

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

09/14/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	28.94	27.16	26.16	26.18	27.82	26.37	25.34	28.81	25.64	24.90	25.50	27.63	52.44	55.17	56.45	42.26	41.14	51.86	72.63	69.49	50.00	42.21	30.65	34.64
24138	1.62	1.34	1.23	1.08	1.12	1.10	1.05	1.20	1.22	1.29	1.48	1.65	1.98	2.27	2.22	2.47	2.77	3.21	4.05	3.72	2.66	2.44	1.78	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.91	-19.09	-23.16	-5.45	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-8.82
74TH STREET_GT_1	28.99	27.21	26.23	26.23	27.87	26.42	25.40	28.87	25.70	24.94	25.54	27.67	52.50	55.24	56.51	42.32	41.22	51.96	72.83	69.70	50.16	42.31	30.72	34.71
24260	1.67	1.39	1.29	1.14	1.18	1.15	1.11	1.26	1.28	1.33	1.51	1.70	2.03	2.34	2.28	2.52	2.84	3.31	4.24	3.93	2.82	2.55	1.85	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.91	-19.09	-23.16	-5.45	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-8.83
74TH STREET_GT_2	28.99	27.21	26.23	26.23	27.87	26.42	25.40	28.87	25.70	24.94	25.54	27.67	52.50	55.24	56.51	42.32	41.22	51.96	72.83	69.70	50.16	42.31	30.72	34.71
24261	1.67	1.39	1.29	1.14	1.18	1.15	1.11	1.26	1.28	1.33	1.51	1.70	2.03	2.34	2.28	2.52	2.84	3.31	4.24	3.93	2.82	2.55	1.85	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.91	-19.09	-23.16	-5.45	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-8.83
ADK HUDSON___FALLS	29.73	27.99	26.97	27.09	28.81	27.34	26.37	29.98	26.38	25.31	25.34	27.32	11.65	16.09	9.02	31.42	41.62	52.77	74.88	71.94	52.10	43.64	30.87	17.41
24011	2.42	2.17	2.04	2.00	2.11	2.07	2.07	2.37	1.96	1.70	1.32	1.35	1.80	2.12	2.02	2.75	3.24	4.11	6.30	6.17	4.76	3.87	2.65	2.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.69	19.84	24.06	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.33	9.17
ADK RESOURCE___RCVRY	29.98	28.21	27.16	27.24	28.97	27.52	26.58	30.25	26.58	25.48	25.44	27.38	11.91	16.43	9.38	31.69	41.96	53.16	75.40	72.49	52.54	44.04	31.14	17.74
23798	2.66	2.39	2.22	2.15	2.28	2.25	2.29	2.64	2.16	1.87	1.41	1.40	1.88	2.30	2.17	2.97	3.58	4.51	6.82	6.72	5.20	4.27	2.92	2.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.52	19.67	23.86	5.62	0.00	0.00	0.00	0.00	0.00	0.00	0.33	9.09
ADK S GLENS___FALLS	29.73	27.99	26.97	27.09	28.81	27.34	26.37	29.98	26.38	25.31	25.34	27.32	11.65	16.09	9.02	31.42	41.62	52.77	74.88	71.94	52.10	43.64	30.87	17.41
24028	2.42	2.17	2.04	2.00	2.11	2.07	2.07	2.37	1.96	1.70	1.32	1.35	1.80	2.12	2.02	2.75	3.24	4.11	6.30	6.17	4.76	3.87	2.65	2.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.69	19.84	24.06	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.33	9.17
ADK_NYS___DAM	28.62	26.96	26.04	26.22	27.84	26.42	25.38	28.82	25.50	24.64	24.97	26.90	-11.90	-6.74	-18.56	23.85	39.92	50.37	70.80	67.98	49.28	41.37	29.03	6.11
23527	1.30	1.14	1.11	1.12	1.15	1.15	1.09	1.22	1.08	1.03	0.94	0.92	1.12	1.22	1.04	1.45	1.54	1.72	2.22	2.20	1.95	1.60	1.17	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.57	41.77	50.67	11.93	0.00	0.00	0.00	0.00	0.00	0.00	0.69	19.31
AIR_PRODUCTS___DRP	27.53	26.03	25.18	25.30	26.85	25.42	24.45	27.75	24.57	23.73	24.16	26.10	16.68	20.49	14.89	30.79	38.71	48.89	68.70	65.88	47.61	40.00	28.48	18.29
24190	0.22	0.21	0.24	0.21	0.16	0.15	0.15	0.14	0.14	0.13	0.13	0.13	0.18	0.15	0.17	0.30	0.33	0.24	0.12	0.11	0.27	0.22	0.15	0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.05	13.47	16.34	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.22	6.23
AKWESSNE_115KV_BK	27.30	25.81	24.93	25.05	26.68	25.33	24.35	27.71	24.53	23.73	24.15	26.14	30.78	33.99	31.16	34.40	38.42	48.81	68.99	66.24	47.53	39.80	28.54	24.38
355683	-0.02	-0.01	-0.01	-0.04	-0.01	0.06	0.05	0.10	0.11	0.11	0.12	0.16	0.23	0.18	0.09	0.06	0.04	0.16	0.41	0.47	0.19	0.03	-0.01	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	28.08	26.57	25.70	25.82	27.42	25.95	24.95	28.28	24.94	23.93	24.31	26.26	21.86	25.55	20.89	32.44	39.23	49.63	70.05	67.27	48.62	40.84	29.16	20.98
323833	0.77	0.75	0.76	0.73	0.73	0.68	0.65	0.68	0.52	0.32	0.28	0.28	0.40	0.46	0.39	0.59	0.86	0.97	1.47	1.50	1.28	1.07	0.76	0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.09	8.71	10.57	2.49	0.00	0.00	0.00	0.00	0.00	0.00	0.14	4.03
ALBANY_2_SOLAR	28.08	26.57	25.69	25.82	27.41	25.93	24.94	28.28	24.93	23.93	24.30	26.25	21.86	25.55	20.88	32.43	39.22	49.61	70.05	67.26	48.60	40.83	29.15	20.97
323834	0.77	0.75	0.75	0.72	0.72	0.66	0.65	0.68	0.51	0.32	0.28	0.28	0.40	0.45	0.38	0.58	0.84	0.96	1.46	1.49	1.26	1.06	0.74	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.09	8.71	10.57	2.49	0.00	0.00	0.00	0.00	0.00	0.00	0.14	4.03
ALBANY___1	27.53	26.03	25.18	25.30	26.85	25.42	24.45	27.75	24.57	23.73	24.16	26.10	16.68	20.49	14.89	30.79	38.71	48.89	68.70	65.88	47.61	40.00	28.48	18.29
23571	0.22	0.21	0.24	0.21	0.16	0.15	0.15	0.14	0.14	0.13	0.13	0.13	0.18	0.15	0.17	0.30	0.33	0.24	0.12	0.11	0.27	0.22	0.15	0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.05	13.47	16.34	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.22	6.23

ALBANY___2 23572	27.53 0.22 0.00	26.03 0.21 0.00	25.18 0.24 0.00	25.30 0.21 0.00	26.85 0.16 0.00	25.42 0.15 0.00	24.45 0.15 0.00	27.75 0.14 0.00	24.57 0.14 0.00	23.73 0.13 0.00	24.16 0.13 0.00	26.10 0.13 0.00	16.68 0.18 14.05	20.49 0.15 13.47	14.89 0.17 16.34	30.79 0.30 3.85	38.71 0.33 0.00	48.89 0.24 0.00	68.70 0.12 0.00	65.88 0.11 0.00	47.61 0.27 0.00	40.00 0.22 0.00	28.48 0.15 0.22	18.29 0.17 6.23
ALBANY___3 23573	27.53 0.22 0.00	26.03 0.21 0.00	25.18 0.24 0.00	25.30 0.21 0.00	26.85 0.16 0.00	25.42 0.15 0.00	24.45 0.15 0.00	27.75 0.14 0.00	24.57 0.14 0.00	23.73 0.13 0.00	24.16 0.13 0.00	26.10 0.13 0.00	16.68 0.18 14.05	20.49 0.15 13.47	14.89 0.17 16.34	30.79 0.30 3.85	38.71 0.33 0.00	48.89 0.24 0.00	68.70 0.12 0.00	65.88 0.11 0.00	47.61 0.27 0.00	40.00 0.22 0.00	28.48 0.15 0.22	18.29 0.17 6.23
ALBANY___4 23574	27.53 0.22 0.00	26.03 0.21 0.00	25.18 0.24 0.00	25.30 0.21 0.00	26.85 0.16 0.00	25.42 0.15 0.00	24.45 0.15 0.00	27.75 0.14 0.00	24.57 0.14 0.00	23.73 0.13 0.00	24.16 0.13 0.00	26.10 0.13 0.00	16.68 0.18 14.05	20.49 0.15 13.47	14.89 0.17 16.34	30.79 0.30 3.85	38.71 0.33 0.00	48.89 0.24 0.00	68.70 0.12 0.00	65.88 0.11 0.00	47.61 0.27 0.00	40.00 0.22 0.00	28.48 0.15 0.22	18.29 0.17 6.23
ALBANY___LFGE 323615	27.81 0.50 0.00	26.29 0.47 0.00	25.43 0.49 0.00	25.55 0.45 0.00	27.12 0.42 0.00	25.68 0.40 0.00	24.69 0.39 0.00	28.02 0.41 0.00	24.80 0.38 0.00	23.96 0.34 0.00	24.37 0.35 0.00	26.34 0.37 0.00	15.54 0.49 15.50	19.44 0.50 14.86	13.54 0.50 18.03	30.80 0.71 4.25	39.18 0.80 0.00	49.48 0.83 0.00	69.58 0.99 0.00	66.70 0.92 0.00	48.19 0.85 0.00	40.47 0.70 0.00	28.79 0.48 0.25	17.91 0.43 6.87
ALCOA_PA_115KV_PL-6C 55860	27.33 0.02 0.00	25.83 0.01 0.00	24.94 0.01 0.00	25.08 -0.02 0.00	26.72 0.02 0.00	25.38 0.11 0.00	24.39 0.10 0.00	27.77 0.16 0.00	24.56 0.14 0.00	23.73 0.12 0.00	24.16 0.14 0.00	26.13 0.16 0.00	30.77 0.22 0.00	34.00 0.19 0.00	31.17 0.10 0.00	34.37 0.03 0.00	38.39 0.01 0.00	48.81 0.15 0.00	69.11 0.52 0.00	66.49 0.71 0.00	47.69 0.35 0.00	39.92 0.14 0.00	28.59 0.04 0.00	24.42 0.07 0.00
ALCOA_RYNLDS___DRP 24188	27.33 0.02 0.00	25.83 0.01 0.00	24.94 0.01 0.00	25.08 -0.02 0.00	26.72 0.02 0.00	25.38 0.11 0.00	24.39 0.10 0.00	27.77 0.16 0.00	24.56 0.14 0.00	23.73 0.12 0.00	24.16 0.14 0.00	26.13 0.16 0.00	30.77 0.22 0.00	34.00 0.19 0.00	31.17 0.10 0.00	34.37 0.03 0.00	38.39 0.01 0.00	48.81 0.15 0.00	69.11 0.52 0.00	66.49 0.71 0.00	47.69 0.35 0.00	39.92 0.14 0.00	28.59 0.04 0.00	24.42 0.07 0.00
ALCOA___DSASP 323711	27.33 0.02 0.00	25.83 0.01 0.00	24.94 0.01 0.00	25.08 -0.02 0.00	26.72 0.02 0.00	25.38 0.11 0.00	24.40 0.10 0.00	27.77 0.16 0.00	24.56 0.14 0.00	23.73 0.12 0.00	24.16 0.14 0.00	26.14 0.16 0.00	30.77 0.22 0.00	34.00 0.19 0.00	31.17 0.10 0.00	34.37 0.03 0.00	38.39 0.01 0.00	48.81 0.15 0.00	69.10 0.52 0.00	66.49 0.71 0.00	47.69 0.35 0.00	39.92 0.15 0.00	28.59 0.04 0.00	24.42 0.07 0.00
ALLEGHENY___COGEN 23514	28.36 1.04 0.00	26.85 1.03 0.00	25.70 0.77 0.00	25.93 0.84 0.00	27.62 0.93 0.00	26.25 0.98 0.00	25.28 0.99 0.00	28.71 1.10 0.00	24.83 0.41 0.00	23.64 0.03 0.00	23.95 -0.07 0.00	26.06 0.09 0.00	30.83 0.28 0.00	34.06 0.25 0.00	31.48 0.41 0.00	34.27 -0.07 0.00	38.48 0.11 0.00	48.87 0.22 0.00	70.85 2.27 0.00	69.10 3.33 0.00	49.63 2.30 0.00	41.63 1.86 0.00	29.88 1.33 0.00	25.32 0.97 0.00
ALTAMONT_115KV_TB 2 55880	27.87 0.56 0.00	26.31 0.49 0.00	25.43 0.49 0.00	25.57 0.48 0.00	27.17 0.48 0.00	25.69 0.42 0.00	24.70 0.40 0.00	28.04 0.43 0.00	24.81 0.39 0.00	23.95 0.34 0.00	24.38 0.35 0.00	26.35 0.37 0.00	22.02 0.47 9.00	25.71 0.53 8.63	21.10 0.50 10.47	32.52 0.65 2.47	39.15 0.77 0.00	49.47 0.81 0.00	69.58 0.99 0.00	66.71 0.93 0.00	48.18 0.84 0.00	40.50 0.73 0.14	28.93 0.52 0.00	20.82 0.45 3.99
ALTONA_WT_PWR 323606	28.20 0.88 0.00	26.63 0.81 0.00	25.73 0.79 0.00	25.87 0.78 0.00	27.52 0.83 0.00	26.28 1.01 0.00	25.31 1.02 0.00	28.77 1.16 0.00	25.40 0.98 0.00	24.50 0.89 0.00	25.01 0.99 0.00	27.21 1.23 0.00	31.89 1.34 0.00	35.37 1.56 0.00	32.40 1.33 0.00	35.90 1.56 0.00	40.22 1.84 0.00	50.88 2.22 0.00	72.18 3.60 0.00	69.81 4.04 0.00	50.15 2.81 0.00	41.80 2.03 0.00	29.80 1.25 0.00	25.40 1.04 0.00
AMERICAN_REF_FUEL 24010	26.54 -0.78 0.00	25.29 -0.53 0.00	24.21 -0.72 0.00	24.39 -0.70 0.00	26.03 -0.67 0.00	24.81 -0.46 0.00	23.91 -0.38 0.00	27.01 -0.59 0.00	23.59 -0.83 0.00	23.03 -0.58 0.00	23.30 -0.73 0.00	25.40 -0.57 0.00	30.01 -0.54 0.00	32.95 -0.86 0.00	30.28 -0.79 0.00	32.88 -1.46 0.00	36.43 -1.95 0.00	46.22 -2.43 0.00	65.92 -2.66 0.00	63.21 -2.56 0.00	45.29 -2.05 0.00	38.22 -1.55 0.00	27.68 -0.87 0.00	23.70 -0.65 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.27 -0.05 0.00	25.96 0.14 0.00	24.78 -0.16 0.00	25.08 -0.01 0.00	26.74 0.04 0.00	25.38 0.11 0.00	24.36 0.07 0.00	27.80 0.19 0.00	24.18 -0.23 0.00	23.59 -0.02 0.00	23.93 -0.09 0.00	26.14 0.16 0.00	30.87 0.32 0.00	33.96 0.15 0.00	31.26 0.19 0.00	33.91 -0.43 0.00	37.64 -0.73 0.00	48.11 -0.54 0.00	68.62 0.04 0.00	65.95 0.18 0.00	46.94 -0.39 0.00	39.59 -0.18 0.00	28.59 0.04 0.00	24.22 -0.13 0.00
ARTHUR KILL_GT_1 23520	29.01 1.70 0.00	27.23 1.41 0.00	26.24 1.30 0.00	26.24 1.15 0.00	27.89 1.19 0.00	26.43 1.16 0.00	25.42 1.12 0.00	28.88 1.28 0.00	25.68 1.27 0.00	24.91 1.30 0.00	25.47 1.45 0.00	27.63 1.66 0.00	52.45 1.98 -19.91	55.20 2.30 -19.09	56.50 2.26 -23.16	42.23 2.43 -5.45	41.19 2.81 0.00	51.95 3.30 0.00	72.68 4.10 0.00	69.49 3.72 0.00	50.02 2.68 0.00	42.16 2.40 0.00	30.51 1.64 -0.32	34.56 1.38 -8.83
ARTHUR_KILL_2 23512	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.23 0.00	26.16 1.07 0.00	27.81 1.12 0.00	26.36 1.09 0.00	25.35 1.05 0.00	28.80 1.19 0.00	25.62 1.19 0.00	24.83 1.22 0.00	25.40 1.38 0.00	27.56 1.58 0.00	52.36 1.89 -19.91	55.10 2.20 -19.09	56.41 2.18 -23.16	42.11 2.31 -5.45	41.05 2.67 0.00	51.77 3.11 0.00	72.40 3.81 0.00	69.21 3.43 0.00	49.81 2.47 0.00	42.00 2.23 0.00	30.40 1.54 -0.32	34.48 1.30 -8.83
ARTHUR_KILL_3 23513	28.70 1.39 0.00	26.93 1.11 0.00	25.96 1.02 0.00	25.97 0.88 0.00	27.59 0.90 0.00	26.16 0.89 0.00	25.14 0.84 0.00	28.57 0.96 0.00	25.42 1.00 0.00	24.66 1.05 0.00	25.25 1.23 0.00	27.36 1.38 0.00	52.12 1.66 -19.91	54.82 1.92 -19.09	56.14 1.91 -23.16	41.91 2.11 -5.45	40.74 2.36 0.00	51.35 2.70 0.00	72.00 3.42 0.00	68.94 3.16 0.00	49.59 2.25 0.00	41.87 2.10 0.00	30.41 1.54 -0.32	34.46 1.28 -8.83

ARTHUR_KILL_COGEN 323718	29.01 1.70 0.00	27.23 1.41 0.00	26.24 1.30 0.00	26.24 1.15 0.00	27.88 1.19 0.00	26.43 1.16 0.00	25.42 1.12 0.00	28.88 1.28 0.00	25.69 1.27 0.00	24.90 1.29 0.00	25.47 1.45 0.00	27.63 1.66 0.00	52.45 1.99 -19.91	55.20 2.30 -19.09	56.50 2.28 -23.16	42.23 2.44 -5.45	41.18 2.81 0.00	51.95 3.30 0.00	72.68 4.10 0.00	69.49 3.72 0.00	50.01 2.68 0.00	42.17 2.40 0.00	30.51 1.64 -0.32	34.56 1.38 -8.83
ASHOKAN____ 23654	28.33 1.02 0.00	26.67 0.85 0.00	25.74 0.81 0.00	25.82 0.72 0.00	27.42 0.73 0.00	25.96 0.69 0.00	24.97 0.68 0.00	28.38 0.77 0.00	25.17 0.75 0.00	24.25 0.64 0.00	24.65 0.62 0.00	26.64 0.66 0.00	31.61 1.06 0.00	34.84 1.03 0.00	32.24 1.17 0.00	35.88 1.54 0.00	40.18 1.80 0.00	50.91 2.26 0.00	71.70 3.12 0.00	68.74 2.97 0.00	49.53 2.19 0.00	41.52 1.75 0.00	29.72 1.17 0.00	25.30 0.95 0.00
ASTORIA_EAST_ENERGY_CC1 323581	28.75 1.43 0.00	26.99 1.17 0.00	26.02 1.08 0.00	25.99 0.90 0.00	27.65 0.96 0.00	26.19 0.93 0.00	25.23 0.94 0.00	28.60 0.99 0.00	25.52 1.10 0.00	24.73 1.12 0.00	25.29 1.26 0.00	27.40 1.42 0.00	52.15 1.69 -19.91	54.88 1.98 -19.09	56.16 1.93 -23.16	41.94 2.15 -5.45	40.75 2.37 0.00	51.41 2.76 0.00	72.08 3.50 0.00	68.99 3.22 0.00	49.69 2.35 0.00	42.00 2.23 0.00	30.48 1.62 -0.32	34.54 1.36 -8.83
ASTORIA_EAST_ENERGY_CC2 323582	28.75 1.43 0.00	26.99 1.17 0.00	26.02 1.08 0.00	25.99 0.90 0.00	27.65 0.96 0.00	26.19 0.93 0.00	25.23 0.94 0.00	28.60 0.99 0.00	25.52 1.10 0.00	24.73 1.12 0.00	25.29 1.26 0.00	27.40 1.42 0.00	52.15 1.69 -19.91	54.88 1.98 -19.09	56.16 1.93 -23.16	41.94 2.15 -5.45	40.75 2.37 0.00	51.41 2.76 0.00	72.08 3.50 0.00	68.99 3.22 0.00	49.69 2.35 0.00	42.00 2.23 0.00	30.48 1.62 -0.32	34.54 1.36 -8.83
ASTORIA_GT2_1 24094	28.76 1.45 0.00	27.00 1.18 0.00	26.04 1.10 0.00	26.01 0.91 0.00	27.67 0.97 0.00	26.20 0.93 0.00	25.25 0.95 0.00	28.61 1.00 0.00	25.54 1.11 0.00	24.75 1.14 0.00	25.29 1.27 0.00	27.41 1.44 0.00	52.17 1.71 -19.91	54.90 2.00 -19.09	56.17 1.94 -23.16	41.96 2.16 -5.45	40.78 2.40 0.00	51.44 2.78 0.00	72.12 3.54 0.00	69.02 3.25 0.00	49.73 2.40 0.00	42.03 2.26 0.00	30.49 1.63 -0.32	34.54 1.36 -8.83
ASTORIA_GT2_2 24095	28.76 1.45 0.00	27.00 1.18 0.00	26.04 1.10 0.00	26.01 0.91 0.00	27.67 0.97 0.00	26.20 0.93 0.00	25.25 0.95 0.00	28.61 1.00 0.00	25.54 1.11 0.00	24.75 1.14 0.00	25.29 1.27 0.00	27.41 1.44 0.00	52.17 1.71 -19.91	54.90 2.00 -19.09	56.17 1.94 -23.16	41.96 2.16 -5.45	40.78 2.40 0.00	51.44 2.78 0.00	72.12 3.54 0.00	69.02 3.25 0.00	49.73 2.40 0.00	42.03 2.26 0.00	30.49 1.63 -0.32	34.54 1.36 -8.83
ASTORIA_GT2_3 24096	28.76 1.45 0.00	27.00 1.18 0.00	26.04 1.10 0.00	26.01 0.91 0.00	27.67 0.97 0.00	26.20 0.93 0.00	25.25 0.95 0.00	28.61 1.00 0.00	25.54 1.11 0.00	24.75 1.14 0.00	25.29 1.27 0.00	27.41 1.44 0.00	52.17 1.71 -19.91	54.90 2.00 -19.09	56.17 1.94 -23.16	41.96 2.16 -5.45	40.78 2.40 0.00	51.44 2.78 0.00	72.12 3.54 0.00	69.02 3.25 0.00	49.73 2.40 0.00	42.03 2.26 0.00	30.49 1.63 -0.32	34.54 1.36 -8.83
ASTORIA_GT2_4 24097	28.76 1.45 0.00	27.00 1.18 0.00	26.04 1.10 0.00	26.01 0.91 0.00	27.67 0.97 0.00	26.20 0.93 0.00	25.25 0.95 0.00	28.61 1.00 0.00	25.54 1.11 0.00	24.75 1.14 0.00	25.29 1.27 0.00	27.41 1.44 0.00	52.17 1.71 -19.91	54.90 2.00 -19.09	56.17 1.94 -23.16	41.96 2.16 -5.45	40.78 2.40 0.00	51.44 2.78 0.00	72.12 3.54 0.00	69.02 3.25 0.00	49.73 2.40 0.00	42.03 2.26 0.00	30.49 1.63 -0.32	34.54 1.36 -8.83
ASTORIA_GT3_1 24098	28.76 1.45 0.00	27.00 1.18 0.00	26.04 1.10 0.00	26.01 0.91 0.00	27.67 0.97 0.00	26.20 0.93 0.00	25.25 0.95 0.00	28.61 1.00 0.00	25.54 1.11 0.00	24.75 1.14 0.00	25.29 1.27 0.00	27.41 1.44 0.00	52.17 1.71 -19.91	54.90 2.00 -19.09	56.17 1.94 -23.16	41.96 2.16 -5.45	40.78 2.40 0.00	51.44 2.78 0.00	72.12 3.54 0.00	69.02 3.25 0.00	49.73 2.40 0.00	42.03 2.26 0.00	30.49 1.63 -0.32	34.54 1.36 -8.83
ASTORIA_GT3_2 24099	28.76 1.45 0.00	27.00 1.18 0.00	26.04 1.10 0.00	26.01 0.91 0.00	27.67 0.97 0.00	26.20 0.93 0.00	25.25 0.95 0.00	28.61 1.00 0.00	25.54 1.11 0.00	24.75 1.14 0.00	25.29 1.27 0.00	27.41 1.44 0.00	52.17 1.71 -19.91	54.90 2.00 -19.09	56.17 1.94 -23.16	41.96 2.16 -5.45	40.78 2.40 0.00	51.44 2.78 0.00	72.12 3.54 0.00	69.02 3.25 0.00	49.73 2.40 0.00	42.03 2.26 0.00	30.49 1.63 -0.32	34.54 1.36 -8.83
ASTORIA_GT3_3 24100	28.76 1.45 0.00	27.00 1.18 0.00	26.04 1.10 0.00	26.01 0.91 0.00	27.67 0.97 0.00	26.20 0.93 0.00	25.25 0.95 0.00	28.61 1.00 0.00	25.54 1.11 0.00	24.75 1.14 0.00	25.29 1.27 0.00	27.41 1.44 0.00	52.17 1.71 -19.91	54.90 2.00 -19.09	56.17 1.94 -23.16	41.96 2.16 -5.45	40.78 2.40 0.00	51.44 2.78 0.00	72.12 3.54 0.00	69.02 3.25 0.00	49.73 2.40 0.00	42.03 2.26 0.00	30.49 1.63 -0.32	34.54 1.36 -8.83
ASTORIA_GT3_4 24101	28.76 1.45 0.00	27.00 1.18 0.00	26.04 1.10 0.00	26.01 0.91 0.00	27.67 0.97 0.00	26.20 0.93 0.00	25.25 0.95 0.00	28.61 1.00 0.00	25.54 1.11 0.00	24.75 1.14 0.00	25.29 1.27 0.00	27.41 1.44 0.00	52.17 1.71 -19.91	54.90 2.00 -19.09	56.17 1.94 -23.16	41.96 2.16 -5.45	40.78 2.40 0.00	51.44 2.78 0.00	72.12 3.54 0.00	69.02 3.25 0.00	49.73 2.40 0.00	42.03 2.26 0.00	30.49 1.63 -0.32	34.54 1.36 -8.83
ASTORIA_GT4_1 24102	28.76 1.45 0.00	27.00 1.18 0.00	26.04 1.10 0.00	26.01 0.91 0.00	27.67 0.97 0.00	26.20 0.93 0.00	25.25 0.95 0.00	28.61 1.00 0.00	25.54 1.11 0.00	24.75 1.14 0.00	25.29 1.27 0.00	27.41 1.44 0.00	52.17 1.71 -19.91	54.90 2.00 -19.09	56.17 1.94 -23.16	41.96 2.16 -5.45	40.78 2.40 0.00	51.44 2.78 0.00	72.12 3.54 0.00	69.02 3.25 0.00	49.73 2.40 0.00	42.03 2.26 0.00	30.49 1.63 -0.32	34.54 1.36 -8.83
ASTORIA_GT4_2 24103	28.76 1.45 0.00	27.00 1.18 0.00	26.04 1.10 0.00	26.01 0.91 0.00	27.67 0.97 0.00	26.20 0.93 0.00	25.25 0.95 0.00	28.61 1.00 0.00	25.54 1.11 0.00	24.75 1.14 0.00	25.29 1.27 0.00	27.41 1.44 0.00	52.17 1.71 -19.91	54.90 2.00 -19.09	56.17 1.94 -23.16	41.96 2.16 -5.45	40.78 2.40 0.00	51.44 2.78 0.00	72.12 3.54 0.00	69.02 3.25 0.00	49.73 2.40 0.00	42.03 2.26 0.00	30.49 1.63 -0.32	34.54 1.36 -8.83
ASTORIA_GT4_3 24104	28.76 1.45 0.00	27.00 1.18 0.00	26.04 1.10 0.00	26.01 0.91 0.00	27.67 0.97 0.00	26.20 0.93 0.00	25.25 0.95 0.00	28.61 1.00 0.00	25.54 1.11 0.00	24.75 1.14 0.00	25.29 1.27 0.00	27.41 1.44 0.00	52.17 1.71 -19.91	54.90 2.00 -19.09	56.17 1.94 -23.16	41.96 2.16 -5.45	40.78 2.40 0.00	51.44 2.78 0.00	72.12 3.54 0.00	69.02 3.25 0.00	49.73 2.40 0.00	42.03 2.26 0.00	30.49 1.63 -0.32	34.54 1.36 -8.83

ASTORIA_GT4_4 24105	28.76 1.45 0.00	27.00 1.18 0.00	26.04 1.10 0.00	26.01 0.91 0.00	27.67 0.97 0.00	26.20 0.93 0.00	25.25 0.95 0.00	28.61 1.00 0.00	25.54 1.11 0.00	24.75 1.14 0.00	25.29 1.27 0.00	27.41 1.44 0.00	52.17 1.71 -19.91	54.90 2.00 -19.09	56.17 1.94 -23.16	41.96 2.16 -5.45	40.78 2.40 0.00	51.44 2.78 0.00	72.12 3.54 0.00	69.02 3.25 0.00	49.73 2.40 0.00	42.03 2.26 0.00	30.49 1.63 -0.32	34.54 1.36 -8.83
ASTORIA_GT_1 23523	28.82 1.50 0.00	27.04 1.22 0.00	26.08 1.14 0.00	26.04 0.95 0.00	27.71 1.01 0.00	26.25 0.98 0.00	25.28 0.99 0.00	28.66 1.05 0.00	25.57 1.15 0.00	24.80 1.19 0.00	25.34 1.32 0.00	27.47 1.49 0.00	52.24 1.77 -19.91	54.97 2.07 -19.09	56.24 2.01 -23.16	42.03 2.24 -5.45	40.86 2.49 0.00	51.56 2.90 0.00	72.28 3.70 0.00	69.17 3.40 0.00	49.83 2.49 0.00	42.11 2.34 0.00	30.56 1.69 -0.32	34.59 1.41 -8.83
ASTORIA_GT_10 24110	28.82 1.51 0.00	27.06 1.24 0.00	26.09 1.15 0.00	26.08 0.99 0.00	27.73 1.04 0.00	26.28 1.01 0.00	25.28 0.98 0.00	28.68 1.08 0.00	25.56 1.14 0.00	24.79 1.18 0.00	25.36 1.33 0.00	27.48 1.50 0.00	52.26 1.79 -19.91	54.98 2.08 -19.09	56.27 2.04 -23.16	42.04 2.25 -5.45	40.91 2.53 0.00	51.54 2.88 0.00	72.20 3.62 0.00	69.08 3.30 0.00	49.74 2.41 0.00	42.02 2.25 0.00	30.50 1.64 -0.32	34.54 1.37 -8.83
ASTORIA_GT_11 24225	28.82 1.51 0.00	27.06 1.24 0.00	26.09 1.15 0.00	26.08 0.99 0.00	27.73 1.04 0.00	26.28 1.01 0.00	25.28 0.98 0.00	28.68 1.08 0.00	25.56 1.14 0.00	24.79 1.18 0.00	25.36 1.33 0.00	27.48 1.50 0.00	52.26 1.79 -19.91	54.98 2.08 -19.09	56.27 2.04 -23.16	42.04 2.25 -5.45	40.91 2.53 0.00	51.54 2.88 0.00	72.20 3.62 0.00	69.08 3.30 0.00	49.74 2.41 0.00	42.02 2.25 0.00	30.50 1.64 -0.32	34.54 1.37 -8.83
ASTORIA_GT_12 24226	28.82 1.51 0.00	27.06 1.24 0.00	26.09 1.15 0.00	26.08 0.99 0.00	27.73 1.04 0.00	26.28 1.01 0.00	25.28 0.98 0.00	28.68 1.08 0.00	25.56 1.14 0.00	24.79 1.18 0.00	25.36 1.33 0.00	27.48 1.50 0.00	52.26 1.79 -19.91	54.98 2.08 -19.09	56.27 2.04 -23.16	42.04 2.25 -5.45	40.91 2.53 0.00	51.54 2.88 0.00	72.20 3.62 0.00	69.08 3.30 0.00	49.74 2.41 0.00	42.02 2.25 0.00	30.50 1.64 -0.32	34.54 1.37 -8.83
ASTORIA_GT_13 24227	28.82 1.51 0.00	27.06 1.24 0.00	26.09 1.15 0.00	26.08 0.99 0.00	27.73 1.04 0.00	26.28 1.01 0.00	25.28 0.98 0.00	28.68 1.08 0.00	25.56 1.14 0.00	24.79 1.18 0.00	25.36 1.33 0.00	27.48 1.50 0.00	52.26 1.79 -19.91	54.98 2.08 -19.09	56.27 2.04 -23.16	42.04 2.25 -5.45	40.91 2.53 0.00	51.54 2.88 0.00	72.20 3.62 0.00	69.08 3.30 0.00	49.74 2.41 0.00	42.02 2.25 0.00	30.50 1.64 -0.32	34.54 1.37 -8.83
ASTORIA_GT_5 24106	28.82 1.50 0.00	27.04 1.22 0.00	26.08 1.14 0.00	26.04 0.95 0.00	27.71 1.01 0.00	26.25 0.98 0.00	25.28 0.99 0.00	28.66 1.05 0.00	25.57 1.15 0.00	24.80 1.19 0.00	25.34 1.32 0.00	27.47 1.49 0.00	52.24 1.77 -19.91	54.97 2.07 -19.09	56.24 2.01 -23.16	42.03 2.24 -5.45	40.86 2.49 0.00	51.56 2.90 0.00	72.28 3.70 0.00	69.17 3.40 0.00	49.83 2.49 0.00	42.11 2.34 0.00	30.56 1.69 -0.32	34.59 1.41 -8.83
ASTORIA_GT_7 24107	28.82 1.50 0.00	27.04 1.22 0.00	26.08 1.14 0.00	26.04 0.95 0.00	27.71 1.01 0.00	26.25 0.98 0.00	25.28 0.99 0.00	28.66 1.05 0.00	25.57 1.15 0.00	24.80 1.19 0.00	25.34 1.32 0.00	27.47 1.49 0.00	52.24 1.77 -19.91	54.97 2.07 -19.09	56.24 2.01 -23.16	42.03 2.24 -5.45	40.86 2.49 0.00	51.56 2.90 0.00	72.28 3.70 0.00	69.17 3.40 0.00	49.83 2.49 0.00	42.11 2.34 0.00	30.56 1.69 -0.32	34.59 1.41 -8.83
ASTORIA_GT_8 24108	28.82 1.50 0.00	27.04 1.22 0.00	26.08 1.14 0.00	26.04 0.95 0.00	27.71 1.01 0.00	26.25 0.98 0.00	25.28 0.99 0.00	28.66 1.05 0.00	25.57 1.15 0.00	24.80 1.19 0.00	25.34 1.32 0.00	27.47 1.49 0.00	52.24 1.77 -19.91	54.97 2.07 -19.09	56.24 2.01 -23.16	42.03 2.24 -5.45	40.86 2.49 0.00	51.56 2.90 0.00	72.28 3.70 0.00	69.17 3.40 0.00	49.83 2.49 0.00	42.11 2.34 0.00	30.56 1.69 -0.32	34.59 1.41 -8.83
ASTORIA___2 24149	28.76 1.45 0.00	27.00 1.18 0.00	26.03 1.10 0.00	26.01 0.91 0.00	27.67 0.97 0.00	26.21 0.94 0.00	25.25 0.95 0.00	28.61 1.00 0.00	25.54 1.11 0.00	24.74 1.13 0.00	25.30 1.27 0.00	27.41 1.44 0.00	52.17 1.71 -19.91	54.90 2.00 -19.09	56.18 1.95 -23.16	41.97 2.17 -5.45	40.76 2.39 0.00	51.44 2.78 0.00	72.12 3.54 0.00	69.02 3.25 0.00	49.73 2.40 0.00	42.02 2.25 0.00	30.49 1.63 -0.32	34.55 1.37 -8.83
ASTORIA___3 23516	28.82 1.51 0.00	27.06 1.24 0.00	26.09 1.15 0.00	26.08 0.99 0.00	27.74 1.04 0.00	26.29 1.02 0.00	25.28 0.98 0.00	28.68 1.08 0.00	25.56 1.14 0.00	24.79 1.17 0.00	25.36 1.33 0.00	27.47 1.50 0.00	52.26 1.80 -19.91	54.98 2.08 -19.09	56.28 2.05 -23.16	42.05 2.25 -5.45	40.89 2.52 0.00	51.54 2.88 0.00	72.20 3.61 0.00	69.08 3.30 0.00	49.75 2.41 0.00	42.02 2.25 0.00	30.50 1.64 -0.32	34.55 1.37 -8.83
ASTORIA___4 23517	28.82 1.51 0.00	27.06 1.24 0.00	26.09 1.15 0.00	26.08 0.99 0.00	27.73 1.04 0.00	26.28 1.01 0.00	25.28 0.98 0.00	28.68 1.08 0.00	25.56 1.14 0.00	24.79 1.18 0.00	25.36 1.33 0.00	27.48 1.50 0.00	52.26 1.79 -19.91	54.98 2.07 -19.09	56.27 2.04 -23.16	42.04 2.25 -5.45	40.90 2.52 0.00	51.54 2.88 0.00	72.20 3.62 0.00	69.08 3.30 0.00	49.74 2.41 0.00	42.02 2.25 0.00	30.50 1.64 -0.32	34.54 1.37 -8.83
ASTORIA___5 23518	28.82 1.51 0.00	27.06 1.24 0.00	26.09 1.15 0.00	26.08 0.99 0.00	27.74 1.04 0.00	26.29 1.02 0.00	25.28 0.98 0.00	28.68 1.08 0.00	25.56 1.14 0.00	24.79 1.17 0.00	25.36 1.33 0.00	27.47 1.50 0.00	52.26 1.80 -19.91	54.98 2.08 -19.09	56.28 2.05 -23.16	42.05 2.25 -5.45	40.89 2.52 0.00	51.54 2.88 0.00	72.20 3.61 0.00	69.08 3.31 0.00	49.75 2.41 0.00	42.02 2.25 0.00	30.50 1.64 -0.32	34.55 1.37 -8.83
AST_ENERGY_2_CC3 323677	24.61 1.17 3.87	24.61 0.90 2.12	24.61 0.84 1.16	24.61 0.65 1.13	24.61 0.69 2.77	24.61 0.67 1.33	24.61 0.70 0.38	24.61 0.71 3.71	24.45 0.88 0.85	24.48 0.90 0.03	25.13 1.11 0.00	26.63 1.18 0.52	37.40 1.38 -5.46	37.27 1.64 -1.82	29.00 1.62 3.68	26.68 1.81 9.46	27.11 1.99 13.26	30.86 2.28 20.07	56.11 2.83 15.30	53.01 2.57 15.33	33.63 1.90 15.60	27.80 1.84 13.81	26.59 1.34 3.30	26.05 1.15 -0.55
AST_ENERGY_2_CC4 323678	24.61 1.17 3.87	24.61 0.90 2.12	24.61 0.84 1.16	24.61 0.65 1.13	24.61 0.69 2.77	24.61 0.67 1.33	24.61 0.70 0.38	24.61 0.71 3.71	24.45 0.88 0.85	24.48 0.90 0.03	25.13 1.11 0.00	26.63 1.18 0.52	37.40 1.38 -5.46	37.27 1.64 -1.82	29.00 1.62 3.68	26.68 1.81 9.46	27.11 1.99 13.26	30.86 2.28 20.07	56.11 2.83 15.30	53.01 2.57 15.33	33.63 1.90 15.60	27.80 1.84 13.81	26.59 1.34 3.30	26.05 1.15 -0.55

