.00	47.16 -1.79 -0.01	36.45 -1.10 0.00	29.74 -0.24 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.29 1.68 0.00	24.37 1.31 0.00	21.44 1.04 0.00	21.44 1.03 0.00	24.33 1.08 0.00	24.09 1.05 0.00	26.33 1.27 0.00	26.42 1.46 0.00	32.21 1.73 0.00	30.92 1.87 -0.13	31.05 1.89 -0.25	31.19 1.82 -1.55	31.07 1.97 -0.26	33.30 2.17 -0.30	42.53 2.89 -0.67	55.23 3.95 -0.77	62.00 4.91 -0.11	36.53 2.89 -2.11	34.56 2.56 -1.58	42.50 2.87 -0.79	58.56 3.79 0.00	52.06 3.12 0.00	39.85 2.30 0.00	31.82 1.84 0.00

MILLWOOD_13_KV_LOAD 356217	30.38 1.77 0.00	24.44 1.39 0.00	21.50 1.11 0.00	21.50 1.09 0.00	24.39 1.15 0.00	24.16 1.12 0.00	26.41 1.35 0.00	26.50 1.54 0.00	32.33 1.85 0.00	31.04 1.98 -0.13	31.16 2.00 -0.25	31.30 1.93 -1.55	31.20 2.09 -0.26	33.43 2.31 -0.30	42.71 3.07 -0.67	55.47 4.19 -0.77	62.27 5.19 -0.11	36.69 3.05 -2.11	34.71 2.71 -1.58	42.68 3.05 -0.79	58.83 4.06 0.00	52.26 3.31 0.00	39.99 2.44 0.00	31.93 1.94 0.00
MODEL_CITY_ENERGY 24167	28.02 -0.59 0.00	22.41 -0.65 0.00	19.79 -0.61 0.00	19.63 -0.78 0.00	22.46 -0.79 0.00	22.45 -0.59 0.00	24.63 -0.42 0.00	24.03 -0.93 0.00	29.86 -0.62 0.00	28.72 -0.24 -0.03	29.00 -0.58 -0.68	27.71 -0.70 -0.59	27.91 -0.93 0.00	29.76 -1.06 0.00	36.86 -2.12 0.00	47.85 -2.79 -0.11	52.85 -4.13 0.00	29.44 -2.41 -0.31	28.17 -2.48 -0.23	35.99 -2.97 -0.11	51.16 -3.61 0.00	45.23 -3.72 0.00	35.10 -2.45 0.00	28.79 -1.19 0.00
MODERN_LFGE_ 323580	28.02 -0.59 0.00	22.41 -0.65 0.00	19.79 -0.61 0.00	19.63 -0.78 0.00	22.46 -0.79 0.00	22.45 -0.59 0.00	24.63 -0.42 0.00	24.03 -0.93 0.00	29.86 -0.62 0.00	28.72 -0.24 -0.03	29.00 -0.58 -0.68	27.71 -0.70 -0.59	27.91 -0.93 0.00	29.76 -1.06 0.00	36.86 -2.12 0.00	47.85 -2.79 -0.11	52.85 -4.13 0.00	29.44 -2.41 -0.31	28.17 -2.48 -0.23	35.99 -2.97 -0.11	51.16 -3.61 0.00	45.23 -3.72 0.00	35.10 -2.45 0.00	28.79 -1.19 0.00
MOHAWK_PAPER___DRP 24187	29.52 0.91 0.00	23.85 0.80 0.00	21.03 0.64 0.00	21.11 0.71 0.00	23.99 0.74 0.00	23.72 0.68 0.00	25.81 0.75 0.00	25.75 0.79 0.00	31.45 0.97 0.00	29.72 0.94 0.15	29.68 0.92 0.14	28.12 0.88 0.57	29.58 1.06 0.32	31.58 1.13 0.37	39.82 1.52 0.68	51.49 1.88 0.91	59.47 2.62 0.13	35.91 1.63 -2.75	35.78 1.60 -3.76	42.76 1.97 -1.95	57.33 2.56 0.00	51.02 2.07 0.00	39.05 1.50 0.00	31.13 1.14 0.00
MOHICAN___35_KV_115KV_LD 80490	30.04 1.44 0.00	24.15 1.10 0.00	21.29 0.90 0.00	21.38 0.97 0.00	24.39 1.14 0.00	24.07 1.03 0.00	26.10 1.05 0.00	26.11 1.15 0.00	31.85 1.36 0.00	30.20 1.42 0.15	30.21 1.45 0.14	28.64 1.41 0.59	30.12 1.60 0.33	32.01 1.55 0.37	40.43 2.14 0.68	52.48 2.87 0.91	60.76 3.91 0.13	36.60 2.23 -2.83	37.79 2.55 -4.82	44.63 3.26 -2.53	59.09 4.33 0.00	52.53 3.59 0.00	40.06 2.52 0.00	31.76 1.78 0.00
MONGAUP___HYD 23641	30.22 1.61 0.00	24.16 1.10 0.00	21.32 0.93 0.00	21.35 0.94 0.00	24.23 0.98 0.00	24.03 0.99 0.00	26.27 1.21 0.00	26.19 1.23 0.00	31.79 1.31 0.00	30.42 1.39 -0.10	30.50 1.37 -0.23	29.04 1.20 -0.03	30.12 1.07 -0.21	32.10 1.03 -0.24	40.90 1.53 -0.39	53.72 2.59 -0.61	60.64 3.58 -0.08	35.77 2.35 -1.88	34.00 2.17 -1.42	42.04 2.49 -0.70	57.97 3.20 0.00	51.71 2.76 0.00	39.96 2.41 0.00	31.77 1.80 0.00
MONTAUK___DIESEL 23721	34.44 4.84 -1.00	28.72 3.85 -1.82	24.52 3.26 -0.87	23.59 3.18 0.00	26.84 3.59 0.00	26.43 3.39 0.00	28.73 3.68 0.00	28.83 3.87 0.00	35.51 5.03 0.00	34.26 5.20 -0.13	34.46 5.18 -0.38	44.86 4.76 -12.28	35.80 4.96 -2.00	37.51 5.43 -1.26	46.81 6.82 -1.02	60.39 9.10 -0.78	217.90 10.89 -150.02	316.30 6.10 -278.66	151.66 5.67 -115.57	71.90 6.85 -26.21	63.64 8.87 -0.01	55.89 6.95 0.00	43.44 5.89 0.00	36.30 5.03 -1.28
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.52 0.91 0.00	23.42 0.37 0.00	20.71 0.32 0.00	20.56 0.15 0.00	23.55 0.30 0.00	23.55 0.51 0.00	25.94 0.88 0.00	25.64 0.68 0.00	31.90 1.41 0.00	30.69 1.74 -0.03	30.99 1.44 -0.65	29.49 1.11 -0.56	29.70 0.86 0.00	31.90 1.08 0.00	39.76 0.78 0.00	51.73 1.10 -0.11	57.10 0.12 0.00	31.68 -0.21 -0.35	30.08 -0.61 -0.27	38.40 -0.58 -0.13	54.65 -0.12 0.00	48.44 -0.52 0.00	37.13 -0.42 0.00	29.96 -0.02 0.00
MORTIMER_115KV_TB3 55949	28.67 0.07 0.00	22.93 -0.13 0.00	20.23 -0.16 0.00	20.14 -0.27 0.00	23.01 -0.24 0.00	22.95 -0.09 0.00	25.12 0.07 0.00	24.81 -0.15 0.00	30.61 0.13 0.00	29.33 0.37 -0.03	29.77 0.15 -0.72	28.49 0.05 -0.62	28.80 -0.04 0.00	30.76 -0.06 0.00	38.44 -0.54 0.00	49.97 -0.66 -0.12	55.70 -1.28 0.00	30.98 -0.80 -0.25	29.71 -0.89 -0.18	37.88 -1.06 -0.09	53.66 -1.11 0.00	47.57 -1.37 0.00	36.63 -0.92 0.00	29.64 -0.34 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.54 1.93 0.00	24.57 1.51 0.00	21.60 1.20 0.00	21.58 1.17 0.00	24.50 1.25 0.00	24.26 1.22 0.00	26.54 1.49 0.00	26.64 1.68 0.00	32.47 1.99 0.00	31.20 2.14 -0.13	31.31 2.15 -0.26	31.38 2.09 -1.48	31.35 2.24 -0.27	33.59 2.46 -0.30	42.91 3.27 -0.66	55.78 4.49 -0.78	62.59 5.50 -0.11	36.86 3.20 -2.12	34.85 2.83 -1.60	42.82 3.18 -0.79	58.99 4.22 0.00	52.43 3.48 0.00	40.15 2.60 0.00	32.08 2.10 0.00
MUNSVILLE_WIND_PWR 323609	30.84 2.23 0.00	24.60 1.55 0.00	21.70 1.30 0.00	21.64 1.23 0.00	24.74 1.49 0.00	24.67 1.62 0.00	27.26 2.21 0.00	27.18 2.22 0.00	33.19 2.71 0.00	31.39 2.44 -0.02	31.56 2.26 -0.40	30.32 2.15 -0.34	30.95 2.11 0.00	33.27 2.44 0.00	42.05 3.07 0.00	54.67 4.08 -0.07	61.80 4.82 0.00	35.27 3.15 -0.58	34.02 2.99 -0.61	43.01 3.85 -0.31	60.24 5.48 0.00	53.42 4.48 0.00	40.69 3.14 0.00	32.38 2.40 0.00
N SALMON___HYD 24042	28.18 -0.43 0.00	22.73 -0.32 0.00	20.18 -0.21 0.00	20.28 -0.13 0.00	23.26 0.01 0.00	23.10 0.05 0.00	25.05 -0.01 0.00	25.00 0.04 0.00	30.37 -0.11 0.00	28.42 -0.51 0.00	28.38 -0.52 0.00	27.70 -0.12 0.00	28.83 0.00 0.00	30.79 -0.03 0.00	39.20 0.22 0.00	50.84 0.33 0.00	57.14 0.16 0.00	31.41 -0.13 0.00	30.51 0.09 0.00	39.26 0.41 0.00	55.85 1.08 0.00	50.08 1.13 0.00	38.41 0.86 0.00	30.53 0.55 0.00
N.AKRON___115KV_KNAPP 355671	28.73 0.12 0.00	22.93 -0.13 0.00	20.24 -0.15 0.00	20.09 -0.32 0.00	22.97 -0.28 0.00	22.98 -0.06 0.00	25.27 0.21 0.00	24.75 -0.21 0.00	30.70 0.22 0.00	29.52 0.56 -0.03	29.85 0.26 -0.69	28.51 0.10 -0.60	28.75 -0.09 0.00	30.70 -0.12 0.00	38.07 -0.91 0.00	49.50 -1.14 -0.12	54.80 -2.19 -0.01	30.49 -1.35 -0.30	29.18 -1.46 -0.23	37.26 -1.69 -0.11	52.97 -1.80 0.00	46.81 -2.14 -0.01	36.21 -1.34 0.00	29.61 -0.38 0.00
N.BELMOR_69_KV_BK1 55787	32.16 2.56 -0.99	26.88 2.02 -1.81	22.91 1.66 -0.87	22.02 1.62 0.00	25.01 1.76 0.00	24.69 1.65 0.00	26.99 1.94 0.00	27.06 2.10 0.00	33.08 2.60 0.00	31.71 2.64 -0.13	31.75 2.59 -0.26	33.75 2.60 -3.34	33.56 2.77 -1.95	34.82 2.99 -1.00	43.38 3.74 -0.66	56.36 5.07 -0.78	66.36 6.31 -3.08	64.74 3.64 -29.56	72.24 3.33 -38.49	43.49 3.85 -0.79	59.67 4.89 0.00	52.94 4.00 0.00	40.70 3.16 0.00	34.01 2.74 -1.28
N.E._GEN_SANDY PD 24062	29.67 1.11 0.05	24.02 0.96 0.00	20.98 0.77 0.18	21.56 0.84 -0.32	24.10 0.85 0.00	23.81 0.77 0.00	25.91 0.85 0.00	25.88 0.92 0.00	31.53 1.05 0.00	28.93 1.04 1.05	28.33 1.04 1.62	23.63 0.96 5.14	27.79 1.14 2.19	29.52 1.19 2.49	35.89 1.61 4.70	45.22 2.02 7.31	58.97 2.86 0.87	35.74 1.75 -2.46	34.36 1.65 -2.28	42.48 2.03 -1.60	57.42 2.65 0.00	51.11 2.16 0.00	39.37 1.59 -0.23	30.89 1.25 0.34

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.20 1.59 0.00	24.28 1.22 0.00	21.36 0.97 0.00	21.38 0.97 0.00	24.25 1.00 0.00	24.01 0.97 0.00	26.26 1.20 0.00	26.34 1.38 0.00	32.14 1.65 0.00	30.84 1.79 -0.12	31.00 1.86 -0.24	29.29 1.79 0.31	31.01 1.93 -0.24	33.24 2.14 -0.28	42.23 2.85 -0.41	55.17 3.95 -0.71	62.00 4.92 -0.10	36.45 2.88 -2.02	34.48 2.54 -1.52	42.40 2.80 -0.76	58.49 3.72 0.00	52.01 3.07 0.00	39.77 2.22 0.00	31.74 1.76 0.00
N.QUEENS_27_KV_LOAD 356247	30.65 2.04 0.00	24.69 1.63 0.00	21.70 1.30 0.00	21.67 1.26 0.00	24.59 1.34 0.00	24.35 1.30 0.00	26.67 1.61 0.00	26.75 1.79 0.00	32.61 2.13 0.00	31.33 2.27 -0.13	31.36 2.20 -0.26	31.45 2.16 -1.48	31.46 2.35 -0.27	33.71 2.58 -0.30	43.09 3.45 -0.66	56.01 4.71 -0.78	62.88 5.80 -0.11	37.00 3.34 -2.12	34.95 2.93 -1.60	42.97 3.32 -0.79	59.20 4.43 0.00	52.60 3.65 0.00	40.32 2.77 0.00	32.24 2.26 0.00
N.TROY___115KV_TB1 355778	29.64 1.04 0.00	23.95 0.90 0.00	21.12 0.73 0.00	21.21 0.81 0.00	24.12 0.87 0.00	23.83 0.79 0.00	25.91 0.86 0.00	25.83 0.87 0.00	31.51 1.03 0.00	29.72 0.98 0.19	29.66 0.96 0.20	27.91 0.89 0.79	29.50 1.07 0.41	31.44 1.09 0.47	39.60 1.49 0.87	51.16 1.80 1.16	59.40 2.58 0.16	35.90 1.59 -2.77	36.35 1.62 -4.31	43.15 2.06 -2.25	57.49 2.73 0.00	51.21 2.27 0.00	39.21 1.66 0.00	31.23 1.25 0.00
NARROWS_GT1_1 24228	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NARROWS_GT1_2 24229	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NARROWS_GT1_3 24230	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NARROWS_GT1_4 24231	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NARROWS_GT1_5 24232	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NARROWS_GT1_6 24233	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NARROWS_GT1_7 24234	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NARROWS_GT1_8 24235	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NARROWS_GT2_1 24236	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NARROWS_GT2_2 24237	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NARROWS_GT2_3 24238	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NARROWS_GT2_4 24239	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00

NARROWS_GT2_5 24240	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NARROWS_GT2_6 24241	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NARROWS_GT2_7 24242	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NARROWS_GT2_8 24243	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.48 2.38 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.98 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.71 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.89 1.28 0.00	24.13 1.08 0.00	21.26 0.87 0.00	21.36 0.96 0.00	24.29 1.04 0.00	24.03 0.98 0.00	26.15 1.10 0.00	26.11 1.15 0.00	31.84 1.36 0.00	30.01 1.15 0.06	29.93 1.05 0.02	28.75 1.09 0.16	30.01 1.31 0.14	32.11 1.45 0.16	40.69 2.00 0.29	52.61 2.48 0.39	60.12 3.19 0.06	36.09 2.00 -2.55	35.27 2.15 -2.70	43.05 2.83 -1.38	58.59 3.82 0.00	52.05 3.11 0.00	39.75 2.20 0.00	31.62 1.64 0.00
NCHELSEA_115KV_TR2 355582	30.45 1.84 0.00	24.49 1.43 0.00	21.54 1.15 0.00	21.54 1.14 0.00	24.45 1.20 0.00	24.22 1.18 0.00	26.47 1.41 0.00	26.55 1.60 0.00	32.40 1.91 0.00	31.07 2.04 -0.10	31.21 2.09 -0.21	30.41 2.02 -0.57	31.22 2.18 -0.20	33.47 2.41 -0.23	42.61 3.20 -0.43	55.52 4.42 -0.59	62.43 5.37 -0.08	36.81 3.14 -2.13	34.88 2.85 -1.61	42.94 3.28 -0.80	59.15 4.38 0.00	52.55 3.60 0.00	40.19 2.64 0.00	32.05 2.07 0.00
NEG CAPITAL___MECHNVIL 23645	30.05 1.44 0.00	24.21 1.16 0.00	21.34 0.95 0.00	21.42 1.02 0.00	24.38 1.13 0.00	24.11 1.07 0.00	26.22 1.16 0.00	26.17 1.21 0.00	31.96 1.48 0.00	30.22 1.45 0.17	30.18 1.44 0.17	28.52 1.37 0.67	30.03 1.55 0.36	32.03 1.62 0.41	40.42 2.20 0.76	52.34 2.83 1.01	60.62 3.78 0.14	36.57 2.22 -2.81	37.38 2.29 -4.67	44.16 2.87 -2.45	58.62 3.85 0.00	52.12 3.18 0.00	39.84 2.29 0.00	31.68 1.70 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.21 -0.40 0.00	22.57 -0.49 0.00	19.93 -0.46 0.00	19.85 -0.56 0.00	22.67 -0.58 0.00	22.60 -0.44 0.00	24.77 -0.28 0.00	24.51 -0.44 0.00	30.21 -0.27 0.00	28.89 -0.07 -0.03	29.39 -0.22 -0.71	28.14 -0.28 -0.61	28.47 -0.37 0.00	30.40 -0.42 0.00	38.12 -0.86 0.00	49.58 -1.06 -0.12	55.38 -1.60 0.00	30.83 -0.95 -0.24	29.57 -1.02 -0.17	37.64 -1.29 -0.08	53.22 -1.55 0.00	47.18 -1.76 0.00	36.25 -1.30 0.00	29.24 -0.74 0.00
NEG CENTRAL___DRP 24199	28.94 0.33 0.00	23.22 0.16 0.00	20.50 0.10 0.00	20.46 0.05 0.00	23.37 0.11 0.00	23.25 0.21 0.00	25.53 0.48 0.00	25.38 0.42 0.00	31.05 0.57 0.00	29.63 0.67 -0.03	30.09 0.52 -0.67	28.79 0.39 -0.58	29.15 0.30 0.00	31.14 0.31 0.00	39.23 0.26 0.00	51.16 0.53 -0.11	57.40 0.43 0.00	32.08 0.28 -0.26	30.75 0.14 -0.19	39.07 0.13 -0.09	55.08 0.31 0.00	48.92 -0.03 0.00	37.46 -0.08 0.00	30.05 0.07 0.00
NEG CENTRAL___INDECK 23768	29.45 0.85 0.00	23.49 0.44 0.00	20.75 0.36 0.00	20.66 0.25 0.00	23.64 0.39 0.00	23.60 0.56 0.00	25.89 0.83 0.00	25.54 0.58 0.00	31.19 0.71 0.00	29.72 0.77 -0.03	30.03 0.48 -0.65	28.57 0.19 -0.56	28.95 0.11 0.00	30.64 -0.18 0.00	37.96 -1.02 0.00	49.43 -1.20 -0.11	55.61 -1.37 0.00	31.11 -0.77 -0.34	30.00 -0.68 -0.26	38.24 -0.74 -0.13	54.19 -0.58 0.00	47.97 -0.98 0.00	37.68 0.13 0.00	30.73 0.75 0.00
NEG CENTRAL___SENECA 23627	29.08 0.47 0.00	23.29 0.24 0.00	20.55 0.16 0.00	20.49 0.08 0.00	23.42 0.17 0.00	23.36 0.32 0.00	25.72 0.66 0.00	25.56 0.60 0.00	31.27 0.79 0.00	29.89 0.94 -0.03	30.35 0.77 -0.67	28.99 0.59 -0.58	29.32 0.48 0.00	31.33 0.50 0.00	39.42 0.44 0.00	51.42 0.79 -0.11	57.63 0.65 0.00	32.24 0.42 -0.29	30.87 0.23 -0.21	39.23 0.28 -0.11	55.31 0.54 0.00	49.06 0.12 0.00	37.58 0.03 0.00	30.17 0.19 0.00
NEG CENTRAL___STATE_STREET 24147	29.11 0.50 0.00	23.47 0.42 0.00	20.76 0.36 0.00	20.77 0.36 0.00	23.67 0.42 0.00	23.47 0.42 0.00	25.63 0.58 0.00	25.44 0.48 0.00	31.13 0.65 0.00	29.55 0.59 -0.03	30.10 0.54 -0.66	28.77 0.39 -0.57	29.27 0.44 0.00	31.21 0.39 0.00	39.46 0.48 0.00	51.49 0.86 -0.11	57.84 0.86 0.00	32.28 0.49 -0.25	31.03 0.42 -0.19	39.42 0.48 -0.09	55.57 0.80 0.00	49.35 0.40 0.00	37.80 0.25 0.00	30.29 0.31 0.00
NEG MILLWOOD___DRP 24198	30.57 1.96 0.00	24.58 1.53 0.00	21.61 1.22 0.00	21.61 1.20 0.00	24.53 1.28 0.00	24.29 1.25 0.00	26.56 1.51 0.00	26.66 1.70 0.00	32.54 2.06 0.00	31.26 2.22 -0.11	31.40 2.27 -0.23	30.92 2.19 -0.92	31.43 2.36 -0.23	33.71 2.63 -0.26	42.98 3.48 -0.53	55.99 4.80 -0.67	62.83 5.76 -0.09	37.05 3.35 -2.16	35.10 3.05 -1.63	43.17 3.51 -0.81	59.43 4.66 0.00	52.77 3.82 0.00	40.34 2.79 0.00	32.17 2.19 0.00
NEG NORTH_FLCN_SEA 23793	28.42 -0.19 0.00	22.91 -0.14 0.00	20.33 -0.06 0.00	20.43 0.02 0.00	23.45 0.20 0.00	23.37 0.33 0.00	25.32 0.26 0.00	25.28 0.32 0.00	30.68 0.20 0.00	28.65 -0.28 0.00	28.50 -0.40 0.00	27.99 0.18 0.00	29.27 0.43 0.00	31.29 0.47 0.00	39.79 0.82 0.00	51.60 1.09 0.00	58.09 1.11 0.00	31.82 0.28 0.00	30.86 0.43 0.00	39.69 0.85 0.00	56.61 1.84 0.00	50.68 1.74 0.00	38.91 1.36 0.00	30.99 1.01 0.00
NEG NORTH_KES_CHATEGAY 23792	28.17 -0.44 0.00	22.72 -0.33 0.00	20.18 -0.21 0.00	20.26 -0.15 0.00	23.27 0.02 0.00	23.14 0.09 0.00	25.06 0.00 0.00	25.00 0.04 0.00	30.33 -0.15 0.00	28.35 -0.58 0.00	28.24 -0.66 0.00	27.65 -0.17 0.00	28.85 0.01 0.00	30.85 0.03 0.00	39.27 0.29 0.00	50.92 0.40 0.00	57.26 0.28 0.00	31.45 -0.08 0.00	30.53 0.10 0.00	39.30 0.45 0.00	55.96 1.19 0.00	50.19 1.24 0.00	38.53 0.99 0.00	30.67 0.69 0.00

