

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/27/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	
PTID	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	24.11	20.68	19.80	18.64	18.88	20.32	20.14	20.26	21.73	23.27	21.82	25.26	45.12	73.92	42.17	39.45	38.96	39.27	40.33	39.83	38.98	39.26	62.19	37.38	
24138	1.57	1.41	1.30	1.23	1.19	1.21	1.19	1.26	1.42	1.60	1.58	1.81	3.26	5.38	2.27	1.72	2.21	2.51	2.58	2.52	2.26	2.02	1.05	0.92	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.68	-15.42	-8.25	-0.28	-0.24	-0.93	-4.93	-7.70	-45.94	-22.10
74TH STREET_GT_1	24.19	20.75	19.85	18.68	18.94	20.38	20.20	20.31	21.79	23.32	21.86	25.32	45.22	74.08	42.24	39.49	39.02	39.35	40.42	39.94	39.07	39.35	62.21	37.41	
24260	1.65	1.47	1.36	1.28	1.25	1.28	1.25	1.32	1.47	1.64	1.62	1.87	3.36	5.54	2.34	1.76	2.28	2.59	2.66	2.63	2.34	2.12	1.09	0.97	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.67	-15.41	-8.24	-0.28	-0.24	-0.93	-4.93	-7.69	-45.91	-22.09
74TH STREET_GT_2	24.19	20.75	19.85	18.68	18.94	20.38	20.20	20.31	21.79	23.32	21.86	25.32	45.22	74.08	42.24	39.49	39.02	39.35	40.42	39.94	39.07	39.35	62.21	37.41	
24261	1.65	1.47	1.36	1.28	1.25	1.28	1.25	1.32	1.47	1.64	1.62	1.87	3.36	5.54	2.34	1.76	2.28	2.59	2.66	2.63	2.34	2.12	1.09	0.97	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.67	-15.41	-8.24	-0.28	-0.24	-0.93	-4.93	-7.69	-45.91	-22.09
ADK HUDSON___FALLS	24.18	20.75	19.89	18.76	19.05	20.57	20.38	20.47	21.99	23.49	21.78	25.24	44.95	73.28	32.39	23.94	30.91	39.53	40.88	39.67	34.69	32.09	16.47	15.49	
24011	1.63	1.47	1.40	1.36	1.37	1.46	1.43	1.47	1.68	1.81	1.54	1.79	3.10	4.74	2.16	1.63	2.41	3.05	3.36	3.29	2.90	2.55	1.27	1.14	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK RESOURCE___RCVRY	24.34	20.88	20.01	18.87	19.16	20.69	20.51	20.61	22.16	23.67	21.93	25.43	45.30	73.82	32.62	24.12	31.16	39.87	41.24	40.04	35.00	32.36	16.60	15.60	
23798	1.80	1.60	1.52	1.46	1.47	1.59	1.57	1.61	1.84	1.99	1.70	1.98	3.44	5.28	2.39	1.80	2.67	3.39	3.73	3.66	3.20	2.82	1.39	1.25	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK S GLENS___FALLS	24.18	20.75	19.89	18.76	19.05	20.57	20.38	20.47	21.99	23.49	21.78	25.24	44.95	73.28	32.39	23.94	30.91	39.53	40.88	39.67	34.69	32.09	16.47	15.49	
24028	1.63	1.47	1.40	1.36	1.37	1.46	1.43	1.47	1.68	1.81	1.54	1.79	3.10	4.74	2.16	1.63	2.41	3.05	3.36	3.29	2.90	2.55	1.27	1.14	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK_NYS___DAM	23.64	20.35	19.61	18.56	18.82	20.30	20.03	20.05	21.50	22.88	21.42	24.81	44.15	72.09	31.70	23.34	29.99	38.33	39.41	38.29	33.53	31.14	16.03	15.15	
23527	1.10	1.07	1.12	1.15	1.13	1.20	1.08	1.05	1.19	1.21	1.18	1.37	2.29	3.55	1.47	1.02	1.49	1.85	1.90	1.91	1.73	1.60	0.82	0.79	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AIR_PRODUCTS___DRP	22.83	19.64	18.84	17.85	18.11	19.41	19.23	19.31	20.69	22.04	20.60	23.86	42.57	69.70	30.72	22.66	29.04	37.03	38.10	36.93	32.32	29.98	15.44	14.56	
24190	0.29	0.37	0.35	0.45	0.43	0.30	0.28	0.32	0.38	0.36	0.37	0.41	0.72	1.17	0.48	0.35	0.54	0.55	0.59	0.55	0.52	0.43	0.24	0.21	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AKWESSNE_115KV_BK	22.26	18.98	18.23	17.13	17.43	18.86	18.75	18.78	20.03	17.04	-7.57	23.12	41.18	55.68	29.87	22.04	28.04	36.01	37.04	35.89	31.26	29.12	14.99	14.11	
355683	-0.28	-0.30	-0.27	-0.28	-0.26	-0.24	-0.19	-0.21	-0.29	-0.32	-0.31	-0.32	-0.67	-1.18	-0.36	-0.27	-0.46	-0.47	-0.48	-0.49	-0.53	-0.42	-0.21	-0.24	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.32	27.50	0.00	11.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_1_SOLAR	23.26	19.99	19.18	18.14	18.41	19.79	19.58	19.68	21.10	22.48	20.84	24.12	43.27	70.91	31.23	23.11	29.68	37.88	38.97	37.80	33.07	30.66	15.76	14.87	
323833	0.72	0.71	0.69	0.73	0.72	0.68	0.64	0.68	0.79	0.81	0.60	0.67	1.42	2.37	1.00	0.80	1.19	1.40	1.45	1.42	1.27	1.12	0.56	0.52	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_2_SOLAR	23.26	19.98	19.18	18.14	18.40	19.78	19.58	19.67	21.10	22.48	20.83	24.11	43.26	70.90	31.23	23.10	29.67	37.86	38.95	37.80	33.05	30.65	15.76	14.87	
323834	0.71	0.70	0.69	0.73	0.71	0.68	0.64	0.68	0.78	0.80	0.60	0.66	1.40	2.36	1.00	0.79	1.18	1.38	1.43	1.42	1.26	1.11	0.56	0.52	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY___1	22.83	19.64	18.84	17.85	18.11	19.41	19.23	19.31	20.69	22.04	20.60	23.86	42.57	69.70	30.72	22.66	29.04	37.03	38.10	36.93	32.32	29.98	15.44	14.56	
23571	0.29	0.37	0.35	0.45	0.43	0.30	0.28	0.32	0.38	0.36	0.37	0.41	0.72	1.17	0.48	0.35	0.54	0.55	0.59	0.55	0.52	0.43	0.24	0.21	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

ALBANY___2 23572	22.83 0.29 0.00	19.64 0.37 0.00	18.84 0.35 0.00	17.85 0.45 0.00	18.11 0.43 0.00	19.41 0.30 0.00	19.23 0.28 0.00	19.31 0.32 0.00	20.69 0.38 0.00	22.04 0.36 0.00	20.60 0.37 0.00	23.86 0.41 0.00	42.57 0.72 0.00	69.70 1.17 0.00	30.72 0.48 0.00	22.66 0.35 0.00	29.04 0.54 0.00	37.03 0.55 0.00	38.10 0.59 0.00	36.93 0.55 0.00	32.32 0.52 0.00	29.98 0.43 0.00	15.44 0.24 0.00	14.56 0.21 0.00
ALBANY___3 23573	22.83 0.29 0.00	19.64 0.37 0.00	18.84 0.35 0.00	17.85 0.45 0.00	18.11 0.43 0.00	19.41 0.30 0.00	19.23 0.28 0.00	19.31 0.32 0.00	20.69 0.38 0.00	22.04 0.36 0.00	20.60 0.37 0.00	23.86 0.41 0.00	42.57 0.72 0.00	69.70 1.17 0.00	30.72 0.48 0.00	22.66 0.35 0.00	29.04 0.54 0.00	37.03 0.55 0.00	38.10 0.59 0.00	36.93 0.55 0.00	32.32 0.52 0.00	29.98 0.43 0.00	15.44 0.24 0.00	14.56 0.21 0.00
ALBANY___4 23574	22.83 0.29 0.00	19.64 0.37 0.00	18.84 0.35 0.00	17.85 0.45 0.00	18.11 0.43 0.00	19.41 0.30 0.00	19.23 0.28 0.00	19.31 0.32 0.00	20.69 0.38 0.00	22.04 0.36 0.00	20.60 0.37 0.00	23.86 0.41 0.00	42.57 0.72 0.00	69.70 1.17 0.00	30.72 0.48 0.00	22.66 0.35 0.00	29.04 0.54 0.00	37.03 0.55 0.00	38.10 0.59 0.00	36.93 0.55 0.00	32.32 0.52 0.00	29.98 0.43 0.00	15.44 0.24 0.00	14.56 0.21 0.00
ALBANY___LFGE 323615	23.08 0.54 0.00	19.85 0.57 0.00	19.04 0.55 0.00	18.03 0.62 0.00	18.28 0.60 0.00	19.62 0.51 0.00	19.43 0.49 0.00	19.52 0.52 0.00	20.92 0.60 0.00	22.30 0.62 0.00	20.85 0.61 0.00	24.14 0.69 0.00	43.09 1.24 0.00	70.57 2.03 0.00	31.09 0.86 0.00	22.95 0.63 0.00	29.41 0.91 0.00	37.49 1.01 0.00	38.56 1.04 0.00	37.37 0.99 0.00	32.70 0.91 0.00	30.33 0.78 0.00	15.61 0.41 0.00	14.72 0.37 0.00
ALCOA_PA_115KV_PL-6C 55860	22.41 -0.13 0.00	19.10 -0.18 0.00	18.34 -0.16 0.00	17.24 -0.17 0.00	17.53 -0.15 0.00	18.98 -0.12 0.00	18.87 -0.07 0.00	18.90 -0.10 0.00	20.14 -0.17 0.00	17.28 -0.21 4.18	-6.77 -0.40 26.60	23.22 -0.23 0.00	41.41 -0.44 0.00	58.31 -0.73 9.50	31.31 -0.15 -1.23	22.20 -0.11 0.00	28.24 -0.26 0.00	36.26 -0.21 0.00	37.31 -0.20 0.00	36.16 -0.22 0.00	31.47 -0.32 0.00	29.34 -0.20 0.00	15.10 -0.11 0.00	14.20 -0.15 0.00
ALCOA_RYNLDS___DRP 24188	22.41 -0.13 0.00	19.10 -0.18 0.00	18.34 -0.16 0.00	17.24 -0.17 0.00	17.53 -0.15 0.00	18.98 -0.12 0.00	18.87 -0.07 0.00	18.90 -0.10 0.00	20.14 -0.17 0.00	17.28 -0.21 4.18	-6.77 -0.40 26.60	23.22 -0.23 0.00	41.41 -0.44 0.00	58.31 -0.73 9.50	31.31 -0.15 -1.23	22.20 -0.11 0.00	28.24 -0.26 0.00	36.26 -0.21 0.00	37.31 -0.20 0.00	36.16 -0.22 0.00	31.47 -0.32 0.00	29.34 -0.20 0.00	15.10 -0.11 0.00	14.20 -0.15 0.00
ALCOA___DSASP 323711	22.41 -0.12 0.00	19.10 -0.18 0.00	18.34 -0.15 0.00	17.24 -0.17 0.00	17.53 -0.15 0.00	18.98 -0.12 0.00	18.87 -0.07 0.00	18.90 -0.10 0.00	20.14 -0.17 0.00	17.28 -0.21 4.18	-6.77 -0.40 26.60	23.22 -0.23 0.00	41.42 -0.44 0.00	58.31 -0.73 9.50	31.31 -0.15 -1.23	22.20 -0.11 0.00	28.24 -0.26 0.00	36.27 -0.21 0.00	37.31 -0.20 0.00	36.16 -0.22 0.00	31.48 -0.31 0.00	29.35 -0.19 0.00	15.10 -0.10 0.00	14.21 -0.15 0.00
ALLEGHENY___COGEN 23514	18.32 -0.01 4.20	17.33 -0.06 1.88	11.79 -0.14 6.57	5.55 -0.15 11.71	10.45 -0.07 7.17	19.21 0.10 0.00	19.01 0.06 0.00	18.95 0.05 0.10	13.32 -0.27 6.73	2.51 -0.04 19.12	8.78 -0.22 11.24	22.73 -0.55 0.16	19.78 -0.95 21.13	-1.27 -1.40 68.41	24.29 -0.76 5.18	20.71 -0.41 1.19	27.86 -0.64 0.00	35.77 -0.54 0.16	36.31 -0.55 0.66	36.55 0.17 0.00	27.49 0.11 4.42	40.33 0.16 -10.62	14.40 0.06 0.86	3.56 0.03 10.83
ALTAMONT_115KV_TB 2 55880	23.10 0.56 0.00	19.83 0.55 0.00	19.02 0.53 0.00	17.96 0.54 0.00	18.22 0.53 0.00	19.62 0.51 0.00	19.42 0.48 0.00	19.49 0.49 0.00	20.88 0.56 0.00	22.28 0.60 0.00	20.80 0.56 0.00	24.10 0.65 0.00	42.99 1.13 0.00	70.41 1.87 0.00	31.04 0.81 0.00	22.92 0.61 0.00	29.36 0.86 0.00	37.46 0.98 0.00	38.53 1.02 0.00	37.36 0.98 0.00	32.68 0.89 0.00	30.33 0.79 0.00	15.61 0.41 0.00	14.73 0.37 0.00
ALTONA_WT_PWR 323606	22.41 -0.13 0.00	19.15 -0.12 0.00	18.29 -0.20 0.00	17.11 -0.30 0.00	17.28 -0.41 0.00	18.62 -0.49 0.00	18.26 -0.69 0.00	18.20 -0.80 0.00	19.25 -1.06 0.00	16.48 -0.93 4.28	-7.87 -0.90 27.20	22.32 -1.13 0.00	39.43 -2.43 0.00	-20.97 -4.12 85.39	-22.21 -1.73 50.72	21.27 -1.05 0.00	27.35 -1.15 0.00	35.57 -0.91 0.00	36.85 -0.67 0.00	36.09 -0.29 0.00	31.35 -0.44 0.00	29.28 -0.26 0.00	15.03 -0.17 0.00	14.07 -0.28 0.00
AMERICAN_REF_FUEL 24010	18.56 -1.17 2.81	16.99 -1.03 1.26	13.20 -0.90 4.39	8.66 -0.92 7.83	12.06 -0.84 4.79	18.51 -0.60 0.00	18.35 -0.59 0.00	18.20 -0.73 0.06	14.96 -0.86 4.50	7.90 -1.08 12.70	11.56 -1.18 7.50	21.96 -1.38 0.11	25.50 -2.25 14.11	18.01 -3.51 47.02	24.98 -1.78 3.46	20.20 -1.31 0.80	26.77 -1.73 0.00	34.27 -2.10 0.11	34.51 -2.56 0.44	33.88 -2.50 0.00	26.17 -2.18 3.45	21.26 -1.88 6.40	13.70 -0.93 0.57	6.48 -0.64 7.23
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.66 -1.36 3.52	16.47 -1.23 1.57	11.78 -1.23 5.48	6.49 -1.13 9.80	10.64 -1.06 5.99	18.16 -0.94 0.00	18.04 -0.90 0.00	18.02 -0.90 0.08	13.55 -1.14 5.62	4.45 -1.36 15.87	9.37 -1.48 9.38	21.71 -1.61 0.14	21.63 -2.58 17.65	5.94 -3.89 58.71	24.50 -1.41 4.33	20.45 -0.87 1.00	27.68 -0.82 0.00	34.61 -1.73 0.14	34.55 -2.41 0.55	34.07 -2.31 0.00	25.40 -2.12 4.28	20.63 -1.80 7.11	13.66 -0.83 0.72	4.56 -0.75 9.04
ARTHUR KILL_GT_1 23520	24.07 1.53 0.00	20.64 1.36 0.00	19.73 1.23 0.00	18.57 1.16 0.00	18.81 1.12 0.00	20.23 1.12 0.00	20.06 1.12 0.00	20.15 1.15 0.00	21.62 1.31 0.00	23.16 1.48 0.00	21.69 1.45 0.00	25.11 1.66 0.00	44.77 2.91 0.00	73.49 4.95 0.00	42.02 2.13 -9.67	39.32 1.60 -15.41	38.80 2.05 -8.24	39.09 2.33 -0.28	40.15 2.40 -0.24	39.70 2.39 -0.93	38.87 2.15 -4.93	39.18 1.94 -7.69	62.12 1.01 -45.91	37.34 0.89 -22.09
ARTHUR_KILL_2 23512	24.00 1.46 0.00	20.58 1.30 0.00	19.67 1.18 0.00	18.52 1.11 0.00	18.75 1.07 0.00	20.17 1.07 0.00	20.01 1.07 0.00	20.09 1.09 0.00	21.57 1.25 0.00	23.09 1.42 0.00	21.63 1.39 0.00	25.04 1.59 0.00	44.65 2.79 0.00	73.29 4.75 0.00	41.92 2.03 -9.67	39.24 1.52 -15.41	38.70 1.96 -8.24	38.96 2.21 -0.28	40.03 2.28 -0.24	39.57 2.25 -0.93	38.76 2.04 -4.93	39.08 1.84 -7.69	62.07 0.96 -45.91	37.29 0.84 -22.09
ARTHUR_KILL_3 23513	23.95 1.41 0.00	20.55 1.27 0.00	19.66 1.17 0.00	18.51 1.10 0.00	18.75 1.06 0.00	20.17 1.07 0.00	19.98 1.04 0.00	20.09 1.10 0.00	21.56 1.24 0.00	23.09 1.41 0.00	21.64 1.40 0.00	25.00 1.55 0.00	44.69 2.83 0.00	73.29 4.75 0.00	41.86 1.96 -9.67	39.21 1.48 -15.41	38.67 1.92 -8.25	38.86 2.10 -0.28	39.93 2.18 -0.24	39.46 2.15 -0.93	38.67 1.96 -4.93	38.99 1.75 -7.69	62.03 0.91 -45.92	37.27 0.82 -22.09

ARTHUR_KILL_COGEN 323718	24.07 1.53 0.00	20.64 1.36 0.00	19.73 1.23 0.00	18.57 1.16 0.00	18.81 1.12 0.00	20.23 1.12 0.00	20.06 1.12 0.00	20.15 1.15 0.00	21.62 1.31 0.00	23.16 1.48 0.00	21.69 1.45 0.00	25.11 1.66 0.00	44.77 2.91 0.00	73.49 4.95 0.00	42.02 2.13 -9.67	39.32 1.60 -15.41	38.80 2.05 -8.24	39.09 2.33 -0.28	40.15 2.40 -0.24	39.70 2.39 -0.93	38.87 2.15 -4.93	39.18 1.94 -7.69	62.12 1.01 -45.91	37.34 0.89 -22.09
ASHOKAN____ 23654	23.62 1.07 0.00	20.25 0.97 0.00	19.40 0.91 0.00	18.30 0.90 0.00	18.57 0.89 0.00	19.96 0.85 0.00	19.77 0.82 0.00	19.89 0.89 0.00	21.41 1.10 0.00	22.89 1.22 0.00	21.31 1.07 0.00	24.76 1.32 0.00	44.32 2.46 0.00	72.65 4.12 0.00	32.01 1.78 0.00	23.61 1.30 0.00	30.44 1.95 0.00	38.77 2.29 0.00	39.85 2.34 0.00	38.59 2.21 0.00	33.74 1.94 0.00	31.30 1.76 0.00	15.99 0.79 0.00	15.04 0.68 0.00
ASTORIA_EAST_ENERGY_CC1 323581	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.85 1.17 0.00	20.24 1.13 0.00	20.11 1.17 0.00	20.17 1.18 0.00	21.67 1.35 0.00	23.20 1.52 0.00	21.73 1.49 0.00	25.12 1.67 0.00	44.88 3.02 0.00	73.61 5.07 0.00	41.96 2.06 -9.67	39.26 1.54 -15.41	38.73 1.99 -8.24	38.99 2.23 -0.28	40.07 2.31 -0.24	39.63 2.31 -0.93	38.80 2.08 -4.93	39.14 1.91 -7.69	62.12 1.00 -45.91	37.35 0.91 -22.09
ASTORIA_EAST_ENERGY_CC2 323582	24.11 1.57 0.00	20.68 1.41 0.00	19.76 1.27 0.00	18.61 1.20 0.00	18.85 1.17 0.00	20.24 1.13 0.00	20.11 1.17 0.00	20.17 1.18 0.00	21.67 1.35 0.00	23.20 1.52 0.00	21.73 1.49 0.00	25.12 1.67 0.00	44.88 3.02 0.00	73.61 5.07 0.00	41.96 2.06 -9.67	39.26 1.54 -15.41	38.73 1.99 -8.24	38.99 2.23 -0.28	40.07 2.31 -0.24	39.63 2.31 -0.93	38.80 2.08 -4.93	39.14 1.91 -7.69	62.12 1.00 -45.91	37.35 0.91 -22.09
ASTORIA_GT2_1 24094	24.12 1.58 0.00	20.69 1.41 0.00	19.76 1.27 0.00	18.60 1.20 0.00	18.86 1.18 0.00	20.25 1.14 0.00	20.13 1.18 0.00	20.17 1.18 0.00	21.66 1.34 0.00	23.18 1.51 0.00	21.71 1.48 0.00	25.14 1.69 0.00	44.89 3.03 0.00	73.58 5.04 0.00	41.98 2.08 -9.67	39.27 1.55 -15.41	38.74 2.00 -8.24	39.02 2.25 -0.28	40.09 2.33 -0.24	39.64 2.33 -0.93	38.82 2.10 -4.93	39.15 1.92 -7.69	62.13 1.02 -45.91	37.36 0.91 -22.09
ASTORIA_GT2_2 24095	24.12 1.58 0.00	20.69 1.41 0.00	19.76 1.27 0.00	18.60 1.20 0.00	18.86 1.18 0.00	20.25 1.14 0.00	20.13 1.18 0.00	20.17 1.18 0.00	21.66 1.34 0.00	23.18 1.51 0.00	21.71 1.48 0.00	25.14 1.69 0.00	44.89 3.03 0.00	73.58 5.04 0.00	41.98 2.08 -9.67	39.27 1.55 -15.41	38.74 2.00 -8.24	39.02 2.25 -0.28	40.09 2.33 -0.24	39.64 2.33 -0.93	38.82 2.10 -4.93	39.15 1.92 -7.69	62.13 1.02 -45.91	37.36 0.91 -22.09
ASTORIA_GT2_3 24096	24.12 1.58 0.00	20.69 1.41 0.00	19.76 1.27 0.00	18.60 1.20 0.00	18.86 1.18 0.00	20.25 1.14 0.00	20.13 1.18 0.00	20.17 1.18 0.00	21.66 1.34 0.00	23.18 1.51 0.00	21.71 1.48 0.00	25.14 1.69 0.00	44.89 3.03 0.00	73.58 5.04 0.00	41.98 2.08 -9.67	39.27 1.55 -15.41	38.74 2.00 -8.24	39.02 2.25 -0.28	40.09 2.33 -0.24	39.64 2.33 -0.93	38.82 2.10 -4.93	39.15 1.92 -7.69	62.13 1.02 -45.91	37.36 0.91 -22.09
ASTORIA_GT2_4 24097	24.12 1.58 0.00	20.69 1.41 0.00	19.76 1.27 0.00	18.60 1.20 0.00	18.86 1.18 0.00	20.25 1.14 0.00	20.13 1.18 0.00	20.17 1.18 0.00	21.66 1.34 0.00	23.18 1.51 0.00	21.71 1.48 0.00	25.14 1.69 0.00	44.89 3.03 0.00	73.58 5.04 0.00	41.98 2.08 -9.67	39.27 1.55 -15.41	38.74 2.00 -8.24	39.02 2.25 -0.28	40.09 2.33 -0.24	39.64 2.33 -0.93	38.82 2.10 -4.93	39.15 1.92 -7.69	62.13 1.02 -45.91	37.36 0.91 -22.09
ASTORIA_GT3_1 24098	24.12 1.58 0.00	20.69 1.41 0.00	19.76 1.27 0.00	18.60 1.20 0.00	18.86 1.18 0.00	20.25 1.14 0.00	20.13 1.18 0.00	20.17 1.18 0.00	21.66 1.34 0.00	23.18 1.51 0.00	21.71 1.48 0.00	25.14 1.69 0.00	44.89 3.03 0.00	73.58 5.04 0.00	41.98 2.08 -9.67	39.27 1.55 -15.41	38.74 2.00 -8.24	39.02 2.25 -0.28	40.09 2.33 -0.24	39.64 2.33 -0.93	38.82 2.10 -4.93	39.15 1.92 -7.69	62.13 1.02 -45.91	37.36 0.91 -22.09
ASTORIA_GT3_2 24099	24.12 1.58 0.00	20.69 1.41 0.00	19.76 1.27 0.00	18.60 1.20 0.00	18.86 1.18 0.00	20.25 1.14 0.00	20.13 1.18 0.00	20.17 1.18 0.00	21.66 1.34 0.00	23.18 1.51 0.00	21.71 1.48 0.00	25.14 1.69 0.00	44.89 3.03 0.00	73.58 5.04 0.00	41.98 2.08 -9.67	39.27 1.55 -15.41	38.74 2.00 -8.24	39.02 2.25 -0.28	40.09 2.33 -0.24	39.64 2.33 -0.93	38.82 2.10 -4.93	39.15 1.92 -7.69	62.13 1.02 -45.91	37.36 0.91 -22.09
ASTORIA_GT3_3 24100	24.12 1.58 0.00	20.69 1.41 0.00	19.76 1.27 0.00	18.60 1.20 0.00	18.86 1.18 0.00	20.25 1.14 0.00	20.13 1.18 0.00	20.17 1.18 0.00	21.66 1.34 0.00	23.18 1.51 0.00	21.71 1.48 0.00	25.14 1.69 0.00	44.89 3.03 0.00	73.58 5.04 0.00	41.98 2.08 -9.67	39.27 1.55 -15.41	38.74 2.00 -8.24	39.02 2.25 -0.28	40.09 2.33 -0.24	39.64 2.33 -0.93	38.82 2.10 -4.93	39.15 1.92 -7.69	62.13 1.02 -45.91	37.36 0.91 -22.09
ASTORIA_GT3_4 24101	24.12 1.58 0.00	20.69 1.41 0.00	19.76 1.27 0.00	18.60 1.20 0.00	18.86 1.18 0.00	20.25 1.14 0.00	20.13 1.18 0.00	20.17 1.18 0.00	21.66 1.34 0.00	23.18 1.51 0.00	21.71 1.48 0.00	25.14 1.69 0.00	44.89 3.03 0.00	73.58 5.04 0.00	41.98 2.08 -9.67	39.27 1.55 -15.41	38.74 2.00 -8.24	39.02 2.25 -0.28	40.09 2.33 -0.24	39.64 2.33 -0.93	38.82 2.10 -4.93	39.15 1.92 -7.69	62.13 1.02 -45.91	37.36 0.91 -22.09
ASTORIA_GT4_1 24102	24.12 1.58 0.00	20.69 1.41 0.00	19.76 1.27 0.00	18.60 1.20 0.00	18.86 1.18 0.00	20.25 1.14 0.00	20.13 1.18 0.00	20.17 1.18 0.00	21.66 1.34 0.00	23.18 1.51 0.00	21.71 1.48 0.00	25.14 1.69 0.00	44.89 3.03 0.00	73.58 5.04 0.00	41.98 2.08 -9.67	39.27 1.55 -15.41	38.74 2.00 -8.24	39.02 2.25 -0.28	40.09 2.33 -0.24	39.64 2.33 -0.93	38.82 2.10 -4.93	39.15 1.92 -7.69	62.13 1.02 -45.91	37.36 0.91 -22.09
ASTORIA_GT4_2 24103	24.12 1.58 0.00	20.69 1.41 0.00	19.76 1.27 0.00	18.60 1.20 0.00	18.86 1.18 0.00	20.25 1.14 0.00	20.13 1.18 0.00	20.17 1.18 0.00	21.66 1.34 0.00	23.18 1.51 0.00	21.71 1.48 0.00	25.14 1.69 0.00	44.89 3.03 0.00	73.58 5.04 0.00	41.98 2.08 -9.67	39.27 1.55 -15.41	38.74 2.00 -8.24	39.02 2.25 -0.28	40.09 2.33 -0.24	39.64 2.33 -0.93	38.82 2.10 -4.93	39.15 1.92 -7.69	62.13 1.02 -45.91	37.36 0.91 -22.09
ASTORIA_GT4_3 24104	24.12 1.58 0.00	20.69 1.41 0.00	19.76 1.27 0.00	18.60 1.20 0.00	18.86 1.18 0.00	20.25 1.14 0.00	20.13 1.18 0.00	20.17 1.18 0.00	21.66 1.34 0.00	23.18 1.51 0.00	21.71 1.48 0.00	25.14 1.69 0.00	44.89 3.03 0.00	73.58 5.04 0.00	41.98 2.08 -9.67	39.27 1.55 -15.41	38.74 2.00 -8.24	39.02 2.25 -0.28	40.09 2.33 -0.24	39.64 2.33 -0.93	38.82 2.10 -4.93	39.15 1.92 -7.69	62.13 1.02 -45.91	37.36 0.91 -22.09

ASTORIA_GT4_4 24105	24.12 1.58 0.00	20.69 1.41 0.00	19.76 1.27 0.00	18.60 1.20 0.00	18.86 1.18 0.00	20.25 1.14 0.00	20.13 1.18 0.00	20.17 1.18 0.00	21.66 1.34 0.00	23.18 1.51 0.00	21.71 1.48 0.00	25.14 1.69 0.00	44.89 3.03 0.00	73.58 5.04 0.00	41.98 2.08 -9.67	39.27 1.55 -15.41	38.74 2.00 -8.24	39.02 2.25 -0.28	40.09 2.33 -0.24	39.64 2.33 -0.93	38.82 2.10 -4.93	39.15 1.92 -7.69	62.13 1.02 -45.91	37.36 0.91 -22.09
ASTORIA_GT_1 23523	24.17 1.62 0.00	20.73 1.45 0.00	19.80 1.31 0.00	18.65 1.24 0.00	18.89 1.20 0.00	20.28 1.17 0.00	20.16 1.21 0.00	20.22 1.22 0.00	21.71 1.40 0.00	23.25 1.58 0.00	21.77 1.54 0.00	25.18 1.74 0.00	44.98 3.13 0.00	73.79 5.25 0.00	42.04 2.14 -9.67	39.32 1.60 -15.41	38.80 2.06 -8.24	39.09 2.33 -0.28	40.16 2.41 -0.24	39.72 2.40 -0.93	38.89 2.17 -4.93	39.22 1.98 -7.69	62.16 1.05 -45.91	37.39 0.95 -22.09
ASTORIA_GT_10 24110	24.06 1.51 0.00	20.65 1.38 0.00	19.75 1.25 0.00	18.59 1.18 0.00	18.84 1.15 0.00	20.26 1.16 0.00	20.10 1.16 0.00	20.19 1.19 0.00	21.65 1.33 0.00	23.17 1.49 0.00	21.71 1.47 0.00	25.15 1.70 0.00	44.87 3.01 0.00	73.47 4.93 0.00	42.00 2.11 -9.67	39.34 1.62 -15.41	38.80 2.06 -8.24	39.07 2.31 -0.28	40.12 2.37 -0.24	39.66 2.34 -0.93	38.84 2.12 -4.93	39.14 1.91 -7.69	62.11 0.99 -45.91	37.32 0.87 -22.09
ASTORIA_GT_11 24225	24.06 1.51 0.00	20.65 1.38 0.00	19.75 1.25 0.00	18.59 1.18 0.00	18.84 1.15 0.00	20.26 1.16 0.00	20.10 1.16 0.00	20.19 1.19 0.00	21.65 1.33 0.00	23.17 1.49 0.00	21.71 1.47 0.00	25.15 1.70 0.00	44.87 3.01 0.00	73.47 4.93 0.00	42.00 2.11 -9.67	39.34 1.62 -15.41	38.80 2.06 -8.24	39.07 2.31 -0.28	40.12 2.37 -0.24	39.66 2.34 -0.93	38.84 2.12 -4.93	39.14 1.91 -7.69	62.11 0.99 -45.91	37.32 0.87 -22.09
ASTORIA_GT_12 24226	24.06 1.51 0.00	20.65 1.38 0.00	19.75 1.25 0.00	18.59 1.18 0.00	18.84 1.15 0.00	20.26 1.16 0.00	20.10 1.16 0.00	20.19 1.19 0.00	21.65 1.33 0.00	23.17 1.49 0.00	21.71 1.47 0.00	25.15 1.70 0.00	44.87 3.01 0.00	73.47 4.93 0.00	42.00 2.11 -9.67	39.34 1.62 -15.41	38.80 2.06 -8.24	39.07 2.31 -0.28	40.12 2.37 -0.24	39.66 2.34 -0.93	38.84 2.12 -4.93	39.14 1.91 -7.69	62.11 0.99 -45.91	37.32 0.87 -22.09
ASTORIA_GT_13 24227	24.06 1.51 0.00	20.65 1.38 0.00	19.75 1.25 0.00	18.59 1.18 0.00	18.84 1.15 0.00	20.26 1.16 0.00	20.10 1.16 0.00	20.19 1.19 0.00	21.65 1.33 0.00	23.17 1.49 0.00	21.71 1.47 0.00	25.15 1.70 0.00	44.87 3.01 0.00	73.47 4.93 0.00	42.00 2.11 -9.67	39.34 1.62 -15.41	38.80 2.06 -8.24	39.07 2.31 -0.28	40.12 2.37 -0.24	39.66 2.34 -0.93	38.84 2.12 -4.93	39.14 1.91 -7.69	62.11 0.99 -45.91	37.32 0.87 -22.09
ASTORIA_GT_5 24106	24.16 1.62 0.00	20.72 1.45 0.00	19.79 1.29 0.00	18.64 1.23 0.00	18.88 1.20 0.00	20.28 1.17 0.00	20.16 1.21 0.00	20.21 1.21 0.00	21.70 1.39 0.00	23.22 1.54 0.00	21.75 1.52 0.00	25.19 1.74 0.00	44.98 3.13 0.00	73.73 5.19 0.00	42.04 2.14 -9.67	39.32 1.60 -15.41	38.80 2.06 -8.24	39.10 2.34 -0.28	40.16 2.41 -0.24	39.72 2.40 -0.93	38.88 2.16 -4.93	39.21 1.98 -7.69	62.16 1.04 -45.91	37.38 0.94 -22.09
ASTORIA_GT_7 24107	24.16 1.62 0.00	20.72 1.45 0.00	19.79 1.29 0.00	18.64 1.23 0.00	18.88 1.20 0.00	20.28 1.17 0.00	20.16 1.21 0.00	20.21 1.21 0.00	21.70 1.39 0.00	23.22 1.54 0.00	21.75 1.52 0.00	25.19 1.74 0.00	44.98 3.13 0.00	73.73 5.19 0.00	42.04 2.14 -9.67	39.32 1.60 -15.41	38.80 2.06 -8.24	39.10 2.34 -0.28	40.16 2.41 -0.24	39.72 2.40 -0.93	38.88 2.16 -4.93	39.21 1.98 -7.69	62.16 1.04 -45.91	37.38 0.94 -22.09
ASTORIA_GT_8 24108	24.16 1.62 0.00	20.72 1.45 0.00	19.79 1.29 0.00	18.64 1.23 0.00	18.88 1.20 0.00	20.28 1.17 0.00	20.16 1.21 0.00	20.21 1.21 0.00	21.70 1.39 0.00	23.22 1.54 0.00	21.75 1.52 0.00	25.19 1.74 0.00	44.98 3.13 0.00	73.73 5.19 0.00	42.04 2.14 -9.67	39.32 1.60 -15.41	38.80 2.06 -8.24	39.10 2.34 -0.28	40.16 2.41 -0.24	39.72 2.40 -0.93	38.88 2.16 -4.93	39.21 1.98 -7.69	62.16 1.04 -45.91	37.38 0.94 -22.09
ASTORIA___2 24149	24.12 1.58 0.00	20.69 1.42 0.00	19.77 1.28 0.00	18.62 1.21 0.00	18.86 1.18 0.00	20.24 1.14 0.00	20.13 1.18 0.00	20.18 1.18 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.73 1.50 0.00	25.14 1.69 0.00	44.89 3.03 0.00	73.64 5.10 0.00	41.97 2.08 -9.67	39.27 1.55 -15.41	38.74 2.00 -8.24	39.02 2.25 -0.28	40.09 2.34 -0.24	39.64 2.33 -0.93	38.83 2.10 -4.93	39.16 1.92 -7.69	62.13 1.02 -45.91	37.37 0.92 -22.09
ASTORIA___3 23516	24.06 1.52 0.00	20.65 1.38 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.26 1.16 0.00	20.10 1.15 0.00	20.19 1.20 0.00	21.66 1.35 0.00	23.19 1.52 0.00	21.73 1.49 0.00	25.14 1.69 0.00	44.88 3.02 0.00	73.52 4.98 0.00	41.99 2.10 -9.67	39.34 1.62 -15.41	38.80 2.06 -8.24	39.07 2.31 -0.28	40.12 2.37 -0.24	39.66 2.35 -0.93	38.84 2.12 -4.93	39.15 1.92 -7.69	62.11 0.99 -45.91	37.33 0.88 -22.09
ASTORIA___4 23517	24.06 1.51 0.00	20.65 1.38 0.00	19.75 1.25 0.00	18.59 1.18 0.00	18.84 1.15 0.00	20.26 1.16 0.00	20.10 1.16 0.00	20.19 1.19 0.00	21.65 1.33 0.00	23.17 1.49 0.00	21.71 1.47 0.00	25.15 1.70 0.00	44.87 3.01 0.00	73.47 4.93 0.00	42.00 2.11 -9.67	39.34 1.62 -15.41	38.80 2.06 -8.24	39.07 2.31 -0.28	40.12 2.37 -0.24	39.66 2.34 -0.93	38.84 2.12 -4.93	39.14 1.91 -7.69	62.11 0.99 -45.91	37.32 0.87 -22.09
ASTORIA___5 23518	24.06 1.52 0.00	20.65 1.38 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.26 1.16 0.00	20.10 1.15 0.00	20.19 1.20 0.00	21.66 1.35 0.00	23.19 1.51 0.00	21.73 1.49 0.00	25.14 1.69 0.00	44.87 3.02 0.00	73.52 4.98 0.00	41.99 2.10 -9.67	39.34 1.62 -15.41	38.80 2.06 -8.24	39.07 2.31 -0.28	40.12 2.37 -0.24	39.66 2.35 -0.93	38.84 2.12 -4.93	39.15 1.92 -7.69	62.11 0.99 -45.91	37.33 0.88 -22.09
AST_ENERGY_2_CC3 323677	23.99 1.45 0.00	20.59 1.31 0.00	19.70 1.21 0.00	18.56 1.15 0.00	18.79 1.11 0.00	20.22 1.11 0.00	20.03 1.09 0.00	20.15 1.15 0.00	21.60 1.29 0.00	23.13 1.45 0.00	21.68 1.45 0.00	25.07 1.62 0.00	44.78 2.93 0.00	73.40 4.86 0.00	41.92 2.02 -9.67	39.25 1.53 -15.41	38.72 1.98 -8.25	38.95 2.19 -0.28	40.01 2.27 -0.24	39.55 2.24 -0.93	38.75 2.03 -4.93	39.05 1.82 -7.69	62.07 0.95 -45.92	37.29 0.84 -22.09
AST_ENERGY_2_CC4 323678	23.99 1.45 0.00	20.59 1.31 0.00	19.70 1.21 0.00	18.56 1.15 0.00	18.79 1.11 0.00	20.22 1.11 0.00	20.03 1.09 0.00	20.15 1.15 0.00	21.60 1.29 0.00	23.13 1.45 0.00	21.68 1.45 0.00	25.07 1.62 0.00	44.78 2.93 0.00	73.40 4.86 0.00	41.92 2.02 -9.67	39.25 1.53 -15.41	38.72 1.98 -8.25	38.95 2.19 -0.28	40.01 2.27 -0.24	39.55 2.24 -0.93	38.75 2.03 -4.93	39.05 1.82 -7.69	62.07 0.95 -45.92	37.29 0.84 -22.09

ATHENS_STG_1 23668	23.24 0.70 0.00	19.95 0.67 0.00	19.13 0.64 0.00	18.04 0.63 0.00	18.29 0.60 0.00	19.71 0.60 0.00	19.51 0.56 0.00	19.57 0.58 0.00	20.97 0.65 0.00	22.40 0.72 0.00	20.95 0.71 0.00	24.27 0.82 0.00	43.31 1.45 0.00	70.93 2.39 0.00	31.23 1.00 0.00	23.07 0.75 0.00	29.53 1.03 0.00	37.62 1.14 0.00	38.69 1.17 0.00	37.52 1.14 0.00	32.83 1.03 0.00	30.47 0.93 0.00	15.68 0.48 0.00	14.80 0.44 0.00
ATHENS_STG_2 23670	23.24 0.70 0.00	19.95 0.67 0.00	19.13 0.64 0.00	18.04 0.63 0.00	18.29 0.60 0.00	19.71 0.60 0.00	19.51 0.56 0.00	19.57 0.58 0.00	20.97 0.65 0.00	22.40 0.72 0.00	20.95 0.71 0.00	24.27 0.82 0.00	43.31 1.45 0.00	70.93 2.39 0.00	31.23 1.00 0.00	23.07 0.75 0.00	29.53 1.03 0.00	37.62 1.14 0.00	38.69 1.17 0.00	37.52 1.14 0.00	32.83 1.03 0.00	30.47 0.93 0.00	15.68 0.48 0.00	14.80 0.44 0.00
ATHENS_STG_3 23677	23.24 0.70 0.00	19.95 0.67 0.00	19.13 0.64 0.00	18.04 0.63 0.00	18.29 0.60 0.00	19.71 0.60 0.00	19.51 0.56 0.00	19.57 0.58 0.00	20.97 0.65 0.00	22.40 0.72 0.00	20.95 0.71 0.00	24.27 0.82 0.00	43.31 1.45 0.00	70.93 2.39 0.00	31.23 1.00 0.00	23.07 0.75 0.00	29.53 1.03 0.00	37.62 1.14 0.00	38.69 1.17 0.00	37.52 1.14 0.00	32.83 1.03 0.00	30.47 0.93 0.00	15.68 0.48 0.00	14.80 0.44 0.00
AUBURN___LFGE 323710	23.08 -0.05 -0.59	19.50 -0.04 -0.27	19.36 -0.06 -0.92	19.00 -0.06 -1.65	18.64 -0.05 -1.01	19.11 0.00 0.00	18.93 -0.01 0.00	19.01 0.00 -0.01	21.28 0.00 -0.96	24.36 -0.03 -2.71	21.76 -0.08 -1.60	23.44 -0.03 -0.02	44.95 0.08 -3.02	78.70 0.12 -10.04	30.94 -0.03 -0.74	22.46 -0.03 -0.17	28.53 0.04 0.00	36.61 0.11 -0.02	37.67 0.07 -0.09	36.52 0.14 0.00	32.66 0.14 -0.73	30.87 0.07 -1.26	15.35 0.02 -0.12	15.94 0.04 -1.55
BABYLON_RES_REC 323704	49.16 2.15 -24.47	24.96 1.90 -3.78	20.25 1.76 0.00	19.07 1.66 0.00	19.34 1.66 0.00	20.76 1.66 0.00	20.42 1.48 0.00	20.40 1.40 0.00	21.90 1.59 0.00	23.43 1.75 0.00	27.62 1.89 -5.48	30.52 2.17 -4.91	45.54 3.68 0.00	76.01 5.93 -1.54	42.42 2.62 -9.57	39.62 2.05 -15.26	45.64 2.67 -14.47	41.56 2.90 -2.18	41.37 3.10 -0.76	40.40 3.10 -0.93	39.43 2.76 -4.88	39.64 2.49 -7.61	62.10 1.24 -45.65	37.38 1.05 -21.97
BABYLON__69_KV_BK2 356345	50.25 2.43 -25.28	25.20 2.14 -3.78	20.48 1.99 0.00	19.29 1.87 0.00	19.56 1.88 0.00	21.01 1.90 0.00	20.63 1.69 0.00	20.60 1.61 0.00	22.12 1.81 0.00	23.67 1.99 0.00	27.84 2.13 -5.48	30.82 2.46 -4.91	46.05 4.19 0.00	76.76 6.68 -1.54	42.87 3.07 -9.57	39.93 2.36 -15.26	60.09 3.02 -28.57	47.02 3.26 -7.27	43.20 3.54 -2.15	40.90 3.59 -0.93	39.87 3.19 -4.88	40.02 2.87 -7.61	62.29 1.43 -45.65	37.53 1.20 -21.97
BALL_HILL_WT_PWR 323825	18.32 -0.91 3.31	16.98 -0.82 1.48	12.52 -0.81 5.17	7.40 -0.79 9.23	11.35 -0.70 5.64	18.57 -0.54 0.00	18.42 -0.52 0.00	18.38 -0.54 0.08	14.32 -0.70 5.29	5.82 -0.90 14.95	10.37 -1.04 8.83	22.18 -1.14 0.13	23.44 -1.80 16.62	10.36 -2.76 55.41	24.95 -1.20 4.08	20.59 -0.79 0.94	27.62 -0.87 0.00	35.09 -1.26 0.13	35.20 -1.80 0.52	34.67 -1.72 0.00	26.14 -1.57 4.08	20.22 -1.34 7.98	13.90 -0.63 0.67	5.34 -0.50 8.52
BARON_WINDS___WT_PWR 323822	15.73 -1.10 5.71	15.75 -0.97 2.56	8.55 -1.02 8.92	0.57 -0.95 15.90	7.06 -0.89 9.74	18.24 -0.87 0.00	18.08 -0.87 0.00	18.08 -0.79 0.13	10.22 -0.96 9.14	-5.45 -1.07 26.05	3.93 -1.03 15.28	21.92 -1.31 0.22	10.81 -2.34 28.71	-32.22 -3.37 97.39	21.69 -1.50 7.04	19.68 -1.01 1.62	27.25 -1.25 0.00	34.96 -1.29 0.22	35.13 -1.49 0.90	35.09 -1.29 0.00	22.76 -1.37 7.67	-2.43 -1.31 30.66	13.37 -0.67 1.17	-1.03 -0.67 14.71
BARRETT_IC_1 23704	48.55 1.85 -24.16	24.70 1.64 -3.78	20.01 1.52 0.00	18.84 1.44 0.00	19.11 1.43 0.00	20.53 1.43 0.00	20.23 1.29 0.00	20.24 1.24 0.00	21.71 1.40 0.00	23.22 1.55 0.00	27.45 1.72 -5.48	30.32 1.97 -4.91	45.32 3.44 -0.03	76.21 5.25 -2.42	42.08 2.28 -9.57	39.32 1.75 -15.26	38.96 2.30 -8.17	39.31 2.55 -0.28	40.46 2.71 -0.24	39.98 2.67 -0.93	39.06 2.39 -4.88	39.33 2.17 -7.61	61.95 1.10 -45.65	37.22 0.90 -21.97
BARRETT_IC_10 23701	48.55 1.85 -24.16	24.70 1.64 -3.78	20.01 1.52 0.00	18.84 1.44 0.00	19.11 1.43 0.00	20.53 1.43 0.00	20.23 1.29 0.00	20.24 1.24 0.00	21.71 1.40 0.00	23.22 1.55 0.00	27.45 1.72 -5.48	30.32 1.97 -4.91	45.32 3.44 -0.03	76.21 5.25 -2.42	42.08 2.28 -9.57	39.32 1.75 -15.26	38.96 2.30 -8.17	39.31 2.55 -0.28	40.46 2.71 -0.24	39.98 2.67 -0.93	39.06 2.39 -4.88	39.33 2.17 -7.61	61.95 1.10 -45.65	37.22 0.90 -21.97
BARRETT_IC_11 23702	48.55 1.85 -24.16	24.70 1.64 -3.78	20.01 1.52 0.00	18.84 1.44 0.00	19.11 1.43 0.00	20.53 1.43 0.00	20.23 1.29 0.00	20.24 1.24 0.00	21.71 1.40 0.00	23.22 1.55 0.00	27.45 1.72 -5.48	30.32 1.97 -4.91	45.32 3.44 -0.03	76.21 5.25 -2.42	42.08 2.28 -9.57	39.32 1.75 -15.26	38.96 2.30 -8.17	39.31 2.55 -0.28	40.46 2.71 -0.24	39.98 2.67 -0.93	39.06 2.39 -4.88	39.33 2.17 -7.61	61.95 1.10 -45.65	37.22 0.90 -21.97
BARRETT_IC_12 23703	48.55 1.85 -24.16	24.70 1.64 -3.78	20.01 1.52 0.00	18.84 1.44 0.00	19.11 1.43 0.00	20.53 1.43 0.00	20.23 1.29 0.00	20.24 1.24 0.00	21.71 1.40 0.00	23.22 1.55 0.00	27.45 1.72 -5.48	30.32 1.97 -4.91	45.32 3.44 -0.03	76.21 5.25 -2.42	42.08 2.28 -9.57	39.32 1.75 -15.26	38.96 2.30 -8.17	39.31 2.55 -0.28	40.46 2.71 -0.24	39.98 2.67 -0.93	39.06 2.39 -4.88	39.33 2.17 -7.61	61.95 1.10 -45.65	37.22 0.90 -21.97
BARRETT_IC_2 23705	48.55 1.85 -24.16	24.70 1.64 -3.78	20.01 1.52 0.00	18.84 1.44 0.00	19.11 1.43 0.00	20.53 1.43 0.00	20.23 1.29 0.00	20.24 1.24 0.00	21.71 1.40 0.00	23.22 1.55 0.00	27.45 1.72 -5.48	30.32 1.97 -4.91	45.32 3.44 -0.03	76.21 5.25 -2.42	42.08 2.28 -9.57	39.32 1.75 -15.26	38.96 2.30 -8.17	39.31 2.55 -0.28	40.46 2.71 -0.24	39.98 2.67 -0.93	39.06 2.39 -4.88	39.33 2.17 -7.61	61.95 1.10 -45.65	37.22 0.90 -21.97
BARRETT_IC_3 23706	48.55 1.85 -24.16	24.70 1.64 -3.78	20.01 1.52 0.00	18.84 1.44 0.00	19.11 1.43 0.00	20.53 1.43 0.00	20.23 1.29 0.00	20.24 1.24 0.00	21.71 1.40 0.00	23.22 1.55 0.00	27.45 1.72 -5.48	30.32 1.97 -4.91	45.32 3.44 -0.03	76.21 5.25 -2.42	42.08 2.28 -9.57	39.32 1.75 -15.26	38.96 2.30 -8.17	39.31 2.55 -0.28	40.46 2.71 -0.24	39.98 2.67 -0.93	39.06 2.39 -4.88	39.33 2.17 -7.61	61.95 1.10 -45.65	37.22 0.90 -21.97
BARRETT_IC_4 23707	48.55 1.85 -24.16	24.70 1.64 -3.78	20.01 1.52 0.00	18.84 1.44 0.00	19.11 1.43 0.00	20.53 1.43 0.00	20.23 1.29 0.00	20.24 1.24 0.00	21.71 1.40 0.00	23.22 1.55 0.00	27.45 1.72 -5.48	30.32 1.97 -4.91	45.32 3.44 -0.03	76.21 5.25 -2.42	42.08 2.28 -9.57	39.32 1.75 -15.26	38.96 2.30 -8.17	39.31 2.55 -0.28	40.46 2.71 -0.24	39.98 2.67 -0.93	39.06 2.39 -4.88	39.33 2.17 -7.61	61.95 1.10 -45.65	37.22 0.90 -21.97

BARRETT_IC_5 23708	48.55 1.85 -24.16	24.70 1.64 -3.78	20.01 1.52 0.00	18.84 1.44 0.00	19.11 1.43 0.00	20.53 1.43 0.00	20.23 1.29 0.00	20.24 1.24 0.00	21.71 1.40 0.00	23.22 1.55 0.00	27.45 1.72 -5.48	30.32 1.97 -4.91	45.32 3.44 -0.03	76.21 5.25 -2.42	42.08 2.28 -9.57	39.32 1.75 -15.26	38.96 2.30 -8.17	39.31 2.55 -0.28	40.46 2.71 -0.24	39.98 2.67 -0.93	39.06 2.39 -4.88	39.33 2.17 -7.61	61.95 1.10 -45.65	37.22 0.90 -21.97
BARRETT_IC_6 23709	48.55 1.85 -24.16	24.70 1.64 -3.78	20.01 1.52 0.00	18.84 1.44 0.00	19.11 1.43 0.00	20.53 1.43 0.00	20.23 1.29 0.00	20.24 1.24 0.00	21.71 1.40 0.00	23.22 1.55 0.00	27.45 1.72 -5.48	30.32 1.97 -4.91	45.32 3.44 -0.03	76.21 5.25 -2.42	42.08 2.28 -9.57	39.32 1.75 -15.26	38.96 2.30 -8.17	39.31 2.55 -0.28	40.46 2.71 -0.24	39.98 2.67 -0.93	39.06 2.39 -4.88	39.33 2.17 -7.61	61.95 1.10 -45.65	37.22 0.90 -21.97
BARRETT_IC_7 23710	48.55 1.84 -24.16	24.69 1.64 -3.78	20.01 1.52 0.00	18.84 1.43 0.00	19.11 1.42 0.00	20.53 1.42 0.00	20.23 1.29 0.00	20.24 1.24 0.00	21.70 1.39 0.00	23.21 1.53 0.00	27.43 1.71 -5.48	30.33 1.97 -4.91	45.32 3.44 -0.03	76.12 5.16 -2.42	42.09 2.28 -9.57	39.32 1.75 -15.26	38.95 2.30 -8.16	39.30 2.55 -0.28	40.46 2.71 -0.24	39.98 2.67 -0.93	39.06 2.38 -4.88	39.32 2.17 -7.61	61.95 1.10 -45.65	37.21 0.89 -21.97
BARRETT_IC_8 23711	48.55 1.85 -24.16	24.70 1.64 -3.78	20.01 1.52 0.00	18.84 1.44 0.00	19.11 1.43 0.00	20.53 1.43 0.00	20.23 1.29 0.00	20.24 1.24 0.00	21.71 1.40 0.00	23.22 1.55 0.00	27.45 1.72 -5.48	30.32 1.97 -4.91	45.32 3.44 -0.03	76.21 5.25 -2.42	42.08 2.28 -9.57	39.32 1.75 -15.26	38.96 2.30 -8.17	39.31 2.55 -0.28	40.46 2.71 -0.24	39.98 2.67 -0.93	39.06 2.39 -4.88	39.33 2.17 -7.61	61.95 1.10 -45.65	37.22 0.90 -21.97
BARRETT_IC_9 23700	48.55 1.85 -24.16	24.70 1.64 -3.78	20.01 1.52 0.00	18.84 1.44 0.00	19.11 1.43 0.00	20.53 1.43 0.00	20.23 1.29 0.00	20.24 1.24 0.00	21.71 1.40 0.00	23.22 1.55 0.00	27.45 1.72 -5.48	30.32 1.97 -4.91	45.32 3.44 -0.03	76.21 5.25 -2.42	42.08 2.28 -9.57	39.32 1.75 -15.26	38.96 2.30 -8.17	39.31 2.55 -0.28	40.46 2.71 -0.24	39.98 2.67 -0.93	39.06 2.39 -4.88	39.33 2.17 -7.61	61.95 1.10 -45.65	37.22 0.90 -21.97
BARRETT___1 23545	48.55 1.85 -24.16	24.70 1.64 -3.78	20.01 1.52 0.00	18.84 1.44 0.00	19.11 1.43 0.00	20.53 1.43 0.00	20.23 1.29 0.00	20.24 1.24 0.00	21.71 1.40 0.00	23.22 1.55 0.00	27.45 1.72 -5.48	30.32 1.97 -4.91	45.32 3.44 -0.03	76.21 5.25 -2.42	42.08 2.28 -9.57	39.32 1.75 -15.26	38.96 2.30 -8.17	39.31 2.55 -0.28	40.46 2.71 -0.24	39.98 2.67 -0.93	39.06 2.39 -4.88	39.33 2.17 -7.61	61.95 1.10 -45.65	37.22 0.90 -21.97
BARRETT___2 23546	48.55 1.85 -24.16	24.70 1.64 -3.78	20.01 1.52 0.00	18.84 1.44 0.00	19.11 1.43 0.00	20.53 1.43 0.00	20.23 1.29 0.00	20.24 1.24 0.00	21.71 1.40 0.00	23.22 1.55 0.00	27.45 1.72 -5.48	30.32 1.97 -4.91	45.32 3.44 -0.03	76.21 5.25 -2.42	42.08 2.28 -9.57	39.32 1.75 -15.26	38.96 2.30 -8.17	39.31 2.55 -0.28	40.46 2.71 -0.24	39.98 2.67 -0.93	39.06 2.39 -4.88	39.33 2.17 -7.61	61.95 1.10 -45.65	37.22 0.90 -21.97
BATAVIA__115KV_TB1 55881	19.88 -0.27 2.39	17.93 -0.28 1.07	14.54 -0.22 3.73	10.48 -0.27 6.66	13.40 -0.21 4.07	19.14 0.03 0.00	18.97 0.03 0.00	18.87 -0.07 0.05	16.46 -0.04 3.82	10.76 -0.11 10.81	13.62 -0.24 6.38	23.12 -0.23 0.09	29.25 -0.60 12.00	28.05 -0.56 39.93	26.78 -0.51 2.94	21.18 -0.45 0.68	27.95 -0.55 0.00	35.90 -0.48 0.09	36.41 -0.72 0.38	35.77 -0.61 0.00	28.33 -0.55 2.91	24.21 -0.47 4.86	14.50 -0.22 0.49	8.14 -0.07 6.15
BAYONEEC___CTG1 323682	24.01 1.47 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.81 1.12 0.00	20.23 1.13 0.00	20.05 1.10 0.00	20.17 1.17 0.00	21.62 1.31 0.00	23.16 1.48 0.00	21.70 1.46 0.00	25.10 1.65 0.00	44.82 2.97 0.00	73.48 4.95 0.00	41.94 2.04 -9.67	39.28 1.55 -15.41	38.75 2.01 -8.25	38.97 2.21 -0.28	40.04 2.29 -0.24	39.59 2.27 -0.93	38.78 2.06 -4.93	39.09 1.85 -7.69	62.09 0.97 -45.92	37.31 0.86 -22.09
BAYONEEC___CTG10 323750	24.01 1.47 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.81 1.12 0.00	20.23 1.13 0.00	20.05 1.10 0.00	20.17 1.17 0.00	21.62 1.31 0.00	23.16 1.48 0.00	21.70 1.46 0.00	25.10 1.65 0.00	44.82 2.97 0.00	73.48 4.95 0.00	41.94 2.04 -9.67	39.28 1.55 -15.41	38.75 2.01 -8.25	38.97 2.21 -0.28	40.04 2.29 -0.24	39.59 2.27 -0.93	38.78 2.06 -4.93	39.09 1.85 -7.69	62.09 0.97 -45.92	37.31 0.86 -22.09
BAYONEEC___CTG2 323683	24.01 1.47 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.81 1.12 0.00	20.23 1.13 0.00	20.05 1.10 0.00	20.17 1.17 0.00	21.62 1.31 0.00	23.16 1.48 0.00	21.70 1.46 0.00	25.10 1.65 0.00	44.82 2.97 0.00	73.48 4.95 0.00	41.94 2.04 -9.67	39.28 1.55 -15.41	38.75 2.01 -8.25	38.97 2.21 -0.28	40.04 2.29 -0.24	39.59 2.27 -0.93	38.78 2.06 -4.93	39.09 1.85 -7.69	62.09 0.97 -45.92	37.31 0.86 -22.09
BAYONEEC___CTG3 323684	24.01 1.47 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.81 1.12 0.00	20.23 1.13 0.00	20.05 1.10 0.00	20.17 1.17 0.00	21.62 1.31 0.00	23.16 1.48 0.00	21.70 1.46 0.00	25.10 1.65 0.00	44.82 2.97 0.00	73.48 4.95 0.00	41.94 2.04 -9.67	39.28 1.55 -15.41	38.75 2.01 -8.25	38.97 2.21 -0.28	40.04 2.29 -0.24	39.59 2.27 -0.93	38.78 2.06 -4.93	39.09 1.85 -7.69	62.09 0.97 -45.92	37.31 0.86 -22.09
BAYONEEC___CTG4 323685	24.01 1.47 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.81 1.12 0.00	20.23 1.13 0.00	20.05 1.10 0.00	20.17 1.17 0.00	21.62 1.31 0.00	23.16 1.48 0.00	21.70 1.46 0.00	25.10 1.65 0.00	44.82 2.97 0.00	73.48 4.95 0.00	41.94 2.04 -9.67	39.28 1.55 -15.41	38.75 2.01 -8.25	38.97 2.21 -0.28	40.04 2.29 -0.24	39.59 2.27 -0.93	38.78 2.06 -4.93	39.09 1.85 -7.69	62.09 0.97 -45.92	37.31 0.86 -22.09
BAYONEEC___CTG5 323686	24.01 1.47 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.81 1.12 0.00	20.23 1.13 0.00	20.05 1.10 0.00	20.17 1.17 0.00	21.62 1.31 0.00	23.16 1.48 0.00	21.70 1.46 0.00	25.10 1.65 0.00	44.82 2.97 0.00	73.48 4.95 0.00	41.94 2.04 -9.67	39.28 1.55 -15.41	38.75 2.01 -8.25	38.97 2.21 -0.28	40.04 2.29 -0.24	39.59 2.27 -0.93	38.78 2.06 -4.93	39.09 1.85 -7.69	62.09 0.97 -45.92	37.31 0.86 -22.09
BAYONEEC___CTG6 323687	24.01 1.47 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.81 1.12 0.00	20.23 1.13 0.00	20.05 1.10 0.00	20.17 1.17 0.00	21.62 1.31 0.00	23.16 1.48 0.00	21.70 1.46 0.00	25.10 1.65 0.00	44.82 2.97 0.00	73.48 4.95 0.00	41.94 2.04 -9.67	39.28 1.55 -15.41	38.75 2.01 -8.25	38.97 2.21 -0.28	40.04 2.29 -0.24	39.59 2.27 -0.93	38.78 2.06 -4.93	39.09 1.85 -7.69	62.09 0.97 -45.92	37.31 0.86 -22.09