ATHENS_STG_1 23668	28.16 0.85 0.00	26.53 0.71 0.00	25.62 0.69 0.00	25.72 0.63 0.00	27.33 0.63 0.00	25.86 0.59 0.00	24.86 0.56 0.00	28.23 0.62 0.00	25.02 0.60 0.00	24.21 0.60 0.00	24.70 0.67 0.00	26.71 0.73 0.00	40.78 0.89 -9.34	43.79 1.03 -8.95	42.89 0.96 -10.86	38.00 1.10 -2.56	39.60 1.22 0.00	50.02 1.37 0.00	70.25 1.67 0.00	67.30 1.52 0.00	48.55 1.22 0.00	40.86 1.09 0.00	29.48 0.78 -0.15	29.15 0.66 -4.14
ATHENS_STG_2 23670	28.16 0.85 0.00	26.53 0.71 0.00	25.62 0.69 0.00	25.72 0.63 0.00	27.33 0.63 0.00	25.86 0.59 0.00	24.86 0.56 0.00	28.23 0.62 0.00	25.02 0.60 0.00	24.21 0.60 0.00	24.70 0.67 0.00	26.71 0.73 0.00	40.78 0.89 -9.34	43.79 1.03 -8.95	42.89 0.96 -10.86	38.00 1.10 -2.56	39.60 1.22 0.00	50.02 1.37 0.00	70.25 1.67 0.00	67.30 1.52 0.00	48.55 1.22 0.00	40.86 1.09 0.00	29.48 0.78 -0.15	29.15 0.66 -4.14
ATHENS_STG_3 23677	28.16 0.85 0.00	26.53 0.71 0.00	25.62 0.69 0.00	25.72 0.63 0.00	27.33 0.63 0.00	25.86 0.59 0.00	24.86 0.56 0.00	28.23 0.62 0.00	25.02 0.60 0.00	24.21 0.60 0.00	24.70 0.67 0.00	26.71 0.73 0.00	40.78 0.89 -9.34	43.79 1.03 -8.95	42.89 0.96 -10.86	38.00 1.10 -2.56	39.60 1.22 0.00	50.02 1.37 0.00	70.25 1.67 0.00	67.30 1.52 0.00	48.55 1.22 0.00	40.86 1.09 0.00	29.48 0.78 -0.15	29.15 0.66 -4.14
AUBURN___LFGE 323710	27.49 0.18 0.00	26.05 0.23 0.00	25.09 0.16 0.00	25.29 0.20 0.00	26.91 0.22 0.00	25.48 0.21 0.00	24.51 0.22 0.00	27.83 0.22 0.00	24.43 0.01 0.00	23.47 -0.14 0.00	23.90 -0.12 0.00	25.86 -0.12 0.00	30.44 -0.11 0.00	33.72 -0.09 0.00	31.05 -0.02 0.00	34.23 -0.10 0.00	38.28 -0.09 0.00	48.60 -0.05 0.00	69.11 0.53 0.00	66.19 0.39 -0.03	47.73 0.40 0.00	40.10 0.33 0.00	28.70 0.14 0.00	24.48 0.13 0.00
BABYLON_RES_REC 323704	28.98 1.66 0.00	27.17 1.35 0.00	26.16 1.22 0.00	26.13 1.04 0.00	27.70 1.01 0.00	26.26 0.99 0.00	25.24 0.95 0.00	28.59 0.97 0.00	25.52 1.11 0.00	24.79 1.18 0.00	25.44 1.42 0.00	27.58 1.60 0.00	52.67 2.01 -20.12	60.90 2.20 -24.89	62.88 2.18 -29.63	46.02 2.38 -9.31	45.14 2.59 -4.17	51.55 2.90 0.00	72.15 3.57 0.00	69.12 3.35 0.00	49.84 2.51 0.00	42.24 2.47 0.00	30.68 1.81 -0.32	34.64 1.46 -8.83
BALL_HILL_WT_PWR 323825	27.04 -0.27 0.00	25.75 -0.07 0.00	24.60 -0.33 0.00	24.87 -0.22 0.00	26.51 -0.19 0.00	25.18 -0.09 0.00	24.22 -0.08 0.00	27.56 -0.05 0.00	23.99 -0.43 0.00	23.39 -0.22 0.00	23.73 -0.29 0.00	25.91 -0.07 0.00	30.61 0.06 0.00	33.67 -0.13 0.00	31.00 -0.07 0.00	33.67 -0.67 0.00	37.39 -0.99 0.00	47.62 -1.04 0.00	67.91 -0.67 0.00	65.22 -0.55 0.00	46.54 -0.80 0.00	39.26 -0.51 0.00	28.39 -0.16 0.00	24.12 -0.23 0.00
BARON_WINDS___WT_PWR 323822	27.22 -0.10 0.00	25.86 0.04 0.00	24.76 -0.18 0.00	25.05 -0.04 0.00	26.64 -0.05 0.00	25.23 -0.03 0.00	24.29 -0.01 0.00	27.62 0.01 0.00	23.93 -0.49 0.00	23.13 -0.48 0.00	23.45 -0.58 0.00	25.50 -0.48 0.00	30.11 -0.44 0.00	33.27 -0.54 0.00	30.69 -0.38 0.00	33.56 -0.78 0.00	37.51 -0.86 0.00	47.66 -0.99 0.00	68.16 -0.41 0.00	65.78 0.00 -0.01	47.10 -0.24 0.00	39.75 -0.02 0.00	28.64 0.09 0.00	24.25 -0.10 0.00
BARRETT_IC_1 23704	28.77 1.46 0.00	27.00 1.18 0.00	26.02 1.08 0.00	26.02 0.92 0.00	27.60 0.91 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.46 0.85 0.00	25.39 0.97 0.00	24.68 1.07 0.00	25.34 1.31 0.00	27.48 1.50 0.00	52.47 1.81 -20.11	60.14 1.88 -24.46	62.10 1.88 -29.15	45.38 2.02 -9.02	44.42 2.18 -3.86	51.12 2.47 0.00	71.53 2.94 0.00	68.51 2.73 0.00	49.40 2.07 0.00	41.91 2.14 0.00	30.49 1.61 -0.32	34.48 1.30 -8.83
BARRETT_IC_10 23701	28.77 1.46 0.00	27.00 1.18 0.00	26.02 1.08 0.00	26.02 0.92 0.00	27.60 0.91 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.46 0.85 0.00	25.39 0.97 0.00	24.68 1.07 0.00	25.34 1.31 0.00	27.48 1.50 0.00	52.47 1.81 -20.11	60.14 1.88 -24.46	62.10 1.88 -29.15	45.38 2.02 -9.02	44.42 2.18 -3.86	51.12 2.47 0.00	71.53 2.94 0.00	68.51 2.73 0.00	49.40 2.07 0.00	41.91 2.14 0.00	30.49 1.61 -0.32	34.48 1.30 -8.83
BARRETT_IC_11 23702	28.77 1.46 0.00	27.00 1.18 0.00	26.02 1.08 0.00	26.02 0.92 0.00	27.60 0.91 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.46 0.85 0.00	25.39 0.97 0.00	24.68 1.07 0.00	25.34 1.31 0.00	27.48 1.50 0.00	52.47 1.81 -20.11	60.14 1.88 -24.46	62.10 1.88 -29.15	45.38 2.02 -9.02	44.42 2.18 -3.86	51.12 2.47 0.00	71.53 2.94 0.00	68.51 2.73 0.00	49.40 2.07 0.00	41.91 2.14 0.00	30.49 1.61 -0.32	34.48 1.30 -8.83
BARRETT_IC_12 23703	28.77 1.46 0.00	27.00 1.18 0.00	26.02 1.08 0.00	26.02 0.92 0.00	27.60 0.91 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.46 0.85 0.00	25.39 0.97 0.00	24.68 1.07 0.00	25.34 1.31 0.00	27.48 1.50 0.00	52.47 1.81 -20.11	60.14 1.88 -24.46	62.10 1.88 -29.15	45.38 2.02 -9.02	44.42 2.18 -3.86	51.12 2.47 0.00	71.53 2.94 0.00	68.51 2.73 0.00	49.40 2.07 0.00	41.91 2.14 0.00	30.49 1.61 -0.32	34.48 1.30 -8.83
BARRETT_IC_2 23705	28.77 1.46 0.00	27.00 1.18 0.00	26.02 1.08 0.00	26.02 0.92 0.00	27.60 0.91 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.46 0.85 0.00	25.39 0.97 0.00	24.68 1.07 0.00	25.34 1.31 0.00	27.48 1.50 0.00	52.47 1.81 -20.11	60.14 1.88 -24.46	62.10 1.88 -29.15	45.38 2.02 -9.02	44.42 2.18 -3.86	51.12 2.47 0.00	71.53 2.94 0.00	68.51 2.73 0.00	49.40 2.07 0.00	41.91 2.14 0.00	30.49 1.61 -0.32	34.48 1.30 -8.83
BARRETT_IC_3 23706	28.77 1.46 0.00	27.00 1.18 0.00	26.02 1.08 0.00	26.02 0.92 0.00	27.60 0.91 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.46 0.85 0.00	25.39 0.97 0.00	24.68 1.07 0.00	25.34 1.31 0.00	27.48 1.50 0.00	52.47 1.81 -20.11	60.14 1.88 -24.46	62.10 1.88 -29.15	45.38 2.02 -9.02	44.42 2.18 -3.86	51.12 2.47 0.00	71.53 2.94 0.00	68.51 2.73 0.00	49.40 2.07 0.00	41.91 2.14 0.00	30.49 1.61 -0.32	34.48 1.30 -8.83
BARRETT_IC_4 23707	28.77 1.46 0.00	27.00 1.18 0.00	26.02 1.08 0.00	26.02 0.92 0.00	27.60 0.91 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.46 0.85 0.00	25.39 0.97 0.00	24.68 1.07 0.00	25.34 1.31 0.00	27.48 1.50 0.00	52.47 1.81 -20.11	60.14 1.88 -24.46	62.10 1.88 -29.15	45.38 2.02 -9.02	44.42 2.18 -3.86	51.12 2.47 0.00	71.53 2.94 0.00	68.51 2.73 0.00	49.40 2.07 0.00	41.91 2.14 0.00	30.49 1.61 -0.32	34.48 1.30 -8.83
BARRETT_IC_5 23708	28.77 1.46 0.00	27.00 1.18 0.00	26.02 1.08 0.00	26.02 0.92 0.00	27.60 0.91 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.46 0.85 0.00	25.39 0.97 0.00	24.68 1.07 0.00	25.34 1.31 0.00	27.48 1.50 0.00	52.47 1.81 -20.11	60.14 1.88 -24.46	62.10 1.88 -29.15	45.38 2.02 -9.02	44.42 2.18 -3.86	51.12 2.47 0.00	71.53 2.94 0.00	68.51 2.73 0.00	49.40 2.07 0.00	41.91 2.14 0.00	30.49 1.61 -0.32	34.48 1.30 -8.83

BARRETT_IC_6 23709	28.77 1.46 0.00	27.00 1.18 0.00	26.02 1.08 0.00	26.02 0.92 0.00	27.60 0.91 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.46 0.85 0.00	25.39 0.97 0.00	24.68 1.07 0.00	25.34 1.31 0.00	27.48 1.50 0.00	52.47 1.81 -20.11	60.14 1.88 -24.46	62.10 1.88 -29.15	45.38 2.02 -9.02	44.42 2.18 -3.86	51.12 2.47 0.00	71.53 2.94 0.00	68.51 2.73 0.00	49.40 2.07 0.00	41.91 2.14 0.00	30.49 1.61 -0.32	34.48 1.30 -8.83
BARRETT_IC_7 23710	28.78 1.46 0.00	27.00 1.18 0.00	26.02 1.08 0.00	26.02 0.92 0.00	27.60 0.91 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.46 0.85 0.00	25.40 0.98 0.00	24.68 1.07 0.00	25.34 1.31 0.00	27.48 1.50 0.00	52.46 1.80 -20.10	60.14 1.88 -24.46	62.07 1.85 -29.15	45.37 2.01 -9.02	44.44 2.20 -3.86	51.12 2.47 0.00	71.53 2.94 0.00	68.51 2.73 0.00	49.41 2.07 0.00	41.91 2.14 0.00	30.48 1.61 -0.32	34.47 1.29 -8.83
BARRETT_IC_8 23711	28.77 1.46 0.00	27.00 1.18 0.00	26.02 1.08 0.00	26.02 0.92 0.00	27.60 0.91 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.46 0.85 0.00	25.39 0.97 0.00	24.68 1.07 0.00	25.34 1.31 0.00	27.48 1.50 0.00	52.47 1.81 -20.11	60.14 1.88 -24.46	62.10 1.88 -29.15	45.38 2.02 -9.02	44.42 2.18 -3.86	51.12 2.47 0.00	71.53 2.94 0.00	68.51 2.73 0.00	49.40 2.07 0.00	41.91 2.14 0.00	30.49 1.61 -0.32	34.48 1.30 -8.83
BARRETT_IC_9 23700	28.77 1.46 0.00	27.00 1.18 0.00	26.02 1.08 0.00	26.02 0.92 0.00	27.60 0.91 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.46 0.85 0.00	25.39 0.97 0.00	24.68 1.07 0.00	25.34 1.31 0.00	27.48 1.50 0.00	52.47 1.81 -20.11	60.14 1.88 -24.46	62.10 1.88 -29.15	45.38 2.02 -9.02	44.42 2.18 -3.86	51.12 2.47 0.00	71.53 2.94 0.00	68.51 2.73 0.00	49.40 2.07 0.00	41.91 2.14 0.00	30.49 1.61 -0.32	34.48 1.30 -8.83
BARRETT___1 23545	28.77 1.46 0.00	27.00 1.18 0.00	26.02 1.08 0.00	26.02 0.92 0.00	27.60 0.91 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.46 0.85 0.00	25.39 0.97 0.00	24.68 1.07 0.00	25.34 1.31 0.00	27.48 1.50 0.00	52.47 1.81 -20.11	60.14 1.88 -24.46	62.10 1.88 -29.15	45.38 2.02 -9.02	44.42 2.18 -3.86	51.12 2.47 0.00	71.53 2.94 0.00	68.51 2.73 0.00	49.40 2.07 0.00	41.91 2.14 0.00	30.49 1.61 -0.32	34.48 1.30 -8.83
BARRETT___2 23546	28.77 1.46 0.00	27.00 1.18 0.00	26.02 1.08 0.00	26.02 0.92 0.00	27.60 0.91 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.46 0.85 0.00	25.39 0.97 0.00	24.68 1.07 0.00	25.34 1.31 0.00	27.48 1.50 0.00	52.47 1.81 -20.11	60.14 1.88 -24.46	62.10 1.88 -29.15	45.38 2.02 -9.02	44.42 2.18 -3.86	51.12 2.47 0.00	71.53 2.94 0.00	68.51 2.73 0.00	49.40 2.07 0.00	41.91 2.14 0.00	30.49 1.61 -0.32	34.48 1.30 -8.83
BATAVIA__115KV_TB1 55881	27.54 0.23 0.00	26.16 0.34 0.00	25.06 0.12 0.00	25.21 0.12 0.00	26.89 0.19 0.00	25.61 0.34 0.00	24.66 0.37 0.00	27.93 0.33 0.00	24.32 -0.10 0.00	23.55 -0.06 0.00	23.89 -0.14 0.00	25.96 -0.02 0.00	30.68 0.13 0.00	33.94 0.13 0.00	31.13 0.06 0.00	34.40 0.06 0.00	37.67 -0.71 0.00	48.11 -0.54 0.00	69.07 0.49 0.00	66.51 0.74 0.00	47.68 0.34 0.00	40.03 0.27 0.00	28.86 0.31 0.00	24.60 0.24 0.00
BAYONEEC___CTG1 323682	28.80 1.48 0.00	27.03 1.21 0.00	26.05 1.11 0.00	26.06 0.97 0.00	27.69 1.00 0.00	26.25 0.98 0.00	25.23 0.93 0.00	28.67 1.06 0.00	25.51 1.09 0.00	24.75 1.14 0.00	25.35 1.32 0.00	27.45 1.48 0.00	52.24 1.78 -19.91	54.95 2.05 -19.09	56.25 2.02 -23.16	42.02 2.23 -5.45	40.88 2.50 0.00	51.53 2.87 0.00	72.21 3.63 0.00	69.11 3.34 0.00	49.73 2.39 0.00	41.98 2.21 0.00	30.49 1.63 -0.32	34.52 1.35 -8.83
BAYONEEC___CTG10 323750	28.80 1.48 0.00	27.03 1.21 0.00	26.05 1.11 0.00	26.06 0.97 0.00	27.69 1.00 0.00	26.25 0.98 0.00	25.23 0.93 0.00	28.67 1.06 0.00	25.51 1.09 0.00	24.75 1.14 0.00	25.35 1.32 0.00	27.45 1.48 0.00	52.24 1.78 -19.91	54.95 2.05 -19.09	56.25 2.02 -23.16	42.02 2.23 -5.45	40.88 2.50 0.00	51.53 2.87 0.00	72.21 3.63 0.00	69.11 3.34 0.00	49.73 2.39 0.00	41.98 2.21 0.00	30.49 1.63 -0.32	34.52 1.35 -8.83
BAYONEEC___CTG2 323683	28.80 1.48 0.00	27.03 1.21 0.00	26.05 1.11 0.00	26.06 0.97 0.00	27.69 1.00 0.00	26.25 0.98 0.00	25.23 0.93 0.00	28.67 1.06 0.00	25.51 1.09 0.00	24.75 1.14 0.00	25.35 1.32 0.00	27.45 1.48 0.00	52.24 1.78 -19.91	54.95 2.05 -19.09	56.25 2.02 -23.16	42.02 2.23 -5.45	40.88 2.50 0.00	51.53 2.87 0.00	72.21 3.63 0.00	69.11 3.34 0.00	49.73 2.39 0.00	41.98 2.21 0.00	30.49 1.63 -0.32	34.52 1.35 -8.83
BAYONEEC___CTG3 323684	28.80 1.48 0.00	27.03 1.21 0.00	26.05 1.11 0.00	26.06 0.97 0.00	27.69 1.00 0.00	26.25 0.98 0.00	25.23 0.93 0.00	28.67 1.06 0.00	25.51 1.09 0.00	24.75 1.14 0.00	25.35 1.32 0.00	27.45 1.48 0.00	52.24 1.78 -19.91	54.95 2.05 -19.09	56.25 2.02 -23.16	42.02 2.23 -5.45	40.88 2.50 0.00	51.53 2.87 0.00	72.21 3.63 0.00	69.11 3.34 0.00	49.73 2.39 0.00	41.98 2.21 0.00	30.49 1.63 -0.32	34.52 1.35 -8.83
BAYONEEC___CTG4 323685	28.80 1.48 0.00	27.03 1.21 0.00	26.05 1.11 0.00	26.06 0.97 0.00	27.69 1.00 0.00	26.25 0.98 0.00	25.23 0.93 0.00	28.67 1.06 0.00	25.51 1.09 0.00	24.75 1.14 0.00	25.35 1.32 0.00	27.45 1.48 0.00	52.24 1.78 -19.91	54.95 2.05 -19.09	56.25 2.02 -23.16	42.02 2.23 -5.45	40.88 2.50 0.00	51.53 2.87 0.00	72.21 3.63 0.00	69.11 3.34 0.00	49.73 2.39 0.00	41.98 2.21 0.00	30.49 1.63 -0.32	34.52 1.35 -8.83
BAYONEEC___CTG5 323686	28.80 1.48 0.00	27.03 1.21 0.00	26.05 1.11 0.00	26.06 0.97 0.00	27.69 1.00 0.00	26.25 0.98 0.00	25.23 0.93 0.00	28.67 1.06 0.00	25.51 1.09 0.00	24.75 1.14 0.00	25.35 1.32 0.00	27.45 1.48 0.00	52.24 1.78 -19.91	54.95 2.05 -19.09	56.25 2.02 -23.16	42.02 2.23 -5.45	40.88 2.50 0.00	51.53 2.87 0.00	72.21 3.63 0.00	69.11 3.34 0.00	49.73 2.39 0.00	41.98 2.21 0.00	30.49 1.63 -0.32	34.52 1.35 -8.83
BAYONEEC___CTG6 323687	28.80 1.48 0.00	27.03 1.21 0.00	26.05 1.11 0.00	26.06 0.97 0.00	27.69 1.00 0.00	26.25 0.98 0.00	25.23 0.93 0.00	28.67 1.06 0.00	25.51 1.09 0.00	24.75 1.14 0.00	25.35 1.32 0.00	27.45 1.48 0.00	52.24 1.78 -19.91	54.95 2.05 -19.09	56.25 2.02 -23.16	42.02 2.23 -5.45	40.88 2.50 0.00	51.53 2.87 0.00	72.21 3.63 0.00	69.11 3.34 0.00	49.73 2.39 0.00	41.98 2.21 0.00	30.49 1.63 -0.32	34.52 1.35 -8.83
BAYONEEC___CTG7 323688	28.80 1.48 0.00	27.03 1.21 0.00	26.05 1.11 0.00	26.06 0.97 0.00	27.69 1.00 0.00	26.25 0.98 0.00	25.23 0.93 0.00	28.67 1.06 0.00	25.51 1.09 0.00	24.75 1.14 0.00	25.35 1.32 0.00	27.45 1.48 0.00	52.24 1.78 -19.91	54.95 2.05 -19.09	56.25 2.02 -23.16	42.02 2.23 -5.45	40.88 2.50 0.00	51.53 2.87 0.00	72.21 3.63 0.00	69.11 3.34 0.00	49.73 2.39 0.00	41.98 2.21 0.00	30.49 1.63 -0.32	34.52 1.35 -8.83

BAYONEEC___CTG8 323689	28.80 1.48 0.00	27.03 1.21 0.00	26.05 1.11 0.00	26.06 0.97 0.00	27.69 1.00 0.00	26.25 0.98 0.00	25.23 0.93 0.00	28.67 1.06 0.00	25.51 1.09 0.00	24.75 1.14 0.00	25.35 1.32 0.00	27.45 1.48 0.00	52.24 1.78 -19.91	54.95 2.05 -19.09	56.25 2.02 -23.16	42.02 2.23 -5.45	40.88 2.50 0.00	51.53 2.87 0.00	72.21 3.63 0.00	69.11 3.34 0.00	49.73 2.39 0.00	41.98 2.21 0.00	30.49 1.63 -0.32	34.52 1.35 -8.83
BAYONEEC___CTG9 323749	28.80 1.48 0.00	27.03 1.21 0.00	26.05 1.11 0.00	26.06 0.97 0.00	27.69 1.00 0.00	26.25 0.98 0.00	25.23 0.93 0.00	28.67 1.06 0.00	25.51 1.09 0.00	24.75 1.14 0.00	25.35 1.32 0.00	27.45 1.48 0.00	52.24 1.78 -19.91	54.95 2.05 -19.09	56.25 2.02 -23.16	42.02 2.23 -5.45	40.88 2.50 0.00	51.53 2.87 0.00	72.21 3.63 0.00	69.11 3.34 0.00	49.73 2.39 0.00	41.98 2.21 0.00	30.49 1.63 -0.32	34.52 1.35 -8.83
BEACON___LESR 323632	27.96 0.64 0.00	26.38 0.56 0.00	25.43 0.49 0.00	25.59 0.50 0.00	27.21 0.52 0.00	25.76 0.49 0.00	24.78 0.49 0.00	28.13 0.52 0.00	24.88 0.46 0.00	24.03 0.41 0.00	24.46 0.44 0.00	26.43 0.46 0.00	16.19 0.62 14.98	20.04 0.59 14.36	14.24 0.59 17.42	31.11 0.88 4.10	39.39 1.01 0.00	49.83 1.18 0.00	70.06 1.48 0.00	67.09 1.31 0.00	48.38 1.04 0.00	40.59 0.82 0.00	28.88 0.57 0.24	18.23 0.51 6.64
BEAVER RIVER___HYD 24048	27.45 0.13 0.00	25.84 0.02 0.00	25.10 0.17 0.00	25.52 0.42 0.00	27.54 0.85 0.00	26.16 0.89 0.00	25.12 0.82 0.00	28.55 0.94 0.00	25.07 0.65 0.00	24.14 0.53 0.00	24.51 0.49 0.00	26.31 0.33 0.00	30.68 0.13 0.00	33.98 0.17 0.00	31.28 0.21 0.00	34.48 0.15 0.00	38.54 0.16 0.00	49.50 0.84 0.00	71.03 2.44 0.00	68.96 3.17 -0.02	49.50 2.17 0.00	41.56 1.79 0.00	29.69 1.14 0.00	25.27 0.91 0.00
BEEBEE_GT_13 23619	27.27 -0.04 0.00	25.86 0.04 0.00	24.83 -0.10 0.00	25.00 -0.10 0.00	26.64 -0.05 0.00	25.31 0.04 0.00	24.36 0.06 0.00	27.65 0.04 0.00	24.23 -0.19 0.00	23.51 -0.10 0.00	23.89 -0.14 0.00	26.01 0.04 0.00	30.72 0.17 0.00	33.89 0.09 0.00	31.15 0.08 0.00	34.00 -0.34 0.00	38.01 -0.37 0.00	48.43 -0.22 0.00	68.86 0.28 0.00	66.00 0.23 0.00	47.35 0.01 0.00	39.75 -0.02 0.00	28.61 0.06 0.00	24.37 0.02 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.08 1.77 0.00	27.28 1.46 0.00	26.29 1.35 0.00	26.28 1.19 0.00	27.93 1.24 0.00	26.48 1.21 0.00	25.47 1.17 0.00	28.92 1.32 0.00	25.76 1.34 0.00	24.99 1.38 0.00	25.58 1.56 0.00	27.75 1.77 0.00	52.59 2.12 -19.91	55.35 2.45 -19.09	56.63 2.40 -23.16	42.40 2.60 -5.45	41.34 2.96 0.00	52.12 3.47 0.00	73.01 4.43 0.00	69.87 4.09 0.00	50.29 2.95 0.00	42.45 2.68 0.00	30.77 1.90 -0.32	34.78 1.60 -8.83
BETHLEHEM___GRP 23843	27.53 0.22 0.00	26.03 0.21 0.00	25.18 0.24 0.00	25.30 0.21 0.00	26.85 0.16 0.00	25.42 0.15 0.00	24.45 0.15 0.00	27.75 0.14 0.00	24.57 0.14 0.00	23.73 0.13 0.00	24.16 0.13 0.00	26.10 0.13 0.00	16.68 0.18 14.05	20.49 0.15 13.47	14.89 0.17 16.34	30.79 0.30 3.85	38.71 0.33 0.00	48.89 0.24 0.00	68.70 0.12 0.00	65.88 0.11 0.00	47.61 0.27 0.00	40.00 0.22 0.00	28.48 0.15 0.22	18.29 0.17 6.23
BETHLEHEM___GS1 323560	27.53 0.21 0.00	26.03 0.21 0.00	25.18 0.24 0.00	25.30 0.21 0.00	26.85 0.16 0.00	25.42 0.15 0.00	24.45 0.15 0.00	27.75 0.14 0.00	24.57 0.15 0.00	23.73 0.13 0.00	24.16 0.13 0.00	26.10 0.13 0.00	16.67 0.17 14.05	20.49 0.15 13.47	14.89 0.17 16.34	30.79 0.30 3.85	38.71 0.33 0.00	48.89 0.24 0.00	68.70 0.12 0.00	65.88 0.11 0.00	47.61 0.27 0.00	40.00 0.23 0.00	28.48 0.15 0.22	18.29 0.16 6.23
BETHLEHEM___GS2 323561	27.53 0.21 0.00	26.03 0.21 0.00	25.18 0.24 0.00	25.30 0.21 0.00	26.85 0.16 0.00	25.42 0.15 0.00	24.45 0.15 0.00	27.75 0.14 0.00	24.57 0.15 0.00	23.73 0.13 0.00	24.16 0.13 0.00	26.10 0.13 0.00	16.67 0.17 14.05	20.49 0.15 13.47	14.89 0.17 16.34	30.79 0.30 3.85	38.71 0.33 0.00	48.89 0.24 0.00	68.70 0.12 0.00	65.88 0.11 0.00	47.61 0.27 0.00	40.00 0.23 0.00	28.48 0.15 0.22	18.29 0.16 6.23
BETHLEHEM___GS3 323562	27.53 0.21 0.00	26.03 0.21 0.00	25.18 0.24 0.00	25.30 0.21 0.00	26.85 0.16 0.00	25.42 0.15 0.00	24.45 0.15 0.00	27.75 0.14 0.00	24.57 0.15 0.00	23.73 0.13 0.00	24.16 0.13 0.00	26.10 0.13 0.00	16.67 0.17 14.05	20.49 0.15 13.47	14.89 0.17 16.34	30.79 0.30 3.85	38.71 0.33 0.00	48.89 0.24 0.00	68.70 0.12 0.00	65.88 0.11 0.00	47.61 0.27 0.00	40.00 0.23 0.00	28.48 0.15 0.22	18.29 0.16 6.23
BETHLEHEM___STEEL 23779	27.09 -0.23 0.00	25.78 -0.04 0.00	24.65 -0.28 0.00	24.87 -0.22 0.00	26.52 -0.17 0.00	25.23 -0.03 0.00	24.27 -0.02 0.00	27.57 -0.04 0.00	24.03 -0.39 0.00	23.44 -0.17 0.00	23.78 -0.24 0.00	25.95 -0.03 0.00	30.68 0.13 0.00	33.75 -0.05 0.00	31.05 -0.02 0.00	33.74 -0.60 0.00	37.43 -0.94 0.00	47.63 -1.02 0.00	67.94 -0.64 0.00	65.19 -0.58 0.00	46.62 -0.72 0.00	39.27 -0.50 0.00	28.40 -0.15 0.00	24.21 -0.14 0.00
BETHLHEM_115KV_TB1 79974	27.60 0.28 0.00	26.10 0.28 0.00	25.23 0.30 0.00	25.36 0.26 0.00	26.92 0.23 0.00	25.47 0.21 0.00	24.50 0.20 0.00	27.81 0.20 0.00	24.62 0.20 0.00	23.78 0.18 0.00	24.21 0.18 0.00	26.16 0.19 0.00	17.58 0.25 13.22	21.37 0.24 12.67	15.95 0.25 15.37	31.11 0.39 3.62	38.81 0.43 0.00	49.01 0.36 0.00	68.90 0.32 0.00	66.04 0.26 0.00	47.72 0.39 0.00	40.10 0.33 0.00	28.57 0.23 0.21	18.72 0.23 5.86
BETHPAGE_CC_5 323564	28.97 1.65 0.00	27.17 1.35 0.00	26.16 1.23 0.00	26.14 1.05 0.00	27.73 1.04 0.00	26.27 1.00 0.00	25.26 0.97 0.00	28.62 1.02 0.00	25.55 1.13 0.00	24.84 1.22 0.00	25.48 1.45 0.00	27.57 1.59 0.00	52.63 1.95 -20.13	61.16 2.11 -25.24	63.09 2.00 -30.02	46.02 2.14 -9.54	45.13 2.33 -4.43	51.21 2.55 0.00	71.60 3.03 0.00	68.55 2.78 0.00	49.48 2.14 0.00	41.91 2.14 0.00	30.44 1.57 -0.32	34.47 1.29 -8.83
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.12 -0.19 0.00	25.80 -0.02 0.00	24.68 -0.26 0.00	24.89 -0.20 0.00	26.54 -0.15 0.00	25.26 -0.01 0.00	24.30 0.01 0.00	27.60 -0.01 0.00	24.06 -0.36 0.00	23.47 -0.14 0.00	23.83 -0.20 0.00	25.99 0.02 0.00	30.74 0.19 0.00	33.82 0.02 0.00	31.11 0.04 0.00	33.83 -0.51 0.00	37.54 -0.84 0.00	47.75 -0.90 0.00	68.11 -0.47 0.00	65.35 -0.43 0.00	46.72 -0.62 0.00	39.35 -0.42 0.00	28.45 -0.10 0.00	24.24 -0.11 0.00
BINGHAMTON___COGEN 23790	27.38 0.06 0.00	25.95 0.13 0.00	24.98 0.04 0.00	25.23 0.14 0.00	26.83 0.14 0.00	25.33 0.06 0.00	24.35 0.06 0.00	27.70 0.10 0.00	24.31 -0.11 0.00	23.53 -0.08 0.00	23.93 -0.10 0.00	25.93 -0.05 0.00	30.54 -0.01 0.00	33.79 -0.02 0.00	31.16 0.09 0.00	34.33 -0.01 0.00	38.34 -0.04 0.00	48.75 0.10 0.00	68.94 0.36 0.00	66.15 0.36 -0.01	47.50 0.16 0.00	40.02 0.25 0.00	28.76 0.21 0.00	24.40 0.05 0.00