NEG NORTH___ALICE_FALLS 23915	28.38 -0.23 0.00	22.87 -0.18 0.00	20.29 -0.10 0.00	20.38 -0.03 0.00	23.40 0.15 0.00	23.32 0.28 0.00	25.27 0.21 0.00	25.22 0.26 0.00	30.51 0.02 0.00	28.50 -0.43 0.00	28.37 -0.53 0.00	27.85 0.03 0.00	29.11 0.27 0.00	31.12 0.30 0.00	39.74 0.76 0.00	51.46 0.94 0.00	57.92 0.94 0.00	31.77 0.24 0.00	30.82 0.40 0.00	39.67 0.67 0.00	56.57 1.80 0.00	50.65 1.71 0.00	38.85 1.30 0.00	30.93 0.94 0.00
NEG NORTH___LWR_SARANAC 23913	28.38 -0.23 0.00	22.87 -0.18 0.00	20.29 -0.10 0.00	20.38 -0.03 0.00	23.40 0.15 0.00	23.32 0.28 0.00	25.27 0.21 0.00	25.22 0.26 0.00	30.51 0.02 0.00	28.50 -0.43 0.00	28.37 -0.53 0.00	27.85 0.03 0.00	29.11 0.27 0.00	31.12 0.30 0.00	39.74 0.76 0.00	51.46 0.94 0.00	57.92 0.94 0.00	31.77 0.24 0.00	30.82 0.40 0.00	39.67 0.83 0.00	56.57 1.80 0.00	50.65 1.71 0.00	38.85 1.30 0.00	30.93 0.94 0.00
NEG NORTH___PLATTSBURG 23628	28.38 -0.23 0.00	22.87 -0.18 0.00	20.29 -0.10 0.00	20.38 -0.03 0.00	23.39 0.14 0.00	23.32 0.28 0.00	25.27 0.21 0.00	25.22 0.26 0.00	30.51 0.02 0.00	28.50 -0.43 0.00	28.37 -0.53 0.00	27.85 0.03 0.00	29.11 0.27 0.00	31.12 0.30 0.00	39.74 0.76 0.00	51.46 0.94 0.00	57.92 0.94 0.00	31.77 0.24 0.00	30.82 0.40 0.00	39.67 0.83 0.00	56.57 1.80 0.00	50.65 1.71 0.00	38.85 1.30 0.00	30.93 0.94 0.00
NEG WEST_LEA_LOCKPORT 23791	28.35 -0.26 0.00	22.63 -0.42 0.00	19.98 -0.41 0.00	19.83 -0.58 0.00	22.67 -0.58 0.00	22.68 -0.37 0.00	24.90 -0.15 0.00	24.35 -0.61 0.00	30.25 -0.24 0.00	29.10 0.15 -0.03	29.41 -0.18 -0.68	28.07 -0.34 -0.59	28.27 -0.57 0.00	30.17 -0.66 0.00	37.38 -1.60 0.00	48.54 -2.10 -0.12	53.63 -3.36 -0.01	29.85 -2.00 -0.31	28.56 -2.09 -0.23	36.49 -2.47 -0.11	51.88 -2.90 0.00	45.87 -3.08 -0.01	35.55 -2.00 0.00	29.13 -0.85 0.00
NEG WEST___LANCASTR 23811	29.07 0.46 0.00	23.10 0.05 0.00	20.42 0.03 0.00	20.27 -0.13 0.00	23.20 -0.05 0.00	23.18 0.13 0.00	25.51 0.46 0.00	25.14 0.18 0.00	31.21 0.73 0.00	29.98 1.02 -0.03	30.31 0.76 -0.65	28.85 0.48 -0.56	28.98 0.14 0.00	31.05 0.23 0.00	38.66 -0.31 0.00	50.26 -0.37 -0.11	55.66 -1.32 0.00	31.04 -0.86 -0.35	29.61 -1.08 -0.27	37.80 -1.19 -0.13	53.64 -1.13 0.00	47.58 -1.37 0.00	36.67 -0.88 0.00	29.79 -0.19 0.00
NEG_PENN_ALLEGHNY 23528	29.17 0.57 0.00	23.33 0.28 0.00	20.62 0.22 0.00	20.58 0.17 0.00	23.49 0.23 0.00	23.36 0.32 0.00	25.58 0.53 0.00	25.48 0.52 0.00	31.27 0.79 0.00	29.79 0.85 -0.02	29.99 0.65 -0.44	28.71 0.51 -0.38	29.25 0.41 0.00	31.41 0.59 0.00	39.58 0.61 0.00	51.58 0.98 -0.08	57.93 0.95 0.00	32.76 0.60 -0.63	31.36 0.41 -0.53	39.62 0.50 -0.26	55.50 0.73 0.00	49.44 0.49 0.00	37.85 0.30 0.00	30.27 0.29 0.00
NEG___GEN_MONROE 24207	28.88 0.27 0.00	23.09 0.04 0.00	20.38 -0.01 0.00	20.28 -0.13 0.00	23.19 -0.06 0.00	23.14 0.10 0.00	25.33 0.27 0.00	25.00 0.04 0.00	30.84 0.35 0.00	29.54 0.59 -0.03	29.96 0.34 -0.72	28.68 0.24 -0.62	28.98 0.14 0.00	30.97 0.14 0.00	38.65 -0.33 0.00	50.28 -0.36 -0.12	56.03 -0.95 0.00	31.17 -0.62 -0.25	29.88 -0.72 -0.18	38.11 -0.83 -0.09	54.03 -0.74 0.00	47.85 -1.10 0.00	36.84 -0.71 0.00	29.85 -0.13 0.00
NEPA___ENERGY 23901	29.14 0.53 0.00	23.10 0.04 0.00	20.45 0.06 0.00	20.30 -0.11 0.00	23.27 0.02 0.00	23.25 0.21 0.00	25.59 0.53 0.00	25.31 0.35 0.00	31.39 0.91 0.00	30.12 1.16 -0.03	30.38 0.84 -0.65	28.82 0.44 -0.56	28.99 0.15 0.00	31.22 0.39 0.00	38.97 -0.01 0.00	50.78 0.15 -0.11	56.20 -0.78 0.00	31.37 -0.53 -0.35	29.83 -0.86 -0.27	38.05 -0.94 -0.13	53.89 -0.88 0.00	47.91 -1.03 0.00	36.74 -0.81 0.00	29.66 -0.32 0.00
NEVERSINK___HYD 23608	29.95 1.34 0.00	24.03 0.98 0.00	21.14 0.75 0.00	21.12 0.71 0.00	23.98 0.73 0.00	23.78 0.74 0.00	26.03 0.98 0.00	26.14 1.18 0.00	32.03 1.55 0.00	30.60 1.61 -0.07	30.90 1.82 -0.19	29.93 1.73 -0.39	30.80 1.84 -0.12	33.00 2.04 -0.14	41.73 2.50 -0.26	54.35 3.45 -0.38	61.54 4.50 -0.05	36.13 2.76 -1.83	34.31 2.44 -1.45	42.35 2.78 -0.72	58.46 3.69 0.00	51.94 3.00 0.00	39.69 2.14 0.00	31.62 1.63 0.00
NEWKRMKL_115KV_TB1 55635	29.22 0.62 0.00	23.61 0.55 0.00	20.81 0.42 0.00	20.89 0.48 0.00	23.74 0.48 0.00	23.47 0.43 0.00	25.55 0.49 0.00	25.50 0.54 0.00	31.15 0.66 0.00	29.46 0.67 0.14	29.44 0.66 0.12	27.97 0.65 0.50	29.36 0.81 0.29	31.35 0.86 0.33	39.55 1.19 0.61	51.16 1.46 0.82	58.98 2.11 0.12	35.61 1.33 -2.74	35.29 1.28 -3.59	42.24 1.53 -1.86	56.72 1.95 0.00	50.46 1.51 0.00	38.64 1.09 0.00	30.80 0.81 0.00
NEWTON___FALLS_HYD 23847	27.44 -1.16 0.00	22.29 -0.77 0.00	19.80 -0.59 0.00	19.92 -0.49 0.00	22.78 -0.47 0.00	22.50 -0.54 0.00	24.46 -0.59 0.00	24.38 -0.58 0.00	29.65 -0.84 0.00	27.94 -1.00 -0.01	28.11 -0.99 -0.19	27.05 -0.93 -0.17	27.85 -0.99 0.00	29.72 -1.11 0.00	37.73 -1.24 0.00	48.93 -1.61 -0.03	55.29 -1.69 0.00	30.75 -0.85 -0.05	29.72 -0.70 0.00	38.14 -0.70 0.00	54.09 -0.68 0.00	48.39 -0.56 0.00	37.00 -0.55 0.00	29.37 -0.61 0.00
NGRID_A1_DSASP 323792	27.88 -0.73 0.00	22.23 -0.82 0.00	19.63 -0.77 0.00	19.46 -0.95 0.00	22.27 -0.98 0.00	22.25 -0.79 0.00	24.42 -0.64 0.00	23.88 -1.08 0.00	29.69 -0.79 0.00	28.56 -0.40 -0.03	28.82 -0.76 -0.68	27.54 -0.86 -0.59	27.73 -1.11 0.00	29.55 -1.28 0.00	36.37 -2.61 0.00	47.20 -3.42 -0.09	52.17 -4.79 0.03	29.02 -2.80 -0.28	27.76 -2.86 -0.20	35.49 -3.47 -0.11	50.46 -4.30 0.01	44.60 -4.32 0.03	34.66 -2.89 0.00	28.59 -1.39 0.00
NGRID_A2_DSASP 323793	27.88 -0.73 0.00	22.23 -0.82 0.00	19.63 -0.77 0.00	19.46 -0.95 0.00	22.27 -0.98 0.00	22.25 -0.79 0.00	24.42 -0.64 0.00	23.88 -1.08 0.00	29.69 -0.79 0.00	28.56 -0.40 -0.03	28.82 -0.76 -0.68	27.54 -0.86 -0.59	27.73 -1.11 0.00	29.55 -1.28 0.00	36.37 -2.61 0.00	47.20 -3.42 -0.09	52.17 -4.79 0.03	29.02 -2.80 -0.28	27.76 -2.86 -0.20	35.49 -3.47 -0.11	50.46 -4.30 0.01	44.60 -4.32 0.03	34.66 -2.89 0.00	28.59 -1.39 0.00
NGRID_A4_DSASP 323807	27.89 -0.72 0.00	22.23 -0.82 0.00	19.63 -0.77 0.00	19.46 -0.95 0.00	22.26 -0.99 0.00	22.26 -0.78 0.00	24.42 -0.64 0.00	23.88 -1.08 0.00	29.67 -0.82 0.00	28.57 -0.39 -0.03	28.84 -0.74 -0.68	27.54 -0.87 -0.59	27.73 -1.11 0.00	29.54 -1.28 0.00	36.38 -2.59 0.00	47.20 -3.42 -0.09	52.16 -4.80 0.03	29.02 -2.80 -0.28	27.76 -2.86 -0.20	35.49 -3.47 -0.11	50.46 -4.30 0.01	44.61 -4.31 0.03	34.66 -2.89 0.00	28.59 -1.39 0.00
NIAGARA_115E_LBMP 323715	27.84 -0.77 0.00	22.28 -0.78 0.00	19.68 -0.72 0.00	19.52 -0.88 0.00	22.34 -0.91 0.00	22.33 -0.72 0.00	24.49 -0.57 0.00	23.85 -1.11 0.00	29.64 -0.84 0.00	28.52 -0.44 -0.03	28.79 -0.79 -0.68	27.50 -0.90 -0.59	27.70 -1.14 0.00	29.52 -1.31 0.00	36.56 -2.41 0.00	47.45 -3.18 -0.11	52.39 -4.59 0.00	29.20 -2.65 -0.31	27.93 -2.72 -0.23	35.70 -3.26 -0.11	50.74 -4.04 0.00	44.85 -4.09 0.00	34.84 -2.71 0.00	28.61 -1.37 0.00

NIAGARA_115W_LBMP 323714	27.83 -0.78 0.00	22.19 -0.87 0.00	19.59 -0.81 0.00	19.42 -0.99 0.00	22.23 -1.03 0.00	22.21 -0.83 0.00	24.37 -0.69 0.00	23.83 -1.13 0.00	29.63 -0.86 0.00	28.50 -0.46 -0.03	28.76 -0.82 -0.68	27.48 -0.93 -0.59	27.67 -1.17 0.00	29.48 -1.34 0.00	36.27 -2.71 0.00	47.05 -3.56 -0.10	52.02 -4.93 0.02	28.95 -2.87 -0.28	27.69 -2.94 -0.21	35.39 -3.56 -0.11	50.32 -4.44 0.00	44.49 -4.44 0.02	34.56 -2.99 0.00	28.53 -1.45 0.00
NIAGARA_230_LBMP 323716	28.04 -0.56 0.00	22.35 -0.70 0.00	19.74 -0.66 0.00	19.59 -0.82 0.00	22.41 -0.84 0.00	22.39 -0.66 0.00	24.58 -0.48 0.00	24.07 -0.89 0.00	29.90 -0.58 0.00	28.73 -0.22 -0.03	29.00 -0.58 -0.69	27.70 -0.71 -0.59	27.89 -0.95 0.00	29.74 -1.09 0.00	36.82 -2.16 0.00	47.79 -2.84 -0.12	52.83 -4.14 0.00	29.39 -2.45 -0.30	28.13 -2.51 -0.22	35.97 -2.99 -0.11	51.14 -3.63 0.00	45.26 -3.68 0.00	35.08 -2.47 0.00	28.78 -1.20 0.00
NIAGARA__115KV_198_GIBSON 55903	27.83 -0.78 0.00	22.19 -0.87 0.00	19.59 -0.81 0.00	19.42 -0.99 0.00	22.22 -1.03 0.00	22.21 -0.83 0.00	24.37 -0.69 0.00	23.83 -1.13 0.00	29.60 -0.88 0.00	28.51 -0.45 -0.03	28.78 -0.81 -0.68	27.48 -0.93 -0.59	27.67 -1.18 0.00	29.48 -1.34 0.00	36.28 -2.69 0.00	47.06 -3.56 -0.10	52.02 -4.94 0.02	28.94 -2.88 -0.28	27.69 -2.94 -0.21	35.39 -3.57 -0.11	50.32 -4.44 0.00	44.49 -4.44 0.02	34.57 -2.98 0.00	28.53 -1.45 0.00
NIAGARA____ 23760	28.04 -0.56 0.00	22.35 -0.70 0.00	19.74 -0.66 0.00	19.59 -0.82 0.00	22.41 -0.84 0.00	22.39 -0.66 0.00	24.58 -0.48 0.00	24.07 -0.89 0.00	29.90 -0.58 0.00	28.73 -0.22 -0.03	29.00 -0.58 -0.68	27.70 -0.71 -0.59	27.89 -0.95 0.00	29.74 -1.09 0.00	36.82 -2.16 0.00	47.79 -2.84 -0.11	52.83 -4.14 0.01	29.39 -2.45 -0.29	28.13 -2.51 -0.22	35.97 -2.99 -0.11	51.14 -3.63 0.00	45.26 -3.68 0.01	35.08 -2.47 0.00	28.78 -1.20 0.00
NINE_MILE_1 23575	27.85 -0.76 0.00	22.40 -0.65 0.00	19.80 -0.59 0.00	19.79 -0.62 0.00	22.56 -0.69 0.00	22.39 -0.65 0.00	24.39 -0.67 0.00	24.22 -0.74 0.00	29.62 -0.87 0.00	28.18 -0.78 -0.03	28.75 -0.85 -0.69	27.57 -0.84 -0.60	27.94 -0.90 0.00	29.87 -0.96 0.00	37.71 -1.26 0.00	49.00 -1.64 -0.12	55.09 -1.89 0.00	30.63 -1.03 -0.12	29.39 -1.03 -0.01	37.51 -1.34 0.00	52.92 -1.85 0.00	47.18 -1.76 0.00	36.21 -1.34 0.00	28.98 -1.01 0.00
NINE_MILE_2 23744	27.85 -0.76 0.00	22.40 -0.65 0.00	19.80 -0.59 0.00	19.79 -0.62 0.00	22.56 -0.69 0.00	22.40 -0.65 0.00	24.39 -0.67 0.00	24.22 -0.74 0.00	29.62 -0.87 0.00	28.01 -0.78 0.14	24.33 -0.84 3.73	23.76 -0.84 3.22	27.94 -0.90 0.00	29.87 -0.96 0.00	37.71 -1.26 0.00	48.26 -1.63 0.63	55.09 -1.89 0.00	30.63 -1.03 -0.12	29.39 -1.03 -0.01	37.51 -1.34 0.00	52.92 -1.85 0.00	47.19 -1.76 0.00	36.21 -1.34 0.00	28.98 -1.00 0.00
NM_CAPITAL____DRP 24208	29.28 0.67 0.00	23.66 0.61 0.00	20.86 0.47 0.00	20.95 0.55 0.00	23.80 0.55 0.00	23.53 0.49 0.00	25.59 0.53 0.00	25.53 0.57 0.00	31.18 0.69 0.00	29.46 0.68 0.15	29.44 0.68 0.14	27.90 0.65 0.56	29.34 0.82 0.32	31.32 0.85 0.36	39.48 1.17 0.67	51.04 1.42 0.90	58.94 2.09 0.13	35.59 1.31 -2.73	35.25 1.27 -3.56	42.23 1.54 -1.84	56.74 1.97 0.00	50.50 1.56 0.00	38.68 1.13 0.00	30.83 0.85 0.00
NM_CENTRAL____DRP 24181	28.49 -0.12 0.00	22.88 -0.17 0.00	20.21 -0.18 0.00	20.20 -0.21 0.00	23.03 -0.22 0.00	22.88 -0.16 0.00	24.98 -0.07 0.00	24.83 -0.13 0.00	30.40 -0.08 0.00	28.93 -0.03 -0.03	29.46 -0.10 -0.67	28.27 -0.12 -0.57	28.64 -0.20 0.00	30.64 -0.19 0.00	38.67 -0.31 0.00	50.26 -0.37 -0.11	56.49 -0.50 0.00	31.47 -0.25 -0.18	30.11 -0.32 -0.01	38.40 -0.45 0.00	54.17 -0.60 0.00	48.24 -0.71 0.00	36.97 -0.58 0.00	29.59 -0.39 0.00
NM_FRONTIER____DRP 24179	27.83 -0.78 0.00	22.19 -0.87 0.00	19.59 -0.81 0.00	19.42 -0.99 0.00	22.22 -1.03 0.00	22.21 -0.83 0.00	24.37 -0.69 0.00	23.83 -1.13 0.00	29.60 -0.88 0.00	28.51 -0.45 -0.03	28.78 -0.81 -0.68	27.48 -0.93 -0.59	27.67 -1.18 0.00	29.48 -1.34 0.00	36.28 -2.69 0.00	47.06 -3.56 -0.10	52.02 -4.94 0.02	28.94 -2.88 -0.28	27.69 -2.94 -0.21	35.39 -3.57 -0.11	50.32 -4.44 0.00	44.49 -4.44 0.02	34.57 -2.98 0.00	28.53 -1.45 0.00
NM_ST_REGIS____HYD 24053	27.60 -1.01 0.00	22.30 -0.75 0.00	19.81 -0.59 0.00	19.95 -0.45 0.00	22.85 -0.40 0.00	22.53 -0.51 0.00	24.46 -0.59 0.00	24.39 -0.58 0.00	29.65 -0.83 0.00	27.83 -1.10 0.00	27.98 -1.02 -0.09	27.12 -0.77 -0.08	28.06 -0.78 0.00	29.93 -0.90 0.00	38.00 -0.98 0.00	49.26 -1.28 -0.02	55.40 -1.58 0.00	30.52 -1.02 0.00	29.61 -0.81 0.00	38.07 -0.78 0.00	54.06 -0.70 0.00	48.52 -0.43 0.00	37.22 -0.33 0.00	29.57 -0.41 0.00
NORTHPORT____1 23551	32.20 2.59 -1.00	26.96 2.09 -1.81	23.03 1.77 -0.87	22.15 1.75 0.00	25.17 1.92 0.00	24.79 1.75 0.00	27.09 2.04 0.00	27.14 2.18 0.00	33.24 2.75 0.00	31.83 2.77 -0.13	31.69 2.53 -0.26	33.56 2.51 -3.23	33.44 2.65 -1.95	34.68 2.84 -1.01	43.08 3.43 -0.67	55.83 4.54 -0.78	65.43 5.67 -2.77	62.70 3.21 -27.95	72.35 2.99 -38.94	42.81 3.48 -0.49	59.12 4.35 0.00	52.32 3.37 0.00	40.38 2.83 0.00	33.97 2.70 -1.29
NORTHPORT____2 23552	32.20 2.59 -1.00	26.96 2.09 -1.81	23.03 1.77 -0.87	22.15 1.75 0.00	25.17 1.92 0.00	24.79 1.75 0.00	27.09 2.04 0.00	27.14 2.18 0.00	33.24 2.75 0.00	31.83 2.77 -0.13	31.69 2.53 -0.26	33.56 2.51 -3.23	33.44 2.65 -1.95	34.68 2.84 -1.01	43.08 3.43 -0.67	55.83 4.54 -0.78	65.43 5.67 -2.77	62.70 3.21 -27.95	72.35 2.99 -38.94	42.81 3.48 -0.49	59.12 4.35 0.00	52.32 3.37 0.00	40.38 2.83 0.00	33.97 2.70 -1.29
NORTHPORT____3 23553	31.91 2.31 -1.00	26.73 1.86 -1.81	22.81 1.54 -0.87	21.93 1.52 0.00	24.90 1.65 0.00	24.55 1.51 0.00	26.82 1.77 0.00	26.88 1.93 0.00	32.89 2.40 0.00	31.53 2.47 -0.13	31.48 2.33 -0.25	33.34 2.30 -3.23	33.34 2.55 -1.95	34.54 2.73 -0.99	42.94 3.33 -0.63	55.70 4.40 -0.78	61.23 5.85 1.60	58.65 3.32 -23.80	68.29 3.02 -34.85	42.76 3.42 -0.48	58.93 4.16 0.00	52.17 3.23 0.00	40.17 2.62 0.00	33.67 2.41 -1.29
NORTHPORT____4 23650	31.91 2.31 -1.00	26.73 1.86 -1.81	22.81 1.54 -0.87	21.93 1.52 0.00	24.90 1.65 0.00	24.55 1.51 0.00	26.82 1.77 0.00	26.88 1.93 0.00	32.89 2.40 0.00	31.53 2.47 -0.13	31.48 2.33 -0.25	33.34 2.30 -3.23	33.34 2.55 -1.95	34.54 2.73 -0.99	42.94 3.33 -0.63	55.70 4.40 -0.78	61.23 5.85 1.60	58.65 3.32 -23.80	68.29 3.02 -34.85	42.76 3.42 -0.48	58.93 4.16 0.00	52.17 3.23 0.00	40.17 2.62 0.00	33.67 2.41 -1.29
NORTHPORT____IC 23718	32.20 2.59 -1.00	26.96 2.09 -1.81	23.03 1.77 -0.87	22.15 1.75 0.00	25.17 1.92 0.00	24.79 1.75 0.00	27.09 2.04 0.00	27.14 2.18 0.00	33.24 2.75 0.00	31.83 2.77 -0.13	31.69 2.53 -0.26	33.56 2.51 -3.23	33.44 2.65 -1.95	34.68 2.84 -1.01	43.08 3.43 -0.67	55.83 4.54 -0.78	65.43 5.67 -2.77	62.70 3.21 -27.95	72.35 2.99 -38.94	42.81 3.48 -0.49	59.12 4.35 0.00	52.32 3.37 0.00	40.38 2.83 0.00	33.97 2.70 -1.29

NORTH____COUNTRY_ESR 323785	28.11 -0.50 0.00	22.68 -0.38 0.00	20.14 -0.26 0.00	20.22 -0.18 0.00	23.21 -0.04 0.00	23.09 0.05 0.00	25.01 -0.04 0.00	24.94 -0.02 0.00	30.29 -0.19 0.00	28.32 -0.62 0.00	28.22 -0.68 0.00	27.61 -0.21 0.00	28.82 -0.02 0.00	30.83 0.01 0.00	39.20 0.22 0.00	50.83 0.31 0.00	57.19 0.21 0.00	31.39 -0.14 0.00	30.46 0.04 0.00	39.19 0.34 0.00	55.78 1.01 0.00	50.03 1.08 0.00	38.42 0.87 0.00	30.59 0.60 0.00
NPX_GEN_1385_PROXY 323591	31.41 1.80 -1.00	26.26 1.39 -1.81	22.62 1.35 -0.87	21.94 1.53 0.00	25.18 1.93 0.00	24.33 1.29 0.00	26.81 1.75 0.00	26.61 1.65 0.00	32.75 2.27 0.00	31.27 2.21 -0.13	30.87 1.71 -0.26	32.90 1.88 -3.21	32.75 1.95 -1.95	33.93 2.10 -1.01	42.32 2.67 -0.67	58.81 3.39 -4.90	64.93 4.75 -3.20	53.92 2.32 -20.07	71.84 2.48 -38.94	42.42 3.08 -0.49	58.27 3.50 0.00	51.07 2.12 0.00	39.86 2.31 0.00	33.48 2.22 -1.29
NPX_GEN_CSC 323557	32.99 3.38 -1.00	27.60 2.73 -1.82	23.56 2.30 -0.87	22.63 2.21 0.00	25.68 2.43 0.00	25.35 2.31 0.00	27.63 2.58 0.00	27.69 2.73 0.00	33.97 3.49 0.00	32.61 3.55 -0.13	32.69 3.41 -0.38	43.43 3.32 -12.28	34.40 3.56 -2.00	35.91 3.83 -1.26	44.67 4.68 -1.02	61.68 6.26 -4.90	215.46 7.75 -150.73	315.16 4.35 -279.27	150.10 4.03 -115.64	69.97 4.84 -26.29	60.94 6.17 -0.01	53.79 4.85 0.00	41.50 3.95 0.00	34.76 3.49 -1.29
NSINS_S_GLNS_FALLS 23858	29.97 1.37 0.00	24.10 1.04 0.00	21.25 0.86 0.00	21.33 0.93 0.00	24.33 1.08 0.00	24.03 0.98 0.00	26.02 0.97 0.00	26.03 1.07 0.00	31.76 1.28 0.00	30.13 1.35 0.15	30.13 1.37 0.14	28.59 1.35 0.58	30.06 1.54 0.32	31.93 1.47 0.37	40.35 2.05 0.67	52.35 2.74 0.90	60.59 3.74 0.13	36.49 2.12 -2.83	37.73 2.47 -4.84	44.53 3.14 -2.54	58.93 4.16 0.00	52.37 3.43 0.00	39.94 2.40 0.00	31.68 1.70 0.00
NUCOR_STEEL____DRP 24197	28.97 0.37 0.00	23.31 0.25 0.00	20.60 0.20 0.00	20.62 0.20 0.00	23.49 0.23 0.00	23.26 0.22 0.00	25.59 0.53 0.00	25.40 0.44 0.00	31.09 0.61 0.00	29.49 0.53 -0.03	30.06 0.50 -0.66	28.73 0.34 -0.57	29.25 0.41 0.00	31.18 0.35 0.00	39.42 0.45 0.00	51.36 0.73 -0.11	57.73 0.75 0.00	32.19 0.40 -0.25	30.96 0.36 -0.18	39.35 0.42 -0.09	55.50 0.73 0.00	49.29 0.35 0.00	37.76 0.21 0.00	30.27 0.29 0.00
NUMBER_THREE_WT_PWR 323818	28.03 -0.58 0.00	22.83 -0.22 0.00	20.30 -0.09 0.00	20.37 -0.04 0.00	23.28 0.03 0.00	23.09 0.05 0.00	25.22 0.17 0.00	25.13 0.17 0.00	30.59 0.10 0.00	28.90 -0.04 -0.01	29.05 -0.11 -0.25	27.87 -0.17 -0.22	28.63 -0.21 0.00	30.57 -0.15 0.00	38.82 -0.15 0.00	50.42 -0.14 -0.04	57.10 0.12 0.00	31.91 0.30 -0.08	30.78 0.36 0.00	39.46 0.61 0.00	55.91 1.14 0.00	49.84 0.89 0.00	37.99 0.45 0.00	30.16 0.18 0.00
NYISO_LBMP_REFERENCE 24008	28.61 0.00 0.00	23.05 0.00 0.00	20.39 0.00 0.00	20.41 0.00 0.00	23.25 0.00 0.00	23.04 0.00 0.00	25.05 0.00 0.00	24.96 0.00 0.00	30.48 0.00 0.00	28.93 0.00 0.00	28.90 0.00 0.00	27.82 0.00 0.00	28.84 0.00 0.00	30.82 0.00 0.00	38.97 0.00 0.00	50.52 0.00 0.00	56.98 0.00 0.00	31.54 0.00 0.00	30.42 0.00 0.00	38.85 0.00 0.00	54.77 0.00 0.00	48.94 0.00 0.00	37.55 0.00 0.00	29.98 0.00 0.00
NYPA_BRENTWD____GT 24164	32.68 3.08 -1.00	27.32 2.45 -1.81	23.33 2.07 -0.87	22.42 2.02 0.00	25.47 2.21 0.00	25.11 2.07 0.00	27.44 2.38 0.00	27.50 2.54 0.00	33.72 3.23 0.00	32.32 3.26 -0.13	32.25 3.06 -0.28	36.33 3.08 -5.44	34.07 3.27 -1.96	35.38 3.49 -1.06	43.87 4.16 -0.74	56.69 5.40 -0.78	100.27 6.72 -36.56	122.44 3.82 -87.08	89.59 3.53 -55.64	49.74 4.14 -6.76	60.03 5.25 0.00	53.20 4.25 0.00	41.14 3.59 0.00	34.50 3.24 -1.29
NYPA_GOWANUS____GT5 24156	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.42 2.26 -0.26	31.49 2.20 -1.48	31.48 2.37 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.05 4.75 -0.78	62.89 5.80 -0.11	37.03 3.37 -2.12	34.98 2.97 -1.60	42.99 3.34 -0.79	59.23 4.46 0.00	52.70 3.75 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NYPA_GOWANUS____GT6 24157	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.58 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.59 2.11 0.00	31.33 2.27 -0.13	31.42 2.26 -0.26	31.49 2.20 -1.48	31.48 2.37 -0.27	33.72 2.59 -0.30	43.10 3.46 -0.66	56.05 4.75 -0.78	62.89 5.80 -0.11	37.03 3.37 -2.12	34.98 2.97 -1.60	42.99 3.34 -0.79	59.23 4.46 0.00	52.70 3.75 0.00	40.39 2.84 0.00	32.26 2.28 0.00
NYPA_HARLEM_RVR_GT1 24160	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.25 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.30 1.26 0.00	26.61 1.55 0.00	26.68 1.73 0.00	32.53 2.05 0.00	31.24 2.18 -0.13	31.28 2.12 -0.26	31.37 2.07 -1.48	31.37 2.27 -0.27	33.61 2.48 -0.30	42.96 3.32 -0.66	55.83 4.53 -0.78	62.69 5.61 -0.11	36.90 3.24 -2.12	34.86 2.84 -1.60	42.86 3.22 -0.79	59.06 4.29 0.00	52.49 3.54 0.00	40.22 2.67 0.00	32.16 2.18 0.00
NYPA_HARLEM_RVR_GT2 24161	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.25 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.30 1.26 0.00	26.61 1.55 0.00	26.68 1.73 0.00	32.53 2.05 0.00	31.24 2.18 -0.13	31.28 2.12 -0.26	31.37 2.07 -1.48	31.37 2.27 -0.27	33.61 2.48 -0.30	42.96 3.32 -0.66	55.83 4.53 -0.78	62.69 5.61 -0.11	36.90 3.24 -2.12	34.86 2.84 -1.60	42.86 3.22 -0.79	59.06 4.29 0.00	52.49 3.54 0.00	40.22 2.67 0.00	32.16 2.18 0.00
NYPA_KENT____GT 24152	30.64 2.03 0.00	24.65 1.60 0.00	21.67 1.27 0.00	21.65 1.24 0.00	24.56 1.31 0.00	24.34 1.30 0.00	26.65 1.60 0.00	26.75 1.79 0.00	32.58 2.09 0.00	31.30 2.24 -0.13	31.39 2.23 -0.26	31.45 2.16 -1.48	31.44 2.33 -0.27	33.67 2.54 -0.30	43.03 3.39 -0.66	55.95 4.66 -0.78	62.79 5.71 -0.11	36.97 3.31 -2.12	34.93 2.91 -1.60	42.90 3.27 -0.79	59.11 4.35 0.00	52.58 3.64 0.00	40.30 2.76 0.00	32.21 2.23 0.00
NYPA_POUCH1____GT 24155	30.59 1.98 0.00	24.62 1.57 0.00	21.63 1.24 0.00	21.61 1.20 0.00	24.53 1.28 0.00	24.29 1.25 0.00	26.59 1.54 0.00	26.68 1.72 0.00	32.45 1.98 0.01	31.20 2.15 -0.12	31.31 2.15 -0.25	31.39 2.10 -1.47	30.84 2.26 0.26	32.78 2.46 0.50	38.63 3.29 3.63	55.87 4.59 -0.77	62.70 5.61 -0.11	36.93 3.27 -2.12	34.90 2.88 -1.60	42.86 3.22 -0.79	59.08 4.31 0.00	52.55 3.61 0.00	40.26 2.71 0.00	32.16 2.18 0.00
NYPA_VERNON____GT2 24162	30.61 2.00 0.00	24.63 1.58 0.00	21.65 1.25 0.00	21.63 1.22 0.00	24.54 1.29 0.00	24.31 1.27 0.00	26.63 1.58 0.00	26.74 1.78 0.00	32.58 2.10 0.00	31.31 2.25 -0.13	31.38 2.22 -0.26	31.44 2.15 -1.48	31.42 2.32 -0.27	33.66 2.53 -0.30	42.99 3.36 -0.66	55.89 4.60 -0.78	62.74 5.65 -0.11	36.93 3.27 -2.12	34.90 2.88 -1.60	42.87 3.23 -0.79	59.04 4.27 0.00	52.51 3.56 0.00	40.23 2.68 0.00	32.17 2.19 0.00