BAYONEEC___CTG7 323688	24.01 1.47 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.81 1.12 0.00	20.23 1.13 0.00	20.05 1.10 0.00	20.17 1.17 0.00	21.62 1.31 0.00	23.16 1.48 0.00	21.70 1.46 0.00	25.10 1.65 0.00	44.82 2.97 0.00	73.48 4.95 0.00	41.94 2.04 -9.67	39.28 1.55 -15.41	38.75 2.01 -8.25	38.97 2.21 -0.28	40.04 2.29 -0.24	39.59 2.27 -0.93	38.78 2.06 -4.93	39.09 1.85 -7.69	62.09 0.97 -45.92	37.31 0.86 -22.09
BAYONEEC___CTG8 323689	24.01 1.47 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.81 1.12 0.00	20.23 1.13 0.00	20.05 1.10 0.00	20.17 1.17 0.00	21.62 1.31 0.00	23.16 1.48 0.00	21.70 1.46 0.00	25.10 1.65 0.00	44.82 2.97 0.00	73.48 4.95 0.00	41.94 2.04 -9.67	39.28 1.55 -15.41	38.75 2.01 -8.25	38.97 2.21 -0.28	40.04 2.29 -0.24	39.59 2.27 -0.93	38.78 2.06 -4.93	39.09 1.85 -7.69	62.09 0.97 -45.92	37.31 0.86 -22.09
BAYONEEC___CTG9 323749	24.01 1.47 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.81 1.12 0.00	20.23 1.13 0.00	20.05 1.10 0.00	20.17 1.17 0.00	21.62 1.31 0.00	23.16 1.48 0.00	21.70 1.46 0.00	25.10 1.65 0.00	44.82 2.97 0.00	73.48 4.95 0.00	41.94 2.04 -9.67	39.28 1.55 -15.41	38.75 2.01 -8.25	38.97 2.21 -0.28	40.04 2.29 -0.24	39.59 2.27 -0.93	38.78 2.06 -4.93	39.09 1.85 -7.69	62.09 0.97 -45.92	37.31 0.86 -22.09
BEACON___LESR 323632	23.19 0.65 0.00	19.91 0.63 0.00	19.13 0.63 0.00	18.10 0.69 0.00	18.33 0.64 0.00	19.69 0.58 0.00	19.49 0.55 0.00	19.62 0.62 0.00	20.98 0.66 0.00	22.37 0.70 0.00	20.92 0.68 0.00	24.28 0.83 0.00	43.33 1.47 0.00	70.94 2.41 0.00	31.27 1.04 0.00	23.03 0.72 0.00	29.57 1.07 0.00	37.74 1.26 0.00	38.81 1.30 0.00	37.62 1.24 0.00	32.86 1.07 0.00	30.52 0.98 0.00	15.68 0.48 0.00	14.78 0.42 0.00
BEAVER RIVER___HYD 24048	23.01 0.47 0.00	19.08 -0.19 0.00	18.27 -0.22 0.00	17.31 -0.10 0.00	17.45 -0.23 0.00	18.76 -0.35 0.00	18.69 -0.25 0.00	18.64 -0.36 0.00	19.86 -0.46 0.00	19.90 -0.58 1.20	11.96 -0.66 7.61	22.87 -0.57 0.00	41.47 -0.39 0.00	68.53 -0.70 -0.70	32.74 -0.19 -2.70	22.14 -0.18 0.00	28.14 -0.35 0.00	36.30 -0.18 0.00	37.81 0.30 0.00	36.94 0.56 0.00	32.20 0.40 0.00	30.14 0.60 0.00	15.15 -0.06 0.00	14.12 -0.24 0.00
BEEBEE_GT_13 23619	20.40 -0.41 1.73	18.13 -0.37 0.77	15.45 -0.35 2.70	12.22 -0.38 4.82	14.40 -0.33 2.95	18.93 -0.18 0.00	18.75 -0.19 0.00	18.73 -0.23 0.04	17.29 -0.26 2.76	13.53 -0.33 7.82	15.23 -0.39 4.61	22.93 -0.45 0.07	32.43 -0.75 8.68	38.73 -1.10 28.71	27.53 -0.57 2.13	21.38 -0.44 0.49	28.00 -0.50 0.00	35.92 -0.49 0.07	36.54 -0.70 0.27	35.72 -0.66 0.00	29.11 -0.65 2.04	27.08 -0.64 1.82	14.55 -0.30 0.35	9.72 -0.19 4.45
BENSHRST_27_KV_BENSHRST_1 355998	24.23 1.69 0.00	20.78 1.50 0.00	19.85 1.36 0.00	18.68 1.28 0.00	18.93 1.24 0.00	20.37 1.26 0.00	20.20 1.25 0.00	20.30 1.30 0.00	21.79 1.47 0.00	23.33 1.65 0.00	21.87 1.63 0.00	25.34 1.89 0.00	45.22 3.36 0.00	74.13 5.60 0.00	42.30 2.40 -9.67	39.54 1.82 -15.41	39.08 2.34 -8.24	39.45 2.69 -0.28	40.51 2.76 -0.24	40.04 2.72 -0.93	39.16 2.44 -4.93	39.44 2.21 -7.69	62.26 1.14 -45.91	37.45 1.00 -22.09
BETHLEHEM___GRP 23843	22.83 0.29 0.00	19.64 0.37 0.00	18.84 0.35 0.00	17.85 0.45 0.00	18.11 0.43 0.00	19.41 0.30 0.00	19.23 0.28 0.00	19.31 0.32 0.00	20.69 0.38 0.00	22.04 0.36 0.00	20.60 0.37 0.00	23.86 0.41 0.00	42.57 0.72 0.00	69.70 1.17 0.00	30.72 0.48 0.00	22.66 0.35 0.00	29.04 0.54 0.00	37.03 0.55 0.00	38.10 0.59 0.00	36.93 0.55 0.00	32.32 0.52 0.00	29.98 0.43 0.00	15.44 0.24 0.00	14.56 0.21 0.00
BETHLEHEM___GS1 323560	22.83 0.29 0.00	19.64 0.37 0.00	18.85 0.36 0.00	17.87 0.46 0.00	18.11 0.43 0.00	19.41 0.30 0.00	19.23 0.28 0.00	19.31 0.31 0.00	20.70 0.38 0.00	22.04 0.37 0.00	20.61 0.38 0.00	23.86 0.41 0.00	42.58 0.72 0.00	69.71 1.18 0.00	30.71 0.48 0.00	22.66 0.35 0.00	29.04 0.54 0.00	37.03 0.55 0.00	38.10 0.59 0.00	36.93 0.55 0.00	32.32 0.53 0.00	29.98 0.44 0.00	15.44 0.24 0.00	14.57 0.21 0.00
BETHLEHEM___GS2 323561	22.83 0.29 0.00	19.64 0.37 0.00	18.85 0.36 0.00	17.87 0.46 0.00	18.11 0.43 0.00	19.41 0.30 0.00	19.23 0.28 0.00	19.31 0.31 0.00	20.70 0.38 0.00	22.04 0.37 0.00	20.61 0.38 0.00	23.86 0.41 0.00	42.58 0.72 0.00	69.71 1.18 0.00	30.71 0.48 0.00	22.66 0.35 0.00	29.04 0.54 0.00	37.03 0.55 0.00	38.10 0.59 0.00	36.93 0.55 0.00	32.32 0.53 0.00	29.98 0.44 0.00	15.44 0.24 0.00	14.57 0.21 0.00
BETHLEHEM___GS3 323562	22.83 0.29 0.00	19.64 0.37 0.00	18.85 0.36 0.00	17.87 0.46 0.00	18.11 0.43 0.00	19.41 0.30 0.00	19.23 0.28 0.00	19.31 0.31 0.00	20.70 0.38 0.00	22.04 0.37 0.00	20.61 0.38 0.00	23.86 0.41 0.00	42.58 0.72 0.00	69.71 1.18 0.00	30.71 0.48 0.00	22.66 0.35 0.00	29.04 0.54 0.00	37.03 0.55 0.00	38.10 0.59 0.00	36.93 0.55 0.00	32.32 0.53 0.00	29.98 0.44 0.00	15.44 0.24 0.00	14.57 0.21 0.00
BETHLEHEM___STEEL 23779	18.62 -0.70 3.22	17.20 -0.64 1.44	12.87 -0.60 5.02	7.82 -0.63 8.95	11.64 -0.57 5.48	18.75 -0.36 0.00	18.59 -0.36 0.00	18.53 -0.39 0.07	14.71 -0.46 5.14	6.51 -0.63 14.54	10.88 -0.77 8.58	22.40 -0.92 0.13	24.24 -1.47 16.15	12.51 -2.17 53.86	25.18 -1.09 3.96	20.65 -0.76 0.91	27.56 -0.94 0.00	35.25 -1.10 0.12	35.41 -1.60 0.51	34.83 -1.55 0.00	26.41 -1.42 3.96	20.52 -1.24 7.78	13.96 -0.58 0.66	5.68 -0.40 8.28
BETHLHEM_115KV_TB1 79974	22.88 0.34 0.00	19.68 0.41 0.00	18.88 0.39 0.00	17.87 0.46 0.00	18.13 0.44 0.00	19.45 0.34 0.00	19.27 0.32 0.00	19.35 0.35 0.00	20.73 0.41 0.00	22.09 0.41 0.00	20.65 0.42 0.00	23.91 0.46 0.00	42.67 0.82 0.00	69.86 1.33 0.00	30.78 0.55 0.00	22.72 0.40 0.00	29.10 0.61 0.00	37.12 0.64 0.00	38.18 0.67 0.00	37.01 0.63 0.00	32.38 0.59 0.00	30.04 0.50 0.00	15.47 0.27 0.00	14.60 0.24 0.00
BETHPAGE_CC_5 323564	48.78 2.07 -24.16	24.89 1.83 -3.78	20.18 1.69 0.00	19.02 1.61 0.00	19.29 1.60 0.00	20.71 1.60 0.00	20.39 1.44 0.00	20.39 1.39 0.00	21.89 1.58 0.00	23.40 1.72 0.00	27.58 1.86 -5.48	30.50 2.15 -4.91	45.56 3.70 0.00	76.03 5.93 -1.57	42.41 2.61 -9.57	39.56 1.99 -15.26	40.66 2.55 -9.61	39.57 2.81 -0.28	40.74 2.98 -0.24	40.25 2.94 -0.93	39.31 2.63 -4.88	39.56 2.41 -7.61	62.07 1.22 -45.65	37.36 1.04 -21.97
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.64 -0.62 3.28	17.25 -0.56 1.47	12.83 -0.54 5.12	7.71 -0.57 9.13	11.59 -0.51 5.59	18.80 -0.31 0.00	18.64 -0.31 0.00	18.59 -0.33 0.08	14.70 -0.37 5.24	6.32 -0.55 14.81	10.78 -0.70 8.75	22.47 -0.85 0.13	24.08 -1.32 16.46	11.77 -1.91 54.86	25.21 -0.98 4.04	20.72 -0.67 0.93	27.67 -0.83 0.00	35.43 -0.92 0.13	35.56 -1.44 0.52	34.96 -1.42 0.00	26.47 -1.29 4.03	20.83 -1.11 7.60	14.01 -0.52 0.67	5.58 -0.34 8.44

BINGHAMTON___COGEN 23790	22.45 -0.09 0.00	19.21 -0.07 0.00	18.40 -0.09 0.00	17.32 -0.09 0.00	17.60 -0.09 0.00	19.04 -0.07 0.00	18.87 -0.08 0.00	18.96 -0.04 -0.01	20.89 -0.08 -0.66	23.32 -0.11 -1.75	20.83 -0.15 -0.74	23.34 -0.12 -0.02	43.85 -0.09 -2.08	75.34 -0.07 -6.87	30.67 -0.07 -0.51	22.43 -0.01 -0.12	28.55 0.06 0.00	36.61 0.12 -0.02	37.61 0.03 -0.06	36.49 0.11 0.00	32.35 0.07 -0.49	30.02 0.04 -0.43	15.31 0.02 -0.08	15.43 0.01 -1.06
BIXINCNT_115KV_LOAD 355685	18.22 -0.71 3.61	17.01 -0.65 1.62	12.13 -0.73 5.64	6.63 -0.72 10.05	10.92 -0.61 6.15	18.49 -0.61 0.00	18.27 -0.67 0.00	18.40 -0.51 0.08	14.23 -0.31 5.77	4.78 -0.60 16.30	9.67 -0.93 9.63	21.83 -1.47 0.14	21.48 -2.24 18.13	5.07 -3.21 60.25	24.33 -1.46 4.45	20.32 -0.97 1.03	27.45 -1.05 0.00	35.73 -0.61 0.14	35.41 -1.54 0.57	34.52 -1.86 0.00	25.88 -1.54 4.37	21.67 -1.25 6.62	13.84 -0.62 0.74	4.54 -0.52 9.29
BLACK RIVER___HYD 24047	23.06 0.52 0.00	19.11 -0.17 0.00	18.27 -0.22 0.00	17.33 -0.08 0.00	17.43 -0.26 0.00	18.75 -0.35 0.00	18.67 -0.27 0.00	18.60 -0.40 0.00	19.81 -0.51 0.00	20.15 -0.70 0.83	14.25 -0.73 5.25	22.87 -0.57 0.00	41.69 -0.17 0.00	68.68 -0.38 -0.52	32.03 -0.08 -1.89	22.09 -0.22 0.00	28.09 -0.40 0.00	36.38 -0.10 0.00	38.00 0.49 0.00	37.20 0.81 0.00	32.33 0.53 0.00	30.25 0.71 0.00	15.15 -0.05 0.00	14.10 -0.25 0.00
BLACKRVR_115KV_TB2 79977	23.06 0.52 0.00	19.10 -0.17 0.00	18.27 -0.22 0.00	17.33 -0.08 0.00	17.43 -0.26 0.00	18.75 -0.35 0.00	18.67 -0.27 0.00	18.60 -0.40 0.00	19.81 -0.50 0.00	20.15 -0.70 0.83	14.25 -0.73 5.25	22.87 -0.57 0.00	41.69 -0.17 0.00	68.67 -0.38 -0.52	32.03 -0.08 -1.89	22.09 -0.23 0.00	28.09 -0.40 0.00	36.37 -0.10 0.00	38.01 0.49 0.00	37.20 0.81 0.00	32.33 0.53 0.00	30.25 0.71 0.00	15.15 -0.05 0.00	14.11 -0.25 0.00
BLISS_WT_PWR 323608	18.08 -0.85 3.61	16.89 -0.77 1.62	11.96 -0.89 5.64	6.47 -0.87 10.06	10.81 -0.72 6.15	18.36 -0.75 0.00	18.12 -0.82 0.00	18.29 -0.63 0.08	14.14 -0.40 5.77	4.62 -0.76 16.30	9.48 -1.12 9.63	21.58 -1.73 0.14	21.06 -2.66 18.13	4.37 -3.91 60.25	24.10 -1.69 4.45	20.17 -1.12 1.03	27.29 -1.21 0.00	35.70 -0.64 0.14	35.24 -1.71 0.57	34.24 -2.15 0.00	25.65 -1.77 4.37	21.49 -1.43 6.62	13.75 -0.72 0.74	4.40 -0.66 9.29
BLUESTONE___WT_PWR 323821	23.93 -0.48 -1.87	19.67 -0.44 -0.84	20.94 -0.47 -2.92	22.08 -0.50 -5.17	20.32 -0.51 -3.14	18.64 -0.47 0.00	18.51 -0.43 0.00	18.55 -0.49 -0.04	22.76 -0.56 -3.00	29.60 -0.56 -8.49	24.56 -0.66 -4.99	22.81 -0.71 -0.07	50.37 -0.91 -9.43	98.50 -1.23 -31.19	32.06 -0.48 -2.31	22.84 -0.01 -0.53	28.80 0.30 0.00	37.09 0.54 -0.07	38.53 0.73 -0.30	37.02 0.64 0.00	34.46 0.45 -2.22	31.84 0.32 -1.98	15.70 0.12 -0.38	19.33 0.14 -4.83
BLUE_CIRC_CHEM_DRP 24182	23.11 0.57 0.00	19.86 0.58 0.00	19.06 0.57 0.00	18.02 0.61 0.00	18.28 0.60 0.00	19.67 0.56 0.00	19.47 0.52 0.00	19.55 0.55 0.00	20.95 0.63 0.00	22.32 0.64 0.00	20.76 0.53 0.00	24.04 0.59 0.00	43.02 1.16 0.00	70.46 1.92 0.00	31.04 0.82 0.00	22.94 0.62 0.00	29.42 0.93 0.00	37.55 1.07 0.00	38.63 1.12 0.00	37.47 1.09 0.00	32.77 0.98 0.00	30.40 0.86 0.00	15.64 0.44 0.00	14.76 0.40 0.00
BOC_GAS_DRP 24189	23.01 0.47 0.00	19.75 0.48 0.00	18.95 0.46 0.00	17.90 0.49 0.00	18.16 0.47 0.00	19.54 0.43 0.00	19.35 0.41 0.00	19.42 0.42 0.00	20.79 0.48 0.00	22.19 0.51 0.00	20.73 0.49 0.00	24.01 0.56 0.00	42.86 1.00 0.00	70.17 1.64 0.00	30.90 0.68 0.00	22.82 0.50 0.00	29.22 0.72 0.00	37.27 0.79 0.00	38.33 0.82 0.00	37.17 0.79 0.00	32.51 0.72 0.00	30.18 0.64 0.00	15.54 0.34 0.00	14.67 0.31 0.00
BOONVILLE_115KV_TB1 79983	23.05 0.50 0.00	19.41 0.13 0.00	18.61 0.12 0.00	17.57 0.16 0.00	17.78 0.10 0.00	19.15 0.05 0.00	19.04 0.10 0.00	19.05 0.05 0.00	20.35 0.04 0.00	21.40 0.02 0.30	18.29 -0.05 1.90	23.49 0.04 0.00	42.27 0.41 0.00	69.97 0.74 -0.69	31.63 0.37 -1.03	22.60 0.28 0.00	28.80 0.30 0.00	36.99 0.51 0.00	38.22 0.71 0.00	37.22 0.84 0.00	32.54 0.74 0.00	30.30 0.76 0.00	15.40 0.20 0.00	14.44 0.08 0.00
BORALEX_4TH_BRANCH 23824	23.64 1.10 0.00	20.35 1.07 0.00	19.61 1.12 0.00	18.55 1.15 0.00	18.82 1.13 0.00	20.30 1.20 0.00	20.03 1.08 0.00	20.05 1.05 0.00	21.50 1.19 0.00	22.88 1.20 0.00	21.41 1.17 0.00	24.82 1.37 0.00	44.14 2.29 0.00	72.07 3.53 0.00	31.70 1.48 0.00	23.34 1.02 0.00	29.99 1.49 0.00	38.33 1.85 0.00	39.42 1.90 0.00	38.29 1.91 0.00	33.53 1.74 0.00	31.14 1.60 0.00	16.03 0.82 0.00	15.15 0.79 0.00
BOWLINE___1 23526	23.75 1.21 0.00	20.34 1.07 0.00	19.47 0.98 0.00	18.32 0.91 0.00	18.58 0.89 0.00	20.01 0.90 0.00	19.81 0.86 0.00	19.91 0.92 0.00	21.35 1.03 0.00	22.86 1.19 0.00	21.42 1.19 0.00	24.79 1.34 0.00	44.30 2.44 0.00	72.76 4.22 0.00	24.99 1.77 7.01	12.49 1.34 11.17	24.26 1.74 5.98	38.24 1.96 0.20	39.36 2.01 0.17	37.66 1.95 0.68	29.98 1.76 3.57	25.53 1.57 5.58	-4.96 0.80 20.97	5.21 0.73 9.88
BOWLINE___2 23595	23.75 1.21 0.00	20.34 1.07 0.00	19.47 0.98 0.00	18.32 0.91 0.00	18.58 0.89 0.00	20.01 0.90 0.00	19.81 0.86 0.00	19.92 0.92 0.00	21.35 1.03 0.00	22.86 1.19 0.00	21.42 1.19 0.00	24.79 1.34 0.00	44.30 2.44 0.00	72.76 4.22 0.00	24.99 1.77 7.01	12.49 1.34 11.17	24.26 1.74 5.98	38.24 1.96 0.20	39.36 2.01 0.17	37.66 1.95 0.68	29.98 1.76 3.57	25.53 1.57 5.58	-4.96 0.80 20.97	5.21 0.73 9.88
BRADY___115KV_TB2 356060	22.64 0.10 0.00	19.26 -0.02 0.00	18.49 0.00 0.00	17.39 -0.02 0.00	17.68 0.00 0.00	19.16 0.06 0.00	19.06 0.12 0.00	19.06 0.06 0.00	20.24 -0.08 0.00	17.60 -0.14 3.93	-5.12 -0.35 25.01	23.29 -0.15 0.00	41.66 -0.20 0.00	62.59 -0.02 5.92	33.66 0.20 -3.22	22.47 0.15 0.00	28.57 0.08 0.00	36.65 0.16 0.00	37.78 0.27 0.00	36.62 0.24 0.00	31.83 0.03 0.00	29.71 0.17 0.00	15.26 0.06 0.00	14.34 -0.02 0.00
BRANSCOMB___SOLAR 323811	23.79 1.25 0.00	20.41 1.14 0.00	19.59 1.10 0.00	18.49 1.09 0.00	18.76 1.08 0.00	20.25 1.14 0.00	20.04 1.09 0.00	20.11 1.11 0.00	21.57 1.25 0.00	23.03 1.35 0.00	21.40 1.17 0.00	24.78 1.33 0.00	44.17 2.31 0.00	72.10 3.57 0.00	31.90 1.67 0.00	23.57 1.26 0.00	30.34 1.84 0.00	38.78 2.30 0.00	39.98 2.46 0.00	38.79 2.40 0.00	33.92 2.13 0.00	31.43 1.89 0.00	16.15 0.95 0.00	15.22 0.86 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	50.02 2.34 -25.14	25.13 2.08 -3.78	20.42 1.93 0.00	19.25 1.84 0.00	19.53 1.84 0.00	20.96 1.85 0.00	20.58 1.63 0.00	20.52 1.52 0.00	22.03 1.71 0.00	23.55 2.03 0.00	27.75 2.36 -5.48	30.71 2.36 -4.91	45.83 3.97 0.00	76.22 6.19 -1.50	42.66 2.85 -9.57	39.75 2.17 -15.26	59.62 2.73 -28.39	45.62 2.75 -6.39	42.61 3.20 -1.91	40.67 3.36 -0.93	39.64 2.96 -4.88	39.83 2.67 -7.61	62.19 1.34 -45.65	37.45 1.13 -21.97

BRISTLHL_115KV_TB1 79998	22.20 -0.34 0.00	18.97 -0.31 0.00	18.18 -0.31 0.00	17.12 -0.29 0.00	17.39 -0.29 0.00	18.81 -0.29 0.00	18.66 -0.29 0.00	18.72 -0.27 0.00	20.03 -0.28 0.00	21.37 -0.31 0.00	19.93 -0.30 0.00	23.11 -0.34 0.00	41.34 -0.51 0.00	67.70 -0.84 0.00	29.77 -0.46 0.00	21.99 -0.33 0.00	28.12 -0.38 0.00	36.01 -0.47 0.00	37.00 -0.52 0.00	35.92 -0.46 0.00	31.38 -0.41 0.00	29.14 -0.40 0.00	14.98 -0.22 0.00	14.19 -0.17 0.00
BROOKHAVEN___DRP 24191	54.55 2.45 -29.57	25.21 2.15 -3.78	20.55 2.04 -0.01	19.36 1.94 -0.01	19.62 1.93 0.00	21.07 1.96 0.00	20.62 1.67 0.00	20.44 1.45 0.00	22.00 1.68 0.00	23.50 1.82 0.00	27.69 1.97 -5.48	30.64 2.28 -4.91	45.62 3.76 0.00	75.91 5.88 -1.49	42.53 2.72 -9.57	39.64 2.06 -15.26	138.07 2.79 -106.78	73.68 3.05 -34.15	50.28 3.27 -9.50	40.57 3.25 -0.93	39.56 2.88 -4.89	39.71 2.55 -7.61	62.11 1.26 -45.65	37.36 1.03 -21.97
BROOKLYN_NAVY_YARD 23515	23.96 1.42 0.00	20.56 1.28 0.00	19.68 1.19 0.00	18.54 1.14 0.00	18.78 1.10 0.00	20.20 1.10 0.00	20.02 1.08 0.00	20.13 1.13 0.00	21.58 1.27 0.00	23.12 1.44 0.00	21.64 1.41 0.00	25.04 1.59 0.00	44.72 2.86 0.00	73.31 4.77 0.00	41.87 1.97 -9.66	39.22 1.49 -15.41	38.67 1.93 -8.24	38.88 2.12 -0.28	39.95 2.20 -0.24	39.51 2.19 -0.93	38.71 1.99 -4.93	39.03 1.79 -7.69	62.07 0.94 -45.92	37.28 0.83 -22.09
BROOKLYN___ARMY_DRP 323595	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.75 1.52 0.00	25.20 1.76 0.00	44.96 3.10 0.00	73.71 5.18 0.00	42.12 2.22 -9.67	39.40 1.68 -15.41	38.90 2.16 -8.24	39.22 2.46 -0.28	40.28 2.52 -0.24	39.81 2.50 -0.93	38.96 2.24 -4.93	39.26 2.03 -7.69	62.17 1.05 -45.91	37.37 0.92 -22.09
BROOKVLE_69_KV_TB1 55790	48.60 1.90 -24.16	24.74 1.69 -3.78	20.05 1.56 0.00	18.88 1.47 0.00	19.14 1.45 0.00	20.57 1.47 0.00	20.31 1.37 0.00	20.37 1.38 0.00	21.88 1.56 0.00	23.39 1.71 0.00	27.52 1.80 -5.48	30.46 2.11 -4.91	45.58 3.72 0.00	76.17 6.00 -1.64	42.42 2.62 -9.57	39.56 1.99 -15.26	39.21 2.55 -8.16	39.65 2.89 -0.28	40.75 3.00 -0.24	40.25 2.95 -0.93	39.30 2.63 -4.88	39.53 2.37 -7.61	62.04 1.18 -45.65	37.34 1.02 -21.97
BROOME_2_LFGE 323671	22.44 -0.10 0.00	19.21 -0.07 0.00	18.39 -0.10 0.00	17.31 -0.10 0.00	17.60 -0.09 0.00	19.04 -0.07 0.00	18.87 -0.08 0.00	18.97 -0.04 -0.01	20.88 -0.10 -0.66	23.31 -0.12 -1.75	20.81 -0.16 -0.74	23.34 -0.13 -0.02	43.82 -0.11 -2.08	75.27 -0.14 -6.87	30.67 -0.07 -0.51	22.43 -0.01 -0.12	28.56 0.06 0.00	36.61 0.12 -0.02	37.61 0.03 -0.06	36.49 0.11 0.00	32.34 0.06 -0.49	30.02 0.04 -0.43	15.30 0.02 -0.08	15.42 0.00 -1.06
BROOME___LFGE 323600	22.44 -0.10 0.00	19.21 -0.07 0.00	18.39 -0.10 0.00	17.31 -0.10 0.00	17.60 -0.09 0.00	19.04 -0.07 0.00	18.87 -0.08 0.00	18.97 -0.04 -0.01	20.88 -0.10 -0.66	23.31 -0.12 -1.75	20.81 -0.16 -0.74	23.34 -0.13 -0.02	43.82 -0.11 -2.08	75.27 -0.14 -6.87	30.67 -0.07 -0.51	22.43 -0.01 -0.12	28.56 0.06 0.00	36.61 0.12 -0.02	37.61 0.03 -0.06	36.49 0.11 0.00	32.34 0.06 -0.49	30.02 0.04 -0.43	15.30 0.02 -0.08	15.42 0.00 -1.06
BROWNFLS_115KV_TB_3_5 80003	22.79 0.25 0.00	19.10 -0.18 0.00	18.31 -0.19 0.00	17.28 -0.12 0.00	17.49 -0.20 0.00	18.85 -0.25 0.00	18.77 -0.17 0.00	18.74 -0.25 0.00	19.98 -0.34 0.00	18.96 -0.44 2.28	5.16 -0.56 14.51	23.00 -0.45 0.00	41.43 -0.43 0.00	68.75 -0.69 -0.90	34.92 -0.15 -4.85	22.19 -0.13 0.00	28.20 -0.30 0.00	36.31 -0.16 0.00	37.67 0.16 0.00	36.68 0.30 0.00	31.94 0.15 0.00	29.86 0.32 0.00	15.14 -0.06 0.00	14.16 -0.19 0.00
BROWNSV1_27_KV_LOAD 356125	24.24 1.70 0.00	20.79 1.52 0.00	19.89 1.40 0.00	18.72 1.31 0.00	18.97 1.28 0.00	20.42 1.31 0.00	20.23 1.28 0.00	20.34 1.35 0.00	21.82 1.50 0.00	23.35 1.67 0.00	21.89 1.66 0.00	25.35 1.90 0.00	45.30 3.44 0.00	74.24 5.70 0.00	42.30 2.41 -9.67	39.54 1.81 -15.41	39.08 2.34 -8.25	39.42 2.66 -0.28	40.48 2.73 -0.24	40.01 2.69 -0.93	39.14 2.42 -4.93	39.42 2.19 -7.69	62.26 1.13 -45.92	37.45 1.01 -22.09
BURROWS___LYONSDAL 23803	23.03 0.48 0.00	19.28 0.01 0.00	18.48 -0.02 0.00	17.46 0.05 0.00	17.65 -0.03 0.00	18.99 -0.11 0.00	18.90 -0.04 0.00	18.89 -0.11 0.00	20.16 -0.15 0.00	21.01 -0.19 0.47	16.95 -0.26 3.02	23.26 -0.18 0.00	41.94 0.08 0.00	69.40 0.17 -0.69	31.72 0.14 -1.36	22.42 0.10 0.00	28.56 0.07 0.00	36.72 0.24 0.00	38.04 0.52 0.00	37.08 0.70 0.00	32.40 0.61 0.00	30.24 0.70 0.00	15.30 0.09 0.00	14.32 -0.04 0.00
CAITHNESS_CC_1 323624	54.42 2.41 -29.47	25.18 2.12 -3.78	20.51 2.00 -0.01	19.32 1.91 -0.01	19.58 1.90 0.00	21.03 1.92 0.00	20.59 1.65 0.00	20.45 1.45 0.00	22.00 1.68 0.00	23.52 1.84 0.00	27.71 1.99 -5.48	30.64 2.29 -4.91	45.65 3.80 0.00	76.04 6.02 -1.49	42.54 2.73 -9.57	39.65 2.07 -15.26	137.30 2.78 -106.02	73.06 3.03 -33.55	50.11 3.26 -9.34	40.56 3.25 -0.93	39.55 2.87 -4.89	39.71 2.56 -7.61	62.12 1.27 -45.65	37.38 1.05 -21.97
CALPINE BETH_PAGE_GT4 24209	48.76 2.05 -24.16	24.87 1.81 -3.78	20.17 1.68 0.00	19.00 1.59 0.00	19.27 1.59 0.00	20.70 1.59 0.00	20.38 1.43 0.00	20.38 1.39 0.00	21.87 1.56 0.00	23.37 1.69 0.00	27.54 1.82 -5.48	30.47 2.12 -4.91	45.52 3.66 0.00	75.90 5.77 -1.60	42.38 2.58 -9.57	39.54 1.97 -15.26	40.21 2.48 -9.24	39.47 2.71 -0.28	40.62 2.88 -0.24	40.14 2.84 -0.93	39.22 2.55 -4.88	39.53 2.37 -7.61	62.07 1.21 -45.65	37.35 1.03 -21.97
CALPINE_BETH_PAGE_GT_4 323586	48.76 2.06 -24.16	24.87 1.82 -3.78	20.17 1.68 0.00	19.00 1.59 0.00	19.27 1.59 0.00	20.70 1.59 0.00	20.38 1.43 0.00	20.38 1.39 0.00	21.88 1.57 0.00	23.38 1.70 0.00	27.55 1.83 -5.48	30.47 2.12 -4.91	45.51 3.66 0.00	75.99 5.86 -1.60	42.37 2.57 -9.57	39.54 1.97 -15.26	40.22 2.48 -9.24	39.47 2.71 -0.28	40.63 2.88 -0.24	40.14 2.84 -0.93	39.22 2.55 -4.88	39.53 2.37 -7.61	62.07 1.22 -45.65	37.36 1.03 -21.97
CALPINE_BP_GT1 23823	48.76 2.06 -24.16	24.87 1.82 -3.78	20.17 1.68 0.00	19.00 1.59 0.00	19.27 1.59 0.00	20.70 1.59 0.00	20.38 1.43 0.00	20.38 1.39 0.00	21.88 1.57 0.00	23.38 1.70 0.00	27.55 1.83 -5.48	30.47 2.12 -4.91	45.51 3.66 0.00	75.99 5.86 -1.60	42.37 2.57 -9.57	39.54 1.97 -15.26	40.22 2.48 -9.24	39.47 2.71 -0.28	40.63 2.88 -0.24	40.14 2.84 -0.93	39.22 2.55 -4.88	39.53 2.37 -7.61	62.07 1.22 -45.65	37.36 1.03 -21.97
CALSPAN___DRP 24200	18.62 -0.70 3.22	17.20 -0.64 1.44	12.87 -0.60 5.02	7.82 -0.63 8.95	11.64 -0.57 5.48	18.75 -0.36 0.00	18.59 -0.36 0.00	18.53 -0.39 0.07	14.71 -0.46 5.14	6.51 -0.63 14.54	10.88 -0.77 8.58	22.40 -0.92 0.13	24.24 -1.47 16.15	12.51 -2.17 53.86	25.18 -1.09 3.96	20.65 -0.76 0.91	27.56 -0.94 0.00	35.25 -1.10 0.12	35.41 -1.60 0.51	34.83 -1.55 0.00	26.41 -1.42 3.96	20.52 -1.24 7.78	13.96 -0.58 0.66	5.68 -0.40 8.28

CALVERTON___SOLAR 323806	54.65 2.51 -29.60	25.25 2.20 -3.78	20.60 2.10 -0.01	19.41 1.99 -0.01	19.66 1.97 0.00	21.12 2.01 0.00	20.65 1.71 0.00	20.45 1.46 0.00	22.03 1.71 0.00	23.55 1.87 0.00	27.72 2.00 -5.48	30.65 2.30 -4.91	45.64 3.78 0.00	76.02 5.99 -1.49	42.53 2.73 -9.57	39.65 2.07 -15.26	138.42 2.82 -107.10	73.94 3.09 -34.37	50.38 3.31 -9.56	40.59 3.28 -0.93	39.58 2.90 -4.89	39.72 2.56 -7.61	62.12 1.27 -45.65	37.36 1.04 -21.97
CANDIGU_WT_PWR 323617	15.73 -1.10 5.71	15.75 -0.97 2.56	8.55 -1.02 8.92	0.57 -0.95 15.90	7.06 -0.89 9.74	18.24 -0.87 0.00	18.08 -0.87 0.00	18.08 -0.79 0.13	10.22 -0.96 9.14	-5.45 -1.07 26.05	3.93 -1.03 15.28	21.92 -1.31 0.22	10.81 -2.34 28.71	-32.22 -3.37 97.39	21.69 -1.50 7.04	19.68 -1.01 1.62	27.25 -1.25 0.00	34.96 -1.29 0.22	35.13 -1.49 0.90	35.09 -1.29 0.00	22.76 -1.37 7.67	-2.43 -1.31 30.66	13.37 -0.67 1.17	-1.03 -0.67 14.71
CARR STREET_E_SYR 24060	22.34 -0.20 0.00	19.10 -0.17 0.00	18.31 -0.18 0.00	17.23 -0.18 0.00	17.52 -0.17 0.00	18.96 -0.14 0.00	18.79 -0.16 0.00	18.85 -0.15 0.00	20.16 -0.16 0.00	21.50 -0.18 0.00	20.04 -0.20 0.00	23.25 -0.20 0.00	41.60 -0.25 0.00	68.11 -0.42 0.00	29.97 -0.26 0.00	22.14 -0.18 0.00	28.32 -0.18 0.00	36.28 -0.20 0.00	37.26 -0.25 0.00	36.17 -0.22 0.00	31.60 -0.20 0.00	29.31 -0.23 0.00	15.08 -0.12 0.00	14.27 -0.08 0.00
CARTHAGE___PAPER 23857	23.15 0.61 0.00	19.20 -0.08 0.00	18.37 -0.12 0.00	17.42 0.01 0.00	17.54 -0.15 0.00	18.86 -0.24 0.00	18.79 -0.15 0.00	18.72 -0.28 0.00	19.93 -0.38 0.00	20.15 -0.55 0.97	13.46 -0.61 6.17	22.95 -0.49 0.00	41.74 -0.12 0.00	68.91 -0.22 -0.59	32.46 0.03 -2.20	22.25 -0.07 0.00	28.26 -0.24 0.00	36.53 0.05 0.00	38.12 0.61 0.00	37.29 0.91 0.00	32.44 0.65 0.00	30.36 0.82 0.00	15.23 0.02 0.00	14.18 -0.18 0.00
CASSADAGA_WT_PWR 323784	17.66 -1.32 3.56	16.47 -1.21 1.59	11.72 -1.22 5.56	6.40 -1.09 9.93	10.57 -1.04 6.07	18.15 -0.95 0.00	18.08 -0.86 0.00	18.04 -0.87 0.08	13.52 -1.10 5.70	4.30 -1.29 16.08	9.26 -1.48 9.50	21.72 -1.59 0.14	21.49 -2.49 17.88	5.43 -3.64 59.46	24.52 -1.33 4.39	20.56 -0.75 1.01	27.90 -0.60 0.00	34.79 -1.55 0.14	34.61 -2.34 0.56	34.15 -2.23 0.00	25.44 -2.03 4.33	20.97 -1.64 6.93	13.74 -0.74 0.73	4.50 -0.69 9.16
CE_DUNWOOD___DRP 24194	23.93 1.39 0.00	20.53 1.25 0.00	19.64 1.15 0.00	18.50 1.09 0.00	18.75 1.07 0.00	20.18 1.08 0.00	19.98 1.04 0.00	20.08 1.09 0.00	21.53 1.22 0.00	23.04 1.36 0.00	21.60 1.36 0.00	25.02 1.57 0.00	44.67 2.82 0.00	73.19 4.66 0.00	42.65 1.98 -10.44	40.45 1.49 -16.65	39.34 1.94 -8.90	38.98 2.19 -0.31	40.04 2.27 -0.26	39.61 2.22 -1.01	39.11 1.99 -5.32	39.63 1.78 -8.31	64.18 0.91 -48.06	38.26 0.81 -23.10
CE_MILLWOOD___DRP 24193	23.84 1.30 0.00	20.44 1.17 0.00	19.57 1.08 0.00	18.42 1.02 0.00	18.67 0.99 0.00	20.11 1.00 0.00	19.91 0.96 0.00	20.01 1.01 0.00	21.45 1.13 0.00	22.95 1.28 0.00	21.51 1.28 0.00	24.92 1.47 0.00	44.49 2.64 0.00	72.95 4.42 0.00	65.93 1.87 -33.84	77.67 1.41 -53.93	59.19 1.84 -28.86	39.54 2.08 -0.99	40.48 2.14 -0.83	41.74 2.10 -3.27	50.92 1.88 -17.25	58.15 1.68 -26.92	139.81 0.86 -123.75	74.02 0.76 -58.90
CE_NYC2_DRP 24202	24.07 1.53 0.00	20.65 1.38 0.00	19.75 1.26 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.27 1.16 0.00	20.10 1.16 0.00	20.20 1.20 0.00	21.66 1.35 0.00	23.18 1.50 0.00	21.72 1.49 0.00	25.16 1.71 0.00	44.90 3.04 0.00	73.54 5.00 0.00	42.03 2.13 -9.67	39.35 1.63 -15.41	38.82 2.08 -8.24	39.10 2.34 -0.28	40.16 2.40 -0.24	39.69 2.38 -0.93	38.86 2.14 -4.93	39.16 1.93 -7.69	62.12 1.00 -45.91	37.33 0.88 -22.09
CE_NYC_DRP 24195	24.04 1.50 0.00	20.63 1.35 0.00	19.74 1.24 0.00	18.59 1.18 0.00	18.83 1.14 0.00	20.26 1.16 0.00	20.08 1.13 0.00	20.19 1.19 0.00	21.65 1.33 0.00	23.17 1.49 0.00	21.72 1.48 0.00	25.15 1.70 0.00	44.91 3.05 0.00	73.57 5.03 0.00	42.01 2.11 -9.67	39.31 1.58 -15.41	38.81 2.06 -8.25	39.06 2.30 -0.28	40.12 2.37 -0.24	39.66 2.34 -0.93	38.84 2.11 -4.93	39.14 1.91 -7.69	62.11 0.99 -45.93	37.33 0.87 -22.09
CHAFFEE___LFGE 323603	18.58 -0.55 3.42	17.25 -0.50 1.53	12.65 -0.51 5.33	7.34 -0.55 9.52	11.40 -0.46 5.82	18.86 -0.24 0.00	18.71 -0.23 0.00	18.66 -0.26 0.08	14.52 -0.34 5.46	5.76 -0.50 15.43	10.48 -0.64 9.11	22.61 -0.70 0.13	23.65 -1.06 17.15	9.82 -1.63 57.09	25.23 -0.80 4.21	20.81 -0.54 0.97	27.87 -0.63 0.00	35.64 -0.71 0.13	35.79 -1.19 0.54	35.23 -1.15 0.00	26.54 -1.08 4.17	21.44 -0.91 7.19	14.07 -0.43 0.70	5.27 -0.29 8.79
CHATEAUG_35_KV_LOAD 355732	22.33 -0.21 0.00	19.04 -0.23 0.00	18.22 -0.28 0.00	17.08 -0.33 0.00	17.30 -0.38 0.00	18.67 -0.43 0.00	18.41 -0.53 0.00	18.40 -0.60 0.00	19.53 -0.78 0.00	16.75 -0.72 4.20	-7.22 -0.73 26.73	22.55 -0.90 0.00	39.95 -1.90 0.00	-24.61 -3.25 89.89	-24.99 -1.28 53.95	21.54 -0.77 0.00	27.59 -0.91 0.00	35.72 -0.76 0.00	36.96 -0.56 0.00	36.07 -0.31 0.00	31.30 -0.49 0.00	29.19 -0.34 0.00	15.00 -0.20 0.00	14.05 -0.30 0.00
CHATEAUG_WT_PWR 323614	22.23 -0.31 0.00	19.02 -0.26 0.00	18.12 -0.37 0.00	16.89 -0.52 0.00	17.08 -0.60 0.00	18.40 -0.71 0.00	17.90 -1.05 0.00	7.38 -1.33 10.28	-16.74 -1.73 35.32	15.87 -1.55 4.26	-8.33 -1.44 27.12	21.73 -1.72 0.00	38.15 -3.71 0.00	-23.78 -6.18 86.14	-23.78 -2.76 51.25	20.55 -1.76 0.00	26.49 -2.01 0.00	34.95 -1.53 0.00	36.42 -1.10 0.00	36.11 -0.27 0.00	31.09 -0.70 0.00	29.02 -0.52 0.00	14.90 -0.30 0.00	13.91 -0.45 0.00
CHAT_HIGH_FALL_HYD 323578	22.33 -0.21 0.00	19.04 -0.23 0.00	18.22 -0.28 0.00	17.08 -0.33 0.00	17.30 -0.38 0.00	18.67 -0.43 0.00	18.41 -0.53 0.00	18.40 -0.60 0.00	19.53 -0.78 0.00	16.75 -0.72 4.20	-7.22 -0.73 26.73	22.55 -0.90 0.00	39.95 -1.90 0.00	-24.61 -3.25 89.89	-24.99 -1.28 53.95	21.54 -0.77 0.00	27.59 -0.91 0.00	35.72 -0.76 0.00	36.96 -0.56 0.00	36.07 -0.31 0.00	31.30 -0.49 0.00	29.19 -0.34 0.00	15.00 -0.20 0.00	14.05 -0.30 0.00
CHAUTAUQUA___LFGE 323629	18.12 -1.02 3.41	16.84 -0.91 1.53	12.25 -0.92 5.32	7.04 -0.87 9.50	11.09 -0.79 5.81	18.45 -0.65 0.00	18.32 -0.62 0.00	18.30 -0.62 0.08	14.04 -0.82 5.45	5.26 -1.02 15.39	9.98 -1.16 9.09	22.06 -1.26 0.13	22.77 -1.98 17.11	8.54 -3.00 56.99	24.88 -1.15 4.20	20.64 -0.71 0.97	27.78 -0.72 0.00	35.10 -1.25 0.13	35.14 -1.84 0.54	34.64 -1.74 0.00	25.99 -1.63 4.17	20.66 -1.37 7.50	13.88 -0.63 0.69	5.04 -0.54 8.77
CHERRYST_13_KV_LD 356241	24.10 1.56 0.00	20.68 1.40 0.00	19.78 1.29 0.00	18.63 1.22 0.00	18.87 1.19 0.00	20.32 1.21 0.00	20.13 1.19 0.00	20.25 1.25 0.00	21.71 1.40 0.00	23.24 1.56 0.00	21.78 1.55 0.00	25.23 1.78 0.00	45.05 3.19 0.00	73.79 5.25 0.00	42.11 2.21 -9.67	39.39 1.66 -15.41	38.90 2.16 -8.25	39.18 2.42 -0.28	40.24 2.49 -0.24	39.77 2.46 -0.93	38.93 2.21 -4.93	39.23 1.99 -7.69	62.15 1.03 -45.93	37.36 0.91 -22.09

CHESTROR_138KV_BK263 355645	23.59 1.05 0.00	20.21 0.93 0.00	19.34 0.85 0.00	18.21 0.80 0.00	18.46 0.77 0.00	19.89 0.78 0.00	19.70 0.75 0.00	19.79 0.80 0.00	21.21 0.90 0.00	22.69 1.02 0.00	21.24 1.01 0.00	24.61 1.16 0.00	43.96 2.10 0.00	72.12 3.58 0.00	26.86 1.54 4.91	15.67 1.18 7.82	25.83 1.52 4.18	38.05 1.71 0.14	39.15 1.75 0.12	37.61 1.70 0.47	30.83 1.54 2.50	27.00 1.37 3.90	0.91 0.70 15.00	7.91 0.63 7.07
CH_MIDHUDSON___DRP 24192	23.80 1.26 0.00	20.42 1.14 0.00	19.56 1.06 0.00	18.42 1.01 0.00	18.67 0.98 0.00	20.10 1.00 0.00	19.91 0.97 0.00	20.01 1.01 0.00	21.44 1.13 0.00	22.93 1.26 0.00	21.47 1.24 0.00	24.90 1.45 0.00	44.45 2.59 0.00	72.79 4.25 0.00	32.06 1.83 0.00	23.69 1.38 0.00	30.31 1.82 0.00	38.57 2.10 0.00	39.66 2.15 0.00	38.46 2.08 0.00	33.66 1.86 0.00	31.20 1.66 0.00	16.04 0.84 0.00	15.11 0.75 0.00
CH_MISC_IPPS 23765	23.93 1.39 0.00	20.52 1.24 0.00	19.64 1.15 0.00	18.49 1.08 0.00	18.74 1.06 0.00	20.19 1.08 0.00	19.99 1.05 0.00	20.10 1.10 0.00	21.55 1.24 0.00	23.05 1.38 0.00	21.59 1.36 0.00	25.04 1.59 0.00	44.69 2.84 0.00	73.26 4.73 0.00	32.27 2.04 0.00	23.86 1.55 0.00	30.51 2.02 0.00	38.83 2.35 0.00	39.91 2.39 0.00	38.70 2.32 0.00	33.86 2.07 0.00	31.38 1.84 0.00	16.14 0.93 0.00	15.19 0.83 0.00
CH_RES_BVR_FALLS 23983	22.11 -0.43 0.00	18.76 -0.52 0.00	18.09 -0.40 0.00	17.00 -0.41 0.00	17.22 -0.46 0.00	18.52 -0.59 0.00	18.38 -0.57 0.00	18.40 -0.59 0.00	19.65 -0.67 0.00	14.27 -0.71 6.70	-22.89 -0.51 42.61	22.72 -0.72 0.00	40.50 -1.36 0.00	48.24 -2.21 18.09	29.41 -0.82 0.00	21.65 -0.67 0.00	27.62 -0.88 0.00	35.47 -1.01 0.00	36.55 -0.96 0.00	35.51 -0.87 0.00	31.13 -0.67 0.00	29.07 -0.47 0.00	14.90 -0.31 0.00	13.93 -0.43 0.00
CH_RES_NIAGARA 23895	18.57 -1.21 2.76	16.97 -1.07 1.23	13.25 -0.94 4.30	8.79 -0.95 7.67	12.07 -0.92 4.69	18.37 -0.73 0.00	18.21 -0.73 0.00	18.13 -0.80 0.06	15.04 -0.87 4.41	8.14 -1.09 12.45	11.69 -1.20 7.35	21.89 -1.45 0.11	25.60 -2.43 13.83	18.71 -3.75 46.08	24.94 -1.90 3.39	20.13 -1.40 0.78	26.65 -1.85 0.00	33.91 -2.46 0.11	34.14 -2.94 0.43	33.50 -2.88 0.00	25.94 -2.48 3.38	21.16 -2.11 6.28	13.59 -1.05 0.56	6.57 -0.70 7.09
CH_RES_SYRACUSE 23985	22.44 -0.10 0.00	19.19 -0.09 0.00	18.39 -0.11 0.00	17.31 -0.10 0.00	17.59 -0.10 0.00	19.04 -0.07 0.00	18.87 -0.08 0.00	18.94 -0.06 0.00	20.25 -0.06 0.00	21.59 -0.09 0.00	20.13 -0.11 0.00	23.37 -0.08 0.00	41.82 -0.04 0.00	68.46 -0.08 0.00	30.12 -0.10 0.00	22.25 -0.07 0.00	28.47 -0.02 0.00	36.48 0.00 0.00	37.47 -0.05 0.00	36.38 0.00 0.00	31.78 -0.01 0.00	29.48 -0.06 0.00	15.16 -0.04 0.00	14.34 -0.01 0.00
CLINTON_WT_PWR 323605	22.23 -0.31 0.00	19.02 -0.26 0.00	18.12 -0.37 0.00	16.89 -0.52 0.00	17.08 -0.60 0.00	18.40 -0.71 0.00	17.90 -1.05 0.00	7.38 -1.33 10.28	-16.74 -1.73 35.32	15.87 -1.55 4.26	-8.33 -1.44 27.12	21.73 -1.72 0.00	38.15 -3.71 0.00	-23.78 -6.18 86.14	-23.78 -2.76 51.25	20.55 -1.76 0.00	26.49 -2.01 0.00	34.95 -1.53 0.00	36.42 -1.10 0.00	36.11 -0.27 0.00	31.09 -0.70 0.00	29.02 -0.52 0.00	14.90 -0.30 0.00	13.91 -0.45 0.00
CLINTON___LFGE 323618	22.57 0.03 0.00	19.29 0.02 0.00	18.43 -0.07 0.00	17.22 -0.19 0.00	17.41 -0.28 0.00	18.78 -0.33 0.00	18.39 -0.55 0.00	18.32 -0.68 0.00	19.38 -0.93 0.00	16.66 -0.76 4.25	-7.54 -0.72 27.06	22.51 -0.94 0.00	39.74 -2.12 0.00	-21.97 -3.77 86.75	-23.01 -1.55 51.69	21.45 -0.87 0.00	27.62 -0.88 0.00	36.00 -0.47 0.00	37.29 -0.22 0.00	36.58 0.20 0.00	31.72 -0.07 0.00	29.57 0.03 0.00	15.17 -0.03 0.00	14.18 -0.18 0.00
COBBLENY_34_KV_TB1 80064	18.61 -0.52 3.42	17.26 -0.48 1.53	12.69 -0.47 5.33	7.39 -0.51 9.51	11.42 -0.45 5.82	18.86 -0.24 0.00	18.71 -0.23 0.00	18.66 -0.26 0.08	14.56 -0.29 5.46	5.82 -0.43 15.42	10.54 -0.58 9.11	22.63 -0.69 0.13	23.66 -1.04 17.15	9.95 -1.50 57.09	25.24 -0.79 4.21	20.81 -0.53 0.97	27.87 -0.63 0.00	35.64 -0.71 0.13	35.80 -1.18 0.54	35.23 -1.15 0.00	26.56 -1.07 4.17	21.44 -0.91 7.19	14.08 -0.43 0.70	5.30 -0.27 8.79
COFFEEN___115KV_TB3 355620	23.20 0.66 0.00	19.24 -0.03 0.00	18.41 -0.08 0.00	17.45 0.04 0.00	17.56 -0.13 0.00	18.91 -0.19 0.00	18.83 -0.11 0.00	18.74 -0.25 0.00	19.97 -0.35 0.00	20.30 -0.57 0.80	14.53 -0.61 5.09	23.07 -0.38 0.00	42.16 0.30 0.00	69.36 0.32 -0.51	32.30 0.24 -1.83	22.27 -0.05 0.00	28.33 -0.17 0.00	36.76 0.28 0.00	38.37 0.85 0.00	37.50 1.12 0.00	32.62 0.83 0.00	30.51 0.97 0.00	15.28 0.08 0.00	14.23 -0.12 0.00
COLDSPRG_115KV_BK1 355956	18.37 -0.37 3.80	17.26 -0.32 1.70	12.19 -0.36 5.93	6.50 -0.32 10.59	10.90 -0.30 6.48	18.92 -0.19 0.00	18.78 -0.16 0.00	18.79 -0.12 0.09	14.07 -0.16 6.08	4.26 -0.25 17.17	9.57 -0.52 10.15	22.71 -0.58 0.15	22.07 -0.69 19.10	4.37 -0.79 63.37	25.16 -0.39 4.68	21.09 -0.15 1.08	28.51 0.01 0.00	36.09 -0.25 0.15	36.14 -0.78 0.60	35.69 -0.69 0.00	26.59 -0.63 4.57	23.08 -0.43 6.03	14.25 -0.18 0.77	4.47 -0.10 9.79
COLONIE_LFGE___ 323577	23.40 0.86 0.00	20.10 0.82 0.00	19.31 0.82 0.00	18.25 0.84 0.00	18.50 0.82 0.00	19.95 0.84 0.00	19.72 0.78 0.00	19.78 0.79 0.00	21.21 0.90 0.00	22.62 0.94 0.00	21.12 0.88 0.00	24.46 1.02 0.00	43.60 1.74 0.00	71.29 2.75 0.00	31.43 1.20 0.00	23.18 0.87 0.00	29.76 1.27 0.00	38.00 1.52 0.00	39.11 1.60 0.00	37.93 1.56 0.00	33.19 1.40 0.00	30.78 1.24 0.00	15.84 0.64 0.00	14.96 0.61 0.00
COOPERNY_115KV_TB1 80082	23.30 0.76 0.00	19.94 0.66 0.00	19.09 0.60 0.00	17.97 0.56 0.00	18.23 0.55 0.00	19.66 0.56 0.00	19.48 0.53 0.00	19.56 0.57 0.00	20.95 0.63 0.00	22.40 0.72 0.00	20.96 0.72 0.00	24.28 0.83 0.00	43.35 1.49 0.00	71.08 2.54 0.00	29.42 1.09 1.90	20.13 0.84 3.03	27.97 1.09 1.62	37.63 1.21 0.06	38.71 1.24 0.05	37.39 1.19 0.18	31.91 1.08 0.97	29.00 0.97 1.51	9.86 0.51 5.85	12.05 0.46 2.76
COPENHAGEN_WT_PWR 323753	22.88 0.34 0.00	18.90 -0.38 0.00	18.06 -0.43 0.00	17.16 -0.25 0.00	17.22 -0.47 0.00	18.50 -0.61 0.00	18.42 -0.52 0.00	18.34 -0.65 0.00	19.55 -0.77 0.00	19.95 -0.97 0.75	14.45 -0.98 4.80	22.56 -0.88 0.00	41.07 -0.79 0.00	67.62 -1.40 -0.48	31.42 -0.54 -1.73	21.77 -0.54 0.00	27.70 -0.80 0.00	35.82 -0.66 0.00	37.52 0.00 0.00	36.85 0.47 0.00	31.95 0.15 0.00	29.92 0.38 0.00	14.94 -0.27 0.00	13.91 -0.44 0.00
CORNELL_____ 23752	32.64 0.20 -9.90	23.88 0.17 -4.44	34.09 0.13 -15.46	45.10 0.12 -27.57	34.68 0.13 -16.87	19.29 0.19 0.00	19.12 0.18 0.00	19.41 0.18 -0.23	36.35 0.17 -15.87	66.70 0.14 -44.88	46.79 0.09 -26.47	24.03 0.19 -0.39	92.23 0.55 -49.82	234.53 1.04 -164.95	42.83 0.39 -12.22	25.43 0.29 -2.82	28.94 0.44 0.00	37.56 0.70 -0.39	39.72 0.64 -1.56	37.13 0.75 0.00	44.31 0.74 -11.78	42.11 0.64 -11.93	17.52 0.30 -2.02	40.15 0.27 -25.53

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DANSKAMMER___4 23591	23.93 1.39 0.00	20.52 1.24 0.00	19.64 1.15 0.00	18.49 1.08 0.00	18.74 1.06 0.00	20.19 1.08 0.00	19.99 1.05 0.00	20.10 1.10 0.00	21.55 1.24 0.00	23.05 1.38 0.00	21.59 1.36 0.00	25.04 1.59 0.00	44.69 2.84 0.00	73.26 4.73 0.00	32.27 2.04 0.00	23.86 1.55 0.00	30.51 2.02 0.00	38.83 2.35 0.00	39.91 2.39 0.00	38.70 2.32 0.00	33.86 2.07 0.00	31.38 1.84 0.00	16.14 0.93 0.00	15.19 0.83 0.00
DANSKAMMER___DIESEL 23592	23.93 1.39 0.00	20.52 1.24 0.00	19.63 1.14 0.00	18.49 1.08 0.00	18.74 1.05 0.00	20.19 1.08 0.00	19.99 1.05 0.00	20.09 1.10 0.00	21.54 1.23 0.00	23.04 1.37 0.00	21.58 1.34 0.00	25.03 1.59 0.00	44.69 2.84 0.00	73.25 4.71 0.00	32.28 2.05 0.00	23.86 1.55 0.00	30.51 2.02 0.00	38.83 2.35 0.00	39.90 2.39 0.00	38.70 2.32 0.00	33.86 2.06 0.00	31.38 1.84 0.00	16.14 0.93 0.00	15.18 0.83 0.00
DARBY___SOLAR 323810	23.81 1.27 0.00	20.44 1.16 0.00	19.61 1.12 0.00	18.51 1.10 0.00	18.78 1.10 0.00	20.27 1.17 0.00	20.06 1.11 0.00	20.13 1.13 0.00	21.60 1.29 0.00	23.06 1.38 0.00	21.42 1.19 0.00	24.80 1.35 0.00	44.23 2.37 0.00	72.16 3.62 0.00	31.93 1.70 0.00	23.59 1.28 0.00	30.38 1.88 0.00	38.83 2.35 0.00	40.04 2.52 0.00	38.85 2.47 0.00	33.97 2.18 0.00	31.47 1.93 0.00	16.17 0.97 0.00	15.23 0.88 0.00
DASHVILLE___HYD 23610	23.70 1.16 0.00	20.31 1.04 0.00	19.44 0.95 0.00	18.28 0.87 0.00	18.53 0.85 0.00	19.97 0.87 0.00	19.77 0.83 0.00	19.87 0.87 0.00	21.31 0.99 0.00	22.82 1.14 0.00	21.37 1.14 0.00	24.81 1.36 0.00	44.25 2.39 0.00	72.47 3.93 0.00	31.93 1.70 0.00	23.59 1.28 0.00	30.16 1.66 0.00	38.33 1.86 0.00	39.40 1.89 0.00	38.20 1.82 0.00	33.43 1.64 0.00	31.01 1.47 0.00	15.95 0.75 0.00	15.03 0.67 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	55.23 3.01 -29.68	25.65 2.59 -3.78	20.93 2.43 -0.01	19.74 2.33 -0.01	19.95 2.26 0.00	21.44 2.33 0.00	20.98 2.04 0.00	20.76 1.76 0.00	22.40 2.09 0.00	23.95 2.27 0.00	27.96 2.25 -5.48	30.97 2.62 -4.91	46.04 4.19 0.00	76.50 6.47 -1.49	42.78 2.98 -9.57	39.83 2.25 -15.26	139.21 3.05 -107.66	74.72 3.41 -34.83	50.81 3.61 -9.69	40.86 3.54 -0.93	39.77 3.09 -4.89	39.82 2.67 -7.61	62.16 1.31 -45.65	37.36 1.04 -21.97
DELAWARE___LFGE 323621	23.67 0.51 -0.62	20.00 0.44 -0.28	19.86 0.40 -0.97	19.50 0.37 -1.72	19.09 0.37 -1.04	19.49 0.38 0.00	19.32 0.37 0.00	19.40 0.39 -0.01	21.75 0.43 -1.00	25.00 0.49 -2.83	22.35 0.45 -1.66	24.00 0.53 -0.02	46.02 1.01 -3.15	80.70 1.74 -10.42	31.76 0.76 -0.77	23.11 0.62 -0.18	29.32 0.82 0.00	37.48 0.98 -0.02	38.60 0.99 -0.10	37.36 0.97 0.00	33.39 0.86 -0.74	30.98 0.77 -0.66	15.72 0.39 -0.13	16.33 0.36 -1.62
DERFIELD_115KV_TB7 355931	22.65 0.11 0.00	19.38 0.10 0.00	18.59 0.10 0.00	17.51 0.11 0.00	17.78 0.10 0.00	19.18 0.08 0.00	19.02 0.07 0.00	19.08 0.08 0.00	20.40 0.09 0.00	21.99 0.10 -0.21	21.70 0.10 -1.36	23.55 0.10 0.00	42.07 0.21 0.00	69.47 0.35 -0.58	30.38 0.15 0.00	22.43 0.11 0.00	28.66 0.17 0.00	36.66 0.18 0.00	37.70 0.19 0.00	36.57 0.19 0.00	32.00 0.20 0.00	29.72 0.18 0.00	15.28 0.08 0.00	14.43 0.07 0.00
DOGLEVILLE___HYD 23807	22.72 0.18 0.00	19.51 0.23 0.00	18.68 0.19 0.00	17.64 0.22 0.00	17.90 0.22 0.00	19.25 0.14 0.00	19.04 0.10 0.00	19.06 0.06 0.00	20.44 0.12 0.00	22.01 0.12 -0.21	21.55 -0.04 -1.36	23.40 -0.05 0.00	41.82 -0.04 0.00	69.75 0.64 -0.58	30.53 0.30 0.00	22.65 0.33 0.00	29.11 0.62 0.00	37.29 0.81 0.00	38.43 0.91 0.00	37.30 0.92 0.00	32.70 0.91 0.00	30.34 0.80 0.00	15.59 0.39 0.00	14.63 0.28 0.00
DUNKIRK___115KV_TB_200 55889	18.20 -0.95 3.39	16.90 -0.85 1.52	12.36 -0.84 5.29	7.16 -0.80 9.45	11.16 -0.74 5.78	18.50 -0.61 0.00	18.36 -0.59 0.00	18.34 -0.58 0.08	14.15 -0.74 5.43	5.45 -0.90 15.33	10.16 -1.03 9.05	22.13 -1.19 0.13	22.95 -1.87 17.04	9.06 -2.72 56.75	24.94 -1.11 4.18	20.66 -0.70 0.96	27.78 -0.72 0.00	35.15 -1.20 0.13	35.22 -1.76 0.53	34.72 -1.66 0.00	26.10 -1.54 4.16	20.68 -1.30 7.56	13.91 -0.60 0.69	5.14 -0.48 8.73
DUNKIRK___1 23563	18.20 -0.95 3.39	16.90 -0.85 1.52	12.36 -0.84 5.29	7.16 -0.80 9.45	11.16 -0.74 5.78	18.50 -0.61 0.00	18.36 -0.59 0.00	18.34 -0.58 0.08	14.15 -0.74 5.43	5.45 -0.90 15.33	10.16 -1.03 9.05	22.13 -1.19 0.13	22.95 -1.87 17.04	9.06 -2.72 56.75	24.94 -1.11 4.18	20.66 -0.70 0.96	27.78 -0.72 0.00	35.15 -1.20 0.13	35.22 -1.76 0.53	34.72 -1.66 0.00	26.10 -1.54 4.16	20.68 -1.30 7.56	13.91 -0.60 0.69	5.14 -0.48 8.73
DUNKIRK___2 23564	18.20 -0.95 3.39	16.90 -0.85 1.52	12.36 -0.84 5.29	7.16 -0.80 9.45	11.16 -0.74 5.78	18.50 -0.61 0.00	18.36 -0.59 0.00	18.34 -0.58 0.08	14.15 -0.74 5.43	5.45 -0.90 15.33	10.16 -1.03 9.05	22.13 -1.19 0.13	22.95 -1.87 17.04	9.06 -2.72 56.75	24.94 -1.11 4.18	20.66 -0.70 0.96	27.78 -0.72 0.00	35.15 -1.20 0.13	35.22 -1.76 0.53	34.72 -1.66 0.00	26.10 -1.54 4.16	20.68 -1.30 7.56	13.91 -0.60 0.69	5.14 -0.48 8.73
DUNKIRK___3 23565	18.34 -0.85 3.35	17.01 -0.77 1.50	12.52 -0.75 5.23	7.36 -0.73 9.32	11.31 -0.67 5.71	18.57 -0.54 0.00	18.42 -0.52 0.00	18.40 -0.52 0.08	14.31 -0.65 5.35	5.75 -0.80 15.12	10.36 -0.94 8.93	22.22 -1.10 0.13	23.33 -1.71 16.81	9.97 -2.53 56.04	24.99 -1.11 4.12	20.64 -0.72 0.95	27.70 -0.79 0.00	35.18 -1.17 0.13	35.30 -1.69 0.53	34.78 -1.60 0.00	26.21 -1.47 4.12	20.46 -1.24 7.84	13.94 -0.58 0.68	5.29 -0.45 8.62
DUNKIRK___4 23566	18.34 -0.85 3.35	17.01 -0.77 1.50	12.52 -0.75 5.23	7.36 -0.73 9.32	11.31 -0.67 5.71	18.57 -0.54 0.00	18.42 -0.52 0.00	18.40 -0.52 0.08	14.31 -0.65 5.35	5.75 -0.80 15.12	10.36 -0.94 8.93	22.22 -1.10 0.13	23.33 -1.71 16.81	9.97 -2.53 56.04	24.99 -1.11 4.12	20.64 -0.72 0.95	27.70 -0.79 0.00	35.18 -1.17 0.13	35.30 -1.69 0.53	34.78 -1.60 0.00	26.21 -1.47 4.12	20.46 -1.24 7.84	13.94 -0.58 0.68	5.29 -0.45 8.62
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.98 1.44 0.00	20.57 1.30 0.00	19.69 1.20 0.00	18.54 1.13 0.00	18.79 1.11 0.00	20.22 1.12 0.00	20.02 1.08 0.00	20.13 1.13 0.00	21.57 1.26 0.00	23.09 1.41 0.00	21.64 1.41 0.00	25.08 1.63 0.00	44.77 2.91 0.00	73.34 4.81 0.00	41.92 2.03 -9.66	39.24 1.54 -15.39	38.73 1.99 -8.23	39.02 2.25 -0.28	40.07 2.32 -0.24	39.59 2.28 -0.93	38.77 2.05 -4.92	39.07 1.84 -7.68	62.09 0.95 -45.94	37.30 0.84 -22.10
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.74 1.20 0.00	20.33 1.06 0.00	19.46 0.97 0.00	18.32 0.91 0.00	18.58 0.89 0.00	20.01 0.90 0.00	19.82 0.87 0.00	19.92 0.92 0.00	21.35 1.03 0.00	22.84 1.16 0.00	21.39 1.15 0.00	24.78 1.33 0.00	44.26 2.40 0.00	72.59 4.05 0.00	30.61 1.75 1.36	21.49 1.34 2.17	29.07 1.73 1.16	38.42 1.99 0.04	39.52 2.04 0.03	38.21 1.97 0.13	32.86 1.77 0.69	30.03 1.57 1.08	11.62 0.80 4.38	13.00 0.71 2.07