BIXINCNT_115KV_LOAD 355685	27.21 -0.10 0.00	25.90 0.08 0.00	24.75 -0.18 0.00	24.94 -0.15 0.00	26.61 -0.08 0.00	25.34 0.07 0.00	24.40 0.10 0.00	27.77 0.16 0.00	24.21 -0.21 0.00	23.59 -0.02 0.00	23.95 -0.08 0.00	26.09 0.11 0.00	30.87 0.32 0.00	33.98 0.17 0.00	31.16 0.10 0.00	33.94 -0.40 0.00	37.67 -0.70 0.00	47.83 -0.82 0.00	68.30 -0.28 0.00	65.61 -0.16 0.00	46.88 -0.46 0.00	39.48 -0.29 0.00	28.54 -0.01 0.00	24.28 -0.07 0.00
BLACK RIVER___HYD 24047	27.60 0.29 0.00	25.99 0.17 0.00	25.25 0.32 0.00	25.74 0.65 0.00	27.82 1.12 0.00	26.40 1.13 0.00	25.37 1.07 0.00	28.85 1.24 0.00	25.27 0.85 0.00	24.36 0.74 0.00	24.70 0.67 0.00	26.34 0.36 0.00	30.59 0.04 0.00	33.85 0.04 0.00	31.26 0.19 0.00	34.38 0.04 0.00	38.48 0.10 0.00	49.60 0.95 0.00	71.68 3.10 0.00	69.77 3.97 -0.03	50.07 2.73 0.00	42.03 2.26 0.00	30.01 1.46 0.00	25.51 1.15 0.00
BLACKRVR_115KV_TB2 79977	27.60 0.28 0.00	25.99 0.17 0.00	25.25 0.32 0.00	25.74 0.65 0.00	27.82 1.12 0.00	26.40 1.13 0.00	25.37 1.07 0.00	28.84 1.24 0.00	25.27 0.85 0.00	24.36 0.74 0.00	24.69 0.67 0.00	26.33 0.36 0.00	30.59 0.04 0.00	33.85 0.04 0.00	31.26 0.19 0.00	34.38 0.04 0.00	38.48 0.10 0.00	49.61 0.95 0.00	71.68 3.10 0.00	69.77 3.97 -0.03	50.07 2.73 0.00	42.03 2.26 0.00	30.01 1.46 0.00	25.51 1.16 0.00
BLDWN_LI_69_KV_BK4 356085	29.00 1.69 0.00	27.20 1.38 0.00	26.19 1.26 0.00	26.19 1.10 0.00	27.78 1.09 0.00	26.32 1.05 0.00	25.29 0.99 0.00	28.67 1.06 0.00	25.58 1.16 0.00	24.86 1.26 0.00	25.51 1.49 0.00	27.67 1.70 0.00	52.77 2.06 -20.16	62.03 2.25 -25.97	64.00 2.10 -30.84	46.77 2.40 -10.03	46.00 2.67 -4.95	51.70 3.05 0.00	72.24 3.66 0.00	69.14 3.36 0.00	49.95 2.62 0.00	42.30 2.54 0.00	30.72 1.86 -0.32	34.65 1.47 -8.83
BLISS_WT_PWR 323608	27.22 -0.09 0.00	25.91 0.08 0.00	24.75 -0.18 0.00	24.93 -0.16 0.00	26.61 -0.08 0.00	25.34 0.07 0.00	24.41 0.11 0.00	27.79 0.18 0.00	24.23 -0.19 0.00	23.62 0.01 0.00	23.96 -0.06 0.00	26.10 0.13 0.00	30.90 0.35 0.00	34.00 0.19 0.00	31.18 0.11 0.00	33.94 -0.40 0.00	37.72 -0.65 0.00	47.81 -0.84 0.00	68.31 -0.27 0.00	65.63 -0.14 0.00	46.86 -0.47 0.00	39.47 -0.30 0.00	28.54 -0.01 0.00	24.27 -0.08 0.00
BLUESTONE___WT_PWR 323821	28.40 1.09 0.00	26.87 1.05 0.00	25.85 0.91 0.00	26.08 0.99 0.00	27.76 1.06 0.00	26.24 0.97 0.00	25.25 0.96 0.00	28.48 0.87 0.00	24.98 0.56 0.00	24.17 0.56 0.00	24.49 0.46 0.00	26.51 0.54 0.00	31.22 0.67 0.00	34.57 0.77 0.00	31.90 0.84 0.00	35.31 0.97 0.00	39.56 1.18 0.00	50.68 2.03 0.00	72.07 3.49 0.00	69.33 3.54 -0.01	48.99 1.65 0.00	40.98 1.21 0.00	29.52 0.97 0.00	25.13 0.77 0.00
BLUE_CIRC_CHEM_DRP 24182	27.91 0.60 0.00	26.39 0.57 0.00	25.52 0.59 0.00	25.66 0.57 0.00	27.25 0.56 0.00	25.78 0.51 0.00	24.78 0.49 0.00	28.11 0.50 0.00	24.83 0.41 0.00	23.91 0.30 0.00	24.32 0.29 0.00	26.27 0.30 0.00	21.83 0.39 9.11	25.50 0.43 8.73	20.84 0.37 10.59	32.38 0.53 2.50	39.07 0.69 0.00	49.38 0.72 0.00	69.55 0.97 0.00	66.74 0.96 0.00	48.22 0.89 0.00	40.52 0.75 0.00	28.95 0.54 0.14	20.80 0.49 4.04
BOC_GAS_DRP 24189	27.77 0.45 0.00	26.22 0.40 0.00	25.35 0.42 0.00	25.49 0.40 0.00	27.08 0.39 0.00	25.60 0.33 0.00	24.61 0.32 0.00	27.95 0.34 0.00	24.74 0.32 0.00	23.91 0.31 0.00	24.35 0.33 0.00	26.33 0.35 0.00	22.37 0.43 8.60	26.04 0.48 8.25	21.51 0.45 10.01	32.56 0.57 2.36	39.01 0.64 0.00	49.29 0.64 0.00	69.25 0.67 0.00	66.39 0.61 0.00	47.96 0.62 0.00	40.32 0.55 0.00	28.82 0.40 0.14	20.90 0.36 3.81
BOONVILLE_115KV_TB1 79983	27.70 0.39 0.00	26.13 0.31 0.00	25.30 0.37 0.00	25.58 0.48 0.00	27.41 0.72 0.00	25.98 0.72 0.00	24.98 0.69 0.00	28.39 0.79 0.00	25.02 0.60 0.00	24.14 0.53 0.00	24.49 0.46 0.00	26.36 0.38 0.00	30.90 0.35 0.00	34.31 0.51 0.00	31.48 0.41 0.00	34.86 0.52 0.00	38.98 0.60 0.00	49.85 1.19 0.00	70.85 2.27 0.00	68.32 2.53 -0.01	49.11 1.77 0.00	41.23 1.46 0.00	29.52 0.97 0.00	25.11 0.75 0.00
BORALEX_4TH_BRANCH 23824	28.62 1.30 0.00	26.96 1.14 0.00	26.04 1.11 0.00	26.22 1.12 0.00	27.84 1.15 0.00	26.42 1.15 0.00	25.38 1.09 0.00	28.82 1.22 0.00	25.50 1.08 0.00	24.64 1.03 0.00	24.97 0.94 0.00	26.90 0.92 0.00	-11.89 1.13 43.57	-6.74 1.22 41.77	-18.56 1.05 50.67	23.85 1.45 11.93	39.92 1.54 0.00	50.37 1.72 0.00	70.80 2.22 0.00	67.98 2.20 0.00	49.28 1.94 0.00	41.37 1.60 0.00	29.03 1.17 0.69	6.11 1.07 19.31
BOWLINE___1 23526	28.48 1.17 0.00	26.74 0.92 0.00	25.79 0.86 0.00	25.84 0.74 0.00	27.45 0.75 0.00	26.02 0.75 0.00	25.00 0.71 0.00	28.41 0.80 0.00	25.22 0.80 0.00	24.45 0.84 0.00	25.01 0.99 0.00	27.10 1.13 0.00	50.61 1.38 -18.69	53.34 1.61 -17.91	54.40 1.60 -21.73	41.24 1.78 -5.12	40.37 1.99 0.00	50.96 2.31 0.00	71.50 2.92 0.00	68.45 2.68 0.00	49.23 1.90 0.00	41.51 1.74 0.00	30.12 1.27 -0.30	33.70 1.07 -8.28
BOWLINE___2 23595	28.47 1.16 0.00	26.74 0.92 0.00	25.79 0.85 0.00	25.83 0.74 0.00	27.44 0.75 0.00	26.01 0.75 0.00	25.00 0.70 0.00	28.40 0.80 0.00	25.21 0.80 0.00	24.44 0.83 0.00	25.01 0.98 0.00	27.10 1.12 0.00	50.60 1.36 -18.68	53.31 1.59 -17.91	54.39 1.59 -21.73	41.23 1.77 -5.12	40.36 1.98 0.00	50.94 2.29 0.00	71.48 2.90 0.00	68.43 2.66 0.00	49.22 1.89 0.00	41.50 1.73 0.00	30.11 1.26 -0.30	33.69 1.06 -8.28
BRADY___115KV_TB2 356060	27.61 0.30 0.00	26.10 0.28 0.00	25.19 0.26 0.00	25.33 0.24 0.00	27.01 0.32 0.00	25.68 0.40 0.00	24.69 0.39 0.00	28.09 0.48 0.00	24.75 0.33 0.00	23.84 0.23 0.00	24.25 0.23 0.00	26.20 0.22 0.00	30.84 0.29 0.00	34.07 0.27 0.00	31.25 0.18 0.00	34.45 0.11 0.00	38.48 0.10 0.00	49.00 0.35 0.00	69.76 1.18 0.00	67.57 1.79 0.00	48.44 1.10 0.00	40.49 0.72 0.00	28.98 0.43 0.00	24.73 0.37 0.00
BRANSCOMB___SOLAR 323811	29.05 1.74 0.00	27.37 1.55 0.00	26.40 1.47 0.00	26.54 1.45 0.00	28.21 1.52 0.00	26.75 1.48 0.00	25.75 1.46 0.00	29.26 1.65 0.00	25.76 1.34 0.00	24.75 1.14 0.00	24.94 0.92 0.00	26.91 0.94 0.00	9.68 1.27 22.14	14.04 1.46 21.22	6.73 1.40 25.75	30.27 1.99 6.06	40.61 2.23 0.00	51.55 2.89 0.00	72.90 4.32 0.00	69.96 4.19 0.00	50.61 3.28 0.00	42.42 2.66 0.00	30.03 1.83 0.35	16.10 1.56 9.81
BRDGHMPT_69_KV_BK1 55812	29.31 1.99 0.00	27.44 1.62 0.00	26.44 1.51 0.00	26.41 1.31 0.00	27.94 1.24 0.00	26.52 1.25 0.00	25.52 1.23 0.00	28.83 1.22 0.00	25.84 1.42 0.00	25.17 1.56 0.00	25.87 1.85 0.00	28.05 2.07 0.00	53.20 2.55 -20.10	60.94 2.78 -24.35	62.82 2.72 -29.03	46.43 3.14 -8.95	45.72 3.56 -3.79	52.79 4.14 0.00	73.81 5.22 0.00	70.64 4.86 0.00	50.87 3.53 0.00	43.06 3.29 0.00	31.18 2.31 -0.32	34.96 1.78 -8.83



BRENTWOD_69_KV_W. BRTWOOD 56703	29.11 1.80 0.00	27.28 1.46 0.00	26.28 1.35 0.00	26.25 1.15 0.00	27.80 1.11 0.00	26.36 1.09 0.00	25.35 1.06 0.00	28.70 1.10 0.00	25.67 1.25 0.00	24.92 1.31 0.00	25.57 1.55 0.00	27.75 1.78 0.00	52.89 2.24 -20.10	60.72 2.47 -24.44	62.61 2.42 -29.13	45.96 2.62 -9.01	45.11 2.88 -3.85	51.80 3.15 0.00	72.27 3.69 0.00	69.24 3.47 0.00	50.04 2.71 0.00	42.50 2.73 0.00	30.86 1.99 -0.32	34.78 1.60 -8.83
BRISTLHL_115KV_TB1 79998	26.87 -0.44 0.00	25.45 -0.37 0.00	24.56 -0.37 0.00	24.74 -0.36 0.00	26.32 -0.37 0.00	24.91 -0.36 0.00	23.96 -0.33 0.00	27.22 -0.39 0.00	23.98 -0.44 0.00	23.18 -0.43 0.00	23.55 -0.48 0.00	25.43 -0.55 0.00	29.85 -0.69 0.00	33.07 -0.74 0.00	30.40 -0.67 0.00	33.53 -0.80 0.00	37.49 -0.89 0.00	47.65 -1.00 0.00	67.36 -1.22 0.00	64.75 -1.09 -0.07	46.57 -0.77 0.00	39.13 -0.64 0.00	28.10 -0.45 0.00	23.93 -0.42 0.00
BROOKHAVEN___DRP 24191	28.75 1.44 0.00	26.94 1.12 0.00	25.96 1.03 0.00	25.92 0.82 0.00	27.43 0.74 0.00	26.03 0.76 0.00	25.05 0.76 0.00	28.32 0.71 0.00	25.35 0.93 0.00	24.64 1.03 0.00	25.29 1.27 0.00	27.41 1.43 0.00	52.49 1.84 -20.10	60.16 2.01 -24.35	62.08 1.99 -29.03	45.51 2.22 -8.95	44.63 2.47 -3.78	51.33 2.68 0.00	71.78 3.20 0.00	68.75 2.97 0.00	49.61 2.28 0.00	42.06 2.29 0.00	30.52 1.65 -0.32	34.45 1.27 -8.83
BROOKLYN_NAVY_YARD 23515	28.75 1.44 0.00	26.99 1.17 0.00	26.01 1.08 0.00	26.02 0.92 0.00	27.64 0.95 0.00	26.21 0.94 0.00	25.18 0.89 0.00	28.61 1.01 0.00	25.48 1.06 0.00	24.73 1.12 0.00	25.32 1.30 0.00	27.42 1.44 0.00	52.20 1.74 -19.91	54.90 2.00 -19.09	56.20 1.97 -23.16	41.97 2.18 -5.45	40.84 2.46 0.00	51.49 2.83 0.00	72.15 3.57 0.00	69.05 3.27 0.00	49.67 2.33 0.00	41.94 2.17 0.00	30.46 1.60 -0.32	34.50 1.32 -8.83
BROOKLYN___ARMY_DRP 323595	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 -0.32	34.62 1.44 -8.83
BROOME_2_LFGE 323671	27.38 0.07 0.00	25.95 0.13 0.00	24.98 0.04 0.00	25.23 0.14 0.00	26.83 0.14 0.00	25.33 0.06 0.00	24.35 0.06 0.00	27.71 0.10 0.00	24.31 -0.11 0.00	23.53 -0.08 0.00	23.93 -0.10 0.00	25.93 -0.04 0.00	30.53 -0.02 0.00	33.79 -0.02 0.00	31.16 0.09 0.00	34.33 -0.01 0.00	38.34 -0.03 0.00	48.76 0.10 0.00	68.95 0.36 0.00	66.14 0.35 -0.01	47.49 0.16 0.00	40.02 0.25 0.00	28.76 0.21 0.00	24.40 0.05 0.00
BROOME___LFGE 323600	27.38 0.07 0.00	25.95 0.13 0.00	24.98 0.04 0.00	25.23 0.14 0.00	26.83 0.14 0.00	25.33 0.06 0.00	24.35 0.06 0.00	27.71 0.10 0.00	24.31 -0.11 0.00	23.53 -0.08 0.00	23.93 -0.10 0.00	25.93 -0.04 0.00	30.53 -0.02 0.00	33.79 -0.02 0.00	31.16 0.09 0.00	34.33 -0.01 0.00	38.34 -0.03 0.00	48.76 0.10 0.00	68.95 0.36 0.00	66.14 0.35 -0.01	47.49 0.16 0.00	40.02 0.25 0.00	28.76 0.21 0.00	24.40 0.05 0.00
BROWNFLS_115KV_TB 3_5 80003	27.45 0.13 0.00	25.88 0.06 0.00	25.08 0.14 0.00	25.38 0.28 0.00	27.26 0.57 0.00	25.90 0.63 0.00	24.89 0.59 0.00	28.30 0.69 0.00	24.91 0.49 0.00	24.00 0.39 0.00	24.39 0.37 0.00	26.26 0.29 0.00	30.74 0.19 0.00	34.02 0.21 0.00	31.26 0.20 0.00	34.47 0.13 0.00	38.52 0.14 0.00	49.29 0.64 0.00	70.47 1.89 0.00	68.27 2.49 -0.01	48.98 1.65 0.00	41.05 1.27 0.00	29.34 0.78 0.00	24.99 0.64 0.00
BROWNSV1_27_KV_LOAD 356125	29.05 1.74 0.00	27.26 1.44 0.00	26.27 1.33 0.00	26.28 1.18 0.00	27.92 1.23 0.00	26.46 1.19 0.00	25.43 1.14 0.00	28.90 1.30 0.00	25.72 1.30 0.00	24.98 1.37 0.00	25.58 1.56 0.00	27.72 1.74 0.00	52.56 2.10 -19.91	55.31 2.41 -19.09	56.58 2.35 -23.16	42.40 2.60 -5.45	41.32 2.94 0.00	52.09 3.43 0.00	73.00 4.43 0.00	69.89 4.11 0.00	50.28 2.94 0.00	42.43 2.66 0.00	30.80 1.93 -0.32	34.78 1.60 -8.83
BURROWS___LYONSDAL 23803	27.60 0.28 0.00	26.01 0.19 0.00	25.22 0.28 0.00	25.54 0.44 0.00	27.44 0.75 0.00	26.03 0.76 0.00	25.02 0.72 0.00	28.42 0.82 0.00	25.03 0.61 0.00	24.13 0.52 0.00	24.49 0.46 0.00	26.35 0.37 0.00	30.84 0.29 0.00	34.23 0.42 0.00	31.43 0.36 0.00	34.77 0.43 0.00	38.87 0.49 0.00	49.76 1.11 0.00	70.88 2.30 0.00	68.48 2.70 -0.01	49.20 1.87 0.00	41.32 1.55 0.00	29.56 1.01 0.00	25.15 0.80 0.00
CAITHNESS_CC_1 323624	28.75 1.44 0.00	26.95 1.13 0.00	25.97 1.03 0.00	25.92 0.83 0.00	27.44 0.75 0.00	26.05 0.78 0.00	25.06 0.77 0.00	28.32 0.71 0.00	25.35 0.94 0.00	24.65 1.04 0.00	25.30 1.27 0.00	27.42 1.44 0.00	52.51 1.86 -20.10	60.16 2.01 -24.34	62.11 2.02 -29.02	45.50 2.22 -8.95	44.58 2.42 -3.78	51.28 2.62 0.00	71.66 3.08 0.00	68.65 2.87 0.00	49.55 2.21 0.00	42.01 2.24 0.00	30.49 1.63 -0.32	34.45 1.27 -8.83
CALPINE BETH_PAGE_GT4 24209	28.97 1.66 0.00	27.17 1.35 0.00	26.17 1.23 0.00	26.15 1.06 0.00	27.74 1.05 0.00	26.29 1.02 0.00	25.26 0.97 0.00	28.63 1.03 0.00	25.56 1.14 0.00	24.84 1.23 0.00	25.48 1.46 0.00	27.57 1.59 0.00	52.62 1.93 -20.14	61.57 2.12 -25.64	63.45 1.92 -30.47	46.24 2.09 -9.81	45.38 2.29 -4.72	51.16 2.50 0.00	71.53 2.95 0.00	68.49 2.72 0.00	49.43 2.09 0.00	41.87 2.10 0.00	30.40 1.54 -0.32	34.42 1.24 -8.83
CALPINE_BETH_PAGE_GT_4 323586	28.97 1.65 0.00	27.17 1.35 0.00	26.17 1.23 0.00	26.15 1.06 0.00	27.74 1.04 0.00	26.29 1.02 0.00	25.26 0.97 0.00	28.63 1.03 0.00	25.56 1.14 0.00	24.84 1.23 0.00	25.48 1.45 0.00	27.57 1.59 0.00	52.64 1.95 -20.14	61.57 2.12 -25.64	63.48 1.95 -30.47	46.25 2.10 -9.81	45.37 2.28 -4.72	51.16 2.50 0.00	71.53 2.95 0.00	68.49 2.72 0.00	49.43 2.10 0.00	41.86 2.09 0.00	30.40 1.54 -0.32	34.43 1.25 -8.83
CALPINE_BP_GT1 23823	28.97 1.65 0.00	27.17 1.35 0.00	26.17 1.23 0.00	26.15 1.06 0.00	27.74 1.04 0.00	26.29 1.02 0.00	25.26 0.97 0.00	28.63 1.03 0.00	25.56 1.14 0.00	24.84 1.23 0.00	25.48 1.45 0.00	27.57 1.59 0.00	52.64 1.95 -20.14	61.57 2.12 -25.64	63.48 1.95 -30.47	46.25 2.10 -9.81	45.37 2.28 -4.72	51.16 2.50 0.00	71.53 2.95 0.00	68.49 2.72 0.00	49.43 2.10 0.00	41.86 2.09 0.00	30.40 1.54 -0.32	34.43 1.25 -8.83
CALSPAN___DRP 24200	27.09 -0.23 0.00	25.78 -0.04 0.00	24.65 -0.28 0.00	24.87 -0.22 0.00	26.52 -0.17 0.00	25.23 -0.03 0.00	24.27 -0.02 0.00	27.57 -0.04 0.00	24.03 -0.39 0.00	23.44 -0.17 0.00	23.78 -0.24 0.00	25.95 -0.03 0.00	30.68 0.13 0.00	33.75 -0.05 0.00	31.05 -0.02 0.00	33.74 -0.60 0.00	37.43 -0.94 0.00	47.63 -1.02 0.00	67.94 -0.64 0.00	65.19 -0.58 0.00	46.62 -0.72 0.00	39.27 -0.50 0.00	28.40 -0.15 0.00	24.21 -0.14 0.00

CALVERTON___SOLAR 323806	28.78 1.47 0.00	26.96 1.15 0.00	25.99 1.05 0.00	25.94 0.85 0.00	27.45 0.76 0.00	26.06 0.79 0.00	25.07 0.78 0.00	28.34 0.73 0.00	25.37 0.95 0.00	24.67 1.05 0.00	25.31 1.29 0.00	27.45 1.47 0.00	52.56 1.91 -20.10	60.21 2.05 -24.35	62.17 2.07 -29.03	45.59 2.31 -8.95	44.72 2.56 -3.78	51.49 2.84 0.00	72.00 3.41 0.00	68.97 3.19 0.00	49.75 2.41 0.00	42.16 2.39 0.00	30.58 1.72 -0.32	34.51 1.33 -8.83
CANDIGU_WT_PWR 323617	27.22 -0.10 0.00	25.86 0.04 0.00	24.76 -0.18 0.00	25.05 -0.04 0.00	26.64 -0.05 0.00	25.23 -0.03 0.00	24.29 -0.01 0.00	27.62 0.01 0.00	23.93 -0.49 0.00	23.13 -0.48 0.00	23.45 -0.58 0.00	25.50 -0.48 0.00	30.11 -0.44 0.00	33.27 -0.54 0.00	30.69 -0.38 0.00	33.56 -0.78 0.00	37.51 -0.86 0.00	47.66 -0.99 0.00	68.16 -0.41 0.00	65.78 0.00 -0.01	47.10 -0.24 0.00	39.75 -0.02 0.00	28.64 0.09 0.00	24.25 -0.10 0.00
CARR STREET_E_SYR 24060	27.04 -0.28 0.00	25.60 -0.22 0.00	24.69 -0.24 0.00	24.87 -0.22 0.00	26.46 -0.23 0.00	25.04 -0.23 0.00	24.09 -0.20 0.00	27.38 -0.23 0.00	24.12 -0.29 0.00	23.32 -0.29 0.00	23.72 -0.31 0.00	25.63 -0.34 0.00	30.10 -0.44 0.00	33.35 -0.46 0.00	30.69 -0.38 0.00	33.78 -0.56 0.00	37.68 -0.69 0.00	47.87 -0.79 0.00	67.61 -0.97 0.00	64.88 -0.92 -0.02	46.68 -0.65 0.00	39.22 -0.54 0.00	28.23 -0.32 0.00	24.11 -0.24 0.00
CARTHAGE___PAPER 23857	27.65 0.33 0.00	26.03 0.21 0.00	25.29 0.36 0.00	25.73 0.64 0.00	27.79 1.10 0.00	26.39 1.12 0.00	25.35 1.05 0.00	28.81 1.21 0.00	25.27 0.85 0.00	24.31 0.70 0.00	24.70 0.67 0.00	26.42 0.44 0.00	30.70 0.15 0.00	33.98 0.17 0.00	31.36 0.29 0.00	34.50 0.17 0.00	38.60 0.22 0.00	49.79 1.13 0.00	71.74 3.16 0.00	69.76 3.96 -0.02	50.05 2.72 0.00	42.00 2.23 0.00	29.99 1.43 0.00	25.50 1.14 0.00
CASSADAGA_WT_PWR 323784	27.41 0.09 0.00	26.09 0.27 0.00	24.90 -0.03 0.00	25.20 0.10 0.00	26.86 0.17 0.00	25.51 0.24 0.00	24.50 0.20 0.00	27.97 0.36 0.00	24.33 -0.09 0.00	23.73 0.12 0.00	24.08 0.05 0.00	26.28 0.30 0.00	31.06 0.51 0.00	34.17 0.37 0.00	31.41 0.35 0.00	34.11 -0.23 0.00	37.89 -0.49 0.00	48.43 -0.22 0.00	69.11 0.53 0.00	66.38 0.60 0.00	47.22 -0.11 0.00	39.80 0.02 0.00	28.74 0.19 0.00	24.35 -0.01 0.00
CE_DUNWOOD___DRP 24194	28.65 1.33 0.00	26.91 1.09 0.00	25.94 1.00 0.00	25.98 0.88 0.00	27.59 0.90 0.00	26.15 0.88 0.00	25.13 0.83 0.00	28.55 0.94 0.00	25.38 0.96 0.00	24.61 1.00 0.00	25.18 1.16 0.00	27.28 1.30 0.00	51.98 1.57 -19.86	54.66 1.81 -19.04	55.94 1.77 -23.10	41.78 1.99 -5.44	40.62 2.24 0.00	51.25 2.59 0.00	71.86 3.28 0.00	68.78 3.01 0.00	49.52 2.19 0.00	41.75 1.98 0.00	30.31 1.44 -0.31	34.35 1.20 -8.80
CE_MILLWOOD___DRP 24193	28.59 1.27 0.00	26.85 1.03 0.00	25.89 0.96 0.00	25.93 0.83 0.00	27.54 0.85 0.00	26.10 0.83 0.00	25.09 0.80 0.00	28.50 0.89 0.00	25.33 0.91 0.00	24.55 0.94 0.00	25.12 1.10 0.00	27.21 1.23 0.00	51.77 1.49 -19.73	54.45 1.72 -18.92	55.72 1.70 -22.95	41.65 1.91 -5.41	40.53 2.15 0.00	51.13 2.48 0.00	71.71 3.13 0.00	68.65 2.88 0.00	49.42 2.09 0.00	41.66 1.89 0.00	30.24 1.38 -0.31	34.24 1.14 -8.75
CE_NYC2_DRP 24202	28.84 1.52 0.00	27.07 1.25 0.00	26.10 1.16 0.00	26.10 1.01 0.00	27.74 1.05 0.00	26.29 1.03 0.00	25.29 0.99 0.00	28.71 1.10 0.00	25.57 1.15 0.00	24.80 1.19 0.00	25.38 1.35 0.00	27.50 1.52 0.00	52.29 1.82 -19.91	55.01 2.11 -19.09	56.29 2.06 -23.16	42.06 2.27 -5.45	40.93 2.55 0.00	51.59 2.93 0.00	72.27 3.69 0.00	69.14 3.37 0.00	49.79 2.45 0.00	42.05 2.28 0.00	30.52 1.65 -0.32	34.56 1.38 -8.83
CE_NYC_DRP 24195	28.84 1.53 0.00	27.07 1.25 0.00	26.08 1.15 0.00	26.10 1.01 0.00	27.74 1.04 0.00	26.29 1.02 0.00	25.26 0.97 0.00	28.72 1.11 0.00	25.55 1.13 0.00	24.80 1.19 0.00	25.39 1.36 0.00	27.50 1.52 0.00	52.28 1.82 -19.91	55.00 2.10 -19.09	56.29 2.06 -23.16	42.08 2.29 -5.45	40.96 2.58 0.00	51.62 2.97 0.00	72.34 3.76 0.00	69.25 3.47 0.00	49.82 2.48 0.00	42.05 2.28 0.00	30.53 1.67 -0.32	34.56 1.38 -8.83
CHAFFEE___LFGE 323603	27.13 -0.19 0.00	25.81 -0.01 0.00	24.68 -0.26 0.00	24.89 -0.20 0.00	26.54 -0.15 0.00	25.26 -0.01 0.00	24.30 0.01 0.00	27.60 0.00 0.00	24.07 -0.34 0.00	23.48 -0.13 0.00	23.83 -0.19 0.00	25.99 0.02 0.00	30.73 0.18 0.00	33.82 0.01 0.00	31.11 0.04 0.00	33.82 -0.52 0.00	37.59 -0.79 0.00	47.79 -0.86 0.00	68.19 -0.40 0.00	65.42 -0.36 0.00	46.77 -0.57 0.00	39.41 -0.36 0.00	28.49 -0.06 0.00	24.25 -0.10 0.00
CHATEAUG_35_KV_LOAD 355732	27.74 0.43 0.00	26.23 0.41 0.00	25.34 0.40 0.00	25.47 0.37 0.00	27.11 0.41 0.00	25.86 0.59 0.00	24.85 0.56 0.00	28.29 0.68 0.00	24.98 0.56 0.00	24.13 0.52 0.00	24.60 0.57 0.00	26.64 0.66 0.00	31.28 0.73 0.00	34.60 0.80 0.00	31.70 0.63 0.00	35.08 0.74 0.00	39.31 0.93 0.00	49.84 1.19 0.00	70.77 2.18 0.00	68.35 2.57 0.00	49.14 1.81 0.00	41.00 1.23 0.00	29.22 0.67 0.00	24.92 0.57 0.00
CHATEAUG_WT_PWR 323614	27.72 0.40 0.00	26.21 0.38 0.00	25.32 0.38 0.00	25.46 0.37 0.00	27.10 0.41 0.00	25.82 0.55 0.00	24.85 0.55 0.00	28.26 0.65 0.00	24.98 0.56 0.00	24.12 0.51 0.00	24.60 0.57 0.00	26.69 0.72 0.00	31.34 0.78 0.00	34.67 0.86 0.00	31.77 0.70 0.00	35.16 0.83 0.00	39.36 0.98 0.00	49.91 1.26 0.00	70.74 2.16 0.00	68.22 2.45 0.00	49.00 1.67 0.00	40.89 1.12 0.00	29.17 0.62 0.00	24.88 0.53 0.00
CHAT_HIGH_FALL_HYD 323578	27.74 0.43 0.00	26.23 0.41 0.00	25.34 0.40 0.00	25.47 0.37 0.00	27.11 0.41 0.00	25.86 0.59 0.00	24.85 0.56 0.00	28.29 0.68 0.00	24.98 0.56 0.00	24.13 0.52 0.00	24.60 0.57 0.00	26.64 0.66 0.00	31.28 0.73 0.00	34.60 0.80 0.00	31.70 0.63 0.00	35.08 0.74 0.00	39.31 0.93 0.00	49.84 1.19 0.00	70.77 2.18 0.00	68.35 2.57 0.00	49.14 1.81 0.00	41.00 1.23 0.00	29.22 0.67 0.00	24.92 0.57 0.00
CHAUTAUQUA___LFGE 323629	27.17 -0.14 0.00	25.87 0.05 0.00	24.70 -0.23 0.00	25.01 -0.08 0.00	26.65 -0.04 0.00	25.29 0.02 0.00	24.30 0.01 0.00	27.72 0.11 0.00	24.09 -0.33 0.00	23.49 -0.12 0.00	23.83 -0.19 0.00	26.04 0.06 0.00	30.74 0.19 0.00	33.82 0.02 0.00	31.15 0.08 0.00	33.83 -0.51 0.00	37.55 -0.82 0.00	47.93 -0.72 0.00	68.38 -0.20 0.00	65.73 -0.05 0.00	46.83 -0.51 0.00	39.53 -0.24 0.00	28.56 0.01 0.00	24.20 -0.15 0.00
CHERRYST_13_KV_LD 356241	28.92 1.60 0.00	27.15 1.32 0.00	26.16 1.22 0.00	26.17 1.08 0.00	27.81 1.12 0.00	26.36 1.09 0.00	25.34 1.04 0.00	28.80 1.19 0.00	25.63 1.21 0.00	24.87 1.26 0.00	25.47 1.44 0.00	27.58 1.60 0.00	52.39 1.93 -19.91	55.11 2.21 -19.09	56.39 2.16 -23.16	42.20 2.40 -5.45	41.09 2.71 0.00	51.79 3.13 0.00	72.57 3.99 0.00	69.44 3.67 0.00	49.97 2.64 0.00	42.18 2.41 0.00	30.62 1.75 -0.32	34.63 1.45 -8.83

CHESTROR_138KV_BK263 355645	28.33 1.01 0.00	26.63 0.81 0.00	25.69 0.75 0.00	25.75 0.66 0.00	27.36 0.67 0.00	25.92 0.65 0.00	24.91 0.61 0.00	28.30 0.69 0.00	25.10 0.68 0.00	24.30 0.69 0.00	24.84 0.81 0.00	26.90 0.92 0.00	48.61 1.11 -16.94	51.38 1.32 -16.24	52.09 1.32 -19.71	40.48 1.50 -4.64	40.08 1.70 0.00	50.65 2.00 0.00	71.14 2.56 0.00	68.12 2.35 0.00	49.02 1.69 0.00	41.30 1.53 0.00	29.91 1.10 -0.27	32.77 0.91 -7.51
CH_MIDHUDSON___DRP 24192	28.58 1.27 0.00	26.88 1.06 0.00	25.93 0.99 0.00	25.98 0.88 0.00	27.59 0.90 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.52 0.91 0.00	25.33 0.91 0.00	24.53 0.91 0.00	25.08 1.05 0.00	27.14 1.16 0.00	45.05 1.38 -13.12	48.02 1.63 -12.58	47.94 1.61 -15.26	39.78 1.84 -3.60	40.49 2.12 0.00	51.17 2.52 0.00	71.84 3.26 0.00	68.75 2.97 0.00	49.52 2.18 0.00	41.67 1.90 0.00	30.09 1.33 -0.21	31.26 1.09 -5.82
CH_MISC_IPPS 23765	28.71 1.40 0.00	26.99 1.17 0.00	26.02 1.09 0.00	26.07 0.98 0.00	27.70 1.00 0.00	26.24 0.97 0.00	25.22 0.92 0.00	28.64 1.04 0.00	25.43 1.00 0.00	24.63 1.01 0.00	25.17 1.15 0.00	27.26 1.28 0.00	47.27 1.56 -15.16	50.18 1.84 -14.54	50.51 1.81 -17.64	40.57 2.08 -4.15	40.75 2.37 0.00	51.52 2.87 0.00	72.33 3.75 0.00	69.24 3.46 0.00	49.85 2.51 0.00	41.93 2.16 0.00	30.31 1.51 -0.24	32.31 1.24 -6.72
CH_RES_BVR_FALLS 23983	27.09 -0.22 0.00	25.62 -0.20 0.00	24.79 -0.14 0.00	25.01 -0.08 0.00	26.68 -0.02 0.00	25.27 0.00 0.00	24.28 -0.01 0.00	27.60 -0.01 0.00	24.42 0.00 0.00	23.61 0.00 0.00	24.03 0.00 0.00	25.98 0.00 0.00	30.57 0.02 0.00	33.80 0.00 0.00	31.04 -0.03 0.00	34.31 -0.03 0.00	38.35 -0.02 0.00	48.65 -0.01 0.00	68.60 0.02 0.00	65.79 0.02 0.00	47.29 -0.04 0.00	39.71 -0.06 0.00	28.51 -0.04 0.00	24.33 -0.02 0.00
CH_RES_NIAGARA 23895	26.66 -0.66 0.00	25.36 -0.46 0.00	24.29 -0.65 0.00	24.46 -0.63 0.00	26.11 -0.58 0.00	24.88 -0.38 0.00	23.94 -0.35 0.00	27.16 -0.45 0.00	23.71 -0.71 0.00	23.15 -0.46 0.00	23.49 -0.54 0.00	25.61 -0.36 0.00	30.27 -0.28 0.00	33.23 -0.58 0.00	30.50 -0.57 0.00	32.97 -1.37 0.00	36.43 -1.94 0.00	46.27 -2.38 0.00	65.92 -2.67 0.00	63.19 -2.59 0.00	45.27 -2.07 0.00	38.16 -1.61 0.00	27.67 -0.88 0.00	23.81 -0.54 0.00
CH_RES_SYRACUSE 23985	27.22 -0.09 0.00	25.78 -0.04 0.00	24.87 -0.07 0.00	25.05 -0.05 0.00	26.65 -0.04 0.00	25.22 -0.04 0.00	24.27 -0.03 0.00	27.55 -0.06 0.00	24.24 -0.18 0.00	23.41 -0.20 0.00	23.82 -0.21 0.00	25.74 -0.23 0.00	30.25 -0.30 0.00	33.51 -0.30 0.00	30.85 -0.22 0.00	34.03 -0.31 0.00	38.06 -0.32 0.00	48.35 -0.31 0.00	68.37 -0.21 0.00	65.61 -0.20 -0.04	47.21 -0.13 0.00	39.65 -0.12 0.00	28.46 -0.09 0.00	24.25 -0.10 0.00
CLINTON_WT_PWR 323605	27.72 0.40 0.00	26.21 0.38 0.00	25.32 0.38 0.00	25.46 0.37 0.00	27.10 0.41 0.00	25.82 0.55 0.00	24.85 0.55 0.00	28.26 0.65 0.00	24.98 0.56 0.00	24.12 0.51 0.00	24.60 0.57 0.00	26.69 0.72 0.00	31.34 0.78 0.00	34.67 0.86 0.00	31.77 0.70 0.00	35.16 0.83 0.00	39.36 0.98 0.00	49.91 1.26 0.00	70.74 2.16 0.00	68.22 2.45 0.00	49.00 1.67 0.00	40.89 1.12 0.00	29.17 0.62 0.00	24.88 0.53 0.00
CLINTON___LFGE 323618	28.25 0.94 0.00	26.69 0.87 0.00	25.78 0.84 0.00	25.90 0.81 0.00	27.56 0.87 0.00	26.29 1.02 0.00	25.32 1.03 0.00	28.79 1.18 0.00	25.42 1.00 0.00	24.47 0.86 0.00	24.99 0.96 0.00	27.21 1.23 0.00	31.85 1.31 0.00	35.32 1.52 0.00	32.32 1.26 0.00	35.79 1.46 0.00	40.17 1.79 0.00	50.82 2.17 0.00	72.25 3.67 0.00	69.90 4.13 0.00	50.23 2.89 0.00	41.86 2.08 0.00	29.82 1.27 0.00	25.42 1.06 0.00
COBBLENY_34_KV_TB1 80064	27.13 -0.19 0.00	25.80 -0.02 0.00	24.68 -0.26 0.00	24.89 -0.20 0.00	26.54 -0.15 0.00	25.26 -0.01 0.00	24.30 0.01 0.00	27.61 0.00 0.00	24.07 -0.34 0.00	23.47 -0.14 0.00	23.83 -0.20 0.00	25.99 0.02 0.00	30.73 0.18 0.00	33.82 0.02 0.00	31.09 0.03 0.00	33.83 -0.51 0.00	37.54 -0.84 0.00	47.80 -0.86 0.00	68.19 -0.40 0.00	65.41 -0.36 0.00	46.80 -0.54 0.00	39.41 -0.36 0.00	28.49 -0.06 0.00	24.26 -0.09 0.00
COFFEEN___115KV_TB3 355620	27.79 0.47 0.00	26.17 0.35 0.00	25.41 0.47 0.00	25.89 0.79 0.00	27.95 1.26 0.00	26.53 1.27 0.00	25.51 1.21 0.00	29.00 1.39 0.00	25.38 0.96 0.00	24.47 0.86 0.00	24.79 0.76 0.00	26.38 0.40 0.00	30.60 0.05 0.00	33.85 0.04 0.00	31.27 0.20 0.00	34.38 0.04 0.00	38.49 0.11 0.00	49.69 1.03 0.00	72.04 3.46 0.00	70.30 4.49 -0.03	50.45 3.11 0.00	42.31 2.54 0.00	30.19 1.64 0.00	25.64 1.29 0.00
COLDSPRG_115KV_BK1 355956	27.50 0.18 0.00	26.17 0.35 0.00	25.00 0.06 0.00	25.26 0.17 0.00	26.93 0.24 0.00	25.60 0.33 0.00	24.61 0.32 0.00	28.08 0.47 0.00	24.45 0.03 0.00	23.83 0.22 0.00	24.19 0.16 0.00	26.36 0.38 0.00	31.18 0.63 0.00	34.36 0.55 0.00	31.53 0.46 0.00	34.32 -0.02 0.00	38.11 -0.27 0.00	48.63 -0.02 0.00	69.42 0.84 0.00	66.69 0.91 0.00	47.58 0.24 0.00	40.09 0.32 0.00	28.97 0.42 0.00	24.54 0.19 0.00
COLONIE_LFGE___ 323577	28.36 1.05 0.00	26.74 0.92 0.00	25.83 0.89 0.00	25.98 0.88 0.00	27.59 0.90 0.00	26.15 0.88 0.00	25.15 0.85 0.00	28.56 0.95 0.00	25.24 0.82 0.00	24.36 0.75 0.00	24.70 0.68 0.00	26.66 0.68 0.00	6.43 0.89 25.01	10.83 0.99 23.98	2.88 0.90 29.09	28.73 1.25 6.85	39.76 1.39 0.00	50.25 1.60 0.00	70.72 2.14 0.00	67.86 2.08 0.00	49.10 1.76 0.00	41.20 1.44 0.00	29.17 1.02 0.40	14.17 0.90 11.09
COOPERNY_115KV_TB1 80082	28.01 0.70 0.00	26.38 0.55 0.00	25.45 0.52 0.00	25.57 0.48 0.00	27.18 0.49 0.00	25.71 0.44 0.00	24.71 0.41 0.00	28.07 0.47 0.00	24.87 0.45 0.00	24.07 0.46 0.00	24.57 0.54 0.00	26.59 0.62 0.00	42.59 0.75 -11.29	45.51 0.88 -10.82	45.09 0.89 -13.13	38.43 1.00 -3.09	39.49 1.11 0.00	49.97 1.32 0.00	70.24 1.66 0.00	67.28 1.50 0.00	48.46 1.12 0.00	40.81 1.04 0.00	29.49 0.76 -0.18	29.98 0.62 -5.00
COPENHAGEN_WT_PWR 323753	27.29 -0.03 0.00	25.70 -0.12 0.00	25.01 0.08 0.00	25.55 0.45 0.00	27.66 0.97 0.00	26.25 0.98 0.00	25.22 0.93 0.00	28.68 1.07 0.00	25.14 0.72 0.00	24.24 0.63 0.00	24.59 0.56 0.00	26.24 0.26 0.00	30.51 -0.04 0.00	33.75 -0.06 0.00	31.15 0.08 0.00	34.27 -0.07 0.00	38.34 -0.04 0.00	49.34 0.68 0.00	71.14 2.57 0.00	69.10 3.30 -0.03	49.58 2.25 0.00	41.68 1.91 0.00	29.78 1.23 0.00	25.34 0.98 0.00
CORNELL_____ 23752	27.71 0.40 0.00	26.24 0.42 0.00	25.26 0.33 0.00	25.48 0.38 0.00	27.10 0.40 0.00	25.62 0.35 0.00	24.66 0.36 0.00	28.02 0.41 0.00	24.56 0.14 0.00	23.58 -0.03 0.00	23.91 -0.12 0.00	25.85 -0.13 0.00	30.42 -0.13 0.00	33.71 -0.10 0.00	31.10 0.03 0.00	34.32 -0.02 0.00	38.40 0.02 0.00	49.24 0.59 0.00	69.83 1.25 0.00	67.24 1.45 -0.02	48.31 0.98 0.00	40.59 0.82 0.00	29.11 0.56 0.00	24.72 0.37 0.00