NYPY_VERNON____GT3 24163	30.61 2.00 0.00	24.63 1.58 0.00	21.65 1.25 0.00	21.63 1.22 0.00	24.54 1.29 0.00	24.31 1.27 0.00	26.63 1.58 0.00	26.74 1.78 0.00	32.58 2.10 0.00	31.31 2.25 -0.13	31.38 2.22 -0.26	31.44 2.15 -1.48	31.42 2.32 -0.27	33.66 2.53 -0.30	42.99 3.36 -0.66	55.89 4.60 -0.78	62.74 5.65 -0.11	36.93 3.27 -2.12	34.90 2.88 -1.60	42.87 3.23 -0.79	59.04 4.27 0.00	52.51 3.56 0.00	40.23 2.68 0.00	32.17 2.19 0.00
NYPY____ASTORIA_CC1 323568	30.57 1.96 0.00	24.60 1.54 0.00	21.62 1.22 0.00	21.59 1.19 0.00	24.51 1.26 0.00	24.28 1.24 0.00	26.59 1.54 0.00	26.70 1.74 0.00	32.52 2.04 0.00	31.26 2.20 -0.13	31.34 2.18 -0.26	31.40 2.11 -1.48	31.39 2.28 -0.27	33.61 2.48 -0.30	42.94 3.31 -0.66	55.81 4.52 -0.78	62.65 5.56 -0.11	36.89 3.23 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.98 4.21 0.00	52.43 3.48 0.00	40.17 2.62 0.00	32.13 2.15 0.00
NYPY____ASTORIA_CC2 323569	30.57 1.96 0.00	24.60 1.54 0.00	21.62 1.22 0.00	21.59 1.19 0.00	24.51 1.26 0.00	24.28 1.24 0.00	26.59 1.54 0.00	26.70 1.74 0.00	32.52 2.04 0.00	31.26 2.20 -0.13	31.34 2.18 -0.26	31.40 2.11 -1.48	31.39 2.28 -0.27	33.61 2.48 -0.30	42.94 3.31 -0.66	55.81 4.52 -0.78	62.65 5.56 -0.11	36.89 3.23 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.98 4.21 0.00	52.43 3.48 0.00	40.17 2.62 0.00	32.13 2.15 0.00
NYPY____HOLTSVILL 23794	32.56 2.95 -1.00	27.27 2.40 -1.82	23.27 2.01 -0.87	22.35 1.94 0.00	25.38 2.13 0.00	25.04 2.00 0.00	27.32 2.26 0.00	27.36 2.40 0.00	33.51 3.02 0.00	32.14 3.08 -0.13	32.20 2.92 -0.38	43.07 2.88 -12.38	33.93 3.09 -2.00	35.39 3.32 -1.26	43.98 3.99 -1.01	56.60 5.30 -0.78	214.22 6.65 -150.59	315.73 3.75 -280.45	149.30 3.47 -115.42	69.42 4.08 -26.49	59.90 5.13 -0.01	52.96 4.02 0.00	40.86 3.31 0.00	34.28 3.01 -1.29
NYPY____HELLGATE_GT1 24158	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.25 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.30 1.26 0.00	26.61 1.55 0.00	26.68 1.73 0.00	32.53 2.05 0.00	31.24 2.18 -0.13	31.28 2.12 -0.26	31.37 2.07 -1.48	31.37 2.27 -0.27	33.61 2.48 -0.30	42.96 3.32 -0.66	55.83 4.53 -0.78	62.69 5.61 -0.11	36.90 3.24 -2.12	34.86 2.84 -1.60	42.86 3.22 -0.79	59.06 4.29 0.00	52.49 3.54 0.00	40.22 2.67 0.00	32.16 2.18 0.00
NYPY____HELLGATE_GT2 24159	30.58 1.97 0.00	24.63 1.58 0.00	21.65 1.25 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.30 1.26 0.00	26.61 1.55 0.00	26.68 1.73 0.00	32.53 2.05 0.00	31.24 2.18 -0.13	31.28 2.12 -0.26	31.37 2.07 -1.48	31.37 2.27 -0.27	33.61 2.48 -0.30	42.96 3.32 -0.66	55.83 4.53 -0.78	62.69 5.61 -0.11	36.90 3.24 -2.12	34.86 2.84 -1.60	42.86 3.22 -0.79	59.06 4.29 0.00	52.49 3.54 0.00	40.22 2.67 0.00	32.16 2.18 0.00
NYS_BARGE____HYD 23848	28.35 -0.26 0.00	22.64 -0.42 0.00	19.99 -0.40 0.00	19.83 -0.58 0.00	22.70 -0.55 0.00	22.69 -0.35 0.00	24.91 -0.14 0.00	24.35 -0.61 0.00	30.26 -0.22 0.00	29.09 0.14 -0.03	29.39 -0.20 -0.69	28.08 -0.33 -0.59	28.29 -0.55 0.00	30.18 -0.64 0.00	37.38 -1.60 0.00	48.56 -2.08 -0.12	53.65 -3.33 -0.01	29.87 -1.97 -0.31	28.58 -2.07 -0.23	36.51 -2.45 -0.11	51.91 -2.86 0.00	45.90 -3.06 -0.01	35.57 -1.98 0.00	29.14 -0.84 0.00
OAK ORCHARD____HYD 24046	28.67 0.06 0.00	22.92 -0.13 0.00	20.23 -0.16 0.00	20.14 -0.27 0.00	23.01 -0.24 0.00	22.95 -0.09 0.00	25.12 0.07 0.00	24.80 -0.16 0.00	30.62 0.14 0.00	29.33 0.37 -0.03	29.76 0.14 -0.72	28.50 0.06 -0.62	28.80 -0.04 0.00	30.76 -0.06 0.00	38.44 -0.54 0.00	49.97 -0.67 -0.12	55.71 -1.27 0.00	30.98 -0.80 -0.25	29.71 -0.89 -0.18	37.88 -1.06 -0.09	53.66 -1.11 0.00	47.58 -1.37 0.00	36.63 -0.93 0.00	29.64 -0.34 0.00
OAKDALE____35_KV_LOAD 356122	29.09 0.48 0.00	23.27 0.21 0.00	20.56 0.17 0.00	20.53 0.12 0.00	23.43 0.17 0.00	23.29 0.25 0.00	25.50 0.45 0.00	25.39 0.43 0.00	31.15 0.66 0.00	29.68 0.74 -0.02	29.90 0.56 -0.44	28.60 0.40 -0.38	29.15 0.31 0.00	31.29 0.46 0.00	39.49 0.52 0.00	51.36 0.77 -0.08	57.70 0.72 0.00	32.62 0.46 -0.62	31.24 0.28 -0.53	39.46 0.34 -0.27	55.28 0.51 0.00	49.26 0.32 0.00	37.71 0.17 0.00	30.18 0.20 0.00
OCC_CHEM____DRP 24175	27.89 -0.72 0.00	22.23 -0.82 0.00	19.63 -0.77 0.00	19.46 -0.95 0.00	22.26 -0.99 0.00	22.26 -0.78 0.00	24.42 -0.64 0.00	23.88 -1.08 0.00	29.67 -0.82 0.00	28.57 -0.39 -0.03	28.84 -0.74 -0.68	27.54 -0.87 -0.59	27.73 -1.11 0.00	29.54 -1.28 0.00	36.38 -2.59 0.00	47.20 -3.42 -0.09	52.16 -4.80 0.03	29.02 -2.80 -0.28	27.76 -2.86 -0.20	35.49 -3.47 -0.11	50.46 -4.30 0.01	44.61 -4.31 0.03	34.66 -2.89 0.00	28.59 -1.39 0.00
OH_GEN_PROXY 24063	28.08 -0.53 0.00	22.38 -0.68 0.00	19.76 -0.64 0.00	19.61 -0.80 0.00	22.44 -0.81 0.00	22.41 -0.63 0.00	24.62 -0.44 0.00	24.13 -0.83 0.00	29.98 -0.51 0.00	28.80 -0.16 -0.03	29.06 -0.52 -0.68	50.92 -0.66 -23.76	27.94 -0.90 0.00	65.05 -1.02 -35.25	36.91 -2.07 0.00	80.95 -2.70 -33.13	53.42 -3.98 -0.43	29.48 -2.36 -0.30	28.22 -2.43 -0.22	36.07 -2.89 -0.11	51.30 -3.46 0.00	45.41 -3.53 0.00	35.16 -2.39 0.00	28.81 -1.17 0.00
OLIN_CORP_DRP 24177	27.88 -0.72 0.00	22.30 -0.75 0.00	19.70 -0.70 0.00	19.55 -0.86 0.00	22.36 -0.90 0.00	22.35 -0.69 0.00	24.52 -0.54 0.00	23.89 -1.07 0.00	29.67 -0.81 0.00	28.57 -0.39 -0.03	28.85 -0.73 -0.68	27.56 -0.85 -0.59	27.74 -1.10 0.00	29.57 -1.25 0.00	36.65 -2.32 0.00	47.54 -3.09 -0.11	52.50 -4.48 0.00	29.24 -2.61 -0.31	27.98 -2.67 -0.23	35.77 -3.20 -0.11	50.84 -3.93 0.00	44.94 -4.01 0.00	34.89 -2.66 0.00	28.65 -1.33 0.00
OLIN_CORP_DSASP 323712	27.88 -0.73 0.00	22.23 -0.82 0.00	19.63 -0.77 0.00	19.46 -0.95 0.00	22.27 -0.98 0.00	22.25 -0.79 0.00	24.42 -0.64 0.00	23.88 -1.08 0.00	29.69 -0.79 0.00	28.56 -0.40 -0.03	28.82 -0.76 -0.68	27.54 -0.86 -0.59	27.73 -1.11 0.00	29.55 -1.28 0.00	36.37 -2.61 0.00	47.20 -3.42 -0.09	52.17 -4.79 0.03	29.02 -2.80 -0.28	27.76 -2.86 -0.20	35.49 -3.47 -0.11	50.46 -4.30 0.01	44.60 -4.32 0.03	34.66 -2.89 0.00	28.59 -1.39 0.00
ONEIDA_HERK_LFGE 323681	28.68 0.08 0.00	23.17 0.12 0.00	20.54 0.14 0.00	20.57 0.16 0.00	23.47 0.21 0.00	23.29 0.25 0.00	25.47 0.42 0.00	25.40 0.44 0.00	31.02 0.54 0.00	29.42 0.47 -0.01	29.54 0.44 -0.20	28.36 0.37 -0.17	29.20 0.36 0.00	31.22 0.39 0.00	39.56 0.59 0.00	51.34 0.79 -0.03	58.04 1.06 0.00	32.34 0.73 -0.07	31.17 0.75 0.00	39.84 1.00 0.00	56.27 1.50 0.00	50.13 1.19 0.00	38.30 0.75 0.00	30.47 0.48 0.00
ONEIDA____115KV_TB4 55905	29.17 0.56 0.00	23.43 0.37 0.00	20.72 0.32 0.00	20.72 0.31 0.00	23.63 0.38 0.00	23.49 0.45 0.00	25.73 0.68 0.00	25.63 0.67 0.00	31.38 0.90 0.00	29.82 0.87 -0.01	30.07 0.82 -0.35	28.84 0.71 -0.31	29.54 0.70 0.00	31.65 0.82 0.00	40.07 1.10 0.00	52.00 1.42 -0.06	58.65 1.67 0.00	32.69 1.03 -0.12	31.44 1.01 -0.01	40.15 1.30 0.00	56.65 1.89 0.00	50.41 1.47 0.00	38.53 0.98 0.00	30.70 0.72 0.00