E179THST_138_KV_TB4_REV_LBMP_J 345001	24.10 1.56 0.00	20.66 1.39 0.00	19.73 1.24 0.00	18.58 1.17 0.00	18.83 1.14 0.00	20.24 1.14 0.00	20.10 1.16 0.00	20.16 1.16 0.00	21.63 1.32 0.00	23.15 1.47 0.00	21.70 1.46 0.00	25.14 1.69 0.00	44.88 3.02 0.00	73.54 5.00 0.00	41.99 2.10 -9.67	39.29 1.57 -15.41	38.78 2.04 -8.24	39.08 2.32 -0.28	40.14 2.39 -0.24	39.68 2.37 -0.93	38.85 2.13 -4.93	39.16 1.93 -7.69	62.12 1.01 -45.91	37.35 0.90 -22.09
E179THST_13_KV_LOAD 356214	24.21 1.67 0.00	20.76 1.48 0.00	19.82 1.33 0.00	18.66 1.25 0.00	18.91 1.23 0.00	20.33 1.23 0.00	20.19 1.24 0.00	20.25 1.25 0.00	21.74 1.42 0.00	23.25 1.57 0.00	21.79 1.55 0.00	25.25 1.80 0.00	45.09 3.23 0.00	73.89 5.35 0.00	42.15 2.26 -9.67	39.40 1.68 -15.41	38.92 2.18 -8.24	39.26 2.50 -0.28	40.33 2.57 -0.24	39.87 2.55 -0.93	39.01 2.29 -4.93	39.31 2.08 -7.69	62.19 1.08 -45.91	37.42 0.97 -22.09
EAST HAMPTON___GT 23717	55.36 3.14 -29.68	25.74 2.68 -3.78	21.00 2.50 -0.01	19.82 2.40 -0.01	19.99 2.31 0.00	21.50 2.39 0.00	21.05 2.10 0.00	20.82 1.82 0.00	22.48 2.17 0.00	24.03 2.35 0.00	27.92 2.20 -5.48	30.90 2.55 -4.91	45.82 3.97 0.00	76.21 6.18 -1.49	42.59 2.78 -9.57	39.70 2.12 -15.26	139.05 2.87 -107.68	74.53 3.20 -34.85	50.59 3.38 -9.69	40.63 3.31 -0.93	39.58 2.90 -4.89	39.60 2.44 -7.61	62.07 1.21 -45.65	37.26 0.93 -21.97
EAST RIVER___6 23660	24.06 1.52 0.00	20.65 1.37 0.00	19.75 1.26 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.09 1.15 0.00	20.21 1.22 0.00	21.69 1.38 0.00	23.22 1.55 0.00	21.77 1.53 0.00	25.17 1.73 0.00	44.93 3.08 0.00	73.63 5.09 0.00	42.04 2.14 -9.67	39.31 1.59 -15.41	38.82 2.08 -8.25	39.08 2.31 -0.28	40.13 2.38 -0.24	39.68 2.37 -0.93	38.84 2.12 -4.93	39.14 1.91 -7.69	62.14 1.01 -45.93	37.34 0.89 -22.09
EAST RIVER___7 23524	24.06 1.52 0.00	20.65 1.37 0.00	19.75 1.26 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.09 1.15 0.00	20.21 1.22 0.00	21.69 1.38 0.00	23.22 1.55 0.00	21.77 1.53 0.00	25.17 1.73 0.00	44.93 3.08 0.00	73.63 5.09 0.00	42.04 2.14 -9.67	39.31 1.59 -15.41	38.82 2.08 -8.25	39.08 2.31 -0.28	40.13 2.38 -0.24	39.68 2.37 -0.93	38.84 2.12 -4.93	39.14 1.91 -7.69	62.14 1.01 -45.93	37.34 0.89 -22.09
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.93 1.39 0.00	20.53 1.25 0.00	19.64 1.15 0.00	18.50 1.09 0.00	18.75 1.07 0.00	20.18 1.08 0.00	19.98 1.04 0.00	20.08 1.09 0.00	21.53 1.22 0.00	23.04 1.36 0.00	21.60 1.36 0.00	25.02 1.57 0.00	44.67 2.82 0.00	73.19 4.66 0.00	42.65 1.98 -10.44	40.45 1.49 -16.65	39.34 1.94 -8.90	38.98 2.19 -0.31	40.04 2.27 -0.26	39.61 2.22 -1.01	39.11 1.99 -5.32	39.63 1.78 -8.31	64.18 0.91 -48.06	38.26 0.81 -23.10
EAST_HAMPTON___DIESEL 23722	55.36 3.14 -29.68	25.72 2.67 -3.78	20.99 2.49 -0.01	19.81 2.39 -0.01	19.98 2.29 0.00	21.48 2.37 0.00	21.03 2.09 0.00	20.80 1.80 0.00	22.46 2.15 0.00	24.00 2.33 0.00	27.88 2.16 -5.48	30.84 2.49 -4.91	45.70 3.84 0.00	76.00 5.97 -1.49	42.50 2.70 -9.57	39.63 2.05 -15.26	138.97 2.79 -107.68	74.42 3.10 -34.85	50.48 3.27 -9.69	40.52 3.20 -0.93	39.48 2.80 -4.89	39.51 2.36 -7.61	62.02 1.17 -45.65	37.21 0.89 -21.97
EAST_POINT___SOLAR 323840	23.84 1.30 0.00	20.28 1.00 0.00	19.41 0.92 0.00	18.21 0.80 0.00	18.51 0.83 0.00	20.03 0.92 0.00	19.88 0.93 0.00	19.86 0.86 0.00	21.12 0.81 0.00	22.67 0.99 0.00	21.01 0.77 0.00	24.34 0.89 0.00	43.40 1.55 0.00	71.59 3.06 0.00	31.90 1.67 0.00	23.68 1.37 0.00	30.20 1.70 0.00	38.81 2.33 0.00	40.03 2.52 0.00	38.84 2.46 0.00	33.97 2.17 0.00	31.58 2.04 0.00	16.19 0.99 0.00	15.29 0.93 0.00
EAST_PULASKI___ESR 323781	22.37 -0.17 0.00	18.95 -0.33 0.00	18.16 -0.33 0.00	17.12 -0.28 0.00	17.33 -0.36 0.00	18.75 -0.36 0.00	18.61 -0.34 0.00	18.63 -0.36 0.00	19.91 -0.41 0.00	20.93 -0.48 0.26	18.09 -0.49 1.65	22.96 -0.48 0.00	41.30 -0.56 0.00	66.89 -0.95 0.70	29.79 -0.44 0.00	21.94 -0.37 0.00	28.01 -0.48 0.00	35.95 -0.53 0.00	37.18 -0.33 0.00	36.16 -0.22 0.00	31.53 -0.26 0.00	29.33 -0.21 0.00	14.98 -0.22 0.00	14.13 -0.23 0.00
EAST_RIVER___1 323558	24.04 1.50 0.00	20.63 1.36 0.00	19.74 1.25 0.00	18.59 1.19 0.00	18.83 1.15 0.00	20.26 1.16 0.00	20.08 1.13 0.00	20.19 1.19 0.00	21.66 1.35 0.00	23.19 1.52 0.00	21.73 1.50 0.00	25.14 1.69 0.00	44.91 3.05 0.00	73.60 5.06 0.00	42.01 2.11 -9.67	39.31 1.58 -15.41	38.81 2.06 -8.25	39.06 2.30 -0.28	40.12 2.38 -0.24	39.66 2.35 -0.93	38.84 2.12 -4.93	39.14 1.91 -7.69	62.12 0.99 -45.93	37.33 0.88 -22.09
EAST_RIVER___2 323559	24.06 1.52 0.00	20.65 1.37 0.00	19.75 1.26 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.09 1.15 0.00	20.21 1.22 0.00	21.69 1.38 0.00	23.22 1.55 0.00	21.77 1.53 0.00	25.17 1.73 0.00	44.93 3.08 0.00	73.63 5.09 0.00	42.04 2.14 -9.67	39.31 1.59 -15.41	38.82 2.08 -8.25	39.08 2.31 -0.28	40.13 2.38 -0.24	39.68 2.37 -0.93	38.84 2.12 -4.93	39.14 1.91 -7.69	62.14 1.01 -45.93	37.34 0.89 -22.09
EAST___DELAWARE_HYD 23607	23.46 0.92 0.00	20.05 0.78 0.00	19.18 0.69 0.00	18.03 0.62 0.00	18.28 0.60 0.00	19.72 0.62 0.00	19.55 0.61 0.00	19.67 0.67 0.00	21.09 0.77 0.00	22.55 0.88 0.00	20.53 0.29 0.00	23.86 0.42 0.00	42.45 0.60 0.00	69.56 1.03 0.00	30.70 0.47 0.00	22.78 0.47 0.00	29.09 0.60 0.00	37.05 0.57 0.00	38.08 0.57 0.00	36.89 0.51 0.00	32.30 0.51 0.00	30.04 0.50 0.00	15.88 0.68 0.00	14.92 0.57 0.00
EIGHT_POINT___WT_PWR 323820	14.26 -1.39 6.89	15.05 -1.14 3.09	6.40 -1.33 10.76	-2.99 -1.20 19.19	4.80 -1.14 11.75	17.91 -1.19 0.00	17.72 -1.22 0.00	17.76 -1.08 0.16	8.04 -1.25 11.03	-10.84 -1.17 31.34	0.69 -1.13 18.42	21.55 -1.63 0.27	4.26 -2.96 34.64	-47.76 -3.15 113.15	19.79 -1.94 8.49	19.02 -1.34 1.96	26.82 -1.67 0.00	34.40 -1.81 0.27	34.55 -1.88 1.09	34.55 -1.83 0.00	22.76 -1.42 7.61	35.62 -1.33 -7.40	13.01 -0.78 1.41	-4.24 -0.84 17.75
ELBRIDGE_115KV_TB2 80188	22.31 -0.23 0.00	19.08 -0.19 0.00	18.29 -0.21 0.00	17.22 -0.19 0.00	17.49 -0.19 0.00	18.94 -0.17 0.00	18.77 -0.17 0.00	18.84 -0.16 0.00	20.14 -0.17 0.00	21.48 -0.20 0.00	20.02 -0.22 0.00	23.22 -0.22 0.00	41.54 -0.32 0.00	68.02 -0.51 0.00	29.92 -0.31 0.00	22.10 -0.21 0.00	28.28 -0.22 0.00	36.23 -0.25 0.00	37.21 -0.31 0.00	36.13 -0.26 0.00	31.57 -0.22 0.00	29.29 -0.25 0.00	15.07 -0.13 0.00	14.26 -0.09 0.00
ELEC_TRO_TEK 24086	48.52 1.82 -24.16	24.67 1.62 -3.78	19.98 1.49 0.00	18.82 1.41 0.00	19.09 1.40 0.00	20.51 1.41 0.00	20.23 1.28 0.00	20.26 1.26 0.00	21.75 1.43 0.00	23.25 1.57 0.00	27.42 1.70 -5.48	30.31 1.95 -4.91	45.28 3.42 0.00	75.66 5.38 -1.74	42.18 2.38 -9.57	39.37 1.80 -15.26	39.01 2.35 -8.16	39.36 2.61 -0.28	40.50 2.74 -0.24	40.01 2.71 -0.93	39.08 2.41 -4.88	39.33 2.17 -7.61	61.94 1.09 -45.65	37.26 0.93 -21.97

ELLENBURG_WT_PWR 323604	22.23 -0.31 0.00	19.02 -0.26 0.00	18.12 -0.37 0.00	16.89 -0.52 0.00	17.08 -0.60 0.00	18.40 -0.71 0.00	17.90 -1.05 0.00	7.38 -1.33 10.28	-16.74 -1.73 35.32	15.87 -1.55 4.26	-8.33 -1.44 27.12	21.73 -1.72 0.00	38.15 -3.71 0.00	-23.78 -6.18 86.14	-23.78 -2.76 51.25	20.55 -1.76 0.00	26.49 -2.01 0.00	34.95 -1.53 0.00	36.42 -1.10 0.00	36.11 -0.27 0.00	31.09 -0.70 0.00	29.02 -0.52 0.00	14.90 -0.30 0.00	13.91 -0.45 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.64 -0.80 3.10	17.16 -0.73 1.39	12.99 -0.67 4.84	8.09 -0.69 8.63	11.77 -0.63 5.28	18.69 -0.42 0.00	18.53 -0.42 0.00	18.46 -0.46 0.07	14.82 -0.54 4.95	6.94 -0.73 14.01	11.11 -0.86 8.27	22.32 -1.01 0.12	24.64 -1.66 15.56	14.13 -2.48 51.92	25.18 -1.23 3.82	20.57 -0.87 0.88	27.41 -1.09 0.00	35.03 -1.32 0.12	35.21 -1.81 0.49	34.62 -1.76 0.00	26.37 -1.59 3.83	20.28 -1.39 7.87	13.91 -0.66 0.63	5.93 -0.45 7.97
EMPIRE_CC_1 323656	23.13 0.59 0.00	19.88 0.61 0.00	19.11 0.61 0.00	18.06 0.65 0.00	18.32 0.63 0.00	19.72 0.61 0.00	19.49 0.54 0.00	19.55 0.55 0.00	20.96 0.64 0.00	22.32 0.64 0.00	20.87 0.63 0.00	24.14 0.69 0.00	42.98 1.12 0.00	70.25 1.71 0.00	30.98 0.75 0.00	22.85 0.53 0.00	29.27 0.78 0.00	37.32 0.84 0.00	38.42 0.90 0.00	37.23 0.85 0.00	32.61 0.82 0.00	30.27 0.73 0.00	15.64 0.44 0.00	14.78 0.42 0.00
EMPIRE_CC_2 323658	23.13 0.59 0.00	19.88 0.61 0.00	19.11 0.61 0.00	18.06 0.65 0.00	18.32 0.63 0.00	19.72 0.61 0.00	19.49 0.54 0.00	19.55 0.55 0.00	20.96 0.64 0.00	22.32 0.64 0.00	20.87 0.63 0.00	24.14 0.69 0.00	42.98 1.12 0.00	70.25 1.71 0.00	30.98 0.75 0.00	22.85 0.53 0.00	29.27 0.78 0.00	37.32 0.84 0.00	38.42 0.90 0.00	37.23 0.85 0.00	32.61 0.82 0.00	30.27 0.73 0.00	15.64 0.44 0.00	14.78 0.42 0.00
ENORWICH_115KV_TB1 80156	26.93 0.63 -3.75	21.44 0.49 -1.68	24.75 0.40 -5.86	28.20 0.36 -10.42	24.42 0.37 -6.36	19.60 0.49 0.00	19.43 0.49 0.00	19.52 0.44 -0.09	26.77 0.43 -6.02	38.98 0.28 -17.02	30.47 0.21 -10.02	23.91 0.31 -0.15	61.75 1.00 -18.89	133.22 2.12 -62.56	35.89 1.03 -4.63	24.36 0.98 -1.07	29.86 1.36 0.00	38.62 1.99 -0.15	40.12 2.02 -0.59	38.36 1.98 0.00	38.14 1.87 -4.47	35.82 1.65 -4.62	16.73 0.76 -0.77	24.76 0.72 -9.68
ERIE_ST__34_KV_TB1-2 80199	18.87 -0.42 3.25	17.45 -0.38 1.46	13.05 -0.36 5.08	7.96 -0.40 9.06	11.79 -0.35 5.54	18.95 -0.16 0.00	18.79 -0.15 0.00	18.74 -0.18 0.07	14.92 -0.19 5.20	6.66 -0.33 14.69	11.05 -0.51 8.68	22.71 -0.62 0.13	24.70 -0.82 16.33	13.05 -1.09 54.40	25.54 -0.68 4.00	20.91 -0.48 0.92	27.95 -0.55 0.00	35.76 -0.59 0.13	35.98 -1.03 0.51	35.38 -1.00 0.00	26.90 -0.91 3.99	21.48 -0.74 7.32	14.18 -0.36 0.66	5.80 -0.18 8.37
ERIE_WT_PWR 323693	18.60 -0.72 3.22	17.19 -0.65 1.44	12.83 -0.65 5.02	7.76 -0.68 8.97	11.62 -0.59 5.48	18.76 -0.35 0.00	18.60 -0.35 0.00	18.54 -0.38 0.07	14.68 -0.49 5.15	6.45 -0.69 14.54	10.81 -0.84 8.58	22.38 -0.95 0.13	24.21 -1.50 16.15	12.35 -2.32 53.86	25.15 -1.12 3.96	20.64 -0.77 0.91	27.54 -0.95 0.00	35.24 -1.12 0.12	35.37 -1.64 0.51	34.82 -1.56 0.00	26.37 -1.46 3.96	20.50 -1.26 7.78	13.95 -0.60 0.66	5.64 -0.43 8.28
ESPRGFLD_115KV_TB1 80157	23.45 0.90 0.00	19.95 0.67 0.00	19.10 0.60 0.00	17.91 0.49 0.00	18.19 0.51 0.00	19.69 0.58 0.00	19.54 0.60 0.00	19.58 0.59 0.00	20.92 0.60 0.00	22.40 0.72 0.00	20.82 0.58 0.00	24.13 0.68 0.00	43.17 1.31 0.00	70.92 2.38 0.00	31.42 1.19 0.00	23.30 0.98 0.00	29.73 1.24 0.00	38.19 1.71 0.00	39.31 1.80 0.00	38.16 1.78 0.00	33.37 1.58 0.00	31.01 1.47 0.00	15.91 0.71 0.00	15.02 0.67 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.69 0.19 -7.96	23.00 0.15 -3.57	31.05 0.11 -12.44	39.69 0.11 -22.17	31.37 0.12 -13.57	19.28 0.17 0.00	19.10 0.16 0.00	19.34 0.16 -0.18	33.23 0.15 -12.76	57.90 0.12 -36.10	41.59 0.06 -21.29	23.91 0.15 -0.31	82.42 0.49 -40.08	202.16 0.93 -132.69	40.41 0.35 -9.83	24.85 0.27 -2.27	28.90 0.41 0.00	37.43 0.64 -0.31	39.35 0.58 -1.26	37.06 0.68 0.00	41.93 0.66 -9.48	39.73 0.56 -9.64	17.09 0.26 -1.63	35.13 0.24 -20.54
ETNA____115KV_TB2 80207	30.69 0.19 -7.96	23.00 0.15 -3.57	31.05 0.11 -12.44	39.69 0.11 -22.17	31.37 0.12 -13.57	19.28 0.17 0.00	19.10 0.16 0.00	19.34 0.16 -0.18	33.23 0.15 -12.76	57.90 0.12 -36.10	41.59 0.06 -21.29	23.91 0.15 -0.31	82.42 0.49 -40.08	202.16 0.93 -132.69	40.41 0.35 -9.83	24.85 0.27 -2.27	28.90 0.41 0.00	37.43 0.64 -0.31	39.35 0.58 -1.26	37.06 0.68 0.00	41.93 0.66 -9.48	39.73 0.56 -9.64	17.09 0.26 -1.63	35.13 0.24 -20.54
EUCLID____115KV_TB2 356179	22.25 -0.29 0.00	19.02 -0.25 0.00	18.24 -0.25 0.00	17.17 -0.24 0.00	17.45 -0.24 0.00	18.88 -0.22 0.00	18.71 -0.23 0.00	18.77 -0.23 0.00	20.07 -0.24 0.00	21.41 -0.27 0.00	19.96 -0.28 0.00	23.14 -0.30 0.00	41.40 -0.46 0.00	67.77 -0.76 0.00	29.82 -0.41 0.00	22.02 -0.29 0.00	28.17 -0.33 0.00	36.07 -0.40 0.00	37.05 -0.46 0.00	35.97 -0.41 0.00	31.42 -0.37 0.00	29.15 -0.39 0.00	15.00 -0.20 0.00	14.21 -0.15 0.00
E_CANADA_CAP_HY 24051	23.79 1.25 0.00	20.23 0.95 0.00	19.37 0.87 0.00	18.16 0.75 0.00	18.46 0.77 0.00	19.97 0.86 0.00	19.82 0.88 0.00	19.82 0.82 0.00	21.11 0.79 0.00	22.63 0.95 0.00	20.98 0.75 0.00	24.31 0.86 0.00	43.37 1.51 0.00	71.44 2.90 0.00	31.80 1.57 0.00	23.60 1.28 0.00	30.07 1.57 0.00	38.67 2.19 0.00	39.88 2.37 0.00	38.71 2.33 0.00	33.85 2.05 0.00	31.48 1.94 0.00	16.13 0.93 0.00	15.24 0.89 0.00
E_CANADA_MHWK_HY 24050	22.72 0.18 0.00	19.51 0.23 0.00	18.68 0.19 0.00	17.64 0.22 0.00	17.90 0.22 0.00	19.25 0.14 0.00	19.04 0.10 0.00	19.06 0.06 0.00	20.44 0.12 0.00	22.01 0.12 -0.21	21.55 -0.04 -1.36	23.40 -0.05 0.00	41.82 -0.04 0.00	69.75 0.64 -0.58	30.53 0.30 0.00	22.65 0.33 0.00	29.11 0.62 0.00	37.29 0.81 0.00	38.43 0.91 0.00	37.30 0.92 0.00	32.70 0.91 0.00	30.34 0.80 0.00	15.59 0.39 0.00	14.63 0.28 0.00
E_FISHKILL____LBMP 23776	23.71 1.16 0.00	20.34 1.07 0.00	19.48 0.99 0.00	18.35 0.94 0.00	18.60 0.92 0.00	20.03 0.92 0.00	19.83 0.89 0.00	19.93 0.93 0.00	21.36 1.04 0.00	22.84 1.16 0.00	21.40 1.16 0.00	24.78 1.33 0.00	44.23 2.37 0.00	72.45 3.91 0.00	34.29 1.65 -2.41	27.40 1.25 -3.83	32.19 1.65 -2.05	38.41 1.87 -0.07	39.50 1.93 -0.06	38.49 1.88 -0.23	34.70 1.68 -1.23	32.97 1.51 -1.91	23.02 0.77 -7.05	18.35 0.68 -3.32
FALCON____SEABRD_CC1 323796	22.48 -0.06 0.00	19.25 -0.03 0.00	18.38 -0.11 0.00	17.17 -0.24 0.00	17.34 -0.34 0.00	18.68 -0.42 0.00	18.27 -0.68 0.00	18.17 -0.83 0.00	19.19 -1.13 0.00	16.46 -0.96 4.26	-7.80 -0.92 27.12	22.28 -1.17 0.00	39.28 -2.57 0.00	-22.02 -4.41 86.15	-22.91 -1.88 51.26	21.18 -1.13 0.00	27.31 -1.19 0.00	35.65 -0.83 0.00	36.97 -0.54 0.00	36.35 -0.03 0.00	31.52 -0.27 0.00	29.39 -0.15 0.00	15.09 -0.12 0.00	14.11 -0.24 0.00

FALCON___SEABRD_CC2 323797	22.48 -0.06 0.00	19.25 -0.03 0.00	18.38 -0.11 0.00	17.17 -0.24 0.00	17.34 -0.34 0.00	18.68 -0.42 0.00	18.27 -0.68 0.00	18.17 -0.83 0.00	19.19 -1.13 0.00	16.46 -0.96 4.26	-7.80 -0.92 27.12	22.28 -1.17 0.00	39.28 -2.57 0.00	-22.02 -4.41 86.15	-22.91 -1.88 51.26	21.18 -1.13 0.00	27.31 -1.19 0.00	35.65 -0.83 0.00	36.97 -0.54 0.00	36.35 -0.03 0.00	31.52 -0.27 0.00	29.39 -0.15 0.00	15.09 -0.12 0.00	14.11 -0.24 0.00
FAR ROCKAWAY___4 23548	48.83 2.12 -24.16	24.93 1.87 -3.78	20.22 1.73 0.00	19.04 1.63 0.00	19.31 1.62 0.00	20.76 1.65 0.00	20.46 1.52 0.00	20.49 1.49 0.00	22.01 1.69 0.00	23.54 1.87 0.00	27.71 1.99 -5.48	30.65 2.30 -4.91	45.94 4.07 -0.01	76.99 6.35 -2.10	42.19 2.39 -9.57	39.35 1.78 -15.26	39.12 2.46 -8.16	39.81 3.05 -0.28	41.11 3.36 -0.24	40.60 3.29 -0.93	39.59 2.92 -4.88	39.78 2.62 -7.61	62.17 1.32 -45.65	37.45 1.12 -21.97
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.05 1.51 0.00	20.63 1.36 0.00	19.75 1.25 0.00	18.59 1.18 0.00	18.83 1.15 0.00	20.26 1.16 0.00	20.07 1.13 0.00	20.19 1.19 0.00	21.65 1.33 0.00	23.17 1.49 0.00	21.72 1.49 0.00	25.15 1.71 0.00	44.92 3.06 0.00	73.58 5.05 0.00	42.02 2.12 -9.67	39.33 1.60 -15.41	38.81 2.07 -8.25	39.08 2.32 -0.28	40.14 2.39 -0.24	39.67 2.36 -0.93	38.84 2.12 -4.93	39.15 1.91 -7.69	62.12 1.00 -45.92	37.32 0.88 -22.09
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.06 1.52 0.00	20.65 1.37 0.00	19.75 1.26 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.09 1.14 0.00	20.20 1.20 0.00	21.66 1.34 0.00	23.18 1.50 0.00	21.73 1.50 0.00	25.16 1.71 0.00	44.93 3.07 0.00	73.61 5.08 0.00	42.03 2.13 -9.67	39.34 1.61 -15.41	38.83 2.09 -8.25	39.09 2.33 -0.28	40.15 2.40 -0.24	39.69 2.38 -0.93	38.87 2.14 -4.93	39.17 1.94 -7.69	62.13 1.00 -45.92	37.33 0.88 -22.09
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.04 1.49 0.00	20.63 1.35 0.00	19.73 1.24 0.00	18.59 1.18 0.00	18.83 1.14 0.00	20.26 1.15 0.00	20.07 1.13 0.00	20.19 1.19 0.00	21.64 1.33 0.00	23.17 1.49 0.00	21.71 1.48 0.00	25.14 1.69 0.00	44.89 3.03 0.00	73.54 5.00 0.00	42.00 2.10 -9.67	39.31 1.59 -15.41	38.80 2.05 -8.25	39.06 2.30 -0.28	40.11 2.36 -0.24	39.65 2.34 -0.93	38.83 2.11 -4.93	39.14 1.91 -7.69	62.11 0.98 -45.92	37.32 0.87 -22.09
FARRAGUT___LBMP 323566	24.02 1.48 0.00	20.61 1.34 0.00	19.72 1.23 0.00	18.57 1.16 0.00	18.82 1.13 0.00	20.25 1.14 0.00	20.06 1.11 0.00	20.17 1.17 0.00	21.62 1.31 0.00	23.15 1.47 0.00	21.69 1.46 0.00	25.11 1.67 0.00	44.85 2.99 0.00	73.49 4.95 0.00	41.97 2.07 -9.67	39.29 1.57 -15.41	38.77 2.03 -8.25	39.02 2.26 -0.28	40.09 2.33 -0.24	39.62 2.31 -0.93	38.80 2.08 -4.93	39.11 1.88 -7.69	62.09 0.97 -45.92	37.31 0.86 -22.09
FENNER___WINDPWR 24204	24.39 0.32 -1.53	20.17 0.21 -0.68	21.06 0.18 -2.39	21.84 0.18 -4.26	20.47 0.18 -2.61	19.32 0.22 0.00	19.16 0.22 0.00	19.24 0.20 -0.04	22.99 0.21 -2.46	28.82 0.20 -6.94	24.48 0.14 -4.10	23.75 0.24 -0.06	50.19 0.63 -7.71	95.22 1.18 -25.50	32.65 0.53 -1.89	23.15 0.40 -0.44	28.99 0.50 0.00	37.26 0.73 -0.06	38.47 0.72 -0.24	37.15 0.77 0.00	34.32 0.72 -1.82	31.81 0.65 -1.62	15.78 0.26 -0.31	18.52 0.21 -3.95
FIBERTEK___ENERGY 23856	22.44 -0.09 0.00	19.19 -0.09 0.00	18.39 -0.10 0.00	17.31 -0.10 0.00	17.59 -0.10 0.00	19.04 -0.07 0.00	18.87 -0.08 0.00	18.94 -0.06 0.00	20.25 -0.06 0.00	21.60 -0.07 0.00	20.14 -0.10 0.00	23.37 -0.08 0.00	41.82 -0.04 0.00	68.47 -0.07 0.00	30.13 -0.10 0.00	22.25 -0.07 0.00	28.47 -0.03 0.00	36.48 0.00 0.00	37.47 -0.04 0.00	36.38 0.00 0.00	31.78 -0.01 0.00	29.48 -0.06 0.00	15.16 -0.04 0.00	14.35 -0.01 0.00
FITZPATRICK____ 23598	21.96 -0.59 0.00	18.78 -0.50 0.00	18.01 -0.49 0.00	16.95 -0.46 0.00	17.22 -0.46 0.00	18.64 -0.47 0.00	18.47 -0.47 0.00	18.52 -0.48 0.00	19.79 -0.52 0.00	21.11 -0.57 0.00	19.68 -0.55 0.00	22.80 -0.65 0.00	40.74 -1.12 0.00	66.68 -1.86 0.00	29.34 -0.88 0.00	21.67 -0.64 0.00	27.70 -0.80 0.00	35.47 -1.01 0.00	36.44 -1.07 0.00	35.36 -1.02 0.00	30.90 -0.90 0.00	28.69 -0.85 0.00	14.77 -0.43 0.00	14.00 -0.35 0.00
FLOWRFLD_69_KV_BK1 356044	58.49 2.46 -33.49	25.22 2.16 -3.78	20.53 2.02 -0.02	19.34 1.92 -0.02	19.60 1.92 0.00	21.05 1.93 -0.01	20.63 1.68 0.00	20.53 1.53 0.00	22.06 1.75 0.00	23.60 1.93 0.00	27.81 2.10 -5.48	30.77 2.42 -4.91	45.95 4.10 0.00	76.49 6.46 -1.49	42.82 3.01 -9.58	39.85 2.27 -15.27	178.65 3.05 -147.10	98.57 3.33 -58.75	57.28 3.53 -16.23	40.80 3.48 -0.94	39.77 3.09 -4.89	39.91 2.75 -7.61	62.22 1.37 -45.65	37.46 1.14 -21.97
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.98 1.44 0.00	20.56 1.28 0.00	19.68 1.19 0.00	18.53 1.12 0.00	18.78 1.10 0.00	20.23 1.13 0.00	20.04 1.09 0.00	20.14 1.14 0.00	21.60 1.28 0.00	23.09 1.42 0.00	21.63 1.39 0.00	25.10 1.65 0.00	44.82 2.96 0.00	73.42 4.88 0.00	32.36 2.13 0.00	23.92 1.61 0.00	30.59 2.09 0.00	38.92 2.44 0.00	40.01 2.50 0.00	38.79 2.41 0.00	33.94 2.15 0.00	31.45 1.91 0.00	16.17 0.97 0.00	15.21 0.86 0.00
FORT ORANGE____ 23900	23.09 0.55 0.00	19.85 0.57 0.00	19.05 0.55 0.00	18.03 0.62 0.00	18.28 0.60 0.00	19.62 0.51 0.00	19.43 0.48 0.00	19.51 0.51 0.00	20.92 0.61 0.00	22.30 0.62 0.00	20.80 0.57 0.00	24.08 0.63 0.00	43.01 1.15 0.00	70.54 2.00 0.00	31.05 0.82 0.00	22.91 0.60 0.00	29.42 0.93 0.00	37.53 1.05 0.00	38.60 1.08 0.00	37.42 1.04 0.00	32.74 0.94 0.00	30.36 0.81 0.00	15.62 0.42 0.00	14.73 0.38 0.00
FORT_DRUM_COGEN 23780	23.06 0.52 0.00	19.11 -0.17 0.00	18.27 -0.22 0.00	17.34 -0.07 0.00	17.43 -0.25 0.00	18.76 -0.35 0.00	18.68 -0.27 0.00	18.60 -0.39 0.00	19.83 -0.49 0.00	20.15 -0.67 0.85	14.10 -0.71 5.42	22.88 -0.57 0.00	41.69 -0.16 0.00	68.70 -0.36 -0.53	32.11 -0.07 -1.95	22.11 -0.21 0.00	28.11 -0.39 0.00	36.39 -0.08 0.00	38.00 0.49 0.00	37.19 0.81 0.00	32.33 0.53 0.00	30.26 0.72 0.00	15.15 -0.05 0.00	14.11 -0.24 0.00
FOX_HILLS___ESR 323835	24.07 1.53 0.00	20.64 1.37 0.00	19.73 1.23 0.00	18.57 1.16 0.00	18.81 1.13 0.00	20.24 1.13 0.00	20.07 1.13 0.00	20.16 1.16 0.00	21.63 1.32 0.00	23.15 1.47 0.00	21.70 1.46 0.00	25.14 1.69 0.00	44.84 2.98 0.00	73.52 4.99 0.00	42.04 2.15 -9.67	39.34 1.62 -15.41	38.83 2.09 -8.24	39.13 2.36 -0.28	40.18 2.43 -0.24	39.72 2.41 -0.93	38.89 2.17 -4.93	39.20 1.96 -7.69	62.13 1.02 -45.91	37.34 0.89 -22.09
FPL FAR_ROCK_GT1 24212	48.83 2.13 -24.16	24.93 1.88 -3.78	20.22 1.73 0.00	19.04 1.64 0.00	19.31 1.62 0.00	20.76 1.65 0.00	20.46 1.52 0.00	20.49 1.50 0.00	22.02 1.70 0.00	23.56 1.88 0.00	27.72 2.00 -5.48	30.65 2.30 -4.91	45.95 4.07 -0.02	77.05 6.41 -2.10	42.19 2.39 -9.57	39.35 1.78 -15.26	39.12 2.46 -8.17	39.80 3.05 -0.28	41.11 3.36 -0.24	40.59 3.29 -0.93	39.59 2.92 -4.88	39.78 2.62 -7.61	62.17 1.31 -45.65	37.45 1.13 -21.97

FPL FAR_ROCK_GT2 23815	48.83 2.13 -24.16	24.93 1.88 -3.78	20.22 1.73 0.00	19.04 1.64 0.00	19.31 1.62 0.00	20.76 1.65 0.00	20.46 1.52 0.00	20.49 1.50 0.00	22.02 1.70 0.00	23.56 1.88 0.00	27.72 2.00 -5.48	30.65 2.30 -4.91	45.95 4.07 -0.02	77.05 6.41 -2.10	42.19 2.39 -9.57	39.35 1.78 -15.26	39.12 2.46 -8.17	39.80 3.05 -0.28	41.11 3.36 -0.24	40.59 3.29 -0.93	39.59 2.92 -4.88	39.78 2.62 -7.61	62.17 1.31 -45.65	37.45 1.13 -21.97
FRANKLIN_FALL_HYD 24054	22.53 -0.02 0.00	19.16 -0.11 0.00	18.34 -0.15 0.00	17.22 -0.19 0.00	17.46 -0.23 0.00	18.87 -0.23 0.00	18.64 -0.30 0.00	18.65 -0.34 0.00	19.84 -0.48 0.00	17.25 -0.42 4.01	-5.72 -0.45 25.50	22.92 -0.53 0.00	40.68 -1.17 0.00	101.98 -1.96 -35.40	61.31 -0.67 -31.75	21.95 -0.37 0.00	28.05 -0.45 0.00	36.26 -0.22 0.00	37.45 -0.06 0.00	36.48 0.09 0.00	31.68 -0.11 0.00	29.52 -0.02 0.00	15.16 -0.05 0.00	14.19 -0.17 0.00
FREEPORT_EQUS_GT1 23764	48.75 2.04 -24.16	24.85 1.80 -3.78	20.15 1.66 0.00	18.98 1.57 0.00	19.24 1.56 0.00	20.67 1.57 0.00	20.37 1.43 0.00	20.38 1.39 0.00	21.89 1.58 0.00	23.42 1.74 0.00	27.59 1.87 -5.48	30.51 2.16 -4.91	45.64 3.77 -0.01	76.18 5.93 -1.71	42.40 2.60 -9.57	39.59 2.02 -15.26	39.27 2.60 -8.17	39.67 2.91 -0.28	40.82 3.07 -0.24	40.33 3.03 -0.93	39.39 2.72 -4.88	39.60 2.45 -7.61	62.09 1.23 -45.65	37.36 1.04 -21.97
FREEPORT___CT2 23818	48.75 2.04 -24.16	24.85 1.80 -3.78	20.15 1.66 0.00	18.98 1.57 0.00	19.24 1.56 0.00	20.67 1.57 0.00	20.37 1.43 0.00	20.38 1.39 0.00	21.89 1.58 0.00	23.42 1.74 0.00	27.59 1.87 -5.48	30.51 2.16 -4.91	45.64 3.77 -0.01	76.18 5.93 -1.71	42.40 2.60 -9.57	39.59 2.02 -15.26	39.27 2.60 -8.17	39.67 2.91 -0.28	40.82 3.07 -0.24	40.33 3.03 -0.93	39.39 2.72 -4.88	39.60 2.45 -7.61	62.09 1.23 -45.65	37.36 1.04 -21.97
FRESHKLS_33_KV_LOAD 356253	24.06 1.52 0.00	20.63 1.36 0.00	19.72 1.23 0.00	18.57 1.16 0.00	18.81 1.12 0.00	20.23 1.12 0.00	20.06 1.12 0.00	20.14 1.14 0.00	21.61 1.30 0.00	23.13 1.45 0.00	21.67 1.43 0.00	25.11 1.66 0.00	44.76 2.91 0.00	73.44 4.90 0.00	42.02 2.13 -9.67	39.32 1.60 -15.41	38.80 2.06 -8.24	39.09 2.33 -0.28	40.16 2.41 -0.24	39.70 2.39 -0.93	38.86 2.14 -4.93	39.18 1.95 -7.69	62.12 1.01 -45.91	37.33 0.89 -22.09
FULTON COGEN____ 23766	22.20 -0.34 0.00	18.97 -0.31 0.00	18.18 -0.31 0.00	17.12 -0.29 0.00	17.39 -0.29 0.00	18.81 -0.29 0.00	18.66 -0.29 0.00	18.72 -0.27 0.00	20.03 -0.28 0.00	21.37 -0.31 0.00	19.93 -0.30 0.00	23.11 -0.34 0.00	41.34 -0.51 0.00	67.70 -0.84 0.00	29.77 -0.46 0.00	21.99 -0.33 0.00	28.12 -0.38 0.00	36.01 -0.47 0.00	37.00 -0.52 0.00	35.92 -0.46 0.00	31.38 -0.41 0.00	29.14 -0.40 0.00	14.98 -0.22 0.00	14.19 -0.17 0.00
FULTON___LFGE 323630	25.23 2.69 0.00	21.40 2.12 0.00	20.41 1.92 0.00	19.13 1.72 0.00	19.43 1.75 0.00	21.05 1.95 0.00	20.90 1.96 0.00	20.85 1.85 0.00	22.30 1.99 0.00	23.69 2.01 0.00	21.63 1.40 0.00	24.97 1.52 0.00	44.24 2.38 0.00	73.64 5.11 0.00	33.50 3.27 0.00	25.16 2.84 0.00	32.32 3.82 0.00	41.51 5.03 0.00	42.66 5.15 0.00	41.42 5.04 0.00	36.21 4.42 0.00	33.67 4.13 0.00	17.20 1.99 0.00	16.15 1.80 0.00
G.F.CEMENT___DRP 24184	24.18 1.63 0.00	20.75 1.47 0.00	19.89 1.40 0.00	18.76 1.36 0.00	19.05 1.37 0.00	20.57 1.46 0.00	20.38 1.43 0.00	20.47 1.47 0.00	21.99 1.68 0.00	23.49 1.81 0.00	21.78 1.54 0.00	25.24 1.79 0.00	44.95 3.10 0.00	73.28 4.74 0.00	32.39 2.16 0.00	23.94 1.63 0.00	30.91 2.41 0.00	39.53 3.05 0.00	40.88 3.36 0.00	39.67 3.29 0.00	34.69 2.90 0.00	32.09 2.55 0.00	16.47 1.27 0.00	15.49 1.14 0.00
GARDENVILLE___LBMP 24039	18.55 -0.77 3.23	17.14 -0.70 1.44	12.81 -0.65 5.03	7.77 -0.67 8.97	11.58 -0.61 5.49	18.69 -0.41 0.00	18.54 -0.41 0.00	18.47 -0.45 0.07	14.64 -0.52 5.15	6.41 -0.69 14.57	10.80 -0.83 8.60	22.33 -1.00 0.13	24.08 -1.59 16.18	12.14 -2.37 54.03	25.08 -1.18 3.97	20.58 -0.82 0.91	27.49 -1.01 0.00	35.13 -1.22 0.12	35.28 -1.72 0.51	34.71 -1.67 0.00	26.28 -1.51 4.00	19.73 -1.32 8.49	13.92 -0.63 0.66	5.64 -0.43 8.29
GARDNVLA_35_KV_LD 355827	18.65 -0.67 3.22	17.23 -0.61 1.44	12.89 -0.58 5.02	7.85 -0.61 8.95	11.66 -0.55 5.48	18.77 -0.33 0.00	18.61 -0.33 0.00	18.56 -0.36 0.07	14.74 -0.43 5.14	6.55 -0.60 14.52	10.92 -0.74 8.58	22.45 -0.87 0.13	24.32 -1.39 16.14	12.68 -2.05 53.81	25.25 -1.03 3.96	20.70 -0.71 0.91	27.62 -0.88 0.00	35.35 -1.00 0.12	35.49 -1.52 0.51	34.90 -1.48 0.00	26.48 -1.37 3.95	20.83 -1.19 7.52	13.99 -0.55 0.66	5.71 -0.38 8.27
GELCKHM___115KV_LOAD 80723	22.32 -0.22 0.00	19.08 -0.19 0.00	18.29 -0.20 0.00	17.22 -0.19 0.00	17.50 -0.19 0.00	18.93 -0.17 0.00	18.77 -0.18 0.00	18.83 -0.17 0.00	20.14 -0.18 0.00	21.48 -0.20 0.00	20.03 -0.21 0.00	23.23 -0.22 0.00	41.55 -0.31 0.00	68.04 -0.49 0.00	29.93 -0.30 0.00	22.11 -0.21 0.00	28.28 -0.21 0.00	36.22 -0.26 0.00	37.21 -0.31 0.00	36.13 -0.26 0.00	31.56 -0.23 0.00	29.27 -0.27 0.00	15.06 -0.14 0.00	14.26 -0.10 0.00
GENERAL___MILLS 23808	18.62 -0.70 3.22	17.20 -0.64 1.44	12.87 -0.60 5.02	7.82 -0.63 8.95	11.64 -0.57 5.48	18.75 -0.36 0.00	18.59 -0.36 0.00	18.53 -0.39 0.07	14.71 -0.46 5.14	6.51 -0.63 14.54	10.88 -0.77 8.58	22.40 -0.92 0.13	24.24 -1.47 16.15	12.51 -2.17 53.86	25.18 -1.09 3.96	20.65 -0.76 0.91	27.56 -0.94 0.00	35.25 -1.10 0.12	35.41 -1.60 0.51	34.83 -1.55 0.00	26.41 -1.42 3.96	20.52 -1.24 7.78	13.96 -0.58 0.66	5.68 -0.40 8.28
GE_PLASTICS___DRP 24183	23.02 0.48 0.00	19.78 0.51 0.00	18.97 0.48 0.00	17.93 0.52 0.00	18.19 0.51 0.00	19.56 0.46 0.00	19.37 0.43 0.00	19.45 0.45 0.00	20.84 0.52 0.00	22.21 0.54 0.00	20.75 0.51 0.00	24.03 0.58 0.00	42.89 1.03 0.00	70.24 1.70 0.00	30.94 0.71 0.00	22.84 0.53 0.00	29.27 0.77 0.00	37.33 0.85 0.00	38.40 0.89 0.00	37.22 0.84 0.00	32.58 0.78 0.00	30.22 0.68 0.00	15.56 0.36 0.00	14.68 0.33 0.00
GILBOA___1 23756	23.10 0.56 0.00	19.81 0.53 0.00	19.00 0.50 0.00	17.90 0.49 0.00	18.17 0.48 0.00	19.58 0.48 0.00	19.39 0.45 0.00	19.46 0.46 0.00	20.84 0.52 0.00	22.25 0.57 0.00	20.79 0.56 0.00	24.09 0.64 0.00	43.00 1.14 0.00	70.43 1.90 0.00	31.02 0.79 0.00	22.91 0.60 0.00	29.32 0.83 0.00	37.36 0.88 0.00	38.42 0.91 0.00	37.27 0.89 0.00	32.60 0.80 0.00	30.29 0.74 0.00	15.59 0.39 0.00	14.72 0.37 0.00
GILBOA___2 23757	23.10 0.56 0.00	19.81 0.53 0.00	19.00 0.50 0.00	17.90 0.49 0.00	18.17 0.48 0.00	19.58 0.48 0.00	19.39 0.45 0.00	19.46 0.46 0.00	20.84 0.52 0.00	22.25 0.57 0.00	20.79 0.56 0.00	24.09 0.64 0.00	43.00 1.14 0.00	70.43 1.90 0.00	31.02 0.79 0.00	22.91 0.60 0.00	29.32 0.83 0.00	37.36 0.88 0.00	38.42 0.91 0.00	37.27 0.89 0.00	32.60 0.80 0.00	30.29 0.74 0.00	15.59 0.39 0.00	14.72 0.37 0.00

GILBOA___3 23758	23.10 0.56 0.00	19.81 0.53 0.00	19.00 0.50 0.00	17.90 0.49 0.00	18.17 0.48 0.00	19.58 0.48 0.00	19.39 0.45 0.00	19.46 0.46 0.00	20.84 0.52 0.00	22.25 0.57 0.00	20.79 0.56 0.00	24.09 0.64 0.00	43.00 1.14 0.00	70.43 1.90 0.00	31.02 0.79 0.00	22.91 0.60 0.00	29.32 0.83 0.00	37.36 0.88 0.00	38.42 0.91 0.00	37.27 0.89 0.00	32.60 0.80 0.00	30.29 0.74 0.00	15.59 0.39 0.00	14.72 0.37 0.00
GILBOA___4 23759	23.10 0.56 0.00	19.81 0.53 0.00	19.00 0.50 0.00	17.90 0.49 0.00	18.17 0.48 0.00	19.58 0.48 0.00	19.39 0.45 0.00	19.46 0.46 0.00	20.84 0.52 0.00	22.25 0.57 0.00	20.79 0.56 0.00	24.09 0.64 0.00	43.00 1.14 0.00	70.43 1.90 0.00	31.02 0.79 0.00	22.91 0.60 0.00	29.32 0.83 0.00	37.36 0.88 0.00	38.42 0.91 0.00	37.27 0.89 0.00	32.60 0.80 0.00	30.29 0.74 0.00	15.59 0.39 0.00	14.72 0.37 0.00
GILBOA___ 23599	23.09 0.55 0.00	19.81 0.53 0.00	18.99 0.50 0.00	17.90 0.49 0.00	18.17 0.48 0.00	19.58 0.48 0.00	19.39 0.45 0.00	19.46 0.46 0.00	20.84 0.52 0.00	22.25 0.57 0.00	20.79 0.55 0.00	24.09 0.64 0.00	43.00 1.15 0.00	70.43 1.90 0.00	31.02 0.79 0.00	22.91 0.60 0.00	29.32 0.83 0.00	37.36 0.88 0.00	38.42 0.91 0.00	37.27 0.89 0.00	32.59 0.80 0.00	30.29 0.74 0.00	15.59 0.39 0.00	14.72 0.37 0.00
GINNA___ 23603	19.67 -1.34 1.53	17.43 -1.17 0.68	14.97 -1.14 2.39	12.04 -1.10 4.27	14.00 -1.07 2.61	18.10 -1.00 0.00	17.94 -1.01 0.00	17.93 -1.03 0.04	16.77 -1.09 2.45	13.53 -1.22 6.93	14.96 -1.20 4.09	22.02 -1.37 0.06	31.81 -2.36 7.68	39.33 -3.79 25.42	26.60 -1.74 1.88	20.55 -1.33 0.43	26.91 -1.58 0.00	34.51 -1.91 0.06	35.18 -2.09 0.24	34.35 -2.03 0.00	28.13 -1.86 1.81	26.14 -1.79 1.61	13.98 -0.91 0.31	9.62 -0.80 3.94
GLEN PARK___ 23778	23.16 0.61 0.00	19.20 -0.08 0.00	18.36 -0.13 0.00	17.41 0.00 0.00	17.52 -0.16 0.00	18.86 -0.24 0.00	18.78 -0.16 0.00	18.70 -0.30 0.00	19.91 -0.40 0.00	20.25 -0.62 0.81	14.45 -0.65 5.13	23.01 -0.44 0.00	42.02 0.16 0.00	69.15 0.10 -0.51	32.22 0.14 -1.85	22.21 -0.10 0.00	28.25 -0.25 0.00	36.65 0.17 0.00	38.26 0.74 0.00	37.40 1.02 0.00	32.53 0.74 0.00	30.43 0.89 0.00	15.24 0.04 0.00	14.19 -0.16 0.00
GLENDALE_27_KV_LOAD 356172	24.17 1.63 0.00	20.73 1.46 0.00	19.82 1.33 0.00	18.67 1.26 0.00	18.91 1.22 0.00	20.35 1.24 0.00	20.18 1.23 0.00	20.28 1.28 0.00	21.75 1.44 0.00	23.28 1.60 0.00	21.81 1.58 0.00	25.27 1.83 0.00	45.11 3.26 0.00	73.91 5.37 0.00	42.18 2.28 -9.67	39.46 1.74 -15.41	38.97 2.23 -8.24	39.28 2.52 -0.28	40.34 2.59 -0.24	39.87 2.56 -0.93	39.02 2.30 -4.93	39.31 2.08 -7.69	62.19 1.08 -45.91	37.39 0.95 -22.09
GLENWOOD_IC_1_G5 23712	48.48 1.77 -24.16	24.63 1.58 -3.78	19.94 1.45 0.00	18.78 1.37 0.00	19.04 1.35 0.00	20.48 1.37 0.00	20.23 1.28 0.00	20.29 1.29 0.00	21.78 1.46 0.00	23.29 1.61 0.00	27.42 1.70 -5.48	30.34 1.98 -4.91	45.37 3.51 0.00	75.81 5.65 -1.63	42.27 2.46 -9.57	39.43 1.86 -15.26	39.06 2.40 -8.16	39.47 2.71 -0.28	40.57 2.82 -0.24	40.07 2.77 -0.93	39.14 2.47 -4.88	39.38 2.22 -7.61	61.96 1.10 -45.65	37.28 0.95 -21.97
GLENWOOD_IC_2_G1 23688	48.33 1.62 -24.16	24.51 1.45 -3.78	19.84 1.34 0.00	18.68 1.27 0.00	18.93 1.25 0.00	20.37 1.26 0.00	20.13 1.18 0.00	20.20 1.21 0.00	21.68 1.36 0.00	23.19 1.52 0.00	27.30 1.58 -5.48	30.16 1.81 -4.91	45.07 3.22 0.00	75.34 5.26 -1.54	42.04 2.24 -9.57	39.26 1.69 -15.26	38.87 2.20 -8.17	39.24 2.48 -0.28	40.34 2.59 -0.24	39.84 2.54 -0.93	38.94 2.27 -4.88	39.20 2.04 -7.61	61.87 1.02 -45.65	37.22 0.90 -21.97
GLENWOOD_IC_3_G1 23689	48.33 1.62 -24.16	24.51 1.45 -3.78	19.84 1.34 0.00	18.68 1.27 0.00	18.93 1.25 0.00	20.37 1.26 0.00	20.13 1.18 0.00	20.20 1.21 0.00	21.68 1.36 0.00	23.19 1.52 0.00	27.30 1.58 -5.48	30.16 1.81 -4.91	45.07 3.22 0.00	75.34 5.26 -1.54	42.04 2.24 -9.57	39.26 1.69 -15.26	38.87 2.20 -8.17	39.24 2.48 -0.28	40.34 2.59 -0.24	39.84 2.54 -0.93	38.94 2.27 -4.88	39.20 2.04 -7.61	61.87 1.02 -45.65	37.22 0.90 -21.97
GLENWOOD___4 23550	48.48 1.77 -24.16	24.63 1.58 -3.78	19.94 1.45 0.00	18.78 1.37 0.00	19.04 1.35 0.00	20.48 1.37 0.00	20.23 1.28 0.00	20.29 1.29 0.00	21.78 1.46 0.00	23.29 1.61 0.00	27.42 1.70 -5.48	30.34 1.98 -4.91	45.37 3.51 0.00	75.81 5.65 -1.63	42.27 2.46 -9.57	39.43 1.86 -15.26	39.06 2.40 -8.16	39.47 2.71 -0.28	40.57 2.82 -0.24	40.07 2.77 -0.93	39.14 2.47 -4.88	39.38 2.22 -7.61	61.96 1.10 -45.65	37.28 0.95 -21.97
GLENWOOD___5 23614	48.48 1.77 -24.16	24.63 1.58 -3.78	19.94 1.45 0.00	18.78 1.37 0.00	19.04 1.35 0.00	20.48 1.37 0.00	20.23 1.28 0.00	20.29 1.29 0.00	21.78 1.46 0.00	23.29 1.61 0.00	27.42 1.70 -5.48	30.34 1.98 -4.91	45.37 3.51 0.00	75.81 5.65 -1.63	42.27 2.46 -9.57	39.43 1.86 -15.26	39.06 2.40 -8.16	39.47 2.71 -0.28	40.57 2.82 -0.24	40.07 2.77 -0.93	39.14 2.47 -4.88	39.38 2.22 -7.61	61.96 1.10 -45.65	37.28 0.95 -21.97
GLOBAL GREEN_PORT_GT1 23814	55.33 3.10 -29.68	25.72 2.66 -3.78	21.00 2.50 -0.01	19.81 2.39 -0.01	20.00 2.31 0.00	21.51 2.40 0.00	21.04 2.10 0.00	20.83 1.84 0.00	22.49 2.18 0.00	24.06 2.38 0.00	28.02 2.30 -5.48	31.04 2.69 -4.91	46.15 4.30 0.00	76.77 6.74 -1.49	42.83 3.03 -9.57	39.89 2.31 -15.26	139.33 3.12 -107.71	74.87 3.52 -34.87	50.93 3.71 -9.70	40.95 3.63 -0.93	39.86 3.18 -4.89	39.88 2.72 -7.61	62.20 1.34 -45.65	37.38 1.06 -21.97
GLOBE___DSASP 323697	18.54 -1.25 2.75	16.94 -1.11 1.23	13.23 -0.97 4.28	8.79 -0.98 7.64	12.05 -0.95 4.68	18.33 -0.77 0.00	18.17 -0.77 0.00	18.10 -0.84 0.06	15.02 -0.90 4.39	8.14 -1.13 12.41	11.68 -1.23 7.32	21.85 -1.50 0.11	25.56 -2.51 13.78	18.76 -3.85 45.93	24.88 -1.97 3.38	20.09 -1.44 0.78	26.59 -1.91 0.00	33.81 -2.56 0.11	34.05 -3.04 0.43	33.41 -2.97 0.00	25.88 -2.55 3.37	21.13 -2.16 6.25	13.56 -1.09 0.56	6.57 -0.72 7.06
GOETHSLN___LBMP 323567	23.94 1.40 0.00	20.53 1.26 0.00	19.64 1.15 0.00	18.49 1.09 0.00	18.74 1.05 0.00	20.17 1.07 0.00	19.98 1.04 0.00	20.09 1.09 0.00	21.54 1.23 0.00	23.06 1.39 0.00	21.61 1.38 0.00	24.99 1.55 0.00	44.66 2.80 0.00	73.22 4.68 0.00	41.85 1.95 -9.67	39.20 1.47 -15.41	38.65 1.91 -8.25	38.86 2.10 -0.28	39.92 2.17 -0.24	39.45 2.13 -0.93	38.65 1.93 -4.93	38.97 1.74 -7.69	62.03 0.91 -45.92	37.25 0.80 -22.09
GOLAH___69_KV_TB 1_2 80279	20.46 -0.30 1.78	18.20 -0.28 0.80	15.46 -0.25 2.78	12.16 -0.29 4.96	14.40 -0.24 3.04	19.04 -0.07 0.00	18.86 -0.08 0.00	18.83 -0.13 0.04	17.33 -0.13 2.85	13.42 -0.20 8.06	15.20 -0.28 4.75	23.05 -0.33 0.07	32.35 -0.57 8.94	38.17 -0.78 29.59	27.57 -0.47 2.19	21.45 -0.36 0.51	28.09 -0.41 0.00	36.03 -0.38 0.07	36.63 -0.60 0.28	35.87 -0.51 0.00	29.17 -0.51 2.11	27.16 -0.50 1.88	14.61 -0.23 0.36	9.66 -0.11 4.58

GOODYEAR_LAKE_HYD 323669	23.72 0.66 -0.52	20.04 0.54 -0.23	19.78 0.49 -0.81	19.26 0.42 -1.42	18.97 0.42 -0.86	19.57 0.47 0.00	19.41 0.47 0.00	19.49 0.48 -0.01	21.68 0.53 -0.83	24.62 0.59 -2.35	22.15 0.54 -1.38	24.10 0.63 -0.02	45.70 1.23 -2.61	79.33 2.16 -8.63	31.85 0.98 -0.64	23.26 0.80 -0.15	29.55 1.05 0.00	37.83 1.33 -0.02	38.94 1.35 -0.08	37.72 1.34 0.00	33.60 1.19 -0.61	31.16 1.07 -0.55	15.83 0.52 -0.11	16.17 0.48 -1.34
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.45 -0.09 0.00	19.21 -0.06 0.00	18.40 -0.09 0.00	17.33 -0.08 0.00	17.61 -0.08 0.00	19.05 -0.06 0.00	18.88 -0.07 0.00	18.97 -0.03 0.00	20.23 -0.08 0.00	21.57 -0.11 0.00	20.08 -0.15 0.00	23.32 -0.13 0.00	41.76 -0.10 0.00	68.45 -0.08 0.00	30.16 -0.07 0.00	22.31 -0.01 0.00	28.55 0.06 0.00	36.60 0.12 0.00	37.55 0.03 0.00	36.50 0.12 0.00	31.86 0.07 0.00	29.60 0.05 0.00	15.23 0.03 0.00	14.37 0.01 0.00
GOUDEY___7 23579	22.46 -0.08 0.00	19.23 -0.05 0.00	18.42 -0.07 0.00	17.34 -0.07 0.00	17.62 -0.06 0.00	19.06 -0.05 0.00	18.89 -0.06 0.00	18.98 -0.02 0.00	20.25 -0.06 0.00	21.59 -0.09 0.00	20.10 -0.13 0.00	23.34 -0.11 0.00	41.80 -0.06 0.00	68.52 -0.01 0.00	30.19 -0.04 0.00	22.33 0.01 0.00	28.58 0.09 0.00	36.64 0.16 0.00	37.58 0.07 0.00	36.53 0.15 0.00	31.89 0.09 0.00	29.62 0.08 0.00	15.24 0.04 0.00	14.38 0.02 0.00
GOUDEY___8 23580	22.45 -0.09 0.00	19.21 -0.06 0.00	18.40 -0.09 0.00	17.33 -0.08 0.00	17.61 -0.08 0.00	19.05 -0.06 0.00	18.88 -0.07 0.00	18.97 -0.03 0.00	20.23 -0.08 0.00	21.57 -0.11 0.00	20.08 -0.15 0.00	23.32 -0.13 0.00	41.76 -0.10 0.00	68.45 -0.08 0.00	30.16 -0.07 0.00	22.31 -0.01 0.00	28.55 0.06 0.00	36.60 0.12 0.00	37.55 0.03 0.00	36.50 0.12 0.00	31.86 0.07 0.00	29.60 0.05 0.00	15.23 0.03 0.00	14.37 0.01 0.00
GOWANUS_GT1_1 24077	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.75 1.52 0.00	25.20 1.76 0.00	44.96 3.10 0.00	73.71 5.18 0.00	42.12 2.22 -9.67	39.40 1.68 -15.41	38.90 2.16 -8.24	39.22 2.46 -0.28	40.28 2.52 -0.24	39.81 2.50 -0.93	38.96 2.24 -4.93	39.26 2.03 -7.69	62.17 1.05 -45.91	37.37 0.92 -22.09
GOWANUS_GT1_2 24078	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.75 1.52 0.00	25.20 1.76 0.00	44.96 3.10 0.00	73.71 5.18 0.00	42.12 2.22 -9.67	39.40 1.68 -15.41	38.90 2.16 -8.24	39.22 2.46 -0.28	40.28 2.52 -0.24	39.81 2.50 -0.93	38.96 2.24 -4.93	39.26 2.03 -7.69	62.17 1.05 -45.91	37.37 0.92 -22.09
GOWANUS_GT1_3 24079	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.75 1.52 0.00	25.20 1.76 0.00	44.96 3.10 0.00	73.71 5.18 0.00	42.12 2.22 -9.67	39.40 1.68 -15.41	38.90 2.16 -8.24	39.22 2.46 -0.28	40.28 2.52 -0.24	39.81 2.50 -0.93	38.96 2.24 -4.93	39.26 2.03 -7.69	62.17 1.05 -45.91	37.37 0.92 -22.09
GOWANUS_GT1_4 24080	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.75 1.52 0.00	25.20 1.76 0.00	44.96 3.10 0.00	73.71 5.18 0.00	42.12 2.22 -9.67	39.40 1.68 -15.41	38.90 2.16 -8.24	39.22 2.46 -0.28	40.28 2.52 -0.24	39.81 2.50 -0.93	38.96 2.24 -4.93	39.26 2.03 -7.69	62.17 1.05 -45.91	37.37 0.92 -22.09
GOWANUS_GT1_5 24084	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.75 1.52 0.00	25.20 1.76 0.00	44.96 3.10 0.00	73.71 5.18 0.00	42.12 2.22 -9.67	39.40 1.68 -15.41	38.90 2.16 -8.24	39.22 2.46 -0.28	40.28 2.52 -0.24	39.81 2.50 -0.93	38.96 2.24 -4.93	39.26 2.03 -7.69	62.17 1.05 -45.91	37.37 0.92 -22.09
GOWANUS_GT1_6 24111	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.75 1.52 0.00	25.20 1.76 0.00	44.96 3.10 0.00	73.71 5.18 0.00	42.12 2.22 -9.67	39.40 1.68 -15.41	38.90 2.16 -8.24	39.22 2.46 -0.28	40.28 2.52 -0.24	39.81 2.50 -0.93	38.96 2.24 -4.93	39.26 2.03 -7.69	62.17 1.05 -45.91	37.37 0.92 -22.09
GOWANUS_GT1_7 24112	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.75 1.52 0.00	25.20 1.76 0.00	44.96 3.10 0.00	73.71 5.18 0.00	42.12 2.22 -9.67	39.40 1.68 -15.41	38.90 2.16 -8.24	39.22 2.46 -0.28	40.28 2.52 -0.24	39.81 2.50 -0.93	38.96 2.24 -4.93	39.26 2.03 -7.69	62.17 1.05 -45.91	37.37 0.92 -22.09
GOWANUS_GT1_8 24113	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.75 1.52 0.00	25.20 1.76 0.00	44.96 3.10 0.00	73.71 5.18 0.00	42.12 2.22 -9.67	39.40 1.68 -15.41	38.90 2.16 -8.24	39.22 2.46 -0.28	40.28 2.52 -0.24	39.81 2.50 -0.93	38.96 2.24 -4.93	39.26 2.03 -7.69	62.17 1.05 -45.91	37.37 0.92 -22.09
GOWANUS_GT2_1 24114	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.76 1.52 0.00	25.18 1.74 0.00	44.95 3.09 0.00	73.71 5.17 0.00	42.08 2.18 -9.67	39.39 1.66 -15.41	38.88 2.15 -8.24	39.19 2.43 -0.28	40.25 2.50 -0.24	39.78 2.47 -0.93	38.94 2.22 -4.93	39.24 2.01 -7.69	62.15 1.04 -45.91	37.36 0.92 -22.09
GOWANUS_GT2_2 24115	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.76 1.52 0.00	25.18 1.74 0.00	44.95 3.09 0.00	73.71 5.17 0.00	42.08 2.18 -9.67	39.39 1.66 -15.41	38.88 2.15 -8.24	39.19 2.43 -0.28	40.25 2.50 -0.24	39.78 2.47 -0.93	38.94 2.22 -4.93	39.24 2.01 -7.69	62.15 1.04 -45.91	37.36 0.92 -22.09
GOWANUS_GT2_3 24116	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.76 1.52 0.00	25.18 1.74 0.00	44.95 3.09 0.00	73.71 5.17 0.00	42.08 2.18 -9.67	39.39 1.66 -15.41	38.88 2.15 -8.24	39.19 2.43 -0.28	40.25 2.50 -0.24	39.78 2.47 -0.93	38.94 2.22 -4.93	39.24 2.01 -7.69	62.15 1.04 -45.91	37.36 0.92 -22.09