CORONA__69_KV_TB1 355595	28.99 1.67 0.00	27.19 1.37 0.00	26.19 1.26 0.00	26.20 1.10 0.00	27.79 1.10 0.00	26.32 1.05 0.00	25.30 1.01 0.00	28.68 1.08 0.00	25.58 1.16 0.00	24.85 1.25 0.00	25.50 1.48 0.00	27.67 1.69 0.00	52.86 2.07 -20.24	64.60 2.28 -28.51	66.97 2.23 -33.67	48.50 2.44 -11.72	47.87 2.70 -6.79	51.75 3.10 0.00	72.46 3.88 0.00	69.40 3.62 0.00	50.00 2.66 0.00	42.33 2.57 0.00	30.74 1.87 -0.32	34.68 1.50 -8.83
CORTLAND__115KV_TB3 80093	27.38 0.07 0.00	25.94 0.12 0.00	24.99 0.05 0.00	25.20 0.11 0.00	26.81 0.12 0.00	25.33 0.07 0.00	24.37 0.08 0.00	27.71 0.10 0.00	24.34 -0.08 0.00	23.48 -0.14 0.00	23.85 -0.18 0.00	25.81 -0.17 0.00	30.34 -0.21 0.00	33.60 -0.20 0.00	30.97 -0.10 0.00	34.17 -0.17 0.00	38.22 -0.16 0.00	48.62 -0.04 0.00	68.84 0.26 0.00	66.19 0.40 -0.02	47.57 0.23 0.00	40.02 0.25 0.00	28.72 0.17 0.00	24.41 0.06 0.00
COXSACKIE__GT 23611	28.61 1.30 0.00	27.02 1.20 0.00	26.11 1.18 0.00	26.24 1.15 0.00	27.85 1.16 0.00	26.38 1.11 0.00	25.39 1.10 0.00	28.87 1.26 0.00	25.46 1.04 0.00	24.33 0.72 0.00	24.60 0.58 0.00	26.55 0.58 0.00	25.00 0.86 6.41	28.54 0.87 6.14	24.43 0.81 7.45	34.01 1.43 1.76	40.30 1.93 0.00	51.04 2.39 0.00	72.28 3.70 0.00	69.53 3.76 0.00	50.22 2.88 0.00	41.99 2.22 0.00	29.93 1.48 0.10	22.72 1.20 2.84
CPV_VALLEY__CC1 323721	28.12 0.80 0.00	26.46 0.63 0.00	25.52 0.58 0.00	25.60 0.51 0.00	27.20 0.51 0.00	25.75 0.48 0.00	24.75 0.46 0.00	28.13 0.52 0.00	24.94 0.52 0.00	24.15 0.54 0.00	24.68 0.65 0.00	26.73 0.75 0.00	46.45 0.90 -15.00	49.26 1.07 -14.38	49.59 1.08 -17.44	39.66 1.21 -4.11	39.74 1.36 0.00	50.22 1.56 0.00	70.52 1.94 0.00	67.54 1.77 0.00	48.62 1.28 0.00	40.95 1.19 0.00	29.66 0.87 -0.24	31.72 0.73 -6.65
CPV_VALLEY__CC2 323722	28.12 0.80 0.00	26.46 0.63 0.00	25.52 0.58 0.00	25.60 0.51 0.00	27.20 0.51 0.00	25.75 0.48 0.00	24.75 0.46 0.00	28.13 0.52 0.00	24.94 0.52 0.00	24.15 0.54 0.00	24.68 0.65 0.00	26.73 0.75 0.00	46.45 0.90 -15.00	49.26 1.07 -14.38	49.59 1.08 -17.44	39.66 1.21 -4.11	39.74 1.36 0.00	50.22 1.56 0.00	70.52 1.94 0.00	67.54 1.77 0.00	48.62 1.28 0.00	40.95 1.19 0.00	29.66 0.87 -0.24	31.72 0.73 -6.65
CRESCENT__HYD 24018	28.36 1.05 0.00	26.74 0.92 0.00	25.83 0.89 0.00	25.98 0.88 0.00	27.59 0.90 0.00	26.15 0.88 0.00	25.15 0.85 0.00	28.56 0.95 0.00	25.24 0.82 0.00	24.36 0.75 0.00	24.70 0.68 0.00	26.66 0.68 0.00	6.43 0.89 25.01	10.83 0.99 23.98	2.88 0.90 29.09	28.73 1.25 6.85	39.76 1.39 0.00	50.25 1.60 0.00	70.72 2.14 0.00	67.86 2.08 0.00	49.10 1.76 0.00	41.20 1.44 0.00	29.17 1.02 0.40	14.17 0.90 11.09
CRICKET__VALLEY_CC1 323756	28.23 0.91 0.00	26.58 0.76 0.00	25.66 0.72 0.00	25.71 0.61 0.00	27.29 0.60 0.00	25.87 0.60 0.00	24.85 0.56 0.00	28.18 0.57 0.00	25.03 0.61 0.00	24.22 0.61 0.00	24.79 0.76 0.00	26.78 0.80 0.00	-266.86 0.90 298.31	-251.09 1.10 286.00	-314.81 1.06 346.94	-46.08 1.29 81.71	39.84 1.46 0.00	50.34 1.69 0.00	70.67 2.09 0.00	67.61 1.83 0.00	48.75 1.42 0.00	40.99 1.22 0.00	24.66 0.84 4.73	-107.15 0.71 132.21
CRICKET__VALLEY_CC2 323757	28.23 0.91 0.00	26.58 0.76 0.00	25.66 0.72 0.00	25.71 0.61 0.00	27.29 0.60 0.00	25.87 0.60 0.00	24.85 0.56 0.00	28.18 0.57 0.00	25.03 0.61 0.00	24.22 0.61 0.00	24.79 0.76 0.00	26.78 0.80 0.00	-266.86 0.90 298.31	-251.09 1.10 286.00	-314.81 1.06 346.94	-46.08 1.29 81.71	39.84 1.46 0.00	50.34 1.69 0.00	70.67 2.09 0.00	67.61 1.83 0.00	48.75 1.42 0.00	40.99 1.22 0.00	24.66 0.84 4.73	-107.15 0.71 132.21
CRICKET__VALLEY_CC3 323758	28.23 0.91 0.00	26.58 0.76 0.00	25.66 0.72 0.00	25.71 0.61 0.00	27.29 0.60 0.00	25.87 0.60 0.00	24.85 0.56 0.00	28.18 0.57 0.00	25.03 0.61 0.00	24.22 0.61 0.00	24.79 0.76 0.00	26.78 0.80 0.00	-266.86 0.90 298.31	-251.09 1.10 286.00	-314.81 1.06 346.94	-46.08 1.29 81.71	39.84 1.46 0.00	50.34 1.69 0.00	70.67 2.09 0.00	67.61 1.83 0.00	48.75 1.42 0.00	40.99 1.22 0.00	24.66 0.84 4.73	-107.15 0.71 132.21
CRUCIBLE__METL_DRP 24180	27.22 -0.09 0.00	25.78 -0.04 0.00	24.87 -0.07 0.00	25.05 -0.05 0.00	26.65 -0.04 0.00	25.22 -0.05 0.00	24.26 -0.03 0.00	27.55 -0.06 0.00	24.24 -0.18 0.00	23.40 -0.20 0.00	23.82 -0.21 0.00	25.74 -0.23 0.00	30.25 -0.30 0.00	33.51 -0.29 0.00	30.85 -0.22 0.00	34.04 -0.30 0.00	38.06 -0.32 0.00	48.35 -0.31 0.00	68.37 -0.21 0.00	65.61 -0.20 -0.04	47.21 -0.13 0.00	39.65 -0.12 0.00	28.47 -0.08 0.00	24.25 -0.10 0.00
DAHOWA__HYDRO 323763	29.28 1.96 0.00	27.58 1.76 0.00	26.59 1.66 0.00	26.73 1.64 0.00	28.42 1.72 0.00	26.95 1.68 0.00	25.96 1.66 0.00	29.50 1.90 0.00	25.96 1.55 0.00	24.94 1.33 0.00	25.08 1.05 0.00	27.06 1.08 0.00	10.41 1.45 21.58	14.79 1.67 20.69	7.58 1.62 25.11	30.69 2.27 5.91	40.97 2.59 0.00	51.98 3.33 0.00	73.59 5.01 0.00	70.63 4.86 0.00	51.11 3.78 0.00	42.84 3.07 0.00	30.31 2.10 0.34	16.56 1.78 9.57
DANC__LFGE 323619	27.16 -0.16 0.00	25.64 -0.18 0.00	24.86 -0.08 0.00	25.25 0.15 0.00	27.16 0.47 0.00	25.75 0.48 0.00	24.74 0.45 0.00	28.13 0.52 0.00	24.71 0.29 0.00	23.84 0.22 0.00	24.18 0.16 0.00	25.93 -0.04 0.00	30.25 -0.30 0.00	33.46 -0.35 0.00	30.86 -0.21 0.00	33.97 -0.36 0.00	37.98 -0.40 0.00	48.62 -0.03 0.00	69.63 1.05 0.00	67.43 1.62 -0.04	48.45 1.12 0.00	40.75 0.97 0.00	29.16 0.61 0.00	24.81 0.46 0.00
DANSKAMMER__1 23586	28.71 1.40 0.00	26.99 1.17 0.00	26.02 1.09 0.00	26.07 0.98 0.00	27.70 1.00 0.00	26.24 0.97 0.00	25.22 0.92 0.00	28.64 1.04 0.00	25.43 1.00 0.00	24.63 1.01 0.00	25.17 1.15 0.00	27.26 1.28 0.00	47.27 1.56 -15.16	50.18 1.84 -14.54	50.51 1.81 -17.64	40.57 2.08 -4.15	40.75 2.37 0.00	51.52 2.87 0.00	72.33 3.75 0.00	69.24 3.46 0.00	49.85 2.51 0.00	41.93 2.16 0.00	30.31 1.51 -0.24	32.31 1.24 -6.72
DANSKAMMER__2 23589	28.71 1.40 0.00	26.99 1.17 0.00	26.02 1.09 0.00	26.07 0.98 0.00	27.70 1.00 0.00	26.24 0.97 0.00	25.22 0.92 0.00	28.64 1.04 0.00	25.43 1.00 0.00	24.63 1.01 0.00	25.17 1.15 0.00	27.26 1.28 0.00	47.27 1.56 -15.16	50.18 1.84 -14.54	50.51 1.81 -17.64	40.57 2.08 -4.15	40.75 2.37 0.00	51.52 2.87 0.00	72.33 3.75 0.00	69.24 3.46 0.00	49.85 2.51 0.00	41.93 2.16 0.00	30.31 1.51 -0.24	32.31 1.24 -6.72
DANSKAMMER__3 23590	28.71 1.40 0.00	26.99 1.17 0.00	26.02 1.09 0.00	26.07 0.98 0.00	27.70 1.00 0.00	26.24 0.97 0.00	25.22 0.92 0.00	28.64 1.04 0.00	25.43 1.00 0.00	24.63 1.01 0.00	25.17 1.15 0.00	27.26 1.28 0.00	47.27 1.56 -15.16	50.18 1.84 -14.54	50.51 1.81 -17.64	40.57 2.08 -4.15	40.75 2.37 0.00	51.52 2.87 0.00	72.33 3.75 0.00	69.24 3.46 0.00	49.85 2.51 0.00	41.93 2.16 0.00	30.31 1.51 -0.24	32.31 1.24 -6.72

DANSKAMMER___4 23591	28.71 1.40 0.00	26.99 1.17 0.00	26.02 1.09 0.00	26.07 0.98 0.00	27.70 1.00 0.00	26.24 0.97 0.00	25.22 0.92 0.00	28.64 1.04 0.00	25.43 1.00 0.00	24.63 1.01 0.00	25.17 1.15 0.00	27.26 1.28 0.00	47.27 1.56 -15.16	50.18 1.84 -14.54	50.51 1.81 -17.64	40.57 2.08 -4.15	40.75 2.37 0.00	51.52 2.87 0.00	72.33 3.75 0.00	69.24 3.46 0.00	49.85 2.51 0.00	41.93 2.16 0.00	30.31 1.51 -0.24	32.31 1.24 -6.72
DANSKAMMER___DIESEL 23592	28.72 1.40 0.00	26.99 1.17 0.00	26.03 1.09 0.00	26.07 0.98 0.00	27.70 1.01 0.00	26.24 0.97 0.00	25.22 0.92 0.00	28.64 1.04 0.00	25.43 1.01 0.00	24.63 1.02 0.00	25.17 1.15 0.00	27.26 1.29 0.00	47.27 1.55 -15.16	50.18 1.84 -14.54	50.50 1.80 -17.64	40.56 2.07 -4.15	40.76 2.38 0.00	51.52 2.87 0.00	72.34 3.76 0.00	69.24 3.46 0.00	49.85 2.51 0.00	41.93 2.16 0.00	30.30 1.51 -0.24	32.31 1.24 -6.72
DARBY___SOLAR 323810	29.09 1.78 0.00	27.41 1.59 0.00	26.44 1.50 0.00	26.58 1.48 0.00	28.25 1.55 0.00	26.78 1.52 0.00	25.79 1.50 0.00	29.31 1.70 0.00	25.80 1.38 0.00	24.79 1.18 0.00	24.96 0.94 0.00	26.92 0.95 0.00	9.72 1.28 22.11	14.10 1.49 21.20	6.80 1.44 25.71	30.31 2.03 6.06	40.67 2.29 0.00	51.62 2.96 0.00	73.00 4.42 0.00	70.09 4.31 0.00	50.70 3.36 0.00	42.50 2.73 0.00	30.08 1.89 0.35	16.16 1.61 9.80
DASHVILLE___HYD 23610	28.47 1.16 0.00	26.77 0.95 0.00	25.83 0.90 0.00	25.88 0.79 0.00	27.50 0.81 0.00	26.05 0.77 0.00	25.03 0.74 0.00	28.42 0.81 0.00	25.24 0.82 0.00	24.44 0.83 0.00	24.97 0.94 0.00	27.02 1.04 0.00	40.58 1.30 -8.73	43.68 1.49 -8.37	42.69 1.47 -10.16	38.43 1.69 -2.39	40.31 1.93 0.00	50.96 2.31 0.00	71.55 2.97 0.00	68.50 2.72 0.00	49.36 2.02 0.00	41.52 1.75 0.00	29.92 1.23 -0.14	29.23 1.01 -3.87
DELAWARE___LFGE 323621	27.88 0.56 0.00	26.33 0.51 0.00	25.46 0.52 0.00	25.66 0.57 0.00	27.28 0.59 0.00	25.72 0.46 0.00	24.73 0.43 0.00	28.09 0.48 0.00	24.80 0.38 0.00	24.00 0.39 0.00	24.42 0.40 0.00	26.42 0.45 0.00	31.11 0.57 0.00	34.45 0.65 0.00	31.71 0.64 0.00	35.04 0.70 0.00	39.17 0.80 0.00	49.67 1.02 0.00	69.95 1.37 0.00	67.04 1.26 -0.01	48.31 0.97 0.00	40.64 0.87 0.00	29.18 0.63 0.00	24.85 0.49 0.00
DERFIELD_115KV_TB7 355931	27.42 0.11 0.00	25.91 0.09 0.00	25.03 0.10 0.00	25.20 0.11 0.00	26.81 0.12 0.00	25.37 0.10 0.00	24.39 0.10 0.00	27.70 0.09 0.00	24.49 0.07 0.00	23.68 0.07 0.00	24.07 0.05 0.00	26.02 0.05 0.00	30.59 0.04 0.00	33.88 0.07 0.00	31.13 0.06 0.00	34.47 0.13 0.00	38.53 0.15 0.00	48.85 0.20 0.00	68.80 0.22 0.00	65.98 0.20 0.00	47.53 0.20 0.00	39.96 0.19 0.00	28.69 0.14 0.00	24.45 0.10 0.00
DOGLEVILLE___HYD 23807	28.18 0.86 0.00	26.59 0.76 0.00	25.68 0.74 0.00	25.84 0.74 0.00	27.42 0.73 0.00	25.86 0.60 0.00	24.90 0.60 0.00	28.23 0.62 0.00	24.71 0.29 0.00	23.61 0.00 0.00	23.76 -0.27 0.00	25.67 -0.30 0.00	30.43 -0.12 0.00	33.66 -0.15 0.00	31.10 0.03 0.00	34.88 0.54 0.00	39.27 0.89 0.00	49.76 1.10 0.00	70.51 1.93 0.00	67.93 2.16 0.00	49.08 1.75 0.00	41.13 1.36 0.00	29.47 0.91 0.00	25.05 0.70 0.00
DUNKIRK__115KV_TB_200 55889	27.13 -0.19 0.00	25.84 0.02 0.00	24.67 -0.27 0.00	24.97 -0.12 0.00	26.62 -0.08 0.00	25.25 -0.02 0.00	24.27 -0.03 0.00	27.67 0.06 0.00	24.05 -0.37 0.00	23.45 -0.16 0.00	23.80 -0.23 0.00	26.00 0.02 0.00	30.69 0.14 0.00	33.77 -0.04 0.00	31.10 0.03 0.00	33.80 -0.54 0.00	37.47 -0.90 0.00	47.87 -0.79 0.00	68.28 -0.30 0.00	65.61 -0.16 0.00	46.78 -0.55 0.00	39.48 -0.29 0.00	28.53 -0.02 0.00	24.18 -0.17 0.00
DUNKIRK___1 23563	27.13 -0.19 0.00	25.84 0.02 0.00	24.67 -0.27 0.00	24.97 -0.12 0.00	26.62 -0.08 0.00	25.25 -0.02 0.00	24.27 -0.03 0.00	27.67 0.06 0.00	24.05 -0.37 0.00	23.45 -0.16 0.00	23.80 -0.23 0.00	26.00 0.02 0.00	30.69 0.14 0.00	33.77 -0.04 0.00	31.10 0.03 0.00	33.80 -0.54 0.00	37.47 -0.90 0.00	47.87 -0.79 0.00	68.28 -0.30 0.00	65.61 -0.16 0.00	46.78 -0.55 0.00	39.48 -0.29 0.00	28.53 -0.02 0.00	24.18 -0.17 0.00
DUNKIRK___2 23564	27.13 -0.19 0.00	25.84 0.02 0.00	24.67 -0.27 0.00	24.97 -0.12 0.00	26.62 -0.08 0.00	25.25 -0.02 0.00	24.27 -0.03 0.00	27.67 0.06 0.00	24.05 -0.37 0.00	23.45 -0.16 0.00	23.80 -0.23 0.00	26.00 0.02 0.00	30.69 0.14 0.00	33.77 -0.04 0.00	31.10 0.03 0.00	33.80 -0.54 0.00	37.47 -0.90 0.00	47.87 -0.79 0.00	68.28 -0.30 0.00	65.61 -0.16 0.00	46.78 -0.55 0.00	39.48 -0.29 0.00	28.53 -0.02 0.00	24.18 -0.17 0.00
DUNKIRK___3 23565	27.05 -0.27 0.00	25.75 -0.07 0.00	24.60 -0.34 0.00	24.89 -0.20 0.00	26.53 -0.16 0.00	25.18 -0.09 0.00	24.21 -0.08 0.00	27.57 -0.03 0.00	23.98 -0.44 0.00	23.39 -0.23 0.00	23.73 -0.29 0.00	25.92 -0.06 0.00	30.61 0.06 0.00	33.69 -0.12 0.00	31.01 -0.05 0.00	33.71 -0.63 0.00	37.38 -0.99 0.00	47.68 -0.98 0.00	67.99 -0.59 0.00	65.31 -0.46 0.00	46.60 -0.74 0.00	39.33 -0.44 0.00	28.42 -0.12 0.00	24.13 -0.22 0.00
DUNKIRK___4 23566	27.05 -0.27 0.00	25.75 -0.07 0.00	24.60 -0.34 0.00	24.89 -0.20 0.00	26.53 -0.16 0.00	25.18 -0.09 0.00	24.21 -0.08 0.00	27.57 -0.03 0.00	23.98 -0.44 0.00	23.39 -0.23 0.00	23.73 -0.29 0.00	25.92 -0.06 0.00	30.61 0.06 0.00	33.69 -0.12 0.00	31.01 -0.05 0.00	33.71 -0.63 0.00	37.38 -0.99 0.00	47.68 -0.98 0.00	67.99 -0.59 0.00	65.31 -0.46 0.00	46.60 -0.74 0.00	39.33 -0.44 0.00	28.42 -0.12 0.00	24.13 -0.22 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.71 1.39 0.00	26.96 1.14 0.00	25.99 1.06 0.00	26.02 0.93 0.00	27.63 0.94 0.00	26.19 0.92 0.00	25.17 0.88 0.00	28.59 0.98 0.00	25.42 1.01 0.00	24.66 1.05 0.00	25.24 1.22 0.00	27.33 1.36 0.00	52.10 1.64 -19.91	54.79 1.89 -19.09	56.08 1.85 -23.16	41.87 2.08 -5.45	40.71 2.33 0.00	51.34 2.68 0.00	71.97 3.39 0.00	68.90 3.13 0.00	49.61 2.27 0.00	41.83 2.06 0.00	30.38 1.51 -0.32	34.43 1.26 -8.83
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.47 1.15 0.00	26.75 0.92 0.00	25.80 0.86 0.00	25.86 0.76 0.00	27.47 0.78 0.00	26.02 0.75 0.00	25.01 0.72 0.00	28.41 0.81 0.00	25.21 0.79 0.00	24.42 0.81 0.00	24.96 0.93 0.00	27.03 1.06 0.00	47.83 1.27 -16.00	50.67 1.52 -15.34	51.19 1.50 -18.61	40.44 1.71 -4.38	40.34 1.97 0.00	50.97 2.32 0.00	71.60 3.02 0.00	68.53 2.76 0.00	49.32 1.99 0.00	41.54 1.77 0.00	30.06 1.26 -0.25	32.48 1.03 -7.09
E179THST_138_KV_TB4_REV_LBMP_J 345001	28.86 1.55 0.00	27.09 1.27 0.00	26.13 1.19 0.00	26.11 1.02 0.00	27.77 1.08 0.00	26.31 1.04 0.00	25.33 1.03 0.00	28.72 1.11 0.00	25.58 1.16 0.00	24.78 1.17 0.00	25.33 1.31 0.00	27.47 1.50 0.00	52.25 1.79 -19.91	54.99 2.09 -19.09	56.27 2.04 -23.16	42.04 2.25 -5.45	40.89 2.51 0.00	51.57 2.92 0.00	72.32 3.74 0.00	69.20 3.43 0.00	49.83 2.49 0.00	42.09 2.32 0.00	30.52 1.66 -0.32	34.56 1.38 -8.83