ONONDAGA_REF_OCCRA 23987	28.69 0.08 0.00	23.04 -0.02 0.00	20.35 -0.05 0.00	20.33 -0.08 0.00	23.18 -0.07 0.00	23.03 -0.01 0.00	25.16 0.11 0.00	25.02 0.05 0.00	30.63 0.15 0.00	29.14 0.19 -0.03	29.67 0.11 -0.66	28.45 0.07 -0.57	28.85 0.01 0.00	30.87 0.04 0.00	38.97 -0.01 0.00	50.67 0.04 -0.11	56.95 -0.03 0.00	31.80 0.04 -0.22	30.54 -0.04 -0.16	38.83 -0.09 -0.08	54.67 -0.09 0.00	48.67 -0.27 0.00	37.29 -0.26 0.00	29.83 -0.16 0.00
ONONDAGA___COGEN 23986	28.66 0.06 0.00	23.02 -0.03 0.00	20.33 -0.06 0.00	20.32 -0.09 0.00	23.18 -0.07 0.00	23.01 -0.03 0.00	25.18 0.13 0.00	25.02 0.06 0.00	30.60 0.12 0.00	29.13 0.17 -0.03	29.68 0.10 -0.68	28.46 0.06 -0.59	28.85 0.01 0.00	30.86 0.04 0.00	38.96 -0.01 0.00	50.66 0.03 -0.11	56.95 -0.03 0.00	31.78 0.03 -0.21	30.51 -0.05 -0.14	38.80 -0.11 -0.07	54.64 -0.13 0.00	48.66 -0.29 0.00	37.28 -0.27 0.00	29.83 -0.15 0.00
ONTARIO___LFGE 23819	29.08 0.47 0.00	23.29 0.23 0.00	20.55 0.16 0.00	20.50 0.09 0.00	23.43 0.18 0.00	23.36 0.32 0.00	25.72 0.66 0.00	25.56 0.60 0.00	31.27 0.79 0.00	29.88 0.93 -0.03	30.34 0.76 -0.67	28.99 0.59 -0.58	29.32 0.48 0.00	31.33 0.50 0.00	39.42 0.44 0.00	51.42 0.79 -0.11	57.63 0.65 0.00	32.24 0.41 -0.29	30.87 0.23 -0.21	39.23 0.28 -0.11	55.31 0.54 0.00	49.06 0.12 0.00	37.58 0.03 0.00	30.17 0.19 0.00
ORANGEVILLE_WT_PWR 323706	28.84 0.23 0.00	22.98 -0.07 0.00	20.31 -0.08 0.00	20.19 -0.22 0.00	23.11 -0.14 0.00	23.07 0.03 0.00	25.37 0.31 0.00	25.00 0.04 0.00	30.97 0.49 0.00	29.71 0.75 -0.02	29.98 0.44 -0.64	28.59 0.23 -0.55	28.83 -0.01 0.00	30.85 0.03 0.00	38.44 -0.53 0.00	50.00 -0.63 -0.11	55.49 -1.49 0.00	30.97 -0.94 -0.37	29.53 -1.18 -0.28	37.51 -1.48 -0.14	53.17 -1.60 0.00	47.09 -1.85 0.00	36.36 -1.19 0.00	29.53 -0.45 0.00
ORANGEVILLE___ESR 323794	28.84 0.23 0.00	22.98 -0.07 0.00	20.31 -0.08 0.00	20.19 -0.22 0.00	23.11 -0.14 0.00	23.07 0.03 0.00	25.37 0.31 0.00	25.00 0.04 0.00	30.97 0.49 0.00	29.71 0.75 -0.02	29.98 0.44 -0.64	28.59 0.23 -0.55	28.83 -0.01 0.00	30.85 0.03 0.00	38.44 -0.53 0.00	50.00 -0.63 -0.11	55.49 -1.49 0.00	30.97 -0.94 -0.37	29.53 -1.18 -0.28	37.51 -1.48 -0.14	53.17 -1.60 0.00	47.09 -1.85 0.00	36.36 -1.19 0.00	29.53 -0.45 0.00
OSWEGATCHIE___HYD 24044	27.44 -1.16 0.00	22.29 -0.77 0.00	19.80 -0.59 0.00	19.92 -0.49 0.00	22.78 -0.47 0.00	22.51 -0.54 0.00	24.47 -0.59 0.00	24.38 -0.58 0.00	29.65 -0.84 0.00	27.94 -1.00 -0.01	28.10 -0.99 -0.19	27.05 -0.93 -0.17	27.85 -0.99 0.00	29.72 -1.11 0.00	37.73 -1.24 0.00	48.93 -1.61 -0.03	55.29 -1.69 0.00	30.75 -0.85 -0.05	29.72 -0.70 0.00	38.15 -0.70 0.00	54.10 -0.68 0.00	48.39 -0.56 0.00	37.00 -0.55 0.00	29.37 -0.61 0.00
OSWEGO___5 23606	28.13 -0.48 0.00	22.63 -0.43 0.00	20.00 -0.40 0.00	19.99 -0.42 0.00	22.78 -0.47 0.00	22.61 -0.43 0.00	24.65 -0.40 0.00	24.50 -0.47 0.00	29.96 -0.52 0.00	28.51 -0.45 -0.03	29.04 -0.52 -0.66	27.85 -0.54 -0.57	28.25 -0.59 0.00	30.19 -0.64 0.00	38.11 -0.86 0.00	49.53 -1.10 -0.11	55.69 -1.30 0.00	31.00 -0.69 -0.15	29.71 -0.72 -0.01	37.91 -0.94 0.00	53.50 -1.27 0.00	47.70 -1.24 0.00	36.60 -0.95 0.00	29.28 -0.70 0.00
OSWEGO___6 23613	28.13 -0.48 0.00	22.63 -0.43 0.00	20.00 -0.40 0.00	19.99 -0.42 0.00	22.78 -0.47 0.00	22.61 -0.43 0.00	24.65 -0.40 0.00	24.50 -0.47 0.00	29.96 -0.52 0.00	28.51 -0.45 -0.03	29.04 -0.52 -0.66	27.85 -0.54 -0.57	28.25 -0.59 0.00	30.19 -0.64 0.00	38.11 -0.86 0.00	49.53 -1.10 -0.11	55.69 -1.30 0.00	31.00 -0.69 -0.15	29.71 -0.72 -0.01	37.91 -0.94 0.00	53.50 -1.27 0.00	47.70 -1.24 0.00	36.60 -0.95 0.00	29.28 -0.70 0.00
OUTOKUMPU-AB___DRP 24206	28.63 0.02 0.00	22.82 -0.23 0.00	20.14 -0.25 0.00	19.99 -0.42 0.00	22.86 -0.39 0.00	22.86 -0.18 0.00	25.14 0.08 0.00	24.64 -0.32 0.00	30.61 0.13 0.00	29.47 0.52 -0.03	29.77 0.19 -0.68	28.42 0.02 -0.58	28.64 -0.21 0.00	30.58 -0.25 0.00	37.81 -1.17 0.00	49.12 -1.53 -0.13	54.31 -2.70 -0.03	30.22 -1.66 -0.34	28.92 -1.77 -0.26	36.87 -2.09 -0.12	52.42 -2.35 -0.01	46.38 -2.59 -0.03	35.89 -1.66 0.00	29.41 -0.57 0.00
OXBOW____ 24026	28.35 -0.26 0.00	22.58 -0.47 0.00	19.94 -0.45 0.00	19.78 -0.63 0.00	22.63 -0.62 0.00	22.62 -0.42 0.00	24.85 -0.20 0.00	24.34 -0.62 0.00	30.27 -0.22 0.00	29.12 0.16 -0.03	29.39 -0.19 -0.68	28.09 -0.31 -0.59	28.30 -0.54 0.00	30.18 -0.64 0.00	37.23 -1.75 0.00	48.37 -2.29 -0.13	53.49 -3.52 -0.03	29.77 -2.11 -0.34	28.47 -2.21 -0.26	36.33 -2.64 -0.12	51.65 -3.13 -0.01	45.69 -3.28 -0.03	35.39 -2.15 0.00	29.10 -0.88 0.00
OXY_CHEM_DSASP 323612	27.89 -0.72 0.00	22.23 -0.82 0.00	19.63 -0.77 0.00	19.46 -0.95 0.00	22.26 -0.99 0.00	22.26 -0.78 0.00	24.42 -0.64 0.00	23.88 -1.08 0.00	29.67 -0.82 0.00	28.57 -0.39 -0.03	28.84 -0.74 -0.68	27.54 -0.87 -0.59	27.73 -1.11 0.00	29.54 -1.28 0.00	36.38 -2.59 0.00	47.20 -3.42 -0.09	52.16 -4.80 0.03	29.02 -2.80 -0.28	27.76 -2.86 -0.20	35.49 -3.47 -0.11	50.46 -4.30 0.01	44.61 -4.31 0.03	34.66 -2.89 0.00	28.59 -1.39 0.00
OZONE_PARK_ESR 323760	30.96 2.35 0.00	24.89 1.83 0.00	21.86 1.47 0.00	21.84 1.42 0.00	24.78 1.52 0.00	24.54 1.50 0.00	26.87 1.82 0.00	26.98 2.03 0.00	32.89 2.40 0.00	31.63 2.57 -0.13	31.75 2.59 -0.26	31.80 2.51 -1.48	31.78 2.67 -0.27	34.06 2.94 -0.30	43.55 3.91 -0.66	56.64 5.35 -0.78	63.55 6.46 -0.11	37.39 3.73 -2.12	35.34 3.33 -1.60	43.42 3.78 -0.79	59.84 5.07 0.00	53.19 4.24 0.00	40.74 3.20 0.00	32.52 2.54 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.89 -0.72 0.00	22.23 -0.82 0.00	19.63 -0.77 0.00	19.46 -0.95 0.00	22.26 -0.99 0.00	22.26 -0.78 0.00	24.42 -0.64 0.00	23.88 -1.08 0.00	29.67 -0.82 0.00	28.57 -0.39 -0.03	28.84 -0.74 -0.68	27.54 -0.87 -0.59	27.73 -1.11 0.00	29.54 -1.28 0.00	36.38 -2.59 0.00	47.20 -3.42 -0.09	52.16 -4.80 0.03	29.02 -2.80 -0.28	27.76 -2.86 -0.20	35.49 -3.47 -0.11	50.46 -4.30 0.01	44.61 -4.31 0.03	34.66 -2.89 0.00	28.59 -1.39 0.00
PACKARD__115KV_DUPONT_184 80571	27.89 -0.72 0.00	22.23 -0.82 0.00	19.63 -0.77 0.00	19.46 -0.95 0.00	22.26 -0.99 0.00	22.26 -0.78 0.00	24.42 -0.64 0.00	23.88 -1.08 0.00	29.67 -0.82 0.00	28.57 -0.39 -0.03	28.84 -0.74 -0.68	27.54 -0.87 -0.59	27.73 -1.11 0.00	29.54 -1.28 0.00	36.38 -2.59 0.00	47.20 -3.42 -0.09	52.16 -4.80 0.03	29.02 -2.80 -0.28	27.76 -2.86 -0.20	35.49 -3.47 -0.11	50.46 -4.30 0.01	44.61 -4.31 0.03	34.66 -2.89 0.00	28.59 -1.39 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.55 1.95 0.00	24.61 1.55 0.00	21.63 1.24 0.00	21.62 1.21 0.00	24.54 1.29 0.00	24.30 1.26 0.00	26.60 1.55 0.00	26.68 1.72 0.00	32.51 2.02 0.00	31.20 2.13 -0.13	31.27 2.11 -0.26	31.35 2.06 -1.48	31.36 2.25 -0.27	33.58 2.46 -0.30	42.92 3.28 -0.66	55.75 4.46 -0.78	62.64 5.55 -0.11	36.87 3.21 -2.12	34.84 2.83 -1.60	42.86 3.22 -0.79	59.07 4.30 0.00	52.50 3.55 0.00	40.21 2.67 0.00	32.14 2.16 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.73 2.13 0.00	24.70 1.65 0.00	21.71 1.31 0.00	21.68 1.27 0.00	24.62 1.37 0.00	24.38 1.34 0.00	26.82 1.76 0.00	26.88 1.92 0.00	32.71 2.23 0.00	31.41 2.35 -0.13	31.48 2.32 -0.26	31.54 2.25 -1.48	31.55 2.45 -0.27	33.80 2.67 -0.30	43.23 3.59 -0.66	56.16 4.86 -0.78	63.15 6.06 -0.11	37.15 3.49 -2.12	35.09 3.07 -1.60	43.20 3.56 -0.79	59.51 4.74 0.00	52.88 3.94 0.00	40.54 2.99 0.00	32.38 2.40 0.00
PATROON__115KV_TB1 80586	29.32 0.71 0.00	23.68 0.63 0.00	20.88 0.48 0.00	20.96 0.55 0.00	23.81 0.56 0.00	23.55 0.50 0.00	25.63 0.58 0.00	25.59 0.63 0.00	31.26 0.78 0.00	29.56 0.77 0.14	29.55 0.78 0.13	28.05 0.75 0.52	29.46 0.92 0.30	31.47 0.98 0.34	39.69 1.34 0.63	51.34 1.67 0.84	59.19 2.33 0.12	35.74 1.45 -2.75	35.56 1.39 -3.75	42.46 1.67 -1.94	56.91 2.15 0.00	50.65 1.70 0.00	38.77 1.22 0.00	30.90 0.92 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.07 0.46 0.00	23.11 0.05 0.00	20.41 0.02 0.00	20.26 -0.14 0.00	23.19 -0.06 0.00	23.17 0.13 0.00	25.52 0.46 0.00	25.12 0.15 0.00	31.21 0.73 0.00	30.00 1.04 -0.03	30.33 0.77 -0.66	28.90 0.52 -0.57	29.07 0.23 0.00	31.12 0.30 0.00	38.71 -0.26 0.00	50.30 -0.33 -0.11	55.67 -1.32 0.00	31.03 -0.86 -0.34	29.60 -1.08 -0.26	37.78 -1.20 -0.13	53.64 -1.13 0.00	47.52 -1.43 0.00	36.65 -0.90 0.00	29.82 -0.16 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.57 1.96 0.00	24.58 1.53 0.00	21.61 1.22 0.00	21.61 1.20 0.00	24.53 1.28 0.00	24.29 1.25 0.00	26.56 1.51 0.00	26.66 1.70 0.00	32.54 2.06 0.00	31.26 2.22 -0.11	31.40 2.27 -0.23	30.92 2.19 -0.92	31.43 2.36 -0.23	33.71 2.63 -0.26	42.98 3.48 -0.53	55.99 4.80 -0.67	62.83 5.76 -0.09	37.05 3.35 -2.16	35.10 3.05 -1.63	43.17 3.51 -0.81	59.43 4.66 0.00	52.77 3.82 0.00	40.34 2.79 0.00	32.17 2.19 0.00
PEEKSKILL____ 23653	30.25 1.65 0.00	24.34 1.28 0.00	21.40 1.01 0.00	21.41 1.00 0.00	24.30 1.05 0.00	24.05 1.01 0.00	26.30 1.24 0.00	26.38 1.42 0.00	32.17 1.69 0.00	30.89 1.83 -0.13	31.02 1.87 -0.25	31.19 1.79 -1.58	31.04 1.94 -0.26	33.26 2.14 -0.30	42.49 2.85 -0.67	55.18 3.91 -0.76	61.95 4.86 -0.10	36.49 2.86 -2.10	34.53 2.54 -1.57	42.46 2.83 -0.78	58.51 3.74 0.00	52.02 3.07 0.00	39.81 2.26 0.00	31.78 1.80 0.00
PGE MADISON__WINDPWR 24146	30.84 2.23 0.00	24.60 1.55 0.00	21.70 1.30 0.00	21.64 1.23 0.00	24.74 1.49 0.00	24.67 1.62 0.00	27.26 2.21 0.00	27.18 2.22 0.00	33.19 2.71 0.00	31.39 2.44 -0.02	31.56 2.26 -0.40	30.32 2.15 -0.34	30.95 2.11 0.00	33.27 2.44 0.00	42.05 3.07 0.00	54.67 4.08 -0.07	61.80 4.82 0.00	35.27 3.15 -0.58	34.02 2.99 -0.61	43.01 3.85 -0.31	60.24 5.48 0.00	53.42 4.48 0.00	40.69 3.14 0.00	32.38 2.40 0.00
PIERCEFIELD__HYD 23852	27.36 -1.25 0.00	22.13 -0.93 0.00	19.65 -0.74 0.00	19.82 -0.60 0.00	22.67 -0.58 0.00	22.32 -0.72 0.00	24.21 -0.84 0.00	24.14 -0.82 0.00	29.37 -1.11 0.00	27.60 -1.34 0.00	27.79 -1.22 -0.11	26.87 -1.04 -0.09	27.76 -1.09 0.00	29.60 -1.23 0.00	37.52 -1.45 0.00	48.63 -1.91 -0.02	54.73 -2.25 0.00	30.18 -1.36 0.00	29.27 -1.15 0.00	37.62 -1.23 0.00	53.35 -1.42 0.00	47.90 -1.05 0.00	36.75 -0.80 0.00	29.19 -0.79 0.00
PINELAWN_CC_1 323563	32.39 2.79 -1.00	27.09 2.23 -1.81	23.11 1.85 -0.87	22.21 1.80 0.00	25.22 1.97 0.00	24.88 1.84 0.00	27.19 2.13 0.00	27.27 2.31 0.00	33.37 2.88 0.00	31.93 2.86 -0.13	31.71 2.55 -0.26	34.24 2.56 -3.86	33.51 2.72 -1.95	34.70 2.86 -1.02	43.21 3.56 -0.67	56.10 4.80 -0.78	73.45 5.89 -10.58	77.95 3.40 -43.01	75.56 3.12 -42.03	44.70 3.59 -2.26	59.42 4.65 0.00	52.63 3.68 0.00	40.60 3.06 0.00	34.23 2.96 -1.29
PJM_GEN_HTP_PROXY 323702	30.49 1.89 0.00	24.52 1.47 0.00	21.56 1.16 0.00	21.54 1.13 0.00	24.45 1.20 0.00	24.21 1.17 0.00	26.51 1.46 0.00	26.62 1.66 0.00	32.43 1.95 0.00	31.18 2.12 -0.13	31.31 2.15 -0.26	31.38 2.08 -1.48	31.33 2.23 -0.27	33.58 2.45 -0.30	42.92 3.28 -0.66	55.78 4.49 -0.78	62.53 5.45 -0.11	36.85 3.19 -2.12	34.83 2.81 -1.60	42.77 3.13 -0.79	58.91 4.14 0.00	52.35 3.41 0.00	40.10 2.55 0.00	31.78 2.04 0.25
PJM_GEN_KEystone 24065	29.40 0.80 0.00	23.50 0.45 0.00	20.72 0.32 0.00	20.68 0.26 0.00	23.56 0.31 0.00	23.41 0.37 0.00	25.68 0.63 0.00	25.60 0.64 0.00	31.43 0.95 0.00	30.12 1.12 -0.08	30.30 0.98 -0.42	28.14 0.76 0.43	29.67 0.69 -0.14	31.83 0.85 -0.16	39.75 0.93 0.15	52.33 1.37 -0.45	58.51 1.48 -0.06	33.69 0.88 -1.28	31.98 0.59 -0.97	39.92 0.59 -0.48	55.68 0.91 0.00	49.54 0.59 0.00	37.96 0.41 0.00	30.22 0.49 0.25
PJM_GEN_NEPTUNE_PROXY 323594	31.87 2.27 -1.00	26.66 1.79 -1.81	22.73 1.47 -0.87	21.85 1.44 0.00	24.80 1.55 0.00	24.49 1.44 0.00	26.76 1.71 0.00	26.83 1.87 0.00	32.79 2.30 0.00	31.42 2.37 -0.13	31.46 2.30 -0.26	33.43 2.27 -3.34	33.23 2.44 -1.95	34.47 2.64 -1.01	42.95 3.31 -0.66	55.79 4.49 -0.78	65.70 5.64 -3.08	64.34 3.24 -29.56	71.87 2.96 -38.49	43.02 3.38 -0.80	59.03 4.27 0.00	52.38 3.43 0.00	40.29 2.74 0.00	33.42 2.41 -1.04
PJM_GEN_VFT_PROXY 323633	30.41 1.81 0.00	24.46 1.40 0.00	21.48 1.09 0.00	21.46 1.05 0.00	24.36 1.11 0.00	24.11 1.07 0.00	26.40 1.35 0.00	26.50 1.55 0.00	32.26 1.77 0.00	31.02 1.96 -0.13	31.15 1.99 -0.26	31.22 1.93 -1.48	31.18 2.07 -0.27	33.41 2.28 -0.30	38.07 3.04 3.95	55.51 4.22 -0.78	62.30 5.22 -0.11	36.72 3.06 -2.12	34.70 2.68 -1.60	42.60 2.96 -0.79	58.68 3.91 0.00	52.17 3.22 0.00	39.95 2.40 0.00	31.66 1.93 0.25
PLATSBURG_115KV_PMLD1 355749	28.40 -0.21 0.00	22.90 -0.15 0.00	20.31 -0.08 0.00	20.41 0.00 0.00	23.43 0.18 0.00	23.36 0.32 0.00	25.30 0.24 0.00	25.25 0.30 0.00	30.64 0.16 0.00	28.61 -0.32 0.00	28.46 -0.44 0.00	27.95 0.14 0.00	29.23 0.39 0.00	31.26 0.43 0.00	39.75 0.78 0.00	51.55 1.04 0.00	58.04 1.06 0.00	31.79 0.25 0.00	30.82 0.40 0.00	39.65 0.80 0.00	56.55 1.78 0.00	50.64 1.69 0.00	38.87 1.32 0.00	30.97 0.99 0.00
PLEASANTVLY__LBMP 24000	30.06 1.46 0.00	24.22 1.17 0.00	21.31 0.92 0.00	21.33 0.92 0.00	24.20 0.96 0.00	23.96 0.91 0.00	26.15 1.09 0.00	26.21 1.25 0.00	31.95 1.47 0.00	30.64 1.56 -0.15	30.77 1.59 -0.28	30.52 1.53 -1.18	30.81 1.67 -0.31	33.00 1.83 -0.35	42.12 2.44 -0.70	54.72 3.32 -0.89	61.29 4.19 -0.12	36.27 2.49 -2.24	34.35 2.24 -1.69	42.22 2.53 -0.84	58.10 3.34 0.00	51.67 2.72 0.00	39.56 2.01 0.00	31.58 1.60 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.38 1.77 0.00	24.44 1.39 0.00	21.49 1.10 0.00	21.49 1.08 0.00	24.39 1.15 0.00	24.15 1.11 0.00	26.40 1.35 0.00	26.50 1.54 0.00	32.30 1.82 0.00	31.02 1.95 -0.13	31.14 1.98 -0.26	31.05 1.91 -1.32	31.18 2.07 -0.27	33.40 2.27 -0.31	42.64 3.02 -0.65	55.44 4.14 -0.79	62.20 5.12 -0.11	36.68 3.00 -2.15	34.70 2.67 -1.61	42.68 3.03 -0.80	58.75 3.98 0.00	52.22 3.27 0.00	39.97 2.42 0.00	31.91 1.93 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.38 1.77 0.00	24.44 1.39 0.00	21.49 1.10 0.00	21.49 1.08 0.00	24.39 1.15 0.00	24.15 1.11 0.00	26.40 1.35 0.00	26.50 1.54 0.00	32.30 1.82 0.00	31.02 1.95 -0.13	31.14 1.98 -0.26	31.05 1.91 -1.32	31.18 2.07 -0.27	33.40 2.27 -0.31	42.64 3.02 -0.65	55.44 4.14 -0.79	62.20 5.12 -0.11	36.68 3.00 -2.15	34.70 2.67 -1.61	42.68 3.03 -0.80	58.75 3.98 0.00	52.22 3.27 0.00	39.97 2.42 0.00	31.91 1.93 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.31 1.70 0.00	24.40 1.34 0.00	21.45 1.06 0.00	21.46 1.06 0.00	24.36 1.11 0.00	24.13 1.09 0.00	26.34 1.29 0.00	26.44 1.48 0.00	32.23 1.75 0.00	30.67 1.77 0.03	30.74 1.81 -0.03	29.59 1.73 -0.04	30.64 1.88 0.08	32.81 2.07 0.09	41.62 2.80 0.15	54.15 3.85 0.21	61.90 4.95 0.03	36.67 2.95 -2.19	34.77 2.68 -1.67	42.77 3.09 -0.83	58.85 4.09 0.00	52.29 3.35 0.00	39.99 2.44 0.00	31.91 1.92 0.00
POLETTI____ 23519	30.50 1.90 0.00	24.54 1.49 0.00	21.57 1.18 0.00	21.56 1.15 0.00	24.45 1.20 0.00	24.22 1.18 0.00	26.50 1.45 0.00	26.62 1.66 0.00	32.42 1.94 0.00	31.17 2.11 -0.13	31.29 2.13 -0.26	31.36 2.07 -1.48	31.32 2.21 -0.27	33.56 2.43 -0.30	42.89 3.25 -0.66	55.74 4.45 -0.78	62.55 5.46 -0.11	36.85 3.19 -2.12	34.82 2.81 -1.60	42.76 3.12 -0.79	58.90 4.13 0.00	52.35 3.41 0.00	40.11 2.56 0.00	32.03 2.05 0.00
POMONA____ESR 323819	30.20 1.59 0.00	24.28 1.23 0.00	21.36 0.97 0.00	21.38 0.97 0.00	24.25 1.00 0.00	24.01 0.97 0.00	26.26 1.20 0.00	26.34 1.38 0.00	32.13 1.64 0.00	30.84 1.79 -0.12	31.01 1.86 -0.24	29.29 1.79 0.31	31.01 1.93 -0.24	33.24 2.14 -0.28	42.23 2.85 -0.41	55.17 3.95 -0.71	62.00 4.92 -0.10	36.45 2.88 -2.02	34.48 2.54 -1.52	42.40 2.80 -0.76	58.49 3.72 0.00	52.02 3.07 0.00	39.78 2.23 0.00	31.74 1.76 0.00
PORT_JEFF_3 23555	32.59 2.98 -1.00	27.27 2.40 -1.82	23.27 2.01 -0.87	22.35 1.94 0.00	25.38 2.13 0.00	25.04 2.00 0.00	27.32 2.27 0.00	27.38 2.42 0.00	33.55 3.06 0.00	32.19 3.13 -0.13	32.24 2.96 -0.38	43.08 2.89 -12.38	33.97 3.13 -2.00	35.42 3.33 -1.26	43.93 3.93 -1.02	56.43 5.13 -0.78	215.46 6.40 -152.08	316.90 3.57 -281.79	150.58 3.31 -116.85	69.24 3.91 -26.48	59.68 4.91 -0.01	52.77 3.83 0.00	40.76 3.21 0.00	34.23 2.97 -1.29
PORT_JEFF_4 23616	32.59 2.98 -1.00	27.27 2.40 -1.82	23.27 2.01 -0.87	22.35 1.94 0.00	25.38 2.13 0.00	25.04 2.00 0.00	27.32 2.27 0.00	27.38 2.42 0.00	33.55 3.06 0.00	32.19 3.13 -0.13	32.24 2.96 -0.38	43.08 2.89 -12.38	33.97 3.13 -2.00	35.42 3.33 -1.26	43.93 3.93 -1.02	56.43 5.13 -0.78	215.46 6.40 -152.08	316.90 3.57 -281.79	150.58 3.31 -116.85	69.24 3.91 -26.48	59.68 4.91 -0.01	52.77 3.83 0.00	40.76 3.21 0.00	34.23 2.97 -1.29
PORT_JEFF_IC 23713	32.67 3.06 -1.00	27.34 2.47 -1.82	23.33 2.07 -0.87	22.41 2.00 0.00	25.44 2.19 0.00	25.10 2.06 0.00	27.39 2.33 0.00	27.44 2.48 0.00	33.64 3.15 0.00	32.28 3.22 -0.13	32.35 3.06 -0.38	43.30 3.00 -12.49	34.09 3.25 -2.00	35.59 3.47 -1.29	44.18 4.13 -1.08	56.54 5.25 -0.78	222.73 6.55 -159.20	325.09 3.68 -289.87	156.60 3.40 -122.78	69.64 4.00 -26.79	59.77 5.00 -0.01	52.88 3.94 0.00	40.93 3.38 0.00	34.36 3.10 -1.29
PPL PILGRIM_ST_GT1 24216	32.68 3.08 -1.00	27.32 2.45 -1.81	23.33 2.07 -0.87	22.42 2.02 0.00	25.47 2.21 0.00	25.11 2.07 0.00	27.44 2.38 0.00	27.50 2.54 0.00	33.72 3.23 0.00	32.32 3.26 -0.13	32.25 3.06 -0.28	36.33 3.08 -5.44	34.07 3.27 -1.96	35.38 3.49 -1.06	43.87 4.16 -0.74	56.69 5.40 -0.78	100.27 6.72 -36.56	122.44 3.82 -87.08	89.59 3.53 -55.64	49.74 4.14 -6.76	60.03 5.25 0.00	53.20 4.25 0.00	41.14 3.59 0.00	34.50 3.24 -1.29
PPL PILGRIM_ST_GT2 24217	32.68 3.08 -1.00	27.32 2.45 -1.81	23.33 2.07 -0.87	22.42 2.02 0.00	25.47 2.21 0.00	25.11 2.07 0.00	27.44 2.38 0.00	27.50 2.54 0.00	33.72 3.23 0.00	32.32 3.26 -0.13	32.25 3.06 -0.28	36.33 3.08 -5.44	34.07 3.27 -1.96	35.38 3.49 -1.06	43.87 4.16 -0.74	56.69 5.40 -0.78	100.27 6.72 -36.56	122.44 3.82 -87.08	89.59 3.53 -55.64	49.74 4.14 -6.76	60.03 5.25 0.00	53.20 4.25 0.00	41.14 3.59 0.00	34.50 3.24 -1.29
PPL_SHRM_GT3 24213	32.99 3.38 -1.00	27.60 2.73 -1.82	23.56 2.29 -0.87	22.62 2.21 0.00	25.68 2.43 0.00	25.34 2.30 0.00	27.64 2.58 0.00	27.69 2.73 0.00	33.96 3.47 0.00	32.61 3.55 -0.13	32.69 3.41 -0.38	43.41 3.31 -12.28	34.38 3.54 -2.00	35.91 3.82 -1.27	44.67 4.66 -1.03	57.59 6.29 -0.78	216.36 7.79 -151.60	315.94 4.26 -280.14	151.38 3.91 -117.05	69.93 4.88 -26.20	61.00 6.22 -0.01	53.83 4.88 0.00	41.49 3.95 0.00	34.76 3.49 -1.29
PPL_SHRM_GT4 24214	32.99 3.38 -1.00	27.60 2.73 -1.82	23.56 2.29 -0.87	22.62 2.21 0.00	25.68 2.43 0.00	25.34 2.30 0.00	27.64 2.58 0.00	27.69 2.73 0.00	33.96 3.47 0.00	32.61 3.55 -0.13	32.69 3.41 -0.38	43.41 3.31 -12.28	34.38 3.54 -2.00	35.91 3.82 -1.27	44.67 4.66 -1.03	57.59 6.29 -0.78	216.36 7.79 -151.60	315.94 4.26 -280.14	151.38 3.91 -117.05	69.93 4.88 -26.20	61.00 6.22 -0.01	53.83 4.88 0.00	41.49 3.95 0.00	34.76 3.49 -1.29
PROJECT___ORANGE 1 24174	28.52 -0.09 0.00	22.90 -0.15 0.00	20.23 -0.16 0.00	20.21 -0.19 0.00	23.05 -0.20 0.00	22.90 -0.14 0.00	25.00 -0.06 0.00	24.85 -0.11 0.00	30.42 -0.06 0.00	28.96 0.01 -0.03	29.50 -0.08 -0.67	28.30 -0.09 -0.58	28.67 -0.17 0.00	30.67 -0.15 0.00	38.71 -0.27 0.00	50.31 -0.32 -0.11	56.54 -0.44 0.00	31.51 -0.21 -0.18	30.14 -0.29 -0.01	38.43 -0.42 0.00	54.20 -0.57 0.00	48.27 -0.68 0.00	36.99 -0.56 0.00	29.61 -0.37 0.00
PROJECT___ORANGE 2 24166	28.52 -0.09 0.00	22.90 -0.15 0.00	20.23 -0.16 0.00	20.21 -0.19 0.00	23.05 -0.20 0.00	22.90 -0.14 0.00	25.00 -0.06 0.00	24.85 -0.11 0.00	30.42 -0.06 0.00	28.96 0.01 -0.03	29.50 -0.08 -0.67	28.30 -0.09 -0.58	28.67 -0.17 0.00	30.67 -0.15 0.00	38.71 -0.27 0.00	50.31 -0.32 -0.11	56.54 -0.44 0.00	31.51 -0.21 -0.18	30.14 -0.29 -0.01	38.43 -0.42 0.00	54.20 -0.57 0.00	48.27 -0.68 0.00	36.99 -0.56 0.00	29.61 -0.37 0.00
PUCKETT___SOLAR 323809	29.51 0.91 0.00	23.60 0.54 0.00	20.84 0.45 0.00	20.80 0.39 0.00	23.75 0.50 0.00	23.63 0.59 0.00	25.92 0.86 0.00	25.81 0.85 0.00	31.60 1.12 0.00	29.98 1.04 -0.02	30.13 0.82 -0.41	28.86 0.69 -0.35	29.49 0.65 0.00	31.61 0.79 0.00	39.92 0.95 0.00	52.00 1.41 -0.07	58.58 1.60 0.00	33.27 1.10 -0.63	31.94 0.94 -0.59	40.34 1.20 -0.30	56.49 1.72 0.00	50.28 1.33 0.00	38.45 0.90 0.00	30.72 0.74 0.00
PYRITES___HYD 24023	28.05 -0.56 0.00	22.64 -0.42 0.00	20.09 -0.30 0.00	20.25 -0.15 0.00	23.20 -0.05 0.00	22.85 -0.19 0.00	24.86 -0.19 0.00	24.78 -0.18 0.00	30.15 -0.34 0.00	28.37 -0.56 0.00	28.55 -0.45 -0.10	27.62 -0.28 -0.08	28.53 -0.30 0.00	30.47 -0.35 0.00	38.55 -0.43 0.00	49.99 -0.54 -0.02	56.14 -0.84 0.00	30.93 -0.60 0.00	30.03 -0.39 0.00	38.62 -0.22 0.00	54.82 0.06 0.00	49.21 0.26 0.00	37.73 0.18 0.00	29.93 -0.05 0.00