GOWANUS_GT2_4 24117	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.76 1.52 0.00	25.18 1.74 0.00	44.95 3.09 0.00	73.71 5.17 0.00	42.08 2.18 -9.67	39.39 1.66 -15.41	38.88 2.15 -8.24	39.19 2.43 -0.28	40.25 2.50 -0.24	39.78 2.47 -0.93	38.94 2.22 -4.93	39.24 2.01 -7.69	62.15 1.04 -45.91	37.36 0.92 -22.09
GOWANUS_GT2_5 24118	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.76 1.52 0.00	25.18 1.74 0.00	44.95 3.09 0.00	73.71 5.17 0.00	42.08 2.18 -9.67	39.39 1.66 -15.41	38.88 2.15 -8.24	39.19 2.43 -0.28	40.25 2.50 -0.24	39.78 2.47 -0.93	38.94 2.22 -4.93	39.24 2.01 -7.69	62.15 1.04 -45.91	37.36 0.92 -22.09
GOWANUS_GT2_6 24119	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.76 1.52 0.00	25.18 1.74 0.00	44.95 3.09 0.00	73.71 5.17 0.00	42.08 2.18 -9.67	39.39 1.66 -15.41	38.88 2.15 -8.24	39.19 2.43 -0.28	40.25 2.50 -0.24	39.78 2.47 -0.93	38.94 2.22 -4.93	39.24 2.01 -7.69	62.15 1.04 -45.91	37.36 0.92 -22.09
GOWANUS_GT2_7 24120	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.76 1.52 0.00	25.18 1.74 0.00	44.95 3.09 0.00	73.71 5.17 0.00	42.08 2.18 -9.67	39.39 1.66 -15.41	38.88 2.15 -8.24	39.19 2.43 -0.28	40.25 2.50 -0.24	39.78 2.47 -0.93	38.94 2.22 -4.93	39.24 2.01 -7.69	62.15 1.04 -45.91	37.36 0.92 -22.09
GOWANUS_GT2_8 24121	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.76 1.52 0.00	25.18 1.74 0.00	44.95 3.09 0.00	73.71 5.17 0.00	42.08 2.18 -9.67	39.39 1.66 -15.41	38.88 2.15 -8.24	39.19 2.43 -0.28	40.25 2.50 -0.24	39.78 2.47 -0.93	38.94 2.22 -4.93	39.24 2.01 -7.69	62.15 1.04 -45.91	37.36 0.92 -22.09
GOWANUS_GT3_1 24122	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
GOWANUS_GT3_2 24123	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
GOWANUS_GT3_3 24124	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
GOWANUS_GT3_4 24125	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
GOWANUS_GT3_5 24126	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
GOWANUS_GT3_6 24127	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
GOWANUS_GT3_7 24128	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
GOWANUS_GT3_8 24129	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
GOWANUS_GT4_1 24130	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.74 1.50 0.00	25.18 1.74 0.00	44.94 3.08 0.00	73.66 5.12 0.00	42.09 2.19 -9.67	39.39 1.66 -15.41	38.88 2.15 -8.24	39.19 2.43 -0.28	40.25 2.50 -0.24	39.78 2.47 -0.93	38.94 2.22 -4.93	39.24 2.01 -7.69	62.15 1.04 -45.91	37.36 0.91 -22.09
GOWANUS_GT4_2 24131	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.74 1.50 0.00	25.18 1.74 0.00	44.94 3.08 0.00	73.66 5.12 0.00	42.09 2.19 -9.67	39.39 1.66 -15.41	38.88 2.15 -8.24	39.19 2.43 -0.28	40.25 2.50 -0.24	39.78 2.47 -0.93	38.94 2.22 -4.93	39.24 2.01 -7.69	62.15 1.04 -45.91	37.36 0.91 -22.09

GOWANUS_GT4_3 24132	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.74 1.50 0.00	25.18 1.74 0.00	44.94 3.08 0.00	73.66 5.12 0.00	42.09 2.19 -9.67	39.39 1.66 -15.41	38.88 2.15 -8.24	39.19 2.43 -0.28	40.25 2.50 -0.24	39.78 2.47 -0.93	38.94 2.22 -4.93	39.24 2.01 -7.69	62.15 1.04 -45.91	37.36 0.91 -22.09
GOWANUS_GT4_4 24133	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.74 1.50 0.00	25.18 1.74 0.00	44.94 3.08 0.00	73.66 5.12 0.00	42.09 2.19 -9.67	39.39 1.66 -15.41	38.88 2.15 -8.24	39.19 2.43 -0.28	40.25 2.50 -0.24	39.78 2.47 -0.93	38.94 2.22 -4.93	39.24 2.01 -7.69	62.15 1.04 -45.91	37.36 0.91 -22.09
GOWANUS_GT4_5 24134	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.74 1.50 0.00	25.18 1.74 0.00	44.94 3.08 0.00	73.66 5.12 0.00	42.09 2.19 -9.67	39.39 1.66 -15.41	38.88 2.15 -8.24	39.19 2.43 -0.28	40.25 2.50 -0.24	39.78 2.47 -0.93	38.94 2.22 -4.93	39.24 2.01 -7.69	62.15 1.04 -45.91	37.36 0.91 -22.09
GOWANUS_GT4_6 24135	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.74 1.50 0.00	25.18 1.74 0.00	44.94 3.08 0.00	73.66 5.12 0.00	42.09 2.19 -9.67	39.39 1.66 -15.41	38.88 2.15 -8.24	39.19 2.43 -0.28	40.25 2.50 -0.24	39.78 2.47 -0.93	38.94 2.22 -4.93	39.24 2.01 -7.69	62.15 1.04 -45.91	37.36 0.91 -22.09
GOWANUS_GT4_7 24136	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.74 1.50 0.00	25.18 1.74 0.00	44.94 3.08 0.00	73.66 5.12 0.00	42.09 2.19 -9.67	39.39 1.66 -15.41	38.88 2.15 -8.24	39.19 2.43 -0.28	40.25 2.50 -0.24	39.78 2.47 -0.93	38.94 2.22 -4.93	39.24 2.01 -7.69	62.15 1.04 -45.91	37.36 0.91 -22.09
GOWANUS_GT4_8 24137	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.74 1.50 0.00	25.18 1.74 0.00	44.94 3.08 0.00	73.66 5.12 0.00	42.09 2.19 -9.67	39.39 1.66 -15.41	38.88 2.15 -8.24	39.19 2.43 -0.28	40.25 2.50 -0.24	39.78 2.47 -0.93	38.94 2.22 -4.93	39.24 2.01 -7.69	62.15 1.04 -45.91	37.36 0.91 -22.09
GREENBSH_115KV_TB3 55895	22.95 0.41 0.00	19.73 0.46 0.00	18.93 0.44 0.00	17.93 0.52 0.00	18.19 0.50 0.00	19.52 0.41 0.00	19.32 0.38 0.00	19.41 0.41 0.00	20.80 0.48 0.00	22.16 0.48 0.00	20.71 0.47 0.00	23.98 0.53 0.00	42.79 0.93 0.00	70.06 1.52 0.00	30.86 0.63 0.00	22.77 0.45 0.00	29.19 0.70 0.00	37.23 0.75 0.00	38.30 0.78 0.00	37.12 0.74 0.00	32.48 0.69 0.00	30.14 0.60 0.00	15.52 0.32 0.00	14.64 0.28 0.00
GREENIDGE_115KV_TB5 80291	15.70 -0.30 6.54	16.08 -0.27 2.93	7.96 -0.31 10.22	-1.11 -0.30 18.22	6.27 -0.26 11.15	18.90 -0.20 0.00	18.74 -0.20 0.00	18.67 -0.17 0.15	9.61 -0.24 10.47	-8.43 -0.35 29.75	2.43 -0.32 17.48	22.87 -0.33 0.26	8.59 -0.39 32.88	-39.93 -0.43 108.04	21.81 -0.36 8.06	20.17 -0.28 1.86	28.21 -0.29 0.00	35.79 -0.44 0.25	36.09 -0.39 1.03	36.07 -0.31 0.00	24.22 -0.10 7.47	29.70 -0.18 -0.34	13.77 -0.10 1.33	-2.62 -0.12 16.85
GREENIDGE___3 23582	15.70 -0.30 6.54	16.08 -0.27 2.93	7.96 -0.31 10.22	-1.11 -0.30 18.22	6.27 -0.26 11.15	18.90 -0.20 0.00	18.74 -0.20 0.00	18.67 -0.17 0.15	9.61 -0.24 10.47	-8.43 -0.35 29.75	2.43 -0.32 17.48	22.87 -0.33 0.26	8.59 -0.39 32.88	-39.93 -0.43 108.04	21.81 -0.36 8.06	20.17 -0.28 1.86	28.21 -0.29 0.00	35.79 -0.44 0.25	36.09 -0.39 1.03	36.07 -0.31 0.00	24.22 -0.10 7.47	29.70 -0.18 -0.34	13.77 -0.10 1.33	-2.62 -0.12 16.85
GREENIDGE___4 23583	15.69 -0.31 6.54	16.08 -0.27 2.93	7.95 -0.33 10.22	-1.12 -0.32 18.21	6.27 -0.27 11.15	18.90 -0.20 0.00	18.74 -0.20 0.00	18.68 -0.17 0.15	9.59 -0.25 10.47	-8.46 -0.38 29.75	2.40 -0.36 17.48	22.86 -0.33 0.26	8.55 -0.42 32.88	-40.12 -0.62 108.04	21.79 -0.37 8.06	20.17 -0.29 1.86	28.21 -0.29 0.00	35.78 -0.44 0.25	36.09 -0.39 1.03	36.07 -0.31 0.00	24.20 -0.11 7.47	29.68 -0.19 -0.34	13.76 -0.11 1.33	-2.64 -0.14 16.85
GREENLWN_69_KV_BK 3 55738	46.13 1.97 -21.62	24.80 1.75 -3.78	20.10 1.61 0.00	18.95 1.54 0.00	19.22 1.53 0.00	20.61 1.51 0.00	20.26 1.32 0.00	20.22 1.22 0.00	21.69 1.38 0.00	23.18 1.50 0.00	27.43 1.71 -5.48	30.37 2.02 -4.91	45.25 3.39 0.00	75.15 5.12 -1.50	42.15 2.35 -9.57	39.33 1.76 -15.25	13.12 2.49 17.86	23.45 2.61 15.63	36.13 2.73 4.11	39.96 2.66 -0.92	39.02 2.35 -4.88	39.27 2.11 -7.61	61.92 1.07 -45.65	37.22 0.89 -21.97
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.75 1.52 0.00	25.20 1.76 0.00	44.96 3.10 0.00	73.71 5.18 0.00	42.12 2.22 -9.67	39.40 1.68 -15.41	38.90 2.16 -8.24	39.22 2.46 -0.28	40.28 2.52 -0.24	39.81 2.50 -0.93	38.96 2.24 -4.93	39.26 2.03 -7.69	62.17 1.05 -45.91	37.37 0.92 -22.09
GRISSOM___SOLAR 323813	25.23 2.69 0.00	21.40 2.12 0.00	20.41 1.92 0.00	19.13 1.72 0.00	19.43 1.75 0.00	21.05 1.95 0.00	20.90 1.96 0.00	20.85 1.85 0.00	22.30 1.99 0.00	23.69 2.01 0.00	21.63 1.40 0.00	24.97 1.52 0.00	44.24 2.38 0.00	73.64 5.11 0.00	33.50 3.27 0.00	25.16 2.84 0.00	32.32 3.82 0.00	41.51 5.03 0.00	42.66 5.15 0.00	41.42 5.04 0.00	36.21 4.42 0.00	33.67 4.13 0.00	17.20 1.99 0.00	16.15 1.80 0.00
GROVEVILLE___HYD 323602	23.98 1.44 0.00	20.56 1.28 0.00	19.68 1.19 0.00	18.53 1.12 0.00	18.78 1.10 0.00	20.23 1.13 0.00	20.04 1.09 0.00	20.14 1.14 0.00	21.60 1.28 0.00	23.09 1.42 0.00	21.63 1.39 0.00	25.10 1.65 0.00	44.82 2.96 0.00	73.42 4.88 0.00	32.36 2.13 0.00	23.92 1.61 0.00	30.59 2.09 0.00	38.92 2.44 0.00	40.01 2.50 0.00	38.79 2.41 0.00	33.94 2.15 0.00	31.45 1.91 0.00	16.17 0.97 0.00	15.21 0.86 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.44 -0.09 0.00	19.19 -0.09 0.00	18.39 -0.10 0.00	17.31 -0.10 0.00	17.59 -0.10 0.00	19.04 -0.07 0.00	18.87 -0.08 0.00	18.94 -0.06 0.00	20.25 -0.06 0.00	21.60 -0.07 0.00	20.14 -0.10 0.00	23.37 -0.08 0.00	41.82 -0.04 0.00	68.47 -0.07 0.00	30.13 -0.10 0.00	22.25 -0.07 0.00	28.47 -0.03 0.00	36.48 0.00 0.00	37.47 -0.04 0.00	36.38 0.00 0.00	31.78 -0.01 0.00	29.48 -0.06 0.00	15.16 -0.04 0.00	14.35 -0.01 0.00

HAMLTNNY_34_KV_TB 80303	22.38 -0.16 0.00	19.14 -0.13 0.00	18.35 -0.15 0.00	17.27 -0.14 0.00	17.55 -0.13 0.00	19.01 -0.10 0.00	18.83 -0.11 0.00	18.90 -0.10 0.00	20.22 -0.10 0.00	21.57 -0.10 0.00	20.09 -0.14 0.00	23.34 -0.11 0.00	41.77 -0.09 0.00	68.39 -0.15 0.00	30.07 -0.16 0.00	22.21 -0.11 0.00	28.41 -0.08 0.00	36.43 -0.05 0.00	37.42 -0.09 0.00	36.35 -0.04 0.00	31.75 -0.04 0.00	29.44 -0.10 0.00	15.15 -0.05 0.00	14.33 -0.02 0.00
HAMPSHIRE___PAPER_HYD 323593	22.79 0.25 0.00	19.10 -0.18 0.00	18.31 -0.19 0.00	17.28 -0.12 0.00	17.49 -0.20 0.00	18.85 -0.25 0.00	18.77 -0.18 0.00	18.74 -0.25 0.00	19.98 -0.34 0.00	18.96 -0.44 2.28	5.16 -0.56 14.51	23.00 -0.45 0.00	41.43 -0.43 0.00	68.75 -0.69 -0.90	34.92 -0.15 -4.85	22.19 -0.13 0.00	28.20 -0.30 0.00	36.31 -0.16 0.00	37.67 0.16 0.00	36.68 0.30 0.00	31.94 0.15 0.00	29.86 0.31 0.00	15.14 -0.06 0.00	14.16 -0.19 0.00
HARDSCRABBLE_WT_PWR 323673	22.54 0.00 0.00	19.35 0.08 0.00	18.52 0.03 0.00	17.47 0.06 0.00	17.73 0.05 0.00	19.05 -0.05 0.00	18.86 -0.09 0.00	18.88 -0.12 0.00	20.29 -0.02 0.00	21.87 -0.03 -0.21	21.41 -0.19 -1.36	23.23 -0.22 0.00	41.57 -0.28 0.00	69.17 0.06 -0.58	30.21 -0.02 0.00	22.38 0.07 0.00	28.76 0.27 0.00	37.02 0.54 0.00	38.20 0.69 0.00	37.10 0.72 0.00	32.55 0.75 0.00	30.22 0.68 0.00	15.52 0.32 0.00	14.60 0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.84 1.30 0.00	20.40 1.13 0.00	19.52 1.03 0.00	18.37 0.96 0.00	18.62 0.94 0.00	20.07 0.96 0.00	19.88 0.93 0.00	19.99 0.99 0.00	21.43 1.11 0.00	22.95 1.27 0.00	21.49 1.25 0.00	24.90 1.46 0.00	44.53 2.67 0.00	73.12 4.58 0.00	26.59 1.98 5.62	14.87 1.51 8.96	25.64 1.94 4.79	38.56 2.24 0.16	39.67 2.29 0.14	38.03 2.19 0.54	30.89 1.96 2.86	26.81 1.75 4.47	-1.07 0.88 17.15	7.05 0.79 8.09
HARSNRAD_115KV_TB1 81005	18.96 -0.89 2.68	17.27 -0.80 1.20	13.61 -0.70 4.18	9.21 -0.74 7.46	12.44 -0.68 4.57	18.67 -0.44 0.00	18.51 -0.44 0.00	18.39 -0.55 0.06	15.41 -0.62 4.29	8.76 -0.80 12.12	12.17 -0.91 7.15	22.27 -1.08 0.10	26.55 -1.85 13.46	20.90 -2.78 44.86	25.48 -1.45 3.30	20.49 -1.06 0.76	27.12 -1.38 0.00	34.73 -1.64 0.10	35.00 -2.10 0.42	34.35 -2.03 0.00	26.73 -1.77 3.29	21.82 -1.55 6.18	13.91 -0.74 0.55	6.98 -0.48 6.90
HARZA MOOSE___RIVER 24016	23.03 0.48 0.00	19.28 0.01 0.00	18.48 -0.02 0.00	17.46 0.05 0.00	17.65 -0.03 0.00	18.99 -0.11 0.00	18.90 -0.04 0.00	18.89 -0.11 0.00	20.16 -0.15 0.00	21.01 -0.19 0.47	16.95 -0.26 3.02	23.26 -0.18 0.00	41.94 0.08 0.00	69.40 0.17 -0.69	31.72 0.14 -1.36	22.42 0.10 0.00	28.56 0.07 0.00	36.72 0.24 0.00	38.04 0.52 0.00	37.08 0.70 0.00	32.40 0.61 0.00	30.24 0.70 0.00	15.30 0.09 0.00	14.32 0.00 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.34 -0.21 0.00	19.10 -0.18 0.00	18.30 -0.19 0.00	17.23 -0.18 0.00	17.51 -0.17 0.00	18.95 -0.15 0.00	18.78 -0.16 0.00	18.84 -0.15 0.00	20.15 -0.16 0.00	21.49 -0.18 0.00	20.04 -0.20 0.00	23.24 -0.20 0.00	41.58 -0.28 0.00	68.09 -0.45 0.00	29.96 -0.27 0.00	22.13 -0.19 0.00	28.31 -0.18 0.00	36.26 -0.22 0.00	37.23 -0.28 0.00	36.15 -0.23 0.00	31.58 -0.21 0.00	29.29 -0.24 0.00	15.07 -0.13 0.00	14.27 -0.09 0.00
HELLGATE_13_KV_LD 55870	24.07 1.53 0.00	20.66 1.38 0.00	19.75 1.26 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.27 1.16 0.00	20.10 1.16 0.00	20.20 1.20 0.00	21.66 1.34 0.00	23.17 1.50 0.00	21.72 1.48 0.00	25.15 1.70 0.00	44.89 3.04 0.00	73.51 4.98 0.00	42.02 2.13 -9.67	39.35 1.62 -15.41	38.81 2.07 -8.24	39.09 2.33 -0.28	40.14 2.39 -0.24	39.68 2.36 -0.93	38.85 2.13 -4.93	39.15 1.92 -7.69	62.12 1.00 -45.91	37.33 0.88 -22.09
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.07 1.53 0.00	20.66 1.38 0.00	19.75 1.26 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.27 1.16 0.00	20.10 1.16 0.00	20.20 1.20 0.00	21.66 1.34 0.00	23.17 1.50 0.00	21.72 1.48 0.00	25.15 1.70 0.00	44.89 3.04 0.00	73.51 4.98 0.00	42.02 2.13 -9.67	39.35 1.62 -15.41	38.81 2.07 -8.24	39.09 2.33 -0.28	40.14 2.39 -0.24	39.68 2.36 -0.93	38.85 2.13 -4.93	39.15 1.92 -7.69	62.12 1.00 -45.91	37.33 0.88 -22.09
HEMPSTEAD____ 23647	48.53 1.82 -24.16	24.67 1.61 -3.78	19.98 1.49 0.00	18.82 1.41 0.00	19.08 1.40 0.00	20.50 1.40 0.00	20.22 1.28 0.00	20.25 1.25 0.00	21.75 1.43 0.00	23.26 1.58 0.00	27.42 1.70 -5.48	30.31 1.95 -4.91	45.30 3.43 0.00	75.68 5.49 -1.66	42.19 2.39 -9.57	39.40 1.83 -15.26	39.02 2.36 -8.17	39.37 2.61 -0.28	40.49 2.74 -0.24	40.01 2.71 -0.93	39.09 2.42 -4.88	39.34 2.18 -7.61	61.95 1.09 -45.65	37.26 0.93 -21.97
HEWLETT_69_KV_BK3 55828	48.73 2.03 -24.16	24.84 1.79 -3.78	20.14 1.65 0.00	18.97 1.56 0.00	19.24 1.55 0.00	20.67 1.57 0.00	20.38 1.44 0.00	20.41 1.41 0.00	21.92 1.60 0.00	23.44 1.76 0.00	27.61 1.89 -5.48	30.54 2.19 -4.91	45.74 3.86 -0.01	76.68 6.04 -2.10	42.23 2.43 -9.57	39.39 1.82 -15.26	39.12 2.47 -8.16	39.67 2.91 -0.28	40.90 3.15 -0.24	40.40 3.09 -0.93	39.42 2.75 -4.88	39.63 2.47 -7.61	62.09 1.24 -45.65	37.38 1.06 -21.97
HICKLING___1 23621	13.62 -0.45 8.47	15.11 -0.37 3.79	4.85 -0.41 13.24	-6.58 -0.39 23.60	2.89 -0.35 14.45	18.77 -0.33 0.00	18.60 -0.34 0.00	18.53 -0.27 0.19	6.34 -0.41 13.57	-17.50 -0.51 38.66	-2.96 -0.52 22.67	22.53 -0.58 0.33	-1.64 -0.89 42.60	-73.34 -1.20 140.68	19.18 -0.61 10.45	19.54 -0.37 2.41	28.12 -0.38 0.00	35.81 -0.34 0.33	35.71 -0.47 1.33	36.11 -0.27 0.00	21.50 -0.36 9.94	22.72 -0.34 6.48	13.29 -0.18 1.73	-7.70 -0.22 21.83
HICKLING___2 23622	13.62 -0.45 8.47	15.11 -0.37 3.79	4.85 -0.41 13.24	-6.58 -0.39 23.60	2.89 -0.35 14.45	18.77 -0.33 0.00	18.60 -0.34 0.00	18.53 -0.27 0.19	6.34 -0.41 13.57	-17.50 -0.51 38.66	-2.96 -0.52 22.67	22.53 -0.58 0.33	-1.64 -0.89 42.60	-73.34 -1.20 140.68	19.18 -0.61 10.45	19.54 -0.37 2.41	28.12 -0.38 0.00	35.81 -0.34 0.33	35.71 -0.47 1.33	36.11 -0.27 0.00	21.50 -0.36 9.94	22.72 -0.34 6.48	13.29 -0.18 1.73	-7.70 -0.22 21.83
HIGH FALLS___HY 23754	23.84 1.30 0.00	20.38 1.11 0.00	19.49 1.00 0.00	18.31 0.90 0.00	18.58 0.89 0.00	20.04 0.93 0.00	19.86 0.92 0.00	19.97 0.97 0.00	21.41 1.10 0.00	22.92 1.24 0.00	21.27 1.04 0.00	24.73 1.28 0.00	44.00 2.14 0.00	72.00 3.46 0.00	31.81 1.58 0.00	23.61 1.29 0.00	30.12 1.62 0.00	38.35 1.87 0.00	39.40 1.88 0.00	38.16 1.78 0.00	33.41 1.61 0.00	31.00 1.46 0.00	16.08 0.88 0.00	15.13 0.78 0.00
HILLBURN___GT 23639	23.81 1.27 0.00	20.38 1.11 0.00	19.50 1.01 0.00	18.35 0.94 0.00	18.60 0.92 0.00	20.04 0.93 0.00	19.84 0.90 0.00	19.96 0.96 0.00	21.40 1.09 0.00	22.93 1.26 0.00	21.49 1.25 0.00	24.87 1.42 0.00	44.44 2.59 0.00	73.04 4.50 0.00	25.57 1.90 6.56	13.29 1.44 10.46	24.77 1.87 5.60	38.40 2.12 0.19	39.52 2.17 0.16	37.84 2.10 0.63	30.33 1.89 3.35	25.98 1.67 5.22	-3.93 0.85 19.98	5.70 0.77 9.42

HILLSIDE_115KV_TB1 80332	13.64 -0.55 8.36	15.10 -0.43 3.74	4.98 -0.46 13.05	-6.31 -0.43 23.28	3.03 -0.41 14.25	18.68 -0.43 0.00	18.52 -0.43 0.00	18.45 -0.36 0.19	6.42 -0.52 13.38	-17.10 -0.62 38.16	-2.78 -0.66 22.36	22.43 -0.70 0.33	-1.21 -1.04 42.02	-71.82 -1.56 138.80	19.21 -0.72 10.30	19.48 -0.47 2.38	28.01 -0.49 0.00	35.65 -0.51 0.33	35.54 -0.66 1.32	35.91 -0.47 0.00	21.47 -0.51 9.82	22.24 -0.47 6.83	13.26 -0.23 1.71	-7.45 -0.27 21.54
HISHELDN_WT_PWR 323625	17.59 -1.06 3.89	16.59 -0.94 1.74	11.42 -0.99 6.08	5.62 -0.95 10.84	10.21 -0.84 6.63	18.42 -0.68 0.00	18.24 -0.71 0.00	18.18 -0.73 0.09	13.25 -0.84 6.23	2.97 -1.04 17.66	8.69 -1.15 10.40	21.91 -1.38 0.15	19.96 -2.34 19.55	-0.82 -3.52 65.83	23.82 -1.62 4.79	20.12 -1.09 1.11	27.14 -1.36 0.00	34.79 -1.54 0.15	34.79 -2.11 0.61	34.35 -2.04 0.00	24.89 -1.87 5.03	12.07 -1.69 15.78	13.57 -0.84 0.79	3.63 -0.70 10.02
HOLTSVILLE_IC_1 23690	54.20 2.34 -29.32	25.13 2.07 -3.78	20.45 1.94 -0.01	19.26 1.85 -0.01	19.53 1.84 0.00	20.97 1.86 0.00	20.56 1.62 0.00	20.46 1.46 0.00	21.99 1.67 0.00	23.51 1.83 0.00	27.71 1.99 -5.48	30.64 2.29 -4.91	45.69 3.83 0.00	76.09 6.06 -1.49	42.56 2.75 -9.57	39.65 2.07 -15.26	136.13 2.76 -104.87	72.09 3.00 -32.61	49.83 3.23 -9.08	40.55 3.24 -0.93	39.54 2.86 -4.89	39.72 2.56 -7.61	62.13 1.27 -45.65	37.40 1.07 -21.97
HOLTSVILLE_IC_10 23699	55.75 2.46 -30.75	25.23 2.17 -3.78	20.54 2.04 -0.01	19.35 1.93 -0.01	19.61 1.93 0.00	21.06 1.95 0.00	20.64 1.70 0.00	20.53 1.53 0.00	22.08 1.77 0.00	23.62 1.94 0.00	27.81 2.09 -5.48	30.76 2.41 -4.91	45.89 4.03 0.00	76.47 6.44 -1.50	42.76 2.96 -9.57	39.81 2.23 -15.26	147.03 2.98 -115.55	81.30 3.27 -41.55	52.54 3.49 -11.53	40.78 3.47 -0.93	39.75 3.07 -4.89	39.90 2.74 -7.61	62.21 1.36 -45.65	37.46 1.14 -21.97
HOLTSVILLE_IC_2 23691	54.20 2.34 -29.32	25.13 2.07 -3.78	20.45 1.94 -0.01	19.26 1.85 -0.01	19.53 1.84 0.00	20.97 1.86 0.00	20.56 1.62 0.00	20.46 1.46 0.00	21.99 1.67 0.00	23.51 1.83 0.00	27.71 1.99 -5.48	30.64 2.29 -4.91	45.69 3.83 0.00	76.09 6.06 -1.49	42.56 2.75 -9.57	39.65 2.07 -15.26	136.13 2.76 -104.87	72.09 3.00 -32.61	49.83 3.23 -9.08	40.55 3.24 -0.93	39.54 2.86 -4.89	39.72 2.56 -7.61	62.13 1.27 -45.65	37.40 1.07 -21.97
HOLTSVILLE_IC_3 23692	54.20 2.34 -29.32	25.13 2.07 -3.78	20.45 1.94 -0.01	19.26 1.85 -0.01	19.53 1.84 0.00	20.97 1.86 0.00	20.56 1.62 0.00	20.46 1.46 0.00	21.99 1.67 0.00	23.51 1.83 0.00	27.71 1.99 -5.48	30.64 2.29 -4.91	45.69 3.83 0.00	76.09 6.06 -1.49	42.56 2.75 -9.57	39.65 2.07 -15.26	136.13 2.76 -104.87	72.09 3.00 -32.61	49.83 3.23 -9.08	40.55 3.24 -0.93	39.54 2.86 -4.89	39.72 2.56 -7.61	62.13 1.27 -45.65	37.40 1.07 -21.97
HOLTSVILLE_IC_4 23693	54.20 2.34 -29.32	25.13 2.07 -3.78	20.45 1.94 -0.01	19.26 1.85 -0.01	19.53 1.84 0.00	20.97 1.86 0.00	20.56 1.62 0.00	20.46 1.46 0.00	21.99 1.67 0.00	23.51 1.83 0.00	27.71 1.99 -5.48	30.64 2.29 -4.91	45.69 3.83 0.00	76.09 6.06 -1.49	42.56 2.75 -9.57	39.65 2.07 -15.26	136.13 2.76 -104.87	72.09 3.00 -32.61	49.83 3.23 -9.08	40.55 3.24 -0.93	39.54 2.86 -4.89	39.72 2.56 -7.61	62.13 1.27 -45.65	37.40 1.07 -21.97
HOLTSVILLE_IC_5 23694	54.20 2.34 -29.32	25.13 2.07 -3.78	20.45 1.94 -0.01	19.26 1.85 -0.01	19.53 1.84 0.00	20.97 1.86 0.00	20.56 1.62 0.00	20.46 1.46 0.00	21.99 1.67 0.00	23.51 1.83 0.00	27.71 1.99 -5.48	30.64 2.29 -4.91	45.69 3.83 0.00	76.09 6.06 -1.49	42.56 2.75 -9.57	39.65 2.07 -15.26	136.13 2.76 -104.87	72.09 3.00 -32.61	49.83 3.23 -9.08	40.55 3.24 -0.93	39.54 2.86 -4.89	39.72 2.56 -7.61	62.13 1.27 -45.65	37.40 1.07 -21.97
HOLTSVILLE_IC_6 23695	55.75 2.46 -30.75	25.23 2.17 -3.78	20.54 2.04 -0.01	19.35 1.93 -0.01	19.61 1.93 0.00	21.06 1.95 0.00	20.64 1.70 0.00	20.53 1.53 0.00	22.08 1.77 0.00	23.62 1.94 0.00	27.81 2.09 -5.48	30.76 2.41 -4.91	45.89 4.03 0.00	76.47 6.44 -1.50	42.76 2.96 -9.57	39.81 2.23 -15.26	147.03 2.98 -115.55	81.30 3.27 -41.55	52.54 3.49 -11.53	40.78 3.47 -0.93	39.75 3.07 -4.89	39.90 2.74 -7.61	62.21 1.36 -45.65	37.46 1.14 -21.97
HOLTSVILLE_IC_7 23696	55.75 2.46 -30.75	25.23 2.17 -3.78	20.54 2.04 -0.01	19.35 1.93 -0.01	19.61 1.93 0.00	21.06 1.95 0.00	20.64 1.70 0.00	20.53 1.53 0.00	22.08 1.77 0.00	23.62 1.94 0.00	27.81 2.09 -5.48	30.76 2.41 -4.91	45.89 4.03 0.00	76.47 6.44 -1.50	42.76 2.96 -9.57	39.81 2.23 -15.26	147.03 2.98 -115.55	81.30 3.27 -41.55	52.54 3.49 -11.53	40.78 3.47 -0.93	39.75 3.07 -4.89	39.90 2.74 -7.61	62.21 1.36 -45.65	37.46 1.14 -21.97
HOLTSVILLE_IC_8 23697	55.75 2.46 -30.75	25.23 2.17 -3.78	20.54 2.04 -0.01	19.35 1.93 -0.01	19.61 1.93 0.00	21.06 1.95 0.00	20.64 1.70 0.00	20.53 1.53 0.00	22.08 1.77 0.00	23.62 1.94 0.00	27.81 2.09 -5.48	30.76 2.41 -4.91	45.89 4.03 0.00	76.47 6.44 -1.50	42.76 2.96 -9.57	39.81 2.23 -15.26	147.03 2.98 -115.55	81.30 3.27 -41.55	52.54 3.49 -11.53	40.78 3.47 -0.93	39.75 3.07 -4.89	39.90 2.74 -7.61	62.21 1.36 -45.65	37.46 1.14 -21.97
HOLTSVILLE_IC_9 23698	55.75 2.46 -30.75	25.23 2.17 -3.78	20.54 2.04 -0.01	19.35 1.93 -0.01	19.61 1.93 0.00	21.06 1.95 0.00	20.64 1.70 0.00	20.53 1.53 0.00	22.08 1.77 0.00	23.62 1.94 0.00	27.81 2.09 -5.48	30.76 2.41 -4.91	45.89 4.03 0.00	76.47 6.44 -1.50	42.76 2.96 -9.57	39.81 2.23 -15.26	147.03 2.98 -115.55	81.30 3.27 -41.55	52.54 3.49 -11.53	40.78 3.47 -0.93	39.75 3.07 -4.89	39.90 2.74 -7.61	62.21 1.36 -45.65	37.46 1.14 -21.97
HOMER_HL_115KV_TB2 355744	18.34 -0.19 4.01	17.34 -0.13 1.80	12.04 -0.19 6.26	6.08 -0.15 11.17	10.70 -0.15 6.84	19.02 -0.08 0.00	18.84 -0.11 0.00	18.87 -0.04 0.09	13.88 -0.02 6.42	3.45 -0.11 18.12	9.09 -0.43 10.71	22.73 -0.56 0.16	21.06 -0.64 20.16	0.94 -0.81 66.78	24.67 -0.62 4.94	20.79 -0.39 1.14	28.15 -0.35 0.00	35.97 -0.35 0.16	36.15 -0.73 0.63	35.76 -0.62 0.00	26.53 -0.48 4.78	23.97 -0.32 5.25	14.24 -0.14 0.82	4.02 -0.01 10.33
HOWARD_WT_PWR 323690	13.71 -1.36 7.48	14.80 -1.13 3.35	5.50 -1.31 11.68	-4.60 -1.18 20.83	3.81 -1.13 12.75	17.93 -1.17 0.00	17.74 -1.21 0.00	17.76 -1.07 0.17	7.11 -1.23 11.98	-13.49 -1.14 34.02	-0.85 -1.09 20.00	21.56 -1.60 0.29	1.36 -2.89 37.61	-57.47 -2.94 123.07	19.08 -1.93 9.22	18.85 -1.34 2.13	26.85 -1.65 0.00	34.39 -1.80 0.29	34.49 -1.85 1.18	34.59 -1.79 0.00	22.07 -1.37 8.36	33.80 -1.30 -5.56	12.90 -0.77 1.53	-5.74 -0.82 19.27
HQ_GEN_CEDARS 23644	22.41 -0.13 0.00	19.09 -0.19 0.00	18.33 -0.16 0.00	17.24 -0.17 0.00	17.52 -0.16 0.00	18.97 -0.13 0.00	18.86 -0.08 0.00	18.89 -0.11 0.00	20.13 -0.19 0.00	17.36 -0.23 4.08	-6.13 -0.41 25.95	23.21 -0.24 0.00	41.41 -0.45 0.00	59.74 -0.76 8.03	32.12 -0.16 -2.05	22.20 -0.11 0.00	28.23 -0.27 0.00	36.26 -0.22 0.00	37.32 -0.19 0.00	36.17 -0.21 0.00	31.47 -0.32 0.00	29.35 -0.19 0.00	15.10 -0.11 0.00	14.20 -0.16 0.00

HQ_GEN_CEDARS_PROXY 323590	22.42 -0.12 0.00	19.09 -0.19 0.00	18.33 -0.16 0.00	17.24 -0.17 0.00	17.52 -0.16 0.00	18.98 -0.13 0.00	18.86 -0.08 0.00	18.89 -0.11 0.00	20.13 -0.19 0.00	17.37 -0.23 4.08	-6.13 -0.41 25.95	23.21 -0.24 0.00	41.41 -0.44 0.00	59.76 -0.74 8.03	32.13 -0.15 -2.05	22.20 -0.11 0.00	28.23 -0.27 0.00	36.26 -0.22 0.00	37.32 -0.19 0.00	36.17 -0.21 0.00	31.48 -0.31 0.00	29.36 -0.18 0.00	15.10 -0.11 0.00	14.20 -0.15 0.00
HQ_GEN_IMPORT 323601	22.32 -0.23 0.00	19.05 -0.23 0.00	18.29 -0.20 0.00	17.20 -0.21 0.00	17.48 -0.20 0.00	18.91 -0.19 0.00	18.78 -0.16 0.00	18.82 -0.17 0.00	20.10 -0.22 0.00	20.96 -0.24 0.48	16.98 -0.23 3.03	23.20 -0.25 0.00	41.36 -0.50 0.00	66.39 -0.86 1.29	29.94 -0.29 0.00	22.09 -0.23 0.00	28.12 -0.38 0.00	36.10 -0.38 0.00	37.15 -0.36 0.00	36.00 -0.38 0.00	31.42 -0.38 0.00	29.23 -0.30 0.00	15.05 -0.15 0.00	14.19 -0.17 0.00
HQ_GEN_WHEEL 23651	22.32 -0.23 0.00	19.05 -0.23 0.00	18.29 -0.20 0.00	17.20 -0.21 0.00	17.48 -0.20 0.00	18.91 -0.19 0.00	18.78 -0.16 0.00	18.82 -0.17 0.00	20.10 -0.22 0.00	20.96 -0.24 0.48	16.98 -0.23 3.03	23.20 -0.25 0.00	41.36 -0.50 0.00	66.39 -0.86 1.29	29.94 -0.29 0.00	22.09 -0.23 0.00	28.12 -0.38 0.00	36.10 -0.38 0.00	37.15 -0.36 0.00	36.00 -0.38 0.00	31.42 -0.38 0.00	29.23 -0.30 0.00	15.05 -0.15 0.00	14.19 -0.17 0.00
HUDSON_AVE_GT_3 23810	24.07 1.53 0.00	20.65 1.38 0.00	19.76 1.27 0.00	18.60 1.20 0.00	18.85 1.17 0.00	20.29 1.18 0.00	20.10 1.15 0.00	20.21 1.21 0.00	21.67 1.36 0.00	23.19 1.52 0.00	21.74 1.51 0.00	25.18 1.73 0.00	44.96 3.11 0.00	73.66 5.12 0.00	42.06 2.16 -9.67	39.35 1.62 -15.41	38.84 2.10 -8.25	39.12 2.36 -0.28	40.18 2.43 -0.24	39.72 2.40 -0.93	38.87 2.15 -4.93	39.18 1.94 -7.69	62.14 1.01 -45.92	37.34 0.90 -22.09
HUDSON_AVE_GT_4 23540	24.07 1.53 0.00	20.65 1.38 0.00	19.76 1.27 0.00	18.60 1.20 0.00	18.85 1.17 0.00	20.29 1.18 0.00	20.10 1.15 0.00	20.21 1.21 0.00	21.67 1.36 0.00	23.19 1.52 0.00	21.74 1.51 0.00	25.18 1.73 0.00	44.96 3.11 0.00	73.66 5.12 0.00	42.06 2.16 -9.67	39.35 1.62 -15.41	38.84 2.10 -8.25	39.12 2.36 -0.28	40.18 2.43 -0.24	39.72 2.40 -0.93	38.87 2.15 -4.93	39.18 1.94 -7.69	62.14 1.01 -45.92	37.34 0.90 -22.09
HUDSON_AVE_GT_5 23657	24.07 1.53 0.00	20.65 1.38 0.00	19.76 1.27 0.00	18.60 1.20 0.00	18.85 1.17 0.00	20.29 1.18 0.00	20.10 1.15 0.00	20.21 1.21 0.00	21.67 1.36 0.00	23.19 1.52 0.00	21.74 1.51 0.00	25.18 1.73 0.00	44.96 3.11 0.00	73.66 5.12 0.00	42.06 2.16 -9.67	39.35 1.62 -15.41	38.84 2.10 -8.25	39.12 2.36 -0.28	40.18 2.43 -0.24	39.72 2.40 -0.93	38.87 2.15 -4.93	39.18 1.94 -7.69	62.14 1.01 -45.92	37.34 0.90 -22.09
HUDSON_AVE_10 24168	23.95 1.41 0.00	20.56 1.28 0.00	19.68 1.19 0.00	18.53 1.13 0.00	18.78 1.09 0.00	20.20 1.10 0.00	20.02 1.08 0.00	20.12 1.13 0.00	21.57 1.26 0.00	23.10 1.43 0.00	21.63 1.39 0.00	25.04 1.59 0.00	44.72 2.86 0.00	73.28 4.74 0.00	41.86 1.97 -9.66	39.22 1.49 -15.41	38.67 1.93 -8.24	38.89 2.13 -0.28	39.95 2.20 -0.24	39.51 2.19 -0.93	38.70 1.98 -4.93	39.03 1.79 -7.69	62.07 0.94 -45.92	37.27 0.82 -22.09
HUDSON___115KV_TB 4 355613	23.42 0.87 0.00	20.11 0.83 0.00	19.28 0.79 0.00	18.24 0.83 0.00	18.51 0.83 0.00	19.89 0.78 0.00	19.69 0.75 0.00	19.80 0.80 0.00	21.24 0.93 0.00	22.64 0.97 0.00	21.05 0.81 0.00	24.37 0.92 0.00	43.62 1.76 0.00	71.73 3.19 0.00	31.55 1.32 0.00	23.28 0.96 0.00	30.00 1.51 0.00	38.27 1.79 0.00	39.36 1.85 0.00	38.17 1.79 0.00	33.37 1.58 0.00	30.91 1.37 0.00	15.88 0.68 0.00	14.95 0.60 0.00
HUNTER MOUNT___DRP 323613	23.51 0.97 0.00	20.20 0.92 0.00	19.37 0.88 0.00	18.33 0.93 0.00	18.60 0.92 0.00	19.99 0.88 0.00	19.79 0.85 0.00	19.91 0.91 0.00	21.37 1.06 0.00	22.78 1.10 0.00	21.15 0.92 0.00	24.50 1.05 0.00	43.86 2.00 0.00	72.08 3.55 0.00	31.73 1.50 0.00	23.43 1.11 0.00	30.21 1.72 0.00	38.56 2.08 0.00	39.65 2.14 0.00	38.43 2.05 0.00	33.60 1.80 0.00	31.10 1.56 0.00	15.97 0.77 0.00	15.03 0.67 0.00
HUNTINGTON_RES_REC 323705	40.96 2.19 -16.22	24.99 1.94 -3.77	20.27 1.80 0.01	19.11 1.71 0.01	19.39 1.71 0.00	20.79 1.69 0.00	20.42 1.47 0.00	20.34 1.35 0.00	21.86 1.54 0.00	23.38 1.70 0.00	27.61 1.89 -5.48	30.55 2.20 -4.91	45.55 3.70 0.00	75.85 5.82 -1.50	42.47 2.67 -9.57	39.58 2.02 -15.25	-45.25 2.78 76.52	-10.03 2.95 49.47	27.26 3.12 13.37	40.34 3.05 -0.91	39.36 2.70 -4.87	39.57 2.41 -7.61	62.06 1.20 -45.65	37.33 1.01 -21.97
HUNTLEY___63 23557	18.91 -0.77 2.86	17.30 -0.70 1.28	13.42 -0.61 4.47	8.80 -0.64 7.97	12.22 -0.59 4.88	18.73 -0.37 0.00	18.58 -0.37 0.00	18.48 -0.45 0.07	15.24 -0.49 4.58	8.08 -0.67 12.93	11.80 -0.80 7.64	22.37 -0.96 0.11	25.92 -1.57 14.37	18.35 -2.30 47.88	25.46 -1.24 3.52	20.61 -0.89 0.81	27.37 -1.13 0.00	34.96 -1.41 0.11	35.15 -1.91 0.45	34.51 -1.87 0.00	26.64 -1.64 3.52	21.53 -1.39 6.62	13.94 -0.68 0.58	6.58 -0.41 7.36
HUNTLEY___64 23558	18.91 -0.77 2.86	17.30 -0.70 1.28	13.42 -0.61 4.47	8.80 -0.64 7.97	12.22 -0.59 4.88	18.73 -0.37 0.00	18.58 -0.37 0.00	18.48 -0.45 0.07	15.24 -0.49 4.58	8.08 -0.67 12.93	11.80 -0.80 7.64	22.37 -0.96 0.11	25.92 -1.57 14.37	18.35 -2.30 47.88	25.46 -1.24 3.52	20.61 -0.89 0.81	27.37 -1.13 0.00	34.96 -1.41 0.11	35.15 -1.91 0.45	34.51 -1.87 0.00	26.64 -1.64 3.52	21.53 -1.39 6.62	13.94 -0.68 0.58	6.58 -0.41 7.36
HUNTLEY___65 23559	18.91 -0.77 2.86	17.30 -0.70 1.28	13.42 -0.61 4.47	8.80 -0.64 7.97	12.22 -0.59 4.88	18.73 -0.37 0.00	18.58 -0.37 0.00	18.48 -0.45 0.07	15.24 -0.49 4.58	8.08 -0.67 12.93	11.80 -0.80 7.64	22.37 -0.96 0.11	25.92 -1.57 14.37	18.35 -2.30 47.88	25.46 -1.24 3.52	20.61 -0.89 0.81	27.37 -1.13 0.00	34.96 -1.41 0.11	35.15 -1.91 0.45	34.51 -1.87 0.00	26.64 -1.64 3.52	21.53 -1.39 6.62	13.94 -0.68 0.58	6.58 -0.41 7.36
HUNTLEY___66 23560	18.91 -0.77 2.86	17.30 -0.70 1.28	13.42 -0.61 4.47	8.80 -0.64 7.97	12.22 -0.59 4.88	18.73 -0.37 0.00	18.58 -0.37 0.00	18.48 -0.45 0.07	15.24 -0.49 4.58	8.08 -0.67 12.93	11.80 -0.80 7.64	22.37 -0.96 0.11	25.92 -1.57 14.37	18.35 -2.30 47.88	25.46 -1.24 3.52	20.61 -0.89 0.81	27.37 -1.13 0.00	34.96 -1.41 0.11	35.15 -1.91 0.45	34.51 -1.87 0.00	26.64 -1.64 3.52	21.53 -1.39 6.62	13.94 -0.68 0.58	6.58 -0.41 7.36
HUNTLEY___67 23561	18.63 -0.93 2.99	17.11 -0.83 1.34	13.08 -0.76 4.65	8.33 -0.78 8.30	11.88 -0.72 5.08	18.60 -0.50 0.00	18.44 -0.50 0.00	18.37 -0.56 0.07	14.90 -0.65 4.77	7.35 -0.85 13.48	11.31 -0.97 7.96	22.21 -1.12 0.12	24.99 -1.90 14.97	15.68 -2.93 49.94	25.14 -1.42 3.67	20.45 -1.02 0.85	27.20 -1.30 0.00	34.78 -1.59 0.12	34.98 -2.07 0.47	34.38 -2.00 0.00	26.32 -1.80 3.68	20.60 -1.60 7.35	13.84 -0.75 0.61	6.16 -0.52 7.67

HUNTLEY___68 23562	18.63 -0.93 2.99	17.11 -0.83 1.34	13.08 -0.76 4.65	8.33 -0.78 8.30	11.88 -0.72 5.08	18.60 -0.50 0.00	18.44 -0.50 0.00	18.37 -0.56 0.07	14.90 -0.65 4.77	7.35 -0.85 13.48	11.31 -0.97 7.96	22.21 -1.12 0.12	24.99 -1.90 14.97	15.68 -2.93 49.94	25.14 -1.42 3.67	20.45 -1.02 0.85	27.20 -1.30 0.00	34.78 -1.59 0.12	34.98 -2.07 0.47	34.38 -2.00 0.00	26.32 -1.80 3.68	20.60 -1.60 7.35	13.84 -0.75 0.61	6.16 -0.52 7.67
HYLAND___LFGE 323620	18.40 0.07 4.20	17.40 0.00 1.88	11.84 -0.09 6.57	5.60 -0.10 11.71	10.51 -0.01 7.17	19.26 0.16 0.00	19.06 0.12 0.00	19.00 0.10 0.10	13.34 -0.25 6.73	2.56 0.00 19.12	8.79 -0.21 11.24	22.70 -0.58 0.16	19.72 -1.00 21.13	-1.36 -1.49 68.41	24.25 -0.80 5.18	20.67 -0.45 1.19	27.82 -0.68 0.00	35.72 -0.59 0.16	36.25 -0.60 0.66	36.64 0.26 0.00	27.60 0.23 4.42	40.46 0.29 -10.62	14.46 0.12 0.86	3.61 0.08 10.83
INDECK___CORINTH 23802	24.07 1.53 0.00	20.68 1.41 0.00	19.83 1.34 0.00	18.70 1.29 0.00	18.98 1.30 0.00	20.50 1.39 0.00	20.31 1.37 0.00	20.41 1.41 0.00	21.92 1.61 0.00	23.42 1.75 0.00	21.69 1.45 0.00	25.14 1.70 0.00	44.74 2.88 0.00	72.92 4.38 0.00	32.22 1.99 0.00	23.82 1.50 0.00	30.79 2.29 0.00	39.36 2.88 0.00	40.75 3.24 0.00	39.55 3.17 0.00	34.58 2.79 0.00	31.99 2.45 0.00	16.42 1.22 0.00	15.44 1.09 0.00
INDECK___ILION 23567	22.71 0.17 0.00	19.46 0.18 0.00	18.65 0.16 0.00	17.59 0.17 0.00	17.85 0.16 0.00	19.24 0.13 0.00	19.05 0.11 0.00	19.10 0.10 0.00	20.45 0.14 0.00	22.03 0.14 -0.21	21.67 0.08 -1.36	23.54 0.09 0.00	42.06 0.20 0.00	69.74 0.62 -0.58	30.50 0.27 0.00	22.56 0.25 0.00	28.90 0.40 0.00	36.99 0.51 0.00	38.07 0.56 0.00	36.95 0.57 0.00	32.34 0.55 0.00	30.02 0.48 0.00	15.43 0.23 0.00	14.53 0.18 0.00
INDECK___OLEAN 23982	18.31 -0.22 4.01	17.32 -0.16 1.80	12.00 -0.23 6.26	6.03 -0.19 11.19	10.69 -0.16 6.84	19.02 -0.08 0.00	18.84 -0.11 0.00	18.87 -0.04 0.09	13.83 -0.07 6.42	3.38 -0.18 18.12	9.03 -0.50 10.71	22.70 -0.59 0.16	21.01 -0.69 20.16	0.77 -0.99 66.78	24.65 -0.64 4.94	20.79 -0.39 1.14	28.15 -0.35 0.00	35.96 -0.36 0.16	36.14 -0.74 0.63	35.76 -0.62 0.00	26.51 -0.50 4.78	23.96 -0.33 5.25	14.23 -0.15 0.82	3.99 -0.04 10.33
INDECK___OSWEGO 23783	22.13 -0.41 0.00	18.88 -0.39 0.00	18.10 -0.39 0.00	17.05 -0.36 0.00	17.31 -0.38 0.00	18.72 -0.39 0.00	18.57 -0.38 0.00	18.63 -0.37 0.00	19.92 -0.39 0.00	21.12 -0.44 0.12	19.07 -0.43 0.73	22.97 -0.48 0.00	41.11 -0.75 0.00	66.98 -1.25 0.31	29.61 -0.62 0.00	21.85 -0.46 0.00	27.94 -0.55 0.00	35.80 -0.68 0.00	36.82 -0.69 0.00	35.76 -0.62 0.00	31.22 -0.57 0.00	29.00 -0.54 0.00	14.90 -0.30 0.00	14.10 -0.25 0.00
INDECK___YERKES 23781	18.90 -0.78 2.86	17.29 -0.71 1.28	13.39 -0.64 4.47	8.76 -0.67 7.98	12.22 -0.59 4.88	18.75 -0.35 0.00	18.59 -0.35 0.00	18.50 -0.43 0.07	15.21 -0.53 4.58	8.03 -0.71 12.93	11.76 -0.84 7.64	22.37 -0.96 0.11	25.95 -1.54 14.37	18.31 -2.35 47.88	25.48 -1.23 3.52	20.64 -0.87 0.81	27.39 -1.10 0.00	34.99 -1.38 0.11	35.18 -1.88 0.45	34.55 -1.83 0.00	26.65 -1.63 3.52	21.55 -1.37 6.62	13.94 -0.67 0.58	6.56 -0.43 7.36
INDIAN POINT___GT_1 24139	23.79 1.25 0.00	20.39 1.11 0.00	19.51 1.02 0.00	18.37 0.96 0.00	18.61 0.93 0.00	20.05 0.94 0.00	19.85 0.90 0.00	19.95 0.96 0.00	21.38 1.07 0.00	22.89 1.22 0.00	21.45 1.22 0.00	24.84 1.39 0.00	44.37 2.51 0.00	72.79 4.25 0.00	82.22 1.80 -50.19	103.69 1.37 -80.01	73.08 1.78 -42.80	39.95 2.00 -1.47	40.81 2.06 -1.24	43.23 2.00 -4.85	59.18 1.80 -25.59	71.09 1.61 -39.94	193.07 0.82 -177.04	99.21 0.74 -84.12
INDIAN POINT___GT_2 23659	23.79 1.25 0.00	20.39 1.11 0.00	19.51 1.02 0.00	18.37 0.96 0.00	18.61 0.93 0.00	20.05 0.94 0.00	19.85 0.90 0.00	19.95 0.96 0.00	21.38 1.07 0.00	22.89 1.22 0.00	21.45 1.22 0.00	24.84 1.39 0.00	44.37 2.51 0.00	72.79 4.25 0.00	82.22 1.80 -50.19	103.69 1.37 -80.01	73.08 1.78 -42.80	39.95 2.00 -1.47	40.81 2.06 -1.24	43.23 2.00 -4.85	59.18 1.80 -25.59	71.09 1.61 -39.94	193.07 0.82 -177.04	99.21 0.74 -84.12
INDIAN POINT___GT_3 24019	23.79 1.25 0.00	20.39 1.11 0.00	19.51 1.02 0.00	18.37 0.96 0.00	18.61 0.93 0.00	20.05 0.94 0.00	19.85 0.90 0.00	19.95 0.96 0.00	21.38 1.07 0.00	22.89 1.22 0.00	21.45 1.22 0.00	24.84 1.39 0.00	44.37 2.51 0.00	72.79 4.25 0.00	82.22 1.80 -50.19	103.69 1.37 -80.01	73.08 1.78 -42.80	39.95 2.00 -1.47	40.81 2.06 -1.24	43.23 2.00 -4.85	59.18 1.80 -25.59	71.09 1.61 -39.94	193.07 0.82 -177.04	99.21 0.74 -84.12
INDIAN POINT___2 23530	23.73 1.19 0.00	20.31 1.04 0.00	19.44 0.95 0.00	18.30 0.89 0.00	18.55 0.86 0.00	19.98 0.87 0.00	19.78 0.83 0.00	19.89 0.89 0.00	21.32 1.01 0.00	22.84 1.16 0.00	21.39 1.16 0.00	24.75 1.31 0.00	44.23 2.37 0.00	72.67 4.13 0.00	18.59 1.72 13.37	2.32 1.31 21.30	18.81 1.71 11.40	38.01 1.92 0.39	39.16 1.97 0.33	37.00 1.91 1.29	26.70 1.73 6.81	20.43 1.53 10.63	-26.02 0.78 42.00	-4.77 0.71 19.84
INDIAN POINT___3 23531	23.81 1.27 0.00	20.41 1.13 0.00	19.53 1.04 0.00	18.39 0.98 0.00	18.64 0.95 0.00	20.07 0.96 0.00	19.87 0.93 0.00	19.98 0.98 0.00	21.41 1.10 0.00	22.92 1.24 0.00	21.47 1.24 0.00	24.87 1.42 0.00	44.41 2.55 0.00	72.84 4.30 0.00	43.16 1.83 -11.10	41.39 1.38 -17.70	39.76 1.80 -9.47	38.83 2.03 -0.32	39.87 2.09 -0.27	39.48 2.03 -1.07	39.28 1.83 -5.66	40.00 1.63 -8.83	65.35 0.83 -49.32	38.77 0.75 -23.67
INGHAM_C_115KV_TB7 356103	22.72 0.18 0.00	19.51 0.23 0.00	18.68 0.19 0.00	17.63 0.22 0.00	17.90 0.21 0.00	19.24 0.14 0.00	19.04 0.10 0.00	19.06 0.06 0.00	20.43 0.12 0.00	22.01 0.12 -0.21	21.55 -0.04 -1.36	23.40 -0.05 0.00	41.82 -0.04 0.00	69.75 0.64 -0.58	30.53 0.30 0.00	22.65 0.33 0.00	29.11 0.62 0.00	37.29 0.81 0.00	38.43 0.91 0.00	37.30 0.92 0.00	32.70 0.91 0.00	30.34 0.80 0.00	15.59 0.38 0.00	14.63 0.28 0.00
IP CORINTH___1 23988	24.09 1.55 0.00	20.68 1.41 0.00	19.83 1.34 0.00	18.70 1.29 0.00	18.98 1.30 0.00	20.50 1.39 0.00	20.31 1.37 0.00	20.41 1.41 0.00	21.93 1.61 0.00	23.43 1.75 0.00	21.69 1.45 0.00	25.14 1.70 0.00	44.74 2.88 0.00	72.91 4.38 0.00	32.22 1.99 0.00	23.82 1.50 0.00	30.79 2.29 0.00	39.36 2.88 0.00	40.75 3.24 0.00	39.55 3.17 0.00	34.59 2.79 0.00	31.99 2.45 0.00	16.42 1.22 0.00	15.44 1.09 0.00
IP___TICONDEROGA 23804	25.08 2.53 0.00	21.45 2.18 0.00	20.55 2.06 0.00	19.38 1.97 0.00	19.67 1.99 0.00	21.25 2.14 0.00	21.11 2.16 0.00	21.22 2.23 0.00	22.87 2.56 0.00	24.40 2.72 0.00	22.62 2.39 0.00	26.34 2.89 0.00	46.89 5.03 0.00	76.27 7.73 0.00	33.68 3.45 0.00	24.93 2.61 0.00	32.26 3.76 0.00	41.35 4.87 0.00	42.75 5.24 0.00	41.48 5.10 0.00	36.24 4.45 0.00	33.46 3.92 0.00	17.13 1.93 0.00	16.07 1.72 0.00

ISLIP_RES_REC 323679	55.22 2.55 -30.13	25.30 2.25 -3.78	20.60 2.10 -0.01	19.41 1.99 -0.01	19.67 1.99 0.00	21.13 2.02 0.00	20.71 1.77 0.00	20.60 1.60 0.00	22.17 1.85 0.00	23.71 2.04 0.00	27.91 2.19 -5.48	30.86 2.51 -4.91	46.06 4.20 0.00	76.79 6.75 -1.50	42.93 3.12 -9.57	39.93 2.36 -15.26	137.48 3.15 -105.84	77.59 3.47 -37.64	51.66 3.69 -10.45	40.96 3.65 -0.93	39.91 3.23 -4.89	40.04 2.88 -7.61	62.28 1.43 -45.65	37.52 1.19 -21.97
JAMAICA__27_KV_LOAD 355505	24.06 1.52 0.00	20.66 1.39 0.00	19.80 1.31 0.00	18.65 1.24 0.00	18.89 1.20 0.00	20.29 1.18 0.00	20.11 1.16 0.00	20.20 1.21 0.00	21.66 1.34 0.00	23.19 1.52 0.00	21.69 1.45 0.00	25.12 1.67 0.00	44.88 3.02 0.00	73.57 5.03 0.00	41.93 2.04 -9.66	39.29 1.56 -15.41	38.73 1.99 -8.24	38.96 2.20 -0.28	40.05 2.30 -0.24	39.61 2.30 -0.93	38.80 2.08 -4.93	39.18 1.95 -7.69	62.16 1.04 -45.92	37.34 0.89 -22.09
JANIS__SOLAR 323808	28.59 0.40 -5.65	22.12 0.31 -2.53	27.55 0.24 -8.82	33.35 0.22 -15.72	27.52 0.23 -9.60	19.44 0.33 0.00	19.27 0.32 0.00	19.41 0.28 -0.13	29.61 0.24 -9.05	47.39 0.11 -25.61	35.33 0.00 -15.09	23.76 0.09 -0.22	70.89 0.60 -28.43	164.07 1.40 -94.13	37.85 0.65 -6.97	24.44 0.52 -1.61	29.26 0.76 0.00	37.92 1.22 -0.22	39.57 1.17 -0.89	37.66 1.28 0.00	39.79 1.27 -6.73	37.54 1.12 -6.88	16.87 0.52 -1.15	29.39 0.46 -14.57
JARVIS____ 23743	22.65 0.12 0.00	19.38 0.10 0.00	18.59 0.09 0.00	17.52 0.11 0.00	17.78 0.10 0.00	19.18 0.08 0.00	19.02 0.08 0.00	19.08 0.08 0.00	20.40 0.09 0.00	21.99 0.10 -0.21	21.70 0.10 -1.36	23.55 0.10 0.00	42.07 0.21 -0.58	69.47 0.35 0.00	30.38 0.15 0.00	22.43 0.11 0.00	28.66 0.17 0.00	36.66 0.18 0.00	37.70 0.19 0.00	36.57 0.19 0.00	32.00 0.21 0.00	29.72 0.18 0.00	15.28 0.08 0.00	14.43 0.07 0.00
JENNISON__1 23625	24.42 0.01 -1.87	20.10 -0.01 -0.84	21.35 -0.06 -2.92	22.49 -0.09 -5.17	20.74 -0.08 -3.14	19.08 -0.03 0.00	18.93 -0.02 0.00	19.00 -0.05 -0.04	23.24 -0.08 -3.00	30.07 -0.09 -8.49	25.05 -0.17 -4.99	23.37 -0.15 -0.07	51.34 0.05 -9.43	100.09 0.37 -31.19	32.75 0.21 -2.31	23.23 0.38 -0.53	29.16 0.66 0.00	37.54 0.99 -0.07	38.88 1.07 -0.30	37.40 1.02 0.00	34.89 0.88 -2.22	32.26 0.74 -1.98	15.92 0.33 -0.38	19.51 0.32 -4.83
JENNISON__2 23626	24.42 0.01 -1.87	20.10 -0.01 -0.84	21.35 -0.06 -2.92	22.49 -0.09 -5.17	20.74 -0.08 -3.14	19.08 -0.03 0.00	18.93 -0.02 0.00	19.00 -0.05 -0.04	23.24 -0.08 -3.00	30.07 -0.09 -8.49	25.05 -0.17 -4.99	23.37 -0.15 -0.07	51.34 0.05 -9.43	100.09 0.37 -31.19	32.75 0.21 -2.31	23.23 0.38 -0.53	29.16 0.66 0.00	37.54 0.99 -0.07	38.88 1.07 -0.30	37.40 1.02 0.00	34.89 0.88 -2.22	32.26 0.74 -1.98	15.92 0.33 -0.38	19.51 0.32 -4.83
JERICHO_RISE_WT_PWR 323719	22.27 -0.27 0.00	18.99 -0.29 0.00	18.16 -0.33 0.00	17.04 -0.37 0.00	17.26 -0.43 0.00	18.63 -0.47 0.00	18.36 -0.58 0.00	18.35 -0.65 0.00	19.48 -0.83 0.00	16.70 -0.77 4.20	-7.22 -0.73 26.72	22.55 -0.90 0.00	39.95 -1.91 0.00	-24.69 -3.25 89.98	-25.07 -1.29 54.01	21.50 -0.82 0.00	27.51 -0.99 0.00	35.61 -0.87 0.00	36.85 -0.67 0.00	35.94 -0.44 0.00	31.18 -0.61 0.00	29.09 -0.45 0.00	14.95 -0.25 0.00	14.01 -0.34 0.00
KATONAH__115KV_46KV_TB4 355592	23.97 1.43 0.00	20.55 1.28 0.00	19.67 1.18 0.00	18.52 1.11 0.00	18.77 1.09 0.00	20.20 1.10 0.00	20.01 1.07 0.00	20.11 1.12 0.00	21.57 1.26 0.00	23.08 1.41 0.00	21.64 1.40 0.00	25.08 1.64 0.00	44.79 2.93 0.00	73.39 4.85 0.00	36.07 2.08 -3.75	29.86 1.56 -5.98	33.73 2.03 -3.20	38.93 2.34 -0.11	40.00 2.40 -0.09	39.08 2.34 -0.36	35.80 2.09 -1.91	34.39 1.87 -2.99	23.05 0.94 -6.91	18.31 0.82 -3.14
KCE_NY_1 323755	23.81 1.27 0.00	20.42 1.15 0.00	19.60 1.11 0.00	18.49 1.09 0.00	18.76 1.07 0.00	20.27 1.16 0.00	20.06 1.11 0.00	20.13 1.13 0.00	21.59 1.27 0.00	23.04 1.37 0.00	21.45 1.21 0.00	24.87 1.42 0.00	44.34 2.49 0.00	72.42 3.89 0.00	32.02 1.79 0.00	23.65 1.33 0.00	30.40 1.91 0.00	38.86 2.39 0.00	40.01 2.49 0.00	38.81 2.43 0.00	33.93 2.14 0.00	31.44 1.90 0.00	16.16 0.96 0.00	15.22 0.86 0.00
KCE_NY_6_ESR 323823	18.60 -0.72 3.22	17.19 -0.65 1.44	12.83 -0.65 5.02	7.76 -0.68 8.97	11.62 -0.59 5.48	18.76 -0.35 0.00	18.60 -0.35 0.00	18.54 -0.38 0.07	14.68 -0.49 5.15	6.45 -0.69 8.58	10.81 -0.84 0.13	22.38 -0.95 0.13	24.21 -1.50 16.15	12.35 -2.32 53.86	25.15 -1.12 3.96	20.64 -0.77 0.91	27.54 -0.95 0.00	35.24 -1.12 0.12	35.37 -1.64 0.51	34.82 -1.56 0.00	26.37 -1.46 3.96	20.50 -1.26 7.78	13.95 -0.60 0.66	5.64 -0.43 8.28
KEDC_PORT_JEFF_GT2 24210	56.73 2.43 -31.75	25.20 2.14 -3.78	20.52 2.01 -0.01	19.33 1.91 -0.01	19.59 1.90 0.00	21.03 1.92 0.00	20.62 1.67 0.00	20.51 1.51 0.00	22.05 1.73 0.00	23.58 1.91 0.00	27.79 2.07 -5.48	30.73 2.38 -4.91	45.86 4.01 0.00	76.42 6.39 -1.49	42.74 2.93 -9.57	39.78 2.20 -15.26	160.11 2.95 -128.66	87.54 3.22 -47.84	54.20 3.44 -13.24	40.72 3.40 -0.93	39.70 3.01 -4.89	39.85 2.69 -7.61	62.19 1.34 -45.65	37.45 1.12 -21.97
KEDC_PORT_JEFF_GT3 24211	56.73 2.43 -31.75	25.20 2.14 -3.78	20.52 2.01 -0.01	19.33 1.91 -0.01	19.59 1.90 0.00	21.03 1.92 0.00	20.62 1.67 0.00	20.51 1.51 0.00	22.05 1.73 0.00	23.58 1.91 0.00	27.79 2.07 -5.48	30.73 2.38 -4.91	45.86 4.01 0.00	76.42 6.39 -1.49	42.74 2.93 -9.57	39.78 2.20 -15.26	160.11 2.95 -128.66	87.54 3.22 -47.84	54.20 3.44 -13.24	40.72 3.40 -0.93	39.70 3.01 -4.89	39.85 2.69 -7.61	62.19 1.34 -45.65	37.45 1.12 -21.97
KEDC_GLWD_GT4 24219	48.48 1.78 -24.16	24.64 1.58 -3.78	19.95 1.46 0.00	18.79 1.38 0.00	19.04 1.36 0.00	20.48 1.37 0.00	20.23 1.28 0.00	20.29 1.29 0.00	21.79 1.47 0.00	23.31 1.63 0.00	27.43 1.71 -5.48	30.33 1.98 -4.91	45.37 3.51 0.00	75.88 5.71 -1.63	42.26 2.46 -9.57	39.43 1.86 -15.26	39.07 2.40 -8.17	39.47 2.71 -0.28	40.57 2.82 -0.24	40.07 2.77 -0.93	39.15 2.48 -4.88	39.38 2.22 -7.61	61.96 1.11 -45.65	37.29 0.96 -21.97
KEDC_GLWD_GT5 24220	48.48 1.78 -24.16	24.64 1.58 -3.78	19.95 1.46 0.00	18.79 1.38 0.00	19.04 1.36 0.00	20.48 1.37 0.00	20.23 1.28 0.00	20.29 1.29 0.00	21.79 1.47 0.00	23.31 1.63 0.00	27.43 1.71 -5.48	30.33 1.98 -4.91	45.37 3.51 0.00	75.88 5.71 -1.63	42.26 2.46 -9.57	39.43 1.86 -15.26	39.07 2.40 -8.17	39.47 2.71 -0.28	40.57 2.82 -0.24	40.07 2.77 -0.93	39.15 2.48 -4.88	39.38 2.22 -7.61	61.96 1.11 -45.65	37.29 0.96 -21.97
KENSICO____ 23655	23.93 1.39 0.00	20.53 1.25 0.00	19.64 1.15 0.00	18.50 1.09 0.00	18.75 1.07 0.00	20.18 1.08 0.00	19.98 1.04 0.00	20.08 1.09 0.00	21.53 1.22 0.00	23.04 1.36 0.00	21.60 1.36 0.00	25.02 1.57 0.00	44.67 2.82 0.00	73.19 4.66 0.00	42.65 1.98 -10.44	40.45 1.49 -16.65	39.34 1.94 -8.90	38.98 2.19 -0.31	40.04 2.27 -0.26	39.61 2.22 -1.01	39.11 1.99 -5.32	39.63 1.78 -8.31	64.18 0.91 -48.06	38.26 0.81 -23.10