E179THST_13_KV_LOAD 356214	29.00 1.68 0.00	27.22 1.40 0.00	26.24 1.30 0.00	26.21 1.12 0.00	27.89 1.19 0.00	26.42 1.15 0.00	25.43 1.13 0.00	28.83 1.22 0.00	25.69 1.27 0.00	24.90 1.28 0.00	25.45 1.43 0.00	27.61 1.63 0.00	52.42 1.95 -19.91	55.18 2.28 -19.09	56.44 2.21 -23.16	42.24 2.44 -5.45	41.10 2.72 0.00	51.85 3.19 0.00	72.71 4.13 0.00	69.58 3.81 0.00	50.11 2.77 0.00	42.31 2.54 0.00	30.68 1.81 -0.32	34.69 1.51 -8.83
EAST HAMPTON___GT 23717	29.64 2.33 0.00	27.77 1.95 0.00	26.77 1.84 0.00	26.74 1.64 0.00	28.28 1.59 0.00	26.86 1.59 0.00	25.83 1.53 0.00	29.16 1.55 0.00	26.14 1.72 0.00	25.48 1.87 0.00	26.21 2.19 0.00	28.41 2.43 0.00	53.61 2.96 -20.10	61.35 3.19 -24.35	63.25 3.15 -29.03	46.90 3.62 -8.95	46.27 4.11 -3.79	53.56 4.91 0.00	74.90 6.32 0.00	71.64 5.86 0.00	51.55 4.21 0.00	43.65 3.88 0.00	31.58 2.71 -0.32	35.29 2.11 -8.83
EAST RIVER___6 23660	28.87 1.56 0.00	27.10 1.28 0.00	26.11 1.17 0.00	26.12 1.02 0.00	27.75 1.06 0.00	26.30 1.03 0.00	25.29 0.99 0.00	28.74 1.13 0.00	25.57 1.16 0.00	24.81 1.20 0.00	25.39 1.36 0.00	27.49 1.52 0.00	52.27 1.81 -19.91	54.98 2.09 -19.09	56.30 2.07 -23.16	42.09 2.30 -5.45	40.97 2.59 0.00	51.62 2.97 0.00	72.32 3.74 0.00	69.20 3.43 0.00	49.81 2.47 0.00	42.03 2.26 0.00	30.51 1.65 -0.32	34.54 1.36 -8.83
EAST RIVER___7 23524	28.87 1.56 0.00	27.10 1.28 0.00	26.11 1.17 0.00	26.12 1.02 0.00	27.75 1.06 0.00	26.30 1.03 0.00	25.29 0.99 0.00	28.74 1.13 0.00	25.57 1.16 0.00	24.81 1.20 0.00	25.39 1.36 0.00	27.49 1.52 0.00	52.27 1.81 -19.91	54.98 2.09 -19.09	56.30 2.07 -23.16	42.09 2.30 -5.45	40.97 2.59 0.00	51.62 2.97 0.00	72.32 3.74 0.00	69.20 3.43 0.00	49.81 2.47 0.00	42.03 2.26 0.00	30.51 1.65 -0.32	34.54 1.36 -8.83
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.65 1.33 0.00	26.91 1.09 0.00	25.94 1.00 0.00	25.98 0.88 0.00	27.59 0.90 0.00	26.15 0.88 0.00	25.13 0.83 0.00	28.55 0.94 0.00	25.38 0.96 0.00	24.61 1.00 0.00	25.18 1.16 0.00	27.28 1.30 0.00	51.98 1.57 -19.86	54.66 1.81 -19.04	55.94 1.77 -23.10	41.78 1.99 -5.44	40.62 2.24 0.00	51.25 2.59 0.00	71.86 3.28 0.00	68.78 3.01 0.00	49.52 2.19 0.00	41.75 1.98 0.00	30.31 1.44 -0.31	34.35 1.20 -8.80
EAST_HAMPTON___DIESEL 23722	29.65 2.33 0.00	27.78 1.96 0.00	26.78 1.84 0.00	26.75 1.65 0.00	28.28 1.59 0.00	26.87 1.60 0.00	25.84 1.54 0.00	29.16 1.56 0.00	26.15 1.73 0.00	25.48 1.87 0.00	26.22 2.19 0.00	28.41 2.44 0.00	53.61 2.96 -20.10	61.35 3.19 -24.35	63.25 3.15 -29.03	46.90 3.61 -8.95	46.27 4.11 -3.79	53.57 4.92 0.00	74.90 6.32 0.00	71.64 5.87 0.00	51.55 4.21 0.00	43.66 3.89 0.00	31.58 2.72 -0.32	35.29 2.11 -8.83
EAST_POINT___SOLAR 323840	28.56 1.25 0.00	26.96 1.14 0.00	26.03 1.09 0.00	26.16 1.07 0.00	27.87 1.18 0.00	26.39 1.12 0.00	25.37 1.08 0.00	28.75 1.14 0.00	24.65 0.23 0.00	23.92 0.32 0.00	23.52 -0.51 0.00	25.40 -0.57 0.00	19.05 -0.08 11.42	22.39 -0.47 10.94	17.21 -0.58 13.28	30.94 -0.27 3.13	38.26 -0.11 0.00	49.40 0.74 0.00	71.87 3.29 0.00	69.84 4.07 0.00	50.23 2.90 0.00	42.04 2.27 0.00	29.88 1.51 0.18	20.49 1.20 5.06
EAST_PULASKI___ESR 323781	27.05 -0.27 0.00	25.59 -0.24 0.00	24.72 -0.21 0.00	24.98 -0.12 0.00	26.68 -0.01 0.00	25.27 0.00 0.00	24.31 0.01 0.00	27.62 0.01 0.00	24.30 -0.12 0.00	23.46 -0.15 0.00	23.81 -0.21 0.00	25.64 -0.33 0.00	30.00 -0.55 0.00	33.21 -0.60 0.00	30.58 -0.49 0.00	33.70 -0.64 0.00	37.66 -0.72 0.00	47.96 -0.69 0.00	68.21 -0.37 0.00	65.88 0.05 -0.06	47.39 0.06 0.00	39.85 0.08 0.00	28.56 0.01 0.00	24.31 -0.04 0.00
EAST_RIVER___1 323558	28.84 1.53 0.00	27.07 1.25 0.00	26.08 1.15 0.00	26.10 1.01 0.00	27.74 1.04 0.00	26.29 1.02 0.00	25.27 0.97 0.00	28.72 1.11 0.00	25.55 1.13 0.00	24.79 1.18 0.00	25.39 1.36 0.00	27.50 1.52 0.00	52.29 1.83 -19.91	55.00 2.10 -19.09	56.30 2.07 -23.16	42.09 2.29 -5.45	40.95 2.58 0.00	51.62 2.97 0.00	72.34 3.76 0.00	69.24 3.47 0.00	49.81 2.47 0.00	42.05 2.28 0.00	30.53 1.67 -0.32	34.56 1.38 -8.83
EAST_RIVER___2 323559	28.87 1.56 0.00	27.10 1.28 0.00	26.11 1.17 0.00	26.12 1.02 0.00	27.75 1.06 0.00	26.30 1.03 0.00	25.29 0.99 0.00	28.74 1.13 0.00	25.57 1.16 0.00	24.81 1.20 0.00	25.39 1.36 0.00	27.49 1.52 0.00	52.27 1.81 -19.91	54.98 2.09 -19.09	56.30 2.07 -23.16	42.09 2.30 -5.45	40.97 2.59 0.00	51.62 2.97 0.00	72.32 3.74 0.00	69.20 3.43 0.00	49.81 2.47 0.00	42.03 2.26 0.00	30.51 1.65 -0.32	34.54 1.36 -8.83
EAST___DELAWARE_HYD 23607	28.12 0.81 0.00	26.43 0.61 0.00	25.49 0.55 0.00	25.56 0.46 0.00	27.15 0.46 0.00	25.71 0.45 0.00	24.73 0.43 0.00	28.08 0.47 0.00	24.90 0.48 0.00	24.05 0.44 0.00	24.54 0.51 0.00	26.54 0.56 0.00	42.48 0.71 -11.22	45.38 0.81 -10.76	44.38 0.25 -13.05	37.74 0.32 -3.08	38.74 0.36 0.00	49.17 0.52 0.00	69.13 0.55 0.00	66.45 0.67 0.00	48.96 1.63 0.00	41.18 1.40 0.00	29.67 0.94 -0.18	30.05 0.72 -4.98
EIGHT_POINT___WT_PWR 323820	27.52 0.21 0.00	26.09 0.27 0.00	24.92 -0.02 0.00	25.17 0.07 0.00	26.73 0.04 0.00	25.40 0.13 0.00	24.49 0.20 0.00	27.88 0.28 0.00	24.09 -0.33 0.00	23.27 -0.34 0.00	23.53 -0.49 0.00	25.54 -0.44 0.00	30.20 -0.35 0.00	33.35 -0.46 0.00	30.76 -0.31 0.00	33.60 -0.74 0.00	37.65 -0.73 0.00	47.81 -0.84 0.00	68.59 0.01 0.00	66.51 0.73 -0.01	47.62 0.29 0.00	40.11 0.34 0.00	28.89 0.33 0.00	24.41 0.06 0.00
ELBRIDGE_115KV_TB2 80188	27.11 -0.20 0.00	25.69 -0.13 0.00	24.77 -0.17 0.00	24.95 -0.14 0.00	26.55 -0.14 0.00	25.12 -0.14 0.00	24.17 -0.13 0.00	27.45 -0.15 0.00	24.15 -0.26 0.00	23.29 -0.31 0.00	23.71 -0.32 0.00	25.64 -0.34 0.00	30.12 -0.42 0.00	33.36 -0.45 0.00	30.71 -0.36 0.00	33.86 -0.48 0.00	37.85 -0.52 0.00	48.07 -0.59 0.00	68.02 -0.56 0.00	65.23 -0.58 -0.04	46.98 -0.36 0.00	39.49 -0.28 0.00	28.33 -0.22 0.00	24.14 -0.22 0.00
ELEC_TRO_TEK 24086	28.81 1.50 0.00	27.03 1.21 0.00	26.04 1.11 0.00	26.04 0.95 0.00	27.63 0.94 0.00	26.19 0.91 0.00	25.17 0.87 0.00	28.54 0.93 0.00	25.45 1.03 0.00	24.73 1.12 0.00	25.36 1.33 0.00	27.49 1.51 0.00	52.63 1.84 -20.24	64.24 2.05 -28.38	66.59 1.99 -33.53	48.13 2.16 -11.63	47.45 2.38 -6.69	51.33 2.67 0.00	71.84 3.26 0.00	68.82 3.05 0.00	49.61 2.27 0.00	42.00 2.24 0.00	30.49 1.63 -0.32	34.48 1.30 -8.83
ELLENBURG_WT_PWR 323604	27.72 0.40 0.00	26.21 0.38 0.00	25.32 0.38 0.00	25.46 0.37 0.00	27.10 0.41 0.00	25.82 0.55 0.00	24.85 0.55 0.00	28.26 0.65 0.00	24.98 0.56 0.00	24.12 0.51 0.00	24.60 0.57 0.00	26.69 0.72 0.00	31.34 0.78 0.00	34.67 0.86 0.00	31.77 0.70 0.00	35.16 0.83 0.00	39.36 0.98 0.00	49.91 1.26 0.00	70.74 2.16 0.00	68.22 2.45 0.00	49.00 1.67 0.00	40.89 1.12 0.00	29.17 0.62 0.00	24.88 0.53 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.01 -0.30 0.00	25.69 -0.13 0.00	24.59 -0.35 0.00	24.80 -0.30 0.00	26.45 -0.25 0.00	25.17 -0.09 0.00	24.22 -0.08 0.00	27.50 -0.11 0.00	23.98 -0.44 0.00	23.39 -0.22 0.00	23.74 -0.29 0.00	25.89 -0.08 0.00	30.61 0.06 0.00	33.66 -0.15 0.00	30.94 -0.13 0.00	33.61 -0.72 0.00	37.27 -1.10 0.00	47.41 -1.25 0.00	67.60 -0.98 0.00	64.84 -0.93 0.00	46.39 -0.95 0.00	39.08 -0.69 0.00	28.27 -0.28 0.00	24.14 -0.22 0.00
EMPIRE_CC_1 323656	27.84 0.52 0.00	26.31 0.49 0.00	25.43 0.49 0.00	25.56 0.47 0.00	27.11 0.42 0.00	25.67 0.40 0.00	24.67 0.38 0.00	27.97 0.36 0.00	24.78 0.36 0.00	23.95 0.33 0.00	24.35 0.33 0.00	26.29 0.31 0.00	4.71 0.41 26.25	9.06 0.41 25.16	0.91 0.36 30.53	27.72 0.57 7.19	38.93 0.55 0.00	49.08 0.42 0.00	68.93 0.35 0.00	66.10 0.33 0.00	47.87 0.54 0.00	40.23 0.46 0.00	28.49 0.35 0.42	13.11 0.39 11.63
EMPIRE_CC_2 323658	27.84 0.52 0.00	26.31 0.49 0.00	25.43 0.49 0.00	25.56 0.47 0.00	27.11 0.42 0.00	25.67 0.40 0.00	24.67 0.38 0.00	27.97 0.36 0.00	24.78 0.36 0.00	23.95 0.33 0.00	24.35 0.33 0.00	26.29 0.31 0.00	4.71 0.41 26.25	9.06 0.41 25.16	0.91 0.36 30.53	27.72 0.57 7.19	38.93 0.55 0.00	49.08 0.42 0.00	68.93 0.35 0.00	66.10 0.33 0.00	47.87 0.54 0.00	40.23 0.46 0.00	28.49 0.35 0.42	13.11 0.39 11.63
ENORWICH_115KV_TB1 80156	28.76 1.45 0.00	27.21 1.39 0.00	26.14 1.21 0.00	26.35 1.25 0.00	28.06 1.37 0.00	26.59 1.32 0.00	25.60 1.31 0.00	28.96 1.36 0.00	25.36 0.94 0.00	24.39 0.78 0.00	24.56 0.53 0.00	26.56 0.58 0.00	31.28 0.73 0.00	34.72 0.91 0.00	32.14 1.07 0.00	35.47 1.13 0.00	39.75 1.37 0.00	51.29 2.64 0.00	73.09 4.51 0.00	70.52 4.73 -0.02	50.24 2.91 0.00	42.11 2.34 0.00	30.19 1.64 0.00	25.60 1.25 0.00
ERIE_ST__34_KV_TB1-2 80199	27.10 -0.21 0.00	25.78 -0.04 0.00	24.66 -0.28 0.00	24.85 -0.24 0.00	26.52 -0.18 0.00	25.23 -0.04 0.00	24.27 -0.02 0.00	27.57 -0.04 0.00	24.05 -0.37 0.00	23.46 -0.15 0.00	23.82 -0.21 0.00	25.97 0.00 0.00	30.74 0.19 0.00	33.84 0.03 0.00	31.12 0.06 0.00	33.91 -0.43 0.00	37.63 -0.75 0.00	47.89 -0.76 0.00	68.30 -0.28 0.00	65.47 -0.30 0.00	46.80 -0.54 0.00	39.40 -0.37 0.00	28.48 -0.07 0.00	24.25 -0.11 0.00
ERIE_WT_PWR 323693	27.12 -0.20 0.00	25.79 -0.03 0.00	24.67 -0.27 0.00	24.88 -0.21 0.00	26.53 -0.16 0.00	25.24 -0.02 0.00	24.28 -0.02 0.00	27.59 -0.02 0.00	24.04 -0.38 0.00	23.45 -0.16 0.00	23.79 -0.24 0.00	25.96 -0.02 0.00	30.69 0.14 0.00	33.76 -0.05 0.00	31.08 0.01 0.00	33.75 -0.59 0.00	37.48 -0.90 0.00	47.65 -1.00 0.00	67.99 -0.60 0.00	65.27 -0.50 0.00	46.63 -0.70 0.00	39.29 -0.48 0.00	28.42 -0.14 0.00	24.20 -0.15 0.00
ESPRGFLD_115KV_TB1 80157	28.07 0.75 0.00	26.52 0.70 0.00	25.62 0.68 0.00	25.78 0.69 0.00	27.47 0.77 0.00	25.96 0.69 0.00	24.96 0.67 0.00	28.39 0.78 0.00	24.94 0.52 0.00	24.13 0.52 0.00	24.46 0.43 0.00	26.44 0.47 0.00	24.02 0.66 7.18	27.58 0.66 6.89	23.29 0.58 8.36	32.99 0.62 1.97	39.14 0.76 0.00	49.96 1.31 0.00	70.97 2.39 0.00	68.29 2.51 0.00	49.03 1.70 0.00	41.14 1.37 0.00	29.34 0.91 0.11	21.87 0.71 3.18
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.66 0.35 0.00	26.20 0.38 0.00	25.22 0.28 0.00	25.43 0.33 0.00	27.06 0.36 0.00	25.58 0.31 0.00	24.62 0.32 0.00	27.97 0.36 0.00	24.53 0.11 0.00	23.56 -0.04 0.00	23.90 -0.12 0.00	25.85 -0.13 0.00	30.41 -0.14 0.00	33.70 -0.11 0.00	31.09 0.03 0.00	34.30 -0.04 0.00	38.38 0.00 0.00	49.14 0.48 0.00	69.66 1.07 0.00	67.06 1.26 -0.02	48.18 0.84 0.00	40.49 0.72 0.00	29.04 0.49 0.00	24.66 0.31 0.00
ETNA____115KV_TB2 80207	27.66 0.35 0.00	26.20 0.38 0.00	25.22 0.28 0.00	25.43 0.33 0.00	27.06 0.36 0.00	25.58 0.31 0.00	24.62 0.32 0.00	27.97 0.36 0.00	24.53 0.11 0.00	23.56 -0.04 0.00	23.90 -0.12 0.00	25.85 -0.13 0.00	30.41 -0.14 0.00	33.70 -0.11 0.00	31.09 0.03 0.00	34.30 -0.04 0.00	38.38 0.00 0.00	49.14 0.48 0.00	69.66 1.07 0.00	67.06 1.26 -0.02	48.18 0.84 0.00	40.49 0.72 0.00	29.04 0.49 0.00	24.66 0.31 0.00
EUCLID__115KV_TB2 356179	26.95 -0.37 0.00	25.53 -0.30 0.00	24.62 -0.32 0.00	24.80 -0.30 0.00	26.39 -0.31 0.00	24.98 -0.29 0.00	24.03 -0.27 0.00	27.28 -0.32 0.00	24.04 -0.38 0.00	23.25 -0.37 0.00	23.64 -0.39 0.00	25.54 -0.44 0.00	29.99 -0.56 0.00	33.21 -0.60 0.00	30.56 -0.51 0.00	33.69 -0.65 0.00	37.65 -0.73 0.00	47.80 -0.85 0.00	67.51 -1.07 0.00	64.79 -1.00 -0.02	46.63 -0.71 0.00	39.18 -0.59 0.00	28.16 -0.39 0.00	24.00 -0.35 0.00
E_CANADA_CAP_HY 24051	28.20 0.89 0.00	26.65 0.83 0.00	25.74 0.80 0.00	25.87 0.78 0.00	27.59 0.90 0.00	26.12 0.85 0.00	25.11 0.81 0.00	28.55 0.94 0.00	24.95 0.53 0.00	24.09 0.48 0.00	24.28 0.25 0.00	26.22 0.24 0.00	20.68 0.49 10.36	24.29 0.41 9.93	19.26 0.24 12.05	31.96 0.46 2.84	39.01 0.63 0.00	49.82 1.16 0.00	71.17 2.59 0.00	68.72 2.95 0.00	49.38 2.04 0.00	41.37 1.60 0.00	29.44 1.05 0.16	20.62 0.86 4.59
E_CANADA_MHWK_HY 24050	28.17 0.86 0.00	26.59 0.76 0.00	25.67 0.74 0.00	25.84 0.74 0.00	27.42 0.73 0.00	25.86 0.60 0.00	24.90 0.60 0.00	28.23 0.62 0.00	24.71 0.29 0.00	23.61 0.00 0.00	23.76 -0.26 0.00	25.67 -0.30 0.00	30.43 -0.12 0.00	33.66 -0.15 0.00	31.10 0.03 0.00	34.88 0.54 0.00	39.27 0.89 0.00	49.75 1.10 0.00	70.51 1.93 0.00	67.93 2.15 0.00	49.08 1.75 0.00	41.13 1.36 0.00	29.47 0.91 0.00	25.05 0.70 0.00
E_FISHKILL__LBMP 23776	28.45 1.13 0.00	26.75 0.93 0.00	25.81 0.87 0.00	25.86 0.76 0.00	27.46 0.77 0.00	26.02 0.75 0.00	25.01 0.71 0.00	28.39 0.78 0.00	25.22 0.80 0.00	24.44 0.82 0.00	24.99 0.96 0.00	27.04 1.07 0.00	52.25 1.27 -20.44	54.89 1.48 -19.59	56.29 1.45 -23.77	41.59 1.65 -5.60	40.24 1.86 0.00	50.80 2.15 0.00	71.29 2.71 0.00	68.24 2.46 0.00	49.15 1.82 0.00	41.40 1.63 0.00	30.05 1.18 -0.32	34.39 0.98 -9.06
FALCON__SEABRD_CC1 323796	28.27 0.96 0.00	26.71 0.89 0.00	25.80 0.86 0.00	25.93 0.84 0.00	27.58 0.89 0.00	26.31 1.04 0.00	25.35 1.05 0.00	28.80 1.19 0.00	25.43 1.01 0.00	24.52 0.91 0.00	25.03 1.00 0.00	27.23 1.25 0.00	31.92 1.37 0.00	35.40 1.59 0.00	32.43 1.36 0.00	35.94 1.60 0.00	40.25 1.88 0.00	50.92 2.27 0.00	72.24 3.66 0.00	69.87 4.10 0.00	50.22 2.88 0.00	41.87 2.09 0.00	29.85 1.30 0.00	25.45 1.09 0.00
FALCON__SEABRD_CC2 323797	28.27 0.96 0.00	26.71 0.89 0.00	25.80 0.86 0.00	25.93 0.84 0.00	27.58 0.89 0.00	26.31 1.04 0.00	25.35 1.05 0.00	28.80 1.19 0.00	25.43 1.01 0.00	24.52 0.91 0.00	25.03 1.00 0.00	27.23 1.25 0.00	31.92 1.37 0.00	35.40 1.59 0.00	32.43 1.36 0.00	35.94 1.60 0.00	40.25 1.88 0.00	50.92 2.27 0.00	72.24 3.66 0.00	69.87 4.10 0.00	50.22 2.88 0.00	41.87 2.09 0.00	29.85 1.30 0.00	25.45 1.09 0.00

FAR ROCKAWAY___4 23548	29.20 1.89 0.00	27.39 1.57 0.00	26.38 1.45 0.00	26.38 1.29 0.00	27.98 1.28 0.00	26.50 1.23 0.00	25.48 1.19 0.00	28.89 1.28 0.00	25.77 1.35 0.00	25.05 1.44 0.00	25.72 1.69 0.00	27.93 1.95 0.00	53.13 2.37 -20.21	64.03 2.62 -27.60	66.30 2.57 -32.66	48.25 2.80 -11.11	47.63 3.12 -6.13	52.29 3.64 0.00	73.21 4.63 0.00	70.10 4.32 0.00	50.48 3.15 0.00	42.74 2.97 0.00	31.01 2.14 -0.32	34.90 1.72 -8.83
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.85 1.54 0.00	27.07 1.25 0.00	26.09 1.16 0.00	26.11 1.01 0.00	27.74 1.05 0.00	26.29 1.02 0.00	25.27 0.97 0.00	28.72 1.11 0.00	25.56 1.14 0.00	24.81 1.20 0.00	25.40 1.37 0.00	27.51 1.53 0.00	52.31 1.84 -19.91	55.02 2.12 -19.09	56.31 2.08 -23.16	42.10 2.31 -5.45	40.97 2.59 0.00	51.64 2.99 0.00	72.38 3.80 0.00	69.27 3.49 0.00	49.85 2.51 0.00	42.07 2.30 0.00	30.55 1.68 -0.32	34.57 1.39 -8.83
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.86 1.54 0.00	27.08 1.26 0.00	26.10 1.16 0.00	26.11 1.02 0.00	27.74 1.05 0.00	26.29 1.03 0.00	25.27 0.98 0.00	28.72 1.11 0.00	25.56 1.14 0.00	24.81 1.20 0.00	25.40 1.37 0.00	27.51 1.53 0.00	52.31 1.84 -19.91	55.02 2.12 -19.09	56.31 2.08 -23.16	42.10 2.31 -5.45	40.98 2.60 0.00	51.64 2.99 0.00	72.38 3.80 0.00	69.28 3.51 0.00	49.86 2.52 0.00	42.08 2.31 0.00	30.55 1.68 -0.32	34.57 1.40 -8.83
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.83 1.52 0.00	27.06 1.24 0.00	26.08 1.14 0.00	26.09 1.00 0.00	27.72 1.03 0.00	26.28 1.01 0.00	25.26 0.96 0.00	28.70 1.09 0.00	25.54 1.12 0.00	24.79 1.18 0.00	25.37 1.35 0.00	27.49 1.52 0.00	52.28 1.82 -19.91	54.99 2.09 -19.09	56.28 2.05 -23.16	42.07 2.27 -5.45	40.94 2.56 0.00	51.59 2.94 0.00	72.31 3.73 0.00	69.20 3.43 0.00	49.80 2.47 0.00	42.03 2.26 0.00	30.52 1.66 -0.32	34.55 1.37 -8.83
FARRAGUT___LBMP 323566	28.81 1.50 0.00	27.05 1.22 0.00	26.06 1.12 0.00	26.07 0.98 0.00	27.70 1.01 0.00	26.26 0.99 0.00	25.24 0.94 0.00	28.68 1.07 0.00	25.52 1.10 0.00	24.77 1.16 0.00	25.36 1.33 0.00	27.47 1.49 0.00	52.25 1.79 -19.91	54.96 2.06 -19.09	56.25 2.02 -23.16	42.04 2.25 -5.45	40.90 2.53 0.00	51.56 2.91 0.00	72.25 3.67 0.00	69.16 3.38 0.00	49.76 2.43 0.00	42.00 2.23 0.00	30.50 1.63 -0.32	34.53 1.36 -8.83
FENNER___WINDPWR 24204	27.94 0.63 0.00	26.38 0.55 0.00	25.44 0.51 0.00	25.63 0.54 0.00	27.36 0.67 0.00	25.92 0.64 0.00	24.93 0.64 0.00	28.33 0.72 0.00	25.00 0.58 0.00	24.14 0.53 0.00	24.43 0.41 0.00	26.32 0.35 0.00	30.94 0.39 0.00	34.42 0.61 0.00	31.55 0.48 0.00	34.95 0.61 0.00	39.15 0.77 0.00	50.03 1.37 0.00	70.93 2.35 0.00	68.22 2.44 -0.01	49.05 1.72 0.00	41.17 1.40 0.00	29.52 0.96 0.00	25.09 0.74 0.00
FIBERTEK___ENERGY 23856	27.22 -0.09 0.00	25.78 -0.04 0.00	24.87 -0.07 0.00	25.05 -0.05 0.00	26.65 -0.04 0.00	25.22 -0.05 0.00	24.26 -0.03 0.00	27.55 -0.06 0.00	24.24 -0.18 0.00	23.40 -0.20 0.00	23.82 -0.21 0.00	25.74 -0.23 0.00	30.25 -0.30 0.00	33.51 -0.29 0.00	30.85 -0.22 0.00	34.04 -0.30 0.00	38.06 -0.32 0.00	48.35 -0.31 0.00	68.37 -0.21 0.00	65.61 -0.20 -0.04	47.21 -0.13 0.00	39.65 -0.12 0.00	28.47 -0.08 0.00	24.25 -0.10 0.00
FITZPATRICK___ 23598	26.57 -0.74 0.00	25.19 -0.64 0.00	24.30 -0.64 0.00	24.47 -0.62 0.00	26.04 -0.66 0.00	24.65 -0.62 0.00	23.71 -0.58 0.00	26.93 -0.68 0.00	23.75 -0.67 0.00	22.96 -0.64 0.00	23.35 -0.68 0.00	25.22 -0.76 0.00	29.56 -0.98 0.00	32.74 -1.07 0.00	30.10 -0.96 0.00	33.20 -1.14 0.00	37.12 -1.26 0.00	47.11 -1.54 0.00	66.47 -2.11 0.00	63.56 -2.01 0.20	45.94 -1.40 0.00	38.61 -1.16 0.00	27.73 -0.82 0.00	23.65 -0.71 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.77 1.45 0.00	27.04 1.22 0.00	26.07 1.13 0.00	26.11 1.02 0.00	27.74 1.05 0.00	26.28 1.01 0.00	25.26 0.97 0.00	28.70 1.09 0.00	25.47 1.05 0.00	24.67 1.06 0.00	25.22 1.20 0.00	27.32 1.34 0.00	47.69 1.62 -15.52	50.60 1.91 -14.88	51.00 1.88 -18.05	40.75 2.16 -4.25	40.85 2.48 0.00	51.64 2.98 0.00	72.52 3.94 0.00	69.41 3.64 0.00	49.95 2.62 0.00	42.02 2.25 0.00	30.37 1.58 -0.25	32.52 1.28 -6.88
FORT ORANGE___ 23900	27.81 0.49 0.00	26.28 0.46 0.00	25.41 0.47 0.00	25.53 0.44 0.00	27.10 0.41 0.00	25.66 0.38 0.00	24.68 0.38 0.00	28.00 0.39 0.00	24.76 0.34 0.00	23.89 0.28 0.00	24.29 0.27 0.00	26.25 0.27 0.00	16.88 0.37 14.04	20.71 0.36 13.46	15.10 0.36 16.33	31.06 0.56 3.85	39.05 0.67 0.00	49.38 0.73 0.00	69.48 0.90 0.00	66.68 0.90 0.00	48.19 0.85 0.00	40.45 0.68 0.00	28.79 0.47 0.22	18.55 0.42 6.22
FORT_DRUM_COGEN 23780	27.59 0.28 0.00	25.99 0.17 0.00	25.25 0.31 0.00	25.73 0.64 0.00	27.81 1.11 0.00	26.39 1.12 0.00	25.36 1.06 0.00	28.82 1.22 0.00	25.26 0.84 0.00	24.34 0.73 0.00	24.69 0.66 0.00	26.34 0.36 0.00	30.61 0.06 0.00	33.87 0.06 0.00	31.27 0.20 0.00	34.40 0.06 0.00	38.49 0.11 0.00	49.61 0.96 0.00	71.65 3.07 0.00	69.76 3.96 -0.03	50.05 2.71 0.00	42.01 2.24 0.00	29.99 1.44 0.00	25.50 1.14 0.00
FOX_HILLS___ESR 323835	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.06 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.79 1.18 0.00	25.62 1.20 0.00	24.85 1.24 0.00	25.41 1.39 0.00	27.57 1.59 0.00	52.36 1.90 -19.91	55.10 2.20 -19.09	56.40 2.17 -23.16	42.12 2.33 -5.45	41.06 2.68 0.00	51.75 3.10 0.00	72.44 3.86 0.00	69.27 3.50 0.00	49.85 2.52 0.00	42.07 2.31 0.00	30.48 1.62 -0.32	34.55 1.37 -8.83
FPL_FAR_ROCK_GT1 24212	29.20 1.89 0.00	27.39 1.57 0.00	26.38 1.45 0.00	26.38 1.29 0.00	27.98 1.28 0.00	26.50 1.23 0.00	25.48 1.19 0.00	28.89 1.28 0.00	25.77 1.34 0.00	25.05 1.44 0.00	25.72 1.69 0.00	27.93 1.95 0.00	53.16 2.39 -20.21	64.03 2.62 -27.60	66.32 2.59 -32.66	48.26 2.81 -11.11	47.62 3.11 -6.13	52.29 3.64 0.00	73.21 4.63 0.00	70.10 4.32 0.00	50.49 3.15 0.00	42.74 2.97 0.00	31.01 2.14 -0.32	34.91 1.73 -8.83
FPL_FAR_ROCK_GT2 23815	29.20 1.89 0.00	27.39 1.57 0.00	26.38 1.45 0.00	26.38 1.29 0.00	27.98 1.28 0.00	26.50 1.23 0.00	25.48 1.19 0.00	28.89 1.28 0.00	25.77 1.34 0.00	25.05 1.44 0.00	25.72 1.69 0.00	27.93 1.95 0.00	53.16 2.39 -20.21	64.03 2.62 -27.60	66.32 2.59 -32.66	48.26 2.81 -11.11	47.62 3.11 -6.13	52.29 3.64 0.00	73.21 4.63 0.00	70.10 4.32 0.00	50.49 3.15 0.00	42.74 2.97 0.00	31.01 2.14 -0.32	34.91 1.73 -8.83
FRANKLIN_FALL_HYD 24054	27.91 0.60 0.00	26.39 0.57 0.00	25.48 0.54 0.00	25.61 0.52 0.00	27.29 0.60 0.00	26.02 0.75 0.00	25.03 0.73 0.00	28.49 0.88 0.00	25.18 0.76 0.00	24.31 0.70 0.00	24.78 0.75 0.00	26.79 0.81 0.00	31.47 0.92 0.00	34.83 1.02 0.00	31.88 0.82 0.00	35.24 0.90 0.00	39.49 1.11 0.00	50.21 1.56 0.00	71.39 2.81 0.00	68.97 3.19 0.00	49.52 2.18 0.00	41.29 1.52 0.00	29.42 0.87 0.00	25.09 0.74 0.00



FREEPORT_EQUS_GT1 23764	29.01 1.70 0.00	27.21 1.38 0.00	26.20 1.26 0.00	26.19 1.10 0.00	27.79 1.10 0.00	26.32 1.05 0.00	25.29 1.00 0.00	28.67 1.07 0.00	25.59 1.17 0.00	24.86 1.25 0.00	25.52 1.50 0.00	27.67 1.70 0.00	52.81 2.10 -20.16	62.25 2.29 -26.15	64.24 2.12 -31.05	46.91 2.42 -10.15	46.16 2.69 -5.09	51.71 3.06 0.00	72.20 3.62 0.00	69.08 3.31 0.00	49.95 2.62 0.00	42.30 2.53 0.00	30.71 1.84 -0.32	34.65 1.47 -8.83
FREEPORT___CT2 23818	29.01 1.70 0.00	27.21 1.38 0.00	26.20 1.26 0.00	26.19 1.10 0.00	27.79 1.10 0.00	26.32 1.05 0.00	25.29 1.00 0.00	28.67 1.07 0.00	25.59 1.17 0.00	24.86 1.25 0.00	25.52 1.50 0.00	27.67 1.70 0.00	52.81 2.10 -20.16	62.25 2.29 -26.15	64.24 2.12 -31.05	46.91 2.42 -10.15	46.16 2.69 -5.09	51.71 3.06 0.00	72.20 3.62 0.00	69.08 3.31 0.00	49.95 2.62 0.00	42.30 2.53 0.00	30.71 1.84 -0.32	34.65 1.47 -8.83
FRESHKLS_33_KV_LOAD 356253	29.01 1.70 0.00	27.23 1.41 0.00	26.24 1.30 0.00	26.24 1.15 0.00	27.89 1.19 0.00	26.43 1.16 0.00	25.42 1.12 0.00	28.88 1.28 0.00	25.68 1.27 0.00	24.91 1.30 0.00	25.47 1.45 0.00	27.63 1.66 0.00	52.45 1.98 -19.91	55.20 2.30 -19.09	56.50 2.26 -23.16	42.23 2.43 -5.45	41.19 2.81 0.00	51.95 3.30 0.00	72.68 4.10 0.00	69.49 3.72 0.00	50.02 2.68 0.00	42.16 2.40 0.00	30.51 1.64 -0.32	34.56 1.38 -8.83
FULTON COGEN____ 23766	26.87 -0.44 0.00	25.45 -0.37 0.00	24.56 -0.37 0.00	24.74 -0.36 0.00	26.32 -0.37 0.00	24.91 -0.36 0.00	23.96 -0.33 0.00	27.22 -0.39 0.00	23.98 -0.44 0.00	23.18 -0.43 0.00	23.55 -0.48 0.00	25.43 -0.55 0.00	29.85 -0.69 0.00	33.07 -0.74 0.00	30.40 -0.67 0.00	33.53 -0.80 0.00	37.49 -0.89 0.00	47.65 -1.00 0.00	67.36 -1.22 0.00	64.75 -1.09 -0.07	46.57 -0.77 0.00	39.13 -0.64 0.00	28.10 -0.45 0.00	23.93 -0.42 0.00
FULTON___LFGE 323630	28.47 1.16 0.00	26.87 1.05 0.00	25.95 1.01 0.00	26.08 0.98 0.00	27.78 1.09 0.00	26.29 1.02 0.00	25.27 0.97 0.00	28.68 1.08 0.00	24.85 0.43 0.00	23.78 0.16 0.00	23.93 -0.10 0.00	25.84 -0.13 0.00	19.09 0.22 11.68	22.74 0.13 11.20	17.59 0.11 13.59	31.76 0.62 3.20	39.33 0.95 0.00	49.89 1.23 0.00	71.54 2.96 0.00	69.27 3.50 0.00	49.85 2.51 0.00	41.76 1.99 0.00	29.70 1.34 0.18	20.24 1.07 5.18
G.F.CEMENT___DRP 24184	29.73 2.42 0.00	27.99 2.17 0.00	26.97 2.04 0.00	27.09 2.00 0.00	28.81 2.11 0.00	27.34 2.07 0.00	26.37 2.07 0.00	29.98 2.37 0.00	26.38 1.96 0.00	25.31 1.70 0.00	25.34 1.32 0.00	27.32 1.35 0.00	11.65 1.80 20.69	16.09 2.12 19.84	9.02 2.02 24.06	31.42 2.75 5.67	41.62 3.24 0.00	52.77 4.11 0.00	74.88 6.30 0.00	71.94 6.17 0.00	52.10 4.76 0.00	43.64 3.87 0.00	30.87 2.65 0.33	17.41 2.23 9.17
GARDENVILLE___LBMP 24039	27.04 -0.28 0.00	25.73 -0.09 0.00	24.61 -0.33 0.00	24.82 -0.27 0.00	26.47 -0.22 0.00	25.19 -0.08 0.00	24.23 -0.06 0.00	27.52 -0.09 0.00	23.99 -0.43 0.00	23.38 -0.22 0.00	23.73 -0.29 0.00	25.89 -0.08 0.00	30.61 0.06 0.00	33.67 -0.14 0.00	30.96 -0.11 0.00	33.65 -0.69 0.00	37.32 -1.06 0.00	47.49 -1.16 0.00	67.74 -0.84 0.00	65.02 -0.76 0.00	46.51 -0.83 0.00	39.17 -0.60 0.00	28.33 -0.22 0.00	24.15 -0.20 0.00
GARDNVLA_35_KV_LD 355827	27.14 -0.17 0.00	25.81 -0.01 0.00	24.69 -0.25 0.00	24.90 -0.19 0.00	26.56 -0.13 0.00	25.27 0.00 0.00	24.31 0.02 0.00	27.61 0.00 0.00	24.06 -0.36 0.00	23.47 -0.14 0.00	23.83 -0.19 0.00	26.00 0.02 0.00	30.75 0.20 0.00	33.83 0.03 0.00	31.12 0.05 0.00	33.83 -0.51 0.00	37.54 -0.84 0.00	47.76 -0.89 0.00	68.13 -0.45 0.00	65.36 -0.42 0.00	46.75 -0.59 0.00	39.36 -0.41 0.00	28.47 -0.09 0.00	24.26 -0.10 0.00
GELCKHM___115KV_LOAD 80723	27.04 -0.27 0.00	25.62 -0.20 0.00	24.72 -0.22 0.00	24.89 -0.20 0.00	26.49 -0.21 0.00	25.06 -0.20 0.00	24.12 -0.18 0.00	27.39 -0.22 0.00	24.12 -0.30 0.00	23.30 -0.31 0.00	23.71 -0.32 0.00	25.62 -0.36 0.00	30.09 -0.46 0.00	33.32 -0.49 0.00	30.66 -0.41 0.00	33.83 -0.51 0.00	37.82 -0.56 0.00	48.02 -0.64 0.00	67.85 -0.73 0.00	65.11 -0.69 -0.02	46.85 -0.48 0.00	39.37 -0.40 0.00	28.28 -0.28 0.00	24.10 -0.25 0.00
GENERAL___MILLS 23808	27.09 -0.23 0.00	25.78 -0.04 0.00	24.65 -0.28 0.00	24.87 -0.22 0.00	26.52 -0.17 0.00	25.23 -0.03 0.00	24.27 -0.02 0.00	27.57 -0.04 0.00	24.03 -0.39 0.00	23.44 -0.17 0.00	23.78 -0.24 0.00	25.95 -0.03 0.00	30.68 0.13 0.00	33.75 -0.05 0.00	31.05 -0.02 0.00	33.74 -0.60 0.00	37.43 -0.94 0.00	47.63 -1.02 0.00	67.94 -0.64 0.00	65.19 -0.58 0.00	46.62 -0.72 0.00	39.27 -0.50 0.00	28.40 -0.15 0.00	24.21 -0.14 0.00
GE_PLASTICS___DRP 24183	27.77 0.45 0.00	26.24 0.42 0.00	25.37 0.43 0.00	25.50 0.41 0.00	27.08 0.39 0.00	25.61 0.34 0.00	24.63 0.34 0.00	27.96 0.35 0.00	24.75 0.33 0.00	23.90 0.29 0.00	24.33 0.31 0.00	26.30 0.32 0.00	20.19 0.41 10.77	23.92 0.44 10.32	18.96 0.42 12.52	31.95 0.56 2.95	39.02 0.64 0.00	49.29 0.64 0.00	69.29 0.70 0.00	66.43 0.66 0.00	48.00 0.66 0.00	40.34 0.57 0.00	28.79 0.41 0.17	19.96 0.38 4.77
GILBOA___1 23756	27.79 0.48 0.00	26.25 0.43 0.00	25.48 0.54 0.00	25.75 0.65 0.00	27.36 0.66 0.00	25.64 0.38 0.00	24.63 0.33 0.00	27.98 0.37 0.00	24.73 0.31 0.00	23.92 0.31 0.00	24.35 0.33 0.00	26.34 0.36 0.00	31.00 0.45 0.00	34.32 0.51 0.00	31.57 0.50 0.00	34.93 0.59 0.00	39.03 0.65 0.00	49.25 0.60 0.00	68.95 0.37 0.00	65.98 0.21 0.00	47.90 0.56 0.00	40.38 0.60 0.00	29.03 0.48 0.00	24.75 0.40 0.00
GILBOA___2 23757	27.79 0.48 0.00	26.25 0.43 0.00	25.48 0.54 0.00	25.75 0.65 0.00	27.36 0.66 0.00	25.64 0.38 0.00	24.63 0.33 0.00	27.98 0.37 0.00	24.73 0.31 0.00	23.92 0.31 0.00	24.35 0.33 0.00	26.34 0.36 0.00	31.00 0.45 0.00	34.32 0.51 0.00	31.57 0.50 0.00	34.93 0.59 0.00	39.03 0.65 0.00	49.25 0.60 0.00	68.95 0.37 0.00	65.98 0.21 0.00	47.90 0.56 0.00	40.38 0.60 0.00	29.03 0.48 0.00	24.75 0.40 0.00
GILBOA___3 23758	27.79 0.48 0.00	26.25 0.43 0.00	25.48 0.54 0.00	25.75 0.65 0.00	27.36 0.66 0.00	25.64 0.38 0.00	24.63 0.33 0.00	27.98 0.37 0.00	24.73 0.31 0.00	23.92 0.31 0.00	24.35 0.33 0.00	26.34 0.36 0.00	31.00 0.45 0.00	34.32 0.51 0.00	31.57 0.50 0.00	34.93 0.59 0.00	39.03 0.65 0.00	49.25 0.60 0.00	68.95 0.37 0.00	65.98 0.21 0.00	47.90 0.56 0.00	40.38 0.60 0.00	29.03 0.48 0.00	24.75 0.40 0.00
GILBOA___4 23759	27.79 0.48 0.00	26.25 0.43 0.00	25.48 0.54 0.00	25.75 0.65 0.00	27.36 0.66 0.00	25.64 0.38 0.00	24.63 0.33 0.00	27.98 0.37 0.00	24.73 0.31 0.00	23.92 0.31 0.00	24.35 0.33 0.00	26.34 0.36 0.00	31.00 0.45 0.00	34.32 0.51 0.00	31.57 0.50 0.00	34.93 0.59 0.00	39.03 0.65 0.00	49.25 0.60 0.00	68.95 0.37 0.00	65.98 0.21 0.00	47.90 0.56 0.00	40.38 0.60 0.00	29.03 0.48 0.00	24.75 0.40 0.00