QUAKERRD_115KV_BK1 80622	27.91 -0.70 0.00	22.35 -0.71 0.00	19.73 -0.67 0.00	19.66 -0.76 0.00	22.44 -0.81 0.00	22.36 -0.68 0.00	24.48 -0.58 0.00	24.22 -0.74 0.00	29.82 -0.67 0.00	28.54 -0.42 -0.03	29.04 -0.59 -0.73	27.80 -0.64 -0.63	28.09 -0.75 0.00	30.01 -0.82 0.00	37.60 -1.37 0.00	48.88 -1.76 -0.12	54.58 -2.40 0.00	30.38 -1.39 -0.24	29.14 -1.45 -0.17	37.15 -1.79 -0.08	52.52 0.00	46.61 -2.34 0.00	35.84 -1.71 0.00	28.91 -1.07 0.00
QUENSBRY_115KV_TB8 356137	30.01 1.40 0.00	24.11 1.06 0.00	21.26 0.87 0.00	21.35 0.95 0.00	24.36 1.11 0.00	24.05 1.01 0.00	26.08 1.02 0.00	26.13 1.17 0.00	31.90 1.42 0.00	30.28 1.50 0.15	30.32 1.56 0.14	28.77 1.52 0.57	30.26 1.74 0.32	32.10 1.64 0.36	40.57 2.27 0.67	52.75 3.12 0.90	61.08 4.23 0.13	36.73 2.36 -2.83	37.99 2.72 -4.85	44.86 3.47 -2.54	59.36 4.59 0.00	52.76 3.81 0.00	40.20 2.66 0.00	31.85 1.86 0.00
RAMAPO___LBMP 323565	30.08 1.47 0.00	24.19 1.13 0.00	21.28 0.89 0.00	21.30 0.89 0.00	24.17 0.92 0.00	23.93 0.89 0.00	26.16 1.11 0.00	26.25 1.29 0.00	32.01 1.53 0.00	30.71 1.66 -0.12	30.86 1.71 -0.24	29.18 1.64 0.27	30.85 1.77 -0.24	33.06 1.96 -0.27	42.00 2.61 -0.41	54.82 3.60 -0.70	61.60 4.53 -0.10	36.23 2.67 -2.02	34.28 2.34 -1.51	42.16 2.57 -0.75	58.18 3.41 0.00	51.75 2.80 0.00	39.58 2.03 0.00	31.60 1.61 0.00
RANKINE____ 23646	28.87 0.26 0.00	22.98 -0.08 0.00	20.30 -0.10 0.00	20.14 -0.27 0.00	23.05 -0.20 0.00	23.03 -0.01 0.00	25.34 0.29 0.00	24.91 -0.05 0.00	30.94 0.46 0.00	29.76 0.80 -0.03	30.06 0.50 -0.66	28.67 0.28 -0.57	28.87 0.03 0.00	30.89 0.06 0.00	38.38 -0.59 0.00	49.85 -0.79 -0.12	55.11 -1.88 -0.01	30.70 -1.18 -0.34	29.31 -1.37 -0.26	37.41 -1.57 -0.13	53.13 -1.64 0.00	47.04 -1.91 -0.01	36.32 -1.23 0.00	29.62 -0.36 0.00
RAVENSWOOD_GT2_1 24244	30.54 1.93 0.00	24.57 1.51 0.00	21.59 1.20 0.00	21.58 1.17 0.00	24.49 1.24 0.00	24.26 1.22 0.00	26.54 1.49 0.00	26.65 1.69 0.00	32.47 1.99 0.00	31.21 2.15 -0.13	31.31 2.16 -0.26	31.39 2.09 -1.48	31.35 2.24 -0.27	33.60 2.47 -0.30	42.92 3.29 -0.66	55.79 4.50 -0.78	62.59 5.51 -0.11	36.87 3.21 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.98 4.21 0.00	52.42 3.47 0.00	40.16 2.61 0.00	32.08 2.10 0.00
RAVENSWOOD_GT2_2 24245	30.54 1.93 0.00	24.57 1.51 0.00	21.59 1.20 0.00	21.58 1.17 0.00	24.49 1.24 0.00	24.26 1.22 0.00	26.54 1.49 0.00	26.65 1.69 0.00	32.47 1.99 0.00	31.21 2.15 -0.13	31.31 2.16 -0.26	31.39 2.09 -1.48	31.35 2.24 -0.27	33.60 2.47 -0.30	42.92 3.29 -0.66	55.79 4.50 -0.78	62.59 5.51 -0.11	36.87 3.21 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.98 4.21 0.00	52.42 3.47 0.00	40.16 2.61 0.00	32.08 2.10 0.00
RAVENSWOOD_GT2_3 24246	30.56 1.96 0.00	24.58 1.53 0.00	21.61 1.21 0.00	21.59 1.18 0.00	24.50 1.25 0.00	24.27 1.23 0.00	26.55 1.50 0.00	26.67 1.71 0.00	32.49 2.00 0.00	31.22 2.16 -0.13	31.34 2.18 -0.26	31.41 2.11 -1.48	31.37 2.27 -0.27	33.62 2.49 -0.30	42.95 3.31 -0.66	55.83 4.54 -0.78	62.65 5.56 -0.11	36.90 3.24 -2.12	34.88 2.86 -1.60	42.84 3.20 -0.79	59.01 4.25 0.00	52.45 3.51 0.00	40.17 2.63 0.00	32.09 2.11 0.00
RAVENSWOOD_GT2_4 24247	30.56 1.96 0.00	24.58 1.53 0.00	21.61 1.21 0.00	21.59 1.18 0.00	24.50 1.25 0.00	24.27 1.23 0.00	26.55 1.50 0.00	26.67 1.71 0.00	32.49 2.00 0.00	31.22 2.16 -0.13	31.34 2.18 -0.26	31.41 2.11 -1.48	31.37 2.27 -0.27	33.62 2.49 -0.30	42.95 3.31 -0.66	55.83 4.54 -0.78	62.65 5.56 -0.11	36.90 3.24 -2.12	34.88 2.86 -1.60	42.84 3.20 -0.79	59.01 4.25 0.00	52.45 3.51 0.00	40.17 2.63 0.00	32.09 2.11 0.00
RAVENSWOOD_GT3_1 24248	30.54 1.93 0.00	24.56 1.51 0.00	21.59 1.20 0.00	21.58 1.17 0.00	24.48 1.23 0.00	24.25 1.21 0.00	26.54 1.49 0.00	26.65 1.69 0.00	32.47 1.99 0.00	31.21 2.15 -0.13	31.32 2.16 -0.26	31.39 2.09 -1.48	31.35 2.24 -0.27	33.60 2.47 -0.30	42.92 3.29 -0.66	55.79 4.50 -0.78	62.59 5.51 -0.11	36.87 3.21 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.98 4.21 0.00	52.42 3.47 0.00	40.16 2.61 0.00	32.08 2.10 0.00
RAVENSWOOD_GT3_2 24249	30.54 1.93 0.00	24.56 1.51 0.00	21.59 1.20 0.00	21.58 1.17 0.00	24.48 1.23 0.00	24.25 1.21 0.00	26.54 1.49 0.00	26.65 1.69 0.00	32.47 1.99 0.00	31.21 2.15 -0.13	31.32 2.16 -0.26	31.39 2.09 -1.48	31.35 2.24 -0.27	33.60 2.47 -0.30	42.92 3.29 -0.66	55.79 4.50 -0.78	62.59 5.51 -0.11	36.87 3.21 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.98 4.21 0.00	52.42 3.47 0.00	40.16 2.61 0.00	32.08 2.10 0.00
RAVENSWOOD_GT3_3 24250	30.60 1.99 0.00	24.61 1.56 0.00	21.63 1.24 0.00	21.62 1.21 0.00	24.53 1.28 0.00	24.30 1.26 0.00	26.59 1.54 0.00	26.70 1.74 0.00	32.54 2.05 0.00	31.27 2.21 -0.13	31.38 2.23 -0.26	31.45 2.16 -1.48	31.42 2.31 -0.27	33.67 2.54 -0.30	43.02 3.38 -0.66	55.93 4.64 -0.78	62.75 5.66 -0.11	36.95 3.29 -2.12	34.92 2.91 -1.60	42.90 3.26 -0.79	59.10 4.34 0.00	52.54 3.59 0.00	40.24 2.70 0.00	32.14 2.16 0.00
RAVENSWOOD_GT3_4 24251	30.60 1.99 0.00	24.61 1.56 0.00	21.63 1.24 0.00	21.62 1.21 0.00	24.53 1.28 0.00	24.30 1.26 0.00	26.59 1.54 0.00	26.70 1.74 0.00	32.54 2.05 0.00	31.27 2.21 -0.13	31.38 2.23 -0.26	31.45 2.16 -1.48	31.42 2.31 -0.27	33.67 2.54 -0.30	43.02 3.38 -0.66	55.93 4.64 -0.78	62.75 5.66 -0.11	36.95 3.29 -2.12	34.92 2.91 -1.60	42.90 3.26 -0.79	59.10 4.34 0.00	52.54 3.59 0.00	40.24 2.70 0.00	32.14 2.16 0.00
RAVENSWOOD_GT_1 23729	30.61 2.00 0.00	24.63 1.58 0.00	21.65 1.25 0.00	21.63 1.22 0.00	24.54 1.29 0.00	24.31 1.27 0.00	26.63 1.58 0.00	26.74 1.78 0.00	32.58 2.10 0.00	31.31 2.25 -0.13	31.38 2.22 -0.26	31.44 2.15 -1.48	31.42 2.32 -0.27	33.66 2.53 -0.30	42.99 3.36 -0.66	55.89 4.60 -0.78	62.74 5.65 -0.11	36.93 3.27 -2.12	34.90 2.88 -1.60	42.87 3.23 -0.79	59.04 4.27 0.00	52.51 3.56 0.00	40.23 2.68 0.00	32.17 2.19 0.00
RAVENSWOOD_GT_10 24258	30.54 1.93 0.00	24.56 1.51 0.00	21.59 1.20 0.00	21.58 1.17 0.00	24.48 1.23 0.00	24.25 1.21 0.00	26.54 1.49 0.00	26.65 1.69 0.00	32.47 1.99 0.00	31.21 2.15 -0.13	31.32 2.16 -0.26	31.39 2.09 -1.48	31.35 2.24 -0.27	33.60 2.47 -0.30	42.92 3.29 -0.66	55.79 4.50 -0.78	62.59 5.51 -0.11	36.87 3.21 -2.12	34.85 2.84 -1.60	42.82 3.18 -0.79	58.98 4.21 0.00	52.42 3.47 0.00	40.15 2.61 0.00	32.08 2.10 0.00
RAVENSWOOD_GT_11 24259	30.54 1.93 0.00	24.57 1.51 0.00	21.59 1.20 0.00	21.58 1.17 0.00	24.48 1.23 0.00	24.25 1.21 0.00	26.54 1.49 0.00	26.65 1.69 0.00	32.47 1.98 0.00	31.21 2.15 -0.13	31.32 2.16 -0.26	31.39 2.09 -1.48	31.35 2.24 -0.27	33.60 2.47 -0.30	42.93 3.29 -0.66	55.79 4.50 -0.78	62.59 5.51 -0.11	36.87 3.21 -2.12	34.85 2.84 -1.60	42.82 3.18 -0.79	58.98 4.22 0.00	52.42 3.47 0.00	40.15 2.61 0.00	32.07 2.09 0.00

RAVENSWOOD_GT_4 24252	30.54 1.93 0.00	24.56 1.51 0.00	21.59 1.20 0.00	21.58 1.17 0.00	24.48 1.23 0.00	24.25 1.21 0.00	26.53 1.47 0.00	26.64 1.68 0.00	32.46 1.97 0.00	31.20 2.14 -0.13	31.31 2.16 -0.26	31.39 2.09 -1.48	31.35 2.24 -0.27	33.59 2.46 -0.30	42.92 3.28 -0.66	55.79 4.49 -0.78	62.59 5.50 -0.11	36.87 3.20 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.98 4.21 0.00	52.42 3.48 0.00	40.15 2.60 0.00	32.06 2.08 0.00
RAVENSWOOD_GT_5 24254	30.54 1.93 0.00	24.56 1.51 0.00	21.59 1.20 0.00	21.58 1.17 0.00	24.48 1.23 0.00	24.25 1.21 0.00	26.53 1.47 0.00	26.64 1.68 0.00	32.46 1.97 0.00	31.20 2.14 -0.13	31.31 2.16 -0.26	31.39 2.09 -1.48	31.35 2.24 -0.27	33.59 2.46 -0.30	42.92 3.28 -0.66	55.79 4.49 -0.78	62.59 5.50 -0.11	36.87 3.20 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.98 4.21 0.00	52.42 3.48 0.00	40.15 2.60 0.00	32.06 2.08 0.00
RAVENSWOOD_GT_6 24253	30.54 1.93 0.00	24.56 1.51 0.00	21.59 1.20 0.00	21.58 1.17 0.00	24.48 1.23 0.00	24.25 1.21 0.00	26.53 1.47 0.00	26.64 1.68 0.00	32.46 1.97 0.00	31.20 2.14 -0.13	31.31 2.16 -0.26	31.39 2.09 -1.48	31.35 2.24 -0.27	33.59 2.46 -0.30	42.92 3.28 -0.66	55.79 4.49 -0.78	62.59 5.50 -0.11	36.87 3.20 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.98 4.21 0.00	52.42 3.48 0.00	40.15 2.60 0.00	32.06 2.08 0.00
RAVENSWOOD_GT_7 24255	30.54 1.93 0.00	24.56 1.51 0.00	21.59 1.20 0.00	21.58 1.17 0.00	24.48 1.23 0.00	24.25 1.21 0.00	26.53 1.47 0.00	26.64 1.68 0.00	32.46 1.97 0.00	31.20 2.14 -0.13	31.31 2.16 -0.26	31.39 2.09 -1.48	31.35 2.24 -0.27	33.59 2.46 -0.30	42.92 3.28 -0.66	55.79 4.49 -0.78	62.59 5.50 -0.11	36.87 3.20 -2.12	34.85 2.84 -1.60	42.81 3.17 -0.79	58.98 4.21 0.00	52.42 3.48 0.00	40.15 2.60 0.00	32.06 2.08 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.54 1.93 0.00	24.56 1.51 0.00	21.59 1.20 0.00	21.58 1.17 0.00	24.48 1.23 0.00	24.25 1.21 0.00	26.54 1.49 0.00	26.65 1.69 0.00	32.47 1.99 0.00	31.21 2.15 -0.13	31.32 2.16 -0.26	31.39 2.09 -1.48	31.35 2.24 -0.27	33.60 2.47 -0.30	42.92 3.29 -0.66	55.79 4.50 -0.78	62.59 5.51 -0.11	36.87 3.21 -2.12	34.85 2.84 -1.60	42.82 3.18 -0.79	58.98 4.21 0.00	52.42 3.47 0.00	40.15 2.61 0.00	32.08 2.10 0.00
RAVENSWOOD_GT_9 24257	30.54 1.93 0.00	24.56 1.51 0.00	21.59 1.20 0.00	21.58 1.17 0.00	24.48 1.23 0.00	24.25 1.21 0.00	26.54 1.49 0.00	26.65 1.69 0.00	32.47 1.99 0.00	31.21 2.15 -0.13	31.32 2.16 -0.26	31.39 2.09 -1.48	31.35 2.24 -0.27	33.60 2.47 -0.30	42.92 3.29 -0.66	55.79 4.50 -0.78	62.59 5.51 -0.11	36.87 3.21 -2.12	34.85 2.84 -1.60	42.82 3.18 -0.79	58.98 4.21 0.00	52.42 3.47 0.00	40.15 2.61 0.00	32.08 2.10 0.00
RAVENSWOOD___1 23533	30.60 1.99 0.00	24.61 1.56 0.00	21.63 1.23 0.00	21.61 1.20 0.00	24.52 1.27 0.00	24.29 1.25 0.00	26.61 1.56 0.00	26.72 1.76 0.00	32.55 2.07 0.00	31.29 2.23 -0.13	31.36 2.20 -0.26	31.43 2.14 -1.48	31.41 2.30 -0.27	33.64 2.51 -0.30	42.98 3.34 -0.66	55.86 4.57 -0.78	62.71 5.62 -0.11	36.93 3.27 -2.12	34.88 2.87 -1.60	42.84 3.20 -0.79	59.02 4.25 0.00	52.47 3.52 0.00	40.20 2.66 0.00	32.15 2.16 0.00
RAVENSWOOD___2 23534	30.57 1.96 0.00	24.60 1.54 0.00	21.62 1.22 0.00	21.60 1.19 0.00	24.51 1.26 0.00	24.28 1.24 0.00	26.59 1.54 0.00	26.70 1.74 0.00	32.53 2.05 0.00	31.27 2.20 -0.13	31.35 2.19 -0.26	31.41 2.12 -1.48	31.40 2.29 -0.27	33.63 2.50 -0.30	42.96 3.32 -0.66	55.84 4.55 -0.78	62.68 5.59 -0.11	36.90 3.24 -2.12	34.87 2.86 -1.60	42.84 3.20 -0.79	59.00 4.23 0.00	52.46 3.52 0.00	40.19 2.64 0.00	32.13 2.15 0.00
RAVENSWOOD___3 23535	30.54 1.93 0.00	24.57 1.51 0.00	21.59 1.20 0.00	21.58 1.17 0.00	24.49 1.24 0.00	24.26 1.22 0.00	26.54 1.49 0.00	26.65 1.69 0.00	32.47 1.98 0.00	31.21 2.15 -0.13	31.32 2.16 -0.26	31.39 2.09 -1.48	31.35 2.24 -0.27	33.60 2.47 -0.30	42.93 3.29 -0.66	55.79 4.50 -0.78	62.60 5.51 -0.11	36.87 3.21 -2.12	34.86 2.84 -1.60	42.82 3.18 -0.79	58.99 4.22 0.00	52.42 3.48 0.00	40.16 2.61 0.00	32.08 2.10 0.00
RAVENSWOOD___4 23820	30.57 1.96 0.00	24.60 1.54 0.00	21.62 1.22 0.00	21.60 1.19 0.00	24.51 1.26 0.00	24.28 1.24 0.00	26.59 1.54 0.00	26.70 1.74 0.00	32.53 2.05 0.00	31.27 2.20 -0.13	31.35 2.19 -0.26	31.41 2.12 -1.48	31.40 2.29 -0.27	33.63 2.50 -0.30	42.96 3.32 -0.66	55.84 4.55 -0.78	62.68 5.59 -0.11	36.90 3.24 -2.12	34.87 2.86 -1.60	42.84 3.20 -0.79	59.00 4.23 0.00	52.46 3.52 0.00	40.19 2.64 0.00	32.13 2.15 0.00
RCPL_TRUST___DRP 24196	30.53 1.92 0.00	24.55 1.49 0.00	21.58 1.19 0.00	21.57 1.16 0.00	24.48 1.23 0.00	24.24 1.20 0.00	26.55 1.49 0.00	26.66 1.70 0.00	32.49 2.00 0.00	31.23 2.17 -0.13	31.36 2.20 -0.26	31.43 2.13 -1.48	31.38 2.27 -0.27	33.64 2.51 -0.30	42.99 3.35 -0.66	55.88 4.59 -0.78	62.65 5.56 -0.11	36.90 3.24 -2.12	34.88 2.86 -1.60	42.83 3.19 -0.79	58.99 4.22 0.00	52.42 3.48 0.00	40.14 2.59 0.00	32.06 2.08 0.00
RED___ROCHESTER 323720	28.86 0.25 0.00	23.07 0.02 0.00	20.35 -0.04 0.00	20.25 -0.15 0.00	23.14 -0.11 0.00	23.09 0.05 0.00	25.27 0.21 0.00	24.95 -0.01 0.00	30.82 0.34 0.00	29.52 0.56 -0.03	29.97 0.35 -0.72	28.70 0.26 -0.63	29.02 0.18 0.00	31.00 0.18 0.00	38.75 -0.22 0.00	50.40 -0.23 -0.12	56.19 -0.80 0.00	31.25 -0.53 -0.24	29.96 -0.64 -0.18	38.19 -0.74 -0.09	54.09 -0.67 0.00	47.95 -0.99 0.00	36.89 -0.66 0.00	29.84 -0.14 0.00
REGAN___SOLAR 323812	31.41 2.80 0.00	25.19 2.13 0.00	22.15 1.76 0.00	22.14 1.73 0.00	25.29 2.04 0.00	25.12 2.08 0.00	27.78 2.73 0.00	26.97 2.01 0.00	33.14 2.65 0.00	31.05 2.22 0.10	30.76 1.92 0.05	28.03 0.55 0.34	29.69 1.07 0.22	31.79 1.21 0.25	40.67 2.15 0.46	52.25 2.34 0.61	60.83 3.94 0.09	37.49 2.72 -3.23	38.85 3.87 -4.57	46.41 5.20 -2.37	62.30 7.53 0.00	55.37 6.43 0.00	42.16 4.61 0.00	33.51 3.53 0.00
RENSSELAER___COGEN 23796	29.16 0.55 0.00	23.56 0.51 0.00	20.77 0.37 0.00	20.85 0.44 0.00	23.69 0.44 0.00	23.42 0.38 0.00	25.48 0.43 0.00	25.43 0.47 0.00	31.04 0.55 0.00	29.35 0.55 0.14	29.33 0.55 0.12	27.84 0.53 0.50	29.24 0.69 0.29	31.21 0.72 0.33	39.37 1.01 0.61	50.91 1.22 0.82	58.69 1.83 0.12	35.43 1.17 -2.72	34.90 1.14 -3.34	41.94 1.37 -1.72	56.50 1.73 0.00	50.29 1.34 0.00	38.52 0.97 0.00	30.71 0.72 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.42 2.81 0.00	25.10 2.04 0.00	22.05 1.66 0.00	22.20 1.80 0.00	25.35 2.10 0.00	24.94 1.90 0.00	27.16 2.11 0.00	27.29 2.34 0.00	33.34 2.86 0.00	31.74 2.96 0.15	31.79 3.04 0.14	30.10 2.87 0.58	31.78 3.26 0.32	33.70 3.24 0.37	42.49 4.19 0.68	55.64 6.03 0.90	64.40 7.55 0.13	38.57 4.20 -2.83	39.81 4.55 -4.84	47.27 5.89 -2.53	62.56 7.79 0.00	55.60 6.66 0.00	42.23 4.69 0.00	33.25 3.27 0.00

REVERE_CPDR_DRP 24186	29.24 0.63 0.00	23.52 0.46 0.00	20.81 0.41 0.00	20.82 0.40 0.00	23.75 0.50 0.00	23.62 0.58 0.00	25.90 0.85 0.00	25.80 0.84 0.00	31.59 1.10 0.00	30.00 1.06 -0.01	30.22 1.01 -0.31	28.97 0.89 -0.26	29.73 0.89 0.00	31.84 1.01 0.00	40.35 1.38 0.00	52.35 1.78 -0.05	59.13 2.15 0.00	32.96 1.31 -0.10	31.74 1.32 -0.01	40.56 1.71 0.00	57.25 2.48 0.00	50.94 1.99 0.00	38.88 1.33 0.00	30.95 0.97 0.00
REYNOLDS_115KV_TB3 80639	29.35 0.74 0.00	23.74 0.69 0.00	20.93 0.54 0.00	21.03 0.62 0.00	23.89 0.64 0.00	23.60 0.56 0.00	25.65 0.60 0.00	25.58 0.62 0.00	31.22 0.74 0.00	29.48 0.71 0.16	29.46 0.71 0.16	27.86 0.66 0.62	29.33 0.84 0.34	31.29 0.86 0.39	39.43 1.18 0.72	50.95 1.40 0.96	58.93 2.09 0.14	35.59 1.32 -2.73	35.24 1.29 -3.53	42.26 1.58 -1.83	56.80 2.04 0.00	50.58 1.63 0.00	38.74 1.19 0.00	30.89 0.91 0.00
RIVERBAY____ 323610	30.73 2.13 0.00	24.70 1.65 0.00	21.71 1.31 0.00	21.68 1.27 0.00	24.62 1.37 0.00	24.38 1.34 0.00	26.82 1.76 0.00	26.88 1.92 0.00	32.71 2.23 0.00	31.41 2.35 -0.13	31.48 2.32 -0.26	31.54 2.25 -1.48	31.55 2.45 -0.27	33.80 2.67 -0.30	43.23 3.59 -0.66	56.16 4.86 -0.78	63.15 6.06 -0.11	37.15 3.49 -2.12	35.09 3.07 -1.60	43.20 3.56 -0.79	59.51 4.74 0.00	52.88 3.94 0.00	40.54 2.99 0.00	32.38 2.40 0.00
RIVERSDE_115KV_TB3 55908	29.28 0.67 0.00	23.66 0.61 0.00	20.86 0.47 0.00	20.95 0.55 0.00	23.80 0.55 0.00	23.53 0.49 0.00	25.59 0.53 0.00	25.53 0.57 0.00	31.18 0.69 0.00	29.46 0.68 0.15	29.44 0.68 0.14	27.90 0.65 0.56	29.34 0.82 0.32	31.32 0.85 0.36	39.48 1.17 0.67	51.04 1.42 0.90	58.94 2.09 0.13	35.59 1.31 -2.73	35.25 1.27 -3.56	42.23 1.54 -1.84	56.74 1.97 0.00	50.50 1.56 0.00	38.68 1.13 0.00	30.83 0.85 0.00
ROARING__BROOK_WT_PWR 323790	28.04 -0.57 0.00	22.86 -0.20 0.00	20.34 -0.05 0.00	20.40 -0.01 0.00	23.23 -0.01 0.00	23.04 0.00 0.00	25.08 0.02 0.00	24.98 0.03 0.00	30.50 0.02 0.00	28.91 -0.02 0.00	28.85 -0.05 0.00	27.77 -0.04 0.00	28.82 -0.02 0.00	30.79 -0.03 0.00	38.97 0.00 0.00	50.57 0.05 0.00	57.10 0.12 0.00	31.66 0.12 0.00	30.51 0.09 0.00	38.92 0.08 0.00	54.88 0.11 0.00	48.94 0.00 0.00	37.55 0.00 0.00	29.95 -0.04 0.00
ROCHESRG_115KV_T4 355643	28.53 -0.08 0.00	22.81 -0.24 0.00	20.13 -0.26 0.00	20.04 -0.36 0.00	22.89 -0.36 0.00	22.84 -0.20 0.00	25.00 -0.05 0.00	24.68 -0.28 0.00	30.45 -0.03 0.00	29.17 0.21 -0.03	29.62 -0.01 -0.73	28.34 -0.11 -0.63	28.63 -0.21 0.00	30.58 -0.25 0.00	38.21 -0.77 0.00	49.67 -0.97 -0.12	55.35 -1.63 0.00	30.79 -0.99 -0.24	29.52 -1.07 -0.17	37.65 -1.29 -0.09	53.33 -1.44 0.00	47.31 -1.64 0.00	36.43 -1.12 0.00	29.49 -0.49 0.00
ROCHESTER_9_IC 23652	28.71 0.10 0.00	22.95 -0.10 0.00	20.25 -0.14 0.00	20.16 -0.25 0.00	23.03 -0.22 0.00	22.98 -0.06 0.00	25.15 0.10 0.00	24.83 -0.13 0.00	30.66 0.17 0.00	29.37 0.41 -0.03	29.82 0.20 -0.72	28.54 0.09 -0.63	28.85 0.01 0.00	30.81 -0.01 0.00	38.51 -0.46 0.00	50.07 -0.57 -0.12	55.80 -1.19 0.00	31.04 -0.74 -0.24	29.75 -0.84 -0.18	37.94 -0.99 -0.09	53.74 -1.03 0.00	47.65 -1.29 0.00	36.68 -0.87 0.00	29.68 -0.31 0.00
ROCKVIEW_13_KV_LD 356306	30.55 1.94 0.00	24.56 1.51 0.00	21.60 1.21 0.00	21.59 1.18 0.00	24.51 1.25 0.00	24.26 1.22 0.00	26.54 1.48 0.00	26.64 1.68 0.00	32.48 2.00 0.00	31.19 2.13 -0.13	31.31 2.16 -0.26	31.39 2.10 -1.48	31.35 2.25 -0.27	33.61 2.48 -0.30	42.93 3.29 -0.66	55.79 4.50 -0.78	62.61 5.53 -0.11	36.88 3.22 -2.12	34.88 2.87 -1.60	42.88 3.24 -0.79	59.07 4.30 0.00	52.49 3.54 0.00	40.17 2.63 0.00	32.09 2.11 0.00
ROME____115KV_TB2 80656	29.24 0.63 0.00	23.52 0.46 0.00	20.81 0.41 0.00	20.82 0.40 0.00	23.75 0.50 0.00	23.62 0.58 0.00	25.90 0.85 0.00	25.80 0.84 0.00	31.59 1.10 0.00	30.00 1.06 -0.01	30.22 1.01 -0.31	28.97 0.89 -0.26	29.73 0.89 0.00	31.84 1.01 0.00	40.35 1.38 0.00	52.35 1.78 -0.05	59.13 2.15 0.00	32.96 1.31 -0.10	31.74 1.32 -0.01	40.56 1.71 0.00	57.25 2.48 0.00	50.94 1.99 0.00	38.88 1.33 0.00	30.95 0.97 0.00
ROSETON__1 23587	30.03 1.43 0.00	24.18 1.13 0.00	21.28 0.89 0.00	21.30 0.89 0.00	24.18 0.92 0.00	23.93 0.89 0.00	26.13 1.08 0.00	26.20 1.24 0.00	31.94 1.45 0.00	30.61 1.57 -0.12	30.74 1.60 -0.24	30.02 1.53 -0.68	30.74 1.66 -0.24	32.93 1.83 -0.28	41.93 2.44 -0.52	54.54 3.32 -0.70	61.24 4.16 -0.10	36.13 2.47 -2.12	34.22 2.21 -1.59	42.13 2.49 -0.79	58.05 3.28 0.00	51.63 2.68 0.00	39.52 1.97 0.00	31.56 1.58 0.00
ROSETON__2 23588	30.03 1.43 0.00	24.18 1.13 0.00	21.28 0.89 0.00	21.30 0.89 0.00	24.18 0.92 0.00	23.93 0.89 0.00	26.13 1.08 0.00	26.20 1.24 0.00	31.94 1.45 0.00	30.61 1.57 -0.12	30.74 1.60 -0.24	30.02 1.53 -0.68	30.74 1.66 -0.24	32.93 1.83 -0.28	41.93 2.44 -0.52	54.54 3.32 -0.70	61.24 4.16 -0.10	36.13 2.47 -2.12	34.22 2.21 -1.59	42.13 2.49 -0.79	58.05 3.28 0.00	51.63 2.68 0.00	39.52 1.97 0.00	31.56 1.58 0.00
ROTTTRDAM_115KV_TB3 80664	29.68 1.08 0.00	23.92 0.86 0.00	21.09 0.70 0.00	21.14 0.74 0.00	24.05 0.80 0.00	23.80 0.75 0.00	25.93 0.87 0.00	25.90 0.94 0.00	31.60 1.12 0.00	29.93 1.12 0.12	29.87 1.08 0.10	28.41 1.02 0.43	29.72 1.14 0.26	31.74 1.22 0.29	40.07 1.63 0.54	51.88 2.09 0.72	59.61 2.73 0.10	36.06 1.65 -2.87	37.18 1.65 -5.11	43.55 2.02 -2.68	57.44 2.68 0.00	51.18 2.23 0.00	39.19 1.64 0.00	31.23 1.25 0.00
RUSSELL__1 23602	28.86 0.25 0.00	23.07 0.02 0.00	20.35 -0.04 0.00	20.26 -0.15 0.00	23.14 -0.11 0.00	23.09 0.05 0.00	25.27 0.21 0.00	24.95 -0.01 0.00	30.81 0.32 0.00	29.53 0.57 -0.03	29.98 0.36 -0.72	28.69 0.25 -0.63	29.02 0.18 0.00	31.01 0.18 0.00	38.76 -0.22 0.00	50.40 -0.24 -0.12	56.19 -0.79 0.00	31.25 -0.54 -0.24	29.96 -0.64 -0.18	38.19 -0.74 -0.09	54.09 -0.67 0.00	47.95 -1.00 0.00	36.90 -0.65 0.00	29.84 -0.14 0.00
RUSSELL__2 23532	28.86 0.25 0.00	23.07 0.02 0.00	20.35 -0.04 0.00	20.26 -0.15 0.00	23.14 -0.11 0.00	23.09 0.05 0.00	25.27 0.21 0.00	24.95 -0.01 0.00	30.81 0.32 0.00	29.53 0.57 -0.03	29.98 0.36 -0.72	28.69 0.25 -0.63	29.02 0.18 0.00	31.01 0.18 0.00	38.76 -0.22 0.00	50.40 -0.24 -0.12	56.19 -0.79 0.00	31.25 -0.54 -0.24	29.96 -0.64 -0.18	38.19 -0.74 -0.09	54.09 -0.67 0.00	47.95 -1.00 0.00	36.90 -0.65 0.00	29.84 -0.14 0.00
RUSSELL__3 23549	28.86 0.25 0.00	23.07 0.02 0.00	20.35 -0.04 0.00	20.26 -0.15 0.00	23.14 -0.11 0.00	23.09 0.05 0.00	25.27 0.21 0.00	24.95 -0.01 0.00	30.81 0.32 0.00	29.53 0.57 -0.03	29.98 0.36 -0.72	28.69 0.25 -0.63	29.02 0.18 0.00	31.01 0.18 0.00	38.76 -0.22 0.00	50.40 -0.24 -0.12	56.19 -0.79 0.00	31.25 -0.54 -0.24	29.96 -0.64 -0.18	38.19 -0.74 -0.09	54.09 -0.67 0.00	47.95 -1.00 0.00	36.90 -0.65 0.00	29.84 -0.14 0.00