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.86 1.31 0.00	20.40 1.12 0.00	19.50 1.01 0.00	18.33 0.92 0.00	18.59 0.91 0.00	20.06 0.95 0.00	19.88 0.94 0.00	19.99 0.99 0.00	21.44 1.12 0.00	22.93 1.26 0.00	21.21 0.98 0.00	24.66 1.21 0.00	43.87 2.01 0.00	71.78 3.24 0.00	31.71 1.48 0.00	23.55 1.24 0.00	30.07 1.58 0.00	38.29 1.81 0.00	39.35 1.83 0.00	38.11 1.73 0.00	33.35 1.56 0.00	30.96 1.42 0.00	16.12 0.91 0.00	15.15 0.80 0.00
KIAC_JFK_GT1 23816	23.92 1.38 0.00	20.55 1.28 0.00	19.69 1.20 0.00	18.55 1.14 0.00	18.79 1.11 0.00	20.18 1.07 0.00	19.99 1.05 0.00	20.10 1.10 0.00	21.54 1.23 0.00	23.07 1.39 0.00	21.58 1.34 0.00	24.98 1.54 0.00	44.62 2.77 0.00	73.14 4.61 0.00	41.72 1.83 -9.66	39.13 1.41 -15.41	38.50 1.76 -8.24	38.59 1.84 -0.28	39.67 1.92 -0.24	39.24 1.93 -0.93	38.48 1.75 -4.93	38.97 1.74 -7.69	62.07 0.94 -45.92	37.25 0.81 -22.09
KIAC_JFK_GT2 23817	23.92 1.38 0.00	20.55 1.28 0.00	19.69 1.20 0.00	18.55 1.14 0.00	18.79 1.11 0.00	20.18 1.07 0.00	19.99 1.05 0.00	20.10 1.10 0.00	21.54 1.23 0.00	23.07 1.39 0.00	21.58 1.34 0.00	24.98 1.54 0.00	44.62 2.77 0.00	73.14 4.61 0.00	41.72 1.83 -9.66	39.13 1.41 -15.41	38.50 1.76 -8.24	38.59 1.84 -0.28	39.67 1.92 -0.24	39.24 1.93 -0.93	38.48 1.75 -4.93	38.97 1.74 -7.69	62.07 0.94 -45.92	37.25 0.81 -22.09
KIAC_JFK____ 323774	23.93 1.38 0.00	20.55 1.28 0.00	19.70 1.21 0.00	18.56 1.15 0.00	18.79 1.11 0.00	20.18 1.07 0.00	19.99 1.05 0.00	20.10 1.10 0.00	21.55 1.24 0.00	23.09 1.41 0.00	21.59 1.35 0.00	24.98 1.54 0.00	44.63 2.77 0.00	73.19 4.65 0.00	41.72 1.82 -9.66	39.13 1.40 -15.41	38.50 1.76 -8.24	38.59 1.83 -0.28	39.68 1.93 -0.24	39.24 1.92 -0.93	38.48 1.76 -4.93	38.97 1.74 -7.69	62.07 0.94 -45.92	37.26 0.81 -22.09
KINTIGH____ 23543	19.43 -0.89 2.22	17.51 -0.77 1.00	14.31 -0.70 3.48	10.49 -0.72 6.20	13.21 -0.68 3.79	18.62 -0.49 0.00	18.45 -0.49 0.00	18.41 -0.54 0.05	16.12 -0.64 3.56	10.80 -0.82 10.06	13.39 -0.91 5.94	22.32 -1.04 0.09	28.88 -1.80 11.17	28.51 -2.85 37.18	26.13 -1.36 2.74	20.69 -0.99 0.63	27.25 -1.25 0.00	34.89 -1.51 0.09	35.29 -1.87 0.35	34.58 -1.80 0.00	27.46 -1.62 2.71	23.55 -1.50 4.49	14.05 -0.69 0.45	8.13 -0.50 5.73
KNTFSRNC_46_KV_46KV_LOAD 80397	22.57 0.03 0.00	19.29 0.02 0.00	18.42 -0.07 0.00	17.22 -0.19 0.00	17.41 -0.28 0.00	18.78 -0.33 0.00	18.39 -0.55 0.00	18.32 -0.68 0.00	19.38 -0.93 4.25	16.66 -0.76 27.06	-7.54 -0.72 0.00	22.50 -0.94 0.00	39.73 -2.13 0.00	-21.96 -3.75 86.75	-23.00 -1.54 51.69	21.45 -0.87 0.00	27.62 -0.88 0.00	36.00 -0.48 0.00	37.29 -0.23 0.00	36.58 0.20 0.00	31.72 -0.07 0.00	29.57 0.03 0.00	15.17 -0.03 0.00	14.18 -0.18 0.00
LACHUTE____HYDRO 323717	25.07 2.53 0.00	21.45 2.18 0.00	20.55 2.06 0.00	19.38 1.98 0.00	19.67 1.99 0.00	21.25 2.14 0.00	21.10 2.16 0.00	21.22 2.23 0.00	22.87 2.56 0.00	24.40 2.72 0.00	22.62 2.39 0.00	26.34 2.89 0.00	46.89 5.03 0.00	76.26 7.73 0.00	33.68 3.45 0.00	24.92 2.61 0.00	32.26 3.76 0.00	41.35 4.87 0.00	42.75 5.24 0.00	41.48 5.10 0.00	36.24 4.44 0.00	33.46 3.92 0.00	17.13 1.93 0.00	16.07 1.72 0.00
LAWRNCV_115KV_TB1 80681	22.50 -0.04 0.00	19.09 -0.18 0.00	18.33 -0.17 0.00	17.24 -0.17 0.00	17.51 -0.18 0.00	18.95 -0.15 0.00	18.85 -0.10 0.00	18.86 -0.14 0.00	20.09 -0.22 0.00	17.81 -0.28 3.59	-3.07 -0.44 22.86	23.16 -0.29 0.00	41.38 -0.48 0.00	66.72 -0.72 1.10	36.01 -0.13 -5.91	22.23 -0.08 0.00	28.25 -0.25 0.00	36.31 -0.17 0.00	37.45 -0.06 0.00	36.32 -0.06 0.00	31.59 -0.20 0.00	29.50 -0.04 0.00	15.12 -0.08 0.00	14.20 -0.15 0.00
LEDERLE____ 23769	23.90 1.36 0.00	20.46 1.18 0.00	19.57 1.08 0.00	18.42 1.01 0.00	18.67 0.99 0.00	20.11 1.01 0.00	19.92 0.98 0.00	20.04 1.04 0.00	21.48 1.16 0.00	23.01 1.33 0.00	21.55 1.32 0.00	24.97 1.52 0.00	44.61 2.75 0.00	73.28 4.74 0.00	25.34 2.03 6.92	12.81 1.53 11.04	24.58 1.99 5.90	38.54 2.26 0.20	39.66 2.32 0.17	37.95 2.24 0.67	30.28 2.01 3.53	25.82 1.79 5.51	-4.80 0.91 20.91	5.32 0.82 9.85
LIGHTHSE_115KV_TB6 355974	22.42 -0.13 0.00	18.93 -0.34 0.00	18.16 -0.34 0.00	17.12 -0.29 0.00	17.30 -0.38 0.00	18.72 -0.39 0.00	18.58 -0.36 0.00	18.60 -0.40 0.00	19.87 -0.44 0.00	20.83 -0.53 0.31	17.68 -0.55 2.00	22.91 -0.53 0.00	41.26 -0.60 0.00	66.68 -1.01 0.85	29.76 -0.47 0.00	21.91 -0.41 0.00	27.97 -0.52 0.00	35.92 -0.55 0.00	37.20 -0.31 0.00	36.21 -0.17 0.00	31.57 -0.22 0.00	29.38 -0.16 0.00	14.97 -0.23 0.00	14.11 -0.25 0.00
LINDEN COGEN____ 23786	23.93 1.39 0.00	20.53 1.26 0.00	19.64 1.15 0.00	18.50 1.09 0.00	18.74 1.05 0.00	20.16 1.06 0.00	19.97 1.03 0.00	20.08 1.09 0.00	21.54 1.23 0.00	23.08 1.40 0.00	21.62 1.39 0.00	24.98 1.54 0.00	44.64 2.79 0.00	73.24 4.70 0.00	41.83 1.93 -9.67	39.19 1.46 -15.41	38.64 1.90 -8.25	38.83 2.07 -0.28	39.90 2.15 -0.24	39.43 2.12 -0.93	38.65 1.92 -4.93	38.96 1.73 -7.69	62.02 0.90 -45.92	37.25 0.80 -22.09
LINDHRST_69_KV_BK1 356055	49.45 2.28 -24.63	25.07 2.02 -3.78	20.35 1.86 0.00	19.16 1.75 0.00	19.45 1.76 0.00	20.88 1.77 0.00	20.53 1.59 0.00	20.51 1.52 0.00	22.03 1.72 0.00	23.56 1.88 0.00	27.74 2.02 -5.48	30.70 2.35 -4.91	45.85 4.00 0.00	76.49 6.42 -1.54	42.70 2.90 -9.57	39.80 2.22 -15.26	48.11 2.86 -16.75	42.81 3.15 -3.19	41.91 3.36 -1.03	40.67 3.36 -0.93	39.67 2.99 -4.88	39.85 2.70 -7.61	62.21 1.35 -45.65	37.46 1.14 -21.97
LIPA_MISC_IPP 23656	54.55 2.45 -29.57	25.21 2.15 -3.78	20.55 2.04 -0.01	19.36 1.94 -0.01	19.62 1.93 0.00	21.07 1.96 0.00	20.62 1.67 0.00	20.44 1.45 0.00	22.00 1.68 0.00	23.50 1.82 0.00	27.69 1.97 -5.48	30.64 2.28 -4.91	45.62 3.76 0.00	75.91 5.88 -1.49	42.53 2.72 -9.57	39.64 2.06 -15.26	138.07 2.79 -106.78	73.68 3.05 -34.15	50.28 3.27 -9.50	40.57 3.25 -0.93	39.56 2.88 -4.89	39.71 2.55 -7.61	62.11 1.26 -45.65	37.36 1.03 -21.97
LISF____SOLAR 323691	54.87 2.50 -29.83	25.25 2.20 -3.78	20.59 2.08 -0.01	19.39 1.98 -0.01	19.65 1.97 0.00	21.11 2.00 0.00	20.65 1.71 0.00	20.48 1.48 0.00	22.04 1.73 0.00	23.56 1.88 0.00	27.75 2.03 -5.48	30.68 2.33 -4.91	45.69 3.83 0.00	76.11 6.08 -1.49	42.56 2.76 -9.57	39.69 2.11 -15.26	140.15 2.87 -108.78	75.45 3.16 -35.81	50.85 3.37 -9.96	40.67 3.36 -0.93	39.65 2.97 -4.89	39.79 2.63 -7.61	62.15 1.30 -45.65	37.40 1.08 -21.97
LITTLE FALLS____HYD 24013	22.72 0.18 0.00	19.51 0.23 0.00	18.68 0.19 0.00	17.63 0.22 0.00	17.90 0.21 0.00	19.24 0.14 0.00	19.04 0.10 0.00	19.06 0.06 0.00	20.43 0.12 0.00	22.01 0.12 -0.21	21.55 -0.04 -1.36	23.40 -0.05 0.00	41.82 -0.04 0.00	69.75 0.64 -0.58	30.53 0.30 0.00	22.65 0.33 0.00	29.11 0.62 0.00	37.29 0.81 0.00	38.43 0.91 0.00	37.30 0.92 0.00	32.70 0.91 0.00	30.34 0.80 0.00	15.59 0.38 0.00	14.63 0.28 0.00

LITTLRIV_115KV_TB1 356100	22.73 0.19 0.00	19.29 0.01 0.00	18.51 0.02 0.00	17.42 0.01 0.00	17.70 0.01 0.00	19.17 0.07 0.00	19.09 0.14 0.00	19.08 0.09 0.00	20.27 -0.05 0.00	18.04 -0.12 3.51	-2.44 -0.32 22.35	23.31 -0.13 0.00	41.78 -0.08 0.00	68.76 0.18 -0.04	37.08 0.30 -6.55	22.55 0.24 0.00	28.64 0.14 0.00	36.76 0.28 0.00	37.97 0.46 0.00	36.79 0.41 0.00	31.95 0.16 0.00	29.86 0.32 0.00	15.30 0.10 0.00	14.37 0.02 0.00
LI_NEWBRDGE___DRP 323616	48.51 1.81 -24.16	24.67 1.62 -3.78	19.99 1.49 0.00	18.83 1.42 0.00	19.09 1.41 0.00	20.51 1.40 0.00	20.20 1.26 0.00	20.21 1.21 0.00	21.69 1.37 0.00	23.18 1.51 0.00	27.37 1.65 -5.48	30.26 1.91 -4.91	45.15 3.29 0.00	75.12 5.12 -1.46	42.08 2.28 -9.57	39.29 1.72 -15.26	38.94 2.28 -8.16	39.24 2.48 -0.28	40.39 2.64 -0.24	39.92 2.62 -0.93	39.00 2.33 -4.88	39.25 2.09 -7.61	61.91 1.05 -45.65	37.21 0.89 -21.97
LOCKPORT_115KV_TB60_63_64 80432	19.04 -0.86 2.64	17.32 -0.77 1.18	13.71 -0.67 4.11	9.37 -0.70 7.34	12.55 -0.64 4.49	18.70 -0.41 0.00	18.54 -0.41 0.00	18.41 -0.53 0.06	15.51 -0.59 4.21	9.01 -0.75 11.91	12.33 -0.88 7.03	22.31 -1.04 0.10	26.85 -1.77 13.23	21.84 -2.62 44.08	25.58 -1.41 3.25	20.53 -1.04 0.75	27.15 -1.35 0.00	34.77 -1.60 0.10	35.06 -2.04 0.41	34.41 -1.97 0.00	26.85 -1.71 3.23	22.18 -1.48 5.88	13.95 -0.72 0.54	7.12 -0.45 6.78
LOCKPORT___CC1 323769	18.93 -0.93 2.68	17.25 -0.82 1.20	13.56 -0.75 4.18	9.17 -0.77 7.47	12.43 -0.69 4.57	18.67 -0.43 0.00	18.51 -0.44 0.00	18.39 -0.55 0.06	15.37 -0.66 4.29	8.70 -0.85 12.12	12.12 -0.97 7.15	22.25 -1.09 0.10	26.55 -1.85 13.46	20.85 -2.83 44.86	25.48 -1.45 3.30	20.50 -1.06 0.76	27.12 -1.38 0.00	34.73 -1.64 0.10	34.99 -2.10 0.42	34.35 -2.03 0.00	26.72 -1.78 3.29	21.81 -1.55 6.18	13.91 -0.75 0.55	6.95 -0.51 6.90
LOCKPORT___CC2 323770	18.93 -0.93 2.68	17.25 -0.82 1.20	13.56 -0.75 4.18	9.17 -0.77 7.47	12.43 -0.69 4.57	18.67 -0.43 0.00	18.51 -0.44 0.00	18.39 -0.55 0.06	15.37 -0.66 4.29	8.70 -0.85 12.12	12.12 -0.97 7.15	22.25 -1.09 0.10	26.55 -1.85 13.46	20.85 -2.83 44.86	25.48 -1.45 3.30	20.50 -1.06 0.76	27.12 -1.38 0.00	34.73 -1.64 0.10	34.99 -2.10 0.42	34.35 -2.03 0.00	26.72 -1.78 3.29	21.81 -1.55 6.18	13.91 -0.75 0.55	6.95 -0.51 6.90
LOCKPORT___CC3 323771	18.93 -0.93 2.68	17.25 -0.82 1.20	13.56 -0.75 4.18	9.17 -0.77 7.47	12.43 -0.69 4.57	18.67 -0.43 0.00	18.51 -0.44 0.00	18.39 -0.55 0.06	15.37 -0.66 4.29	8.70 -0.85 12.12	12.12 -0.97 7.15	22.25 -1.09 0.10	26.55 -1.85 13.46	20.85 -2.83 44.86	25.48 -1.45 3.30	20.50 -1.06 0.76	27.12 -1.38 0.00	34.73 -1.64 0.10	34.99 -2.10 0.42	34.35 -2.03 0.00	26.72 -1.78 3.29	21.81 -1.55 6.18	13.91 -0.75 0.55	6.95 -0.51 6.90
LONG_LAKE_PHOENIX 24014	22.20 -0.34 0.00	18.97 -0.31 0.00	18.18 -0.31 0.00	17.12 -0.29 0.00	17.39 -0.29 0.00	18.81 -0.29 0.00	18.66 -0.29 0.00	18.72 -0.27 0.00	20.03 -0.28 0.00	21.37 -0.31 0.00	19.93 -0.30 0.00	23.11 -0.34 0.00	41.34 -0.51 0.00	67.70 -0.84 0.00	29.77 -0.46 0.00	21.99 -0.33 0.00	28.12 -0.38 0.00	36.01 -0.47 0.00	37.00 -0.52 0.00	35.92 -0.46 0.00	31.38 -0.41 0.00	29.14 -0.40 0.00	14.98 -0.22 0.00	14.19 -0.17 0.00
LOVETT___3 23632	23.77 1.23 0.00	20.36 1.09 0.00	19.48 0.99 0.00	18.34 0.93 0.00	18.59 0.90 0.00	20.02 0.91 0.00	19.82 0.88 0.00	19.93 0.93 0.00	21.36 1.04 0.00	22.87 1.20 0.00	21.43 1.20 0.00	24.82 1.37 0.00	44.34 2.48 0.00	72.80 4.27 0.00	25.06 1.80 6.97	12.58 1.37 11.10	24.33 1.78 5.94	38.28 2.00 0.20	39.39 2.05 0.17	37.70 1.99 0.67	30.03 1.79 3.55	25.59 1.59 5.54	-4.92 0.82 20.94	5.23 0.73 9.86
LOVETT___4 23642	23.77 1.23 0.00	20.36 1.09 0.00	19.48 0.99 0.00	18.34 0.93 0.00	18.59 0.90 0.00	20.02 0.91 0.00	19.82 0.88 0.00	19.93 0.93 0.00	21.36 1.04 0.00	22.87 1.20 0.00	21.43 1.20 0.00	24.82 1.37 0.00	44.34 2.48 0.00	72.80 4.27 0.00	25.06 1.80 6.97	12.58 1.37 11.10	24.33 1.78 5.94	38.28 2.00 0.20	39.39 2.05 0.17	37.70 1.99 0.67	30.03 1.79 3.55	25.59 1.59 5.54	-4.92 0.82 20.94	5.23 0.73 9.86
LOVETT___5 23593	23.77 1.23 0.00	20.36 1.09 0.00	19.48 0.99 0.00	18.34 0.93 0.00	18.59 0.90 0.00	20.02 0.91 0.00	19.82 0.88 0.00	19.93 0.93 0.00	21.36 1.04 0.00	22.87 1.20 0.00	21.43 1.20 0.00	24.82 1.37 0.00	44.34 2.48 0.00	72.80 4.27 0.00	25.06 1.80 6.97	12.58 1.37 11.10	24.33 1.78 5.94	38.28 2.00 0.20	39.39 2.05 0.17	37.70 1.99 0.67	30.03 1.79 3.55	25.59 1.59 5.54	-4.92 0.82 20.94	5.23 0.73 9.86
LOWER RAQUET___HYD 24057	22.53 -0.02 0.00	19.09 -0.18 0.00	18.33 -0.17 0.00	17.24 -0.17 0.00	17.51 -0.18 0.00	18.94 -0.16 0.00	18.84 -0.10 0.00	18.85 -0.15 0.00	20.08 -0.24 0.00	17.95 -0.29 3.44	-2.10 -0.45 21.87	23.14 -0.31 0.00	41.38 -0.47 0.00	68.93 -0.72 -1.11	37.25 -0.12 -7.14	22.24 -0.07 0.00	28.26 -0.24 0.00	36.33 -0.14 0.00	37.49 -0.02 0.00	36.38 -0.01 0.00	31.64 -0.16 0.00	29.55 0.01 0.00	15.14 -0.06 0.00	14.21 -0.15 0.00
LOWER___HUDSON 24059	23.40 0.86 0.00	20.10 0.82 0.00	19.31 0.82 0.00	18.25 0.84 0.00	18.50 0.82 0.00	19.95 0.84 0.00	19.72 0.78 0.00	19.78 0.79 0.00	21.21 0.90 0.00	22.62 0.94 0.00	21.12 0.88 0.00	24.46 1.02 0.00	43.60 1.74 0.00	71.29 2.75 0.00	31.43 1.20 0.00	23.18 0.87 0.00	29.76 1.27 0.00	38.00 1.52 0.00	39.11 1.60 0.00	37.93 1.56 0.00	33.19 1.40 0.00	30.78 1.24 0.00	15.84 0.64 0.00	14.96 0.61 0.00
LOWVILLE_115KV_TB2 356335	23.03 0.49 0.00	19.05 -0.23 0.00	18.24 -0.25 0.00	17.29 -0.12 0.00	17.43 -0.25 0.00	18.70 -0.41 0.00	18.65 -0.29 0.00	18.60 -0.39 0.00	19.82 -0.50 0.00	20.24 -0.59 0.84	14.19 -0.69 5.36	22.82 -0.63 0.00	41.31 -0.55 0.00	68.27 -0.96 -0.70	31.97 -0.30 -2.04	22.10 -0.22 0.00	28.13 -0.36 0.00	36.21 -0.27 0.00	37.72 0.21 0.00	36.88 0.50 0.00	32.20 0.41 0.00	30.15 0.60 0.00	15.13 -0.07 0.00	14.10 -0.26 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.79 1.25 0.00	20.41 1.14 0.00	19.58 1.09 0.00	18.48 1.07 0.00	18.75 1.07 0.00	20.24 1.14 0.00	20.03 1.09 0.00	20.11 1.11 0.00	21.57 1.25 0.00	23.02 1.35 0.00	21.44 1.20 0.00	24.84 1.39 0.00	44.30 2.44 0.00	72.34 3.80 0.00	31.98 1.76 0.00	23.62 1.31 0.00	30.37 1.87 0.00	38.80 2.32 0.00	39.97 2.45 0.00	38.77 2.39 0.00	33.90 2.11 0.00	31.41 1.87 0.00	16.14 0.94 0.00	15.21 0.85 0.00
LUTHERNY_35_KV_BK2 355980	23.81 1.27 0.00	20.42 1.15 0.00	19.60 1.10 0.00	18.49 1.08 0.00	18.76 1.07 0.00	20.27 1.16 0.00	20.06 1.12 0.00	20.13 1.13 0.00	21.58 1.27 0.00	23.04 1.36 0.00	21.45 1.21 0.00	24.87 1.42 0.00	44.34 2.48 0.00	72.40 3.87 0.00	32.03 1.80 0.00	23.65 1.33 0.00	30.40 1.91 0.00	38.86 2.38 0.00	40.01 2.49 0.00	38.81 2.43 0.00	33.93 2.14 0.00	31.44 1.90 0.00	16.16 0.96 0.00	15.22 0.86 0.00

LWR___OSWEGATCHIE_HYD 23850	22.79 0.25 0.00	19.10 -0.18 0.00	18.31 -0.19 0.00	17.28 -0.12 0.00	17.49 -0.20 0.00	18.85 -0.25 0.00	18.77 -0.17 0.00	18.74 -0.25 0.00	19.98 -0.34 0.00	18.96 -0.44 2.28	5.16 -0.56 14.51	23.00 -0.45 0.00	41.43 -0.43 0.00	68.75 -0.69 -0.90	34.92 -0.15 -4.85	22.19 -0.13 0.00	28.20 -0.30 0.00	36.31 -0.16 0.00	37.67 0.16 0.00	36.68 0.30 0.00	31.94 0.15 0.00	29.86 0.32 0.00	15.14 -0.06 0.00	14.16 -0.19 0.00
LYONS_FALL_HYD 23570	23.03 0.48 0.00	19.28 0.01 0.00	18.47 -0.02 0.00	17.46 0.05 0.00	17.65 -0.03 0.00	19.00 -0.11 0.00	18.90 -0.04 0.00	18.89 -0.10 0.00	20.16 -0.15 0.00	21.01 -0.19 0.47	16.95 -0.26 3.02	23.27 -0.18 0.00	41.94 0.08 0.00	69.39 0.16 -0.69	31.72 0.14 -1.36	22.42 0.10 0.00	28.56 0.07 0.00	36.72 0.24 0.00	38.03 0.52 0.00	37.08 0.70 0.00	32.40 0.61 0.00	30.23 0.69 0.00	15.30 0.10 0.00	14.32 -0.04 0.00
MADISON___COUNTY_LFGE 323628	23.05 0.51 0.00	19.64 0.36 0.00	18.82 0.33 0.00	17.73 0.32 0.00	18.00 0.31 0.00	19.45 0.35 0.00	19.30 0.35 0.00	19.33 0.33 0.00	20.66 0.35 0.00	22.02 0.35 0.00	20.51 0.27 0.00	23.84 0.39 0.00	42.81 0.95 0.00	70.37 1.83 0.00	31.04 0.81 0.00	22.91 0.60 0.00	29.22 0.73 0.00	37.51 1.03 0.00	38.57 1.05 0.00	37.44 1.06 0.00	32.79 1.00 0.00	30.46 0.92 0.00	15.59 0.39 0.00	14.67 0.32 0.00
MALONE___115KV_TB1 356076	22.53 -0.02 0.00	19.16 -0.11 0.00	18.34 -0.15 0.00	17.22 -0.19 0.00	17.46 -0.23 0.00	18.87 -0.23 0.00	18.64 -0.30 0.00	18.65 -0.34 0.00	19.84 -0.48 0.00	17.25 -0.42 4.01	-5.72 -0.45 25.50	22.92 -0.53 0.00	40.68 -1.17 0.00	101.98 -1.96 -35.40	61.31 -0.67 -31.75	21.95 -0.37 0.00	28.05 -0.45 0.00	36.26 -0.22 0.00	37.45 -0.06 0.00	36.48 0.09 0.00	31.68 -0.11 0.00	29.52 -0.02 0.00	15.16 -0.05 0.00	14.19 -0.17 0.00
MAPLEWOD_115KV_TB3 80458	23.26 0.72 0.00	19.98 0.71 0.00	19.17 0.68 0.00	18.13 0.72 0.00	18.39 0.71 0.00	19.78 0.68 0.00	19.58 0.64 0.00	19.65 0.65 0.00	21.06 0.75 0.00	22.46 0.78 0.00	20.99 0.75 0.00	24.31 0.86 0.00	43.38 1.52 0.00	70.99 2.46 0.00	31.31 1.08 0.00	23.11 0.80 0.00	29.62 1.13 0.00	37.78 1.30 0.00	38.87 1.36 0.00	37.67 1.29 0.00	32.96 1.17 0.00	30.57 1.03 0.00	15.74 0.54 0.00	14.84 0.48 0.00
MAPLE_RIDGE_WT_1 323574	22.09 -0.45 0.00	18.71 -0.57 0.00	18.06 -0.43 0.00	16.98 -0.43 0.00	17.17 -0.51 0.00	18.41 -0.69 0.00	18.27 -0.67 0.00	18.30 -0.70 0.00	19.54 -0.77 0.00	13.47 -0.82 7.38	-27.30 -0.55 46.99	22.61 -0.83 0.00	40.32 -1.53 0.00	46.11 -2.48 19.94	29.30 -0.93 0.00	21.55 -0.76 0.00	27.52 -0.98 0.00	35.33 -1.15 0.00	36.44 -1.07 0.00	35.44 -0.95 0.00	31.13 -0.66 0.00	29.10 -0.44 0.00	14.88 -0.32 0.00	13.88 -0.48 0.00
MAPLE_RIDGE_WT_2 323611	22.09 -0.45 0.00	18.71 -0.57 0.00	18.06 -0.43 0.00	16.98 -0.43 0.00	17.17 -0.51 0.00	18.41 -0.69 0.00	18.27 -0.67 0.00	18.30 -0.70 0.00	19.54 -0.77 0.00	13.47 -0.82 7.38	-27.30 -0.55 46.99	22.61 -0.83 0.00	40.32 -1.53 0.00	46.11 -2.48 19.94	29.30 -0.93 0.00	21.55 -0.76 0.00	27.52 -0.98 0.00	35.33 -1.15 0.00	36.44 -1.07 0.00	35.44 -0.95 0.00	31.13 -0.66 0.00	29.10 -0.44 0.00	14.88 -0.32 0.00	13.88 -0.48 0.00
MARBLE_RIVER_WT_PWR 323696	22.34 -0.20 0.00	19.07 -0.20 0.00	18.24 -0.25 0.00	17.08 -0.32 0.00	17.29 -0.40 0.00	18.65 -0.46 0.00	18.35 -0.60 0.00	18.31 -0.69 0.00	19.42 -0.89 0.00	16.59 -0.81 4.28	-7.78 -0.78 27.23	22.49 -0.96 0.00	39.81 -2.05 0.00	-20.01 -3.47 85.07	-21.68 -1.42 50.49	21.43 -0.88 0.00	27.49 -1.01 0.00	35.64 -0.84 0.00	36.88 -0.63 0.00	36.03 -0.35 0.00	31.29 -0.50 0.00	29.20 -0.34 0.00	15.00 -0.20 0.00	14.06 -0.30 0.00
MARSHVLE_115KV_TB1 80742	23.84 1.30 0.00	20.28 1.01 0.00	19.42 0.93 0.00	18.21 0.80 0.00	18.51 0.83 0.00	20.03 0.92 0.00	19.88 0.93 0.00	19.86 0.86 0.00	21.13 0.81 0.00	22.67 0.99 0.00	21.01 0.77 0.00	24.34 0.89 0.00	43.41 1.55 0.00	71.60 3.06 0.00	31.91 1.67 0.00	23.69 1.37 0.00	30.20 1.70 0.00	38.81 2.33 0.00	40.03 2.52 0.00	38.84 2.46 0.00	33.97 2.18 0.00	31.58 2.04 0.00	16.19 0.99 0.00	15.29 0.93 0.00
MARSH_HILL_WT_PWR 323713	14.26 -1.39 6.89	15.05 -1.14 3.09	6.40 -1.33 10.76	-2.99 -1.20 19.19	4.80 -1.14 11.75	17.91 -1.19 0.00	17.72 -1.22 0.00	17.76 -1.08 0.16	8.04 -1.25 11.03	-10.84 -1.17 31.34	0.69 -1.13 18.42	21.55 -1.63 0.27	4.26 -2.96 34.64	-47.76 -3.15 113.15	19.79 -1.94 8.49	19.02 -1.34 1.96	26.82 -1.67 0.00	34.40 -1.81 0.27	34.55 -1.88 1.09	34.55 -1.83 0.00	22.76 -1.42 7.61	35.62 -1.33 -7.40	13.01 -0.78 1.41	-4.24 -0.84 17.75
MCINTYRE_115KV_TB2 80467	22.80 0.25 0.00	19.37 0.09 0.00	18.60 0.10 0.00	17.50 0.09 0.00	17.79 0.10 0.00	19.29 0.18 0.00	19.20 0.26 0.00	19.19 0.19 0.00	20.32 0.01 0.00	17.96 -0.08 3.63	-3.19 -0.31 23.12	23.35 -0.10 0.00	41.87 0.01 0.00	67.37 0.51 1.68	36.29 0.47 -5.59	22.67 0.35 0.00	28.80 0.31 0.00	36.91 0.43 0.00	38.14 0.62 0.00	36.93 0.55 0.00	32.05 0.26 0.00	29.95 0.41 0.00	15.36 0.16 0.00	14.43 0.07 0.00
MECO____69_KV_BK1 80468	25.24 2.70 0.00	21.40 2.12 0.00	20.42 1.92 0.00	19.13 1.72 0.00	19.43 1.74 0.00	21.05 1.95 0.00	20.90 1.96 0.00	20.85 1.85 0.00	22.30 1.99 0.00	23.69 2.02 0.00	21.64 1.40 0.00	24.97 1.52 0.00	44.24 2.39 0.00	73.65 5.11 0.00	33.51 3.28 0.00	25.16 2.84 0.00	32.32 3.82 0.00	41.51 5.03 0.00	42.66 5.15 0.00	41.42 5.04 0.00	36.21 4.42 0.00	33.68 4.14 0.00	17.20 2.00 0.00	16.16 1.80 0.00
MENANDS__115KV_TB5 355628	23.12 0.58 0.00	19.88 0.60 0.00	19.07 0.58 0.00	18.05 0.64 0.00	18.31 0.62 0.00	19.67 0.56 0.00	19.47 0.52 0.00	19.55 0.55 0.00	20.94 0.62 0.00	22.32 0.65 0.00	20.87 0.63 0.00	24.17 0.72 0.00	43.13 1.27 0.00	70.57 2.04 0.00	31.10 0.87 0.00	22.95 0.63 0.00	29.41 0.91 0.00	37.50 1.03 0.00	38.59 1.08 0.00	37.40 1.02 0.00	32.73 0.94 0.00	30.36 0.82 0.00	15.64 0.44 0.00	14.75 0.39 0.00
MG INDUSTRY___DRP 24185	23.11 0.57 0.00	19.86 0.58 0.00	19.06 0.57 0.00	18.02 0.61 0.00	18.28 0.60 0.00	19.67 0.56 0.00	19.47 0.52 0.00	19.55 0.55 0.00	20.95 0.63 0.00	22.32 0.64 0.00	20.76 0.53 0.00	24.04 0.59 0.00	43.02 1.16 0.00	70.46 1.92 0.00	31.04 0.82 0.00	22.94 0.62 0.00	29.42 0.93 0.00	37.55 1.07 0.00	38.63 1.12 0.00	37.47 1.09 0.00	32.77 0.98 0.00	30.40 0.86 0.00	15.64 0.44 0.00	14.76 0.40 0.00
MID___OSWEGATCHIE_HYD 23849	22.79 0.25 0.00	19.10 -0.18 0.00	18.31 -0.19 0.00	17.28 -0.12 0.00	17.49 -0.20 0.00	18.85 -0.25 0.00	18.77 -0.17 0.00	18.74 -0.25 0.00	19.98 -0.34 0.00	18.96 -0.44 2.28	5.16 -0.56 14.51	23.00 -0.45 0.00	41.43 -0.43 0.00	68.75 -0.69 -0.90	34.92 -0.15 -4.85	22.19 -0.13 0.00	28.20 -0.30 0.00	36.31 -0.16 0.00	37.67 0.16 0.00	36.68 0.30 0.00	31.94 0.15 0.00	29.86 0.32 0.00	15.14 -0.06 0.00	14.16 -0.19 0.00

MID___RAQUETTE_HYD 23851	22.52 -0.02 0.00	19.09 -0.18 0.00	18.32 -0.17 0.00	17.24 -0.17 0.00	17.51 -0.18 0.00	18.94 -0.16 0.00	18.84 -0.10 0.00	18.85 -0.15 0.00	20.08 -0.24 0.00	17.95 -0.29 3.44	-2.10 -0.45 21.87	23.14 -0.31 0.00	41.38 -0.48 0.00	68.93 -0.72 -1.11	37.25 -0.12 -7.14	22.24 -0.07 0.00	28.26 -0.24 0.00	36.33 -0.14 0.00	37.49 -0.02 0.00	36.38 -0.01 0.00	31.63 -0.16 0.00	29.55 0.01 0.00	15.14 -0.07 0.00	14.21 -0.15 0.00
MILLIKEN___1 23584	29.11 0.17 -6.40	22.29 0.14 -2.87	28.60 0.11 -9.99	35.33 0.10 -17.82	28.70 0.11 -10.90	19.28 0.17 0.00	19.10 0.16 0.00	19.31 0.16 -0.15	30.72 0.15 -10.26	50.82 0.13 -29.01	37.41 0.07 -17.11	23.87 0.17 -0.25	74.55 0.49 -32.21	176.09 0.92 -106.63	38.47 0.34 -7.90	24.39 0.25 -1.82	28.88 0.38 0.00	37.33 0.61 -0.25	39.06 0.54 -1.01	37.03 0.65 0.00	40.04 0.62 -7.62	37.87 0.53 -7.80	16.76 0.25 -1.31	31.09 0.23 -16.50
MILLIKEN___2 23585	29.11 0.17 -6.40	22.29 0.14 -2.87	28.60 0.11 -9.99	35.33 0.10 -17.82	28.70 0.11 -10.90	19.28 0.17 0.00	19.10 0.16 0.00	19.31 0.16 -0.15	30.72 0.15 -10.26	50.82 0.13 -29.01	37.41 0.07 -17.11	23.87 0.17 -0.25	74.55 0.49 -32.21	176.09 0.92 -106.63	38.47 0.34 -7.90	24.39 0.25 -1.82	28.88 0.38 0.00	37.33 0.61 -0.25	39.06 0.54 -1.01	37.03 0.65 0.00	40.04 0.62 -7.62	37.87 0.53 -7.80	16.76 0.25 -1.31	31.09 0.23 -16.50
MILLIKEN___DIESEL 23629	29.11 0.17 -6.40	22.29 0.14 -2.87	28.60 0.11 -9.99	35.33 0.10 -17.82	28.70 0.11 -10.90	19.28 0.17 0.00	19.10 0.16 0.00	19.31 0.16 -0.15	30.72 0.15 -10.26	50.82 0.13 -29.01	37.41 0.07 -17.11	23.87 0.17 -0.25	74.55 0.49 -32.21	176.09 0.92 -106.63	38.47 0.34 -7.90	24.39 0.25 -1.82	28.88 0.38 0.00	37.33 0.61 -0.25	39.06 0.54 -1.01	37.03 0.65 0.00	40.04 0.62 -7.62	37.87 0.53 -7.80	16.76 0.25 -1.31	31.09 0.23 -16.50
MILLSEAT___LFGE 323607	19.58 -0.50 2.46	17.71 -0.46 1.10	14.24 -0.41 3.84	10.10 -0.45 6.86	13.13 -0.36 4.20	19.00 -0.11 0.00	18.82 -0.12 0.00	18.72 -0.22 0.06	16.12 -0.26 3.94	10.18 -0.37 11.13	13.17 -0.50 6.57	22.85 -0.50 0.10	28.51 -0.98 12.36	26.12 -1.28 41.14	26.40 -0.80 3.03	20.97 -0.65 0.70	27.69 -0.80 0.00	35.54 -0.84 0.10	35.97 -1.15 0.39	35.33 -1.05 0.00	27.85 -0.94 3.01	23.58 -0.80 5.16	14.31 -0.39 0.50	7.80 -0.22 6.33
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.84 1.30 0.00	20.44 1.17 0.00	19.57 1.08 0.00	18.42 1.02 0.00	18.67 0.99 0.00	20.11 1.00 0.00	19.91 0.96 0.00	20.01 1.01 0.00	21.45 1.13 0.00	22.95 1.28 0.00	21.51 1.28 0.00	24.92 1.47 0.00	44.49 2.64 0.00	72.95 4.42 0.00	65.93 1.87 -33.84	77.67 1.41 -53.93	59.19 1.84 -28.86	39.54 2.08 -0.99	40.48 2.14 -0.83	41.74 2.10 -3.27	50.92 1.88 -17.25	58.15 1.68 -26.92	139.81 0.86 -123.75	74.02 0.76 -58.90
MILLWOOD_13_KV_LOAD 356217	23.91 1.37 0.00	20.50 1.22 0.00	19.62 1.13 0.00	18.47 1.06 0.00	18.72 1.03 0.00	20.16 1.05 0.00	19.96 1.02 0.00	20.06 1.06 0.00	21.50 1.19 0.00	23.02 1.34 0.00	21.57 1.34 0.00	24.99 1.54 0.00	44.63 2.77 0.00	73.17 4.64 0.00	66.02 1.96 -33.84	77.74 1.49 -53.93	59.29 1.94 -28.86	39.67 2.20 -0.99	40.62 2.27 -0.83	41.85 2.21 -3.27	51.03 1.98 -17.25	58.24 1.77 -26.92	139.85 0.90 -123.75	74.06 0.80 -58.90
MODEL_CITY_ENERGY 24167	18.72 -1.09 2.73	17.08 -0.97 1.22	13.39 -0.85 4.26	8.93 -0.87 7.61	12.25 -0.79 4.65	18.56 -0.54 0.00	18.40 -0.54 0.00	18.25 -0.68 0.06	15.16 -0.79 4.36	8.35 -1.00 12.33	11.85 -1.10 7.28	22.06 -1.28 0.11	26.05 -2.11 13.70	19.61 -3.27 45.65	25.18 -1.69 3.36	20.30 -1.24 0.77	26.87 -1.62 0.00	34.41 -1.96 0.11	34.66 -2.42 0.43	34.02 -2.36 0.00	26.40 -2.04 3.35	21.62 -1.76 6.17	13.78 -0.87 0.56	6.74 -0.59 7.02
MODERN_LFGE___ 323580	18.72 -1.09 2.73	17.08 -0.97 1.22	13.39 -0.85 4.26	8.93 -0.87 7.61	12.25 -0.79 4.65	18.56 -0.54 0.00	18.40 -0.54 0.00	18.25 -0.68 0.06	15.16 -0.79 4.36	8.35 -1.00 12.33	11.85 -1.10 7.28	22.06 -1.28 0.11	26.05 -2.11 13.70	19.61 -3.27 45.65	25.18 -1.69 3.36	20.30 -1.24 0.77	26.87 -1.62 0.00	34.41 -1.96 0.11	34.66 -2.42 0.43	34.02 -2.36 0.00	26.40 -2.04 3.35	21.62 -1.76 6.17	13.78 -0.87 0.56	6.74 -0.59 7.02
MOHAWK_PAPER___DRP 24187	23.26 0.72 0.00	19.98 0.71 0.00	19.17 0.68 0.00	18.13 0.72 0.00	18.39 0.71 0.00	19.78 0.68 0.00	19.58 0.64 0.00	19.65 0.65 0.00	21.06 0.75 0.00	22.46 0.78 0.00	20.99 0.75 0.00	24.31 0.86 0.00	43.38 1.52 0.00	70.99 2.46 0.00	31.31 1.08 0.00	23.11 0.80 0.00	29.62 1.13 0.00	37.78 1.30 0.00	38.87 1.36 0.00	37.67 1.29 0.00	32.96 1.17 0.00	30.57 1.03 0.00	15.74 0.54 0.00	14.84 0.48 0.00
MOHICAN___35_KV_115KV_LD 80490	24.18 1.63 0.00	20.75 1.47 0.00	19.89 1.40 0.00	18.76 1.36 0.00	19.05 1.37 0.00	20.57 1.46 0.00	20.38 1.43 0.00	20.47 1.47 0.00	21.99 1.68 0.00	23.49 1.81 0.00	21.78 1.54 0.00	25.24 1.79 0.00	44.95 3.10 0.00	73.28 4.74 0.00	32.39 2.16 0.00	23.94 1.63 0.00	30.91 2.41 0.00	39.53 3.05 0.00	40.88 3.36 0.00	39.67 3.29 0.00	34.69 2.90 0.00	32.09 2.55 0.00	16.47 1.27 0.00	15.49 1.14 0.00
MONGAUP___HYD 23641	23.74 1.20 0.00	20.33 1.06 0.00	19.46 0.97 0.00	18.31 0.90 0.00	18.57 0.88 0.00	20.03 0.92 0.00	19.84 0.89 0.00	19.91 0.91 0.00	21.32 1.01 0.00	22.73 1.05 0.00	21.32 1.08 0.00	24.56 1.11 0.00	44.05 2.19 0.00	72.06 3.52 0.00	27.49 1.71 4.45	16.52 1.31 7.10	26.07 1.36 3.80	37.62 1.28 0.13	38.38 0.98 0.11	36.93 0.98 0.43	30.73 1.21 2.27	27.43 1.43 3.54	2.36 0.78 13.62	8.66 0.73 6.43
MONTAUK___DIESEL 23721	55.36 3.13 -29.68	25.73 2.68 -3.78	21.00 2.50 -0.01	19.82 2.40 -0.01	19.99 2.31 0.00	21.50 2.39 0.00	21.05 2.10 0.00	20.82 1.82 0.00	22.48 2.16 0.00	24.01 2.34 0.00	27.91 2.19 -5.48	30.90 2.55 -4.91	45.82 3.97 0.00	76.11 6.08 -1.49	42.59 2.79 -9.57	39.70 2.12 -15.26	139.05 2.87 -107.68	74.53 3.20 -34.85	50.58 3.37 -9.69	40.63 3.31 -0.93	39.57 2.89 -4.89	39.60 2.44 -7.61	62.07 1.21 -45.65	37.25 0.93 -21.97
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.68 -1.30 3.56	16.49 -1.20 1.59	11.75 -1.18 5.56	6.45 -1.05 9.91	10.58 -1.03 6.07	18.15 -0.95 0.00	18.08 -0.86 0.00	18.04 -0.87 0.08	13.56 -1.06 5.70	4.38 -1.21 16.08	9.34 -1.40 9.50	21.73 -1.58 0.14	21.51 -2.46 17.88	5.59 -3.48 59.46	24.54 -1.31 4.39	20.56 -0.74 1.01	27.90 -0.60 0.00	34.78 -1.56 0.14	34.61 -2.34 0.56	34.15 -2.23 0.00	25.45 -2.01 4.33	20.99 -1.62 6.93	13.75 -0.73 0.73	4.53 -0.66 9.16
MORTIMER_115KV_TB3 55949	20.37 -0.43 1.74	18.11 -0.39 0.78	15.41 -0.37 2.72	12.16 -0.39 4.85	14.36 -0.35 2.97	18.91 -0.19 0.00	18.74 -0.20 0.00	18.71 -0.25 0.04	17.25 -0.28 2.78	13.45 -0.35 7.88	15.18 -0.41 4.65	22.91 -0.47 0.07	32.30 -0.80 8.75	38.40 -1.20 28.93	27.48 -0.61 2.14	21.36 -0.46 0.49	27.96 -0.54 0.00	35.86 -0.55 0.07	36.47 -0.77 0.27	35.67 -0.71 0.00	29.04 -0.70 2.06	27.02 -0.69 1.84	14.53 -0.32 0.35	9.66 -0.21 4.48

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.02 1.48 0.00	20.61 1.34 0.00	19.72 1.23 0.00	18.57 1.16 0.00	18.82 1.13 0.00	20.25 1.14 0.00	20.06 1.11 0.00	20.16 1.17 0.00	21.62 1.30 0.00	23.14 1.46 0.00	21.69 1.46 0.00	25.12 1.67 0.00	44.84 2.99 0.00	73.48 4.94 0.00	41.98 2.08 -9.66	39.29 1.57 -15.40	38.78 2.04 -8.24	39.05 2.29 -0.28	40.11 2.36 -0.24	39.64 2.32 -0.93	38.80 2.09 -4.93	39.11 1.88 -7.69	62.08 0.97 -45.91	37.30 0.86 -22.09
MUNSVILLE_WIND_PWR 323609	27.02 0.73 -3.75	21.51 0.56 -1.68	24.80 0.45 -5.86	28.25 0.42 -10.42	24.48 0.43 -6.36	19.68 0.57 0.00	19.51 0.56 0.00	19.59 0.50 -0.09	26.83 0.50 -6.02	39.04 0.35 -17.02	30.52 0.26 -10.02	23.99 0.39 -0.15	61.91 1.16 -18.89	133.42 2.32 -62.56	36.02 1.16 -4.63	24.48 1.10 -1.07	30.01 1.52 0.00	38.84 2.22 -0.15	40.34 2.24 -0.59	38.56 2.18 0.00	38.32 2.06 -4.47	35.98 1.82 -4.62	16.81 0.84 -0.77	24.84 0.80 -9.68
N SALMON___HYD 24042	22.53 -0.02 0.00	19.17 -0.11 0.00	18.34 -0.15 0.00	17.22 -0.19 0.00	17.46 -0.23 0.00	18.87 -0.23 0.00	18.64 -0.30 0.00	18.65 -0.34 0.00	19.85 -0.47 0.00	17.25 -0.42 4.01	-5.72 -0.45 25.50	22.92 -0.52 0.00	40.69 -1.17 0.00	101.96 -1.98 -35.40	61.31 -0.67 -31.75	21.95 -0.37 0.00	28.05 -0.45 0.00	36.26 -0.22 0.00	37.46 -0.06 0.00	36.48 0.09 0.00	31.68 -0.11 0.00	29.52 -0.01 0.00	15.16 -0.05 0.00	14.19 -0.17 0.00
N.AKRON___115KV_KNAPP 355671	19.46 -0.55 2.53	17.63 -0.51 1.13	14.11 -0.43 3.95	9.89 -0.48 7.04	12.96 -0.41 4.31	18.94 -0.16 0.00	18.77 -0.17 0.00	18.66 -0.28 0.06	15.98 -0.29 4.05	9.83 -0.40 11.44	12.94 -0.54 6.75	22.86 -0.49 0.10	28.04 -1.11 12.70	24.75 -1.49 42.30	26.19 -0.92 3.12	20.91 -0.69 0.72	27.59 -0.91 0.00	35.39 -0.99 0.10	35.78 -1.33 0.40	35.12 -1.26 0.00	27.59 -1.11 3.09	23.15 -0.95 5.44	14.23 -0.46 0.52	7.60 -0.25 6.51
N.BELMOR_69_KV_BK1 55787	48.70 1.99 -24.16	24.81 1.76 -3.78	20.11 1.62 0.00	18.94 1.53 0.00	19.21 1.52 0.00	20.64 1.53 0.00	20.34 1.39 0.00	20.35 1.36 0.00	21.85 1.54 0.00	23.37 1.69 0.00	27.54 1.82 -5.48	30.46 2.11 -4.91	45.55 3.69 0.00	75.98 5.76 -1.68	42.37 2.57 -9.57	39.55 1.98 -15.26	39.21 2.55 -8.16	39.60 2.84 -0.28	40.74 3.00 -0.24	40.26 2.96 -0.93	39.32 2.65 -4.88	39.54 2.38 -7.61	62.05 1.20 -45.65	37.33 1.01 -21.97
N.E._GEN_SANDY PD 24062	22.88 0.92 0.58	20.18 0.90 0.00	19.38 0.89 0.00	19.24 0.89 -0.94	18.73 0.87 -0.17	20.95 0.88 -0.96	19.76 0.81 0.00	19.83 0.83 0.00	21.30 0.94 -0.04	23.02 1.01 -0.33	21.51 1.00 -0.28	25.22 1.14 -0.64	43.81 1.95 0.00	71.65 3.11 0.00	33.28 1.28 -1.77	25.58 0.92 -2.34	31.13 1.32 -1.31	37.06 1.55 0.97	39.05 1.61 0.08	38.08 1.55 -0.14	33.96 1.41 -0.75	31.96 1.26 -1.17	20.39 0.64 -4.55	17.12 0.62 -2.15
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.82 1.28 0.00	20.40 1.12 0.00	19.52 1.02 0.00	18.37 0.96 0.00	18.61 0.93 0.00	20.05 0.94 0.00	19.85 0.91 0.00	19.97 0.97 0.00	21.40 1.09 0.00	22.92 1.24 0.00	21.47 1.24 0.00	24.87 1.43 0.00	44.44 2.58 0.00	72.99 4.45 0.00	25.17 1.89 6.95	12.67 1.43 11.07	24.43 1.85 5.92	38.38 2.11 0.20	39.50 2.15 0.17	37.80 2.09 0.67	30.13 1.88 3.54	25.68 1.66 5.53	-4.87 0.85 20.92	5.26 0.76 9.86
N.QUEENS_27_KV_LOAD 356247	24.16 1.62 0.00	20.72 1.45 0.00	19.79 1.29 0.00	18.64 1.23 0.00	18.88 1.20 0.00	20.28 1.17 0.00	20.16 1.21 0.00	20.21 1.21 0.00	21.70 1.39 0.00	23.22 1.54 0.00	21.75 1.52 0.00	25.19 1.74 0.00	44.98 3.13 0.00	73.73 5.19 0.00	42.04 2.14 -9.67	39.32 1.60 -15.41	38.80 2.06 -8.24	39.10 2.34 -0.28	40.16 2.41 -0.24	39.72 2.40 -0.93	38.88 2.16 -4.93	39.21 1.98 -7.69	62.16 1.04 -45.91	37.38 0.94 -22.09
N.TROY___115KV_TB1 355778	23.40 0.86 0.00	20.10 0.82 0.00	19.31 0.81 0.00	18.24 0.83 0.00	18.50 0.82 0.00	19.95 0.84 0.00	19.72 0.78 0.00	19.78 0.79 0.00	21.21 0.90 0.00	22.62 0.94 0.00	21.11 0.88 0.00	24.47 1.02 0.00	43.60 1.75 0.00	71.27 2.73 0.00	31.43 1.20 0.00	23.18 0.86 0.00	29.76 1.27 0.00	38.00 1.52 0.00	39.11 1.60 0.00	37.94 1.56 0.00	33.19 1.40 0.00	30.79 1.25 0.00	15.84 0.64 0.00	14.95 0.60 0.00
NARROWS_GT1_1 24228	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
NARROWS_GT1_2 24229	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
NARROWS_GT1_3 24230	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
NARROWS_GT1_4 24231	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
NARROWS_GT1_5 24232	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
NARROWS_GT1_6 24233	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09

NARROWS_GT1_7 24234	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
NARROWS_GT1_8 24235	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
NARROWS_GT2_1 24236	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
NARROWS_GT2_2 24237	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
NARROWS_GT2_3 24238	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
NARROWS_GT2_4 24239	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
NARROWS_GT2_5 24240	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
NARROWS_GT2_6 24241	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
NARROWS_GT2_7 24242	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
NARROWS_GT2_8 24243	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.51 0.97 0.00	20.20 0.92 0.00	19.37 0.88 0.00	18.33 0.93 0.00	18.60 0.92 0.00	19.99 0.88 0.00	19.79 0.85 0.00	19.91 0.91 0.00	21.37 1.06 0.00	22.78 1.10 0.00	21.15 0.92 0.00	24.50 1.05 0.00	43.86 2.00 0.00	72.08 3.55 0.00	31.73 1.50 0.00	23.43 1.11 0.00	30.21 1.72 0.00	38.56 2.08 0.00	39.65 2.14 0.00	38.43 2.05 0.00	33.60 1.80 0.00	31.10 1.56 0.00	15.97 0.77 0.00	15.03 0.67 0.00
NCHELSEA_115KV_TR2 355582	23.94 1.40 0.00	20.53 1.25 0.00	19.65 1.15 0.00	18.50 1.09 0.00	18.75 1.07 0.00	20.20 1.09 0.00	20.00 1.06 0.00	20.10 1.11 0.00	21.56 1.24 0.00	23.06 1.38 0.00	21.59 1.36 0.00	25.05 1.60 0.00	44.73 2.88 0.00	73.28 4.74 0.00	32.30 2.07 0.00	23.88 1.56 0.00	30.53 2.04 0.00	38.85 2.37 0.00	39.94 2.42 0.00	38.72 2.34 0.00	33.88 2.08 0.00	31.40 1.86 0.00	16.15 0.94 0.00	15.19 0.83 0.00
NEG CAPITAL___MECHNVIL 23645	23.78 1.24 0.00	20.40 1.12 0.00	19.58 1.09 0.00	18.48 1.07 0.00	18.75 1.06 0.00	20.23 1.12 0.00	20.01 1.07 0.00	20.09 1.10 0.00	21.56 1.25 0.00	23.02 1.35 0.00	21.45 1.21 0.00	24.86 1.41 0.00	44.33 2.47 0.00	72.45 3.91 0.00	32.02 1.78 0.00	23.64 1.33 0.00	30.38 1.88 0.00	38.80 2.32 0.00	39.96 2.45 0.00	38.77 2.39 0.00	33.89 2.10 0.00	31.41 1.87 0.00	16.13 0.93 0.00	15.21 0.85 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.45 -0.80 1.29	18.00 -0.70 0.58	15.79 -0.69 2.01	13.13 -0.68 3.59	14.85 -0.64 2.20	18.57 -0.54 0.00	18.40 -0.54 0.00	18.40 -0.57 0.03	17.65 -0.60 2.06	15.14 -0.71 5.83	16.08 -0.72 3.44	22.61 -0.79 0.05	34.06 -1.34 6.47	45.01 -2.14 21.39	27.62 -1.03 1.59	21.17 -0.78 0.37	27.59 -0.91 0.00	35.38 -1.05 0.05	36.08 -1.23 0.20	35.22 -1.16 0.00	29.17 -1.10 1.52	27.11 -1.07 1.36	14.40 -0.54 0.26	10.59 -0.46 3.31
NEG CENTRAL___DRP 24199	20.65 -0.24 1.65	18.33 -0.20 0.74	15.68 -0.23 2.58	12.59 -0.23 4.60	14.66 -0.21 2.81	18.96 -0.14 0.00	18.79 -0.15 0.00	18.83 -0.13 0.04	17.52 -0.16 2.63	13.96 -0.23 7.49	15.59 -0.24 4.40	23.15 -0.23 0.06	33.33 -0.25 8.27	40.98 -0.36 27.20	27.92 -0.28 2.03	21.64 -0.21 0.47	28.29 -0.20 0.00	36.20 -0.22 0.06	37.02 -0.23 0.26	36.23 -0.15 0.00	29.81 -0.10 1.89	29.29 -0.16 0.09	14.77 -0.10 0.34	10.03 -0.09 4.24