GILBOA____ 23599	27.79 0.48 0.00	26.25 0.43 0.00	25.48 0.54 0.00	25.75 0.65 0.00	27.36 0.66 0.00	25.64 0.38 0.00	24.63 0.33 0.00	27.98 0.37 0.00	24.73 0.31 0.00	23.92 0.31 0.00	24.36 0.33 0.00	26.34 0.36 0.00	31.00 0.45 0.00	34.32 0.51 0.00	31.57 0.50 0.00	34.93 0.59 0.00	39.03 0.65 0.00	49.25 0.60 0.00	68.95 0.37 0.00	65.98 0.21 0.00	47.90 0.56 0.00	40.38 0.60 0.00	29.03 0.48 0.00	24.75 0.40 0.00
GINNA____ 23603	26.02 -1.29 0.00	24.66 -1.17 0.00	23.70 -1.23 0.00	23.85 -1.24 0.00	25.41 -1.28 0.00	24.14 -1.13 0.00	23.23 -1.07 0.00	26.37 -1.24 0.00	23.14 -1.28 0.00	22.43 -1.18 0.00	22.78 -1.24 0.00	24.79 -1.18 0.00	29.27 -1.28 0.00	32.31 -1.49 0.00	29.70 -1.36 0.00	32.42 -1.92 0.00	36.36 -2.02 0.00	46.37 -2.28 0.00	65.84 -2.75 0.00	63.09 -2.69 0.00	45.25 -2.08 0.00	37.95 -1.82 0.00	27.29 -1.26 0.00	23.24 -1.11 0.00
GLEN PARK____ 23778	27.74 0.42 0.00	26.12 0.30 0.00	25.37 0.43 0.00	25.85 0.75 0.00	27.92 1.22 0.00	26.50 1.23 0.00	25.47 1.17 0.00	28.96 1.35 0.00	25.35 0.93 0.00	24.43 0.82 0.00	24.77 0.74 0.00	26.36 0.39 0.00	30.59 0.04 0.00	33.85 0.04 0.00	31.27 0.20 0.00	34.38 0.04 0.00	38.49 0.11 0.00	49.66 1.01 0.00	71.96 3.37 0.00	70.16 4.36 -0.03	50.35 3.01 0.00	42.23 2.46 0.00	30.14 1.59 0.00	25.60 1.25 0.00
GLENDALE_27_KV_LOAD 356172	28.97 1.65 0.00	27.18 1.36 0.00	26.20 1.27 0.00	26.20 1.10 0.00	27.85 1.15 0.00	26.39 1.12 0.00	25.38 1.09 0.00	28.82 1.21 0.00	25.67 1.25 0.00	24.91 1.30 0.00	25.49 1.46 0.00	27.62 1.64 0.00	52.44 1.98 -19.91	55.18 2.28 -19.09	56.46 2.23 -23.16	42.25 2.46 -5.45	41.15 2.77 0.00	51.86 3.20 0.00	72.65 4.06 0.00	69.51 3.74 0.00	50.04 2.71 0.00	42.27 2.50 0.00	30.68 1.81 -0.32	34.68 1.50 -8.83
GLENWOOD_IC_1_G5 23712	28.90 1.58 0.00	27.12 1.30 0.00	26.13 1.19 0.00	26.13 1.04 0.00	27.75 1.05 0.00	26.29 1.02 0.00	25.26 0.97 0.00	28.68 1.07 0.00	25.54 1.13 0.00	24.81 1.20 0.00	25.43 1.40 0.00	27.57 1.59 0.00	52.72 1.94 -20.23	64.20 2.20 -28.19	66.53 2.14 -33.32	48.21 2.37 -11.51	47.54 2.61 -6.56	51.32 2.67 0.00	71.86 3.28 0.00	68.86 3.09 0.00	49.89 2.55 0.00	42.16 2.38 0.00	30.59 1.73 -0.32	34.58 1.40 -8.83
GLENWOOD_IC_2_G1 23688	28.76 1.45 0.00	27.00 1.18 0.00	26.03 1.09 0.00	26.04 0.95 0.00	27.66 0.96 0.00	26.20 0.93 0.00	25.19 0.90 0.00	28.59 0.98 0.00	25.45 1.03 0.00	24.70 1.09 0.00	25.30 1.28 0.00	27.42 1.44 0.00	52.24 1.75 -19.93	55.29 1.99 -19.49	56.63 1.95 -23.60	42.22 2.16 -5.72	41.06 2.40 -0.28	51.36 2.70 0.00	71.96 3.38 0.00	68.91 3.13 0.00	49.66 2.32 0.00	41.94 2.17 0.00	30.45 1.58 -0.32	34.48 1.30 -8.83
GLENWOOD_IC_3_G1 23689	28.76 1.45 0.00	27.00 1.18 0.00	26.03 1.09 0.00	26.04 0.95 0.00	27.66 0.96 0.00	26.20 0.93 0.00	25.19 0.90 0.00	28.59 0.98 0.00	25.45 1.03 0.00	24.70 1.09 0.00	25.30 1.28 0.00	27.42 1.44 0.00	52.24 1.75 -19.93	55.29 1.99 -19.49	56.63 1.95 -23.60	42.22 2.16 -5.72	41.06 2.40 -0.28	51.36 2.70 0.00	71.96 3.38 0.00	68.91 3.13 0.00	49.66 2.32 0.00	41.94 2.17 0.00	30.45 1.58 -0.32	34.48 1.30 -8.83
GLENWOOD____4 23550	28.90 1.58 0.00	27.12 1.30 0.00	26.13 1.19 0.00	26.13 1.04 0.00	27.75 1.05 0.00	26.29 1.02 0.00	25.26 0.97 0.00	28.68 1.07 0.00	25.54 1.13 0.00	24.81 1.20 0.00	25.43 1.40 0.00	27.57 1.59 0.00	52.72 1.94 -20.23	64.20 2.20 -28.19	66.53 2.14 -33.32	48.21 2.37 -11.51	47.55 2.61 -6.56	51.46 2.80 0.00	72.02 3.44 0.00	69.01 3.24 0.00	49.89 2.55 0.00	42.16 2.38 0.00	30.59 1.73 -0.32	34.58 1.40 -8.83
GLENWOOD____5 23614	28.90 1.58 0.00	27.12 1.30 0.00	26.13 1.19 0.00	26.13 1.04 0.00	27.75 1.05 0.00	26.29 1.02 0.00	25.26 0.97 0.00	28.68 1.07 0.00	25.54 1.13 0.00	24.81 1.20 0.00	25.43 1.40 0.00	27.57 1.59 0.00	52.72 1.94 -20.23	64.20 2.20 -28.19	66.53 2.14 -33.32	48.21 2.37 -11.51	47.55 2.61 -6.56	51.46 2.80 0.00	72.02 3.44 0.00	69.01 3.24 0.00	49.89 2.55 0.00	42.16 2.38 0.00	30.59 1.73 -0.32	34.58 1.40 -8.83
GLOBAL GREEN_PORT_GT1 23814	29.58 2.26 0.00	27.70 1.88 0.00	26.69 1.76 0.00	26.65 1.56 0.00	28.20 1.50 0.00	26.78 1.51 0.00	25.75 1.46 0.00	29.09 1.49 0.00	26.08 1.66 0.00	25.42 1.81 0.00	26.14 2.12 0.00	28.34 2.36 0.00	53.56 2.91 -20.10	61.32 3.16 -24.35	63.22 3.12 -29.03	46.86 3.57 -8.95	46.21 4.04 -3.79	53.45 4.80 0.00	74.74 6.16 0.00	71.50 5.72 0.00	51.45 4.11 0.00	43.56 3.79 0.00	31.50 2.64 -0.32	35.23 2.05 -8.83
GLOBE____DSASP 323697	26.62 -0.69 0.00	25.33 -0.49 0.00	24.26 -0.68 0.00	24.43 -0.66 0.00	26.08 -0.61 0.00	24.85 -0.42 0.00	23.91 -0.39 0.00	27.12 -0.49 0.00	23.68 -0.74 0.00	23.12 -0.49 0.00	23.46 -0.57 0.00	25.58 -0.39 0.00	30.22 -0.33 0.00	33.18 -0.62 0.00	30.45 -0.62 0.00	32.92 -1.42 0.00	36.36 -2.02 0.00	46.18 -2.47 0.00	65.78 -2.80 0.00	63.06 -2.72 0.00	45.18 -2.15 0.00	38.10 -1.67 0.00	27.61 -0.94 0.00	23.78 -0.57 0.00
GOETHSLN____LBMP 323567	28.70 1.38 0.00	26.93 1.11 0.00	25.95 1.02 0.00	25.97 0.87 0.00	27.59 0.90 0.00	26.15 0.88 0.00	25.14 0.84 0.00	28.57 0.96 0.00	25.41 1.00 0.00	24.66 1.05 0.00	25.25 1.22 0.00	27.36 1.38 0.00	52.11 1.65 -19.91	54.82 1.92 -19.09	56.12 1.89 -23.16	41.89 2.10 -5.45	40.74 2.36 0.00	51.34 2.69 0.00	71.99 3.41 0.00	68.92 3.14 0.00	49.57 2.24 0.00	41.86 2.09 0.00	30.40 1.53 -0.32	34.46 1.28 -8.83
GOLAH____69_KV_TB 1_2 80279	27.39 0.07 0.00	25.98 0.16 0.00	24.97 0.04 0.00	25.10 0.01 0.00	26.77 0.07 0.00	25.42 0.15 0.00	24.47 0.18 0.00	27.81 0.20 0.00	24.32 -0.10 0.00	23.53 -0.09 0.00	23.87 -0.15 0.00	25.98 0.00 0.00	30.70 0.15 0.00	33.93 0.12 0.00	31.15 0.08 0.00	34.08 -0.25 0.00	37.94 -0.43 0.00	48.41 -0.24 0.00	69.06 0.48 0.00	66.33 0.55 0.00	47.55 0.21 0.00	39.91 0.14 0.00	28.72 0.17 0.00	24.48 0.13 0.00
GOODYEAR_LAKE_HYD 323669	28.02 0.71 0.00	26.46 0.64 0.00	25.58 0.64 0.00	25.77 0.67 0.00	27.42 0.73 0.00	25.86 0.59 0.00	24.87 0.58 0.00	28.26 0.65 0.00	24.92 0.50 0.00	24.11 0.50 0.00	24.51 0.48 0.00	26.51 0.54 0.00	31.25 0.70 0.00	34.58 0.77 0.00	31.81 0.74 0.00	35.13 0.80 0.00	39.30 0.92 0.00	50.00 1.35 0.00	70.64 2.06 0.00	67.76 1.99 -0.01	48.77 1.43 0.00	40.97 1.20 0.00	29.37 0.82 0.00	24.99 0.64 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.37 0.05 0.00	25.95 0.13 0.00	24.97 0.03 0.00	25.23 0.14 0.00	26.83 0.14 0.00	25.33 0.05 0.00	24.35 0.05 0.00	27.70 0.10 0.00	24.30 -0.12 0.00	23.52 -0.09 0.00	23.92 -0.10 0.00	25.94 -0.04 0.00	30.53 -0.02 0.00	33.77 -0.03 0.00	31.14 0.07 0.00	34.31 -0.03 0.00	38.31 -0.07 0.00	48.70 0.05 0.00	68.89 0.32 0.00	66.12 0.33 -0.01	47.47 0.13 0.00	40.01 0.23 0.00	28.76 0.21 0.00	24.39 0.04 0.00

GOUDEY___7 23579	27.37 0.05 0.00	25.95 0.13 0.00	24.97 0.03 0.00	25.23 0.14 0.00	26.83 0.14 0.00	25.33 0.05 0.00	24.35 0.05 0.00	27.70 0.10 0.00	24.30 -0.12 0.00	23.52 -0.09 0.00	23.92 -0.10 0.00	25.94 -0.04 0.00	30.53 -0.02 0.00	33.77 -0.03 0.00	31.14 0.07 0.00	34.31 -0.03 0.00	38.31 -0.07 0.00	48.70 0.05 0.00	68.89 0.32 0.00	66.12 0.33 -0.01	47.47 0.13 0.00	40.01 0.23 0.00	28.76 0.21 0.00	24.39 0.04 0.00
GOUDEY___8 23580	27.37 0.05 0.00	25.95 0.13 0.00	24.97 0.03 0.00	25.23 0.14 0.00	26.83 0.14 0.00	25.33 0.05 0.00	24.35 0.05 0.00	27.70 0.10 0.00	24.30 -0.12 0.00	23.52 -0.09 0.00	23.92 -0.10 0.00	25.94 -0.04 0.00	30.53 -0.02 0.00	33.77 -0.03 0.00	31.14 0.07 0.00	34.31 -0.03 0.00	38.31 -0.07 0.00	48.70 0.05 0.00	68.89 0.32 0.00	66.12 0.33 -0.01	47.47 0.13 0.00	40.01 0.23 0.00	28.76 0.21 0.00	24.39 0.04 0.00
GOWANUS_GT1_1 24077	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 -0.32	34.62 1.44 -8.83
GOWANUS_GT1_2 24078	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 -0.32	34.62 1.44 -8.83
GOWANUS_GT1_3 24079	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 -0.32	34.62 1.44 -8.83
GOWANUS_GT1_4 24080	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 -0.32	34.62 1.44 -8.83
GOWANUS_GT1_5 24084	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 -0.32	34.62 1.44 -8.83
GOWANUS_GT1_6 24111	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 -0.32	34.62 1.44 -8.83
GOWANUS_GT1_7 24112	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 -0.32	34.62 1.44 -8.83
GOWANUS_GT1_8 24113	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 -0.32	34.62 1.44 -8.83
GOWANUS_GT2_1 24114	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
GOWANUS_GT2_2 24115	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
GOWANUS_GT2_3 24116	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
GOWANUS_GT2_4 24117	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
GOWANUS_GT2_5 24118	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83

GOWANUS_GT2_6 24119	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
GOWANUS_GT2_7 24120	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
GOWANUS_GT2_8 24121	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
GOWANUS_GT3_1 24122	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
GOWANUS_GT3_2 24123	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
GOWANUS_GT3_3 24124	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
GOWANUS_GT3_4 24125	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
GOWANUS_GT3_5 24126	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
GOWANUS_GT3_6 24127	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
GOWANUS_GT3_7 24128	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
GOWANUS_GT3_8 24129	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
GOWANUS_GT4_1 24130	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 -0.32	34.62 1.44 -8.83
GOWANUS_GT4_2 24131	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 -0.32	34.62 1.44 -8.83
GOWANUS_GT4_3 24132	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 -0.32	34.62 1.44 -8.83
GOWANUS_GT4_4 24133	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 -0.32	34.62 1.44 -8.83

GOWANUS_GT4_5 24134	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 0.00	34.62 1.44 -8.83
GOWANUS_GT4_6 24135	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 0.00	34.62 1.44 -8.83
GOWANUS_GT4_7 24136	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 0.00	34.62 1.44 -8.83
GOWANUS_GT4_8 24137	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 0.00	34.62 1.44 -8.83
GREATVR_69_KV_BK1 356245	29.29 1.98 0.00	27.45 1.63 0.00	26.43 1.49 0.00	26.38 1.29 0.00	27.95 1.25 0.00	26.50 1.23 0.00	25.49 1.19 0.00	28.85 1.24 0.00	25.80 1.38 0.00	25.08 1.47 0.00	25.75 1.73 0.00	27.97 1.99 0.00	53.14 2.49 -20.10	61.07 2.77 -24.50	62.98 2.71 -29.19	46.39 3.00 -9.05	45.60 3.33 -3.89	52.43 3.78 0.00	73.24 4.66 0.00	70.16 4.39 0.00	50.61 3.28 0.00	42.88 3.11 0.00	31.11 2.24 0.00	34.95 1.77 -8.83
GREENBSH_115KV_TB3 55895	27.67 0.36 0.00	26.15 0.33 0.00	25.29 0.35 0.00	25.41 0.32 0.00	26.98 0.29 0.00	25.53 0.27 0.00	24.56 0.26 0.00	27.87 0.26 0.00	24.67 0.25 0.00	23.83 0.22 0.00	24.25 0.23 0.00	26.21 0.24 0.00	15.87 0.30 14.98	19.75 0.30 14.36	13.95 0.30 17.42	30.70 0.46 4.10	38.90 0.52 0.00	49.12 0.47 0.00	69.03 0.45 0.00	66.19 0.42 0.00	47.85 0.51 0.00	40.19 0.42 0.00	28.61 0.29 0.24	18.00 0.28 6.64
GREENDGE_115KV_TB5 80291	27.44 0.12 0.00	26.02 0.20 0.00	24.98 0.04 0.00	25.22 0.13 0.00	26.83 0.14 0.00	25.41 0.14 0.00	24.47 0.18 0.00	27.84 0.23 0.00	24.26 -0.16 0.00	23.35 -0.26 0.00	23.66 -0.37 0.00	25.66 -0.31 0.00	30.29 -0.26 0.00	33.50 -0.31 0.00	30.89 -0.18 0.00	33.94 -0.40 0.00	37.77 -0.61 0.00	48.15 -0.50 0.00	68.76 0.18 0.00	66.24 0.45 -0.01	47.50 0.16 0.00	39.99 0.22 0.00	28.89 0.34 0.00	24.48 0.13 0.00
GREENIDGE___3 23582	27.44 0.12 0.00	26.02 0.20 0.00	24.98 0.04 0.00	25.22 0.13 0.00	26.83 0.14 0.00	25.41 0.14 0.00	24.47 0.18 0.00	27.84 0.23 0.00	24.26 -0.16 0.00	23.35 -0.26 0.00	23.66 -0.37 0.00	25.66 -0.31 0.00	30.29 -0.26 0.00	33.50 -0.31 0.00	30.89 -0.18 0.00	33.94 -0.40 0.00	37.77 -0.61 0.00	48.15 -0.50 0.00	68.76 0.18 0.00	66.24 0.45 -0.01	47.50 0.16 0.00	39.99 0.22 0.00	28.89 0.34 0.00	24.48 0.13 0.00
GREENIDGE___4 23583	27.44 0.12 0.00	26.02 0.20 0.00	24.98 0.04 0.00	25.22 0.13 0.00	26.83 0.14 0.00	25.41 0.14 0.00	24.47 0.18 0.00	27.84 0.23 0.00	24.25 -0.16 0.00	23.36 -0.26 0.00	23.66 -0.37 0.00	25.66 -0.31 0.00	30.28 -0.26 0.00	33.50 -0.31 0.00	30.89 -0.18 0.00	33.93 -0.41 0.00	37.78 -0.60 0.00	48.15 -0.50 0.00	68.76 0.18 0.00	66.24 0.45 -0.01	47.49 0.16 0.00	40.00 0.22 0.00	28.89 0.34 0.00	24.48 0.12 0.00
GREENLWN_69_KV_BK 3 55738	28.70 1.39 0.00	26.92 1.10 0.00	25.93 0.99 0.00	25.91 0.82 0.00	27.45 0.76 0.00	26.02 0.75 0.00	25.02 0.72 0.00	28.32 0.71 0.00	25.30 0.88 0.00	24.60 0.99 0.00	25.25 1.23 0.00	27.39 1.41 0.00	52.41 1.76 -20.10	60.26 1.98 -24.47	62.18 1.95 -29.17	45.36 1.99 -9.03	44.27 2.02 -3.87	50.73 2.08 0.00	70.93 2.35 0.00	67.91 2.14 0.00	48.96 1.63 0.00	41.64 1.87 0.00	30.38 1.51 0.00	34.40 1.21 -8.83
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 0.00	34.62 1.44 -8.83
GRISSOM___SOLAR 323813	28.48 1.17 0.00	26.88 1.06 0.00	25.95 1.01 0.00	26.08 0.99 0.00	27.78 1.08 0.00	26.29 1.02 0.00	25.27 0.97 0.00	28.68 1.07 0.00	24.77 0.35 0.00	23.64 0.03 0.00	23.80 -0.23 0.00	25.70 -0.27 0.00	18.72 0.10 11.92	22.41 0.04 11.43	17.26 0.06 13.87	31.68 0.61 3.27	39.35 0.98 0.00	49.77 1.12 0.00	71.39 2.81 0.00	69.16 3.39 0.00	49.81 2.47 0.00	41.74 1.97 0.00	29.70 1.33 0.19	20.14 1.07 5.29
GROVEVILLE___HYD 323602	28.77 1.45 0.00	27.04 1.22 0.00	26.07 1.13 0.00	26.11 1.02 0.00	27.74 1.05 0.00	26.28 1.01 0.00	25.26 0.97 0.00	28.70 1.09 0.00	25.47 1.05 0.00	24.67 1.06 0.00	25.22 1.20 0.00	27.32 1.34 0.00	47.69 1.62 -15.52	50.60 1.91 -14.88	51.00 1.88 -18.05	40.75 2.16 -4.25	40.85 2.48 0.00	51.64 2.98 0.00	72.52 3.94 0.00	69.41 3.64 0.00	49.95 2.62 0.00	42.02 2.25 0.00	30.37 1.58 -0.25	32.52 1.28 -6.88
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.22 -0.09 0.00	25.78 -0.04 0.00	24.87 -0.07 0.00	25.05 -0.05 0.00	26.65 -0.04 0.00	25.22 -0.05 0.00	24.26 -0.03 0.00	27.55 -0.06 0.00	24.24 -0.18 0.00	23.40 -0.20 0.00	23.82 -0.21 0.00	25.74 -0.23 0.00	30.25 -0.30 0.00	33.51 -0.29 0.00	30.85 -0.22 0.00	34.04 -0.30 0.00	38.06 -0.32 0.00	48.35 -0.31 0.00	68.37 -0.21 0.00	65.61 -0.20 -0.04	47.21 -0.13 0.00	39.65 -0.12 0.00	28.47 -0.08 0.00	24.25 -0.10 0.00
HAMLTNNY_34_KV_TB 80303	27.31 0.00 0.00	25.88 0.05 0.00	24.93 0.00 0.00	25.11 0.02 0.00	26.72 0.03 0.00	25.30 0.03 0.00	24.35 0.06 0.00	27.66 0.05 0.00	24.31 -0.11 0.00	23.46 -0.15 0.00	23.88 -0.14 0.00	25.85 -0.13 0.00	30.45 -0.10 0.00	33.70 -0.11 0.00	31.01 -0.06 0.00	34.13 -0.21 0.00	38.16 -0.22 0.00	48.51 -0.15 0.00	68.69 0.11 0.00	65.93 0.12 -0.03	47.41 0.08 0.00	39.82 0.05 0.00	28.57 0.02 0.00	24.35 0.00 0.00

HAMPSHIRE___PAPER_HYD 323593	27.45 0.13 0.00	25.88 0.06 0.00	25.08 0.14 0.00	25.38 0.28 0.00	27.26 0.57 0.00	25.90 0.63 0.00	24.89 0.59 0.00	28.30 0.69 0.00	24.91 0.49 0.00	24.00 0.39 0.00	24.39 0.37 0.00	26.26 0.29 0.00	30.74 0.19 0.00	34.02 0.21 0.00	31.26 0.20 0.00	34.47 0.13 0.00	38.52 0.14 0.00	49.29 0.64 0.00	70.47 1.89 0.00	68.27 2.49 -0.01	48.98 1.65 0.00	41.04 1.27 0.00	29.34 0.78 0.00	24.99 0.63 0.00
HARDSCRABBLE_WT_PWR 323673	28.02 0.70 0.00	26.46 0.64 0.00	25.55 0.61 0.00	25.71 0.62 0.00	27.30 0.61 0.00	25.75 0.49 0.00	24.79 0.50 0.00	28.14 0.53 0.00	24.71 0.29 0.00	23.67 0.06 0.00	23.88 -0.14 0.00	25.80 -0.17 0.00	30.51 -0.04 0.00	33.73 -0.07 0.00	31.11 0.04 0.00	34.80 0.45 0.00	39.13 0.76 0.00	49.61 0.96 0.00	70.24 1.65 0.00	67.56 1.79 0.00	48.76 1.43 0.00	40.87 1.10 0.00	29.28 0.73 0.00	24.91 0.56 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.60 1.28 0.00	26.85 1.03 0.00	25.89 0.96 0.00	25.95 0.85 0.00	27.55 0.86 0.00	26.11 0.85 0.00	25.10 0.81 0.00	28.52 0.91 0.00	25.31 0.89 0.00	24.53 0.92 0.00	25.09 1.06 0.00	27.21 1.23 0.00	49.45 1.52 -17.38	52.27 1.80 -16.67	53.06 1.77 -20.22	41.11 2.00 -4.76	40.66 2.29 0.00	51.38 2.73 0.00	72.12 3.54 0.00	69.04 3.27 0.00	49.62 2.28 0.00	41.78 2.01 0.00	30.26 1.44 -0.28	33.22 1.17 -7.70
HARSNRAD_115KV_TB1 81005	26.85 -0.46 0.00	25.56 -0.26 0.00	24.47 -0.47 0.00	24.65 -0.45 0.00	26.29 -0.40 0.00	25.06 -0.21 0.00	24.13 -0.16 0.00	27.31 -0.30 0.00	23.83 -0.59 0.00	23.22 -0.39 0.00	23.54 -0.48 0.00	25.65 -0.33 0.00	30.31 -0.23 0.00	33.33 -0.48 0.00	30.61 -0.46 0.00	33.35 -0.99 0.00	36.82 -1.55 0.00	46.82 -1.83 0.00	66.85 -1.73 0.00	64.17 -1.60 0.00	45.97 -1.37 0.00	38.74 -1.03 0.00	28.04 -0.51 0.00	23.99 -0.36 0.00
HARZA MOOSE___RIVER 24016	27.60 0.28 0.00	26.01 0.19 0.00	25.22 0.28 0.00	25.54 0.44 0.00	27.44 0.75 0.00	26.03 0.76 0.00	25.02 0.72 0.00	28.42 0.82 0.00	25.03 0.61 0.00	24.13 0.52 0.00	24.49 0.46 0.00	26.35 0.37 0.00	30.84 0.29 0.00	34.23 0.42 0.00	31.43 0.36 0.00	34.77 0.43 0.00	38.87 0.49 0.00	49.76 1.11 0.00	70.88 2.30 0.00	68.48 2.70 -0.01	49.20 1.87 0.00	41.32 1.55 0.00	29.56 1.01 0.00	25.15 0.80 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	27.05 -0.27 0.00	25.62 -0.20 0.00	24.71 -0.23 0.00	24.89 -0.20 0.00	26.47 -0.22 0.00	25.06 -0.21 0.00	24.10 -0.19 0.00	27.38 -0.23 0.00	24.12 -0.30 0.00	23.32 -0.30 0.00	23.71 -0.32 0.00	25.62 -0.35 0.00	30.09 -0.46 0.00	33.35 -0.47 0.00	30.68 -0.39 0.00	33.82 -0.52 0.00	37.78 -0.59 0.00	47.99 -0.66 0.00	67.77 -0.81 0.00	65.04 -0.75 -0.02	46.80 -0.53 0.00	39.33 -0.44 0.00	28.27 -0.28 0.00	24.10 -0.25 0.00
HELLGATE_13_KV_LD 55870	29.02 1.71 0.00	27.25 1.43 0.00	26.27 1.33 0.00	26.26 1.17 0.00	27.92 1.22 0.00	26.45 1.19 0.00	25.44 1.15 0.00	28.88 1.28 0.00	25.73 1.31 0.00	24.96 1.35 0.00	25.54 1.52 0.00	27.69 1.71 0.00	52.52 2.06 -19.91	55.28 2.38 -19.09	56.53 2.30 -23.16	42.34 2.54 -5.45	41.23 2.86 0.00	51.97 3.32 0.00	72.81 4.23 0.00	69.66 3.89 0.00	50.15 2.82 0.00	42.37 2.60 0.00	30.74 1.87 -0.32	34.74 1.56 -8.83
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.02 1.71 0.00	27.25 1.43 0.00	26.27 1.33 0.00	26.26 1.17 0.00	27.92 1.22 0.00	26.45 1.19 0.00	25.44 1.15 0.00	28.88 1.28 0.00	25.73 1.31 0.00	24.96 1.35 0.00	25.54 1.52 0.00	27.69 1.71 0.00	52.52 2.06 -19.91	55.28 2.38 -19.09	56.53 2.30 -23.16	42.34 2.54 -5.45	41.23 2.86 0.00	51.97 3.32 0.00	72.81 4.23 0.00	69.66 3.89 0.00	50.15 2.82 0.00	42.37 2.60 0.00	30.74 1.87 -0.32	34.74 1.56 -8.83
HEMPSTEAD___ 23647	28.80 1.48 0.00	27.01 1.20 0.00	26.02 1.08 0.00	26.01 0.92 0.00	27.61 0.92 0.00	26.16 0.89 0.00	25.14 0.85 0.00	28.51 0.90 0.00	25.42 1.01 0.00	24.71 1.09 0.00	25.34 1.32 0.00	27.47 1.49 0.00	52.58 1.85 -20.19	62.79 2.04 -26.94	64.97 1.98 -31.92	47.19 2.17 -10.67	46.41 2.38 -5.66	51.24 2.59 0.00	71.69 3.10 0.00	68.65 2.88 0.00	49.56 2.22 0.00	41.95 2.18 0.00	30.45 1.58 -0.32	34.46 1.28 -8.83
HICKLING___1 23621	27.47 0.15 0.00	26.11 0.29 0.00	25.00 0.07 0.00	25.32 0.23 0.00	26.94 0.25 0.00	25.45 0.18 0.00	24.48 0.19 0.00	27.88 0.27 0.00	24.21 -0.21 0.00	23.42 -0.19 0.00	23.78 -0.25 0.00	25.85 -0.12 0.00	30.52 -0.03 0.00	33.73 -0.08 0.00	31.18 0.11 0.00	34.19 -0.15 0.00	38.18 -0.20 0.00	48.67 0.02 0.00	69.34 0.76 0.00	66.74 0.95 -0.01	47.73 0.39 0.00	40.29 0.52 0.00	29.01 0.46 0.00	24.50 0.15 0.00
HICKLING___2 23622	27.47 0.15 0.00	26.11 0.29 0.00	25.00 0.07 0.00	25.32 0.23 0.00	26.94 0.25 0.00	25.45 0.18 0.00	24.48 0.19 0.00	27.88 0.27 0.00	24.21 -0.21 0.00	23.42 -0.19 0.00	23.78 -0.25 0.00	25.85 -0.12 0.00	30.52 -0.03 0.00	33.73 -0.08 0.00	31.18 0.11 0.00	34.19 -0.15 0.00	38.18 -0.20 0.00	48.67 0.02 0.00	69.34 0.76 0.00	66.74 0.95 -0.01	47.73 0.39 0.00	40.29 0.52 0.00	29.01 0.46 0.00	24.50 0.15 0.00
HIGH FALLS___HY 23754	28.79 1.47 0.00	27.03 1.21 0.00	26.06 1.12 0.00	26.11 1.01 0.00	27.74 1.05 0.00	26.26 1.00 0.00	25.25 0.95 0.00	28.68 1.07 0.00	25.46 1.04 0.00	24.62 1.01 0.00	25.13 1.10 0.00	27.17 1.19 0.00	41.72 1.41 -9.76	44.91 1.74 -9.36	44.13 1.72 -11.35	38.91 1.90 -2.67	40.51 2.13 0.00	51.42 2.76 0.00	72.25 3.67 0.00	69.22 3.45 0.00	50.09 2.76 0.00	42.13 2.36 0.00	30.32 1.62 -0.15	29.97 1.29 -4.33
HIGH_RIVER___SOLAR 323847	28.20 0.88 0.00	26.61 0.79 0.00	25.71 0.77 0.00	25.85 0.75 0.00	27.49 0.80 0.00	26.01 0.74 0.00	25.02 0.73 0.00	28.39 0.78 0.00	24.83 0.41 0.00	23.74 0.13 0.00	23.97 -0.05 0.00	25.90 -0.08 0.00	17.91 0.15 12.79	21.70 0.16 12.27	16.22 0.03 14.88	31.49 0.66 3.51	39.22 0.84 0.00	49.88 1.23 0.00	70.60 2.01 0.00	68.02 2.25 0.00	49.05 1.71 0.00	41.17 1.40 0.00	29.31 0.97 0.20	19.48 0.80 5.67
HILLBURN___GT 23639	28.54 1.23 0.00	26.80 0.98 0.00	25.84 0.91 0.00	25.89 0.79 0.00	27.50 0.80 0.00	26.07 0.80 0.00	25.05 0.75 0.00	28.48 0.87 0.00	25.27 0.85 0.00	24.50 0.89 0.00	25.08 1.05 0.00	27.18 1.21 0.00	49.97 1.48 -17.95	52.74 1.73 -17.21	53.66 1.72 -20.87	41.17 1.91 -4.92	40.51 2.14 0.00	51.16 2.51 0.00	71.78 3.20 0.00	68.70 2.93 0.00	49.40 2.06 0.00	41.65 1.88 0.00	30.19 1.36 -0.28	33.44 1.14 -7.95
HILLSIDE_115KV_TB1 80332	26.94 -0.38 0.00	25.63 -0.19 0.00	24.56 -0.38 0.00	24.91 -0.18 0.00	26.48 -0.21 0.00	24.96 -0.30 0.00	24.00 -0.29 0.00	27.36 -0.25 0.00	23.83 -0.58 0.00	23.11 -0.50 0.00	23.49 -0.53 0.00	25.54 -0.44 0.00	30.08 -0.47 0.00	33.24 -0.57 0.00	30.71 -0.36 0.00	33.73 -0.61 0.00	37.60 -0.78 0.00	47.90 -0.76 0.00	68.01 -0.58 -0.01	65.33 -0.45 0.00	46.74 -0.59 0.00	39.53 -0.24 0.00	28.45 -0.10 0.00	24.02 -0.34 0.00