RUSSELL___4 23556	28.86 0.25 0.00	23.07 0.02 0.00	20.35 -0.04 0.00	20.26 -0.15 0.00	23.14 -0.11 0.00	23.09 0.05 0.00	25.27 0.21 0.00	24.95 -0.01 0.00	30.81 0.32 0.00	29.53 0.57 -0.03	29.98 0.36 -0.72	28.69 0.25 -0.63	29.02 0.18 0.00	31.01 0.18 0.00	38.76 -0.22 0.00	50.40 -0.24 -0.12	56.19 -0.79 0.00	31.25 -0.54 -0.24	29.96 -0.64 -0.18	38.19 -0.74 -0.09	54.09 -0.67 0.00	47.95 -1.00 0.00	36.90 -0.65 0.00	29.84 -0.14 0.00
RUSSELL___STATION 23914	28.86 0.25 0.00	23.07 0.02 0.00	20.35 -0.04 0.00	20.26 -0.15 0.00	23.14 -0.11 0.00	23.09 0.05 0.00	25.27 0.21 0.00	24.95 -0.01 0.00	30.81 0.32 0.00	29.53 0.57 -0.03	29.98 0.36 -0.72	28.69 0.25 -0.63	29.02 0.18 0.00	31.01 0.18 0.00	38.76 -0.22 0.00	50.40 -0.24 -0.12	56.19 -0.79 0.00	31.25 -0.54 -0.24	29.96 -0.64 -0.18	38.19 -0.74 -0.09	54.09 -0.67 0.00	47.95 -1.00 0.00	36.90 -0.65 0.00	29.84 -0.14 0.00
S SALMON___HYD 24043	28.09 -0.52 0.00	22.72 -0.33 0.00	20.07 -0.33 0.00	20.07 -0.33 0.00	22.96 -0.29 0.00	22.75 -0.29 0.00	24.82 -0.23 0.00	24.75 -0.21 0.00	30.18 -0.30 0.00	28.64 -0.31 -0.02	29.08 -0.42 -0.60	27.86 -0.47 -0.52	28.27 -0.57 0.00	30.18 -0.64 0.00	38.20 -0.77 0.00	49.60 -1.02 -0.10	55.99 -1.00 0.00	31.31 -0.38 -0.15	30.04 -0.40 -0.01	38.41 -0.44 0.00	54.34 -0.43 0.00	48.46 -0.49 0.00	37.10 -0.45 0.00	29.60 -0.38 0.00
S.PERRY___115KV_TB1 80734	29.46 0.85 0.00	23.49 0.44 0.00	20.75 0.36 0.00	20.66 0.25 0.00	23.64 0.39 0.00	23.60 0.56 0.00	25.89 0.83 0.00	25.54 0.59 0.00	31.18 0.69 0.00	29.73 0.77 -0.03	30.04 0.49 -0.65	28.57 0.19 -0.56	28.95 0.11 0.00	30.64 -0.18 0.00	37.97 -1.01 0.00	49.43 -1.19 -0.11	55.61 -1.37 0.00	31.11 -0.77 -0.34	30.00 -0.68 -0.26	38.24 -0.73 -0.13	54.18 -0.59 0.00	47.97 -0.98 0.00	37.68 0.13 0.00	30.73 0.75 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.53 -0.08 0.00	22.72 -0.33 0.00	20.06 -0.33 0.00	19.91 -0.50 0.00	22.78 -0.47 0.00	22.76 -0.28 0.00	25.02 -0.03 0.00	24.55 -0.41 0.00	30.49 0.01 0.00	29.33 0.37 -0.03	29.62 0.04 -0.67	28.26 -0.14 -0.58	28.46 -0.38 0.00	30.40 -0.42 0.00	37.70 -1.28 0.00	48.95 -1.69 -0.11	54.09 -2.89 0.00	30.11 -1.75 -0.32	28.78 -1.88 -0.24	36.78 -2.19 -0.12	52.27 -2.50 0.00	46.26 -2.69 0.00	35.79 -1.76 0.00	29.27 -0.71 0.00
SAWYER___23_KV_LOAD 55526	28.53 -0.08 0.00	22.72 -0.33 0.00	20.06 -0.33 0.00	19.91 -0.50 0.00	22.78 -0.47 0.00	22.76 -0.28 0.00	25.02 -0.03 0.00	24.55 -0.41 0.00	30.49 0.01 0.00	29.33 0.37 -0.03	29.62 0.04 -0.67	28.26 -0.14 -0.58	28.46 -0.38 0.00	30.40 -0.42 0.00	37.70 -1.28 0.00	48.95 -1.69 -0.11	54.09 -2.89 0.00	30.11 -1.75 -0.32	28.78 -1.88 -0.24	36.78 -2.19 -0.12	52.27 -2.50 0.00	46.26 -2.69 0.00	35.79 -1.76 0.00	29.27 -0.71 0.00
SELKIRK___I 23801	29.49 0.88 0.00	23.82 0.76 0.00	21.00 0.61 0.00	21.08 0.68 0.00	23.97 0.72 0.00	23.70 0.66 0.00	25.79 0.74 0.00	25.73 0.77 0.00	31.39 0.91 0.00	29.69 0.85 0.09	29.66 0.82 0.06	28.31 0.77 0.27	29.56 0.91 0.20	31.57 0.97 0.22	39.89 1.32 0.40	51.59 1.61 0.54	59.07 2.17 0.08	35.55 1.34 -2.67	34.61 1.32 -2.86	41.93 1.62 -1.47	56.88 2.12 0.00	50.66 1.72 0.00	38.83 1.28 0.00	30.97 0.99 0.00
SELKIRK___II 23799	29.32 0.72 0.00	23.68 0.63 0.00	20.87 0.48 0.00	20.94 0.53 0.00	23.80 0.55 0.00	23.54 0.49 0.00	25.62 0.57 0.00	25.58 0.62 0.00	31.21 0.73 0.00	29.55 0.72 0.10	29.54 0.71 0.08	28.15 0.68 0.34	29.44 0.82 0.23	31.44 0.87 0.26	39.70 1.19 0.47	51.36 1.47 0.63	58.92 2.03 0.09	35.53 1.28 -2.71	34.64 1.23 -2.99	41.85 1.48 -1.53	56.67 1.90 0.00	50.47 1.52 0.00	38.66 1.12 0.00	30.84 0.86 0.00
SENECA OSWGO___HYD 24041	28.21 -0.39 0.00	22.68 -0.37 0.00	20.04 -0.35 0.00	20.02 -0.38 0.00	22.83 -0.42 0.00	22.68 -0.36 0.00	24.72 -0.34 0.00	24.57 -0.39 0.00	30.06 -0.42 0.00	28.64 -0.31 -0.03	29.16 -0.42 -0.67	27.95 -0.45 -0.58	28.31 -0.53 0.00	30.24 -0.58 0.00	38.23 -0.74 0.00	49.68 -0.96 -0.11	55.88 -1.10 0.00	31.16 -0.54 -0.17	29.84 -0.59 -0.01	38.07 -0.78 0.00	53.72 -1.05 0.00	47.89 -1.06 0.00	36.72 -0.83 0.00	29.36 -0.62 0.00
SENECA___115KV_TB3 355854	28.92 0.32 0.00	23.02 -0.04 0.00	20.33 -0.06 0.00	20.17 -0.23 0.00	23.08 -0.17 0.00	23.07 0.03 0.00	25.39 0.33 0.00	24.95 -0.01 0.00	31.00 0.52 0.00	29.82 0.86 -0.03	30.12 0.56 -0.66	28.72 0.34 -0.57	28.93 0.09 0.00	30.96 0.13 0.00	38.47 -0.51 0.00	49.95 -0.68 -0.12	55.22 -1.77 -0.01	30.76 -1.12 -0.34	29.37 -1.31 -0.26	37.47 -1.50 -0.13	53.24 -1.53 0.00	47.13 -1.82 -0.01	36.39 -1.16 0.00	29.67 -0.32 0.00
SENECA___ENERGY 23797	28.74 0.13 0.00	23.07 0.01 0.00	20.35 -0.04 0.00	20.32 -0.08 0.00	23.19 -0.06 0.00	23.08 0.04 0.00	25.34 0.29 0.00	25.19 0.23 0.00	30.83 0.35 0.00	29.42 0.46 -0.03	29.87 0.30 -0.67	28.57 0.18 -0.58	28.94 0.10 0.00	30.92 0.10 0.00	38.93 -0.04 0.00	50.76 0.13 -0.11	56.96 -0.02 0.00	31.81 0.01 -0.26	30.48 -0.13 -0.19	38.73 -0.21 -0.09	54.62 -0.15 0.00	48.52 -0.43 0.00	37.16 -0.39 0.00	29.81 -0.17 0.00
SHOEMAKER___GT 23640	29.88 1.27 0.00	24.05 0.99 0.00	21.18 0.79 0.00	21.19 0.79 0.00	24.07 0.82 0.00	23.84 0.80 0.00	26.01 0.95 0.00	26.04 1.08 0.00	31.76 1.28 0.00	30.42 1.38 -0.10	30.54 1.41 -0.23	29.18 1.33 -0.03	30.48 1.43 -0.21	32.63 1.56 -0.24	41.42 2.06 -0.39	53.99 2.86 -0.61	60.72 3.65 -0.08	35.62 2.20 -1.88	33.80 1.97 -1.42	41.76 2.21 -0.70	57.72 2.95 0.00	51.38 2.44 0.00	39.35 1.80 0.00	31.39 1.41 0.00
SHOEMAKR_138KV_BK 111 55601	29.87 1.26 0.00	24.03 0.98 0.00	21.17 0.77 0.00	21.17 0.77 0.00	24.05 0.80 0.00	23.82 0.78 0.00	26.00 0.95 0.00	26.04 1.08 0.00	31.77 1.28 0.00	30.42 1.39 -0.10	30.54 1.42 -0.22	29.21 1.34 -0.05	30.50 1.45 -0.21	32.65 1.58 -0.23	41.46 2.10 -0.38	54.03 2.91 -0.61	60.75 3.69 -0.08	35.62 2.21 -1.87	33.80 1.97 -1.40	41.76 2.21 -0.70	57.72 2.95 0.00	51.38 2.43 0.00	39.33 1.78 0.00	31.38 1.40 0.00
SHOREHAM_IC_1 23715	32.99 3.38 -1.00	27.60 2.73 -1.82	23.56 2.29 -0.87	22.62 2.21 0.00	25.68 2.43 0.00	25.34 2.30 0.00	27.64 2.58 0.00	27.69 2.73 0.00	33.96 3.47 0.00	32.61 3.55 -0.13	32.69 3.41 -0.38	43.41 3.31 -12.28	34.38 3.54 -2.00	35.91 3.82 -1.27	44.67 4.66 -1.03	57.59 6.29 -0.78	216.36 7.79 -151.60	315.94 4.26 -280.14	151.38 3.91 -117.05	69.93 4.88 -26.20	61.00 6.22 -0.01	53.83 4.88 0.00	41.49 3.95 0.00	34.76 3.49 -1.29
SHOREHAM_IC_2 23716	32.99 3.38 -1.00	27.60 2.73 -1.82	23.56 2.29 -0.87	22.62 2.21 0.00	25.68 2.43 0.00	25.34 2.30 0.00	27.64 2.58 0.00	27.69 2.73 0.00	33.96 3.47 0.00	32.61 3.55 -0.13	32.69 3.41 -0.38	43.41 3.31 -12.28	34.38 3.54 -2.00	35.91 3.82 -1.27	44.67 4.66 -1.03	57.59 6.29 -0.78	216.36 7.79 -151.60	315.94 4.26 -280.14	151.38 3.91 -117.05	69.93 4.88 -26.20	61.00 6.22 -0.01	53.83 4.88 0.00	41.49 3.95 0.00	34.76 3.49 -1.29

SISSONVILLE____ 23735	27.36 -1.25 0.00	22.13 -0.93 0.00	19.65 -0.74 0.00	19.82 -0.60 0.00	22.67 -0.58 0.00	22.32 -0.72 0.00	24.21 -0.84 0.00	24.14 -0.82 0.00	29.37 -1.11 0.00	27.60 -1.34 0.00	27.79 -1.22 -0.11	26.87 -1.04 -0.09	27.76 -1.09 0.00	29.60 -1.23 0.00	37.52 -1.45 0.00	48.63 -1.91 -0.02	54.73 -2.25 0.00	30.18 -1.36 0.00	29.27 -1.15 0.00	37.62 -1.23 0.00	53.35 -1.42 0.00	47.90 -1.05 0.00	36.75 -0.80 0.00	29.19 -0.79 0.00
SITHE_IND_GS1 24169	27.85 -0.76 0.00	22.40 -0.65 0.00	19.80 -0.59 0.00	19.80 -0.62 0.00	22.56 -0.69 0.00	22.40 -0.64 0.00	24.38 -0.67 0.00	24.21 -0.75 0.00	29.60 -0.88 0.00	27.99 -0.79 0.15	24.18 -0.86 3.86	23.62 -0.85 3.34	27.92 -0.92 0.00	29.85 -0.97 0.00	37.68 -1.29 0.00	48.21 -1.66 0.65	55.05 -1.93 0.00	30.62 -1.05 -0.13	29.37 -1.06 -0.01	37.49 -1.36 0.00	52.88 -1.89 0.00	47.17 -1.77 0.00	36.19 -1.36 0.00	28.96 -1.02 0.00
SITHE_IND_GS2 24170	27.85 -0.76 0.00	22.40 -0.65 0.00	19.80 -0.59 0.00	19.80 -0.62 0.00	22.56 -0.69 0.00	22.40 -0.64 0.00	24.38 -0.67 0.00	24.21 -0.75 0.00	29.60 -0.88 0.00	27.99 -0.79 0.15	24.18 -0.86 3.86	23.62 -0.85 3.34	27.92 -0.92 0.00	29.85 -0.97 0.00	37.68 -1.29 0.00	48.21 -1.66 0.65	55.05 -1.93 0.00	30.62 -1.05 -0.13	29.37 -1.06 -0.01	37.49 -1.36 0.00	52.88 -1.89 0.00	47.17 -1.77 0.00	36.19 -1.36 0.00	28.96 -1.02 0.00
SITHE_IND_GS3 24171	27.85 -0.76 0.00	22.40 -0.65 0.00	19.80 -0.59 0.00	19.80 -0.62 0.00	22.56 -0.69 0.00	22.40 -0.64 0.00	24.38 -0.67 0.00	24.21 -0.75 0.00	29.60 -0.88 0.00	27.99 -0.79 0.15	24.18 -0.86 3.86	23.62 -0.85 3.34	27.92 -0.92 0.00	29.85 -0.97 0.00	37.68 -1.29 0.00	48.21 -1.66 0.65	55.05 -1.93 0.00	30.62 -1.05 -0.13	29.37 -1.06 -0.01	37.49 -1.36 0.00	52.88 -1.89 0.00	47.17 -1.77 0.00	36.19 -1.36 0.00	28.96 -1.02 0.00
SITHE_IND_GS4 24172	27.85 -0.76 0.00	22.40 -0.65 0.00	19.80 -0.59 0.00	19.80 -0.62 0.00	22.56 -0.69 0.00	22.40 -0.64 0.00	24.38 -0.67 0.00	24.21 -0.75 0.00	29.60 -0.88 0.00	27.99 -0.79 0.15	24.18 -0.86 3.86	23.62 -0.85 3.34	27.92 -0.92 0.00	29.85 -0.97 0.00	37.68 -1.29 0.00	48.21 -1.66 0.65	55.05 -1.93 0.00	30.62 -1.05 -0.13	29.37 -1.06 -0.01	37.49 -1.36 0.00	52.88 -1.89 0.00	47.17 -1.77 0.00	36.19 -1.36 0.00	28.96 -1.02 0.00
SITHE____BATAVIA 24024	29.11 0.50 0.00	23.23 0.17 0.00	20.50 0.10 0.00	20.35 -0.06 0.00	23.29 0.04 0.00	23.29 0.25 0.00	25.60 0.55 0.00	25.18 0.22 0.00	31.18 0.69 0.00	29.88 0.92 -0.03	30.22 0.63 -0.70	28.93 0.51 -0.60	29.20 0.36 0.00	31.21 0.38 0.00	38.75 -0.22 0.00	50.50 -0.14 -0.12	56.09 -0.89 -0.01	31.22 -0.61 -0.29	29.89 -0.74 -0.21	38.13 -0.83 -0.10	54.17 -0.60 0.00	47.88 -1.07 -0.01	36.95 -0.60 0.00	30.07 0.09 0.00
SITHE____INDEPEND 23800	27.85 -0.76 0.00	22.40 -0.65 0.00	19.80 -0.59 0.00	19.80 -0.62 0.00	22.56 -0.69 0.00	22.40 -0.65 0.00	24.38 -0.67 0.00	24.21 -0.75 0.00	29.60 -0.89 0.00	27.99 -0.79 0.15	24.18 -0.86 3.86	23.62 -0.85 3.34	27.92 -0.92 0.00	29.85 -0.97 0.00	37.68 -1.29 0.00	48.21 -1.66 0.65	55.05 -1.93 0.00	30.62 -1.05 -0.13	29.37 -1.06 -0.01	37.49 -1.36 0.00	52.88 -1.89 0.00	47.17 -1.78 0.00	36.19 -1.36 0.00	28.96 -1.02 0.00
SITHE____MASSENA 23902	28.28 -0.33 0.00	22.84 -0.22 0.00	20.25 -0.14 0.00	20.37 -0.04 0.00	23.28 0.03 0.00	22.93 -0.11 0.00	24.88 -0.18 0.00	24.78 -0.18 0.00	30.21 -0.28 0.00	28.43 -0.50 0.00	28.53 -0.37 0.00	27.56 -0.26 0.00	28.54 -0.30 0.00	30.43 -0.40 0.00	38.52 -0.46 0.00	49.88 -0.63 0.00	56.11 -0.87 0.00	30.89 -0.64 0.00	29.93 -0.49 0.00	38.42 -0.43 0.00	54.39 -0.38 0.00	48.85 -0.10 0.00	37.53 -0.02 0.00	29.89 -0.09 0.00
SITHE____OGDNSBRG 24021	28.29 -0.32 0.00	22.84 -0.22 0.00	20.26 -0.13 0.00	20.41 0.00 0.00	23.36 0.11 0.00	23.01 -0.03 0.00	25.00 -0.06 0.00	24.88 -0.08 0.00	30.27 -0.21 0.00	28.48 -0.45 0.00	28.67 -0.31 -0.08	27.72 -0.17 -0.07	28.64 -0.20 0.00	30.57 -0.25 0.00	38.67 -0.30 0.00	50.12 -0.40 -0.01	56.33 -0.65 0.00	31.03 -0.51 0.00	30.09 -0.33 0.00	38.73 -0.12 0.00	54.96 0.19 0.00	49.36 0.41 0.00	37.86 0.31 0.00	30.07 0.08 0.00
SITHE____STERLING 23777	29.17 0.56 0.00	23.43 0.37 0.00	20.72 0.32 0.00	20.72 0.31 0.00	23.64 0.38 0.00	23.49 0.45 0.00	25.73 0.68 0.00	25.63 0.67 0.00	31.38 0.90 0.00	29.82 0.87 -0.01	30.07 0.82 -0.35	28.83 0.71 -0.31	29.54 0.70 0.00	31.65 0.82 0.00	40.07 1.10 0.00	52.00 1.42 -0.06	58.65 1.67 0.00	32.69 1.03 -0.12	31.44 1.01 -0.01	40.15 1.30 0.00	56.66 1.89 0.00	50.41 1.46 0.00	38.53 0.98 0.00	30.70 0.72 0.00
SLEIGHT__34_KV_TB1 80719	29.19 0.58 0.00	23.42 0.37 0.00	20.67 0.28 0.00	20.66 0.24 0.00	23.56 0.30 0.00	23.42 0.38 0.00	25.77 0.71 0.00	25.60 0.64 0.00	31.44 0.96 0.00	29.96 1.01 -0.03	30.63 1.04 -0.69	29.23 0.82 -0.59	29.78 0.95 0.00	31.83 1.01 0.00	40.08 1.11 0.00	52.05 1.42 -0.12	58.37 1.39 0.00	32.52 0.74 -0.24	31.20 0.60 -0.17	39.64 0.71 -0.09	55.93 1.16 0.00	49.62 0.68 0.00	37.97 0.42 0.00	30.45 0.47 0.00
SOUTH CAIRO____GT 23612	30.24 1.63 0.00	24.41 1.35 0.00	21.50 1.11 0.00	21.60 1.19 0.00	24.56 1.31 0.00	24.30 1.26 0.00	26.47 1.42 0.00	26.40 1.44 0.00	32.19 1.70 0.00	30.25 1.38 0.06	30.14 1.26 0.02	28.98 1.32 0.16	30.26 1.57 0.14	32.41 1.75 0.16	41.09 2.40 0.29	53.17 3.03 0.39	60.74 3.82 0.06	36.51 2.42 -2.55	35.72 2.60 -2.70	43.65 3.42 -1.38	59.44 4.67 0.00	52.76 3.82 0.00	40.26 2.71 0.00	32.00 2.02 0.00
SOUTH HAMPTN____IC 23720	33.57 3.96 -1.00	28.05 3.18 -1.82	23.94 2.68 -0.87	22.99 2.59 0.00	26.11 2.86 0.00	25.77 2.73 0.00	28.06 3.01 0.00	28.14 3.18 0.00	34.58 4.09 0.00	33.27 4.21 -0.13	33.41 4.13 -0.38	44.07 3.97 -12.28	35.05 4.21 -2.00	36.64 4.55 -1.26	45.65 5.66 -1.02	58.87 7.58 -0.78	216.22 9.20 -150.04	315.41 5.17 -278.71	150.79 4.80 -115.57	70.81 5.75 -26.21	62.16 7.38 -0.01	54.75 5.80 0.00	42.28 4.73 0.00	35.36 4.09 -1.29
SOUTHDOW_115KV_TB1 355954	29.66 1.06 0.00	23.52 0.46 0.00	20.80 0.40 0.00	20.65 0.24 0.00	23.66 0.41 0.00	23.66 0.62 0.00	26.07 1.01 0.00	25.79 0.83 0.00	32.11 1.63 0.00	30.92 1.96 -0.03	31.22 1.67 -0.64	29.68 1.31 -0.56	29.89 1.06 0.00	32.11 1.29 0.00	40.05 1.08 0.00	52.07 1.44 -0.11	57.51 0.53 0.00	31.94 0.05 -0.35	30.34 -0.35 -0.27	38.71 -0.28 -0.13	55.02 0.25 0.00	48.75 -0.20 0.00	37.37 -0.17 0.00	30.19 0.21 0.00
SOUTHOLD_69_KV_BK 2 55809	34.30 4.70 -1.00	28.61 3.74 -1.82	24.41 3.15 -0.87	23.47 3.06 0.00	26.69 3.44 0.00	26.30 3.26 0.00	28.63 3.57 0.00	28.72 3.76 0.00	35.37 4.89 0.00	34.11 5.05 -0.13	34.28 5.00 -0.38	44.43 4.34 -12.28	35.32 4.48 -2.00	36.98 4.90 -1.26	46.14 6.15 -1.02	59.55 8.26 -0.78	216.94 9.96 -150.00	315.75 5.60 -278.61	151.18 5.20 -115.56	71.27 6.22 -26.20	62.77 7.99 -0.01	55.15 6.20 0.00	43.19 5.65 0.00	36.15 4.89 -1.28