NEG CENTRAL___INDECK 23768	18.17 -0.16 4.22	17.21 -0.18 1.89	11.66 -0.24 6.58	5.42 -0.25 11.74	10.33 -0.17 7.19	19.10 -0.01 0.00	18.91 -0.04 0.00	18.86 -0.04 0.10	13.28 -0.29 6.75	2.37 -0.13 19.17	8.73 -0.24 11.27	22.79 -0.50 0.16	19.83 -0.84 21.18	-1.27 -1.22 68.58	24.35 -0.68 5.20	20.76 -0.36 1.20	27.94 -0.56 0.00	35.87 -0.45 0.16	36.40 -0.45 0.66	36.38 0.00 0.00	27.25 -0.11 4.43	40.15 -0.08 -10.69	14.28 -0.06 0.86	3.43 -0.07 10.86
NEG CENTRAL___SENECA 23627	19.28 -0.28 2.98	17.70 -0.24 1.34	13.56 -0.27 4.66	8.83 -0.27 8.31	12.36 -0.23 5.09	18.95 -0.16 0.00	18.78 -0.16 0.00	18.79 -0.14 0.07	15.35 -0.19 4.77	7.84 -0.28 13.56	11.98 -0.28 7.97	23.06 -0.27 0.12	26.57 -0.30 14.99	18.87 -0.35 49.32	26.24 -0.31 3.68	21.22 -0.24 0.85	28.26 -0.23 0.00	36.08 -0.28 0.12	36.78 -0.26 0.47	36.20 -0.18 0.00	28.29 -0.07 3.43	28.85 -0.17 0.52	14.49 -0.10 0.61	6.57 -0.11 7.68
NEG CENTRAL___STATE_STREET 24147	23.08 -0.05 -0.59	19.50 -0.04 -0.27	19.36 -0.06 -0.92	19.00 -0.06 -1.65	18.64 -0.05 -1.01	19.11 0.00 0.00	18.93 -0.01 0.00	19.01 0.00 -0.01	21.28 0.00 -0.96	24.36 -0.03 -2.71	21.76 -0.08 -1.60	23.44 -0.03 -0.02	44.95 0.08 -3.02	78.70 0.12 -10.04	30.94 -0.03 -0.74	22.46 -0.03 -0.17	28.53 0.04 0.00	36.61 0.11 -0.02	37.67 0.07 -0.09	36.52 0.14 0.00	32.66 0.14 -0.73	30.87 0.07 -1.26	15.35 0.02 -0.12	15.94 0.04 -1.55
NEG MILLWOOD___DRP 24198	24.04 1.50 0.00	20.61 1.33 0.00	19.72 1.23 0.00	18.56 1.16 0.00	18.82 1.13 0.00	20.26 1.15 0.00	20.07 1.13 0.00	20.17 1.18 0.00	21.64 1.32 0.00	23.16 1.48 0.00	21.69 1.46 0.00	25.17 1.73 0.00	44.95 3.09 0.00	73.64 5.10 0.00	34.55 2.21 -2.11	27.34 1.66 -3.36	32.46 2.17 -1.80	39.07 2.53 -0.06	40.14 2.58 -0.05	39.09 2.50 -0.20	35.10 2.24 -1.07	33.20 1.99 -1.68	20.63 1.00 -4.43	17.26 0.87 -2.04
NEG NORTH_FLCN_SEA 23793	22.48 -0.06 0.00	19.25 -0.03 0.00	18.38 -0.12 0.00	17.17 -0.24 0.00	17.34 -0.34 0.00	18.68 -0.42 0.00	18.27 -0.67 0.00	18.17 -0.83 0.00	19.19 -1.13 0.00	16.46 -0.96 4.26	-7.81 -0.93 27.12	22.28 -1.17 0.00	39.28 -2.58 0.00	-21.98 -4.37 86.15	-22.91 -1.88 51.26	21.18 -1.13 0.00	27.31 -1.19 0.00	35.65 -0.83 0.00	36.97 -0.54 0.00	36.35 -0.03 0.00	31.51 -0.28 0.00	29.39 -0.15 0.00	15.09 -0.12 0.00	14.11 -0.24 0.00
NEG NORTH_KES_CHATEGAY 23792	22.33 -0.21 0.00	19.04 -0.23 0.00	18.22 -0.28 0.00	17.08 -0.33 0.00	17.30 -0.38 0.00	18.67 -0.43 0.00	18.41 -0.53 0.00	18.40 -0.60 0.00	19.53 -0.78 0.00	16.75 -0.72 4.20	-7.22 -0.73 26.73	22.55 -0.90 0.00	39.95 -1.90 0.00	-24.61 -3.25 89.89	-24.99 -1.28 53.95	21.54 -0.77 0.00	27.59 -0.91 0.00	35.72 -0.76 0.00	36.96 -0.56 0.00	36.07 -0.31 0.00	31.30 -0.49 0.00	29.19 -0.34 0.00	15.00 -0.20 0.00	14.05 -0.30 0.00
NEG NORTH___ALICE_FALLS 23915	22.57 0.03 0.00	19.29 0.02 0.00	18.42 -0.07 0.00	17.22 -0.19 0.00	17.41 -0.28 0.00	18.78 -0.33 0.00	18.39 -0.55 0.00	18.32 -0.68 0.00	19.38 -0.93 0.00	16.66 -0.76 4.25	-7.54 -0.72 27.06	22.50 -0.94 0.00	39.73 -2.13 0.00	-21.96 -3.75 86.75	-23.00 -1.54 51.69	21.45 -0.87 0.00	27.62 -0.88 0.00	36.00 -0.48 0.00	37.29 -0.23 0.00	36.58 0.20 0.00	31.72 -0.07 0.00	29.57 0.03 0.00	15.17 -0.03 0.00	14.18 -0.18 0.00
NEG NORTH___LWR_SARANAC 23913	22.57 0.03 0.00	19.29 0.02 0.00	18.42 -0.07 0.00	17.22 -0.19 0.00	17.41 -0.28 0.00	18.78 -0.33 0.00	18.39 -0.55 0.00	18.32 -0.68 0.00	19.38 -0.93 0.00	16.66 -0.76 4.25	-7.54 -0.72 27.06	22.50 -0.94 0.00	39.73 -2.13 0.00	-21.96 -3.75 86.75	-23.00 -1.54 51.69	21.45 -0.87 0.00	27.62 -0.88 0.00	36.00 -0.48 0.00	37.29 -0.23 0.00	36.58 0.20 0.00	31.72 -0.07 0.00	29.57 0.03 0.00	15.17 -0.03 0.00	14.18 -0.18 0.00
NEG NORTH___PLATTSBURG 23628	22.57 0.03 0.00	19.29 0.02 0.00	18.43 -0.07 0.00	17.22 -0.19 0.00	17.41 -0.28 0.00	18.78 -0.33 0.00	18.39 -0.55 0.00	18.32 -0.68 0.00	19.38 -0.93 0.00	16.66 -0.76 4.25	-7.54 -0.72 27.06	22.51 -0.94 0.00	39.74 -2.12 0.00	-21.97 -3.77 86.75	-23.01 -1.55 51.69	21.45 -0.87 0.00	27.62 -0.88 0.00	36.00 -0.47 0.00	37.29 -0.22 0.00	36.58 0.20 0.00	31.72 -0.07 0.00	29.57 0.03 0.00	15.17 -0.03 0.00	14.18 -0.18 0.00
NEG WEST_LEA_LOCKPORT 23791	18.96 -0.89 2.68	17.27 -0.80 1.20	13.61 -0.70 4.18	9.21 -0.74 7.46	12.44 -0.68 4.57	18.67 -0.44 0.00	18.51 -0.44 0.00	18.39 -0.55 0.06	15.41 -0.62 4.29	8.76 -0.80 12.12	12.17 -0.91 7.15	22.27 -1.08 0.10	26.55 -1.85 13.46	20.90 -2.78 44.86	25.48 -1.45 3.30	20.49 -1.06 0.76	27.12 -1.38 0.00	34.73 -1.64 0.10	35.00 -2.10 0.42	34.35 -2.03 0.00	26.73 -1.77 3.29	21.82 -1.55 6.18	13.91 -0.74 0.55	6.98 -0.48 6.90
NEG WEST___LANCASTR 23811	18.68 -0.41 3.45	17.38 -0.35 1.54	12.77 -0.34 5.38	7.44 -0.36 9.60	11.48 -0.33 5.88	18.93 -0.17 0.00	18.77 -0.17 0.00	18.76 -0.16 0.08	14.62 -0.17 5.52	5.79 -0.32 15.57	10.52 -0.51 9.20	22.70 -0.61 0.13	23.74 -0.79 17.32	9.80 -1.09 57.65	25.28 -0.70 4.25	20.84 -0.50 0.98	27.90 -0.59 0.00	35.71 -0.64 0.13	35.92 -1.05 0.54	35.40 -0.98 0.00	26.70 -0.89 4.21	21.74 -0.69 7.11	14.15 -0.35 0.70	5.30 -0.17 8.88
NEG_PENN_ALLEGHNY 23528	22.45 -0.09 0.00	19.22 -0.06 0.00	18.40 -0.09 0.00	17.32 -0.09 0.00	17.60 -0.08 0.00	19.05 -0.06 0.00	18.88 -0.07 0.00	18.97 -0.04 0.00	20.23 -0.08 0.00	21.57 -0.11 0.00	20.09 -0.15 0.00	23.35 -0.10 0.00	41.80 -0.06 0.00	68.48 -0.06 0.00	30.19 -0.04 0.00	22.33 0.02 0.00	28.60 0.11 0.00	36.65 0.17 0.00	37.60 0.08 0.00	36.54 0.16 0.00	31.89 0.09 0.00	29.62 0.08 0.00	15.24 0.04 0.00	14.37 0.01 0.00
NEG___GEN_MONROE 24207	20.46 -0.30 1.78	18.20 -0.28 0.80	15.46 -0.25 2.78	12.16 -0.29 4.96	14.40 -0.24 3.04	19.04 -0.07 0.00	18.86 -0.08 0.00	18.83 -0.13 0.04	17.33 -0.13 2.85	13.42 -0.20 8.06	15.20 -0.28 4.75	23.05 -0.33 0.07	32.35 -0.57 8.94	38.17 -0.78 29.59	27.57 -0.47 2.19	21.45 -0.36 0.51	28.09 -0.41 0.00	36.03 -0.38 0.07	36.63 -0.60 0.28	35.87 -0.51 0.00	29.17 -0.51 2.11	27.16 -0.50 1.88	14.61 -0.23 0.36	9.66 -0.11 4.58
NEPA___ENERGY 23901	18.30 -0.77 3.47	17.05 -0.67 1.55	12.40 -0.68 5.42	7.08 -0.66 9.66	11.17 -0.60 5.91	18.59 -0.51 0.00	18.45 -0.49 0.00	18.46 -0.46 0.08	14.14 -0.63 5.55	5.25 -0.76 15.66	10.07 -0.90 9.26	22.29 -1.03 0.14	22.86 -1.57 17.43	8.25 -2.27 58.02	24.98 -0.98 4.27	20.71 -0.62 0.99	27.84 -0.65 0.00	35.44 -0.90 0.13	35.61 -1.36 0.55	35.14 -1.24 0.00	26.37 -1.18 4.24	21.06 -0.98 7.50	14.04 -0.46 0.71	5.06 -0.37 8.93
NEVERSINK___HYD 23608	23.58 1.04 0.00	20.16 0.88 0.00	19.28 0.79 0.00	18.13 0.72 0.00	18.38 0.70 0.00	19.83 0.72 0.00	19.65 0.71 0.00	19.78 0.78 0.00	21.20 0.88 0.00	22.68 1.00 0.00	20.58 0.35 0.00	23.93 0.48 0.00	42.58 0.72 0.00	69.76 1.23 0.00	30.79 0.56 0.00	22.85 0.53 0.00	29.17 0.67 0.00	37.15 0.67 0.00	38.18 0.67 0.00	36.99 0.61 0.00	32.39 0.59 0.00	30.13 0.59 0.00	15.97 0.77 0.00	15.01 0.65 0.00

NEWKRMKL_115KV_TB1 55635	23.01 0.46 0.00	19.79 0.52 0.00	18.97 0.48 0.00	17.97 0.56 0.00	18.23 0.54 0.00	19.56 0.45 0.00	19.37 0.43 0.00	19.46 0.46 0.00	20.84 0.53 0.00	22.21 0.54 0.00	20.77 0.53 0.00	24.06 0.61 0.00	42.95 1.09 0.00	70.30 1.76 0.00	30.98 0.76 0.00	22.86 0.54 0.00	29.29 0.80 0.00	37.36 0.88 0.00	38.43 0.92 0.00	37.25 0.87 0.00	32.58 0.79 0.00	30.23 0.69 0.00	15.56 0.36 0.00	14.67 0.32 0.00
NEWTON___FALLS_HYD 23847	22.79 0.25 0.00	19.10 -0.18 0.00	18.31 -0.19 0.00	17.28 -0.12 0.00	17.49 -0.20 0.00	18.85 -0.25 0.00	18.77 -0.17 0.00	18.74 -0.25 0.00	19.98 -0.34 0.00	18.96 -0.44 2.28	5.16 -0.56 14.51	23.00 -0.45 0.00	41.43 -0.43 0.00	68.75 -0.69 -0.90	34.92 -0.15 -4.85	22.19 -0.13 0.00	28.20 -0.30 0.00	36.31 -0.16 0.00	37.67 0.16 0.00	36.68 0.30 0.00	31.94 0.15 0.00	29.86 0.32 0.00	15.14 -0.06 0.00	14.16 -0.19 0.00
NGRID_A1_DSASP 323792	18.53 -1.25 2.76	16.93 -1.11 1.23	13.19 -1.00 4.30	8.72 -1.01 7.68	12.04 -0.95 4.69	18.37 -0.73 0.00	18.21 -0.73 0.00	18.13 -0.81 0.06	14.99 -0.92 4.41	8.08 -1.15 12.45	11.64 -1.25 7.35	21.88 -1.47 0.11	25.58 -2.45 13.83	18.65 -3.81 46.08	24.93 -1.91 3.39	20.14 -1.40 0.78	26.65 -1.85 0.00	33.91 -2.45 0.11	34.13 -2.95 0.43	33.50 -2.88 0.00	25.91 -2.50 3.38	21.14 -2.13 6.28	13.58 -1.06 0.56	6.55 -0.72 7.09
NGRID_A2_DSASP 323793	18.53 -1.25 2.76	16.93 -1.11 1.23	13.19 -1.00 4.30	8.72 -1.01 7.68	12.04 -0.95 4.69	18.37 -0.73 0.00	18.21 -0.73 0.00	18.13 -0.81 0.06	14.99 -0.92 4.41	8.08 -1.15 12.45	11.64 -1.25 7.35	21.88 -1.47 0.11	25.58 -2.45 13.83	18.65 -3.81 46.08	24.93 -1.91 3.39	20.14 -1.40 0.78	26.65 -1.85 0.00	33.91 -2.45 0.11	34.13 -2.95 0.43	33.50 -2.88 0.00	25.91 -2.50 3.38	21.14 -2.13 6.28	13.58 -1.06 0.56	6.55 -0.72 7.09
NGRID_A4_DSASP 323807	18.53 -1.25 2.76	16.93 -1.11 1.23	13.19 -1.00 4.30	8.72 -1.01 7.68	12.04 -0.95 4.69	18.37 -0.73 0.00	18.21 -0.73 0.00	18.13 -0.81 0.06	14.99 -0.92 4.41	8.08 -1.15 12.45	11.64 -1.25 7.35	21.88 -1.47 0.11	25.58 -2.45 13.83	18.65 -3.81 46.08	24.93 -1.91 3.39	20.14 -1.40 0.78	26.65 -1.85 0.00	33.91 -2.45 0.11	34.13 -2.95 0.43	33.50 -2.88 0.00	25.91 -2.50 3.38	21.14 -2.13 6.28	13.58 -1.06 0.56	6.55 -0.72 7.09
NIAGARA_115E_LBMP 323715	18.57 -1.19 2.78	16.99 -1.05 1.24	13.24 -0.92 4.33	8.74 -0.93 7.73	12.11 -0.85 4.73	18.50 -0.61 0.00	18.34 -0.60 0.00	18.17 -0.76 0.06	15.00 -0.88 4.44	8.05 -1.09 12.54	11.63 -1.20 7.40	21.93 -1.41 0.11	25.64 -2.28 13.93	18.55 -3.57 46.42	24.98 -1.83 3.42	20.18 -1.35 0.79	26.73 -1.77 0.00	34.21 -2.16 0.11	34.44 -2.64 0.44	33.81 -2.56 0.00	26.17 -2.22 3.41	21.34 -1.89 6.30	13.69 -0.94 0.57	6.56 -0.65 7.14
NIAGARA_115W_LBMP 323714	18.51 -1.29 2.75	16.91 -1.14 1.23	13.18 -1.03 4.29	8.72 -1.03 7.65	12.03 -0.98 4.68	18.33 -0.77 0.00	18.17 -0.77 0.00	18.10 -0.84 0.06	14.97 -0.96 4.39	8.09 -1.18 12.41	11.63 -1.28 7.33	21.83 -1.51 0.11	25.55 -2.52 13.78	18.71 -3.90 45.93	24.89 -1.96 3.38	20.10 -1.44 0.78	26.59 -1.91 0.00	33.82 -2.55 0.11	34.04 -3.04 0.43	33.41 -2.97 0.00	25.86 -2.57 3.37	21.11 -2.18 6.25	13.56 -1.09 0.56	6.55 -0.74 7.06
NIAGARA_230_LBMP 323716	18.72 -1.15 2.67	17.09 -0.99 1.20	13.41 -0.91 4.17	9.03 -0.94 7.45	12.27 -0.86 4.55	18.47 -0.63 0.00	18.31 -0.63 0.00	18.24 -0.70 0.06	15.18 -0.87 4.27	8.50 -1.10 12.07	11.92 -1.19 7.13	22.03 -1.31 0.10	26.15 -2.29 13.41	20.19 -3.66 44.69	25.22 -1.72 3.29	20.29 -1.26 0.76	26.86 -1.64 0.00	34.35 -2.02 0.10	34.62 -2.48 0.42	33.99 -2.39 0.00	26.37 -2.15 3.28	21.60 -1.93 6.01	13.76 -0.90 0.54	6.82 -0.67 6.87
NIAGARA___115KV_198_GIBSON 55903	18.54 -1.25 2.75	16.94 -1.11 1.23	13.23 -0.97 4.28	8.79 -0.98 7.64	12.05 -0.95 4.68	18.33 -0.77 0.00	18.17 -0.77 0.00	18.10 -0.84 0.06	15.02 -0.90 4.39	8.14 -1.13 12.41	11.68 -1.23 7.32	21.85 -1.50 0.11	25.56 -2.51 13.78	18.76 -3.85 45.93	24.88 -1.97 3.38	20.09 -1.44 0.78	26.59 -1.91 0.00	33.81 -2.56 0.11	34.05 -3.04 0.43	33.41 -2.97 0.00	25.88 -2.55 3.37	21.13 -2.16 6.25	13.56 -1.09 0.56	6.57 -0.72 7.06
NIAGARA____ 23760	18.69 -1.15 2.71	17.08 -0.99 1.21	13.35 -0.91 4.23	8.92 -0.94 7.56	12.21 -0.86 4.61	18.47 -0.63 0.00	18.31 -0.63 0.00	18.23 -0.70 0.06	15.15 -0.87 4.30	8.41 -1.10 12.16	11.85 -1.19 7.20	22.03 -1.31 0.11	26.06 -2.29 13.50	19.89 -3.66 44.99	25.20 -1.72 3.31	20.29 -1.26 0.76	26.86 -1.64 0.00	34.35 -2.02 0.10	34.61 -2.48 0.43	33.99 -2.39 0.00	26.35 -2.15 3.30	21.54 -1.93 6.06	13.75 -0.90 0.55	6.74 -0.67 6.96
NINE_MILE_1 23575	21.96 -0.59 0.00	18.77 -0.50 0.00	18.00 -0.49 0.00	16.95 -0.46 0.00	17.22 -0.46 0.00	18.63 -0.47 0.00	18.47 -0.47 0.00	18.52 -0.48 0.00	19.79 -0.52 0.00	21.11 -0.57 0.00	19.68 -0.56 0.00	22.80 -0.65 0.00	40.73 -1.13 0.00	66.68 -1.86 0.00	29.34 -0.88 0.00	21.67 -0.64 0.00	27.70 -0.80 0.00	35.47 -1.01 0.00	36.44 -1.07 0.00	35.36 -1.02 0.00	30.90 -0.90 0.00	28.69 -0.85 0.00	14.77 -0.44 0.00	14.00 -0.35 0.00
NINE_MILE_2 23744	21.96 -0.58 0.00	18.78 -0.50 0.00	18.01 -0.49 0.00	16.95 -0.46 0.00	17.22 -0.46 0.00	18.64 -0.47 0.00	18.47 -0.47 0.00	18.52 -0.48 0.00	19.79 -0.52 0.00	21.11 -0.57 0.00	19.68 -0.55 0.00	22.80 -0.65 0.00	40.74 -1.12 0.00	66.68 -1.86 0.00	29.34 -0.88 0.00	21.67 -0.64 0.00	27.70 -0.79 0.00	35.47 -1.01 0.00	36.44 -1.07 0.00	35.36 -1.01 0.00	30.90 -0.90 0.00	28.69 -0.85 0.00	14.77 -0.43 0.00	14.00 -0.35 0.00
NM_CAPITAL___DRP 24208	23.06 0.52 0.00	19.83 0.55 0.00	19.03 0.53 0.00	18.01 0.60 0.00	18.27 0.58 0.00	19.62 0.51 0.00	19.42 0.48 0.00	19.50 0.50 0.00	20.90 0.58 0.00	22.27 0.59 0.00	20.82 0.58 0.00	24.11 0.66 0.00	43.01 1.15 0.00	70.39 1.86 0.00	31.02 0.79 0.00	22.89 0.57 0.00	29.33 0.84 0.00	37.41 0.93 0.00	38.48 0.97 0.00	37.30 0.92 0.00	32.64 0.85 0.00	30.28 0.74 0.00	15.60 0.40 0.00	14.71 0.36 0.00
NM_CENTRAL___DRP 24181	22.36 -0.18 0.00	19.12 -0.16 0.00	18.32 -0.17 0.00	17.25 -0.16 0.00	17.53 -0.15 0.00	18.97 -0.13 0.00	18.80 -0.14 0.00	18.86 -0.13 0.00	20.18 -0.14 0.00	21.52 -0.16 0.00	20.06 -0.17 0.00	23.27 -0.18 0.00	41.65 -0.21 0.00	68.18 -0.36 0.00	30.00 -0.23 0.00	22.16 -0.16 0.00	28.34 -0.15 0.00	36.31 -0.16 0.00	37.29 -0.22 0.00	36.21 -0.18 0.00	31.63 -0.16 0.00	29.34 -0.20 0.00	15.09 -0.11 0.00	14.29 -0.07 0.00
NM_FRONTIER___DRP 24179	18.54 -1.25 2.75	16.94 -1.11 1.23	13.23 -0.97 4.28	8.79 -0.98 7.64	12.05 -0.95 4.68	18.33 -0.77 0.00	18.17 -0.77 0.00	18.10 -0.84 0.06	15.02 -0.90 4.39	8.14 -1.13 12.41	11.68 -1.23 7.32	21.85 -1.50 0.11	25.56 -2.51 13.78	18.76 -3.85 45.93	24.88 -1.97 3.38	20.09 -1.44 0.78	26.59 -1.91 0.00	33.81 -2.56 0.11	34.05 -3.04 0.43	33.41 -2.97 0.00	25.88 -2.55 3.37	21.13 -2.16 6.25	13.56 -1.09 0.56	6.57 -0.72 7.06

NM_ST_REGIS___HYD 24053	22.53 -0.01 0.00	19.12 -0.16 0.00	18.33 -0.16 0.00	17.24 -0.17 0.00	17.50 -0.19 0.00	18.93 -0.17 0.00	18.80 -0.15 0.00	18.80 -0.19 0.00	20.02 -0.30 0.00	17.81 -0.32 3.56	-2.83 -0.44 22.62	23.09 -0.35 0.00	41.21 -0.64 0.00	75.68 -1.03 -8.17	42.19 -0.25 -12.21	22.18 -0.14 0.00	28.21 -0.28 0.00	36.33 -0.15 0.00	37.51 -0.01 0.00	36.43 0.05 0.00	31.67 -0.13 0.00	29.55 0.01 0.00	15.15 -0.05 0.00	14.21 -0.15 0.00
NORTHPORT___1 23551	49.17 2.05 -24.57	24.90 1.85 -3.78	20.20 1.71 0.00	19.05 1.64 0.00	19.33 1.65 0.00	20.73 1.63 0.00	20.35 1.41 0.00	20.30 1.31 0.00	21.78 1.46 0.00	23.25 1.57 0.00	27.48 1.76 -5.48	30.43 2.07 -4.91	45.28 3.42 0.00	75.24 5.22 -1.49	42.15 2.35 -9.57	39.30 1.73 -15.26	42.38 2.26 -11.61	41.74 2.41 -2.85	41.12 2.67 -0.94	40.02 2.71 -0.93	39.07 2.40 -4.88	39.32 2.17 -7.61	61.95 1.10 -45.65	37.25 0.93 -21.97
NORTHPORT___2 23552	49.17 2.05 -24.57	24.90 1.85 -3.78	20.20 1.71 0.00	19.05 1.64 0.00	19.33 1.65 0.00	20.73 1.63 0.00	20.35 1.41 0.00	20.30 1.31 0.00	21.78 1.46 0.00	23.25 1.57 0.00	27.48 1.76 -5.48	30.43 2.07 -4.91	45.28 3.42 0.00	75.24 5.22 -1.49	42.15 2.35 -9.57	39.30 1.73 -15.26	42.38 2.26 -11.61	41.74 2.41 -2.85	41.12 2.67 -0.94	40.02 2.71 -0.93	39.07 2.40 -4.88	39.32 2.17 -7.61	61.95 1.10 -45.65	37.25 0.93 -21.97
NORTHPORT___3 23553	47.61 1.91 -23.15	24.77 1.72 -3.78	20.08 1.59 0.00	18.93 1.52 0.00	19.19 1.51 0.00	20.58 1.48 0.00	20.22 1.27 0.00	20.16 1.17 0.00	21.63 1.31 0.00	23.09 1.42 0.00	27.37 1.64 -5.48	30.30 1.95 -4.91	45.05 3.19 0.00	74.85 4.83 -1.49	41.99 2.19 -9.57	39.20 1.63 -15.26	28.66 2.39 2.23	32.85 2.43 6.06	38.56 2.55 1.50	39.79 2.49 -0.92	38.89 2.21 -4.88	39.15 1.99 -7.61	61.86 1.01 -45.65	37.17 0.85 -21.97
NORTHPORT___4 23650	47.61 1.91 -23.15	24.77 1.72 -3.78	20.08 1.59 0.00	18.93 1.52 0.00	19.19 1.51 0.00	20.58 1.48 0.00	20.22 1.27 0.00	20.16 1.17 0.00	21.63 1.31 0.00	23.09 1.42 0.00	27.37 1.64 -5.48	30.30 1.95 -4.91	45.05 3.19 0.00	74.85 4.83 -1.49	41.99 2.19 -9.57	39.20 1.63 -15.26	28.66 2.39 2.23	32.85 2.43 6.06	38.56 2.55 1.50	39.79 2.49 -0.92	38.89 2.21 -4.88	39.15 1.99 -7.61	61.86 1.01 -45.65	37.17 0.85 -21.97
NORTHPORT___IC 23718	49.16 2.04 -24.57	24.90 1.85 -3.78	20.20 1.71 0.00	19.05 1.64 0.00	19.33 1.64 0.00	20.73 1.63 0.00	20.35 1.41 0.00	20.30 1.30 0.00	21.77 1.45 0.00	23.23 1.56 0.00	27.47 1.75 -5.48	30.43 2.08 -4.91	45.27 3.42 0.00	75.13 5.11 -1.49	42.15 2.35 -9.57	39.30 1.73 -15.26	42.37 2.26 -11.61	41.74 2.41 -2.85	41.12 2.66 -0.94	40.02 2.71 -0.93	39.07 2.39 -4.88	39.32 2.16 -7.61	61.95 1.10 -45.65	37.24 0.92 -21.97
NORTH___COUNTRY_ESR 323785	22.27 -0.27 0.00	18.99 -0.29 0.00	18.16 -0.33 0.00	17.04 -0.37 0.00	17.26 -0.43 0.00	18.63 -0.47 0.00	18.36 -0.58 0.00	18.35 -0.65 0.00	19.48 -0.83 0.00	16.70 -0.77 4.20	-7.22 -0.73 26.72	22.55 -0.90 0.00	39.95 -1.91 0.00	-24.69 -3.25 89.98	-25.07 -1.29 54.01	21.50 -0.82 0.00	27.51 -0.99 0.00	35.61 -0.87 0.00	36.85 -0.67 0.00	35.94 -0.44 0.00	31.18 -0.61 0.00	29.09 -0.45 0.00	14.95 -0.25 0.00	14.01 -0.34 0.00
NPX_GEN_1385_PROXY 323591	49.12 2.00 -24.57	24.89 1.84 -3.78	20.08 1.58 0.00	19.06 1.65 0.00	19.46 1.78 0.00	20.90 1.80 0.00	20.52 1.58 0.00	20.65 1.65 0.00	22.03 1.71 0.00	23.44 1.76 0.00	27.31 1.58 -5.48	30.23 1.87 -4.91	45.16 3.30 0.00	75.00 4.98 -1.49	41.90 2.10 -9.57	38.74 1.17 -15.26	41.74 1.62 -11.61	41.12 1.80 -2.85	41.02 2.57 -0.94	40.02 2.71 -0.93	39.06 2.38 -4.88	39.32 2.16 -7.61	61.94 1.09 -45.65	37.20 0.88 -21.97
NPX_GEN_CSC 323557	54.59 2.43 -29.61	25.19 2.14 -3.78	20.57 2.06 -0.01	19.38 1.96 -0.01	19.62 1.94 0.00	21.08 1.97 0.00	20.58 1.64 0.00	20.33 1.34 0.00	21.91 1.59 0.00	23.40 1.73 0.00	27.60 1.88 -5.48	30.51 2.16 -4.91	45.39 3.54 0.00	75.63 5.60 -1.49	42.36 2.55 -9.57	39.53 1.95 -15.26	138.39 2.66 -107.23	73.78 2.88 -34.42	50.17 3.09 -9.58	40.38 3.07 -0.93	39.40 2.72 -4.89	39.55 2.39 -7.61	62.03 1.17 -45.65	37.27 0.94 -21.97
NSINS_S_GLNS_FALLS 23858	24.18 1.64 0.00	20.75 1.48 0.00	19.89 1.40 0.00	18.77 1.36 0.00	19.05 1.37 0.00	20.58 1.47 0.00	20.38 1.44 0.00	20.48 1.48 0.00	22.00 1.69 0.00	23.50 1.82 0.00	21.78 1.54 0.00	25.25 1.80 0.00	44.95 3.09 0.00	73.29 4.75 0.00	32.38 2.16 0.00	23.94 1.62 0.00	30.91 2.42 0.00	39.52 3.05 0.00	40.89 3.38 0.00	39.69 3.31 0.00	34.72 2.92 0.00	32.11 2.57 0.00	16.47 1.27 0.00	15.49 1.14 0.00
NUCOR_STEEL___DRP 24197	23.19 -0.07 -0.72	19.55 -0.05 -0.32	19.55 -0.06 -1.12	19.34 -0.07 -1.99	18.84 -0.06 -1.22	19.10 0.00 0.00	18.92 -0.02 0.00	19.00 -0.01 -0.02	21.47 0.00 -1.16	24.92 -0.03 -3.27	22.08 -0.09 -1.93	23.44 -0.04 -0.03	45.54 0.05 -3.64	80.65 0.07 -12.04	31.07 -0.05 -0.89	22.48 -0.04 -0.21	28.53 0.03 0.00	36.61 0.10 -0.03	37.67 0.04 -0.11	36.49 0.11 0.00	32.76 0.11 -0.86	30.35 0.04 -0.76	15.36 0.01 -0.15	16.25 0.03 -1.87
NUMBER_THREE_WT_PWR 323818	23.01 0.47 0.00	19.00 -0.27 0.00	18.20 -0.29 0.00	17.26 -0.15 0.00	17.39 -0.30 0.00	18.65 -0.46 0.00	18.61 -0.34 0.00	18.55 -0.44 0.00	19.76 -0.55 0.00	20.15 -0.65 0.88	13.90 -0.73 5.61	22.77 -0.68 0.00	41.23 -0.62 0.00	68.13 -1.10 -0.70	31.98 -0.36 -2.11	22.05 -0.27 0.00	28.05 -0.44 0.00	36.13 -0.35 0.00	37.64 0.12 0.00	36.81 0.43 0.00	32.14 0.35 0.00	30.11 0.57 0.00	15.09 -0.11 0.00	14.06 -0.29 0.00
NYISO_LBMP_REFERENCE 24008	22.54 0.00 0.00	19.28 0.00 0.00	18.49 0.00 0.00	17.41 0.00 0.00	17.68 0.00 0.00	19.11 0.00 0.00	18.94 0.00 0.00	19.00 0.00 0.00	20.32 0.00 0.00	21.68 0.00 0.00	20.24 0.00 0.00	23.45 0.00 0.00	41.86 0.00 0.00	68.54 0.00 0.00	30.23 0.00 0.00	22.32 0.00 0.00	28.50 0.00 0.00	36.48 0.00 0.00	37.51 0.00 0.00	36.38 0.00 0.00	31.79 0.00 0.00	29.54 0.00 0.00	15.20 0.00 0.00	14.36 0.00 0.00
NYPA_BRENTWD____GT 24164	50.03 2.35 -25.14	25.13 2.08 -3.78	20.42 1.93 0.00	19.25 1.84 0.00	19.53 1.84 0.00	20.96 1.85 0.00	20.57 1.63 0.00	20.52 1.52 0.00	22.04 1.72 0.00	23.56 1.89 0.00	27.76 2.04 -5.48	30.71 2.35 -4.91	45.83 3.97 0.00	76.32 6.28 -1.50	42.65 2.85 -9.57	39.75 2.17 -15.26	59.62 2.73 -28.39	45.62 2.75 -6.39	42.62 3.20 -1.91	40.67 3.36 -0.93	39.64 2.97 -4.88	39.83 2.67 -7.61	62.19 1.34 -45.65	37.45 1.13 -21.97
NYPA_GOWANUS____GT5 24156	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09

NYPA_GOWANUS____GT6 24157	24.11 1.57 0.00	20.68 1.41 0.00	19.77 1.28 0.00	18.61 1.20 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.77 1.54 0.00	25.20 1.76 0.00	44.97 3.11 0.00	73.77 5.23 0.00	42.11 2.21 -9.67	39.40 1.68 -15.41	38.90 2.17 -8.24	39.21 2.45 -0.28	40.28 2.53 -0.24	39.81 2.50 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.69	62.17 1.05 -45.91	37.38 0.93 -22.09
NYPA_HARLEM__RVR__GT1 24160	24.12 1.58 0.00	20.69 1.41 0.00	19.76 1.27 0.00	18.61 1.20 0.00	18.85 1.17 0.00	20.25 1.14 0.00	20.12 1.17 0.00	20.17 1.17 0.00	21.67 1.35 0.00	23.20 1.52 0.00	21.73 1.49 0.00	25.13 1.68 0.00	44.89 3.03 0.00	73.62 5.09 0.00	41.97 2.08 -9.67	39.27 1.55 -15.41	38.73 1.99 -8.24	39.01 2.25 -0.28	40.09 2.34 -0.24	39.64 2.33 -0.93	38.83 2.11 -4.93	39.16 1.93 -7.69	62.13 1.01 -45.91	37.36 0.92 -22.09
NYPA_HARLEM__RVR__GT2 24161	24.12 1.58 0.00	20.69 1.41 0.00	19.76 1.27 0.00	18.61 1.20 0.00	18.85 1.17 0.00	20.25 1.14 0.00	20.12 1.17 0.00	20.17 1.17 0.00	21.67 1.35 0.00	23.20 1.52 0.00	21.73 1.49 0.00	25.13 1.68 0.00	44.89 3.03 0.00	73.62 5.09 0.00	41.97 2.08 -9.67	39.27 1.55 -15.41	38.73 1.99 -8.24	39.01 2.25 -0.28	40.09 2.34 -0.24	39.64 2.33 -0.93	38.83 2.11 -4.93	39.16 1.93 -7.69	62.13 1.01 -45.91	37.36 0.92 -22.09
NYPA_KENT____GT 24152	24.10 1.56 0.00	20.68 1.40 0.00	19.77 1.28 0.00	18.62 1.21 0.00	18.85 1.17 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.22 1.22 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.76 1.53 0.00	25.19 1.74 0.00	44.96 3.10 0.00	73.71 5.17 0.00	42.08 2.18 -9.67	39.39 1.66 -15.41	38.87 2.13 -8.24	39.17 2.40 -0.28	40.23 2.48 -0.24	39.76 2.45 -0.93	38.93 2.21 -4.93	39.23 2.00 -7.69	62.15 1.04 -45.91	37.36 0.92 -22.09
NYPA_POUCH1____GT 24155	24.08 1.54 0.00	20.64 1.37 0.00	19.74 1.25 0.00	18.58 1.17 0.00	18.81 1.13 0.00	20.24 1.13 0.00	20.07 1.13 0.00	20.16 1.17 0.00	21.64 1.33 0.00	23.18 1.50 0.00	21.72 1.48 0.00	25.14 1.69 0.00	44.84 2.98 0.00	73.59 5.05 0.00	42.04 2.14 -9.67	39.34 1.62 -15.41	38.83 2.09 -8.24	39.12 2.37 -0.28	40.18 2.43 -0.24	39.72 2.41 -0.93	38.89 2.17 -4.93	39.19 1.96 -7.69	62.13 1.02 -45.91	37.35 0.90 -22.09
NYPA_VERNON____GT2 24162	24.09 1.55 0.00	20.68 1.40 0.00	19.78 1.29 0.00	18.62 1.21 0.00	18.86 1.17 0.00	20.29 1.18 0.00	20.12 1.18 0.00	20.22 1.22 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.76 1.53 0.00	25.18 1.73 0.00	44.95 3.09 0.00	73.65 5.12 0.00	42.05 2.15 -9.67	39.37 1.64 -15.41	38.84 2.10 -8.24	39.13 2.37 -0.28	40.18 2.43 -0.24	39.71 2.40 -0.93	38.89 2.17 -4.93	39.19 1.96 -7.69	62.13 1.02 -45.91	37.35 0.90 -22.09
NYPA_VERNON____GT3 24163	24.09 1.55 0.00	20.68 1.40 0.00	19.78 1.29 0.00	18.62 1.21 0.00	18.86 1.17 0.00	20.29 1.18 0.00	20.12 1.18 0.00	20.22 1.22 0.00	21.69 1.38 0.00	23.23 1.55 0.00	21.76 1.53 0.00	25.18 1.73 0.00	44.95 3.09 0.00	73.65 5.12 0.00	42.05 2.15 -9.67	39.37 1.64 -15.41	38.84 2.10 -8.24	39.13 2.37 -0.28	40.18 2.43 -0.24	39.71 2.40 -0.93	38.89 2.17 -4.93	39.19 1.96 -7.69	62.13 1.02 -45.91	37.35 0.90 -22.09
NYPA__ASTORIA_CC1 323568	24.06 1.52 0.00	20.65 1.38 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.26 1.16 0.00	20.10 1.15 0.00	20.19 1.20 0.00	21.66 1.35 0.00	23.19 1.52 0.00	21.73 1.49 0.00	25.14 1.69 0.00	44.88 3.02 0.00	73.52 4.98 0.00	41.99 2.10 -9.67	39.34 1.62 -15.41	38.80 2.06 -8.24	39.07 2.31 -0.28	40.12 2.37 -0.24	39.66 2.35 -0.93	38.84 2.12 -4.93	39.15 1.92 -7.69	62.11 0.99 -45.91	37.33 0.88 -22.09
NYPA__ASTORIA_CC2 323569	24.06 1.52 0.00	20.65 1.38 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.26 1.16 0.00	20.10 1.15 0.00	20.19 1.20 0.00	21.66 1.35 0.00	23.19 1.52 0.00	21.73 1.49 0.00	25.14 1.69 0.00	44.88 3.02 0.00	73.52 4.98 0.00	41.99 2.10 -9.67	39.34 1.62 -15.41	38.80 2.06 -8.24	39.07 2.31 -0.28	40.12 2.37 -0.24	39.66 2.35 -0.93	38.84 2.12 -4.93	39.15 1.92 -7.69	62.11 0.99 -45.91	37.33 0.88 -22.09
NYPA__HOLTSVILL 23794	54.20 2.34 -29.32	25.13 2.07 -3.78	20.45 1.94 -0.01	19.26 1.85 -0.01	19.53 1.84 0.00	20.97 1.86 0.00	20.56 1.62 0.00	20.46 1.46 0.00	21.99 1.67 0.00	23.51 1.83 0.00	27.71 1.99 -5.48	30.64 2.29 -4.91	45.69 3.83 0.00	76.09 6.06 -1.49	42.56 2.75 -9.57	39.65 2.07 -15.26	136.13 2.76 -104.87	72.09 3.00 -32.61	49.83 3.23 -9.08	40.55 3.24 -0.93	39.54 2.86 -4.89	39.72 2.56 -7.61	62.13 1.27 -45.65	37.40 1.07 -21.97
NYPA____HELLGATE_GT1 24158	24.12 1.58 0.00	20.69 1.41 0.00	19.76 1.27 0.00	18.61 1.20 0.00	18.85 1.17 0.00	20.25 1.14 0.00	20.12 1.17 0.00	20.17 1.17 0.00	21.67 1.35 0.00	23.20 1.52 0.00	21.73 1.49 0.00	25.13 1.68 0.00	44.89 3.03 0.00	73.62 5.09 0.00	41.97 2.08 -9.67	39.27 1.55 -15.41	38.73 1.99 -8.24	39.01 2.25 -0.28	40.09 2.34 -0.24	39.65 2.33 -0.93	38.82 2.10 -4.93	39.16 1.93 -7.69	62.13 1.01 -45.91	37.36 0.92 -22.09
NYPA____HELLGATE_GT2 24159	24.12 1.58 0.00	20.69 1.41 0.00	19.76 1.27 0.00	18.61 1.20 0.00	18.85 1.17 0.00	20.25 1.14 0.00	20.12 1.17 0.00	20.17 1.17 0.00	21.67 1.35 0.00	23.20 1.52 0.00	21.73 1.49 0.00	25.13 1.68 0.00	44.89 3.03 0.00	73.62 5.09 0.00	41.97 2.08 -9.67	39.27 1.55 -15.41	38.73 1.99 -8.24	39.01 2.25 -0.28	40.09 2.34 -0.24	39.65 2.33 -0.93	38.82 2.10 -4.93	39.16 1.93 -7.69	62.13 1.01 -45.91	37.36 0.92 -22.09
NYS_BARGE__HYD 23848	19.01 -0.90 2.64	17.30 -0.80 1.18	13.67 -0.71 4.11	9.32 -0.74 7.35	12.54 -0.65 4.49	18.70 -0.41 0.00	18.54 -0.41 0.00	18.41 -0.53 0.06	15.46 -0.64 4.21	8.95 -0.81 11.92	12.27 -0.93 7.03	22.30 -1.05 0.10	26.86 -1.77 13.23	21.77 -2.69 44.08	25.58 -1.41 3.25	20.53 -1.04 0.75	27.15 -1.35 0.00	34.78 -1.60 0.10	35.05 -2.04 0.41	34.41 -1.97 0.00	26.83 -1.73 3.23	22.17 -1.48 5.88	13.94 -0.72 0.54	7.10 -0.48 6.78
OAK ORCHARD__HYD 24046	20.35 -0.44 1.74	18.10 -0.39 0.78	15.38 -0.39 2.72	12.14 -0.41 4.86	14.36 -0.36 2.97	18.91 -0.19 0.00	18.74 -0.20 0.00	18.71 -0.25 0.04	17.23 -0.30 2.78	13.41 -0.39 7.89	15.15 -0.44 4.65	22.91 -0.47 0.07	32.30 -0.81 8.75	38.36 -1.24 28.93	27.47 -0.61 2.14	21.36 -0.46 0.49	27.96 -0.54 0.00	35.86 -0.55 0.07	36.47 -0.77 0.27	35.67 -0.71 0.00	29.03 -0.71 2.06	27.02 -0.69 1.84	14.52 -0.32 0.35	9.65 -0.22 4.48
OAKDALE__35_KV_LOAD 356122	22.41 -0.13 0.00	19.18 -0.10 0.00	18.37 -0.12 0.00	14.66 -0.11 2.64	14.54 -0.11 3.04	19.01 -0.09 0.00	18.84 -0.10 0.00	18.93 -0.07 0.00	20.20 -0.12 0.00	21.02 -0.13 0.52	18.50 -0.17 1.56	23.29 -0.16 0.00	41.69 -0.17 0.00	68.34 -0.19 0.00	30.11 -0.12 0.00	22.27 -0.05 0.00	28.51 0.01 0.00	36.53 0.05 0.00	37.47 -0.04 0.00	36.42 0.04 0.00	31.80 0.01 0.00	29.53 -0.01 0.00	15.20 -0.01 0.00	14.35 -0.01 0.00

OCC_CHEM___DRP 24175	18.57 -1.21 2.76	16.97 -1.07 1.23	13.25 -0.94 4.30	8.79 -0.95 7.67	12.07 -0.92 4.69	18.37 -0.73 0.00	18.21 -0.73 0.00	18.13 -0.80 0.06	15.04 -0.87 4.41	8.14 -1.09 12.45	11.69 -1.20 7.35	21.89 -1.45 0.11	25.60 -2.43 13.83	18.71 -3.75 46.08	24.94 -1.90 3.39	20.13 -1.40 0.78	26.65 -1.85 0.00	33.91 -2.46 0.11	34.14 -2.94 0.43	33.50 -2.88 0.00	25.94 -2.48 3.38	21.16 -2.11 6.28	13.59 -1.05 0.56	6.57 -0.70 7.09
OH_GEN_PROXY 24063	18.78 -1.11 2.65	17.12 -0.96 1.19	13.44 -0.90 4.15	9.07 -0.92 7.42	12.31 -0.84 4.54	18.49 -0.62 0.00	18.33 -0.61 0.00	18.26 -0.67 0.06	15.22 -0.84 4.26	8.59 -1.07 12.02	11.97 -1.16 7.10	22.08 -1.27 0.10	26.30 -2.20 13.36	20.50 -3.55 44.48	25.29 -1.66 3.28	20.34 -1.22 0.75	26.93 -1.56 0.00	34.46 -1.91 0.10	34.73 -2.37 0.42	34.11 -2.28 0.00	26.49 -2.06 3.25	21.99 -1.85 5.70	13.79 -0.87 0.54	6.86 -0.65 6.85
OLIN_CORP_DRP 24177	18.61 -1.12 2.81	17.02 -1.00 1.26	13.25 -0.86 4.39	8.70 -0.89 7.82	12.07 -0.83 4.79	18.51 -0.59 0.00	18.35 -0.59 0.00	18.20 -0.73 0.06	15.01 -0.81 4.49	7.96 -1.02 12.70	11.61 -1.13 7.50	21.98 -1.36 0.11	25.51 -2.24 14.11	18.07 -3.45 47.01	24.99 -1.79 3.46	20.20 -1.32 0.80	26.77 -1.73 0.00	34.27 -2.10 0.11	34.51 -2.56 0.44	33.88 -2.50 0.00	26.18 -2.17 3.45	21.26 -1.87 6.40	13.71 -0.92 0.57	6.51 -0.62 7.23
OLIN_CORP_DSASP 323712	18.53 -1.25 2.76	16.93 -1.11 1.23	13.19 -1.00 4.30	8.72 -1.01 7.68	12.04 -0.95 4.69	18.37 -0.73 0.00	18.21 -0.73 0.00	18.13 -0.81 0.06	14.99 -0.92 4.41	8.08 -1.15 12.45	11.64 -1.25 7.35	21.88 -1.47 0.11	25.58 -2.45 13.83	18.65 -3.81 46.08	24.93 -1.91 3.39	20.14 -1.40 0.78	26.65 -1.85 0.00	33.91 -2.45 0.11	34.13 -2.95 0.43	33.50 -2.88 0.00	25.91 -2.50 3.38	21.14 -2.13 6.28	13.58 -1.06 0.56	6.55 -0.72 7.09
ONEIDA_HERK_LFGE 323681	23.02 0.48 0.00	19.41 0.13 0.00	18.61 0.11 0.00	17.56 0.15 0.00	17.78 0.10 0.00	19.15 0.05 0.00	19.04 0.10 0.00	19.06 0.06 0.00	20.36 0.04 0.00	21.44 0.03 0.27	18.51 -0.03 1.69	23.50 0.05 0.00	42.27 0.39 0.00	69.97 1.83 -0.70	31.56 0.36 -0.97	22.59 0.27 0.00	28.80 0.30 0.00	36.99 0.51 0.00	38.20 0.69 0.00	37.19 0.81 0.00	32.51 0.72 0.00	30.27 0.73 0.00	15.39 0.19 0.00	14.44 0.08 0.00
ONEIDA___115KV_TB4 55905	23.05 0.51 0.00	19.64 0.36 0.00	18.82 0.33 0.00	17.73 0.32 0.00	18.00 0.31 0.00	19.45 0.35 0.00	19.30 0.35 0.00	19.33 0.33 0.00	20.66 0.35 0.00	22.02 0.35 0.00	20.51 0.27 0.00	23.84 0.39 0.00	42.81 0.95 0.00	70.37 1.83 0.00	31.04 0.81 0.00	22.91 0.60 0.00	29.22 0.73 0.00	37.51 1.03 0.00	38.57 1.05 0.00	37.44 1.06 0.00	32.79 1.00 0.00	30.46 0.92 0.00	15.59 0.39 0.00	14.67 0.32 0.00
ONONDAGA_REF_OCCRA 23987	23.03 -0.07 -0.55	19.46 -0.06 -0.25	19.28 -0.08 -0.86	18.88 -0.07 -1.54	18.56 -0.07 -0.94	19.06 -0.05 0.00	18.89 -0.06 0.00	18.97 -0.04 -0.01	21.17 -0.05 -0.90	24.15 -0.06 -2.53	21.64 -0.09 -1.50	23.40 -0.07 -0.02	44.68 0.00 -2.81	77.87 0.02 -9.31	30.87 -0.05 -0.69	22.44 -0.04 -0.16	28.52 0.02 0.00	36.57 0.07 -0.02	37.60 0.00 -0.09	36.45 0.06 0.00	32.51 0.05 -0.66	30.12 -0.01 -0.59	15.30 -0.02 -0.11	15.80 0.00 -1.44
ONONDAGA___COGEN 23986	22.44 -0.09 0.00	19.19 -0.09 0.00	18.39 -0.10 0.00	17.31 -0.10 0.00	17.59 -0.10 0.00	19.04 -0.07 0.00	18.87 -0.08 0.00	18.94 -0.06 0.00	20.25 -0.06 0.00	21.60 -0.07 0.00	20.14 -0.10 0.00	23.37 -0.08 0.00	41.82 -0.04 0.00	68.47 -0.07 0.00	30.13 -0.10 0.00	22.25 -0.07 0.00	28.47 -0.03 0.00	36.48 0.00 0.00	37.47 -0.04 0.00	36.38 0.00 0.00	31.78 -0.01 0.00	29.48 -0.06 0.00	15.16 -0.04 0.00	14.35 -0.01 0.00
ONTARIO___LFGE 23819	19.28 -0.28 2.98	17.69 -0.25 1.34	13.54 -0.29 4.66	8.81 -0.28 8.31	12.36 -0.24 5.09	18.95 -0.16 0.00	18.78 -0.16 0.00	18.79 -0.14 0.07	15.34 -0.20 4.77	7.81 -0.31 13.56	11.95 -0.31 7.97	23.06 -0.27 0.12	26.54 -0.33 14.99	18.71 -0.51 49.32	26.23 -0.33 3.68	21.22 -0.25 0.85	28.26 -0.23 0.00	36.08 -0.28 0.12	36.78 -0.27 0.47	36.20 -0.18 0.00	28.27 -0.09 3.43	28.84 -0.18 0.52	14.49 -0.11 0.61	6.55 -0.12 7.68
ORANGEVILLE_WT_PWR 323706	17.25 -1.11 4.19	16.41 -0.99 1.87	10.90 -1.06 6.54	4.76 -0.99 11.66	9.66 -0.88 7.14	18.35 -0.76 0.00	18.15 -0.79 0.00	18.11 -0.79 0.10	12.71 -0.90 6.70	1.55 -1.10 19.02	7.86 -1.19 11.19	21.83 -1.45 0.16	18.33 -2.49 21.04	-6.17 -3.71 71.00	23.39 -1.68 5.16	19.98 -1.14 1.19	27.09 -1.41 0.00	34.77 -1.55 0.16	34.74 -2.11 0.66	34.35 -2.03 0.00	24.43 -1.89 5.48	9.12 -1.71 18.70	13.49 -0.86 0.85	2.83 -0.75 10.78
ORANGEVILLE___ESR 323794	17.25 -1.11 4.19	16.41 -0.99 1.87	10.90 -1.06 6.54	4.76 -0.99 11.66	9.66 -0.88 7.14	18.35 -0.76 0.00	18.15 -0.79 0.00	18.11 -0.79 0.10	12.71 -0.90 6.70	1.55 -1.10 19.02	7.86 -1.19 11.19	21.83 -1.45 0.16	18.33 -2.49 21.04	-6.17 -3.71 71.00	23.39 -1.68 5.16	19.98 -1.14 1.19	27.09 -1.41 0.00	34.77 -1.55 0.16	34.74 -2.11 0.66	34.35 -2.03 0.00	24.43 -1.89 5.48	9.12 -1.71 18.70	13.49 -0.86 0.85	2.83 -0.75 10.78
OSWEGATCHIE___HYD 24044	22.79 0.25 0.00	19.10 -0.18 0.00	18.31 -0.19 0.00	17.28 -0.12 0.00	17.49 -0.20 0.00	18.85 -0.25 0.00	18.77 -0.18 0.00	18.74 -0.25 0.00	19.98 -0.34 0.00	18.96 -0.44 2.28	5.16 -0.56 14.51	23.00 -0.45 0.00	41.43 -0.43 0.00	68.75 -0.69 -0.90	34.92 -0.15 -4.85	22.19 -0.13 0.00	28.20 -0.30 0.00	36.31 -0.16 0.00	37.67 0.16 0.00	36.68 0.30 0.00	31.94 0.15 0.00	29.86 0.31 0.00	15.14 -0.06 0.00	14.16 -0.19 0.00
OSWEGO___5 23606	22.09 -0.45 0.00	18.89 -0.38 0.00	18.11 -0.38 0.00	17.05 -0.36 0.00	17.33 -0.36 0.00	18.75 -0.36 0.00	18.58 -0.36 0.00	18.66 -0.34 0.00	19.95 -0.37 0.00	21.27 -0.41 0.00	19.82 -0.41 0.00	22.98 -0.47 0.00	41.09 -0.77 0.00	67.24 -1.30 0.00	29.61 -0.62 0.00	21.86 -0.45 0.00	27.95 -0.54 0.00	35.80 -0.68 0.00	36.77 -0.74 0.00	35.70 -0.68 0.00	31.19 -0.61 0.00	28.96 -0.58 0.00	14.90 -0.30 0.00	14.11 -0.24 0.00
OSWEGO___6 23613	22.09 -0.45 0.00	18.89 -0.38 0.00	18.11 -0.38 0.00	17.05 -0.36 0.00	17.33 -0.36 0.00	18.75 -0.36 0.00	18.58 -0.36 0.00	18.66 -0.34 0.00	19.95 -0.37 0.00	21.27 -0.41 0.00	19.82 -0.41 0.00	22.98 -0.47 0.00	41.09 -0.77 0.00	67.24 -1.30 0.00	29.61 -0.62 0.00	21.86 -0.45 0.00	27.95 -0.54 0.00	35.80 -0.68 0.00	36.77 -0.74 0.00	35.70 -0.68 0.00	31.19 -0.61 0.00	28.96 -0.58 0.00	14.90 -0.30 0.00	14.11 -0.24 0.00
OUTOKUMPU-AB___DRP 24206	18.91 -0.77 2.86	17.30 -0.70 1.28	13.42 -0.61 4.47	8.80 -0.64 7.97	12.22 -0.59 4.88	18.73 -0.37 0.00	18.58 -0.37 0.00	18.48 -0.45 0.07	15.24 -0.49 4.58	8.08 -0.67 12.93	11.80 -0.80 7.64	22.37 -0.96 0.11	25.92 -1.57 14.37	18.35 -2.30 47.88	25.46 -1.24 3.52	20.61 -0.89 0.81	27.37 -1.13 0.00	34.96 -1.41 0.11	35.15 -1.91 0.45	34.51 -1.87 0.00	26.64 -1.64 3.52	21.53 -1.39 6.62	13.94 -0.68 0.58	6.58 -0.41 7.36

OXBOW___BTM 323836	18.72 -1.01 2.81	17.11 -0.91 1.26	13.29 -0.82 4.38	8.74 -0.84 7.83	12.12 -0.78 4.79	18.56 -0.55 0.00	18.40 -0.54 0.00	18.32 -0.62 0.06	15.10 -0.72 4.49	8.06 -0.93 12.69	11.70 -1.04 7.49	22.14 -1.20 0.11	25.78 -1.98 14.10	18.51 -3.04 46.99	25.22 -1.55 3.46	20.40 -1.12 0.80	27.04 -1.45 0.00	34.47 -1.90 0.11	34.69 -2.39 0.44	34.05 -2.33 0.00	26.30 -2.04 3.45	21.36 -1.73 6.45	13.77 -0.86 0.57	6.56 -0.57 7.23
OXBOW____ 24026	18.76 -0.97 2.81	17.13 -0.88 1.26	13.34 -0.77 4.38	8.80 -0.79 7.82	12.15 -0.75 4.79	18.56 -0.54 0.00	18.40 -0.54 0.00	18.32 -0.62 0.06	15.15 -0.67 4.49	8.11 -0.87 12.69	11.76 -0.99 7.49	22.15 -1.19 0.11	25.80 -1.96 14.10	18.58 -2.97 46.99	25.22 -1.55 3.46	20.40 -1.12 0.80	27.04 -1.46 0.00	34.47 -1.90 0.11	34.69 -2.38 0.44	34.04 -2.33 0.00	26.32 -2.03 3.45	21.37 -1.72 6.45	13.78 -0.85 0.57	6.59 -0.54 7.23
OXY_CHEM_DSASP 323612	18.57 -1.21 2.76	16.97 -1.07 1.23	13.25 -0.94 4.30	8.79 -0.95 7.67	12.07 -0.92 4.69	18.37 -0.73 0.00	18.21 -0.73 0.00	18.13 -0.80 0.06	15.04 -0.87 4.41	8.14 -1.09 12.45	11.69 -1.20 7.35	21.89 -1.45 0.11	25.60 -2.43 13.83	18.71 -3.75 46.08	24.94 -1.90 3.39	20.13 -1.40 0.78	26.65 -1.85 0.00	33.91 -2.46 0.11	34.14 -2.94 0.43	33.50 -2.88 0.00	25.94 -2.48 3.38	21.16 -2.11 6.28	13.59 -1.05 0.56	6.57 -0.70 7.09
OZONE_PARK_ESR 323760	24.25 1.71 0.00	20.80 1.52 0.00	19.90 1.40 0.00	18.73 1.32 0.00	18.97 1.29 0.00	20.42 1.31 0.00	20.23 1.28 0.00	20.35 1.35 0.00	21.82 1.50 0.00	23.36 1.68 0.00	21.89 1.65 0.00	25.35 1.90 0.00	45.29 3.43 0.00	74.22 5.68 0.00	42.30 2.40 -9.67	39.54 1.81 -15.41	39.07 2.33 -8.25	39.42 2.66 -0.28	40.49 2.74 -0.24	40.02 2.70 -0.93	39.15 2.43 -4.93	39.43 2.20 -7.69	62.26 1.14 -45.92	37.45 1.01 -22.09
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.57 -1.21 2.76	16.97 -1.07 1.23	13.25 -0.94 4.30	8.79 -0.95 7.67	12.07 -0.92 4.69	18.37 -0.73 0.00	18.21 -0.73 0.00	18.13 -0.80 0.06	15.04 -0.87 4.41	8.14 -1.09 12.45	11.69 -1.20 7.35	21.89 -1.45 0.11	25.60 -2.43 13.83	18.71 -3.75 46.08	24.94 -1.90 3.39	20.13 -1.40 0.78	26.65 -1.85 0.00	33.91 -2.46 0.11	34.14 -2.94 0.43	33.50 -2.88 0.00	25.94 -2.48 3.38	21.16 -2.11 6.28	13.59 -1.05 0.56	6.57 -0.70 7.09
PACKARD__115KV_DUPONT_184 80571	18.57 -1.21 2.76	16.97 -1.07 1.23	13.25 -0.94 4.30	8.79 -0.95 7.67	12.07 -0.92 4.69	18.37 -0.73 0.00	18.21 -0.73 0.00	18.13 -0.80 0.06	15.04 -0.87 4.41	8.14 -1.09 12.45	11.69 -1.20 7.35	21.89 -1.45 0.11	25.60 -2.43 13.83	18.71 -3.75 46.08	24.94 -1.90 3.39	20.13 -1.40 0.78	26.65 -1.85 0.00	33.91 -2.46 0.11	34.14 -2.94 0.43	33.50 -2.88 0.00	25.94 -2.48 3.38	21.16 -2.11 6.28	13.59 -1.05 0.56	6.57 -0.70 7.09
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.10 1.56 0.00	20.66 1.39 0.00	19.73 1.24 0.00	18.58 1.17 0.00	18.83 1.14 0.00	20.24 1.14 0.00	20.10 1.16 0.00	20.15 1.16 0.00	21.63 1.32 0.00	23.15 1.47 0.00	21.69 1.46 0.00	25.14 1.69 0.00	44.88 3.02 0.00	73.54 5.00 0.00	42.00 2.10 -9.67	39.29 1.57 -15.41	38.78 2.04 -8.24	39.08 2.32 -0.28	40.15 2.40 -0.24	39.70 2.38 -0.93	38.85 2.13 -4.93	39.17 1.94 -7.69	62.12 1.01 -45.91	37.35 0.90 -22.09
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.30 1.75 0.00	20.83 1.56 0.00	19.89 1.40 0.00	18.73 1.32 0.00	18.98 1.30 0.00	20.41 1.31 0.00	20.26 1.32 0.00	20.29 1.29 0.00	21.76 1.45 0.00	23.30 1.62 0.00	21.83 1.59 0.00	25.31 1.87 0.00	45.25 3.40 0.00	74.09 5.55 0.00	42.25 2.36 -9.67	39.45 1.72 -15.41	38.94 2.20 -8.24	39.29 2.53 -0.28	40.35 2.60 -0.24	39.90 2.59 -0.93	39.06 2.34 -4.93	39.33 2.10 -7.69	62.21 1.09 -45.91	37.41 0.96 -22.09
PATROON__115KV_TB1 80586	23.08 0.54 0.00	19.85 0.57 0.00	19.03 0.54 0.00	18.02 0.61 0.00	18.28 0.60 0.00	19.62 0.51 0.00	19.43 0.49 0.00	19.52 0.52 0.00	20.91 0.60 0.00	22.29 0.62 0.00	20.84 0.60 0.00	24.14 0.69 0.00	43.09 1.24 0.00	70.55 2.01 0.00	31.10 0.87 0.00	22.95 0.63 0.00	29.40 0.91 0.00	37.49 1.01 0.00	38.56 1.04 0.00	37.37 0.99 0.00	32.70 0.91 0.00	30.33 0.79 0.00	15.62 0.42 0.00	14.72 0.36 0.00
PATTRSNVILLE__SOLAR 323815	23.50 0.96 0.00	20.11 0.83 0.00	19.28 0.79 0.00	18.16 0.75 0.00	18.43 0.75 0.00	19.89 0.79 0.00	19.71 0.76 0.00	19.77 0.77 0.00	21.14 0.83 0.00	22.57 0.90 0.00	21.00 0.77 0.00	24.32 0.87 0.00	43.36 1.50 0.00	71.14 2.61 0.00	31.51 1.28 0.00	23.34 1.02 0.00	29.89 1.40 0.00	38.22 1.74 0.00	39.33 1.82 0.00	38.15 1.77 0.00	33.35 1.56 0.00	30.96 1.42 0.00	15.91 0.71 0.00	15.01 0.65 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.80 -0.44 3.30	17.41 -0.39 1.48	12.97 -0.38 5.15	7.82 -0.41 9.18	11.70 -0.36 5.62	18.92 -0.18 0.00	18.77 -0.17 0.00	18.73 -0.19 0.08	14.83 -0.21 5.28	6.42 -0.36 14.89	10.90 -0.53 8.80	22.67 -0.65 0.13	24.41 -0.88 16.57	12.17 -1.20 55.17	25.44 -0.73 4.06	20.86 -0.52 0.94	27.88 -0.61 0.00	35.68 -0.67 0.13	35.90 -1.10 0.52	35.31 -1.07 0.00	26.79 -0.96 4.04	21.50 -0.77 7.27	14.15 -0.38 0.67	5.66 -0.20 8.49
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.04 1.50 0.00	20.61 1.33 0.00	19.72 1.23 0.00	18.56 1.16 0.00	18.82 1.13 0.00	20.26 1.15 0.00	20.07 1.13 0.00	20.17 1.18 0.00	21.64 1.32 0.00	23.16 1.48 0.00	21.69 1.46 0.00	25.17 1.73 0.00	44.95 3.09 0.00	73.64 5.10 0.00	34.55 2.21 -2.11	27.34 1.66 -3.36	32.46 2.17 -1.80	39.07 2.53 -0.06	40.14 2.58 -0.05	39.09 2.50 -0.20	35.10 2.24 -1.07	33.20 1.99 -1.68	20.63 1.00 -4.43	17.26 0.87 -2.04
PEEKSKILL____ 23653	23.79 1.25 0.00	20.39 1.11 0.00	19.51 1.02 0.00	18.37 0.96 0.00	18.61 0.93 0.00	20.05 0.94 0.00	19.85 0.90 0.00	19.95 0.96 0.00	21.39 1.08 0.00	22.91 1.23 0.00	21.46 1.23 0.00	24.84 1.39 0.00	44.37 2.52 0.00	72.84 4.30 0.00	82.22 1.80 -50.19	103.69 1.37 -80.01	73.08 1.78 -42.80	39.95 2.00 -1.47	40.81 2.06 -1.24	43.23 2.00 -4.85	59.19 1.81 -25.59	71.09 1.61 -39.94	193.07 0.83 -177.04	99.22 0.74 -84.12
PGE MADISON__WINDPWR 24146	27.02 0.73 -3.75	21.51 0.56 -1.68	24.80 0.45 -5.86	28.25 0.42 -10.42	24.48 0.43 -6.36	19.68 0.57 0.00	19.51 0.56 0.00	19.59 0.50 -0.09	26.83 0.50 -6.02	39.04 0.35 -17.02	30.52 0.26 -10.02	23.99 0.39 -0.15	61.91 1.16 -18.89	133.42 2.32 -62.56	36.02 1.16 -4.63	24.48 1.10 -1.07	30.01 1.52 0.00	38.84 2.22 -0.15	40.34 2.24 -0.59	38.56 2.18 0.00	38.32 2.06 -4.47	35.98 1.82 -4.62	16.81 0.84 -0.77	24.84 0.80 -9.68
PIERCEFIELD__HYD 23852	22.52 -0.02 0.00	19.09 -0.18 0.00	18.32 -0.17 0.00	17.24 -0.17 0.00	17.51 -0.18 0.00	18.94 -0.16 0.00	18.84 -0.10 0.00	18.85 -0.15 0.00	20.08 -0.24 0.00	17.95 -0.29 3.44	-2.10 -0.45 21.87	23.14 -0.31 0.00	41.38 -0.48 0.00	68.93 -0.72 -1.11	37.25 -0.12 -7.14	22.24 -0.07 0.00	28.26 -0.24 0.00	36.33 -0.14 0.00	37.49 -0.02 0.00	36.38 -0.01 0.00	31.63 -0.16 0.00	29.55 0.01 0.00	15.14 -0.07 0.00	14.21 -0.15 0.00