HISHELDN_WT_PWR 323625	27.05 -0.27 0.00	25.72 -0.10 0.00	24.61 -0.33 0.00	24.84 -0.25 0.00	26.47 -0.23 0.00	25.17 -0.10 0.00	24.23 -0.07 0.00	27.51 -0.10 0.00	23.89 -0.53 0.00	23.21 -0.41 0.00	23.52 -0.50 0.00	25.63 -0.34 0.00	30.29 -0.26 0.00	33.38 -0.43 0.00	30.72 -0.35 0.00	33.41 -0.93 0.00	37.21 -1.17 0.00	47.24 -1.41 0.00	67.58 -1.00 0.00	65.01 -0.77 0.00	46.54 -0.80 0.00	39.23 -0.54 0.00	28.34 -0.21 0.00	24.14 -0.22 0.00
HOLTSVILLE_IC_1 23690	28.86 1.55 0.00	27.05 1.23 0.00	26.07 1.13 0.00	26.03 0.94 0.00	27.56 0.87 0.00	26.15 0.88 0.00	25.15 0.85 0.00	28.45 0.84 0.00	25.45 1.03 0.00	24.74 1.13 0.00	25.38 1.35 0.00	27.52 1.54 0.00	52.62 1.98 -20.10	60.28 2.13 -24.34	62.21 2.12 -29.02	45.59 2.30 -8.94	44.66 2.50 -3.78	51.37 2.72 0.00	71.78 3.20 0.00	68.75 2.98 0.00	49.62 2.28 0.00	42.09 2.32 0.00	30.56 1.69 -0.32	34.50 1.32 -8.83
HOLTSVILLE_IC_10 23699	28.96 1.65 0.00	27.13 1.31 0.00	26.14 1.21 0.00	26.10 1.01 0.00	27.64 0.94 0.00	26.23 0.96 0.00	25.22 0.93 0.00	28.53 0.93 0.00	25.53 1.11 0.00	24.81 1.20 0.00	25.47 1.45 0.00	27.63 1.66 0.00	52.77 2.12 -20.10	60.51 2.32 -24.38	62.45 2.32 -29.06	45.84 2.54 -8.97	44.96 2.77 -3.81	51.74 3.09 0.00	72.32 3.74 0.00	69.25 3.48 0.00	49.96 2.62 0.00	42.36 2.59 0.00	30.73 1.86 -0.32	34.64 1.46 -8.83
HOLTSVILLE_IC_2 23691	28.86 1.55 0.00	27.05 1.23 0.00	26.07 1.13 0.00	26.03 0.94 0.00	27.56 0.87 0.00	26.15 0.88 0.00	25.15 0.85 0.00	28.45 0.84 0.00	25.45 1.03 0.00	24.74 1.13 0.00	25.38 1.35 0.00	27.52 1.54 0.00	52.62 1.98 -20.10	60.28 2.13 -24.34	62.21 2.12 -29.02	45.59 2.30 -8.94	44.66 2.50 -3.78	51.37 2.72 0.00	71.78 3.20 0.00	68.75 2.98 0.00	49.62 2.28 0.00	42.09 2.32 0.00	30.56 1.69 -0.32	34.50 1.32 -8.83
HOLTSVILLE_IC_3 23692	28.86 1.55 0.00	27.05 1.23 0.00	26.07 1.13 0.00	26.03 0.94 0.00	27.56 0.87 0.00	26.15 0.88 0.00	25.15 0.85 0.00	28.45 0.84 0.00	25.45 1.03 0.00	24.74 1.13 0.00	25.38 1.35 0.00	27.52 1.54 0.00	52.62 1.98 -20.10	60.28 2.13 -24.34	62.21 2.12 -29.02	45.59 2.30 -8.94	44.66 2.50 -3.78	51.37 2.72 0.00	71.78 3.20 0.00	68.75 2.98 0.00	49.62 2.28 0.00	42.09 2.32 0.00	30.56 1.69 -0.32	34.50 1.32 -8.83
HOLTSVILLE_IC_4 23693	28.86 1.55 0.00	27.05 1.23 0.00	26.07 1.13 0.00	26.03 0.94 0.00	27.56 0.87 0.00	26.15 0.88 0.00	25.15 0.85 0.00	28.45 0.84 0.00	25.45 1.03 0.00	24.74 1.13 0.00	25.38 1.35 0.00	27.52 1.54 0.00	52.62 1.98 -20.10	60.28 2.13 -24.34	62.21 2.12 -29.02	45.59 2.30 -8.94	44.66 2.50 -3.78	51.37 2.72 0.00	71.78 3.20 0.00	68.75 2.98 0.00	49.62 2.28 0.00	42.09 2.32 0.00	30.56 1.69 -0.32	34.50 1.32 -8.83
HOLTSVILLE_IC_5 23694	28.86 1.55 0.00	27.05 1.23 0.00	26.07 1.13 0.00	26.03 0.94 0.00	27.56 0.87 0.00	26.15 0.88 0.00	25.15 0.85 0.00	28.45 0.84 0.00	25.45 1.03 0.00	24.74 1.13 0.00	25.38 1.35 0.00	27.52 1.54 0.00	52.62 1.98 -20.10	60.28 2.13 -24.34	62.21 2.12 -29.02	45.59 2.30 -8.94	44.66 2.50 -3.78	51.37 2.72 0.00	71.78 3.20 0.00	68.75 2.98 0.00	49.62 2.28 0.00	42.09 2.32 0.00	30.56 1.69 -0.32	34.50 1.32 -8.83
HOLTSVILLE_IC_6 23695	28.96 1.65 0.00	27.13 1.31 0.00	26.14 1.21 0.00	26.10 1.01 0.00	27.64 0.94 0.00	26.23 0.96 0.00	25.22 0.93 0.00	28.53 0.93 0.00	25.53 1.11 0.00	24.81 1.20 0.00	25.47 1.45 0.00	27.63 1.66 0.00	52.77 2.12 -20.10	60.51 2.32 -24.38	62.45 2.32 -29.06	45.84 2.54 -8.97	44.96 2.77 -3.81	51.74 3.09 0.00	72.32 3.74 0.00	69.25 3.48 0.00	49.96 2.62 0.00	42.36 2.59 0.00	30.73 1.86 -0.32	34.64 1.46 -8.83
HOLTSVILLE_IC_7 23696	28.96 1.65 0.00	27.13 1.31 0.00	26.14 1.21 0.00	26.10 1.01 0.00	27.64 0.94 0.00	26.23 0.96 0.00	25.22 0.93 0.00	28.53 0.93 0.00	25.53 1.11 0.00	24.81 1.20 0.00	25.47 1.45 0.00	27.63 1.66 0.00	52.77 2.12 -20.10	60.51 2.32 -24.38	62.45 2.32 -29.06	45.84 2.54 -8.97	44.96 2.77 -3.81	51.74 3.09 0.00	72.32 3.74 0.00	69.25 3.48 0.00	49.96 2.62 0.00	42.36 2.59 0.00	30.73 1.86 -0.32	34.64 1.46 -8.83
HOLTSVILLE_IC_8 23697	28.96 1.65 0.00	27.13 1.31 0.00	26.14 1.21 0.00	26.10 1.01 0.00	27.64 0.94 0.00	26.23 0.96 0.00	25.22 0.93 0.00	28.53 0.93 0.00	25.53 1.11 0.00	24.81 1.20 0.00	25.47 1.45 0.00	27.63 1.66 0.00	52.77 2.12 -20.10	60.51 2.32 -24.38	62.45 2.32 -29.06	45.84 2.54 -8.97	44.96 2.77 -3.81	51.74 3.09 0.00	72.32 3.74 0.00	69.25 3.48 0.00	49.96 2.62 0.00	42.36 2.59 0.00	30.73 1.86 -0.32	34.64 1.46 -8.83
HOLTSVILLE_IC_9 23698	28.96 1.65 0.00	27.13 1.31 0.00	26.14 1.21 0.00	26.10 1.01 0.00	27.64 0.94 0.00	26.23 0.96 0.00	25.22 0.93 0.00	28.53 0.93 0.00	25.53 1.11 0.00	24.81 1.20 0.00	25.47 1.45 0.00	27.63 1.66 0.00	52.77 2.12 -20.10	60.51 2.32 -24.38	62.45 2.32 -29.06	45.84 2.54 -8.97	44.96 2.77 -3.81	51.74 3.09 0.00	72.32 3.74 0.00	69.25 3.48 0.00	49.96 2.62 0.00	42.36 2.59 0.00	30.73 1.86 -0.32	34.64 1.46 -8.83
HOMER_HL_115KV_TB2 355744	26.98 -0.34 0.00	25.69 -0.13 0.00	24.56 -0.37 0.00	24.79 -0.31 0.00	26.44 -0.25 0.00	25.15 -0.11 0.00	24.19 -0.11 0.00	27.58 -0.03 0.00	24.01 -0.42 0.00	23.38 -0.23 0.00	23.73 -0.30 0.00	25.78 -0.19 0.00	30.54 -0.01 0.00	33.67 -0.14 0.00	30.81 -0.25 0.00	33.62 -0.71 0.00	37.34 -1.04 0.00	47.42 -1.23 0.00	67.66 -0.91 0.00	65.00 -0.77 0.00	46.46 -0.88 0.00	39.22 -0.55 0.00	28.41 -0.14 0.00	24.10 -0.25 0.00
HOWARD_WT_PWR 323690	27.52 0.21 0.00	26.08 0.26 0.00	24.91 -0.02 0.00	25.16 0.07 0.00	26.73 0.04 0.00	25.40 0.13 0.00	24.50 0.20 0.00	27.89 0.28 0.00	24.10 -0.32 0.00	23.29 -0.32 0.00	23.55 -0.48 0.00	25.55 -0.43 0.00	30.22 -0.33 0.00	33.37 -0.43 0.00	30.77 -0.30 0.00	33.61 -0.73 0.00	37.65 -0.72 0.00	47.82 -0.83 0.00	68.61 0.03 0.00	66.52 0.73 -0.01	47.62 0.28 0.00	40.11 0.34 0.00	28.89 0.34 0.00	24.42 0.07 0.00
HQ_GEN_CEDARS 23644	27.29 -0.03 0.00	25.79 -0.03 0.00	24.90 -0.03 0.00	25.03 -0.06 0.00	26.68 -0.01 0.00	25.35 0.08 0.00	24.37 0.07 0.00	27.74 0.13 0.00	24.52 0.10 0.00	23.68 0.07 0.00	24.12 0.10 0.00	26.09 0.11 0.00	30.72 0.17 0.00	33.95 0.14 0.00	31.13 0.06 0.00	34.31 -0.03 0.00	38.33 -0.05 0.00	48.72 0.07 0.00	69.04 0.46 0.00	66.45 0.68 0.00	47.65 0.32 0.00	39.88 0.11 0.00	28.56 0.01 0.00	24.40 0.04 0.00
HQ_GEN_CEDARS_PROXY 323590	27.29 -0.03 0.00	25.79 -0.03 0.00	24.90 -0.03 0.00	25.03 -0.06 0.00	26.68 -0.01 0.00	25.35 0.08 0.00	24.06 0.07 0.30	27.74 0.13 0.00	24.52 0.10 0.00	23.68 0.07 0.00	24.12 0.10 0.00	26.09 0.11 0.00	30.71 0.16 0.00	33.95 0.14 0.00	31.13 0.06 0.00	34.31 -0.03 0.00	38.32 -0.05 0.00	48.72 0.07 0.00	69.04 0.46 0.00	67.18 0.68 -0.73	47.65 0.32 0.00	39.88 0.11 0.00	28.56 0.01 0.00	24.40 0.04 0.00

HQ_GEN_IMPORT 323601	27.20 -0.11 0.00	25.72 -0.10 0.00	24.84 -0.09 0.00	24.99 -0.11 0.00	26.59 -0.11 0.00	25.21 -0.06 0.00	24.22 -0.07 0.00	27.56 -0.05 0.00	24.42 0.00 0.00	23.62 0.00 0.00	24.05 0.02 0.00	26.01 0.04 0.00	30.61 0.06 0.00	33.83 0.02 0.00	31.05 -0.02 0.00	50.15 -0.04 -15.85	38.32 -0.06 0.00	48.64 -0.02 0.00	68.64 0.06 0.00	65.87 0.10 0.00	47.27 -0.06 0.00	39.66 -0.11 0.00	28.44 -0.10 0.00	24.28 -0.07 0.00
HQ_GEN_WHEEL 23651	27.20 -0.11 0.00	25.72 -0.10 0.00	24.84 -0.09 0.00	24.99 -0.11 0.00	26.59 -0.11 0.00	25.21 -0.06 0.00	24.22 -0.07 0.00	27.56 -0.05 0.00	24.42 0.00 0.00	23.62 0.00 0.00	24.05 0.02 0.00	26.01 0.04 0.00	30.61 0.06 0.00	33.83 0.02 0.00	31.05 -0.02 0.00	50.15 -0.04 -15.85	38.32 -0.06 0.00	48.64 -0.02 0.00	68.64 0.06 0.00	65.87 0.10 0.00	47.27 -0.06 0.00	39.66 -0.11 0.00	28.44 -0.10 0.00	24.28 -0.07 0.00
HUDSON AVE_GT_3 23810	28.86 1.55 0.00	27.09 1.27 0.00	26.10 1.17 0.00	26.12 1.03 0.00	27.75 1.06 0.00	26.30 1.04 0.00	25.28 0.99 0.00	28.74 1.13 0.00	25.57 1.15 0.00	24.82 1.21 0.00	25.41 1.39 0.00	27.53 1.55 0.00	52.33 1.86 -19.91	55.05 2.15 -19.09	56.33 2.10 -23.16	42.12 2.33 -5.45	41.01 2.63 0.00	51.68 3.03 0.00	72.43 3.85 0.00	69.31 3.54 0.00	49.88 2.55 0.00	42.10 2.33 0.00	30.56 1.70 -0.32	34.58 1.41 -8.83
HUDSON AVE_GT_4 23540	28.86 1.55 0.00	27.09 1.27 0.00	26.10 1.17 0.00	26.12 1.03 0.00	27.75 1.06 0.00	26.30 1.04 0.00	25.28 0.99 0.00	28.74 1.13 0.00	25.57 1.15 0.00	24.82 1.21 0.00	25.41 1.39 0.00	27.53 1.55 0.00	52.33 1.86 -19.91	55.05 2.15 -19.09	56.33 2.10 -23.16	42.12 2.33 -5.45	41.01 2.63 0.00	51.68 3.03 0.00	72.43 3.85 0.00	69.31 3.54 0.00	49.88 2.55 0.00	42.10 2.33 0.00	30.56 1.70 -0.32	34.58 1.41 -8.83
HUDSON AVE_GT_5 23657	28.86 1.55 0.00	27.09 1.27 0.00	26.10 1.17 0.00	26.12 1.03 0.00	27.75 1.06 0.00	26.30 1.04 0.00	25.28 0.99 0.00	28.74 1.13 0.00	25.57 1.15 0.00	24.82 1.21 0.00	25.41 1.39 0.00	27.53 1.55 0.00	52.33 1.86 -19.91	55.05 2.15 -19.09	56.33 2.10 -23.16	42.12 2.33 -5.45	41.01 2.63 0.00	51.68 3.03 0.00	72.43 3.85 0.00	69.31 3.54 0.00	49.88 2.55 0.00	42.10 2.33 0.00	30.56 1.70 -0.32	34.58 1.41 -8.83
HUDSON_AVE_10 24168	28.75 1.44 0.00	26.99 1.17 0.00	26.01 1.08 0.00	26.01 0.92 0.00	27.64 0.95 0.00	26.21 0.94 0.00	25.18 0.89 0.00	28.61 1.01 0.00	25.48 1.06 0.00	24.73 1.12 0.00	25.32 1.30 0.00	27.42 1.44 0.00	52.19 1.73 -19.91	54.90 2.00 -19.09	56.19 1.96 -23.16	41.97 2.18 -5.45	40.84 2.46 0.00	51.49 2.83 0.00	72.15 3.57 0.00	69.05 3.27 0.00	49.67 2.33 0.00	41.94 2.17 0.00	30.46 1.59 -0.32	34.50 1.32 -8.83
HUDSON___115KV_TB 4 355613	28.15 0.83 0.00	26.59 0.77 0.00	25.71 0.77 0.00	25.83 0.73 0.00	27.42 0.73 0.00	25.96 0.69 0.00	24.97 0.68 0.00	28.35 0.74 0.00	25.01 0.59 0.00	24.04 0.43 0.00	24.41 0.38 0.00	26.36 0.39 0.00	20.96 0.54 10.13	24.65 0.56 9.72	19.81 0.52 11.79	32.44 0.88 2.78	39.51 1.13 0.00	50.05 1.40 0.00	70.56 1.98 0.00	67.84 2.07 0.00	49.01 1.68 0.00	41.09 1.32 0.00	29.27 0.88 0.16	20.60 0.74 4.49
HUNTER MOUNT___DRP 323613	28.21 0.90 0.00	26.66 0.84 0.00	25.77 0.83 0.00	25.90 0.80 0.00	27.50 0.81 0.00	26.03 0.76 0.00	25.05 0.76 0.00	28.45 0.84 0.00	25.11 0.69 0.00	24.10 0.49 0.00	24.43 0.40 0.00	26.38 0.40 0.00	24.77 0.62 6.41	28.28 0.61 6.14	24.19 0.57 7.45	33.57 0.99 1.76	39.66 1.28 0.00	50.23 1.57 0.00	70.89 2.31 0.00	68.15 2.37 0.00	49.23 1.89 0.00	41.23 1.46 0.00	29.42 0.98 0.10	22.33 0.81 2.84
HUNTINGTON_RES_REC 323705	28.81 1.49 0.00	26.99 1.17 0.00	26.00 1.07 0.00	25.97 0.87 0.00	27.50 0.81 0.00	26.08 0.81 0.00	25.07 0.78 0.00	28.38 0.77 0.00	25.38 0.96 0.00	24.67 1.06 0.00	25.32 1.30 0.00	27.47 1.50 0.00	52.58 1.93 -20.10	60.36 2.16 -24.40	62.34 2.18 -29.09	45.60 2.27 -8.98	44.60 2.40 -3.82	51.25 2.59 0.00	71.63 3.05 0.00	68.58 2.81 0.00	49.43 2.10 0.00	41.98 2.22 0.00	30.55 1.69 -0.32	34.51 1.33 -8.83
HUNTLEY___63 23557	27.09 -0.22 0.00	25.77 -0.05 0.00	24.65 -0.29 0.00	24.80 -0.29 0.00	26.47 -0.22 0.00	25.21 -0.06 0.00	24.26 -0.03 0.00	27.51 -0.10 0.00	24.01 -0.41 0.00	23.41 -0.20 0.00	23.75 -0.27 0.00	25.91 -0.07 0.00	30.64 0.09 0.00	33.69 -0.12 0.00	30.96 -0.11 0.00	33.62 -0.72 0.00	37.19 -1.19 0.00	47.30 -1.35 0.00	67.46 -1.12 0.00	64.72 -1.06 0.00	46.31 -1.03 0.00	39.00 -0.77 0.00	28.23 -0.32 0.00	24.16 -0.19 0.00
HUNTLEY___64 23558	27.09 -0.22 0.00	25.77 -0.05 0.00	24.65 -0.29 0.00	24.80 -0.29 0.00	26.47 -0.22 0.00	25.21 -0.06 0.00	24.26 -0.03 0.00	27.51 -0.10 0.00	24.01 -0.41 0.00	23.41 -0.20 0.00	23.75 -0.27 0.00	25.91 -0.07 0.00	30.64 0.09 0.00	33.69 -0.12 0.00	30.96 -0.11 0.00	33.62 -0.72 0.00	37.19 -1.19 0.00	47.30 -1.35 0.00	67.46 -1.12 0.00	64.72 -1.06 0.00	46.31 -1.03 0.00	39.00 -0.77 0.00	28.23 -0.32 0.00	24.16 -0.19 0.00
HUNTLEY___65 23559	27.09 -0.22 0.00	25.77 -0.05 0.00	24.65 -0.29 0.00	24.80 -0.29 0.00	26.47 -0.22 0.00	25.21 -0.06 0.00	24.26 -0.03 0.00	27.51 -0.10 0.00	24.01 -0.41 0.00	23.41 -0.20 0.00	23.75 -0.27 0.00	25.91 -0.07 0.00	30.64 0.09 0.00	33.69 -0.12 0.00	30.96 -0.11 0.00	33.62 -0.72 0.00	37.19 -1.19 0.00	47.30 -1.35 0.00	67.46 -1.12 0.00	64.72 -1.06 0.00	46.31 -1.03 0.00	39.00 -0.77 0.00	28.23 -0.32 0.00	24.16 -0.19 0.00
HUNTLEY___66 23560	27.09 -0.22 0.00	25.77 -0.05 0.00	24.65 -0.29 0.00	24.80 -0.29 0.00	26.47 -0.22 0.00	25.21 -0.06 0.00	24.26 -0.03 0.00	27.51 -0.10 0.00	24.01 -0.41 0.00	23.41 -0.20 0.00	23.75 -0.27 0.00	25.91 -0.07 0.00	30.64 0.09 0.00	33.69 -0.12 0.00	30.96 -0.11 0.00	33.62 -0.72 0.00	37.19 -1.19 0.00	47.30 -1.35 0.00	67.46 -1.12 0.00	64.72 -1.06 0.00	46.31 -1.03 0.00	39.00 -0.77 0.00	28.23 -0.32 0.00	24.16 -0.19 0.00
HUNTLEY___67 23561	26.88 -0.43 0.00	25.58 -0.24 0.00	24.48 -0.46 0.00	24.68 -0.42 0.00	26.33 -0.36 0.00	25.07 -0.20 0.00	24.12 -0.17 0.00	27.38 -0.23 0.00	23.89 -0.53 0.00	23.29 -0.31 0.00	23.65 -0.38 0.00	25.78 -0.19 0.00	30.48 -0.07 0.00	33.50 -0.31 0.00	30.78 -0.29 0.00	33.42 -0.92 0.00	37.05 -1.33 0.00	47.10 -1.55 0.00	67.15 -1.43 0.00	64.40 -1.38 0.00	46.11 -1.22 0.00	38.83 -0.93 0.00	28.11 -0.44 0.00	24.02 -0.33 0.00
HUNTLEY___68 23562	26.88 -0.43 0.00	25.58 -0.24 0.00	24.48 -0.46 0.00	24.68 -0.42 0.00	26.33 -0.36 0.00	25.07 -0.20 0.00	24.12 -0.17 0.00	27.38 -0.23 0.00	23.89 -0.53 0.00	23.29 -0.31 0.00	23.65 -0.38 0.00	25.78 -0.19 0.00	30.48 -0.07 0.00	33.50 -0.31 0.00	30.78 -0.29 0.00	33.42 -0.92 0.00	37.05 -1.33 0.00	47.10 -1.55 0.00	67.15 -1.43 0.00	64.40 -1.38 0.00	46.11 -1.22 0.00	38.83 -0.93 0.00	28.11 -0.44 0.00	24.02 -0.33 0.00



HYLAND___LFGE 323620	28.48 1.17 0.00	26.96 1.14 0.00	25.82 0.88 0.00	26.04 0.95 0.00	27.74 1.04 0.00	26.36 1.09 0.00	25.39 1.10 0.00	28.84 1.23 0.00	24.92 0.50 0.00	23.64 0.03 0.00	23.95 -0.07 0.00	26.06 0.09 0.00	30.83 0.28 0.00	34.06 0.25 0.00	31.48 0.41 0.00	34.27 -0.07 0.00	38.48 0.11 0.00	48.87 0.22 0.00	71.04 2.46 0.00	69.47 3.70 0.00	49.94 2.61 0.00	41.86 2.09 0.00	30.04 1.49 0.00	25.44 1.09 0.00
INDECK___CORINTH 23802	29.71 2.40 0.00	27.97 2.15 0.00	26.95 2.02 0.00	27.07 1.98 0.00	28.79 2.10 0.00	27.31 2.05 0.00	26.34 2.04 0.00	29.95 2.35 0.00	26.36 1.94 0.00	25.31 1.70 0.00	25.30 1.27 0.00	27.30 1.32 0.00	12.09 1.76 20.23	16.49 2.07 19.39	9.50 1.96 23.52	31.49 2.69 5.54	41.56 3.19 0.00	52.70 4.04 0.00	74.94 6.36 0.00	71.96 6.19 0.00	52.12 4.79 0.00	43.64 3.87 0.00	30.87 2.64 0.32	17.60 2.21 8.96
INDECK___ILION 23567	27.75 0.44 0.00	26.21 0.39 0.00	25.31 0.37 0.00	25.48 0.38 0.00	27.08 0.38 0.00	25.59 0.32 0.00	24.61 0.32 0.00	27.94 0.33 0.00	24.61 0.19 0.00	23.68 0.07 0.00	23.98 -0.04 0.00	25.92 -0.06 0.00	30.57 0.02 0.00	33.84 0.03 0.00	31.16 0.09 0.00	34.67 0.33 0.00	38.88 0.50 0.00	49.29 0.64 0.00	69.63 1.05 0.00	66.88 1.11 0.00	48.24 0.90 0.00	40.47 0.70 0.00	29.03 0.48 0.00	24.72 0.36 0.00
INDECK___OLEAN 23982	26.98 -0.34 0.00	25.69 -0.13 0.00	24.56 -0.37 0.00	24.79 -0.31 0.00	26.44 -0.25 0.00	25.15 -0.11 0.00	24.19 -0.11 0.00	27.58 -0.03 0.00	24.01 -0.41 0.00	23.39 -0.22 0.00	23.73 -0.30 0.00	25.78 -0.19 0.00	30.54 -0.01 0.00	33.67 -0.14 0.00	30.82 -0.25 0.00	33.61 -0.72 0.00	37.38 -1.00 0.00	47.42 -1.23 0.00	67.67 -0.91 0.00	65.01 -0.76 0.00	46.44 -0.89 0.00	39.21 -0.56 0.00	28.41 -0.14 0.00	24.09 -0.26 0.00
INDECK___OSWEGO 23783	26.74 -0.57 0.00	25.34 -0.48 0.00	24.45 -0.49 0.00	24.65 -0.45 0.00	26.24 -0.45 0.00	24.84 -0.43 0.00	23.90 -0.40 0.00	27.15 -0.46 0.00	23.92 -0.50 0.00	23.12 -0.50 0.00	23.49 -0.54 0.00	25.35 -0.62 0.00	29.71 -0.83 0.00	32.90 -0.91 0.00	30.27 -0.80 0.00	33.39 -0.95 0.00	37.32 -1.05 0.00	47.42 -1.24 0.00	67.03 -1.55 0.00	64.49 -1.37 -0.09	46.39 -0.95 0.00	38.99 -0.78 0.00	27.99 -0.56 0.00	23.85 -0.50 0.00
INDECK___YERKES 23781	27.12 -0.19 0.00	25.79 -0.03 0.00	24.67 -0.27 0.00	24.82 -0.27 0.00	26.49 -0.20 0.00	25.22 -0.05 0.00	24.28 -0.01 0.00	27.53 -0.08 0.00	24.03 -0.39 0.00	23.44 -0.18 0.00	23.77 -0.25 0.00	25.93 -0.05 0.00	30.66 0.11 0.00	33.71 -0.10 0.00	30.99 -0.08 0.00	33.63 -0.71 0.00	37.27 -1.11 0.00	47.33 -1.32 0.00	67.51 -1.07 0.00	64.77 -1.00 0.00	46.32 -1.01 0.00	39.03 -0.74 0.00	28.24 -0.31 0.00	24.17 -0.18 0.00
INDIAN POINT_GT_1 24139	28.56 1.25 0.00	26.82 1.00 0.00	25.87 0.93 0.00	25.90 0.81 0.00	27.52 0.83 0.00	26.08 0.81 0.00	25.07 0.77 0.00	28.48 0.87 0.00	25.30 0.89 0.00	24.53 0.92 0.00	25.10 1.07 0.00	27.18 1.20 0.00	51.54 1.45 -19.54	54.23 1.69 -18.73	55.46 1.67 -22.72	41.57 1.88 -5.35	40.49 2.11 0.00	51.09 2.44 0.00	71.68 3.10 0.00	68.60 2.83 0.00	49.38 2.05 0.00	41.63 1.86 0.00	30.21 1.35 -0.31	34.15 1.14 -8.66
INDIAN POINT_GT_2 23659	28.56 1.25 0.00	26.82 1.00 0.00	25.87 0.93 0.00	25.90 0.81 0.00	27.52 0.83 0.00	26.08 0.81 0.00	25.07 0.77 0.00	28.48 0.87 0.00	25.30 0.89 0.00	24.53 0.92 0.00	25.10 1.07 0.00	27.18 1.20 0.00	51.54 1.45 -19.54	54.23 1.69 -18.73	55.46 1.67 -22.72	41.57 1.88 -5.35	40.49 2.11 0.00	51.09 2.44 0.00	71.68 3.10 0.00	68.60 2.83 0.00	49.38 2.05 0.00	41.63 1.86 0.00	30.21 1.35 -0.31	34.15 1.14 -8.66
INDIAN POINT_GT_3 24019	28.56 1.25 0.00	26.82 1.00 0.00	25.87 0.93 0.00	25.90 0.81 0.00	27.52 0.83 0.00	26.08 0.81 0.00	25.07 0.77 0.00	28.48 0.87 0.00	25.30 0.89 0.00	24.53 0.92 0.00	25.10 1.07 0.00	27.18 1.20 0.00	51.54 1.45 -19.54	54.23 1.69 -18.73	55.46 1.67 -22.72	41.57 1.88 -5.35	40.49 2.11 0.00	51.09 2.44 0.00	71.68 3.10 0.00	68.60 2.83 0.00	49.38 2.05 0.00	41.63 1.86 0.00	30.21 1.35 -0.31	34.15 1.14 -8.66
INDIAN POINT___2 23530	28.52 1.21 0.00	26.79 0.97 0.00	25.83 0.90 0.00	25.88 0.78 0.00	27.49 0.79 0.00	26.05 0.78 0.00	25.04 0.74 0.00	28.45 0.84 0.00	25.26 0.84 0.00	24.49 0.88 0.00	25.06 1.04 0.00	27.15 1.17 0.00	50.91 1.43 -18.93	53.62 1.66 -18.15	54.74 1.66 -22.02	41.36 1.84 -5.18	40.44 2.06 0.00	51.03 2.38 0.00	71.59 3.01 0.00	68.53 2.75 0.00	49.31 1.97 0.00	41.58 1.81 0.00	30.17 1.32 -0.30	33.86 1.12 -8.39
INDIAN POINT___3 23531	28.53 1.22 0.00	26.81 0.98 0.00	25.85 0.91 0.00	25.89 0.80 0.00	27.50 0.81 0.00	26.06 0.80 0.00	25.05 0.75 0.00	28.46 0.85 0.00	25.28 0.86 0.00	24.51 0.90 0.00	25.08 1.05 0.00	27.16 1.18 0.00	51.54 1.43 -19.56	54.24 1.67 -18.76	55.47 1.65 -22.75	41.54 1.84 -5.36	40.45 2.07 0.00	51.04 2.38 0.00	71.62 3.04 0.00	68.55 2.77 0.00	49.33 1.99 0.00	41.58 1.81 0.00	30.19 1.32 -0.31	34.13 1.10 -8.67
INGHAM_C_115KV_TB7 356103	28.18 0.86 0.00	26.59 0.76 0.00	25.68 0.74 0.00	25.84 0.74 0.00	27.42 0.73 0.00	25.86 0.60 0.00	24.90 0.60 0.00	28.23 0.62 0.00	24.71 0.29 0.00	23.61 0.00 0.00	23.76 -0.27 0.00	25.67 -0.30 0.00	30.43 -0.12 0.00	33.66 -0.15 0.00	31.10 0.03 0.00	34.88 0.54 0.00	39.27 0.89 0.00	49.76 1.10 0.00	70.51 1.93 0.00	67.93 2.16 0.00	49.08 1.75 0.00	41.13 1.36 0.00	29.47 0.91 0.00	25.05 0.70 0.00
IP CORINTH___1 23988	29.71 2.40 0.00	27.97 2.15 0.00	26.95 2.02 0.00	27.07 1.98 0.00	28.79 2.10 0.00	27.31 2.05 0.00	26.34 2.04 0.00	29.96 2.35 0.00	26.36 1.94 0.00	25.31 1.70 0.00	25.30 1.27 0.00	27.30 1.32 0.00	12.08 1.76 20.23	16.49 2.08 19.39	9.51 1.97 23.52	31.49 2.69 5.54	41.56 3.18 0.00	52.70 4.04 0.00	74.95 6.37 0.00	71.97 6.19 0.00	52.12 4.79 0.00	43.64 3.87 0.00	30.87 2.64 0.32	17.60 2.21 8.96
IP___TICONDEROGA 23804	31.19 3.88 0.00	29.29 3.47 0.00	28.15 3.22 0.00	28.15 3.06 0.00	29.95 3.26 0.00	28.52 3.25 0.00	27.66 3.37 0.00	31.50 3.89 0.00	27.52 3.10 0.00	26.32 2.71 0.00	26.21 2.18 0.00	28.02 2.05 0.00	12.77 2.74 20.52	17.57 3.44 19.67	10.38 3.17 23.86	32.97 4.26 5.62	43.56 5.18 0.00	55.13 6.47 0.00	77.98 9.40 0.00	75.40 9.62 0.00	54.74 7.41 0.00	45.91 6.14 0.00	32.43 4.21 0.33	18.87 3.61 9.09
ISLIP_RES_REC 323679	29.07 1.76 0.00	27.23 1.41 0.00	26.23 1.29 0.00	26.19 1.09 0.00	27.72 1.03 0.00	26.30 1.04 0.00	25.30 1.01 0.00	28.62 1.02 0.00	25.61 1.19 0.00	24.90 1.29 0.00	25.56 1.53 0.00	27.74 1.77 0.00	52.91 2.26 -20.10	60.69 2.48 -24.40	62.63 2.47 -29.09	46.06 2.73 -8.99	45.22 3.02 -3.83	52.06 3.40 0.00	72.78 4.20 0.00	69.68 3.91 0.00	50.25 2.91 0.00	42.57 2.80 0.00	30.87 2.01 -0.32	34.75 1.57 -8.83

JAMAICA__27_KV_LOAD 355505	28.92 1.61 0.00	27.13 1.31 0.00	26.16 1.23 0.00	26.15 1.06 0.00	27.78 1.09 0.00	26.34 1.07 0.00	25.31 1.02 0.00	28.75 1.15 0.00	25.64 1.22 0.00	24.89 1.28 0.00	25.49 1.47 0.00	27.57 1.60 0.00	52.38 1.91 -19.91	55.12 2.22 -19.09	56.37 2.14 -23.16	42.15 2.36 -5.45	41.08 2.70 0.00	51.81 3.15 0.00	72.61 4.03 0.00	69.49 3.71 0.00	49.98 2.65 0.00	42.23 2.46 0.00	30.68 1.81 -0.32	34.68 1.50 -8.83
JANIS__SOLAR 323808	28.21 0.90 0.00	26.70 0.89 0.00	25.68 0.75 0.00	25.89 0.79 0.00	27.55 0.86 0.00	26.08 0.82 0.00	25.12 0.82 0.00	28.47 0.86 0.00	24.87 0.45 0.00	23.79 0.18 0.00	23.99 -0.04 0.00	25.92 -0.05 0.00	30.52 -0.03 0.00	33.89 0.08 0.00	31.34 0.27 0.00	34.62 0.28 0.00	38.72 0.35 0.00	50.05 1.40 0.00	71.26 2.67 0.00	68.91 3.12 -0.02	49.33 1.99 0.00	41.39 1.62 0.00	29.65 1.10 0.00	25.15 0.80 0.00
JARVIS____ 23743	27.42 0.11 0.00	25.91 0.09 0.00	25.03 0.10 0.00	25.20 0.11 0.00	26.81 0.12 0.00	25.37 0.10 0.00	24.39 0.10 0.00	27.70 0.09 0.00	24.49 0.07 0.00	23.68 0.07 0.00	24.07 0.05 0.00	26.02 0.05 0.00	30.59 0.04 0.00	33.88 0.07 0.00	31.13 0.06 0.00	34.47 0.13 0.00	38.53 0.15 0.00	48.85 0.20 0.00	68.80 0.22 0.00	65.98 0.21 0.00	47.54 0.20 0.00	39.96 0.19 0.00	28.69 0.14 0.00	24.45 0.10 0.00
JENNISON____1 23625	28.29 0.98 0.00	26.77 0.95 0.00	25.76 0.83 0.00	25.99 0.90 0.00	27.66 0.97 0.00	26.15 0.88 0.00	25.16 0.87 0.00	28.46 0.86 0.00	24.98 0.55 0.00	24.12 0.51 0.00	24.42 0.39 0.00	26.44 0.46 0.00	31.14 0.59 0.00	34.49 0.69 0.00	31.84 0.77 0.00	35.20 0.86 0.00	39.42 1.04 0.00	50.50 1.85 0.00	71.73 3.15 0.00	68.99 3.20 -0.01	49.07 1.74 0.00	41.15 1.38 0.00	29.58 1.03 0.00	25.13 0.78 0.00
JENNISON____2 23626	28.29 0.98 0.00	26.77 0.95 0.00	25.76 0.83 0.00	25.99 0.90 0.00	27.66 0.97 0.00	26.15 0.88 0.00	25.16 0.87 0.00	28.46 0.86 0.00	24.98 0.55 0.00	24.12 0.51 0.00	24.42 0.39 0.00	26.44 0.46 0.00	31.14 0.59 0.00	34.49 0.69 0.00	31.84 0.77 0.00	35.20 0.86 0.00	39.42 1.04 0.00	50.50 1.85 0.00	71.73 3.15 0.00	68.99 3.20 -0.01	49.07 1.74 0.00	41.15 1.38 0.00	29.58 1.03 0.00	25.13 0.78 0.00
JERICOHO_RISE_WT_PWR 323719	27.64 0.32 0.00	26.15 0.33 0.00	25.26 0.32 0.00	25.39 0.30 0.00	27.03 0.33 0.00	25.76 0.50 0.00	24.78 0.48 0.00	28.19 0.59 0.00	24.93 0.51 0.00	24.09 0.48 0.00	24.56 0.54 0.00	26.63 0.65 0.00	31.28 0.73 0.00	34.59 0.78 0.00	31.68 0.61 0.00	35.07 0.73 0.00	39.25 0.87 0.00	49.78 1.13 0.00	70.57 1.99 0.00	68.06 2.29 0.00	48.88 1.54 0.00	40.78 1.01 0.00	29.09 0.54 0.00	24.81 0.45 0.00
KATONAH__115KV_46KV_TB4 355592	28.69 1.37 0.00	26.96 1.13 0.00	25.99 1.05 0.00	26.02 0.92 0.00	27.63 0.94 0.00	26.19 0.92 0.00	25.17 0.88 0.00	28.60 0.99 0.00	25.42 1.00 0.00	24.66 1.05 0.00	25.23 1.20 0.00	27.33 1.35 0.00	52.05 1.62 -19.88	54.75 1.89 -19.06	56.03 1.85 -23.12	41.88 2.10 -5.45	40.75 2.37 0.00	51.43 2.78 0.00	72.16 3.59 0.00	69.08 3.31 0.00	49.71 2.38 0.00	41.86 2.09 0.00	30.36 1.49 -0.31	34.39 1.23 -8.81
KCE_NY_1 323755	29.07 1.76 0.00	27.38 1.56 0.00	26.39 1.46 0.00	26.54 1.44 0.00	28.25 1.55 0.00	26.75 1.48 0.00	25.74 1.45 0.00	29.26 1.66 0.00	25.76 1.35 0.00	24.81 1.21 0.00	25.06 1.03 0.00	27.06 1.08 0.00	11.90 1.44 20.09	16.18 1.63 19.26	9.24 1.53 23.36	30.94 2.10 5.50	40.81 2.43 0.00	51.70 3.04 0.00	73.10 4.52 0.00	70.12 4.34 0.00	50.66 3.32 0.00	42.43 2.66 0.00	30.10 1.87 0.32	17.00 1.56 8.90
KCE_NY_6_ESR 323823	27.12 -0.20 0.00	25.79 -0.03 0.00	24.67 -0.27 0.00	24.88 -0.21 0.00	26.53 -0.16 0.00	25.24 -0.02 0.00	24.28 -0.02 0.00	27.59 -0.02 0.00	24.04 -0.38 0.00	23.45 -0.16 0.00	23.79 -0.24 0.00	25.96 -0.02 0.00	30.69 0.14 0.00	33.76 -0.05 0.00	31.08 0.01 0.00	33.75 -0.59 0.00	37.48 -0.90 0.00	47.65 -1.00 0.00	67.99 -0.60 0.00	65.27 -0.50 0.00	46.63 -0.70 0.00	39.29 -0.48 0.00	28.42 -0.14 0.00	24.20 -0.15 0.00
KEDC_PORT_JEFF_GT2 24210	28.92 1.61 0.00	27.10 1.28 0.00	26.11 1.17 0.00	26.07 0.97 0.00	27.59 0.90 0.00	26.19 0.92 0.00	25.19 0.89 0.00	28.50 0.89 0.00	25.49 1.08 0.00	24.78 1.17 0.00	25.44 1.42 0.00	27.60 1.62 0.00	52.74 2.09 -20.10	60.46 2.29 -24.37	62.40 2.28 -29.05	45.77 2.47 -8.96	44.88 2.70 -3.80	51.66 3.01 0.00	72.19 3.61 0.00	69.12 3.35 0.00	49.85 2.52 0.00	42.28 2.50 0.00	30.68 1.82 -0.32	34.60 1.42 -8.83
KEDC_PORT_JEFF_GT3 24211	28.92 1.61 0.00	27.10 1.28 0.00	26.11 1.17 0.00	26.07 0.97 0.00	27.59 0.90 0.00	26.19 0.92 0.00	25.19 0.89 0.00	28.50 0.89 0.00	25.49 1.08 0.00	24.78 1.17 0.00	25.44 1.42 0.00	27.60 1.62 0.00	52.74 2.09 -20.10	60.46 2.29 -24.37	62.40 2.28 -29.05	45.77 2.47 -8.96	44.88 2.70 -3.80	51.66 3.01 0.00	72.19 3.61 0.00	69.12 3.35 0.00	49.85 2.52 0.00	42.28 2.50 0.00	30.68 1.82 -0.32	34.60 1.42 -8.83
KEDC_GLWD_GT4 24219	28.89 1.58 0.00	27.12 1.30 0.00	26.13 1.19 0.00	26.13 1.04 0.00	27.75 1.06 0.00	26.29 1.02 0.00	25.27 0.97 0.00	28.68 1.07 0.00	25.54 1.12 0.00	24.81 1.19 0.00	25.43 1.40 0.00	27.57 1.59 0.00	52.73 1.95 -20.23	64.20 2.20 -28.19	66.55 2.16 -33.32	48.22 2.38 -11.51	47.54 2.60 -6.56	51.32 2.66 0.00	71.86 3.27 0.00	68.86 3.09 0.00	49.88 2.55 0.00	42.15 2.39 0.00	30.60 1.73 -0.32	34.59 1.41 -8.83
KEDC_GLWD_GT5 24220	28.89 1.58 0.00	27.12 1.30 0.00	26.13 1.19 0.00	26.13 1.04 0.00	27.75 1.06 0.00	26.29 1.02 0.00	25.27 0.97 0.00	28.68 1.07 0.00	25.54 1.12 0.00	24.81 1.19 0.00	25.43 1.40 0.00	27.57 1.59 0.00	52.73 1.95 -20.23	64.20 2.20 -28.19	66.55 2.16 -33.32	48.22 2.38 -11.51	47.54 2.60 -6.56	51.32 2.66 0.00	71.86 3.27 0.00	68.86 3.09 0.00	49.88 2.55 0.00	42.15 2.39 0.00	30.60 1.73 -0.32	34.59 1.41 -8.83
KENSICO____ 23655	28.65 1.33 0.00	26.91 1.09 0.00	25.94 1.00 0.00	25.98 0.88 0.00	27.59 0.90 0.00	26.15 0.88 0.00	25.13 0.83 0.00	28.55 0.94 0.00	25.38 0.96 0.00	24.61 1.00 0.00	25.18 1.16 0.00	27.28 1.30 0.00	51.98 1.57 -19.86	54.66 1.81 -19.04	55.94 1.77 -23.10	41.78 1.99 -5.44	40.62 2.24 0.00	51.25 2.59 0.00	71.86 3.28 0.00	68.78 3.01 0.00	49.52 2.19 0.00	41.75 1.98 0.00	30.31 1.44 -0.31	34.35 1.20 -8.80
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.74 1.43 0.00	27.00 1.18 0.00	26.03 1.10 0.00	26.09 1.00 0.00	27.72 1.03 0.00	26.25 0.98 0.00	25.24 0.95 0.00	28.67 1.06 0.00	25.43 1.01 0.00	24.57 0.96 0.00	25.07 1.05 0.00	27.10 1.12 0.00	42.63 1.34 -10.74	45.77 1.67 -10.30	45.12 1.56 -12.49	39.03 1.75 -2.94	40.33 1.95 0.00	51.21 2.56 0.00	71.98 3.40 0.00	69.03 3.26 0.00	50.04 2.71 0.00	42.07 2.30 0.00	30.30 1.58 -0.17	30.37 1.26 -4.76