SOUTHOLD___IC 23719	34.30 4.70 -1.00	28.61 3.74 -1.82	24.41 3.15 -0.87	23.47 3.06 0.00	26.66 3.41 0.00	26.30 3.26 0.00	28.63 3.58 0.00	28.72 3.76 0.00	35.37 4.88 0.00	34.11 5.05 -0.13	34.28 5.00 -0.38	44.43 4.34 -12.28	35.32 4.48 -2.00	36.98 4.90 -1.26	46.14 6.15 -1.02	59.55 8.26 -0.78	216.94 9.96 -150.00	315.75 5.60 -278.61	151.18 5.20 -115.57	71.27 6.22 -26.20	62.77 7.99 -0.01	55.15 6.20 0.00	43.20 5.65 0.00	36.16 4.89 -1.29
SPIERFLS_115KV_TB 1 80737	29.77 1.17 0.00	23.93 0.88 0.00	21.12 0.73 0.00	21.20 0.79 0.00	24.18 0.94 0.00	23.88 0.84 0.00	25.83 0.78 0.00	25.83 0.87 0.00	31.52 1.04 0.00	29.89 1.11 0.15	29.92 1.15 0.14	28.42 1.16 0.56	29.86 1.33 0.31	31.69 1.23 0.36	40.02 1.71 0.66	51.93 2.30 0.88	60.09 3.24 0.12	36.18 1.81 -2.83	37.49 2.20 -4.87	44.20 2.80 -2.55	58.46 3.70 0.00	51.96 3.02 0.00	39.64 2.09 0.00	31.44 1.46 0.00
ST LAWRENCE____ 23600	28.10 -0.51 0.00	22.69 -0.36 0.00	20.13 -0.27 0.00	20.17 -0.23 0.00	23.04 -0.21 0.00	22.77 -0.27 0.00	24.68 -0.38 0.00	24.58 -0.38 0.00	29.96 -0.52 0.00	28.23 -0.71 0.00	28.33 -0.57 0.00	27.36 -0.45 0.00	28.33 -0.52 0.00	30.24 -0.59 0.00	38.22 -0.76 0.00	49.48 -1.04 0.00	55.68 -1.30 0.00	30.65 -0.89 0.00	29.69 -0.73 0.00	38.09 -0.76 0.00	53.90 -0.87 0.00	48.43 -0.52 0.00	37.22 -0.32 0.00	29.65 -0.33 0.00
STATE_CA_115KV_115_LB 55624	29.32 0.71 0.00	23.68 0.63 0.00	20.88 0.48 0.00	20.96 0.55 0.00	23.81 0.56 0.00	23.55 0.51 0.00	25.63 0.58 0.00	25.59 0.63 0.00	31.27 0.78 0.00	29.56 0.77 0.14	29.55 0.78 0.13	28.04 0.75 0.52	29.46 0.92 0.30	31.47 0.99 0.34	39.69 1.34 0.63	51.34 1.67 0.84	59.20 2.34 0.12	35.75 1.45 -2.76	35.60 1.40 -3.78	42.49 1.68 -1.96	56.92 2.16 0.00	50.65 1.70 0.00	38.77 1.23 0.00	30.90 0.92 0.00
STATE_ST_34_KV_LOAD 55959	29.11 0.50 0.00	23.47 0.42 0.00	20.76 0.36 0.00	20.77 0.36 0.00	23.67 0.42 0.00	23.47 0.42 0.00	25.63 0.58 0.00	25.44 0.48 0.00	31.13 0.65 0.00	29.55 0.59 -0.03	30.10 0.54 -0.66	28.77 0.39 -0.57	29.27 0.44 0.00	31.21 0.39 0.00	39.46 0.48 0.00	51.49 0.86 -0.11	57.84 0.86 0.00	32.28 0.49 -0.25	31.03 0.42 -0.19	39.42 0.48 -0.09	55.57 0.80 0.00	49.35 0.40 0.00	37.80 0.25 0.00	30.29 0.31 0.00
STATION 5_MISC_HYD 23604	28.71 0.10 0.00	22.95 -0.10 0.00	20.25 -0.14 0.00	20.16 -0.25 0.00	23.03 -0.22 0.00	22.98 -0.06 0.00	25.15 0.10 0.00	24.83 -0.13 0.00	30.67 0.19 0.00	29.37 0.41 -0.03	29.82 0.19 -0.72	28.54 0.10 -0.63	28.85 0.01 0.00	30.81 -0.01 0.00	38.51 -0.46 0.00	50.07 -0.57 -0.12	55.81 -1.17 0.00	31.04 -0.75 -0.24	29.76 -0.84 -0.18	37.94 -0.99 -0.09	53.74 -1.03 0.00	47.65 -1.29 0.00	36.68 -0.87 0.00	29.68 -0.31 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.83 0.22 0.00	23.07 0.02 0.00	20.36 -0.03 0.00	20.29 -0.12 0.00	23.17 -0.08 0.00	23.10 0.06 0.00	25.34 0.29 0.00	25.13 0.17 0.00	30.92 0.43 0.00	29.56 0.60 -0.03	30.03 0.42 -0.71	28.75 0.32 -0.61	29.09 0.25 0.00	31.10 0.27 0.00	39.03 0.05 0.00	50.81 0.18 -0.12	56.82 -0.16 0.00	31.65 -0.14 -0.24	30.34 -0.25 -0.17	38.63 -0.30 -0.09	54.59 -0.19 0.00	48.41 -0.54 0.00	37.16 -0.39 0.00	29.90 -0.08 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.49 -0.12 0.00	22.78 -0.27 0.00	20.11 -0.28 0.00	20.02 -0.39 0.00	22.86 -0.39 0.00	22.81 -0.23 0.00	24.97 -0.08 0.00	24.68 -0.28 0.00	30.45 -0.03 0.00	29.17 0.21 -0.03	29.65 0.02 -0.73	28.39 -0.06 -0.63	28.70 -0.14 0.00	30.65 -0.17 0.00	38.34 -0.63 0.00	49.86 -0.78 -0.12	55.60 -1.38 0.00	30.92 -0.86 -0.24	29.65 -0.94 -0.17	37.80 -1.14 -0.09	53.49 -1.28 0.00	47.44 -1.51 0.00	36.49 -1.06 0.00	29.49 -0.49 0.00
STA_56___34_KV_BUS2 355983	28.49 -0.12 0.00	22.78 -0.27 0.00	20.11 -0.28 0.00	20.02 -0.39 0.00	22.86 -0.39 0.00	22.81 -0.23 0.00	24.97 -0.08 0.00	24.68 -0.28 0.00	30.45 -0.03 0.00	29.17 0.21 -0.03	29.65 0.02 -0.73	28.39 -0.06 -0.63	28.70 -0.14 0.00	30.65 -0.17 0.00	38.34 -0.63 0.00	49.86 -0.78 -0.12	55.60 -1.38 0.00	30.92 -0.86 -0.24	29.65 -0.94 -0.17	37.80 -1.14 -0.09	53.49 -1.28 0.00	47.44 -1.51 0.00	36.49 -1.06 0.00	29.49 -0.49 0.00
STA_67___115KV_BK2 355882	28.64 0.03 0.00	22.90 -0.15 0.00	20.21 -0.18 0.00	20.11 -0.29 0.00	22.98 -0.27 0.00	22.93 -0.12 0.00	25.10 0.05 0.00	24.78 -0.18 0.00	30.58 0.09 0.00	29.30 0.34 -0.03	29.75 0.12 -0.72	28.46 0.02 -0.63	28.76 -0.08 0.00	30.72 -0.10 0.00	38.40 -0.58 0.00	49.92 -0.72 -0.12	55.63 -1.35 0.00	30.95 -0.84 -0.24	29.67 -0.92 -0.18	37.84 -1.10 -0.09	53.59 -1.18 0.00	47.52 -1.42 0.00	36.58 -0.96 0.00	29.61 -0.38 0.00
STA_7___115KV_9TRANS 80674	28.86 0.25 0.00	23.07 0.02 0.00	20.35 -0.04 0.00	20.26 -0.15 0.00	23.14 -0.11 0.00	23.09 0.05 0.00	25.27 0.21 0.00	24.95 -0.01 0.00	30.81 0.32 0.00	29.53 0.57 -0.03	29.98 0.36 -0.72	28.69 0.25 -0.63	29.02 0.18 0.00	31.01 0.18 0.00	38.76 -0.22 0.00	50.40 -0.24 -0.12	56.19 -0.79 0.00	31.25 -0.54 -0.24	29.96 -0.64 -0.18	38.19 -0.74 -0.09	54.09 -0.67 0.00	47.95 -1.00 0.00	36.90 -0.65 0.00	29.84 -0.14 0.00
STA_82___115KV_TB1 80780	28.66 0.06 0.00	22.92 -0.13 0.00	20.23 -0.16 0.00	20.13 -0.28 0.00	22.99 -0.26 0.00	22.94 -0.10 0.00	25.11 0.06 0.00	24.80 -0.16 0.00	30.60 0.11 0.00	29.32 0.36 -0.03	29.76 0.13 -0.72	28.48 0.04 -0.63	28.79 -0.05 0.00	30.74 -0.08 0.00	38.42 -0.56 0.00	49.94 -0.69 -0.12	55.68 -1.30 0.00	30.96 -0.82 -0.25	29.68 -0.91 -0.18	37.86 -1.07 -0.09	53.63 -1.14 0.00	47.56 -1.39 0.00	36.62 -0.94 0.00	29.63 -0.35 0.00
STEEL___WIND 323596	28.90 0.29 0.00	23.00 -0.06 0.00	20.32 -0.08 0.00	20.16 -0.25 0.00	23.08 -0.17 0.00	23.05 0.01 0.00	25.39 0.33 0.00	24.94 -0.02 0.00	31.02 0.53 0.00	29.79 0.83 -0.03	30.08 0.52 -0.66	28.70 0.31 -0.57	28.90 0.06 0.00	30.93 0.11 0.00	38.43 -0.54 0.00	49.89 -0.75 -0.12	55.17 -1.82 -0.01	30.73 -1.14 -0.34	29.34 -1.34 -0.26	37.44 -1.54 -0.13	53.18 -1.59 0.00	47.08 -1.87 -0.01	36.35 -1.20 0.00	29.65 -0.33 0.00
STEPHTWN_115KV_BK_2 55603	29.52 0.91 0.00	23.74 0.69 0.00	20.92 0.53 0.00	21.00 0.60 0.00	23.92 0.67 0.00	23.62 0.57 0.00	25.81 0.75 0.00	25.71 0.75 0.00	31.46 0.98 0.00	29.70 0.91 0.14	29.76 0.98 0.12	28.24 0.92 0.50	29.65 1.11 0.29	31.73 1.24 0.33	39.99 1.62 0.61	51.74 2.05 0.82	59.81 2.95 0.12	35.96 1.70 -2.72	35.43 1.67 -3.34	42.52 1.95 -1.72	57.45 2.69 0.00	51.07 2.12 0.00	39.03 1.48 0.00	31.06 1.08 0.00
STEUBEN_REC_LFGE 323667	29.60 0.99 0.00	23.58 0.52 0.00	20.81 0.41 0.00	20.72 0.30 0.00	23.73 0.48 0.00	23.70 0.66 0.00	26.11 1.05 0.00	25.84 0.88 0.00	31.88 1.40 0.00	30.58 1.63 -0.02	30.77 1.29 -0.58	29.35 1.03 -0.50	29.65 0.81 0.00	31.75 0.93 0.00	39.66 0.69 0.00	51.74 1.13 -0.10	57.84 0.86 0.00	32.39 0.42 -0.43	30.77 0.01 -0.34	38.88 -0.14 -0.17	55.00 0.23 0.00	48.65 -0.30 0.00	37.54 -0.01 0.00	30.37 0.39 0.00

STONY___BROOK 24151	32.72 3.11 -1.00	27.39 2.52 -1.82	23.37 2.11 -0.87	22.45 2.05 0.00	25.49 2.24 0.00	25.16 2.12 0.00	27.39 2.34 0.00	27.45 2.49 0.00	33.67 3.19 0.00	32.32 3.26 -0.13	32.39 3.10 -0.39	43.69 3.06 -12.81	34.17 3.32 -2.01	35.71 3.56 -1.32	44.40 4.30 -1.13	56.89 5.59 -0.78	232.80 6.99 -168.84	338.48 3.94 -302.99	163.66 3.63 -129.61	70.82 4.25 -27.72	60.10 5.33 -0.01	53.15 4.21 0.00	41.06 3.51 0.00	34.42 3.16 -1.29
STURGEON_POOL_HYD 23609	30.20 1.59 0.00	24.27 1.21 0.00	21.34 0.95 0.00	21.32 0.92 0.00	24.19 0.94 0.00	23.97 0.93 0.00	26.24 1.18 0.00	26.40 1.44 0.00	32.20 1.71 0.00	30.84 1.86 -0.05	30.99 1.94 -0.15	30.02 1.89 -0.31	30.93 2.00 -0.10	33.15 2.22 -0.11	42.13 2.95 -0.21	54.86 4.04 -0.29	62.01 4.99 -0.04	36.68 2.95 -2.19	34.84 2.59 -1.83	42.67 2.91 -0.92	58.62 3.85 0.00	52.11 3.16 0.00	39.89 2.34 0.00	31.84 1.86 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.00 1.39 0.00	24.12 1.06 0.00	21.22 0.83 0.00	21.22 0.82 0.00	24.10 0.85 0.00	23.86 0.82 0.00	26.11 1.06 0.00	26.19 1.22 0.00	31.95 1.47 0.00	30.63 1.59 -0.11	30.77 1.64 -0.23	29.32 1.56 0.05	30.76 1.69 -0.22	32.95 1.87 -0.25	41.86 2.48 -0.40	54.60 3.44 -0.65	61.39 4.32 -0.09	36.03 2.55 -1.94	34.14 2.26 -1.46	42.09 2.52 -0.72	58.11 3.34 0.00	51.69 2.75 0.00	39.54 1.99 0.00	31.55 1.57 0.00
SWANROAD_115KV_TB1 355699	27.93 -0.68 0.00	22.34 -0.71 0.00	19.73 -0.67 0.00	19.58 -0.83 0.00	22.39 -0.86 0.00	22.38 -0.66 0.00	24.56 -0.50 0.00	23.93 -1.03 0.00	29.72 -0.76 0.00	28.61 -0.35 -0.03	28.90 -0.69 -0.68	27.59 -0.81 -0.59	27.79 -1.06 0.00	29.61 -1.21 0.00	36.70 -2.28 0.00	47.63 -3.00 -0.11	52.57 -4.41 0.00	29.29 -2.55 -0.31	28.02 -2.63 -0.23	35.82 -3.14 -0.11	50.93 -3.84 0.00	45.01 -3.93 0.00	34.95 -2.59 0.00	28.69 -1.29 0.00
SYNERGY___BIOGAS 323694	29.11 0.50 0.00	23.23 0.17 0.00	20.50 0.10 0.00	20.35 -0.06 0.00	23.29 0.04 0.00	23.29 0.25 0.00	25.60 0.55 0.00	25.18 0.22 0.00	31.18 0.69 0.00	29.88 0.92 -0.03	30.22 0.63 -0.70	28.93 0.51 -0.60	29.20 0.36 0.00	31.21 0.38 0.00	38.75 -0.22 0.00	50.50 -0.14 -0.12	56.09 -0.89 -0.01	31.22 -0.61 -0.29	29.89 -0.74 -0.21	38.13 -0.83 -0.10	54.17 -0.60 0.00	47.88 -1.07 -0.01	36.95 -0.60 0.00	30.07 0.09 0.00
SYRACUSE___ENERGY_ST1 323597	28.66 0.06 0.00	23.02 -0.03 0.00	20.33 -0.06 0.00	20.32 -0.09 0.00	23.18 -0.07 0.00	23.01 -0.03 0.00	25.18 0.13 0.00	25.02 0.06 0.00	30.60 0.12 0.00	29.13 0.17 -0.03	29.68 0.10 -0.68	28.46 0.06 -0.59	28.85 0.01 0.00	30.86 0.04 0.00	38.96 -0.01 0.00	50.66 0.03 -0.11	56.95 -0.03 0.00	31.78 0.03 -0.21	30.51 -0.05 -0.14	38.80 -0.11 -0.07	54.64 -0.13 0.00	48.66 -0.29 0.00	37.28 -0.27 0.00	29.83 -0.15 0.00
SYRACUSE___ENERGY_ST2 323598	28.66 0.06 0.00	23.02 -0.03 0.00	20.33 -0.06 0.00	20.32 -0.09 0.00	23.18 -0.07 0.00	23.01 -0.03 0.00	25.18 0.13 0.00	25.02 0.06 0.00	30.60 0.12 0.00	29.13 0.17 -0.03	29.68 0.10 -0.68	28.46 0.06 -0.59	28.85 0.01 0.00	30.86 0.04 0.00	38.96 -0.01 0.00	50.66 0.03 -0.11	56.95 -0.03 0.00	31.78 0.03 -0.21	30.51 -0.05 -0.14	38.80 -0.11 -0.07	54.64 -0.13 0.00	48.66 -0.29 0.00	37.28 -0.27 0.00	29.83 -0.15 0.00
SYRACUSE___POWER 24017	28.65 0.05 0.00	23.01 -0.04 0.00	20.33 -0.06 0.00	20.30 -0.10 0.00	23.15 -0.10 0.00	23.01 -0.04 0.00	25.13 0.08 0.00	24.99 0.03 0.00	30.59 0.10 0.00	29.11 0.15 -0.03	29.64 0.07 -0.66	28.42 0.04 -0.57	28.81 -0.03 0.00	30.83 0.01 0.00	38.93 -0.05 0.00	50.60 -0.03 -0.11	56.88 -0.10 0.00	31.75 0.00 -0.22	30.48 -0.09 -0.15	38.76 -0.16 -0.07	54.58 -0.19 0.00	48.60 -0.35 0.00	37.23 -0.32 0.00	29.79 -0.20 0.00
TALLMAN___138KV_BK151 55660	30.18 1.57 0.00	24.26 1.20 0.00	21.34 0.95 0.00	21.35 0.95 0.00	24.23 0.98 0.00	23.99 0.95 0.00	26.24 1.18 0.00	26.33 1.37 0.00	32.11 1.63 0.00	30.82 1.78 -0.12	30.98 1.84 -0.24	29.32 1.76 0.26	30.98 1.90 -0.24	33.22 2.12 -0.27	42.19 2.81 -0.41	55.11 3.90 -0.69	61.94 4.87 -0.10	36.40 2.85 -2.01	34.43 2.50 -1.51	42.35 2.75 -0.75	58.43 3.66 0.00	51.97 3.02 0.00	39.73 2.18 0.00	31.71 1.72 0.00
TEALLAVE_115KV_TB7 355573	28.49 -0.12 0.00	22.88 -0.17 0.00	20.21 -0.18 0.00	20.20 -0.21 0.00	23.03 -0.22 0.00	22.88 -0.16 0.00	24.98 -0.07 0.00	24.83 -0.13 0.00	30.40 -0.08 0.00	28.93 -0.03 -0.03	29.46 -0.10 -0.67	28.27 -0.12 -0.57	28.64 -0.20 0.00	30.64 -0.19 0.00	38.67 -0.31 0.00	50.26 -0.37 -0.11	56.49 -0.50 0.00	31.47 -0.25 -0.18	30.11 -0.32 -0.01	38.40 -0.45 0.00	54.17 -0.60 0.00	48.24 -0.71 0.00	36.97 -0.58 0.00	29.59 -0.39 0.00
TELGRAPH_34_KV_EAST 80808	28.60 -0.01 0.00	22.83 -0.22 0.00	20.15 -0.24 0.00	20.00 -0.40 0.00	22.88 -0.37 0.00	22.87 -0.17 0.00	25.13 0.08 0.00	24.62 -0.34 0.00	30.54 0.06 0.00	29.37 0.41 -0.03	29.70 0.10 -0.69	28.36 -0.05 -0.60	28.61 -0.24 0.00	30.53 -0.29 0.00	37.88 -1.09 0.00	49.23 -1.41 -0.12	54.47 -2.51 -0.01	30.31 -1.52 -0.30	29.02 -1.62 -0.22	37.06 -1.89 -0.11	52.67 -2.10 0.00	46.56 -2.39 -0.01	36.02 -1.52 0.00	29.46 -0.52 0.00
TEMPLE___115KV_TB 2 55572	28.52 -0.09 0.00	22.90 -0.15 0.00	20.23 -0.16 0.00	20.21 -0.19 0.00	23.05 -0.20 0.00	22.90 -0.14 0.00	25.00 -0.06 0.00	24.85 -0.11 0.00	30.42 -0.06 0.00	28.96 0.01 -0.03	29.50 -0.08 -0.67	28.30 -0.09 -0.58	28.67 -0.17 0.00	30.67 -0.15 0.00	38.71 -0.27 0.00	50.31 -0.32 -0.11	56.54 -0.44 0.00	31.51 -0.21 -0.18	30.14 -0.29 -0.01	38.43 -0.42 0.00	54.20 -0.57 0.00	48.27 -0.68 0.00	36.99 -0.56 0.00	29.61 -0.37 0.00
TIANA___69_KV_BK 1 55817	33.38 3.77 -1.00	27.89 3.02 -1.82	23.80 2.54 -0.87	22.86 2.45 0.00	25.98 2.73 0.00	25.62 2.58 0.00	27.93 2.88 0.00	28.00 3.04 0.00	34.39 3.91 0.00	33.08 4.02 -0.13	33.19 3.91 -0.38	43.87 3.77 -12.28	34.86 4.02 -2.00	36.42 4.34 -1.26	45.36 5.37 -1.02	58.52 7.22 -0.78	215.82 8.83 -150.01	315.12 4.95 -278.63	150.58 4.59 -115.57	70.56 5.51 -26.20	61.83 7.06 -0.01	54.49 5.54 0.00	42.05 4.50 0.00	35.19 3.92 -1.28
TILDEN___115KV_TB1 80814	28.65 0.05 0.00	23.01 -0.04 0.00	20.33 -0.06 0.00	20.30 -0.10 0.00	23.15 -0.10 0.00	23.01 -0.04 0.00	25.13 0.08 0.00	24.99 0.03 0.00	30.59 0.10 0.00	29.11 0.15 -0.03	29.64 0.07 -0.66	28.42 0.04 -0.57	28.81 -0.03 0.00	30.83 0.01 0.00	38.93 -0.05 0.00	50.60 -0.03 -0.11	56.88 -0.10 0.00	31.75 0.00 -0.22	30.48 -0.09 -0.15	38.76 -0.16 -0.07	54.58 -0.19 0.00	48.60 -0.35 0.00	37.23 -0.32 0.00	29.79 -0.20 0.00
TRIGEN___CC 323695	31.93 2.32 -0.99	26.70 1.84 -1.81	22.77 1.51 -0.87	21.89 1.48 0.00	24.85 1.60 0.00	24.54 1.50 0.00	26.81 1.76 0.00	26.88 1.92 0.00	32.84 2.35 0.00	31.48 2.42 -0.13	31.55 2.40 -0.26	33.53 2.37 -3.34	33.32 2.53 -1.95	34.57 2.74 -1.00	43.12 3.49 -0.66	56.02 4.73 -0.78	65.93 5.87 -3.08	64.49 3.39 -29.56	72.00 3.09 -38.49	43.19 3.55 -0.79	59.32 4.55 0.00	52.66 3.72 0.00	40.45 2.91 0.00	33.76 2.50 -1.28