PINELAWN_CC_1 323563	49.16 2.15 -24.47	24.96 1.90 -3.78	20.25 1.76 0.00	19.07 1.66 0.00	19.34 1.66 0.00	20.76 1.66 0.00	20.42 1.48 0.00	20.40 1.40 0.00	21.90 1.59 0.00	23.43 1.75 0.00	27.62 1.89 -5.48	30.52 2.17 -4.91	45.54 3.68 0.00	76.01 5.93 -1.54	42.42 2.62 -9.57	39.62 2.05 -15.26	45.64 2.67 -14.47	41.56 2.90 -2.18	41.37 3.10 -0.76	40.40 3.10 -0.93	39.43 2.76 -4.88	39.64 2.49 -7.61	62.10 1.24 -45.65	37.38 1.05 -21.97
PJM_GEN_HTP_PROXY 323702	23.99 1.45 0.00	20.59 1.32 0.00	19.70 1.21 0.00	18.56 1.15 0.00	18.79 1.11 0.00	20.22 1.12 0.00	20.03 1.09 0.00	20.15 1.15 0.00	21.60 1.29 0.00	23.12 1.45 0.00	21.68 1.45 0.00	25.09 1.64 0.00	44.81 2.95 0.00	73.44 4.91 0.00	41.95 2.04 -9.68	39.29 1.55 -15.42	38.76 2.01 -8.25	39.02 2.26 -0.28	40.07 2.32 -0.24	39.59 2.28 -0.93	38.78 2.06 -4.93	39.08 1.84 -7.70	62.10 0.95 -45.94	37.30 0.85 -22.10
PJM_GEN_KEystone 24065	21.05 0.25 1.74	18.73 0.23 0.78	15.95 0.18 2.72	12.69 0.16 4.87	14.87 0.16 2.97	19.31 0.20 0.00	19.12 0.18 0.00	19.19 0.23 0.04	17.74 0.22 2.79	14.07 0.22 7.83	15.73 0.15 4.65	23.56 0.18 0.07	33.55 0.45 8.76	40.36 0.89 29.07	25.52 0.31 5.03	17.52 0.29 5.08	26.48 0.43 2.45	36.77 0.45 0.15	37.49 0.32 0.34	36.44 0.33 0.28	28.54 0.31 3.56	24.85 0.27 4.96	7.38 0.16 7.98	6.47 0.17 8.06
PJM_GEN_NEPTUNE_PROXY 323594	48.50 1.80 -24.16	24.66 1.61 -3.78	19.98 1.49 0.00	18.82 1.41 0.00	19.08 1.40 0.00	20.49 1.39 0.00	20.19 1.24 0.00	20.20 1.20 0.00	21.68 1.37 0.00	23.18 1.51 0.00	27.37 1.65 -5.48	30.24 1.89 -4.91	45.13 3.27 0.00	75.16 5.17 -1.46	42.06 2.27 -9.57	39.28 1.71 -15.26	38.92 2.26 -8.17	39.22 2.46 -0.28	40.37 2.62 -0.24	39.89 2.58 -0.93	38.98 2.31 -4.88	39.22 2.07 -7.61	61.89 1.04 -45.65	37.21 0.89 -21.97
PJM_GEN_VFT_PROXY 323633	23.93 1.39 0.00	20.53 1.26 0.00	19.64 1.15 0.00	18.50 1.09 0.00	18.74 1.05 0.00	20.16 1.06 0.00	19.97 1.03 0.00	20.08 1.09 0.00	21.54 1.23 0.00	23.08 1.40 0.00	21.62 1.39 0.00	24.98 1.54 0.00	44.64 2.79 0.00	73.24 4.70 0.00	41.83 1.93 -9.67	39.19 1.46 -15.41	38.64 1.90 -8.25	38.83 2.07 -0.28	39.90 2.15 -0.24	39.43 2.12 -0.93	38.65 1.92 -4.93	38.96 1.73 -7.69	62.02 0.90 -45.92	37.25 0.80 -22.09
PLATSBURG_115KV_PMLD1 355749	22.48 -0.06 0.00	19.24 -0.03 0.00	18.38 -0.12 0.00	17.16 -0.25 0.00	17.34 -0.35 0.00	18.68 -0.43 0.00	18.27 -0.67 0.00	18.17 -0.83 0.00	19.18 -1.14 0.00	16.45 -0.97 4.26	-7.82 -0.93 27.12	22.28 -1.17 0.00	39.27 -2.59 0.00	-21.99 -4.38 86.14	-22.91 -1.88 51.25	21.18 -1.14 0.00	27.30 -1.20 0.00	35.64 -0.84 0.00	36.96 -0.55 0.00	36.34 -0.04 0.00	31.51 -0.28 0.00	29.39 -0.15 0.00	15.08 -0.12 0.00	14.11 -0.25 0.00
PLEASANTVLY__LBMP 24000	23.67 1.13 0.00	20.32 1.04 0.00	19.47 0.97 0.00	18.34 0.93 0.00	18.59 0.91 0.00	20.02 0.91 0.00	19.82 0.87 0.00	19.91 0.91 0.00	21.33 1.02 0.00	22.81 1.14 0.00	21.37 1.14 0.00	24.76 1.31 0.00	44.19 2.33 0.00	72.37 3.83 0.00	33.88 1.62 -2.03	26.76 1.21 -3.24	31.84 1.61 -1.73	38.37 1.83 -0.06	39.45 1.89 -0.05	38.41 1.84 -0.20	34.48 1.65 -1.04	32.63 1.47 -1.62	22.25 0.75 -6.29	18.00 0.67 -2.97
PLSNTVLE_13_KV_13.8KVDIST 80602	23.91 1.37 0.00	20.51 1.23 0.00	19.63 1.14 0.00	18.49 1.08 0.00	18.73 1.05 0.00	20.17 1.06 0.00	19.97 1.03 0.00	20.07 1.07 0.00	21.52 1.20 0.00	23.02 1.34 0.00	21.58 1.34 0.00	25.00 1.55 0.00	44.63 2.78 0.00	73.12 4.58 0.00	39.24 1.95 -7.06	35.03 1.47 -11.25	36.43 1.92 -6.02	38.87 2.18 -0.21	39.93 2.24 -0.17	39.26 2.19 -0.68	37.36 1.96 -3.60	36.92 1.76 -5.62	48.35 0.91 -32.24	30.66 0.82 -15.49
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.91 1.37 0.00	20.51 1.23 0.00	19.63 1.14 0.00	18.49 1.08 0.00	18.73 1.05 0.00	20.17 1.06 0.00	19.97 1.03 0.00	20.07 1.07 0.00	21.52 1.20 0.00	23.02 1.34 0.00	21.58 1.34 0.00	25.00 1.55 0.00	44.63 2.78 0.00	73.12 4.58 0.00	39.24 1.95 -7.06	35.03 1.47 -11.25	36.43 1.92 -6.02	38.87 2.18 -0.21	39.93 2.24 -0.17	39.26 2.19 -0.68	37.36 1.96 -3.60	36.92 1.76 -5.62	48.35 0.91 -32.24	30.66 0.82 -15.49
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.85 1.31 0.00	20.46 1.18 0.00	19.59 1.10 0.00	18.45 1.04 0.00	18.70 1.02 0.00	20.14 1.03 0.00	19.94 1.00 0.00	20.05 1.05 0.00	21.49 1.17 0.00	22.98 1.31 0.00	21.51 1.28 0.00	24.95 1.50 0.00	44.57 2.71 0.00	72.93 4.39 0.00	32.13 1.91 0.00	23.76 1.44 0.00	30.42 1.92 0.00	38.71 2.23 0.00	39.79 2.28 0.00	38.59 2.20 0.00	33.76 1.96 0.00	31.28 1.74 0.00	16.08 0.88 0.00	15.14 0.78 0.00
POLETTI____ 23519	23.98 1.44 0.00	20.59 1.31 0.00	19.69 1.20 0.00	18.55 1.15 0.00	18.80 1.11 0.00	20.22 1.12 0.00	20.03 1.09 0.00	20.14 1.15 0.00	21.59 1.28 0.00	23.11 1.43 0.00	21.67 1.44 0.00	25.08 1.63 0.00	44.79 2.93 0.00	73.37 4.84 0.00	41.93 2.03 -9.67	39.26 1.53 -15.41	38.72 1.98 -8.25	38.96 2.20 -0.28	40.02 2.27 -0.24	39.56 2.25 -0.93	38.75 2.02 -4.93	39.06 1.82 -7.69	62.07 0.95 -45.92	37.29 0.84 -22.09
POMONA__ESR 323819	23.82 1.28 0.00	20.40 1.12 0.00	19.52 1.02 0.00	18.37 0.96 0.00	18.62 0.93 0.00	20.05 0.94 0.00	19.85 0.91 0.00	19.97 0.97 0.00	21.41 1.09 0.00	22.93 1.26 0.00	21.49 1.25 0.00	24.87 1.42 0.00	44.44 2.59 0.00	73.03 4.50 0.00	25.17 1.89 6.95	12.67 1.43 11.07	24.43 1.85 5.92	38.38 2.11 0.20	39.50 2.16 0.17	37.80 2.09 0.67	30.13 1.88 3.54	25.68 1.67 5.53	-4.87 0.85 20.92	5.27 0.77 9.86
PORT_JEFF_3 23555	54.80 2.40 -29.86	25.17 2.12 -3.78	20.49 1.98 -0.01	19.31 1.89 -0.01	19.57 1.88 0.00	21.01 1.90 0.00	20.60 1.65 0.00	20.50 1.50 0.00	22.04 1.72 0.00	23.56 1.88 0.00	27.76 2.04 -5.48	30.70 2.35 -4.91	45.81 3.95 0.00	76.30 6.27 -1.49	42.66 2.85 -9.57	39.73 2.15 -15.26	141.36 2.87 -109.99	75.59 3.14 -35.98	50.89 3.37 -10.00	40.66 3.35 -0.93	39.64 2.96 -4.89	39.81 2.66 -7.61	62.17 1.32 -45.65	37.43 1.11 -21.97
PORT_JEFF_4 23616	54.80 2.40 -29.86	25.17 2.12 -3.78	20.49 1.98 -0.01	19.31 1.89 -0.01	19.57 1.88 0.00	21.01 1.90 0.00	20.60 1.65 0.00	20.50 1.50 0.00	22.04 1.72 0.00	23.56 1.88 0.00	27.76 2.04 -5.48	30.70 2.35 -4.91	45.81 3.95 0.00	76.30 6.27 -1.49	42.66 2.85 -9.57	39.73 2.15 -15.26	141.36 2.87 -109.99	75.59 3.14 -35.98	50.89 3.37 -10.00	40.66 3.35 -0.93	39.64 2.96 -4.89	39.81 2.66 -7.61	62.17 1.32 -45.65	37.43 1.11 -21.97
PORT_JEFF_IC 23713	56.72 2.43 -31.75	25.20 2.14 -3.78	20.51 2.01 -0.01	19.33 1.90 -0.01	19.58 1.90 0.00	21.03 1.92 0.00	20.62 1.67 0.00	20.51 1.51 0.00	22.04 1.73 0.00	23.57 1.89 0.00	27.77 2.05 -5.48	30.73 2.38 -4.91	45.85 4.00 0.00	76.32 6.29 -1.49	42.74 2.93 -9.57	39.78 2.20 -15.26	160.10 2.95 -128.66	87.54 3.22 -47.84	54.20 3.44 -13.24	40.72 3.40 -0.93	39.69 3.01 -4.89	39.85 2.69 -7.61	62.19 1.34 -45.65	37.44 1.12 -21.97

PPL PILGRIM_ST_GT1 24216	50.03 2.35 -25.14	25.13 2.08 -3.78	20.42 1.93 0.00	19.25 1.84 0.00	19.53 1.84 0.00	20.96 1.85 0.00	20.57 1.63 0.00	20.52 1.52 0.00	22.04 1.72 0.00	23.56 1.89 0.00	27.76 2.04 -5.48	30.71 2.35 -4.91	45.83 3.97 0.00	76.32 6.28 -1.50	42.65 2.85 -9.57	39.75 2.17 -15.26	59.62 2.73 -28.39	45.62 2.75 -6.39	42.62 3.20 -1.91	40.67 3.36 -0.93	39.64 2.97 -4.88	39.83 2.67 -7.61	62.19 1.34 -45.65	37.45 1.13 -21.97
PPL PILGRIM_ST_GT2 24217	50.03 2.35 -25.14	25.13 2.08 -3.78	20.42 1.93 0.00	19.25 1.84 0.00	19.53 1.84 0.00	20.96 1.85 0.00	20.57 1.63 0.00	20.52 1.52 0.00	22.04 1.72 0.00	23.56 1.89 0.00	27.76 2.04 -5.48	30.71 2.35 -4.91	45.83 3.97 0.00	76.32 6.28 -1.50	42.65 2.85 -9.57	39.75 2.17 -15.26	59.62 2.73 -28.39	45.62 2.75 -6.39	42.62 3.20 -1.91	40.67 3.36 -0.93	39.64 2.97 -4.88	39.83 2.67 -7.61	62.19 1.34 -45.65	37.45 1.13 -21.97
PPL_SHRM_GT3 24213	55.22 2.46 -30.22	25.22 2.16 -3.78	20.58 2.08 -0.01	19.39 1.97 -0.01	19.64 1.96 0.00	21.10 1.99 0.00	20.61 1.66 0.00	20.36 1.36 0.00	21.94 1.62 0.00	23.43 1.76 0.00	27.63 1.91 -5.48	30.55 2.19 -4.91	45.44 3.58 0.00	75.73 5.70 -1.49	42.41 2.60 -9.57	39.56 1.98 -15.26	144.09 2.71 -112.88	77.68 2.95 -38.25	51.30 3.16 -10.62	40.45 3.13 -0.93	39.45 2.77 -4.89	39.60 2.44 -7.61	62.05 1.20 -45.65	37.30 0.97 -21.97
PPL_SHRM_GT4 24214	55.22 2.46 -30.22	25.22 2.16 -3.78	20.58 2.08 -0.01	19.39 1.97 -0.01	19.64 1.96 0.00	21.10 1.99 0.00	20.61 1.66 0.00	20.36 1.36 0.00	21.94 1.62 0.00	23.43 1.76 0.00	27.63 1.91 -5.48	30.55 2.19 -4.91	45.44 3.58 0.00	75.73 5.70 -1.49	42.41 2.60 -9.57	39.56 1.98 -15.26	144.09 2.71 -112.88	77.68 2.95 -38.25	51.30 3.16 -10.62	40.45 3.13 -0.93	39.45 2.77 -4.89	39.60 2.44 -7.61	62.05 1.20 -45.65	37.30 0.97 -21.97
PROJECT___ORANGE 1 24174	22.38 -0.17 0.00	19.13 -0.15 0.00	18.34 -0.15 0.00	17.26 -0.15 0.00	17.54 -0.14 0.00	18.98 -0.12 0.00	18.82 -0.13 0.00	18.88 -0.12 0.00	20.19 -0.12 0.00	21.54 -0.14 0.00	20.08 -0.16 0.00	23.29 -0.16 0.00	41.67 -0.19 0.00	68.25 -0.29 0.00	30.02 -0.21 0.00	22.17 -0.15 0.00	28.37 -0.13 0.00	36.34 -0.14 0.00	37.32 -0.19 0.00	36.23 -0.15 0.00	31.65 -0.15 0.00	29.35 -0.19 0.00	15.10 -0.11 0.00	14.29 -0.06 0.00
PROJECT___ORANGE 2 24166	22.38 -0.17 0.00	19.13 -0.15 0.00	18.34 -0.15 0.00	17.26 -0.15 0.00	17.54 -0.14 0.00	18.98 -0.12 0.00	18.82 -0.13 0.00	18.88 -0.12 0.00	20.19 -0.12 0.00	21.54 -0.14 0.00	20.08 -0.16 0.00	23.29 -0.16 0.00	41.67 -0.19 0.00	68.25 -0.29 0.00	30.02 -0.21 0.00	22.17 -0.15 0.00	28.37 -0.13 0.00	36.34 -0.14 0.00	37.32 -0.19 0.00	36.23 -0.15 0.00	31.65 -0.15 0.00	29.35 -0.19 0.00	15.10 -0.11 0.00	14.29 -0.06 0.00
PUCKETT___SOLAR 323809	23.39 -0.01 -0.87	19.65 -0.01 -0.39	19.79 -0.05 -1.35	19.69 -0.06 -2.34	19.04 -0.05 -1.40	19.09 -0.02 0.00	18.93 -0.02 0.00	19.00 -0.02 -0.02	21.63 -0.08 -1.39	25.46 -0.14 -3.93	22.31 -0.21 -2.28	23.30 -0.18 -0.03	46.18 -0.05 -4.37	83.09 0.09 -14.46	31.39 0.09 -1.07	22.71 0.15 -0.25	28.78 0.28 0.00	36.98 0.46 -0.03	38.04 0.39 -0.14	36.85 0.47 0.00	33.24 0.42 -1.03	30.81 0.35 -0.92	15.54 0.16 -0.18	16.74 0.14 -2.24
PYRITES___HYD 24023	22.81 0.26 0.00	19.35 0.08 0.00	18.58 0.09 0.00	17.49 0.08 0.00	17.78 0.09 0.00	19.27 0.16 0.00	19.19 0.24 0.00	19.18 0.18 0.00	20.35 0.03 0.00	18.09 -0.05 3.54	-2.52 -0.27 22.49	23.38 -0.07 0.00	41.93 0.07 0.00	68.79 0.52 0.27	37.06 0.46 -6.37	22.68 0.36 0.00	28.79 0.29 0.00	36.92 0.44 0.00	38.15 0.63 0.00	36.95 0.57 0.00	32.08 0.29 0.00	29.98 0.44 0.00	15.36 0.16 0.00	14.43 0.08 0.00
QUAKERRD_115KV_BK1 80622	20.17 -0.86 1.51	17.85 -0.75 0.68	15.41 -0.71 2.36	12.48 -0.71 4.22	14.42 -0.68 2.58	18.51 -0.59 0.00	18.35 -0.59 0.00	18.35 -0.62 0.04	17.24 -0.66 2.42	14.06 -0.76 6.86	15.43 -0.77 4.04	22.50 -0.89 0.06	32.74 -1.52 7.60	40.99 -2.40 25.15	27.22 -1.14 1.86	21.02 -0.87 0.43	27.47 -1.02 0.00	35.21 -1.21 0.06	35.89 -1.39 0.24	35.05 -1.33 0.00	28.78 -1.23 1.79	26.76 -1.19 1.60	14.30 -0.59 0.31	9.97 -0.49 3.90
QUENSBRY_115KV_TB8 356137	24.24 1.70 0.00	20.80 1.53 0.00	19.94 1.45 0.00	18.80 1.39 0.00	19.09 1.41 0.00	20.62 1.51 0.00	20.43 1.49 0.00	20.53 1.53 0.00	22.07 1.75 0.00	23.58 1.90 0.00	21.84 1.61 0.00	25.32 1.88 0.00	45.08 3.22 0.00	73.46 4.93 0.00	32.46 2.23 0.00	24.00 1.68 0.00	31.01 2.51 0.00	39.66 3.18 0.00	41.05 3.53 0.00	39.84 3.46 0.00	34.83 3.04 0.00	32.21 2.67 0.00	16.53 1.33 0.00	15.54 1.18 0.00
RAMAPO___LBMP 323565	23.71 1.17 0.00	20.30 1.03 0.00	19.42 0.93 0.00	18.29 0.88 0.00	18.53 0.85 0.00	19.97 0.86 0.00	19.77 0.82 0.00	19.88 0.88 0.00	21.30 0.98 0.00	22.81 1.13 0.00	21.37 1.13 0.00	24.74 1.29 0.00	44.21 2.35 0.00	72.60 4.06 0.00	24.52 1.72 7.43	11.78 1.31 11.84	23.85 1.69 6.34	38.16 1.90 0.22	39.29 1.95 0.18	37.55 1.88 0.72	29.71 1.70 3.79	25.14 1.51 5.91	-6.68 0.77 22.66	4.37 0.69 10.68
RANKINE____ 23646	18.62 -0.70 3.22	17.20 -0.64 1.44	12.87 -0.60 5.02	7.82 -0.63 8.95	11.64 -0.57 5.48	18.75 -0.36 0.00	18.59 -0.36 0.00	18.53 -0.39 0.07	14.71 -0.46 5.14	6.51 -0.63 14.54	10.88 -0.77 8.58	22.40 -0.92 0.13	24.24 -1.47 16.15	12.51 -2.17 53.86	25.18 -1.09 3.96	20.65 -0.76 0.91	27.56 -0.94 0.00	35.25 -1.10 0.12	35.41 -1.60 0.51	34.83 -1.55 0.00	26.41 -1.42 3.96	20.52 -1.24 7.78	13.96 -0.58 0.66	5.68 -0.40 8.28
RAVENSWOOD_GT2_1 24244	24.02 1.48 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.82 1.13 0.00	20.25 1.14 0.00	20.06 1.11 0.00	20.16 1.17 0.00	21.62 1.31 0.00	23.14 1.46 0.00	21.69 1.46 0.00	25.11 1.67 0.00	44.84 2.99 0.00	73.47 4.93 0.00	41.97 2.08 -9.67	39.30 1.57 -15.41	38.77 2.03 -8.24	39.03 2.27 -0.28	40.09 2.34 -0.24	39.63 2.31 -0.93	38.80 2.08 -4.93	39.11 1.88 -7.69	62.08 0.97 -45.91	37.31 0.86 -22.09
RAVENSWOOD_GT2_2 24245	24.02 1.48 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.82 1.13 0.00	20.25 1.14 0.00	20.06 1.11 0.00	20.16 1.17 0.00	21.62 1.31 0.00	23.14 1.46 0.00	21.69 1.46 0.00	25.11 1.67 0.00	44.84 2.99 0.00	73.47 4.93 0.00	41.97 2.08 -9.67	39.30 1.57 -15.41	38.77 2.03 -8.24	39.03 2.27 -0.28	40.09 2.34 -0.24	39.63 2.31 -0.93	38.80 2.08 -4.93	39.11 1.88 -7.69	62.08 0.97 -45.91	37.31 0.86 -22.09
RAVENSWOOD_GT2_3 24246	24.03 1.49 0.00	20.62 1.35 0.00	19.73 1.24 0.00	18.58 1.17 0.00	18.82 1.14 0.00	20.25 1.15 0.00	20.06 1.12 0.00	20.17 1.18 0.00	21.63 1.31 0.00	23.15 1.47 0.00	21.70 1.47 0.00	25.13 1.68 0.00	44.87 3.01 0.00	73.51 4.98 0.00	41.99 2.10 -9.67	39.30 1.58 -15.41	38.78 2.04 -8.24	39.06 2.30 -0.28	40.11 2.36 -0.24	39.65 2.33 -0.93	38.82 2.10 -4.93	39.13 1.90 -7.69	62.10 0.98 -45.91	37.31 0.86 -22.09

RAVENSWOOD_GT2_4 24247	24.03 1.49 0.00	20.62 1.35 0.00	19.73 1.24 0.00	18.58 1.17 0.00	18.82 1.14 0.00	20.25 1.15 0.00	20.06 1.12 0.00	20.17 1.18 0.00	21.63 1.31 0.00	23.15 1.47 0.00	21.70 1.47 0.00	25.13 1.68 0.00	44.87 3.01 0.00	73.51 4.98 0.00	41.99 2.10 -9.67	39.30 1.58 -15.41	38.78 2.04 -8.24	39.06 2.30 -0.28	40.11 2.36 -0.24	39.65 2.33 -0.93	38.82 2.10 -4.93	39.13 1.90 -7.69	62.10 0.98 -45.91	37.31 0.86 -22.09
RAVENSWOOD_GT3_1 24248	24.02 1.48 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.82 1.13 0.00	20.25 1.14 0.00	20.06 1.11 0.00	20.17 1.17 0.00	21.62 1.31 0.00	23.14 1.46 0.00	21.69 1.46 0.00	25.11 1.67 0.00	44.84 2.99 0.00	73.47 4.93 0.00	41.97 2.08 -9.67	39.30 1.57 -15.41	38.77 2.03 -8.24	39.03 2.27 -0.28	40.09 2.34 -0.24	39.63 2.31 -0.93	38.81 2.09 -4.93	39.11 1.88 -7.69	62.09 0.97 -45.91	37.31 0.86 -22.09
RAVENSWOOD_GT3_2 24249	24.02 1.48 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.82 1.13 0.00	20.25 1.14 0.00	20.06 1.11 0.00	20.17 1.17 0.00	21.62 1.31 0.00	23.14 1.46 0.00	21.69 1.46 0.00	25.11 1.67 0.00	44.84 2.99 0.00	73.47 4.93 0.00	41.97 2.08 -9.67	39.30 1.57 -15.41	38.77 2.03 -8.24	39.03 2.27 -0.28	40.09 2.34 -0.24	39.63 2.31 -0.93	38.81 2.09 -4.93	39.11 1.88 -7.69	62.09 0.97 -45.91	37.31 0.86 -22.09
RAVENSWOOD_GT3_3 24250	24.06 1.52 0.00	20.64 1.37 0.00	19.75 1.26 0.00	18.59 1.19 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.09 1.14 0.00	20.20 1.20 0.00	21.65 1.34 0.00	23.18 1.50 0.00	21.73 1.49 0.00	25.16 1.71 0.00	44.93 3.07 0.00	73.60 5.07 0.00	42.03 2.14 -9.67	39.34 1.61 -15.41	38.83 2.09 -8.24	39.11 2.35 -0.28	40.17 2.41 -0.24	39.70 2.38 -0.93	38.87 2.15 -4.93	39.17 1.94 -7.69	62.11 1.00 -45.91	37.33 0.88 -22.09
RAVENSWOOD_GT3_4 24251	24.06 1.52 0.00	20.64 1.37 0.00	19.75 1.26 0.00	18.59 1.19 0.00	18.84 1.16 0.00	20.27 1.17 0.00	20.09 1.14 0.00	20.20 1.20 0.00	21.65 1.34 0.00	23.18 1.50 0.00	21.73 1.49 0.00	25.16 1.71 0.00	44.93 3.07 0.00	73.60 5.07 0.00	42.03 2.14 -9.67	39.34 1.61 -15.41	38.83 2.09 -8.24	39.11 2.35 -0.28	40.17 2.41 -0.24	39.70 2.38 -0.93	38.87 2.15 -4.93	39.17 1.94 -7.69	62.11 1.00 -45.91	37.33 0.88 -22.09
RAVENSWOOD_GT_1 23729	24.08 1.54 0.00	20.67 1.40 0.00	19.77 1.27 0.00	18.61 1.20 0.00	18.85 1.17 0.00	20.29 1.18 0.00	20.12 1.17 0.00	20.22 1.22 0.00	21.68 1.36 0.00	23.20 1.53 0.00	21.74 1.50 0.00	25.18 1.73 0.00	44.94 3.09 0.00	73.60 5.07 0.00	42.05 2.15 -9.67	39.37 1.64 -15.41	38.84 2.10 -8.24	39.13 2.37 -0.28	40.18 2.43 -0.24	39.71 2.40 -0.93	38.88 2.16 -4.93	39.19 1.95 -7.69	62.13 1.02 -45.91	37.34 0.90 -22.09
RAVENSWOOD_GT_10 24258	24.02 1.48 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.82 1.13 0.00	20.25 1.14 0.00	20.06 1.11 0.00	20.16 1.17 0.00	21.62 1.31 0.00	23.14 1.46 0.00	21.69 1.46 0.00	25.11 1.67 0.00	44.84 2.99 0.00	73.47 4.93 0.00	41.97 2.08 -9.67	39.29 1.57 -15.41	38.77 2.03 -8.24	39.03 2.27 -0.28	40.09 2.34 -0.24	39.63 2.31 -0.93	38.81 2.09 -4.93	39.11 1.88 -7.69	62.08 0.97 -45.91	37.31 0.86 -22.09
RAVENSWOOD_GT_11 24259	24.02 1.48 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.82 1.13 0.00	20.25 1.14 0.00	20.06 1.11 0.00	20.16 1.17 0.00	21.62 1.31 0.00	23.14 1.46 0.00	21.69 1.46 0.00	25.11 1.67 0.00	44.84 2.99 0.00	73.47 4.93 0.00	41.97 2.08 -9.67	39.29 1.57 -15.41	38.77 2.03 -8.24	39.03 2.27 -0.28	40.09 2.34 -0.24	39.63 2.31 -0.93	38.81 2.09 -4.93	39.11 1.88 -7.69	62.08 0.97 -45.91	37.31 0.86 -22.09
RAVENSWOOD_GT_4 24252	24.01 1.47 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.81 1.13 0.00	20.24 1.14 0.00	20.05 1.11 0.00	20.16 1.17 0.00	21.62 1.30 0.00	23.14 1.46 0.00	21.69 1.45 0.00	25.11 1.67 0.00	44.84 2.98 0.00	73.47 4.93 0.00	41.97 2.07 -9.67	39.28 1.56 -15.41	38.77 2.03 -8.24	39.03 2.26 -0.28	40.09 2.33 -0.24	39.62 2.31 -0.93	38.80 2.08 -4.93	39.11 1.87 -7.69	62.08 0.97 -45.91	37.30 0.86 -22.09
RAVENSWOOD_GT_5 24254	24.01 1.47 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.81 1.13 0.00	20.24 1.14 0.00	20.05 1.11 0.00	20.16 1.17 0.00	21.62 1.30 0.00	23.14 1.46 0.00	21.69 1.45 0.00	25.11 1.67 0.00	44.84 2.98 0.00	73.47 4.93 0.00	41.97 2.07 -9.67	39.28 1.56 -15.41	38.77 2.03 -8.24	39.03 2.26 -0.28	40.09 2.33 -0.24	39.62 2.31 -0.93	38.80 2.08 -4.93	39.11 1.87 -7.69	62.08 0.97 -45.91	37.30 0.86 -22.09
RAVENSWOOD_GT_6 24253	24.01 1.47 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.81 1.13 0.00	20.24 1.14 0.00	20.05 1.11 0.00	20.16 1.17 0.00	21.62 1.30 0.00	23.14 1.46 0.00	21.69 1.45 0.00	25.11 1.67 0.00	44.84 2.98 0.00	73.47 4.93 0.00	41.97 2.07 -9.67	39.28 1.56 -15.41	38.77 2.03 -8.24	39.03 2.26 -0.28	40.09 2.33 -0.24	39.62 2.31 -0.93	38.80 2.08 -4.93	39.11 1.87 -7.69	62.08 0.97 -45.91	37.30 0.86 -22.09
RAVENSWOOD_GT_7 24255	24.01 1.47 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.81 1.13 0.00	20.24 1.14 0.00	20.05 1.11 0.00	20.16 1.17 0.00	21.62 1.30 0.00	23.14 1.46 0.00	21.69 1.45 0.00	25.11 1.67 0.00	44.84 2.98 0.00	73.47 4.93 0.00	41.97 2.07 -9.67	39.28 1.56 -15.41	38.77 2.03 -8.24	39.03 2.26 -0.28	40.09 2.33 -0.24	39.62 2.31 -0.93	38.80 2.08 -4.93	39.11 1.87 -7.69	62.08 0.97 -45.91	37.30 0.86 -22.09
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.02 1.48 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.82 1.13 0.00	20.25 1.14 0.00	20.06 1.11 0.00	20.16 1.17 0.00	21.62 1.31 0.00	23.14 1.46 0.00	21.69 1.46 0.00	25.11 1.67 0.00	44.84 2.99 0.00	73.47 4.93 0.00	41.97 2.08 -9.67	39.29 1.57 -15.41	38.77 2.03 -8.24	39.03 2.27 -0.28	40.09 2.34 -0.24	39.63 2.31 -0.93	38.81 2.09 -4.93	39.11 1.88 -7.69	62.08 0.97 -45.91	37.31 0.86 -22.09
RAVENSWOOD_GT_9 24257	24.02 1.48 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.82 1.13 0.00	20.25 1.14 0.00	20.06 1.11 0.00	20.16 1.17 0.00	21.62 1.31 0.00	23.14 1.46 0.00	21.69 1.46 0.00	25.11 1.67 0.00	44.84 2.99 0.00	73.47 4.93 0.00	41.97 2.08 -9.67	39.29 1.57 -15.41	38.77 2.03 -8.24	39.03 2.27 -0.28	40.09 2.34 -0.24	39.63 2.31 -0.93	38.81 2.09 -4.93	39.11 1.88 -7.69	62.08 0.97 -45.91	37.31 0.86 -22.09
RAVENSWOOD____1 23533	24.06 1.52 0.00	20.64 1.37 0.00	19.75 1.25 0.00	18.59 1.19 0.00	18.83 1.15 0.00	20.26 1.15 0.00	20.09 1.14 0.00	20.19 1.19 0.00	21.66 1.35 0.00	23.18 1.51 0.00	21.73 1.49 0.00	25.15 1.70 0.00	44.88 3.03 0.00	73.57 5.04 0.00	42.00 2.10 -9.67	39.34 1.61 -15.41	38.81 2.07 -8.24	39.09 2.32 -0.28	40.14 2.39 -0.24	39.67 2.36 -0.93	38.85 2.12 -4.93	39.15 1.92 -7.69	62.11 0.99 -45.91	37.33 0.88 -22.09

RAVENSWOOD___2 23534	24.06 1.52 0.00	20.64 1.37 0.00	19.75 1.25 0.00	18.59 1.19 0.00	18.83 1.15 0.00	20.26 1.15 0.00	20.09 1.14 0.00	20.19 1.19 0.00	21.66 1.35 0.00	23.18 1.51 0.00	21.73 1.49 0.00	25.15 1.70 0.00	44.88 3.03 0.00	73.57 5.04 0.00	42.00 2.10 -9.67	39.34 1.61 -15.41	38.81 2.07 -8.24	39.09 2.32 -0.28	40.14 2.39 -0.24	39.67 2.36 -0.93	38.85 2.12 -4.93	39.15 1.92 -7.69	62.11 0.99 -45.91	37.33 0.88 -22.09
RAVENSWOOD___3 23535	24.02 1.48 0.00	20.61 1.34 0.00	19.72 1.23 0.00	18.58 1.17 0.00	18.82 1.13 0.00	20.25 1.14 0.00	20.06 1.11 0.00	20.17 1.17 0.00	21.63 1.31 0.00	23.16 1.49 0.00	21.71 1.47 0.00	25.11 1.67 0.00	44.85 2.99 0.00	73.51 4.97 0.00	41.97 2.07 -9.67	39.30 1.57 -15.41	38.78 2.03 -8.24	39.03 2.27 -0.28	40.10 2.35 -0.24	39.63 2.31 -0.93	38.81 2.09 -4.93	39.11 1.88 -7.69	62.09 0.97 -45.91	37.31 0.86 -22.09
RAVENSWOOD___4 23820	24.06 1.52 0.00	20.64 1.37 0.00	19.75 1.25 0.00	18.59 1.19 0.00	18.83 1.15 0.00	20.26 1.15 0.00	20.09 1.14 0.00	20.19 1.19 0.00	21.66 1.35 0.00	23.18 1.51 0.00	21.73 1.49 0.00	25.15 1.70 0.00	44.88 3.03 0.00	73.57 5.04 0.00	42.00 2.10 -9.67	39.34 1.61 -15.41	38.81 2.07 -8.24	39.09 2.32 -0.28	40.14 2.39 -0.24	39.67 2.36 -0.93	38.85 2.12 -4.93	39.15 1.92 -7.69	62.11 0.99 -45.91	37.33 0.88 -22.09
RCPI_TRUST___DRP 24196	24.01 1.47 0.00	20.60 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.80 1.12 0.00	20.24 1.13 0.00	20.05 1.11 0.00	20.17 1.17 0.00	21.62 1.30 0.00	23.14 1.46 0.00	21.69 1.46 0.00	25.12 1.67 0.00	44.86 3.00 0.00	73.48 4.95 0.00	41.99 2.09 -9.68	39.31 1.57 -15.42	38.79 2.04 -8.25	39.05 2.29 -0.28	40.11 2.36 -0.24	39.64 2.32 -0.93	38.81 2.09 -4.93	39.11 1.87 -7.70	62.11 0.97 -45.94	37.31 0.85 -22.10
RED___ROCHESTER 323720	20.49 -0.33 1.73	18.20 -0.30 0.77	15.49 -0.30 2.70	12.25 -0.34 4.82	14.46 -0.28 2.95	18.99 -0.11 0.00	18.81 -0.13 0.00	18.79 -0.17 0.04	17.34 -0.21 2.76	13.58 -0.27 7.82	15.29 -0.33 4.61	23.04 -0.34 0.07	32.62 -0.56 8.68	39.03 -0.80 28.71	27.69 -0.41 2.13	21.50 -0.33 0.49	28.15 -0.35 0.00	36.14 -0.27 0.07	36.76 -0.48 0.27	35.94 -0.44 0.00	29.27 -0.48 2.04	27.24 -0.49 1.82	14.62 -0.22 0.35	9.76 -0.15 4.45
REGAN___SOLAR 323812	25.23 2.69 0.00	21.40 2.12 0.00	20.41 1.92 0.00	19.13 1.72 0.00	19.43 1.75 0.00	21.05 1.95 0.00	20.90 1.96 0.00	20.85 1.85 0.00	22.30 1.99 0.00	23.69 2.01 0.00	21.63 1.40 0.00	24.97 1.52 0.00	44.24 2.38 0.00	73.64 5.11 0.00	33.50 3.27 0.00	25.16 2.84 0.00	32.32 3.82 0.00	41.51 5.03 0.00	42.66 5.15 0.00	41.42 5.04 0.00	36.21 4.42 0.00	33.67 4.13 0.00	17.20 1.99 0.00	16.15 1.80 0.00
RENSSELAER___COGEN 23796	22.95 0.41 0.00	19.74 0.46 0.00	18.94 0.45 0.00	17.94 0.53 0.00	18.19 0.51 0.00	19.52 0.41 0.00	19.32 0.38 0.00	19.40 0.41 0.00	20.80 0.48 0.00	22.17 0.49 0.00	20.71 0.48 0.00	23.98 0.53 0.00	42.80 0.94 0.00	70.07 1.53 0.00	30.87 0.63 0.00	22.77 0.45 0.00	29.19 0.70 0.00	37.23 0.75 0.00	38.30 0.78 0.00	37.12 0.74 0.00	32.48 0.69 0.00	30.13 0.59 0.00	15.52 0.32 0.00	14.65 0.29 0.00
REPUBLIC___115KV_BARTNBRK 55605	25.23 2.69 0.00	21.57 2.30 0.00	20.66 2.17 0.00	19.49 2.08 0.00	19.78 2.10 0.00	21.37 2.26 0.00	21.24 2.29 0.00	21.37 2.37 0.00	23.05 2.73 0.00	24.58 2.91 0.00	22.80 2.56 0.00	26.55 3.10 0.00	47.27 5.41 0.00	76.89 8.36 0.00	33.94 3.71 0.00	25.12 2.81 0.00	32.51 4.02 0.00	41.70 5.22 0.00	43.10 5.58 0.00	41.81 5.43 0.00	36.52 4.73 0.00	33.71 4.17 0.00	17.25 2.04 0.00	16.18 1.82 0.00
REVERE_CPPR_DRP 24186	23.28 0.73 0.00	19.75 0.48 0.00	18.92 0.43 0.00	17.83 0.42 0.00	18.08 0.40 0.00	19.54 0.43 0.00	19.40 0.46 0.00	19.42 0.43 0.00	20.76 0.45 0.00	22.01 0.46 0.12	19.81 0.36 0.78	23.97 0.52 0.00	43.12 1.26 0.00	70.55 2.35 0.33	31.28 1.05 0.00	23.10 0.78 0.00	29.42 0.92 0.00	37.83 1.35 0.00	38.92 1.41 0.00	37.84 1.46 0.00	33.13 1.33 0.00	30.78 1.24 0.00	15.70 0.50 0.00	14.75 0.39 0.00
REYNOLDS___115KV_TB3 80639	23.13 0.59 0.00	19.89 0.61 0.00	19.09 0.60 0.00	18.06 0.65 0.00	18.32 0.63 0.00	19.69 0.59 0.00	19.48 0.54 0.00	19.55 0.56 0.00	20.96 0.64 0.00	22.34 0.66 0.00	20.88 0.64 0.00	24.18 0.73 0.00	43.12 1.27 0.00	70.53 1.99 0.00	31.08 0.85 0.00	22.93 0.61 0.00	29.40 0.90 0.00	37.48 1.01 0.00	38.57 1.06 0.00	37.39 1.01 0.00	32.72 0.93 0.00	30.36 0.82 0.00	15.64 0.44 0.00	14.76 0.41 0.00
RIVERBAY___ 323610	24.30 1.75 0.00	20.83 1.56 0.00	19.89 1.40 0.00	18.73 1.32 0.00	18.98 1.30 0.00	20.41 1.31 0.00	20.26 1.32 0.00	20.29 1.29 0.00	21.76 1.45 0.00	23.30 1.62 0.00	21.83 1.59 0.00	25.31 1.87 0.00	45.25 3.40 0.00	74.09 5.55 0.00	42.25 2.36 -9.67	39.45 1.72 -15.41	38.94 2.20 -8.24	39.29 2.53 -0.28	40.35 2.60 -0.24	39.90 2.59 -0.93	39.06 2.34 -4.93	39.33 2.10 -7.69	62.21 1.09 -45.91	37.41 0.96 -22.09
RIVERSDE___115KV_TB3 55908	23.06 0.52 0.00	19.83 0.55 0.00	19.03 0.53 0.00	18.01 0.60 0.00	18.27 0.58 0.00	19.62 0.51 0.00	19.42 0.48 0.00	19.50 0.50 0.00	20.90 0.58 0.00	22.27 0.59 0.00	20.82 0.58 0.00	24.11 0.66 0.00	43.01 1.15 0.00	70.39 1.86 0.00	31.02 0.79 0.00	22.89 0.57 0.00	29.33 0.84 0.00	37.41 0.93 0.00	38.48 0.97 0.00	37.30 0.92 0.00	32.64 0.85 0.00	30.28 0.74 0.00	15.60 0.40 0.00	14.71 0.36 0.00
ROARING___BROOK_WT_PWR 323790	22.09 -0.45 0.00	18.71 -0.57 0.00	18.06 -0.43 0.00	16.98 -0.43 0.00	17.17 -0.51 0.00	18.41 -0.69 0.00	18.27 -0.67 0.00	18.30 -0.70 0.00	19.54 -0.77 0.00	13.47 -0.82 7.38	-27.30 -0.55 46.99	22.61 -0.83 0.00	40.32 -1.53 0.00	46.11 -2.48 19.94	29.30 -0.93 0.00	21.55 -0.76 0.00	27.52 -0.98 0.00	35.33 -1.15 0.00	36.44 -1.07 0.00	35.44 -0.95 0.00	31.13 -0.66 0.00	29.10 -0.44 0.00	14.88 -0.32 0.00	13.88 -0.48 0.00
ROCHESRG___115KV_T4 355643	20.31 -0.52 1.70	18.05 -0.47 0.76	15.40 -0.43 2.66	12.20 -0.45 4.75	14.36 -0.42 2.91	18.84 -0.27 0.00	18.67 -0.27 0.00	18.65 -0.31 0.04	17.23 -0.36 2.73	13.52 -0.44 7.72	15.18 -0.50 4.55	22.80 -0.58 0.07	32.30 -0.99 8.56	38.69 -1.53 28.32	27.38 -0.75 2.10	21.27 -0.57 0.48	27.83 -0.67 0.00	35.68 -0.73 0.07	36.29 -0.96 0.27	35.48 -0.90 0.00	28.92 -0.86 2.02	26.92 -0.83 1.80	14.46 -0.39 0.35	9.70 -0.27 4.39
ROCHESTER_9_IC 23652	20.40 -0.41 1.73	18.13 -0.37 0.77	15.45 -0.35 2.70	12.22 -0.38 4.82	14.40 -0.33 2.95	18.93 -0.18 0.00	18.75 -0.19 0.00	18.73 -0.23 0.04	17.29 -0.26 2.76	13.53 -0.33 7.82	15.23 -0.39 4.61	22.93 -0.45 0.07	32.43 -0.75 8.68	38.73 -1.10 28.71	27.53 -0.57 2.13	21.38 -0.44 0.49	28.00 -0.50 0.00	35.92 -0.49 0.07	36.54 -0.70 0.27	35.72 -0.66 0.00	29.11 -0.65 2.04	27.08 -0.64 1.82	14.55 -0.30 0.35	9.72 -0.19 4.45

ROCKVIEW_13_KV_LD 356306	24.04 1.50 0.00	20.62 1.35 0.00	19.74 1.24 0.00	18.58 1.17 0.00	18.83 1.15 0.00	20.27 1.16 0.00	20.07 1.13 0.00	20.18 1.18 0.00	21.63 1.31 0.00	23.15 1.47 0.00	21.70 1.47 0.00	25.15 1.70 0.00	44.91 3.05 0.00	73.57 5.04 0.00	42.03 2.14 -9.66	39.32 1.61 -15.39	38.82 2.09 -8.23	39.14 2.38 -0.28	40.21 2.46 -0.24	39.71 2.40 -0.93	38.87 2.15 -4.92	39.15 1.93 -7.68	62.13 0.99 -45.94	37.33 0.87 -22.10
ROME____115KV_TB2 80656	23.28 0.73 0.00	19.75 0.48 0.00	18.92 0.43 0.00	17.83 0.42 0.00	18.08 0.40 0.00	19.54 0.43 0.00	19.40 0.46 0.00	19.42 0.43 0.00	20.76 0.45 0.00	22.01 0.46 0.12	19.81 0.36 0.78	23.97 0.52 0.00	43.12 1.26 0.00	70.55 2.35 0.33	31.28 1.05 0.00	23.10 0.78 0.00	29.42 0.92 0.00	37.83 1.35 0.00	38.92 1.41 0.00	37.84 1.46 0.00	33.13 1.33 0.00	30.78 1.24 0.00	15.70 0.50 0.00	14.75 0.39 0.00
ROSETON___1 23587	23.65 1.10 0.00	20.28 1.00 0.00	19.42 0.93 0.00	18.30 0.89 0.00	18.55 0.86 0.00	19.97 0.87 0.00	19.78 0.83 0.00	19.87 0.87 0.00	21.30 0.98 0.00	22.78 1.10 0.00	21.34 1.10 0.00	24.70 1.26 0.00	44.10 2.25 0.00	72.30 3.76 0.00	31.81 1.58 0.00	23.51 1.20 0.00	30.07 1.57 0.00	38.26 1.78 0.00	39.34 1.83 0.00	38.16 1.78 0.00	33.40 1.60 0.00	30.97 1.43 0.00	15.93 0.73 0.00	15.02 0.66 0.00
ROSETON___2 23588	23.65 1.10 0.00	20.28 1.00 0.00	19.42 0.93 0.00	18.30 0.89 0.00	18.55 0.86 0.00	19.97 0.87 0.00	19.78 0.83 0.00	19.87 0.87 0.00	21.30 0.98 0.00	22.78 1.10 0.00	21.34 1.10 0.00	24.70 1.26 0.00	44.10 2.25 0.00	72.30 3.76 0.00	31.81 1.58 0.00	23.51 1.20 0.00	30.07 1.57 0.00	38.26 1.78 0.00	39.34 1.83 0.00	38.16 1.78 0.00	33.40 1.60 0.00	30.97 1.43 0.00	15.93 0.73 0.00	15.02 0.66 0.00
ROTTDRAM_115KV_TB3 80664	23.30 0.76 0.00	19.98 0.70 0.00	19.16 0.66 0.00	18.06 0.65 0.00	18.33 0.64 0.00	19.77 0.67 0.00	19.58 0.63 0.00	19.65 0.65 0.00	21.04 0.73 0.00	22.46 0.79 0.00	20.95 0.71 0.00	24.28 0.83 0.00	43.31 1.45 0.00	70.90 2.36 0.00	31.30 1.07 0.00	23.13 0.81 0.00	29.63 1.13 0.00	37.83 1.35 0.00	38.93 1.42 0.00	37.75 1.37 0.00	33.02 1.23 0.00	30.64 1.10 0.00	15.75 0.55 0.00	14.86 0.50 0.00
RUSSELL___1 23602	20.49 -0.32 1.73	18.21 -0.29 0.77	15.51 -0.28 2.70	12.28 -0.31 4.82	14.46 -0.28 2.95	18.99 -0.11 0.00	18.81 -0.13 0.00	18.79 -0.17 0.04	17.37 -0.18 2.76	13.62 -0.24 7.82	15.32 -0.30 4.61	23.04 -0.34 0.07	32.62 -0.56 8.68	39.06 -0.77 28.71	27.69 -0.42 2.13	21.49 -0.33 0.49	28.15 -0.35 0.00	36.14 -0.27 0.07	36.76 -0.48 0.27	35.94 -0.44 0.00	29.28 -0.47 2.04	27.24 -0.48 1.82	14.63 -0.22 0.35	9.78 -0.13 4.45
RUSSELL___2 23532	20.49 -0.32 1.73	18.21 -0.29 0.77	15.51 -0.28 2.70	12.28 -0.31 4.82	14.46 -0.28 2.95	18.99 -0.11 0.00	18.81 -0.13 0.00	18.79 -0.17 0.04	17.37 -0.18 2.76	13.62 -0.24 7.82	15.32 -0.30 4.61	23.04 -0.34 0.07	32.62 -0.56 8.68	39.06 -0.77 28.71	27.69 -0.42 2.13	21.49 -0.33 0.49	28.15 -0.35 0.00	36.14 -0.27 0.07	36.76 -0.48 0.27	35.94 -0.44 0.00	29.28 -0.47 2.04	27.24 -0.48 1.82	14.63 -0.22 0.35	9.78 -0.13 4.45
RUSSELL___3 23549	20.49 -0.32 1.73	18.21 -0.29 0.77	15.51 -0.28 2.70	12.28 -0.31 4.82	14.46 -0.28 2.95	18.99 -0.11 0.00	18.81 -0.13 0.00	18.79 -0.17 0.04	17.37 -0.18 2.76	13.62 -0.24 7.82	15.32 -0.30 4.61	23.04 -0.34 0.07	32.62 -0.56 8.68	39.06 -0.77 28.71	27.69 -0.42 2.13	21.49 -0.33 0.49	28.15 -0.35 0.00	36.14 -0.27 0.07	36.76 -0.48 0.27	35.94 -0.44 0.00	29.28 -0.47 2.04	27.24 -0.48 1.82	14.63 -0.22 0.35	9.78 -0.13 4.45
RUSSELL___4 23556	20.49 -0.32 1.73	18.21 -0.29 0.77	15.51 -0.28 2.70	12.28 -0.31 4.82	14.46 -0.28 2.95	18.99 -0.11 0.00	18.81 -0.13 0.00	18.79 -0.17 0.04	17.37 -0.18 2.76	13.62 -0.24 7.82	15.32 -0.30 4.61	23.04 -0.34 0.07	32.62 -0.56 8.68	39.06 -0.77 28.71	27.69 -0.42 2.13	21.49 -0.33 0.49	28.15 -0.35 0.00	36.14 -0.27 0.07	36.76 -0.48 0.27	35.94 -0.44 0.00	29.28 -0.47 2.04	27.24 -0.48 1.82	14.63 -0.22 0.35	9.78 -0.13 4.45
RUSSELL___STATION 23914	20.49 -0.32 1.73	18.21 -0.29 0.77	15.51 -0.28 2.70	12.28 -0.31 4.82	14.46 -0.28 2.95	18.99 -0.11 0.00	18.81 -0.13 0.00	18.79 -0.17 0.04	17.37 -0.18 2.76	13.62 -0.24 7.82	15.32 -0.30 4.61	23.04 -0.34 0.07	32.62 -0.56 8.68	39.06 -0.77 28.71	27.69 -0.42 2.13	21.49 -0.33 0.49	28.15 -0.35 0.00	36.14 -0.27 0.07	36.76 -0.48 0.27	35.94 -0.44 0.00	29.28 -0.47 2.04	27.24 -0.48 1.82	14.63 -0.22 0.35	9.78 -0.13 4.45
S SALMON___HYD 24043	22.41 -0.13 0.00	18.93 -0.34 0.00	18.15 -0.34 0.00	17.12 -0.29 0.00	17.30 -0.39 0.00	18.72 -0.39 0.00	18.58 -0.36 0.00	18.60 -0.40 0.00	19.86 -0.45 0.00	20.82 -0.54 0.31	17.68 -0.55 2.00	22.91 -0.53 0.00	41.25 -0.60 0.00	66.67 -1.02 0.85	29.76 -0.47 0.00	21.91 -0.41 0.00	27.98 -0.52 0.00	35.92 -0.55 0.00	37.21 -0.31 0.00	36.21 -0.17 0.00	31.57 -0.22 0.00	29.38 -0.16 0.00	14.97 -0.23 0.00	14.10 -0.25 0.00
S.PERRY___115KV_TB1 80734	18.18 -0.15 4.22	17.22 -0.17 1.89	11.69 -0.22 6.58	5.45 -0.22 11.74	10.34 -0.16 7.19	19.09 -0.01 0.00	18.90 -0.04 0.00	18.86 -0.04 0.10	13.31 -0.26 6.75	2.42 -0.08 19.17	8.77 -0.20 11.27	22.79 -0.49 0.16	19.88 -0.79 21.18	-1.00 -0.95 68.59	24.36 -0.67 5.20	20.76 -0.36 1.20	27.94 -0.56 0.00	35.87 -0.44 0.16	36.40 -0.45 0.66	36.38 0.00 0.00	27.27 -0.10 4.43	40.15 -0.07 -10.69	14.28 -0.06 0.86	3.46 -0.04 10.86
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.70 -0.86 2.98	17.14 -0.80 1.33	13.13 -0.71 4.65	8.38 -0.74 8.29	11.93 -0.68 5.08	18.65 -0.46 0.00	18.49 -0.46 0.00	18.42 -0.51 0.07	14.95 -0.60 4.76	7.42 -0.80 13.46	11.37 -0.91 7.95	22.27 -1.07 0.12	25.13 -1.78 14.95	15.94 -2.72 49.88	25.22 -1.34 3.67	20.51 -0.96 0.84	27.28 -1.21 0.00	34.88 -1.48 0.12	35.09 -1.96 0.47	34.48 -1.90 0.00	26.42 -1.70 3.68	20.70 -1.51 7.33	13.89 -0.71 0.61	6.21 -0.49 7.66
SAWYER___23_KV_LOAD 55526	18.70 -0.86 2.98	17.14 -0.80 1.33	13.13 -0.71 4.65	8.38 -0.74 8.29	11.93 -0.68 5.08	18.65 -0.46 0.00	18.49 -0.46 0.00	18.42 -0.51 0.07	14.95 -0.60 4.76	7.42 -0.80 13.46	11.37 -0.91 7.95	22.27 -1.07 0.12	25.13 -1.78 14.95	15.94 -2.72 49.88	25.22 -1.34 3.67	20.51 -0.96 0.84	27.28 -1.21 0.00	34.88 -1.48 0.12	35.09 -1.96 0.47	34.48 -1.90 0.00	26.42 -1.70 3.68	20.70 -1.51 7.33	13.89 -0.71 0.61	6.21 -0.49 7.66
SELKIRK___I 23801	23.11 0.57 0.00	19.86 0.58 0.00	19.07 0.58 0.00	18.03 0.62 0.00	18.29 0.60 0.00	19.67 0.56 0.00	19.47 0.52 0.00	19.55 0.55 0.00	20.95 0.64 0.00	22.32 0.65 0.00	20.77 0.54 0.00	24.04 0.59 0.00	43.01 1.16 0.00	70.47 1.93 0.00	31.04 0.81 0.00	22.94 0.62 0.00	29.42 0.92 0.00	37.55 1.07 0.00	38.63 1.11 0.00	37.47 1.09 0.00	32.77 0.98 0.00	30.41 0.87 0.00	15.64 0.44 0.00	14.76 0.41 0.00

SELKIRK___II 23799	23.02 0.48 0.00	19.78 0.51 0.00	18.98 0.49 0.00	17.94 0.53 0.00	18.20 0.51 0.00	19.56 0.46 0.00	19.37 0.43 0.00	19.44 0.45 0.00	20.83 0.52 0.00	22.22 0.54 0.00	20.76 0.52 0.00	24.03 0.58 0.00	42.89 1.03 0.00	70.26 1.73 0.00	30.94 0.71 0.00	22.84 0.52 0.00	29.27 0.77 0.00	37.33 0.85 0.00	38.40 0.89 0.00	37.22 0.84 0.00	32.57 0.78 0.00	30.23 0.69 0.00	15.56 0.36 0.00	14.69 0.33 0.00
SENECA OSWGO___HYD 24041	22.20 -0.34 0.00	18.97 -0.31 0.00	18.18 -0.31 0.00	17.12 -0.29 0.00	17.39 -0.29 0.00	18.81 -0.29 0.00	18.66 -0.29 0.00	18.72 -0.27 0.00	20.03 -0.29 0.00	21.36 -0.32 0.00	19.92 -0.31 0.00	23.11 -0.34 0.00	41.35 -0.51 0.00	67.70 -0.84 0.00	29.77 -0.46 0.00	21.99 -0.33 0.00	28.12 -0.38 0.00	36.01 -0.47 0.00	37.00 -0.52 0.00	35.92 -0.46 0.00	31.38 -0.41 0.00	29.13 -0.41 0.00	14.97 -0.23 0.00	14.18 -0.17 0.00
SENECA___115KV_TB3 355854	18.65 -0.67 3.22	17.23 -0.61 1.44	12.89 -0.58 5.02	7.85 -0.61 8.95	11.66 -0.54 5.48	18.77 -0.34 0.00	18.61 -0.33 0.00	18.56 -0.37 0.07	14.74 -0.43 5.14	6.54 -0.60 14.54	10.91 -0.75 8.58	22.43 -0.89 0.13	24.30 -1.41 16.15	12.61 -2.07 53.86	25.23 -1.04 3.96	20.68 -0.72 0.91	27.61 -0.89 0.00	35.31 -1.04 0.12	35.47 -1.54 0.51	34.89 -1.49 0.00	26.46 -1.37 3.96	20.57 -1.20 7.78	13.98 -0.56 0.66	5.71 -0.37 8.28
SENECA___ENERGY 23797	21.52 -0.37 0.65	18.66 -0.32 0.29	17.13 -0.35 1.01	15.26 -0.35 1.80	16.26 -0.32 1.11	18.85 -0.25 0.00	18.69 -0.26 0.00	18.74 -0.24 0.01	18.99 -0.30 1.03	18.37 -0.37 2.93	18.15 -0.37 1.72	23.05 -0.37 0.02	38.12 -0.52 3.22	57.10 -0.89 10.55	28.99 -0.45 0.79	21.78 -0.35 0.18	28.12 -0.38 0.00	36.03 -0.42 0.03	36.95 -0.46 0.10	35.99 -0.40 0.00	30.75 -0.32 0.71	29.69 -0.36 -0.51	14.86 -0.21 0.13	12.53 -0.18 1.65
SHOEMAKER___GT 23640	23.51 0.97 0.00	20.14 0.86 0.00	19.28 0.79 0.00	18.15 0.74 0.00	18.41 0.72 0.00	19.84 0.73 0.00	19.65 0.70 0.00	19.74 0.74 0.00	21.14 0.82 0.00	22.60 0.92 0.00	21.16 0.93 0.00	24.48 1.04 0.00	43.75 1.89 0.00	71.75 3.21 0.00	27.17 1.40 4.45	16.29 1.07 7.10	26.06 1.36 3.80	37.88 1.54 0.13	38.97 1.56 0.11	37.47 1.52 0.43	30.91 1.38 2.27	27.25 1.25 3.54	2.22 0.65 13.62	8.52 0.59 6.43
SHOEMAKR_138KV_BK 111 55601	23.51 0.96 0.00	20.13 0.86 0.00	19.28 0.78 0.00	18.15 0.74 0.00	18.40 0.72 0.00	19.83 0.73 0.00	19.64 0.70 0.00	19.73 0.74 0.00	21.13 0.82 0.00	22.60 0.92 0.00	21.16 0.92 0.00	24.50 1.05 0.00	43.76 1.90 0.00	71.76 3.23 0.00	27.41 1.41 4.23	16.66 1.08 6.74	26.26 1.37 3.61	37.90 1.54 0.12	38.99 1.58 0.10	37.50 1.53 0.41	31.03 1.39 2.15	27.43 1.25 3.37	2.91 0.65 12.94	8.84 0.58 6.10
SHOREHAM_IC_1 23715	55.22 2.46 -30.22	25.22 2.16 -3.78	20.58 2.08 -0.01	19.39 1.97 -0.01	19.64 1.96 0.00	21.10 1.99 0.00	20.61 1.66 0.00	20.36 1.36 0.00	21.94 1.62 0.00	23.43 1.76 0.00	27.63 1.91 -5.48	30.55 2.19 -4.91	45.44 3.58 0.00	75.73 5.70 -1.49	42.41 2.60 -9.57	39.56 1.98 -15.26	144.09 2.71 -112.88	77.68 2.95 -38.25	51.30 3.16 -10.62	40.45 3.13 -0.93	39.45 2.77 -4.89	39.60 2.44 -7.61	62.05 1.20 -45.65	37.30 0.97 -21.97
SHOREHAM_IC_2 23716	55.22 2.46 -30.22	25.22 2.16 -3.78	20.58 2.08 -0.01	19.39 1.97 -0.01	19.64 1.96 0.00	21.10 1.99 0.00	20.61 1.66 0.00	20.36 1.36 0.00	21.94 1.62 0.00	23.43 1.76 0.00	27.63 1.91 -5.48	30.55 2.19 -4.91	45.44 3.58 0.00	75.73 5.70 -1.49	42.41 2.60 -9.57	39.56 1.98 -15.26	144.09 2.71 -112.88	77.68 2.95 -38.25	51.30 3.16 -10.62	40.45 3.13 -0.93	39.45 2.77 -4.89	39.60 2.44 -7.61	62.05 1.20 -45.65	37.30 0.97 -21.97
SISSONVILLE____ 23735	22.52 -0.02 0.00	19.09 -0.18 0.00	18.32 -0.17 0.00	17.24 -0.17 0.00	17.51 -0.18 0.00	18.94 -0.16 0.00	18.84 -0.10 0.00	18.85 -0.15 0.00	20.08 -0.24 0.00	17.95 -0.29 3.44	-2.10 -0.45 21.87	23.14 -0.31 0.00	41.38 -0.48 0.00	68.93 -0.72 -1.11	37.25 -0.12 -7.14	22.24 -0.07 0.00	28.26 -0.24 0.00	36.33 -0.14 0.00	37.49 -0.02 0.00	36.38 -0.01 0.00	31.63 -0.16 0.00	29.55 0.01 0.00	15.14 -0.07 0.00	14.21 -0.15 0.00
SITHE_IND_GS1 24169	21.98 -0.56 0.00	18.79 -0.48 0.00	18.02 -0.47 0.00	16.96 -0.45 0.00	17.24 -0.45 0.00	18.65 -0.46 0.00	18.49 -0.46 0.00	18.53 -0.46 0.00	19.81 -0.50 0.00	21.13 -0.55 0.00	19.70 -0.54 0.00	22.81 -0.64 0.00	40.76 -1.10 0.00	66.69 -1.85 0.00	29.35 -0.88 0.00	21.68 -0.64 0.00	27.70 -0.79 0.00	35.47 -1.00 0.00	36.45 -1.07 0.00	35.37 -1.01 0.00	30.90 -0.90 0.00	28.69 -0.85 0.00	14.77 -0.43 0.00	14.02 -0.34 0.00
SITHE_IND_GS2 24170	21.98 -0.56 0.00	18.79 -0.48 0.00	18.02 -0.47 0.00	16.96 -0.45 0.00	17.24 -0.45 0.00	18.65 -0.46 0.00	18.49 -0.46 0.00	18.53 -0.46 0.00	19.81 -0.50 0.00	21.13 -0.55 0.00	19.70 -0.54 0.00	22.81 -0.64 0.00	40.76 -1.10 0.00	66.69 -1.85 0.00	29.35 -0.88 0.00	21.68 -0.64 0.00	27.70 -0.79 0.00	35.47 -1.00 0.00	36.45 -1.07 0.00	35.37 -1.01 0.00	30.90 -0.90 0.00	28.69 -0.85 0.00	14.77 -0.43 0.00	14.02 -0.34 0.00
SITHE_IND_GS3 24171	21.98 -0.56 0.00	18.79 -0.48 0.00	18.02 -0.47 0.00	16.96 -0.45 0.00	17.24 -0.45 0.00	18.65 -0.46 0.00	18.49 -0.46 0.00	18.53 -0.46 0.00	19.81 -0.50 0.00	21.13 -0.55 0.00	19.70 -0.54 0.00	22.81 -0.64 0.00	40.76 -1.10 0.00	66.69 -1.85 0.00	29.35 -0.88 0.00	21.68 -0.64 0.00	27.70 -0.79 0.00	35.47 -1.00 0.00	36.45 -1.07 0.00	35.37 -1.01 0.00	30.90 -0.90 0.00	28.69 -0.85 0.00	14.77 -0.43 0.00	14.02 -0.34 0.00
SITHE_IND_GS4 24172	21.98 -0.56 0.00	18.79 -0.48 0.00	18.02 -0.47 0.00	16.96 -0.45 0.00	17.24 -0.45 0.00	18.65 -0.46 0.00	18.49 -0.46 0.00	18.53 -0.46 0.00	19.81 -0.50 0.00	21.13 -0.55 0.00	19.70 -0.54 0.00	22.81 -0.64 0.00	40.76 -1.10 0.00	66.69 -1.85 0.00	29.35 -0.88 0.00	21.68 -0.64 0.00	27.70 -0.79 0.00	35.47 -1.00 0.00	36.45 -1.07 0.00	35.37 -1.01 0.00	30.90 -0.90 0.00	28.69 -0.85 0.00	14.77 -0.43 0.00	14.02 -0.34 0.00
SITHE___BATAVIA 24024	19.94 -0.27 2.34	17.96 -0.27 1.05	14.61 -0.24 3.64	10.62 -0.28 6.51	13.51 -0.20 3.98	19.16 0.05 0.00	18.99 0.04 0.00	18.89 -0.05 0.05	16.53 -0.05 3.73	10.99 -0.13 10.56	13.74 -0.26 6.23	23.15 -0.21 0.09	29.59 -0.55 11.72	29.01 -0.54 38.98	26.89 -0.47 2.88	21.23 -0.42 0.66	27.99 -0.51 0.00	35.96 -0.43 0.09	36.47 -0.68 0.37	35.83 -0.55 0.00	28.44 -0.51 2.84	24.48 -0.43 4.63	14.52 -0.20 0.48	8.28 -0.07 6.01
SITHE___INDEPEND 23800	21.98 -0.56 0.00	18.79 -0.48 0.00	18.02 -0.47 0.00	16.97 -0.44 0.00	17.24 -0.45 0.00	18.65 -0.46 0.00	18.49 -0.46 0.00	18.53 -0.46 0.00	19.82 -0.50 0.00	21.14 -0.54 0.00	19.70 -0.54 0.00	22.81 -0.64 0.00	40.76 -1.10 0.00	66.72 -1.82 0.00	29.35 -0.88 0.00	21.68 -0.64 0.00	27.70 -0.79 0.00	35.47 -1.01 0.00	36.45 -1.07 0.00	35.37 -1.01 0.00	30.90 -0.90 0.00	28.70 -0.84 0.00	14.77 -0.43 0.00	14.02 -0.34 0.00