TRINITY__115KV__4 BK 55933	29.20 0.59 0.00	23.59 0.54 0.00	20.81 0.41 0.00	20.89 0.48 0.00	23.73 0.48 0.00	23.46 0.42 0.00	25.52 0.46 0.00	25.47 0.51 0.00	31.09 0.61 0.00	29.40 0.61 0.14	29.38 0.61 0.12	27.88 0.57 0.50	29.29 0.74 0.29	31.26 0.77 0.33	39.43 1.08 0.61	50.99 1.29 0.82	58.81 1.94 0.12	35.49 1.23 -2.73	35.02 1.20 -3.41	42.04 1.43 -1.76	56.58 1.81 0.00	50.37 1.42 0.00	38.57 1.02 0.00	30.75 0.77 0.00
UNION__PROCESSING_DRP 323587	28.67 0.07 0.00	22.93 -0.13 0.00	20.23 -0.16 0.00	20.14 -0.27 0.00	23.01 -0.24 0.00	22.95 -0.09 0.00	25.12 0.07 0.00	24.81 -0.15 0.00	30.61 0.13 0.00	29.33 0.37 -0.03	29.77 0.15 -0.72	28.49 0.05 -0.62	28.80 -0.04 0.00	30.76 -0.06 0.00	38.44 -0.54 0.00	49.97 -0.66 -0.12	55.70 -1.28 0.00	30.98 -0.80 -0.25	29.71 -0.89 -0.18	37.88 -1.06 -0.09	53.66 -1.11 0.00	47.57 -1.37 0.00	36.63 -0.92 0.00	29.64 -0.34 0.00
UPPER HUDSON__HYD 24058	29.77 1.16 0.00	23.93 0.88 0.00	21.12 0.73 0.00	21.20 0.79 0.00	24.18 0.93 0.00	23.88 0.84 0.00	25.83 0.78 0.00	25.83 0.87 0.00	31.52 1.04 0.00	29.89 1.11 0.15	29.92 1.15 0.14	28.41 1.16 0.56	29.86 1.33 0.31	31.69 1.23 0.36	40.02 1.71 0.66	51.93 2.30 0.88	60.09 3.24 0.12	36.18 1.80 -2.83	37.49 2.20 -4.87	44.20 2.80 -2.55	58.46 3.70 0.00	51.96 3.02 0.00	39.64 2.09 0.00	31.44 1.46 0.00
UPPER RAQUET__HYD 24056	27.36 -1.25 0.00	22.13 -0.93 0.00	19.65 -0.75 0.00	19.82 -0.60 0.00	22.67 -0.58 0.00	22.32 -0.72 0.00	24.21 -0.84 0.00	24.13 -0.82 0.00	29.37 -1.11 0.00	27.60 -1.34 0.00	27.79 -1.22 -0.11	26.87 -1.04 -0.09	27.76 -1.08 0.00	29.60 -1.23 0.00	37.52 -1.45 0.00	48.63 -1.91 -0.02	54.73 -2.25 0.00	30.18 -1.36 0.00	29.27 -1.15 0.00	37.61 -1.23 0.00	53.35 -1.42 0.00	47.90 -1.05 0.00	36.75 -0.80 0.00	29.19 -0.79 0.00
VALLEY44_115KV_TB2 355964	29.44 0.83 0.00	23.34 0.29 0.00	20.63 0.23 0.00	20.53 0.12 0.00	23.52 0.26 0.00	23.49 0.45 0.00	25.87 0.82 0.00	25.61 0.65 0.00	31.77 1.29 0.00	30.41 1.46 -0.02	30.60 1.07 -0.63	28.92 0.55 -0.55	29.02 0.18 0.00	31.13 0.30 0.00	38.81 -0.16 0.00	50.42 -0.21 -0.11	56.04 -0.95 0.00	31.27 -0.64 -0.37	29.82 -0.89 -0.29	38.03 -0.96 -0.14	54.00 -0.77 0.00	48.05 -0.89 0.00	36.90 -0.65 0.00	29.92 -0.06 0.00
VALLEY__115KV_TB 1-4 80826	28.71 0.10 0.00	23.03 -0.03 0.00	20.32 -0.07 0.00	20.34 -0.06 0.00	23.14 -0.11 0.00	22.96 -0.08 0.00	25.15 0.10 0.00	25.13 0.16 0.00	30.64 0.15 0.00	29.07 0.14 0.00	28.97 0.07 0.00	27.77 -0.05 0.00	28.86 0.02 0.00	30.95 0.13 0.00	39.33 0.36 0.00	50.95 0.43 0.00	57.86 0.88 0.00	32.30 0.77 0.00	31.24 0.82 0.00	39.85 1.00 0.00	56.00 1.23 0.00	49.87 0.92 0.00	38.17 0.62 0.00	30.38 0.39 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.73 1.12 0.00	23.91 0.86 0.00	21.10 0.71 0.00	21.10 0.69 0.00	24.03 0.77 0.00	23.84 0.80 0.00	25.97 0.92 0.00	25.93 0.97 0.00	31.72 1.24 0.00	30.24 1.30 -0.01	30.35 1.22 -0.22	29.14 1.14 -0.19	30.01 1.17 0.00	32.12 1.29 0.00	40.67 1.70 0.00	52.83 2.28 -0.04	59.59 2.61 0.00	33.90 1.59 -0.77	32.97 1.46 -1.09	41.16 1.74 -0.57	57.13 2.37 0.00	50.91 1.97 0.00	38.98 1.44 0.00	31.12 1.13 0.00
VISCHER__FERRY HYD 24020	29.64 1.03 0.00	23.95 0.90 0.00	21.12 0.73 0.00	21.22 0.81 0.00	24.12 0.87 0.00	23.83 0.79 0.00	25.91 0.86 0.00	25.82 0.87 0.00	31.51 1.03 0.00	29.72 0.99 0.19	29.66 0.96 0.20	27.91 0.89 0.79	29.50 1.07 0.41	31.44 1.09 0.47	39.60 1.49 0.87	51.16 1.80 1.16	59.40 2.58 0.16	35.90 1.59 -2.77	36.35 1.62 -4.31	43.15 2.06 -2.25	57.49 2.73 0.00	51.21 2.27 0.00	39.21 1.66 0.00	31.22 1.24 0.00
V_A_10_SYNC_DSASP 323832	28.25 -0.36 0.00	22.54 -0.51 0.00	19.90 -0.49 0.00	19.77 -0.64 0.00	22.60 -0.65 0.00	22.57 -0.47 0.00	24.77 -0.28 0.00	24.34 -0.62 0.00	30.16 -0.32 0.00	28.95 -0.01 -0.03	29.27 -0.34 -0.71	27.93 -0.49 -0.61	28.16 -0.68 0.00	30.05 -0.77 0.00	37.35 -1.62 0.00	48.50 -2.13 -0.12	53.78 -3.20 0.00	29.92 -1.89 -0.27	28.65 -1.97 -0.20	36.61 -2.34 -0.10	51.97 -2.80 0.00	46.06 -2.89 0.00	35.59 -1.96 0.00	29.03 -0.95 0.00
V_CMM_10_SYNC_DSASP 323787	28.23 -0.38 0.00	22.79 -0.26 0.00	20.22 -0.18 0.00	20.25 -0.15 0.00	23.14 -0.11 0.00	22.88 -0.16 0.00	24.79 -0.26 0.00	24.69 -0.27 0.00	30.11 -0.37 0.00	28.36 -0.57 0.00	28.47 -0.44 0.00	27.49 -0.33 0.00	28.45 -0.38 0.00	30.37 -0.46 0.00	38.39 -0.58 0.00	49.72 -0.80 0.00	55.92 -1.06 0.00	30.80 -0.74 0.00	29.82 -0.60 0.00	38.27 -0.58 0.00	54.15 -0.62 0.00	48.65 -0.30 0.00	37.38 -0.17 0.00	29.78 -0.20 0.00
V_CMP_10_SYNC_DSASP 323788	28.40 -0.21 0.00	22.90 -0.15 0.00	20.31 -0.08 0.00	20.41 0.00 0.00	23.42 0.17 0.00	23.36 0.32 0.00	25.30 0.24 0.00	25.25 0.29 0.00	30.64 0.16 0.00	28.61 -0.31 0.00	28.46 -0.44 0.00	27.96 0.14 0.00	29.23 0.39 0.00	31.26 0.43 0.00	39.75 0.78 0.00	51.55 1.03 0.00	58.04 1.05 0.00	31.79 0.25 0.00	30.82 0.40 0.00	39.65 0.80 0.00	56.55 1.78 0.00	50.64 1.69 0.00	38.87 1.32 0.00	30.97 0.98 0.00
V_E_10_SYNC_DSASP 323830	30.84 2.23 0.00	24.60 1.55 0.00	21.70 1.30 0.00	21.64 1.23 0.00	24.74 1.49 0.00	24.67 1.62 0.00	27.26 2.21 0.00	27.18 2.22 0.00	33.19 2.71 0.00	31.39 2.44 -0.02	31.56 2.26 -0.40	30.32 2.15 -0.34	30.95 2.11 0.00	33.27 2.44 0.00	42.05 3.07 0.00	54.67 4.08 -0.07	61.80 4.82 0.00	35.27 3.15 -0.58	34.02 2.99 -0.61	43.01 3.85 -0.31	60.24 5.48 0.00	53.42 4.48 0.00	40.69 3.14 0.00	32.38 2.40 0.00
V_F_30_NSYNC__DSASP 323816	30.04 1.44 0.00	24.21 1.16 0.00	21.35 0.96 0.00	21.43 1.02 0.00	24.39 1.15 0.00	24.12 1.08 0.00	26.21 1.16 0.00	26.17 1.21 0.00	31.94 1.45 0.00	30.21 1.43 0.15	30.17 1.42 0.15	28.57 1.35 0.60	30.03 1.52 0.33	32.02 1.58 0.37	40.43 2.15 0.69	52.35 2.76 0.93	60.51 3.66 0.13	36.51 2.15 -2.83	37.46 2.24 -4.80	44.19 2.83 -2.52	58.56 3.79 0.00	52.09 3.15 0.00	39.81 2.26 0.00	31.66 1.68 0.00
V_F_30_SYNC_DSASP 323786	29.32 0.71 0.00	23.68 0.63 0.00	20.88 0.48 0.00	20.96 0.55 0.00	23.81 0.56 0.00	23.55 0.50 0.00	25.63 0.58 0.00	25.59 0.63 0.00	31.26 0.78 0.00	29.56 0.77 0.14	29.55 0.78 0.13	28.05 0.75 0.52	29.46 0.92 0.30	31.47 0.98 0.34	39.69 1.34 0.63	51.34 1.67 0.84	59.19 2.33 0.12	35.74 1.45 -2.75	35.56 1.39 -3.75	42.46 1.67 -1.94	56.91 2.15 0.00	50.65 1.70 0.00	38.77 1.22 0.00	30.90 0.92 0.00
V_XM_10_SYNC_DSASP 323789	28.40 -0.21 0.00	22.90 -0.15 0.00	20.31 -0.08 0.00	20.41 0.00 0.00	23.42 0.17 0.00	23.36 0.32 0.00	25.30 0.24 0.00	25.25 0.29 0.00	30.64 0.16 0.00	28.61 -0.31 0.00	28.46 -0.44 0.00	27.96 0.14 0.00	29.23 0.39 0.00	31.26 0.43 0.00	39.75 0.78 0.00	51.55 1.03 0.00	58.04 1.05 0.00	31.79 0.25 0.00	30.82 0.40 0.00	39.65 0.80 0.00	56.55 1.78 0.00	50.64 1.69 0.00	38.87 1.32 0.00	30.97 0.98 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.27 1.66 0.00	24.33 1.28 0.00	21.41 1.02 0.00	21.42 1.02 0.00	24.31 1.06 0.00	24.07 1.02 0.00	26.32 1.27 0.00	26.41 1.45 0.00	32.23 1.75 0.00	30.94 1.89 -0.12	31.09 1.95 -0.24	29.38 1.87 0.31	31.10 2.02 -0.24	33.35 2.25 -0.28	42.36 2.98 -0.41	55.35 4.13 -0.71	62.20 5.12 -0.10	36.56 3.00 -2.03	34.58 2.64 -1.52	42.53 2.93 -0.76	58.68 3.91 0.00	52.16 3.22 0.00	39.88 2.33 0.00	31.82 1.84 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.53 1.93 0.00	24.56 1.51 0.00	21.59 1.19 0.00	21.57 1.16 0.00	24.48 1.23 0.00	24.25 1.21 0.00	26.55 1.50 0.00	26.67 1.71 0.00	32.51 2.02 0.00	31.24 2.18 -0.13	31.37 2.21 -0.26	31.43 2.14 -1.48	31.40 2.29 -0.27	33.65 2.52 -0.30	43.00 3.37 -0.66	55.89 4.60 -0.78	62.68 5.59 -0.11	36.92 3.26 -2.12	34.89 2.87 -1.60	42.84 3.20 -0.79	59.00 4.23 0.00	52.43 3.49 0.00	40.16 2.61 0.00	32.07 2.09 0.00
W50THST__13_KV_LOAD 356117	30.71 2.11 0.00	24.69 1.63 0.00	21.70 1.30 0.00	21.68 1.27 0.00	24.61 1.36 0.00	24.39 1.35 0.00	26.74 1.69 0.00	26.88 1.92 0.00	32.78 2.30 0.00	31.52 2.46 -0.13	31.63 2.47 -0.26	31.69 2.40 -1.48	31.65 2.55 -0.27	33.93 2.80 -0.30	43.36 3.72 -0.66	56.35 5.06 -0.78	63.20 6.12 -0.11	37.20 3.54 -2.12	35.14 3.12 -1.60	43.12 3.48 -0.79	59.37 4.60 0.00	52.75 3.80 0.00	40.38 2.84 0.00	32.26 2.28 0.00
WADING RIVER_IC_1 23522	33.01 3.40 -1.00	27.62 2.75 -1.82	23.58 2.32 -0.87	22.64 2.23 0.00	25.70 2.45 0.00	25.36 2.32 0.00	27.64 2.59 0.00	27.71 2.75 0.00	33.98 3.50 0.00	32.64 3.57 -0.13	32.72 3.44 -0.38	43.47 3.34 -12.31	34.43 3.58 -2.00	35.93 3.85 -1.26	44.70 4.71 -1.02	57.61 6.31 -0.78	215.09 7.81 -150.30	315.20 4.38 -279.28	150.11 4.06 -115.63	70.00 4.87 -26.29	61.00 6.22 -0.01	53.83 4.88 0.00	41.53 3.98 0.00	34.78 3.51 -1.29
WADING RIVER_IC_2 23547	33.01 3.40 -1.00	27.62 2.75 -1.82	23.58 2.32 -0.87	22.64 2.23 0.00	25.70 2.45 0.00	25.36 2.32 0.00	27.64 2.59 0.00	27.71 2.75 0.00	33.98 3.50 0.00	32.64 3.57 -0.13	32.72 3.44 -0.38	43.47 3.34 -12.31	34.43 3.58 -2.00	35.93 3.85 -1.26	44.70 4.71 -1.02	57.61 6.31 -0.78	215.09 7.81 -150.30	315.20 4.38 -279.28	150.11 4.06 -115.63	70.00 4.87 -26.29	61.00 6.22 -0.01	53.83 4.88 0.00	41.53 3.98 0.00	34.78 3.51 -1.29
WADING RIVER_IC_3 23601	33.01 3.40 -1.00	27.62 2.75 -1.82	23.58 2.32 -0.87	22.64 2.23 0.00	25.70 2.45 0.00	25.36 2.32 0.00	27.64 2.59 0.00	27.71 2.75 0.00	33.98 3.50 0.00	32.64 3.57 -0.13	32.72 3.44 -0.38	43.47 3.34 -12.31	34.43 3.58 -2.00	35.93 3.85 -1.26	44.70 4.71 -1.02	57.61 6.31 -0.78	215.09 7.81 -150.30	315.20 4.38 -279.28	150.11 4.06 -115.63	70.00 4.87 -26.29	61.00 6.22 -0.01	53.83 4.88 0.00	41.53 3.98 0.00	34.78 3.51 -1.29
WALDENNY_I2_KV_BK2 80841	28.76 0.15 0.00	22.90 -0.15 0.00	20.23 -0.16 0.00	20.07 -0.33 0.00	22.96 -0.29 0.00	22.96 -0.08 0.00	25.25 0.20 0.00	24.79 -0.17 0.00	30.79 0.31 0.00	29.62 0.66 -0.03	29.92 0.36 -0.66	28.54 0.15 -0.57	28.74 -0.09 0.00	30.93 0.10 0.00	38.44 -0.54 0.00	49.90 -0.73 -0.12	55.15 -1.84 -0.01	30.72 -1.16 -0.34	29.32 -1.35 -0.26	37.42 -1.55 -0.13	53.15 -1.62 0.00	47.04 -1.91 -0.01	36.34 -1.20 0.00	29.64 -0.34 0.00
WALDEN___HYDRO 24148	30.33 1.72 0.00	24.37 1.32 0.00	21.44 1.04 0.00	21.44 1.03 0.00	24.33 1.08 0.00	24.11 1.07 0.00	26.35 1.29 0.00	26.43 1.47 0.00	32.26 1.78 0.00	30.90 1.87 -0.10	31.06 1.95 -0.21	30.07 1.85 -0.40	31.02 1.98 -0.20	33.18 2.13 -0.22	42.17 2.79 -0.41	55.02 3.92 -0.58	62.02 4.97 -0.08	36.54 2.96 -2.04	34.63 2.66 -1.55	42.70 3.08 -0.77	58.96 4.19 0.00	52.39 3.44 0.00	40.06 2.51 0.00	31.94 1.96 0.00
WARRENSBURG____ 23737	29.77 1.16 0.00	23.93 0.88 0.00	21.12 0.73 0.00	21.20 0.79 0.00	24.18 0.93 0.00	23.88 0.84 0.00	25.83 0.78 0.00	25.83 0.87 0.00	31.52 1.04 0.00	29.89 1.11 0.15	29.92 1.15 0.14	28.41 1.16 0.56	29.86 1.33 0.31	31.69 1.23 0.36	40.02 1.71 0.66	51.93 2.30 0.88	60.09 3.24 0.12	36.18 1.80 -2.83	37.49 2.20 -4.87	44.20 2.80 -2.55	58.46 3.70 0.00	51.96 3.02 0.00	39.64 2.09 0.00	31.44 1.46 0.00
WATERSIDE____6 8 9 23538	30.57 1.96 0.00	24.60 1.54 0.00	21.62 1.22 0.00	21.60 1.19 0.00	24.51 1.26 0.00	24.28 1.24 0.00	26.59 1.54 0.00	26.70 1.74 0.00	32.54 2.06 0.00	31.26 2.20 -0.13	31.34 2.18 -0.26	31.41 2.12 -1.48	31.40 2.29 -0.27	33.63 2.50 -0.30	42.96 3.32 -0.66	55.84 4.55 -0.78	62.68 5.59 -0.11	36.91 3.24 -2.12	34.87 2.86 -1.60	42.84 3.20 -0.79	59.00 4.23 0.00	52.46 3.51 0.00	40.18 2.64 0.00	32.13 2.15 0.00
WATKINRD_115KV_LN8_ILLION 55919	28.69 0.08 0.00	23.06 0.00 0.00	20.36 -0.03 0.00	20.38 -0.02 0.00	23.19 -0.06 0.00	23.00 -0.04 0.00	25.11 0.06 0.00	25.06 0.10 0.00	30.57 0.09 0.00	29.00 0.07 0.00	28.94 0.04 0.00	27.78 -0.04 0.00	28.84 0.00 0.00	30.90 0.07 0.00	39.19 0.22 0.00	50.77 0.26 0.00	57.57 0.59 0.00	32.09 0.55 0.00	31.00 0.58 0.00	39.55 0.71 0.00	55.65 0.89 0.00	49.59 0.64 0.00	37.95 0.40 0.00	30.23 0.25 0.00
WATSON____69_KV_BK 1 55734	32.97 3.37 -0.99	27.54 2.67 -1.81	23.50 2.23 -0.87	22.58 2.17 0.00	25.66 2.41 0.00	25.30 2.26 0.00	27.66 2.60 0.00	27.73 2.77 0.00	34.01 3.53 0.00	32.62 3.55 -0.13	32.60 3.38 -0.32	38.93 3.41 -7.70	34.47 3.65 -1.98	35.84 3.89 -1.13	44.56 4.74 -0.84	57.62 6.32 -0.78	139.94 7.80 -75.17	187.43 4.46 -151.44	111.03 4.12 -76.49	56.88 4.84 -13.18	60.97 6.20 0.00	53.93 4.98 0.00	41.58 4.03 0.00	34.83 3.56 -1.28
WDELAWARE___HYD 323627	29.83 1.22 0.00	23.98 0.92 0.00	21.09 0.70 0.00	21.07 0.66 0.00	23.92 0.66 0.00	23.72 0.68 0.00	25.88 0.83 0.00	25.99 1.03 0.00	31.83 1.35 0.00	30.41 1.42 -0.07	30.72 1.63 -0.19	29.76 1.55 -0.39	30.62 1.66 -0.12	32.80 1.84 -0.14	41.50 2.26 -0.26	54.05 3.16 -0.38	61.20 4.17 -0.05	35.96 2.59 -1.84	34.15 2.27 -1.46	42.13 2.56 -0.73	58.15 3.38 0.00	51.65 2.71 0.00	39.47 1.92 0.00	31.44 1.46 0.00
WEST BABYLON___IC 23714	32.76 3.16 -0.99	27.36 2.50 -1.81	23.35 2.09 -0.87	22.44 2.03 0.00	25.50 2.25 0.00	25.14 2.10 0.00	27.49 2.43 0.00	27.57 2.61 0.00	33.79 3.30 0.00	32.38 3.32 -0.13	32.30 3.12 -0.27	35.44 3.16 -4.46	34.18 3.38 -1.96	35.45 3.59 -1.03	44.10 4.41 -0.71	57.24 5.95 -0.78	85.63 7.31 -21.34	96.41 4.19 -60.68	82.26 3.85 -47.99	47.36 4.53 -3.99	60.59 5.83 0.00	53.65 4.70 0.00	41.33 3.78 0.00	34.64 3.37 -1.28
WEST CANADA___HYD 24049	28.62 0.01 0.00	23.07 0.02 0.00	20.39 0.00 0.00	20.41 0.00 0.00	23.25 0.00 0.00	23.04 0.00 0.00	25.08 0.02 0.00	24.98 0.03 0.00	30.52 0.04 0.00	28.99 0.06 0.00	28.93 0.04 0.00	27.84 0.03 0.00	28.87 0.03 0.00	30.86 0.04 0.00	39.05 0.07 0.00	50.62 0.10 0.00	57.16 0.18 0.00	31.70 0.16 0.00	30.54 0.12 0.00	38.97 0.12 0.00	54.92 0.14 0.00	49.00 0.05 0.00	37.59 0.04 0.00	30.00 0.02 0.00

WESTERN_NY_WIND 24143	29.07 0.46 0.00	23.20 0.14 0.00	20.47 0.08 0.00	20.32 -0.08 0.00	23.26 0.01 0.00	23.26 0.22 0.00	25.58 0.52 0.00	25.14 0.18 0.00	31.13 0.65 0.00	29.85 0.89 -0.03	30.19 0.60 -0.70	28.89 0.47 -0.60	29.16 0.31 0.00	31.17 0.34 0.00	38.69 -0.28 0.00	50.41 -0.23 -0.12	55.98 -1.00 -0.01	31.16 -0.67 -0.29	29.83 -0.81 -0.22	38.05 -0.90 -0.11	54.07 -0.70 0.00	47.80 -1.15 -0.01	36.88 -0.67 0.00	30.04 0.06 0.00
WESTOVER___LESR 323668	29.18 0.57 0.00	23.32 0.27 0.00	20.62 0.22 0.00	20.57 0.16 0.00	23.49 0.23 0.00	23.35 0.31 0.00	25.59 0.53 0.00	25.49 0.53 0.00	31.27 0.78 0.00	29.80 0.85 -0.02	30.00 0.65 -0.44	28.70 0.49 -0.38	29.23 0.39 0.00	31.38 0.56 0.00	39.59 0.61 0.00	51.54 0.94 -0.08	57.87 0.89 0.00	32.72 0.56 -0.62	31.31 0.37 -0.52	39.57 0.47 -0.26	55.46 0.69 0.00	49.40 0.46 0.00	37.82 0.27 0.00	30.25 0.27 0.00
WETHRSFD_WT_PWR 323626	28.86 0.25 0.00	23.01 -0.05 0.00	20.33 -0.07 0.00	20.20 -0.21 0.00	23.12 -0.13 0.00	23.09 0.05 0.00	25.39 0.33 0.00	25.02 0.06 0.00	31.00 0.52 0.00	29.72 0.77 -0.02	29.99 0.46 -0.63	28.61 0.24 -0.55	28.84 0.00 0.00	30.88 0.06 0.00	38.48 -0.49 0.00	50.05 -0.57 -0.11	55.57 -1.41 0.00	31.02 -0.88 -0.37	29.57 -1.14 -0.28	37.57 -1.42 -0.14	53.23 -1.54 0.00	47.16 -1.79 0.00	36.39 -1.16 0.00	29.55 -0.43 0.00
WHAVSTOR_138KV_BK127 55557	30.12 1.52 0.00	24.23 1.18 0.00	21.32 0.93 0.00	21.34 0.93 0.00	24.20 0.96 0.00	23.96 0.92 0.00	26.20 1.14 0.00	26.28 1.32 0.00	32.06 1.57 0.00	30.75 1.71 -0.12	30.91 1.76 -0.24	29.19 1.69 0.32	30.92 1.83 -0.24	33.13 2.03 -0.28	42.08 2.70 -0.41	54.96 3.73 -0.71	61.76 4.68 -0.10	36.32 2.76 -2.03	34.36 2.41 -1.52	42.26 2.65 -0.76	58.29 3.52 0.00	51.83 2.89 0.00	39.65 2.10 0.00	31.66 1.68 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.12 1.52 0.00	24.23 1.18 0.00	21.32 0.93 0.00	21.34 0.93 0.00	24.20 0.96 0.00	23.96 0.92 0.00	26.20 1.14 0.00	26.28 1.32 0.00	32.06 1.57 0.00	30.75 1.71 -0.12	30.91 1.76 -0.24	29.19 1.69 0.32	30.92 1.83 -0.24	33.13 2.03 -0.28	42.08 2.70 -0.41	54.96 3.73 -0.71	61.76 4.68 -0.10	36.32 2.76 -2.03	34.36 2.41 -1.52	42.26 2.65 -0.76	58.29 3.52 0.00	51.83 2.89 0.00	39.65 2.10 0.00	31.66 1.68 0.00
WHITEHAL_115KV_TB1 80871	30.76 2.16 0.00	24.66 1.60 0.00	21.68 1.28 0.00	21.84 1.43 0.00	24.91 1.66 0.00	24.46 1.42 0.00	26.43 1.38 0.00	26.53 1.57 0.00	32.24 1.75 0.00	30.67 1.89 0.15	30.79 2.03 0.14	29.16 1.92 0.58	30.77 2.25 0.32	32.62 2.16 0.37	41.07 2.77 0.68	53.85 4.24 0.90	62.51 5.66 0.13	37.49 3.12 -2.83	38.80 3.55 -4.84	45.96 4.58 -2.53	60.76 6.00 0.00	54.16 5.22 0.00	41.22 3.67 0.00	32.50 2.52 0.00
WHITEPLN_13_KV_LOAD 356215	30.62 2.01 0.00	24.57 1.52 0.00	21.60 1.21 0.00	21.60 1.19 0.00	24.51 1.26 0.00	24.28 1.24 0.00	26.67 1.61 0.00	26.78 1.82 0.00	32.69 2.21 0.00	31.39 2.33 -0.13	31.52 2.36 -0.26	31.63 2.30 -1.52	31.58 2.47 -0.27	33.86 2.73 -0.30	43.26 3.61 -0.67	56.23 4.94 -0.77	63.12 6.04 -0.11	37.16 3.50 -2.12	35.14 3.13 -1.59	43.19 3.55 -0.79	59.51 4.74 0.00	52.86 3.91 0.00	40.42 2.87 0.00	32.25 2.27 0.00
WM_FLOYD_69_KV_BK2 356380	32.92 3.31 -1.00	27.54 2.66 -1.82	23.50 2.24 -0.87	22.56 2.15 0.00	25.63 2.38 0.00	25.29 2.25 0.00	27.61 2.55 0.00	27.66 2.70 0.00	33.92 3.44 0.00	32.56 3.51 -0.13	32.63 3.35 -0.37	43.24 3.27 -12.15	34.34 3.50 -2.00	35.84 3.76 -1.26	44.56 4.56 -1.02	57.43 6.13 -0.78	213.61 7.63 -148.99	311.99 4.31 -276.14	149.89 4.01 -115.46	69.47 4.77 -25.85	60.87 6.09 -0.01	53.73 4.78 0.00	41.44 3.89 0.00	34.71 3.45 -1.28
WOODARD___115KV_TB2 355635	28.41 -0.20 0.00	22.83 -0.23 0.00	20.16 -0.23 0.00	20.15 -0.26 0.00	22.98 -0.27 0.00	22.82 -0.22 0.00	24.91 -0.15 0.00	24.76 -0.20 0.00	30.30 -0.19 0.00	28.85 -0.11 -0.03	29.41 -0.18 -0.69	28.20 -0.20 -0.59	28.57 -0.26 0.00	30.56 -0.26 0.00	38.58 -0.40 0.00	50.14 -0.50 -0.12	56.36 -0.62 0.00	31.41 -0.31 -0.18	30.06 -0.37 -0.01	38.33 -0.52 0.00	54.08 -0.69 0.00	48.17 -0.78 0.00	36.92 -0.63 0.00	29.55 -0.43 0.00
YORK___WARBASSE 23770	30.68 2.06 0.00	24.68 1.63 0.00	21.69 1.29 0.00	21.67 1.26 0.00	24.59 1.33 0.00	24.36 1.31 0.00	26.67 1.61 0.00	26.76 1.80 0.00	32.60 2.12 0.00	31.33 2.26 -0.13	31.43 2.27 -0.26	31.51 2.21 -1.48	31.49 2.38 -0.27	33.73 2.59 -0.30	43.10 3.47 -0.66	56.06 4.77 -0.78	62.92 5.83 -0.11	37.04 3.38 -2.12	34.99 2.97 -1.60	42.99 3.35 -0.79	59.25 4.48 0.00	52.70 3.76 0.00	40.39 2.84 0.00	32.26 2.28 0.00