SITHE___MASSENA 23902	22.42 -0.12 0.00	19.10 -0.18 0.00	18.34 -0.15 0.00	17.24 -0.17 0.00	17.53 -0.15 0.00	18.98 -0.12 0.00	18.87 -0.07 0.00	18.90 -0.10 0.00	20.14 -0.17 0.00	17.30 -0.21 4.17	-6.71 -0.40 26.54	23.22 -0.23 0.00	41.42 -0.44 0.00	58.46 -0.73 9.35	31.40 -0.15 -1.31	22.21 -0.11 0.00	28.24 -0.26 0.00	36.27 -0.21 0.00	37.31 -0.20 0.00	36.16 -0.22 0.00	31.48 -0.31 0.00	29.35 -0.19 0.00	15.10 -0.10 0.00	14.21 -0.15 0.00
SITHE___OGDNSBRG 24021	22.75 0.21 0.00	19.34 0.06 0.00	18.57 0.08 0.00	17.47 0.06 0.00	17.76 0.07 0.00	19.25 0.14 0.00	19.16 0.21 0.00	19.15 0.15 0.00	20.30 -0.01 0.00	17.86 -0.10 3.72	-3.77 -0.32 23.68	23.34 -0.11 0.00	41.81 -0.04 0.00	65.94 0.35 2.95	35.50 0.39 -4.88	22.61 0.29 0.00	28.73 0.23 0.00	36.83 0.35 0.00	38.04 0.52 0.00	36.84 0.46 0.00	31.99 0.19 0.00	29.88 0.34 0.00	15.33 0.13 0.00	14.40 0.05 0.00
SITHE___STERLING 23777	23.05 0.51 0.00	19.63 0.35 0.00	18.82 0.32 0.00	17.72 0.31 0.00	17.99 0.31 0.00	19.45 0.35 0.00	19.30 0.35 0.00	19.33 0.33 0.00	20.66 0.35 0.00	22.01 0.34 0.00	20.50 0.27 0.00	23.84 0.39 0.00	42.81 0.95 0.00	70.35 1.81 0.00	31.04 0.81 0.00	22.91 0.59 0.00	29.22 0.72 0.00	37.51 1.04 0.00	38.57 1.05 0.00	37.44 1.06 0.00	32.79 1.00 0.00	30.45 0.92 0.00	15.58 0.38 0.00	14.67 0.32 0.00
SLEIGHT__34_KV_TB1 80719	21.08 -0.45 1.02	18.42 -0.41 0.45	16.51 -0.39 1.59	14.18 -0.40 2.83	15.58 -0.37 1.73	18.83 -0.27 0.00	18.67 -0.27 0.00	18.69 -0.29 0.02	18.41 -0.29 1.62	16.73 -0.36 4.59	17.15 -0.38 2.70	23.01 -0.40 0.04	36.14 -0.63 5.09	50.73 -0.98 16.82	28.45 -0.53 1.25	21.61 -0.42 0.29	28.07 -0.43 0.00	36.00 -0.44 0.04	36.74 -0.62 0.16	35.85 -0.53 0.00	30.07 -0.52 1.20	27.93 -0.54 1.07	14.72 -0.28 0.21	11.53 -0.22 2.61
SOUTH CAIRO___GT 23612	23.81 1.26 0.00	20.44 1.16 0.00	19.60 1.11 0.00	18.54 1.14 0.00	18.81 1.12 0.00	20.22 1.11 0.00	20.03 1.08 0.00	20.16 1.16 0.00	21.65 1.33 0.00	23.07 1.39 0.00	21.39 1.15 0.00	24.76 1.31 0.00	44.38 2.52 0.00	73.03 4.50 0.00	32.15 1.92 0.00	23.75 1.44 0.00	30.68 2.18 0.00	39.16 2.68 0.00	40.25 2.74 0.00	38.99 2.61 0.00	34.08 2.28 0.00	31.54 2.00 0.00	16.18 0.98 0.00	15.21 0.85 0.00
SOUTH HAMPTN___IC 23720	55.13 2.91 -29.68	25.57 2.52 -3.78	20.87 2.37 -0.01	19.68 2.26 -0.01	19.89 2.21 0.00	21.38 2.27 0.00	20.92 1.97 0.00	20.70 1.70 0.00	22.34 2.02 0.00	23.89 2.21 0.00	27.94 2.22 -5.48	30.91 2.56 -4.91	46.00 4.14 0.00	76.54 6.51 -1.49	42.76 2.95 -9.57	39.81 2.23 -15.26	139.18 3.03 -107.66	74.68 3.38 -34.83	50.78 3.58 -9.69	40.83 3.51 -0.93	39.76 3.08 -4.89	39.83 2.67 -7.61	62.16 1.31 -45.65	37.37 1.05 -21.97
SOUTHDOW__115KV_TB1 355954	18.27 -0.56 3.72	17.11 -0.51 1.66	12.15 -0.54 5.80	6.58 -0.49 10.34	10.89 -0.46 6.33	18.77 -0.34 0.00	18.66 -0.29 0.00	18.65 -0.27 0.08	14.03 -0.34 5.94	4.46 -0.44 16.78	9.64 -0.68 9.92	22.55 -0.75 0.14	22.21 -0.98 18.66	5.34 -1.23 61.97	25.17 -0.48 4.58	21.07 -0.19 1.06	28.49 -0.01 0.00	35.92 -0.42 0.14	35.89 -1.04 0.58	35.42 -0.96 0.00	26.41 -0.90 4.48	22.53 -0.66 6.36	14.17 -0.28 0.76	4.58 -0.22 9.57
SOUTHOLD_69_KV_BK 2 55809	55.33 3.10 -29.68	25.72 2.66 -3.78	21.00 2.49 -0.01	19.80 2.38 -0.01	20.00 2.31 0.00	21.51 2.40 0.00	21.04 2.10 0.00	20.83 1.84 0.00	22.49 2.17 0.00	24.05 2.37 0.00	28.01 2.29 -5.48	31.04 2.69 -4.91	46.15 4.30 0.00	76.67 6.64 -1.49	42.84 3.03 -9.57	39.89 2.31 -15.26	139.33 3.12 -107.71	74.87 3.52 -34.87	50.92 3.71 -9.70	40.95 3.63 -0.93	39.85 3.17 -4.89	39.88 2.72 -7.61	62.20 1.34 -45.65	37.38 1.05 -21.97
SOUTHOLD___IC 23719	55.33 3.10 -29.68	25.72 2.66 -3.78	21.00 2.50 -0.01	19.81 2.39 -0.01	20.00 2.31 0.00	21.51 2.40 0.00	21.04 2.10 0.00	20.83 1.84 0.00	22.49 2.18 0.00	24.06 2.38 0.00	28.02 2.30 -5.48	31.04 2.69 -4.91	46.15 4.30 0.00	76.77 6.74 -1.49	42.83 3.03 -9.57	39.89 2.31 -15.26	139.33 3.12 -107.71	74.87 3.52 -34.87	50.93 3.71 -9.70	40.95 3.63 -0.93	39.86 3.18 -4.89	39.88 2.72 -7.61	62.20 1.34 -45.65	37.38 1.06 -21.97
SOUTH_FORK_WT_PWR 323839	55.36 3.14 -29.68	25.72 2.67 -3.78	20.99 2.49 -0.01	19.81 2.39 -0.01	19.98 2.29 0.00	21.48 2.37 0.00	21.03 2.09 0.00	20.80 1.80 0.00	22.46 2.15 0.00	24.00 2.33 0.00	27.88 2.16 -5.48	30.84 2.49 -4.91	45.70 3.84 0.00	76.00 5.97 -1.49	42.50 2.70 -9.57	39.63 2.05 -15.26	138.97 2.79 -107.68	74.42 3.10 -34.85	50.48 3.27 -9.69	40.52 3.20 -0.93	39.48 2.80 -4.89	39.51 2.36 -7.61	62.02 1.17 -45.65	37.21 0.89 -21.97
SPIERFLS_115KV_TB 1 80737	24.09 1.55 0.00	20.68 1.41 0.00	19.83 1.34 0.00	18.70 1.29 0.00	18.98 1.30 0.00	20.50 1.39 0.00	20.31 1.37 0.00	20.41 1.41 0.00	21.93 1.61 0.00	23.43 1.75 0.00	21.69 1.45 0.00	25.14 1.70 0.00	44.74 2.88 0.00	72.91 4.38 0.00	32.22 1.99 0.00	23.82 1.50 0.00	30.79 2.29 0.00	39.36 2.88 0.00	40.75 3.24 0.00	39.55 3.17 0.00	34.59 2.79 0.00	31.99 2.45 0.00	16.42 1.22 0.00	15.44 1.09 0.00
ST LAWRENCE___ 23600	22.15 -0.39 0.00	18.88 -0.39 0.00	18.13 -0.36 0.00	17.04 -0.37 0.00	17.33 -0.35 0.00	18.77 -0.34 0.00	18.65 -0.30 0.00	18.68 -0.32 0.00	19.92 -0.40 0.00	16.91 -0.44 4.32	-7.70 -0.44 27.50	22.99 -0.46 0.00	40.95 -0.91 0.00	55.32 -1.54 11.67	29.70 -0.53 0.00	21.92 -0.40 0.00	27.88 -0.61 0.00	35.81 -0.67 0.00	36.85 -0.67 0.00	35.70 -0.68 0.00	31.10 -0.70 0.00	28.98 -0.56 0.00	14.92 -0.28 0.00	14.04 -0.31 0.00
STATE_CA_115KV_115_LB 55624	23.08 0.54 0.00	19.85 0.57 0.00	19.03 0.54 0.00	18.02 0.61 0.00	18.28 0.60 0.00	19.62 0.51 0.00	19.43 0.49 0.00	19.52 0.52 0.00	20.92 0.60 0.00	22.29 0.62 0.00	20.84 0.60 0.00	24.14 0.69 0.00	43.09 1.24 0.00	70.55 2.01 0.00	31.10 0.87 0.00	22.95 0.63 0.00	29.41 0.91 0.00	37.49 1.02 0.00	38.56 1.04 0.00	37.38 0.99 0.00	32.70 0.91 0.00	30.33 0.79 0.00	15.62 0.42 0.00	14.72 0.36 0.00
STATE_ST_34_KV_LOAD 55959	23.08 -0.05 -0.59	19.50 -0.04 -0.27	19.36 -0.06 -0.92	19.00 -0.06 -1.65	18.64 -0.05 -1.01	19.11 0.00 0.00	18.93 -0.01 0.00	19.01 0.00 -0.01	21.28 0.00 -0.96	24.36 -0.03 -2.71	21.76 -0.08 -1.60	23.44 -0.03 -0.02	44.95 0.08 -3.02	78.70 0.12 -10.04	30.94 -0.03 -0.74	22.46 -0.03 -0.17	28.53 0.04 0.00	36.61 0.11 -0.02	37.67 0.07 -0.09	36.52 0.14 0.00	32.66 0.14 -0.73	30.87 0.07 -1.26	15.35 0.02 -0.12	15.94 0.04 -1.55
STATION 5_MISC_HYD 23604	20.40 -0.42 1.73	18.13 -0.37 0.77	15.42 -0.37 2.70	12.20 -0.39 4.82	14.40 -0.34 2.95	18.93 -0.18 0.00	18.75 -0.19 0.00	18.73 -0.23 0.04	17.27 -0.28 2.76	13.49 -0.36 7.82	15.21 -0.42 4.61	22.94 -0.44 0.07	32.43 -0.75 8.68	38.69 -1.14 28.71	27.53 -0.57 2.13	21.39 -0.44 0.49	27.99 -0.50 0.00	35.92 -0.49 0.07	36.54 -0.70 0.27	35.73 -0.65 0.00	29.09 -0.66 2.04	27.07 -0.65 1.82	14.55 -0.30 0.35	9.70 -0.21 4.45

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.67 -0.27 1.59	18.31 -0.25 0.71	15.75 -0.25 2.49	12.70 -0.27 4.44	14.73 -0.23 2.72	18.99 -0.11 0.00	18.83 -0.12 0.00	18.82 -0.14 0.04	17.62 -0.15 2.55	14.25 -0.21 7.22	15.75 -0.24 4.25	23.12 -0.27 0.06	33.49 -0.37 8.00	41.60 -0.49 26.45	27.95 -0.32 1.96	21.60 -0.27 0.45	28.26 -0.24 0.00	36.21 -0.21 0.06	36.95 -0.32 0.25	36.12 -0.26 0.00	29.64 -0.27 1.88	27.54 -0.32 1.68	14.71 -0.16 0.32	10.14 -0.12 4.10
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.38 -0.49 1.67	18.09 -0.43 0.75	15.46 -0.42 2.62	12.31 -0.44 4.66	14.43 -0.40 2.85	18.85 -0.26 0.00	18.68 -0.27 0.00	18.66 -0.30 0.04	17.32 -0.32 2.68	13.71 -0.39 7.58	15.33 -0.43 4.47	22.88 -0.50 0.06	32.62 -0.84 8.40	39.50 -1.24 27.80	27.54 -0.63 2.06	21.36 -0.48 0.48	27.96 -0.54 0.00	35.86 -0.55 0.06	36.52 -0.73 0.26	35.68 -0.70 0.00	29.11 -0.70 1.98	27.07 -0.70 1.76	14.52 -0.34 0.34	9.81 -0.24 4.31
STA_56____34_KV_BUS2 355983	20.38 -0.49 1.67	18.09 -0.43 0.75	15.46 -0.42 2.62	12.31 -0.44 4.66	14.43 -0.40 2.85	18.85 -0.26 0.00	18.68 -0.27 0.00	18.66 -0.30 0.04	17.32 -0.32 2.68	13.71 -0.39 7.58	15.33 -0.43 4.47	22.88 -0.50 0.06	32.62 -0.84 8.40	39.50 -1.24 27.80	27.54 -0.63 2.06	21.36 -0.48 0.48	27.96 -0.54 0.00	35.86 -0.55 0.06	36.52 -0.73 0.26	35.68 -0.70 0.00	29.11 -0.70 1.98	27.07 -0.70 1.76	14.52 -0.34 0.34	9.81 -0.24 4.31
STA_67____115KV_BK2 355882	20.37 -0.45 1.73	18.10 -0.40 0.77	15.42 -0.38 2.69	12.20 -0.40 4.81	14.38 -0.36 2.94	18.90 -0.21 0.00	18.72 -0.22 0.00	18.70 -0.26 0.04	17.26 -0.29 2.76	13.51 -0.36 7.81	15.20 -0.43 4.61	22.89 -0.49 0.07	32.35 -0.85 8.66	38.61 -1.27 28.66	27.47 -0.63 2.12	21.34 -0.48 0.49	27.93 -0.57 0.00	35.83 -0.58 0.07	36.44 -0.80 0.27	35.64 -0.74 0.00	29.03 -0.73 2.04	27.01 -0.71 1.82	14.52 -0.34 0.35	9.69 -0.22 4.44
STA_7____115KV_9TRANS 80674	20.49 -0.32 1.73	18.21 -0.29 0.77	15.51 -0.28 2.70	12.28 -0.31 4.82	14.46 -0.28 2.95	18.99 -0.11 0.00	18.81 -0.13 0.00	18.79 -0.17 0.04	17.37 -0.18 2.76	13.62 -0.24 7.82	15.32 -0.30 4.61	23.04 -0.34 0.07	32.62 -0.56 8.68	39.06 -0.77 28.71	27.69 -0.42 2.13	21.49 -0.33 0.49	28.15 -0.35 0.00	36.14 -0.27 0.07	36.76 -0.48 0.27	35.94 -0.44 0.00	29.28 -0.47 2.04	27.24 -0.48 1.82	14.63 -0.22 0.35	9.78 -0.13 4.45
STA_82____115KV_TB1 80780	20.35 -0.45 1.74	18.10 -0.39 0.78	15.40 -0.37 2.72	12.16 -0.40 4.85	14.36 -0.35 2.97	18.91 -0.20 0.00	18.73 -0.21 0.00	18.71 -0.25 0.04	17.24 -0.28 2.79	13.43 -0.36 7.89	15.17 -0.42 4.65	22.90 -0.48 0.07	32.29 -0.81 8.75	38.37 -1.22 28.95	27.46 -0.62 2.15	21.35 -0.47 0.49	27.95 -0.55 0.00	35.85 -0.56 0.07	36.46 -0.78 0.27	35.66 -0.72 0.00	29.02 -0.71 2.06	27.01 -0.70 1.84	14.52 -0.32 0.35	9.65 -0.22 4.49
STEEL____WIND 323596	18.60 -0.72 3.22	17.19 -0.65 1.44	12.83 -0.65 5.02	7.76 -0.68 8.97	11.62 -0.59 5.48	18.76 -0.35 0.00	18.60 -0.35 0.00	18.54 -0.38 0.07	14.68 -0.49 5.15	6.45 -0.69 14.54	10.81 -0.84 8.58	22.38 -0.95 0.13	24.21 -1.50 16.15	12.35 -2.32 53.86	25.15 -1.12 3.96	20.64 -0.77 0.91	27.54 -0.95 0.00	35.24 -1.12 0.12	35.37 -1.64 0.51	34.82 -1.56 0.00	26.37 -1.46 3.96	20.50 -1.26 7.78	13.95 -0.60 0.66	5.64 -0.43 8.28
STEPHTWN_115KV_BK_2 55603	23.19 0.65 0.00	19.90 0.63 0.00	19.11 0.62 0.00	18.08 0.68 0.00	18.33 0.64 0.00	19.69 0.58 0.00	19.49 0.55 0.00	19.62 0.62 0.00	20.98 0.66 0.00	22.37 0.69 0.00	20.91 0.67 0.00	24.28 0.83 0.00	43.33 1.47 0.00	70.91 2.38 0.00	31.27 1.04 0.00	23.03 0.72 0.00	29.57 1.07 0.00	37.74 1.26 0.00	38.82 1.30 0.00	37.62 1.24 0.00	32.86 1.07 0.00	30.52 0.98 0.00	15.67 0.47 0.00	14.77 0.41 0.00
STEBEN_REC_LFGE 323667	12.22 -1.07 9.25	14.24 -0.90 4.14	3.00 -1.04 14.45	-9.27 -0.92 25.76	1.02 -0.90 15.76	18.18 -0.93 0.00	17.98 -0.97 0.00	17.94 -0.85 0.21	4.56 -0.94 14.81	-21.22 -0.82 42.07	-5.30 -0.81 24.73	21.79 -1.30 0.36	-6.71 -2.07 46.50	-85.80 -1.50 152.85	17.25 -1.58 11.40	18.60 -1.09 2.63	27.17 -1.33 0.00	34.68 -1.44 0.36	34.56 -1.49 1.46	34.94 -1.44 0.00	20.19 -1.02 10.59	28.56 -0.98 -0.01	12.70 -0.61 1.89	-10.06 -0.59 23.83
STILLWATER____SOLAR 323814	23.77 1.23 0.00	20.39 1.12 0.00	19.57 1.08 0.00	18.47 1.06 0.00	18.74 1.06 0.00	20.23 1.12 0.00	20.02 1.07 0.00	20.09 1.09 0.00	21.55 1.23 0.00	23.00 1.33 0.00	21.40 1.17 0.00	24.79 1.34 0.00	44.21 2.35 0.00	72.19 3.65 0.00	31.92 1.69 0.00	23.59 1.27 0.00	30.32 1.82 0.00	38.74 2.27 0.00	39.92 2.41 0.00	38.73 2.35 0.00	33.87 2.07 0.00	31.38 1.84 0.00	16.13 0.92 0.00	15.20 0.84 0.00
STONY____BROOK 24151	57.90 2.45 -32.91	25.22 2.16 -3.78	20.53 2.02 -0.02	19.34 1.92 -0.02	19.60 1.92 0.00	21.04 1.93 -0.01	20.63 1.68 0.00	20.53 1.53 0.00	22.07 1.75 0.00	23.61 1.94 0.00	27.82 2.10 -5.48	30.77 2.41 -4.91	45.93 4.07 0.00	76.55 6.52 -1.49	42.80 2.99 -9.57	39.83 2.25 -15.27	172.40 3.02 -140.89	94.86 3.30 -55.07	56.26 3.52 -15.23	40.78 3.47 -0.94	39.76 3.07 -4.89	39.90 2.75 -7.61	62.21 1.36 -45.65	37.46 1.14 -21.97
STURGEON_POOL_HYD 23609	23.78 1.24 0.00	20.38 1.10 0.00	19.50 1.01 0.00	18.33 0.92 0.00	18.58 0.90 0.00	20.03 0.92 0.00	19.83 0.89 0.00	19.92 0.93 0.00	21.36 1.04 0.00	22.88 1.20 0.00	21.43 1.19 0.00	24.87 1.42 0.00	44.37 2.51 0.00	72.66 4.12 0.00	32.01 1.78 0.00	23.66 1.34 0.00	30.23 1.73 0.00	38.42 1.94 0.00	39.50 1.98 0.00	38.29 1.91 0.00	33.51 1.72 0.00	31.08 1.54 0.00	16.00 0.80 0.00	15.07 0.71 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.64 1.10 0.00	20.25 0.97 0.00	19.38 0.88 0.00	18.24 0.83 0.00	18.49 0.81 0.00	19.93 0.82 0.00	19.73 0.79 0.00	19.83 0.84 0.00	21.25 0.94 0.00	22.75 1.07 0.00	21.30 1.07 0.00	24.68 1.23 0.00	44.08 2.22 0.00	72.35 3.81 0.00	26.65 1.63 5.21	15.26 1.25 8.30	25.66 1.61 4.44	38.15 1.83 0.15	39.27 1.88 0.13	37.69 1.81 0.50	30.77 1.63 2.66	26.84 1.45 4.15	0.03 0.74 15.91	7.52 0.66 7.50
SWANROAD_115KV_TB1 355699	18.69 -1.10 2.76	17.07 -0.98 1.23	13.36 -0.84 4.30	8.87 -0.88 7.67	12.18 -0.82 4.69	18.53 -0.58 0.00	18.37 -0.57 0.00	18.21 -0.73 0.06	15.11 -0.79 4.40	8.24 -0.99 12.45	11.78 -1.11 7.35	21.99 -1.35 0.11	25.82 -2.21 13.83	19.09 -3.38 46.06	25.05 -1.79 3.39	20.22 -1.32 0.78	26.77 -1.73 0.00	34.28 -2.09 0.11	34.53 -2.55 0.43	33.89 -2.49 0.00	26.28 -2.13 3.38	21.46 -1.84 6.24	13.73 -0.91 0.56	6.67 -0.60 7.09
SYNERGY____BIOGAS 323694	19.94 -0.27 2.34	17.96 -0.27 1.05	14.61 -0.24 3.64	10.62 -0.28 6.51	13.51 -0.20 3.98	19.16 0.05 0.00	18.99 0.04 0.00	18.89 -0.05 0.05	16.53 -0.05 3.73	10.99 -0.13 10.56	13.74 -0.26 6.23	23.15 -0.21 0.09	29.59 -0.55 11.72	29.01 -0.54 38.98	26.89 -0.47 2.88	21.23 -0.42 0.66	27.99 -0.51 0.00	35.96 -0.43 0.09	36.47 -0.68 0.37	35.83 -0.55 0.00	28.44 -0.51 2.84	24.48 -0.43 4.63	14.52 -0.20 0.48	8.28 -0.07 6.01

SYRACUSE___ENERGY_ST1 323597	22.44 -0.09 0.00	19.19 -0.09 0.00	18.39 -0.10 0.00	17.31 -0.10 0.00	17.59 -0.10 0.00	19.04 -0.07 0.00	18.87 -0.08 0.00	18.94 -0.06 0.00	20.25 -0.06 0.00	21.60 -0.07 0.00	20.14 -0.10 0.00	23.37 -0.08 0.00	41.82 -0.04 0.00	68.47 -0.07 0.00	30.13 -0.10 0.00	22.25 -0.07 0.00	28.47 -0.03 0.00	36.48 0.00 0.00	37.47 -0.04 0.00	36.38 0.00 0.00	31.78 -0.01 0.00	29.48 -0.06 0.00	15.16 -0.04 0.00	14.35 -0.01 0.00
SYRACUSE___ENERGY_ST2 323598	22.44 -0.09 0.00	19.19 -0.09 0.00	18.39 -0.10 0.00	17.31 -0.10 0.00	17.59 -0.10 0.00	19.04 -0.07 0.00	18.87 -0.08 0.00	18.94 -0.06 0.00	20.25 -0.06 0.00	21.60 -0.07 0.00	20.14 -0.10 0.00	23.37 -0.08 0.00	41.82 -0.04 0.00	68.47 -0.07 0.00	30.13 -0.10 0.00	22.25 -0.07 0.00	28.47 -0.03 0.00	36.48 0.00 0.00	37.47 -0.04 0.00	36.38 0.00 0.00	31.78 -0.01 0.00	29.48 -0.06 0.00	15.16 -0.04 0.00	14.35 -0.01 0.00
SYRACUSE___POWER 24017	22.90 -0.09 -0.45	19.40 -0.08 -0.20	19.10 -0.10 -0.70	18.57 -0.09 -1.25	18.36 -0.09 -0.76	19.05 -0.06 0.00	18.88 -0.07 0.00	18.95 -0.06 -0.01	20.98 -0.06 -0.73	23.66 -0.08 -2.06	21.35 -0.10 -1.22	23.38 -0.09 -0.02	44.11 -0.04 -2.29	76.06 -0.04 -7.57	30.71 -0.08 -0.56	22.39 -0.06 -0.13	28.49 -0.01 0.00	36.52 0.02 -0.02	37.55 -0.04 -0.07	36.41 0.03 0.00	32.34 0.01 -0.54	29.98 -0.04 -0.48	15.26 -0.03 -0.09	15.52 -0.01 -1.17
TALLMAN__138KV_BK151 55660	23.79 1.25 0.00	20.36 1.09 0.00	19.48 0.99 0.00	18.34 0.93 0.00	18.59 0.90 0.00	20.03 0.92 0.00	19.83 0.88 0.00	19.94 0.94 0.00	21.37 1.06 0.00	22.89 1.22 0.00	21.45 1.21 0.00	24.83 1.39 0.00	44.38 2.52 0.00	72.91 4.37 0.00	25.20 1.85 6.88	12.74 1.40 10.97	24.45 1.82 5.87	38.33 2.05 0.20	39.45 2.11 0.17	37.75 2.04 0.66	30.11 1.83 3.51	25.69 1.62 5.48	-4.84 0.83 20.88	5.26 0.75 9.84
TEALLAVE_115KV_TB7 355573	22.36 -0.18 0.00	19.12 -0.16 0.00	18.32 -0.17 0.00	17.25 -0.16 0.00	17.53 -0.15 0.00	18.97 -0.13 0.00	18.80 -0.14 0.00	18.86 -0.13 0.00	20.18 -0.14 0.00	21.52 -0.16 0.00	20.06 -0.17 0.00	23.27 -0.18 0.00	41.65 -0.21 0.00	68.18 -0.36 0.00	30.00 -0.23 0.00	22.16 -0.16 0.00	28.34 -0.15 0.00	36.31 -0.16 0.00	37.29 -0.22 0.00	36.21 -0.18 0.00	31.63 -0.16 0.00	29.34 -0.20 0.00	15.09 -0.11 0.00	14.29 -0.07 0.00
TELGRAPH_34_KV_EAST 80808	19.38 -0.65 2.52	17.56 -0.60 1.13	14.06 -0.51 3.92	9.86 -0.55 7.00	12.91 -0.49 4.28	18.85 -0.25 0.00	18.69 -0.25 0.00	18.58 -0.37 0.06	15.91 -0.39 4.02	9.80 -0.52 11.36	12.88 -0.65 6.71	22.63 -0.72 0.10	27.93 -1.31 12.62	24.67 -1.86 42.01	26.07 -1.07 3.10	20.81 -0.79 0.71	27.46 -1.04 0.00	35.21 -1.17 0.10	35.58 -1.54 0.40	34.91 -1.47 0.00	27.44 -1.28 3.07	23.06 -1.10 5.37	14.15 -0.54 0.51	7.58 -0.31 6.47
TEMPLE___115KV_TB 2 55572	22.38 -0.17 0.00	19.13 -0.15 0.00	18.34 -0.15 0.00	17.26 -0.15 0.00	17.54 -0.14 0.00	18.98 -0.12 0.00	18.82 -0.13 0.00	18.88 -0.12 0.00	20.19 -0.12 0.00	21.54 -0.14 0.00	20.08 -0.16 0.00	23.29 -0.16 0.00	41.67 -0.19 0.00	68.25 -0.29 0.00	30.02 -0.21 0.00	22.17 -0.15 0.00	28.37 -0.13 0.00	36.34 -0.14 0.00	37.32 -0.19 0.00	36.23 -0.15 0.00	31.65 -0.15 0.00	29.35 -0.19 0.00	15.10 -0.11 0.00	14.29 -0.06 0.00
TIANA____69_KV_BK 1 55817	55.04 2.81 -29.68	25.49 2.44 -3.78	20.81 2.30 -0.01	19.61 2.19 -0.01	19.84 2.16 0.00	21.32 2.21 0.00	20.85 1.91 0.00	20.64 1.64 0.00	22.25 1.94 0.00	23.80 2.12 0.00	27.90 2.18 -5.48	30.88 2.53 -4.91	45.98 4.12 0.00	76.47 6.44 -1.49	42.76 2.96 -9.57	39.81 2.23 -15.26	139.24 3.04 -107.70	74.73 3.38 -34.87	50.80 3.59 -9.70	40.84 3.53 -0.93	39.78 3.10 -4.89	39.86 2.70 -7.61	62.18 1.33 -45.65	37.39 1.06 -21.97
TILDEN___115KV_TB1 80814	22.90 -0.09 -0.45	19.40 -0.08 -0.20	19.10 -0.10 -0.70	18.57 -0.09 -1.25	18.36 -0.09 -0.76	19.05 -0.06 0.00	18.88 -0.07 0.00	18.95 -0.06 -0.01	20.98 -0.06 -0.73	23.66 -0.08 -2.06	21.35 -0.10 -1.22	23.38 -0.09 -0.02	44.11 -0.04 -2.29	76.06 -0.04 -7.57	30.71 -0.08 -0.56	22.39 -0.06 -0.13	28.49 -0.01 0.00	36.52 0.02 -0.02	37.55 -0.04 -0.07	36.41 0.03 0.00	32.34 0.01 -0.54	29.98 -0.04 -0.48	15.26 -0.03 -0.09	15.52 -0.01 -1.17
TRIGEN___CC 323695	48.52 1.82 -24.16	24.67 1.62 -3.78	19.98 1.49 0.00	18.82 1.41 0.00	19.09 1.40 0.00	20.51 1.41 0.00	20.23 1.28 0.00	20.26 1.26 0.00	21.75 1.43 0.00	23.25 1.57 0.00	27.42 1.70 -5.48	30.31 1.95 -4.91	45.28 3.42 0.00	75.66 5.38 -1.74	42.18 2.38 -9.57	39.37 1.80 -15.26	39.01 2.35 -8.16	39.36 2.61 -0.28	40.50 2.74 -0.24	40.01 2.71 -0.93	39.08 2.41 -4.88	39.33 2.17 -7.61	61.94 1.09 -45.65	37.26 0.93 -21.97
TRINITY__115KV__4 BK 55933	22.99 0.45 0.00	19.77 0.49 0.00	18.97 0.48 0.00	17.96 0.55 0.00	18.22 0.53 0.00	19.55 0.45 0.00	19.36 0.42 0.00	19.44 0.44 0.00	20.83 0.52 0.00	22.20 0.52 0.00	20.75 0.51 0.00	24.03 0.58 0.00	42.88 1.02 0.00	70.18 1.65 0.00	30.92 0.70 0.00	22.81 0.50 0.00	29.25 0.75 0.00	37.30 0.82 0.00	38.37 0.86 0.00	37.19 0.81 0.00	32.54 0.75 0.00	30.18 0.64 0.00	15.55 0.35 0.00	14.67 0.31 0.00
UNION___PROCESSING_DRP 323587	20.37 -0.43 1.74	18.11 -0.39 0.78	15.41 -0.37 2.72	12.16 -0.39 4.85	14.36 -0.35 2.97	18.91 -0.19 0.00	18.74 -0.20 0.00	18.71 -0.25 0.04	17.25 -0.28 2.78	13.45 -0.35 7.88	15.18 -0.41 4.65	22.91 -0.47 0.07	32.30 -0.80 8.75	38.40 -1.20 28.93	27.48 -0.61 2.14	21.36 -0.46 0.49	27.96 -0.54 0.00	35.86 -0.55 0.07	36.47 -0.77 0.27	35.67 -0.71 0.00	29.04 -0.70 2.06	27.02 -0.69 1.84	14.53 -0.32 0.35	9.66 -0.21 4.48
UPPER HUDSON___HYD 24058	24.09 1.55 0.00	20.68 1.41 0.00	19.83 1.34 0.00	18.70 1.29 0.00	18.98 1.30 0.00	20.50 1.39 0.00	20.31 1.37 0.00	20.41 1.41 0.00	21.92 1.61 0.00	23.42 1.75 0.00	21.69 1.45 0.00	25.14 1.70 0.00	44.74 2.88 0.00	72.92 4.38 0.00	32.22 1.99 0.00	23.82 1.50 0.00	30.79 2.29 0.00	39.36 2.88 0.00	40.75 3.24 0.00	39.55 3.17 0.00	34.58 2.79 0.00	31.99 2.45 0.00	16.42 1.22 0.00	15.44 1.09 0.00
UPPER RAQUET___HYD 24056	22.53 -0.02 0.00	19.09 -0.18 0.00	18.33 -0.17 0.00	17.24 -0.17 0.00	17.51 -0.18 0.00	18.94 -0.16 0.00	18.84 -0.10 0.00	18.85 -0.15 0.00	20.08 -0.24 0.00	17.95 -0.29 3.44	-2.10 -0.45 21.87	23.14 -0.31 0.00	41.38 -0.47 0.00	68.93 -0.72 -1.11	37.25 -0.12 -7.14	22.24 -0.07 0.00	28.26 -0.24 0.00	36.33 -0.14 0.00	37.49 -0.02 0.00	36.38 -0.01 0.00	31.64 -0.16 0.00	29.55 0.01 0.00	15.14 -0.06 0.00	14.21 -0.15 0.00
VALLEY44_115KV_TB2 355964	18.49 -0.21 3.85	17.40 -0.15 1.72	12.29 -0.19 6.01	6.52 -0.18 10.71	10.96 -0.16 6.56	19.03 -0.07 0.00	18.84 -0.10 0.00	18.86 -0.05 0.09	14.13 -0.03 6.16	4.18 -0.14 17.36	9.53 -0.44 10.27	22.74 -0.56 0.15	21.87 -0.66 19.33	3.52 -0.91 64.11	24.85 -0.64 4.74	20.81 -0.42 1.09	28.11 -0.38 0.00	35.93 -0.40 0.15	36.13 -0.78 0.60	35.70 -0.68 0.00	26.63 -0.55 4.62	23.23 -0.40 5.91	14.24 -0.18 0.78	4.42 -0.03 9.90

VALLEY___115KV_TB 1-4 80826	22.64 0.10 0.00	19.42 0.14 0.00	18.60 0.10 0.00	17.53 0.12 0.00	17.80 0.11 0.00	19.15 0.04 0.00	18.96 0.02 0.00	18.99 -0.01 0.00	20.39 0.08 0.00	21.97 0.08 -0.21	21.56 -0.04 -1.36	23.40 -0.04 0.00	41.87 0.01 0.00	69.54 0.42 -0.58	30.37 0.14 0.00	22.49 0.17 0.00	28.85 0.35 0.00	37.06 0.58 0.00	38.21 0.70 0.00	37.10 0.71 0.00	32.52 0.73 0.00	30.20 0.66 0.00	15.51 0.31 0.00	14.60 0.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.83 0.67 -0.62	20.13 0.58 -0.28	19.99 0.53 -0.97	19.61 0.48 -1.72	19.21 0.48 -1.04	19.62 0.51 0.00	19.44 0.50 0.00	19.53 0.52 -0.01	21.91 0.59 -1.00	25.17 0.66 -2.83	22.52 0.62 -1.66	24.21 0.73 -0.02	46.38 1.38 -3.15	81.29 2.33 -10.42	32.05 1.05 -0.77	23.32 0.82 -0.18	29.60 1.10 0.00	37.84 1.33 -0.02	38.95 1.34 -0.10	37.69 1.30 0.00	33.68 1.14 -0.74	31.22 1.02 -0.66	15.83 0.50 -0.13	16.43 0.46 -1.62
VISCHER___FERRY HYD 24020	23.40 0.86 0.00	20.10 0.82 0.00	19.31 0.82 0.00	18.25 0.84 0.00	18.50 0.82 0.00	19.95 0.84 0.00	19.72 0.78 0.00	19.78 0.79 0.00	21.21 0.90 0.00	22.62 0.94 0.00	21.12 0.88 0.00	24.46 1.02 0.00	43.60 1.74 0.00	71.29 2.75 0.00	31.43 1.20 0.00	23.18 0.87 0.00	29.76 1.27 0.00	38.00 1.52 0.00	39.11 1.60 0.00	37.93 1.56 0.00	33.19 1.40 0.00	30.78 1.24 0.00	15.84 0.64 0.00	14.96 0.61 0.00
V_A_10_SYNC_DSASP 323832	19.41 -0.91 2.22	17.50 -0.78 1.00	14.28 -0.74 3.48	10.45 -0.75 6.21	13.21 -0.68 3.79	18.62 -0.49 0.00	18.45 -0.49 0.00	18.41 -0.54 0.05	16.08 -0.67 3.56	10.76 -0.86 10.06	13.35 -0.95 5.94	22.33 -1.03 0.09	28.88 -1.80 11.17	28.46 -2.90 37.18	26.13 -1.36 2.74	20.69 -0.99 0.63	27.25 -1.24 0.00	34.89 -1.50 0.09	35.29 -1.87 0.35	34.58 -1.80 0.00	27.44 -1.64 2.71	23.55 -1.50 4.49	14.05 -0.70 0.45	8.11 -0.52 5.73
V_CMM_10_SYNC_DSASP 323787	22.24 -0.30 0.00	18.96 -0.31 0.00	18.21 -0.28 0.00	17.12 -0.29 0.00	17.41 -0.28 0.00	18.85 -0.26 0.00	18.73 -0.21 0.00	18.76 -0.23 0.00	20.01 -0.31 0.00	17.01 -0.34 4.32	-7.60 -0.34 27.50	23.10 -0.35 0.00	41.14 -0.72 0.00	55.62 -1.24 11.67	29.84 -0.39 0.00	22.02 -0.30 0.00	28.01 -0.49 0.00	35.97 -0.51 0.00	37.00 -0.51 0.00	35.85 -0.53 0.00	31.23 -0.56 0.00	29.10 -0.44 0.00	14.98 -0.22 0.00	14.10 -0.25 0.00
V_CMP_10_SYNC_DSASP 323788	22.48 -0.06 0.00	19.24 -0.03 0.00	18.38 -0.12 0.00	17.16 -0.25 0.00	17.34 -0.35 0.00	18.68 -0.43 0.00	18.27 -0.68 0.00	18.17 -0.83 0.00	19.18 -1.13 0.00	16.46 -0.96 4.26	-7.81 -0.93 27.12	22.28 -1.17 0.00	39.27 -2.59 0.00	-22.01 -4.41 86.14	-22.92 -1.89 51.25	21.18 -1.14 0.00	27.30 -1.20 0.00	35.64 -0.84 0.00	36.97 -0.54 0.00	36.34 -0.04 0.00	31.51 -0.28 0.00	29.39 -0.15 0.00	15.08 -0.12 0.00	14.11 -0.25 0.00
V_D_10_SYNC_DSASP 323841	22.41 -0.12 0.00	19.10 -0.18 0.00	18.34 -0.15 0.00	17.24 -0.17 0.00	17.53 -0.15 0.00	18.98 -0.12 0.00	18.87 -0.07 0.00	18.90 -0.10 0.00	20.14 -0.17 0.00	17.28 -0.21 4.18	-6.77 -0.40 26.60	23.22 -0.23 0.00	41.42 -0.44 0.00	58.31 -0.73 9.50	31.31 -0.15 -1.23	22.20 -0.11 0.00	28.24 -0.26 0.00	36.27 -0.21 0.00	37.31 -0.20 0.00	36.16 -0.22 0.00	31.48 -0.31 0.00	29.35 -0.19 0.00	15.10 -0.10 0.00	14.21 -0.15 0.00
V_E_10_SYNC_DSASP 323830	27.02 0.73 -3.75	21.51 0.56 -1.68	24.80 0.45 -5.86	28.25 0.42 -10.42	24.48 0.43 -6.36	19.68 0.57 0.00	19.51 0.56 0.00	19.59 0.50 -0.09	26.83 0.50 -6.02	39.04 0.35 -17.02	30.52 0.26 -10.02	23.99 0.39 -0.15	61.91 1.16 -18.89	133.42 2.32 -62.56	36.02 1.16 -4.63	24.48 1.10 -1.07	30.01 1.52 0.00	38.84 2.22 -0.15	40.34 2.24 -0.59	38.56 2.18 0.00	38.32 2.06 -4.47	35.98 1.82 -4.62	16.81 0.84 -0.77	24.84 0.80 -9.68
V_F_30_NSYNC___DSASP 323816	23.79 1.25 0.00	20.41 1.14 0.00	19.58 1.09 0.00	18.48 1.07 0.00	18.75 1.07 0.00	20.24 1.14 0.00	20.03 1.09 0.00	20.11 1.11 0.00	21.57 1.25 0.00	23.02 1.35 0.00	21.44 1.20 0.00	24.84 1.39 0.00	44.30 2.44 0.00	72.35 3.82 0.00	31.98 1.75 0.00	23.62 1.31 0.00	30.37 1.87 0.00	38.79 2.32 0.00	39.96 2.45 0.00	38.77 2.39 0.00	33.91 2.12 0.00	31.41 1.87 0.00	16.14 0.94 0.00	15.21 0.86 0.00
V_F_30_SYNC_DSASP 323786	23.08 0.54 0.00	19.85 0.57 0.00	19.03 0.54 0.00	18.02 0.61 0.00	18.28 0.60 0.00	19.62 0.51 0.00	19.43 0.49 0.00	19.52 0.52 0.00	20.91 0.60 0.00	22.29 0.62 0.00	20.84 0.60 0.00	24.14 0.69 0.00	43.09 1.24 0.00	70.55 2.01 0.00	31.10 0.87 0.00	22.95 0.63 0.00	29.40 0.91 0.00	37.49 1.01 0.00	38.56 1.04 0.00	37.37 0.99 0.00	32.70 0.91 0.00	30.33 0.79 0.00	15.62 0.42 0.00	14.72 0.36 0.00
V_XM_10_SYNC_DSASP 323789	22.48 -0.06 0.00	19.24 -0.03 0.00	18.38 -0.12 0.00	17.16 -0.25 0.00	17.34 -0.35 0.00	18.68 -0.43 0.00	18.27 -0.68 0.00	18.17 -0.83 0.00	19.18 -1.13 0.00	16.46 -0.96 4.26	-7.81 -0.93 27.12	22.28 -1.17 0.00	39.27 -2.59 0.00	-22.01 -4.41 86.14	-22.92 -1.89 51.25	21.18 -1.14 0.00	27.30 -1.20 0.00	35.64 -0.84 0.00	36.97 -0.54 0.00	36.34 -0.04 0.00	31.51 -0.28 0.00	29.39 -0.15 0.00	15.08 -0.12 0.00	14.11 -0.25 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.87 1.33 0.00	20.44 1.16 0.00	19.55 1.06 0.00	18.40 0.99 0.00	18.65 0.97 0.00	20.09 0.99 0.00	19.90 0.96 0.00	20.01 1.01 0.00	21.46 1.14 0.00	22.97 1.30 0.00	21.53 1.29 0.00	24.93 1.48 0.00	44.55 2.69 0.00	73.17 4.64 0.00	25.26 1.98 6.95	12.73 1.49 11.08	24.51 1.94 5.93	38.48 2.20 0.20	39.60 2.26 0.17	37.90 2.19 0.67	30.21 1.96 3.54	25.76 1.75 5.53	-4.83 0.89 20.92	5.30 0.80 9.86
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.01 1.47 0.00	20.61 1.33 0.00	19.72 1.22 0.00	18.57 1.16 0.00	18.81 1.12 0.00	20.24 1.14 0.00	20.05 1.11 0.00	20.17 1.17 0.00	21.62 1.30 0.00	23.14 1.46 0.00	21.70 1.46 0.00	25.13 1.69 0.00	44.88 3.02 0.00	73.51 4.97 0.00	42.00 2.09 -9.68	39.32 1.58 -15.42	38.79 2.04 -8.25	39.07 2.31 -0.28	40.12 2.37 -0.24	39.64 2.33 -0.93	38.81 2.09 -4.93	39.12 1.88 -7.70	62.11 0.97 -45.94	37.31 0.85 -22.10
W50THST__13_KV_LOAD 356117	24.11 1.57 0.00	20.69 1.41 0.00	19.79 1.30 0.00	18.64 1.23 0.00	18.88 1.20 0.00	20.33 1.22 0.00	20.14 1.19 0.00	20.27 1.27 0.00	21.73 1.42 0.00	23.26 1.58 0.00	21.81 1.57 0.00	25.26 1.81 0.00	45.12 3.26 0.00	73.89 5.35 0.00	42.18 2.27 -9.68	39.46 1.72 -15.42	38.97 2.22 -8.25	39.27 2.51 -0.28	40.32 2.57 -0.24	39.84 2.52 -0.93	38.97 2.25 -4.93	39.27 2.03 -7.70	62.19 1.05 -45.94	37.38 0.92 -22.10
WADING RIVER_IC_1 23522	54.58 2.44 -29.60	25.20 2.14 -3.78	20.57 2.07 -0.01	19.38 1.97 -0.01	19.63 1.94 0.00	21.08 1.97 0.00	20.58 1.64 0.00	20.32 1.33 0.00	21.90 1.59 0.00	23.40 1.72 0.00	27.60 1.88 -5.48	30.50 2.15 -4.91	45.38 3.52 0.00	75.61 5.58 -1.49	42.35 2.55 -9.57	39.52 1.94 -15.26	138.31 2.66 -107.15	73.72 2.87 -34.37	50.16 3.08 -9.56	40.37 3.06 -0.93	39.39 2.71 -4.89	39.54 2.38 -7.61	62.02 1.17 -45.65	37.27 0.94 -21.97

WADING RIVER_IC_2 23547	54.58 2.44 -29.60	25.20 2.14 -3.78	20.57 2.07 -0.01	19.38 1.97 -0.01	19.63 1.94 0.00	21.08 1.97 0.00	20.58 1.64 0.00	20.32 1.33 0.00	21.90 1.59 0.00	23.40 1.72 0.00	27.60 1.88 -5.48	30.50 2.15 -4.91	45.38 3.52 0.00	75.61 5.58 -1.49	42.35 2.55 -9.57	39.52 1.94 -15.26	138.31 2.66 -107.15	73.72 2.87 -34.37	50.16 3.08 -9.56	40.37 3.06 -0.93	39.39 2.71 -4.89	39.54 2.38 -7.61	62.02 1.17 -45.65	37.27 0.94 -21.97
WADING RIVER_IC_3 23601	54.58 2.44 -29.60	25.20 2.14 -3.78	20.57 2.07 -0.01	19.38 1.97 -0.01	19.63 1.94 0.00	21.08 1.97 0.00	20.58 1.64 0.00	20.32 1.33 0.00	21.90 1.59 0.00	23.40 1.72 0.00	27.60 1.88 -5.48	30.50 2.15 -4.91	45.38 3.52 0.00	75.61 5.58 -1.49	42.35 2.55 -9.57	39.52 1.94 -15.26	138.31 2.66 -107.15	73.72 2.87 -34.37	50.16 3.08 -9.56	40.37 3.06 -0.93	39.39 2.71 -4.89	39.54 2.38 -7.61	62.02 1.17 -45.65	37.27 0.94 -21.97
WALDENNY_I2_KV_BK2 80841	18.71 -0.66 3.17	17.26 -0.60 1.42	12.99 -0.56 4.94	8.00 -0.60 8.82	11.76 -0.53 5.40	18.80 -0.31 0.00	18.63 -0.31 0.00	18.57 -0.36 0.07	14.84 -0.41 5.07	6.79 -0.58 14.31	11.07 -0.72 8.45	22.46 -0.86 0.12	24.61 -1.35 15.90	13.54 -1.98 53.01	25.30 -1.03 3.90	20.71 -0.71 0.90	27.62 -0.88 0.00	35.33 -1.03 0.12	35.49 -1.52 0.50	34.89 -1.49 0.00	26.54 -1.36 3.90	20.76 -1.18 7.61	14.00 -0.55 0.65	5.85 -0.36 8.15
WALDEN___HYDRO 24148	23.75 1.21 0.00	20.35 1.07 0.00	19.47 0.98 0.00	18.33 0.92 0.00	18.58 0.90 0.00	20.02 0.91 0.00	19.83 0.88 0.00	19.93 0.93 0.00	21.35 1.04 0.00	22.85 1.18 0.00	21.40 1.16 0.00	24.80 1.35 0.00	44.28 2.42 0.00	72.63 4.09 0.00	30.63 1.76 1.36	21.50 1.36 2.17	29.09 1.76 1.16	38.46 2.02 0.04	39.54 2.06 0.03	38.25 2.00 0.13	32.90 1.80 0.69	30.05 1.59 1.08	11.63 0.81 4.38	13.01 0.72 2.07
WARRENSBURG___ 23737	24.09 1.55 0.00	20.68 1.41 0.00	19.83 1.34 0.00	18.70 1.29 0.00	18.98 1.30 0.00	20.50 1.39 0.00	20.31 1.37 0.00	20.41 1.41 0.00	21.92 1.61 0.00	23.42 1.75 0.00	21.69 1.45 0.00	25.14 1.70 0.00	44.74 2.88 0.00	72.92 4.38 0.00	32.22 1.99 0.00	23.82 1.50 0.00	30.79 2.29 0.00	39.36 2.88 0.00	40.75 3.24 0.00	39.55 3.17 0.00	34.58 2.79 0.00	31.99 2.45 0.00	16.42 1.22 0.00	15.44 1.09 0.00
WATERSIDE___6 8 9 23538	24.05 1.51 0.00	20.64 1.37 0.00	19.74 1.25 0.00	18.59 1.18 0.00	18.83 1.14 0.00	20.26 1.15 0.00	20.08 1.14 0.00	20.18 1.18 0.00	21.65 1.33 0.00	23.16 1.49 0.00	21.71 1.48 0.00	25.15 1.70 0.00	44.88 3.02 0.00	73.52 4.98 0.00	42.00 2.11 -9.67	39.34 1.61 -15.41	38.81 2.07 -8.24	39.09 2.33 -0.28	40.14 2.39 -0.24	39.67 2.36 -0.93	38.84 2.12 -4.93	39.15 1.92 -7.69	62.11 0.99 -45.91	37.32 0.88 -22.09
WATKINRD_115KV_LN8_ILLION 55919	22.71 0.17 0.00	19.46 0.18 0.00	18.65 0.16 0.00	17.59 0.17 0.00	17.85 0.16 0.00	19.24 0.13 0.00	19.05 0.11 0.00	19.10 0.10 0.00	20.45 0.14 0.00	22.03 0.14 -0.21	21.67 0.08 -1.36	23.54 0.09 0.00	42.06 0.20 0.00	69.74 0.62 -0.58	30.50 0.27 0.00	22.56 0.25 0.00	28.90 0.40 0.00	36.99 0.51 0.00	38.07 0.56 0.00	36.95 0.57 0.00	32.34 0.55 0.00	30.02 0.48 0.00	15.43 0.23 0.00	14.53 0.18 0.00
WATSON___69_KV_BK 1 55734	52.12 2.52 -27.06	25.27 2.22 -3.78	20.56 2.06 -0.01	19.37 1.95 -0.01	19.64 1.96 0.00	21.09 1.98 0.00	20.71 1.76 0.00	20.65 1.65 0.00	22.19 1.87 0.00	23.73 2.05 0.00	27.92 2.20 -5.48	30.89 2.54 -4.91	46.16 4.31 0.00	76.87 6.83 -1.51	42.98 3.18 -9.57	39.99 2.42 -15.26	90.15 3.12 -58.53	58.25 3.36 -18.40	46.35 3.64 -5.20	41.01 3.71 -0.93	39.97 3.29 -4.88	40.11 2.95 -7.61	62.32 1.47 -45.65	37.56 1.24 -21.97
WDELAWARE___HYD 323627	23.47 0.92 0.00	20.06 0.78 0.00	19.19 0.70 0.00	18.04 0.63 0.00	18.29 0.61 0.00	19.73 0.63 0.00	19.56 0.62 0.00	19.67 0.68 0.00	21.09 0.78 0.00	22.56 0.89 0.00	20.53 0.29 0.00	23.86 0.41 0.00	42.45 0.60 0.00	69.56 1.03 0.00	30.70 0.47 0.00	22.78 0.47 0.00	29.09 0.60 0.00	37.05 0.57 0.00	38.08 0.57 0.00	36.89 0.51 0.00	32.30 0.50 0.00	30.04 0.50 0.00	15.89 0.69 0.00	14.94 0.58 0.00
WEST BABYLON___IC 23714	49.72 2.38 -24.80	25.15 2.10 -3.78	20.43 1.94 0.00	19.25 1.84 0.00	19.52 1.84 0.00	20.96 1.86 0.00	20.59 1.65 0.00	20.57 1.57 0.00	22.09 1.78 0.00	23.63 1.95 0.00	27.81 2.09 -5.48	30.77 2.42 -4.91	45.97 4.11 0.00	76.67 6.59 -1.54	42.81 3.01 -9.57	39.89 2.31 -15.26	51.58 2.98 -20.11	44.00 3.24 -4.28	42.33 3.48 -1.33	40.81 3.51 -0.93	39.80 3.13 -4.88	39.97 2.81 -7.61	62.26 1.40 -45.65	37.50 1.18 -21.97
WEST CANADA___HYD 24049	22.65 0.12 0.00	19.38 0.10 0.00	18.59 0.09 0.00	17.52 0.11 0.00	17.78 0.10 0.00	19.18 0.08 0.00	19.02 0.08 0.00	19.08 0.08 0.00	20.40 0.09 0.00	21.99 0.10 -0.21	21.70 0.10 -1.36	23.55 0.10 0.00	42.07 0.21 0.00	69.47 0.35 -0.58	30.38 0.15 0.00	22.43 0.11 0.00	28.66 0.17 0.00	36.66 0.18 0.00	37.70 0.19 0.00	36.57 0.19 0.00	32.00 0.21 0.00	29.72 0.18 0.00	15.28 0.08 0.00	14.43 0.07 0.00
WESTERN_NY_WIND 24143	19.88 -0.27 2.39	17.93 -0.28 1.07	14.54 -0.22 3.73	10.48 -0.27 6.66	13.40 -0.21 4.07	19.14 0.03 0.00	18.97 0.03 0.00	18.87 -0.07 0.05	16.46 -0.04 3.82	10.76 -0.11 10.81	13.62 -0.24 6.38	23.12 -0.23 0.09	29.25 -0.60 12.00	28.05 -0.56 39.93	26.78 -0.51 2.94	21.18 -0.45 0.68	27.95 -0.55 0.00	35.90 -0.48 0.09	36.41 -0.72 0.38	35.77 -0.61 0.00	28.33 -0.55 2.91	24.21 -0.47 4.86	14.50 -0.22 0.49	8.14 -0.07 6.15
WESTOVER___LESR 323668	22.46 -0.08 0.00	19.23 -0.05 0.00	18.42 -0.07 0.00	17.34 -0.07 0.00	17.62 -0.06 0.00	19.06 -0.05 0.00	18.89 -0.06 0.00	18.98 -0.02 0.00	20.25 -0.06 0.00	21.59 -0.09 0.00	20.10 -0.13 0.00	23.34 -0.11 0.00	41.80 -0.06 0.00	68.52 -0.01 0.00	30.19 -0.04 0.00	22.33 0.01 0.00	28.58 0.09 0.00	36.64 0.16 0.00	37.58 0.07 0.00	36.53 0.15 0.00	31.89 0.09 0.00	29.62 0.08 0.00	15.24 0.04 0.00	14.38 0.02 0.00
WETHRSFD_WT_PWR 323626	17.16 -1.12 4.27	16.37 -0.99 1.91	10.77 -1.06 6.66	4.53 -0.99 11.88	9.52 -0.89 7.27	18.33 -0.77 0.00	18.14 -0.80 0.00	18.10 -0.80 0.10	12.58 -0.91 6.83	1.19 -1.10 19.38	7.65 -1.19 11.40	21.82 -1.46 0.17	17.92 -2.50 21.43	-7.55 -3.72 72.37	23.29 -1.68 5.25	19.96 -1.14 1.21	27.08 -1.41 0.00	34.77 -1.55 0.17	34.75 -2.09 0.67	34.36 -2.02 0.00	24.33 -1.87 5.60	8.36 -1.71 19.47	13.47 -0.86 0.87	2.62 -0.75 10.98
WHAVSTOR_138KV_BK127 55557	23.77 1.23 0.00	20.36 1.09 0.00	19.48 0.99 0.00	18.34 0.93 0.00	18.59 0.90 0.00	20.02 0.91 0.00	19.82 0.88 0.00	19.93 0.93 0.00	21.36 1.04 0.00	22.87 1.20 0.00	21.43 1.19 0.00	24.82 1.37 0.00	44.34 2.48 0.00	72.80 4.27 0.00	25.07 1.80 6.96	12.59 1.37 11.10	24.33 1.78 5.94	38.28 2.00 0.20	39.39 2.05 0.17	37.70 1.99 0.67	30.04 1.79 3.55	25.60 1.59 5.54	-4.91 0.82 20.93	5.23 0.73 9.86

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.77 1.23 0.00	20.36 1.09 0.00	19.48 0.99 0.00	18.34 0.93 0.00	18.59 0.90 0.00	20.02 0.91 0.00	19.82 0.88 0.00	19.93 0.93 0.00	21.36 1.04 0.00	22.87 1.20 0.00	21.43 1.19 0.00	24.82 1.37 0.00	44.34 2.48 0.00	72.80 4.27 0.00	25.07 1.80 6.96	12.59 1.37 11.10	24.33 1.78 5.94	38.28 2.00 0.20	39.39 2.05 0.17	37.70 1.99 0.67	30.04 1.79 3.55	25.60 1.59 5.54	-4.91 0.82 20.93	5.23 0.73 9.86
WHITEHAL_115KV_TB1 80871	24.60 2.06 0.00	21.08 1.81 0.00	20.20 1.71 0.00	19.05 1.64 0.00	19.34 1.66 0.00	20.89 1.78 0.00	20.72 1.78 0.00	20.83 1.83 0.00	22.41 2.09 0.00	23.92 2.25 0.00	22.17 1.94 0.00	25.74 2.29 0.00	45.84 3.99 0.00	74.65 6.11 0.00	32.98 2.75 0.00	24.39 2.08 0.00	31.55 3.05 0.00	40.42 3.94 0.00	41.80 4.28 0.00	40.57 4.18 0.00	35.46 3.66 0.00	32.76 3.22 0.00	16.79 1.59 0.00	15.77 1.42 0.00
WHITEPLN_13_KV_LOAD 356215	24.17 1.62 0.00	20.72 1.45 0.00	19.83 1.34 0.00	18.67 1.26 0.00	18.91 1.23 0.00	20.37 1.26 0.00	20.18 1.23 0.00	20.29 1.29 0.00	21.75 1.44 0.00	23.29 1.61 0.00	21.82 1.59 0.00	25.30 1.85 0.00	45.20 3.34 0.00	74.08 5.54 0.00	43.04 2.37 -10.44	40.75 1.78 -16.65	39.70 2.30 -8.90	39.45 2.67 -0.31	40.52 2.75 -0.26	40.07 2.68 -1.01	39.49 2.37 -5.32	39.98 2.14 -8.31	64.35 1.09 -48.06	38.41 0.95 -23.10
WM_FLOYD_69_KV_BK2 356380	55.08 2.54 -30.00	25.29 2.23 -3.78	20.61 2.11 -0.01	19.43 2.01 -0.01	19.68 2.00 0.00	21.14 2.03 0.00	20.69 1.75 0.00	20.52 1.52 0.00	22.07 1.76 0.00	23.59 1.91 0.00	27.79 2.07 -5.48	30.74 2.38 -4.91	45.78 3.92 0.00	76.17 6.15 -1.49	42.64 2.84 -9.57	39.74 2.16 -15.26	141.45 2.95 -110.00	76.58 3.26 -36.84	51.22 3.47 -10.23	40.76 3.45 -0.93	39.74 3.05 -4.89	39.87 2.71 -7.61	62.20 1.34 -45.65	37.42 1.10 -21.97
WOODARD__115KV_TB2 355635	22.33 -0.21 0.00	19.10 -0.18 0.00	18.30 -0.19 0.00	17.23 -0.18 0.00	17.51 -0.18 0.00	18.94 -0.16 0.00	18.78 -0.17 0.00	18.84 -0.16 0.00	20.15 -0.16 0.00	21.49 -0.18 0.00	20.04 -0.20 0.00	23.25 -0.20 0.00	41.59 -0.27 0.00	68.08 -0.46 0.00	29.95 -0.28 0.00	22.12 -0.20 0.00	28.30 -0.20 0.00	36.25 -0.23 0.00	37.24 -0.27 0.00	36.16 -0.22 0.00	31.59 -0.20 0.00	29.30 -0.24 0.00	15.07 -0.13 0.00	14.26 -0.09 0.00
YORK___WARBASSE 23770	24.11 1.57 0.00	20.67 1.40 0.00	19.76 1.27 0.00	18.60 1.19 0.00	18.84 1.16 0.00	20.28 1.17 0.00	20.11 1.17 0.00	20.21 1.21 0.00	21.68 1.36 0.00	23.21 1.53 0.00	21.75 1.52 0.00	25.20 1.76 0.00	44.96 3.10 0.00	73.71 5.18 0.00	42.12 2.22 -9.67	39.40 1.68 -15.41	38.90 2.16 -8.24	39.22 2.46 -0.28	40.28 2.52 -0.24	39.81 2.50 -0.93	38.96 2.24 -4.93	39.26 2.03 -7.69	62.17 1.05 -45.91	37.37 0.92 -22.09