KIAC_JFK_GT1 23816	28.76 1.45 0.00	26.99 1.17 0.00	26.02 1.09 0.00	26.01 0.92 0.00	27.63 0.94 0.00	26.20 0.94 0.00	25.18 0.89 0.00	28.60 0.99 0.00	25.49 1.07 0.00	24.76 1.15 0.00	25.36 1.33 0.00	27.43 1.45 0.00	52.20 1.74 -19.91	54.92 2.02 -19.09	56.19 1.96 -23.16	41.96 2.17 -5.45	40.85 2.47 0.00	51.52 2.86 0.00	72.18 3.60 0.00	69.06 3.29 0.00	49.69 2.35 0.00	41.97 2.20 0.00	30.50 1.63 -0.32	34.53 1.35 -8.83
KIAC_JFK_GT2 23817	28.76 1.45 0.00	26.99 1.17 0.00	26.02 1.09 0.00	26.01 0.92 0.00	27.63 0.94 0.00	26.20 0.94 0.00	25.18 0.89 0.00	28.60 0.99 0.00	25.49 1.07 0.00	24.76 1.15 0.00	25.36 1.33 0.00	27.43 1.45 0.00	52.20 1.74 -19.91	54.92 2.02 -19.09	56.19 1.96 -23.16	41.96 2.17 -5.45	40.85 2.47 0.00	51.52 2.86 0.00	72.18 3.60 0.00	69.06 3.29 0.00	49.69 2.35 0.00	41.97 2.20 0.00	30.50 1.63 -0.32	34.53 1.35 -8.83
KIAC_JFK____ 323774	28.76 1.45 0.00	26.99 1.17 0.00	26.02 1.09 0.00	26.01 0.92 0.00	27.63 0.94 0.00	26.20 0.94 0.00	25.18 0.89 0.00	28.60 0.99 0.00	25.49 1.07 0.00	24.76 1.15 0.00	25.36 1.33 0.00	27.43 1.45 0.00	52.21 1.74 -19.91	54.93 2.03 -19.09	56.20 1.97 -23.16	41.97 2.17 -5.45	40.84 2.46 0.00	51.52 2.86 0.00	72.18 3.60 0.00	69.06 3.29 0.00	49.69 2.35 0.00	41.97 2.20 0.00	30.50 1.63 -0.32	34.53 1.36 -8.83
KINTIGH__24_KV_GSU 356498	26.92 -0.39 0.00	25.58 -0.24 0.00	24.53 -0.40 0.00	24.71 -0.39 0.00	26.37 -0.33 0.00	25.09 -0.18 0.00	24.14 -0.15 0.00	27.41 -0.20 0.00	23.97 -0.45 0.00	23.34 -0.27 0.00	23.69 -0.34 0.00	25.80 -0.17 0.00	30.48 -0.07 0.00	33.54 -0.27 0.00	30.79 -0.28 0.00	33.50 -0.84 0.00	37.25 -1.13 0.00	47.32 -1.34 0.00	67.35 -1.23 0.00	64.56 -1.21 0.00	46.26 -1.08 0.00	38.94 -0.83 0.00	28.15 -0.40 0.00	24.05 -0.30 0.00
KINTIGH____ 23543	26.91 -0.41 0.00	25.57 -0.25 0.00	24.51 -0.42 0.00	24.70 -0.40 0.00	26.34 -0.35 0.00	25.07 -0.20 0.00	24.12 -0.17 0.00	27.39 -0.22 0.00	23.95 -0.47 0.00	23.32 -0.29 0.00	23.67 -0.35 0.00	25.78 -0.20 0.00	30.46 -0.09 0.00	33.52 -0.29 0.00	30.76 -0.31 0.00	33.47 -0.86 0.00	37.20 -1.18 0.00	47.27 -1.38 0.00	67.29 -1.29 0.00	64.53 -1.25 0.00	46.24 -1.10 0.00	38.91 -0.86 0.00	28.13 -0.42 0.00	24.04 -0.31 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.25 0.94 0.00	26.69 0.87 0.00	25.77 0.84 0.00	25.90 0.81 0.00	27.56 0.87 0.00	26.29 1.02 0.00	25.32 1.03 0.00	28.79 1.18 0.00	25.42 1.00 0.00	24.47 0.86 0.00	24.98 0.96 0.00	27.21 1.23 0.00	31.85 1.31 0.00	35.32 1.51 0.00	32.32 1.26 0.00	35.79 1.46 0.00	40.17 1.79 0.00	50.82 2.17 0.00	72.25 3.67 0.00	69.90 4.12 0.00	50.23 2.89 0.00	41.86 2.08 0.00	29.82 1.27 0.00	25.42 1.07 0.00
LACHUTE____HYDRO 323717	31.19 3.88 0.00	29.29 3.47 0.00	28.15 3.22 0.00	28.15 3.06 0.00	29.95 3.26 0.00	28.52 3.25 0.00	27.66 3.37 0.00	31.50 3.89 0.00	27.52 3.10 0.00	26.32 2.71 0.00	26.21 2.18 0.00	28.02 2.05 0.00	12.77 2.74 20.52	17.57 3.44 19.67	10.37 3.17 23.86	32.97 4.25 5.62	43.56 5.18 0.00	55.13 6.47 0.00	77.98 9.40 0.00	75.40 9.63 0.00	54.74 7.40 0.00	45.91 6.14 0.00	32.43 4.20 0.33	18.87 3.61 9.09
LAWRNCV_115KV_TB1 80681	27.42 0.11 0.00	25.91 0.09 0.00	25.03 0.09 0.00	25.19 0.09 0.00	26.88 0.19 0.00	25.56 0.29 0.00	24.57 0.28 0.00	27.97 0.36 0.00	24.69 0.27 0.00	23.81 0.20 0.00	24.25 0.22 0.00	26.20 0.22 0.00	30.80 0.25 0.00	34.05 0.25 0.00	31.23 0.16 0.00	34.43 0.09 0.00	38.46 0.09 0.00	48.99 0.34 0.00	69.68 1.10 0.00	67.25 1.48 0.00	48.22 0.88 0.00	40.32 0.55 0.00	28.84 0.29 0.00	24.62 0.27 0.00
LEDERLE____ 23769	28.67 1.36 0.00	26.92 1.10 0.00	25.95 1.01 0.00	26.00 0.90 0.00	27.62 0.93 0.00	26.18 0.91 0.00	25.16 0.87 0.00	28.60 0.99 0.00	25.39 0.97 0.00	24.61 1.00 0.00	25.18 1.16 0.00	27.31 1.33 0.00	50.68 1.62 -18.51	53.44 1.89 -17.74	54.47 1.88 -21.53	41.50 2.09 -5.07	40.74 2.36 0.00	51.43 2.77 0.00	72.16 3.59 0.00	69.05 3.27 0.00	49.65 2.32 0.00	41.85 2.08 0.00	30.34 1.50 -0.29	33.80 1.24 -8.20
LIGHTHSE_115KV_TB6 355974	27.09 -0.22 0.00	25.62 -0.20 0.00	24.78 -0.16 0.00	25.05 -0.04 0.00	26.80 0.11 0.00	25.39 0.12 0.00	24.41 0.12 0.00	27.74 0.13 0.00	24.39 -0.02 0.00	23.55 -0.06 0.00	23.90 -0.12 0.00	25.73 -0.25 0.00	30.09 -0.46 0.00	33.29 -0.52 0.00	30.67 -0.40 0.00	33.79 -0.55 0.00	37.74 -0.63 0.00	48.12 -0.54 0.00	68.53 -0.05 0.00	66.21 0.39 -0.04	47.64 0.30 0.00	40.06 0.29 0.00	28.70 0.15 0.00	24.43 0.08 0.00
LINDEN COGEN____ 23786	28.69 1.37 0.00	26.91 1.09 0.00	25.94 1.01 0.00	25.95 0.85 0.00	27.58 0.88 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.55 0.94 0.00	25.40 0.98 0.00	24.65 1.04 0.00	25.24 1.21 0.00	27.34 1.37 0.00	52.10 1.63 -19.91	54.80 1.90 -19.09	56.12 1.89 -23.16	41.88 2.08 -5.45	40.72 2.34 0.00	51.32 2.67 0.00	71.96 3.38 0.00	68.88 3.11 0.00	49.55 2.22 0.00	41.84 2.06 0.00	30.38 1.52 -0.32	34.44 1.27 -8.83
LINDHRST_69_KV_BK1 356055	29.15 1.84 0.00	27.33 1.51 0.00	26.31 1.37 0.00	26.28 1.18 0.00	27.86 1.17 0.00	26.40 1.13 0.00	25.38 1.09 0.00	28.74 1.13 0.00	25.68 1.26 0.00	24.96 1.35 0.00	25.62 1.59 0.00	27.79 1.81 0.00	52.92 2.25 -20.12	61.30 2.50 -24.99	63.23 2.42 -29.74	46.38 2.67 -9.37	45.58 2.96 -4.24	52.01 3.36 0.00	72.71 4.14 0.00	69.63 3.86 0.00	50.22 2.88 0.00	42.56 2.79 0.00	30.89 2.03 -0.32	34.78 1.60 -8.83
LIPA_MISC_IPP 23656	28.75 1.44 0.00	26.94 1.12 0.00	25.96 1.03 0.00	25.92 0.82 0.00	27.43 0.74 0.00	26.03 0.76 0.00	25.05 0.76 0.00	28.32 0.71 0.00	25.35 0.93 0.00	24.64 1.03 0.00	25.29 1.27 0.00	27.41 1.43 0.00	52.49 1.84 -20.10	60.16 2.01 -24.35	62.08 1.99 -29.03	45.51 2.22 -8.95	44.63 2.47 -3.78	51.33 2.68 0.00	71.78 3.20 0.00	68.75 2.97 0.00	49.61 2.28 0.00	42.06 2.29 0.00	30.52 1.65 -0.32	34.45 1.27 -8.83
LISF____SOLAR 323691	28.80 1.49 0.00	26.99 1.17 0.00	26.00 1.07 0.00	25.96 0.86 0.00	27.47 0.78 0.00	26.07 0.81 0.00	25.09 0.79 0.00	28.35 0.74 0.00	25.38 0.96 0.00	24.67 1.06 0.00	25.32 1.29 0.00	27.44 1.46 0.00	52.55 1.90 -20.10	60.21 2.05 -24.35	62.16 2.06 -29.03	45.59 2.30 -8.95	44.70 2.54 -3.79	51.46 2.80 0.00	71.96 3.38 0.00	68.93 3.16 0.00	49.74 2.40 0.00	42.16 2.39 0.00	30.58 1.71 -0.32	34.51 1.33 -8.83
LITTLE FALLS____HYD 24013	28.18 0.86 0.00	26.59 0.76 0.00	25.68 0.74 0.00	25.84 0.74 0.00	27.42 0.73 0.00	25.86 0.60 0.00	24.90 0.60 0.00	28.23 0.62 0.00	24.71 0.29 0.00	23.61 0.00 0.00	23.76 -0.27 0.00	25.67 -0.30 0.00	30.43 -0.12 0.00	33.66 -0.15 0.00	31.10 0.03 0.00	34.88 0.54 0.00	39.27 0.89 0.00	49.76 1.10 0.00	70.51 1.93 0.00	67.93 2.16 0.00	49.08 1.75 0.00	41.13 1.36 0.00	29.47 0.91 0.00	25.05 0.70 0.00

LITTLRIV_115KV_TB1 356100	27.76 0.45 0.00	26.22 0.40 0.00	25.32 0.38 0.00	25.47 0.38 0.00	27.20 0.50 0.00	25.87 0.60 0.00	24.88 0.59 0.00	28.31 0.70 0.00	24.93 0.51 0.00	23.95 0.34 0.00	24.36 0.34 0.00	26.29 0.31 0.00	30.90 0.35 0.00	34.17 0.37 0.00	31.35 0.28 0.00	34.57 0.23 0.00	38.62 0.24 0.00	49.27 0.61 0.00	70.40 1.82 0.00	68.32 2.54 -0.01	48.95 1.62 0.00	40.89 1.12 0.00	29.23 0.68 0.00	24.92 0.57 0.00
LI_NEWBRDGE___DRP 323616	28.69 1.37 0.00	26.91 1.09 0.00	25.93 0.99 0.00	25.92 0.83 0.00	27.50 0.80 0.00	26.05 0.78 0.00	25.05 0.75 0.00	28.39 0.78 0.00	25.33 0.91 0.00	24.61 1.00 0.00	25.24 1.22 0.00	27.37 1.40 0.00	52.35 1.71 -20.09	59.69 1.90 -23.98	61.55 1.86 -28.62	45.05 2.01 -8.71	44.09 2.19 -3.52	51.03 2.38 0.00	71.38 2.80 0.00	68.38 2.60 0.00	49.32 1.99 0.00	41.80 2.03 0.00	30.37 1.51 -0.32	34.38 1.19 -8.83
LOCKPORT_115KV_TB60_63_64 80432	26.86 -0.46 0.00	25.57 -0.25 0.00	24.47 -0.47 0.00	24.65 -0.44 0.00	26.30 -0.40 0.00	25.06 -0.21 0.00	24.14 -0.15 0.00	27.31 -0.30 0.00	23.82 -0.60 0.00	23.21 -0.40 0.00	23.52 -0.51 0.00	25.63 -0.35 0.00	30.29 -0.26 0.00	33.30 -0.51 0.00	30.58 -0.48 0.00	33.37 -0.97 0.00	36.81 -1.57 0.00	46.81 -1.84 0.00	66.85 -1.73 0.00	64.20 -1.58 0.00	45.99 -1.34 0.00	38.75 -1.02 0.00	28.04 -0.51 0.00	23.99 -0.37 0.00
LOCKPORT___CC1 323769	26.85 -0.46 0.00	25.56 -0.26 0.00	24.47 -0.47 0.00	24.65 -0.45 0.00	26.29 -0.40 0.00	25.06 -0.21 0.00	24.13 -0.16 0.00	27.31 -0.30 0.00	23.83 -0.59 0.00	23.23 -0.38 0.00	23.54 -0.49 0.00	25.65 -0.33 0.00	30.32 -0.23 0.00	33.33 -0.48 0.00	30.62 -0.45 0.00	33.35 -0.99 0.00	36.87 -1.50 0.00	46.82 -1.83 0.00	66.85 -1.73 0.00	64.18 -1.60 0.00	45.95 -1.39 0.00	38.74 -1.03 0.00	28.04 -0.51 0.00	23.98 -0.37 0.00
LOCKPORT___CC2 323770	26.85 -0.46 0.00	25.56 -0.26 0.00	24.47 -0.47 0.00	24.65 -0.45 0.00	26.29 -0.40 0.00	25.06 -0.21 0.00	24.13 -0.16 0.00	27.31 -0.30 0.00	23.83 -0.59 0.00	23.23 -0.38 0.00	23.54 -0.49 0.00	25.65 -0.33 0.00	30.32 -0.23 0.00	33.33 -0.48 0.00	30.62 -0.45 0.00	33.35 -0.99 0.00	36.87 -1.50 0.00	46.82 -1.83 0.00	66.85 -1.73 0.00	64.18 -1.60 0.00	45.95 -1.39 0.00	38.74 -1.03 0.00	28.04 -0.51 0.00	23.98 -0.37 0.00
LOCKPORT___CC3 323771	26.85 -0.46 0.00	25.56 -0.26 0.00	24.47 -0.47 0.00	24.65 -0.45 0.00	26.29 -0.40 0.00	25.06 -0.21 0.00	24.13 -0.16 0.00	27.31 -0.30 0.00	23.83 -0.59 0.00	23.23 -0.38 0.00	23.54 -0.49 0.00	25.65 -0.33 0.00	30.32 -0.23 0.00	33.33 -0.48 0.00	30.62 -0.45 0.00	33.35 -0.99 0.00	36.87 -1.50 0.00	46.82 -1.83 0.00	66.85 -1.73 0.00	64.18 -1.60 0.00	45.95 -1.39 0.00	38.74 -1.03 0.00	28.04 -0.51 0.00	23.98 -0.37 0.00
LOCUSVLY_69_KV_BK2 55797	28.93 1.62 0.00	27.15 1.33 0.00	26.14 1.21 0.00	26.14 1.05 0.00	27.74 1.04 0.00	26.29 1.02 0.00	25.27 0.97 0.00	28.65 1.04 0.00	25.55 1.13 0.00	24.84 1.23 0.00	25.48 1.45 0.00	27.63 1.66 0.00	52.76 2.02 -20.20	63.27 2.30 -27.16	65.48 2.24 -32.17	47.61 2.45 -10.82	46.89 2.69 -5.81	51.60 2.94 0.00	72.18 3.60 0.00	69.14 3.36 0.00	49.91 2.57 0.00	42.24 2.47 0.00	30.66 1.80 -0.32	34.62 1.44 -8.83
LONG_LAKE_PHOENIX 24014	26.87 -0.44 0.00	25.45 -0.37 0.00	24.56 -0.37 0.00	24.74 -0.36 0.00	26.32 -0.37 0.00	24.91 -0.36 0.00	23.96 -0.33 0.00	27.22 -0.39 0.00	23.98 -0.44 0.00	23.18 -0.43 0.00	23.55 -0.48 0.00	25.43 -0.55 0.00	29.85 -0.69 0.00	33.07 -0.74 0.00	30.40 -0.67 0.00	33.53 -0.80 0.00	37.49 -0.89 0.00	47.65 -1.00 0.00	67.36 -1.22 0.00	64.75 -1.09 -0.07	46.57 -0.77 0.00	39.13 -0.64 0.00	28.10 -0.45 0.00	23.93 -0.42 0.00
LOVETT___3 23632	28.53 1.22 0.00	26.79 0.97 0.00	25.83 0.90 0.00	25.88 0.78 0.00	27.49 0.79 0.00	26.05 0.78 0.00	25.04 0.75 0.00	28.45 0.84 0.00	25.26 0.84 0.00	24.50 0.89 0.00	25.06 1.04 0.00	27.16 1.18 0.00	50.78 1.43 -18.80	53.51 1.68 -18.02	54.58 1.65 -21.86	41.33 1.85 -5.15	40.45 2.08 0.00	51.05 2.40 0.00	71.62 3.04 0.00	68.57 2.79 0.00	49.32 1.99 0.00	41.58 1.81 0.00	30.17 1.32 -0.30	33.79 1.11 -8.33
LOVETT___4 23642	28.53 1.22 0.00	26.79 0.97 0.00	25.83 0.90 0.00	25.88 0.78 0.00	27.49 0.79 0.00	26.05 0.78 0.00	25.04 0.75 0.00	28.45 0.84 0.00	25.26 0.84 0.00	24.50 0.89 0.00	25.06 1.04 0.00	27.16 1.18 0.00	50.78 1.43 -18.80	53.51 1.68 -18.02	54.58 1.65 -21.86	41.33 1.85 -5.15	40.45 2.08 0.00	51.05 2.40 0.00	71.62 3.04 0.00	68.57 2.79 0.00	49.32 1.99 0.00	41.58 1.81 0.00	30.17 1.32 -0.30	33.79 1.11 -8.33
LOVETT___5 23593	28.53 1.22 0.00	26.79 0.97 0.00	25.83 0.90 0.00	25.88 0.78 0.00	27.49 0.79 0.00	26.05 0.78 0.00	25.04 0.75 0.00	28.45 0.84 0.00	25.26 0.84 0.00	24.50 0.89 0.00	25.06 1.04 0.00	27.16 1.18 0.00	50.78 1.43 -18.80	53.51 1.68 -18.02	54.58 1.65 -21.86	41.33 1.85 -5.15	40.45 2.08 0.00	51.05 2.40 0.00	71.62 3.04 0.00	68.57 2.79 0.00	49.32 1.99 0.00	41.58 1.81 0.00	30.17 1.32 -0.30	33.79 1.11 -8.33
LOWER RAQUET___HYD 24057	27.47 0.16 0.00	25.94 0.12 0.00	25.07 0.13 0.00	25.23 0.14 0.00	26.95 0.26 0.00	25.63 0.36 0.00	24.64 0.35 0.00	28.05 0.44 0.00	24.74 0.32 0.00	23.85 0.24 0.00	24.28 0.25 0.00	26.23 0.25 0.00	30.84 0.29 0.00	34.09 0.28 0.00	31.27 0.20 0.00	34.47 0.13 0.00	38.50 0.13 0.00	49.08 0.43 0.00	69.88 1.30 0.00	67.52 1.74 -0.01	48.40 1.06 0.00	40.47 0.70 0.00	28.93 0.38 0.00	24.69 0.34 0.00
LOWER___HUDSON 24059	28.36 1.05 0.00	26.74 0.92 0.00	25.83 0.89 0.00	25.98 0.88 0.00	27.59 0.90 0.00	26.15 0.88 0.00	25.15 0.85 0.00	28.56 0.95 0.00	25.24 0.82 0.00	24.36 0.75 0.00	24.70 0.68 0.00	26.66 0.68 0.00	6.43 0.89 25.01	10.83 0.99 23.98	2.88 0.90 29.09	28.73 1.25 6.85	39.76 1.39 0.00	50.25 1.60 0.00	70.72 2.14 0.00	67.86 2.08 0.00	49.10 1.76 0.00	41.20 1.44 0.00	29.17 1.02 0.40	14.17 0.90 11.09
LOWVILLE_115KV_TB2 356335	27.41 0.09 0.00	25.79 -0.03 0.00	25.08 0.14 0.00	25.50 0.40 0.00	27.55 0.86 0.00	26.16 0.89 0.00	25.13 0.83 0.00	28.55 0.94 0.00	25.09 0.67 0.00	24.14 0.53 0.00	24.51 0.49 0.00	26.36 0.38 0.00	30.76 0.21 0.00	34.08 0.27 0.00	31.34 0.28 0.00	34.61 0.27 0.00	38.68 0.30 0.00	49.63 0.97 0.00	71.04 2.46 0.00	68.94 3.15 -0.01	49.49 2.16 0.00	41.56 1.79 0.00	29.70 1.15 0.00	25.28 0.92 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.05 1.73 0.00	27.37 1.55 0.00	26.40 1.46 0.00	26.54 1.45 0.00	28.22 1.53 0.00	26.75 1.48 0.00	25.74 1.45 0.00	29.25 1.64 0.00	25.77 1.35 0.00	24.81 1.20 0.00	25.03 1.01 0.00	27.03 1.05 0.00	11.85 1.39 20.09	16.14 1.59 19.26	9.22 1.51 23.36	30.90 2.06 5.50	40.75 2.38 0.00	51.62 2.97 0.00	72.98 4.40 0.00	70.03 4.25 0.00	50.62 3.28 0.00	42.43 2.66 0.00	30.08 1.84 0.32	16.99 1.55 8.90

LUTHERNY_35_KV_BK2 355980	29.07 1.76 0.00	27.38 1.56 0.00	26.40 1.46 0.00	26.54 1.44 0.00	28.25 1.56 0.00	26.75 1.48 0.00	25.74 1.45 0.00	29.27 1.66 0.00	25.76 1.35 0.00	24.82 1.21 0.00	25.05 1.03 0.00	27.06 1.08 0.00	11.90 1.44 20.09	16.18 1.63 19.26	9.24 1.53 23.36	30.94 2.10 5.50	40.81 2.43 0.00	51.70 3.05 0.00	73.10 4.52 0.00	70.11 4.34 0.00	50.66 3.33 0.00	42.43 2.66 0.00	30.10 1.87 0.32	17.00 1.56 8.90
LWR___OSWEGATCHIE_HYD 23850	27.45 0.13 0.00	25.88 0.06 0.00	25.08 0.14 0.00	25.38 0.28 0.00	27.26 0.57 0.00	25.90 0.63 0.00	24.89 0.59 0.00	28.30 0.69 0.00	24.91 0.49 0.00	24.00 0.39 0.00	24.39 0.37 0.00	26.26 0.29 0.00	30.74 0.19 0.00	34.02 0.21 0.00	31.26 0.20 0.00	34.47 0.13 0.00	38.52 0.14 0.00	49.29 0.64 0.00	70.47 1.89 0.00	68.27 2.49 -0.01	48.98 1.65 0.00	41.05 1.27 0.00	29.34 0.78 0.00	24.99 0.64 0.00
LYONS_FALL_HYD 23570	27.60 0.29 0.00	26.01 0.18 0.00	25.22 0.28 0.00	25.54 0.44 0.00	27.44 0.75 0.00	26.03 0.76 0.00	25.02 0.73 0.00	28.43 0.82 0.00	25.03 0.61 0.00	24.13 0.52 0.00	24.49 0.46 0.00	26.35 0.37 0.00	30.84 0.29 0.00	34.23 0.42 0.00	31.43 0.36 0.00	34.77 0.43 0.00	38.87 0.49 0.00	49.76 1.11 0.00	70.88 2.30 0.00	68.48 2.70 -0.01	49.20 1.87 0.00	41.32 1.55 0.00	29.56 1.01 0.00	25.15 0.80 0.00
MADISON___COUNTY_LFGE 323628	27.91 0.60 0.00	26.37 0.54 0.00	25.44 0.50 0.00	25.63 0.54 0.00	27.35 0.65 0.00	25.90 0.63 0.00	24.92 0.62 0.00	28.31 0.70 0.00	24.97 0.55 0.00	24.11 0.50 0.00	24.41 0.38 0.00	26.30 0.32 0.00	30.91 0.36 0.00	34.37 0.57 0.00	31.52 0.45 0.00	34.91 0.57 0.00	39.10 0.73 0.00	49.94 1.28 0.00	70.81 2.23 0.00	68.11 2.32 -0.01	48.98 1.64 0.00	41.10 1.33 0.00	29.47 0.92 0.00	25.06 0.71 0.00
MALONE___115KV_TB1 356076	27.91 0.60 0.00	26.39 0.57 0.00	25.48 0.54 0.00	25.61 0.52 0.00	27.29 0.60 0.00	26.02 0.75 0.00	25.03 0.73 0.00	28.49 0.88 0.00	25.18 0.76 0.00	24.31 0.70 0.00	24.78 0.75 0.00	26.79 0.81 0.00	31.47 0.92 0.00	34.83 1.02 0.00	31.88 0.82 0.00	35.24 0.90 0.00	39.49 1.11 0.00	50.21 1.56 0.00	71.39 2.81 0.00	68.97 3.19 0.00	49.52 2.18 0.00	41.29 1.52 0.00	29.42 0.87 0.00	25.09 0.74 0.00
MAPLEWOD_115KV_TB3 80458	28.04 0.72 0.00	26.48 0.66 0.00	25.59 0.65 0.00	25.72 0.63 0.00	27.31 0.61 0.00	25.86 0.58 0.00	24.86 0.56 0.00	28.21 0.60 0.00	24.97 0.55 0.00	24.11 0.50 0.00	24.51 0.48 0.00	26.48 0.50 0.00	14.27 0.66 16.94	18.28 0.71 16.24	12.06 0.69 19.70	30.64 0.95 4.64	39.45 1.08 0.00	49.82 1.17 0.00	70.08 1.49 0.00	67.21 1.44 0.00	48.58 1.24 0.00	40.80 1.03 0.00	28.99 0.71 0.27	17.47 0.63 7.51
MAPLE_RIDGE_WT_1 323574	27.00 -0.31 0.00	25.54 -0.28 0.00	24.74 -0.20 0.00	25.00 -0.10 0.00	26.69 0.00 0.00	25.29 0.01 0.00	24.29 0.00 0.00	27.60 -0.01 0.00	24.42 0.00 0.00	23.63 0.01 0.00	24.03 0.00 0.00	25.97 -0.01 0.00	30.56 0.01 0.00	33.81 0.00 0.00	31.04 -0.03 0.00	34.33 -0.01 0.00	38.38 0.00 0.00	48.65 0.00 0.00	68.59 0.01 0.00	65.75 -0.03 0.00	47.29 -0.05 0.00	39.71 -0.06 0.00	28.52 -0.04 0.00	24.33 -0.02 0.00
MAPLE_RIDGE_WT_2 323611	27.00 -0.31 0.00	25.54 -0.28 0.00	24.74 -0.20 0.00	25.00 -0.10 0.00	26.69 0.00 0.00	25.29 0.01 0.00	24.29 0.00 0.00	27.60 -0.01 0.00	24.42 0.00 0.00	23.63 0.01 0.00	24.03 0.00 0.00	25.97 -0.01 0.00	30.56 0.01 0.00	33.81 0.00 0.00	31.04 -0.03 0.00	34.33 -0.01 0.00	38.38 0.00 0.00	48.65 0.00 0.00	68.59 0.01 0.00	65.75 -0.03 0.00	47.29 -0.05 0.00	39.71 -0.06 0.00	28.52 -0.04 0.00	24.33 -0.02 0.00
MARBLE_RIVER_WT_PWR 323696	28.12 0.80 0.00	26.56 0.74 0.00	25.68 0.74 0.00	25.82 0.73 0.00	27.47 0.78 0.00	26.25 0.98 0.00	25.28 0.99 0.00	28.74 1.13 0.00	25.38 0.96 0.00	24.48 0.87 0.00	25.01 0.98 0.00	27.20 1.22 0.00	31.87 1.33 0.00	35.34 1.53 0.00	32.37 1.30 0.00	35.88 1.54 0.00	40.20 1.82 0.00	50.87 2.22 0.00	72.18 3.60 0.00	69.79 4.02 0.00	50.11 2.77 0.00	41.73 1.96 0.00	29.75 1.20 0.00	25.35 1.00 0.00
MARSHVLE_115KV_TB1 80742	28.29 0.97 0.00	26.71 0.89 0.00	25.81 0.87 0.00	25.94 0.84 0.00	27.65 0.95 0.00	26.17 0.91 0.00	25.16 0.86 0.00	28.59 0.98 0.00	24.92 0.50 0.00	24.05 0.44 0.00	24.18 0.15 0.00	26.12 0.14 0.00	20.30 0.44 10.68	23.88 0.32 10.24	18.86 0.21 12.42	31.85 0.44 2.93	39.01 0.64 0.00	49.83 1.18 0.00	71.34 2.76 0.00	68.95 3.17 0.00	49.55 2.22 0.00	41.51 1.74 0.00	29.53 1.15 0.17	20.55 0.93 4.73
MARSH_HILL_WT_PWR 323713	27.52 0.21 0.00	26.09 0.27 0.00	24.92 -0.02 0.00	25.17 0.07 0.00	26.73 0.04 0.00	25.40 0.13 0.00	24.49 0.20 0.00	27.88 0.28 0.00	24.09 -0.33 0.00	23.27 -0.34 0.00	23.53 -0.49 0.00	25.54 -0.44 0.00	30.20 -0.35 0.00	33.35 -0.46 0.00	30.76 -0.31 0.00	33.59 -0.74 0.00	37.65 -0.73 0.00	47.81 -0.84 0.00	68.59 0.01 0.00	66.51 0.73 -0.01	47.62 0.28 0.00	40.11 0.34 0.00	28.89 0.33 0.00	24.41 0.06 0.00
MCINTYRE_115KV_TB2 80467	27.85 0.53 0.00	26.30 0.48 0.00	25.39 0.46 0.00	25.53 0.44 0.00	27.24 0.55 0.00	25.92 0.65 0.00	24.93 0.63 0.00	28.35 0.74 0.00	24.94 0.52 0.00	23.95 0.34 0.00	24.35 0.32 0.00	26.28 0.30 0.00	30.91 0.36 0.00	34.16 0.35 0.00	31.33 0.26 0.00	34.53 0.19 0.00	38.57 0.19 0.00	49.19 0.54 0.00	70.36 1.78 0.00	68.43 2.65 0.00	49.03 1.69 0.00	40.94 1.17 0.00	29.26 0.71 0.00	24.96 0.61 0.00
MECO_____69_KV_BK1 80468	28.68 1.37 0.00	27.06 1.24 0.00	26.13 1.19 0.00	26.26 1.17 0.00	27.96 1.27 0.00	26.46 1.20 0.00	25.46 1.16 0.00	28.91 1.30 0.00	25.08 0.66 0.00	23.88 0.27 0.00	24.02 0.00 0.00	25.94 -0.04 0.00	19.19 0.37 11.72	22.89 0.32 11.24	17.79 0.36 13.63	32.18 1.05 3.21	39.74 1.36 0.00	50.40 1.75 0.00	72.23 3.65 0.00	69.95 4.17 0.00	50.35 3.02 0.00	42.15 2.38 0.00	29.95 1.59 0.19	20.43 1.27 5.20
MENANDS___115KV_TB5 355628	27.87 0.56 0.00	26.33 0.51 0.00	25.45 0.52 0.00	25.58 0.49 0.00	27.15 0.46 0.00	25.71 0.44 0.00	24.72 0.43 0.00	28.05 0.45 0.00	24.84 0.42 0.00	23.99 0.38 0.00	24.41 0.38 0.00	26.37 0.40 0.00	14.21 0.52 16.85	18.19 0.54 16.16	11.99 0.52 19.60	30.45 0.73 4.62	39.19 0.81 0.00	49.48 0.82 0.00	69.53 0.94 0.00	66.68 0.90 0.00	48.20 0.86 0.00	40.49 0.72 0.00	28.78 0.50 0.27	17.35 0.46 7.47
MG INDUSTRY___DRP 24185	27.91 0.60 0.00	26.39 0.57 0.00	25.52 0.59 0.00	25.66 0.57 0.00	27.25 0.56 0.00	25.78 0.51 0.00	24.78 0.49 0.00	28.11 0.50 0.00	24.83 0.41 0.00	23.91 0.30 0.00	24.32 0.29 0.00	26.27 0.30 0.00	21.83 0.39 9.11	25.50 0.43 8.73	20.84 0.37 10.59	32.38 0.53 2.50	39.07 0.69 0.00	49.38 0.72 0.00	69.55 0.97 0.00	66.74 0.96 0.00	48.22 0.89 0.00	40.52 0.75 0.00	28.95 0.54 0.14	20.80 0.49 4.04

MID___OSWEGATCHIE_HYD 23849	27.45 0.13 0.00	25.88 0.06 0.00	25.08 0.14 0.00	25.38 0.28 0.00	27.26 0.57 0.00	25.90 0.63 0.00	24.89 0.59 0.00	28.30 0.69 0.00	24.91 0.49 0.00	24.00 0.39 0.00	24.39 0.37 0.00	26.26 0.29 0.00	30.74 0.19 0.00	34.02 0.21 0.00	31.26 0.20 0.00	34.47 0.13 0.00	38.52 0.14 0.00	49.29 0.64 0.00	70.47 1.89 0.00	68.27 2.49 -0.01	48.98 1.65 0.00	41.05 1.27 0.00	29.34 0.78 0.00	24.99 0.64 0.00
MID___RAQUETTE_HYD 23851	27.47 0.15 0.00	25.94 0.12 0.00	25.07 0.13 0.00	25.23 0.14 0.00	26.95 0.26 0.00	25.63 0.36 0.00	24.64 0.35 0.00	28.04 0.44 0.00	24.74 0.32 0.00	23.85 0.24 0.00	24.28 0.25 0.00	26.23 0.25 0.00	30.84 0.29 0.00	34.09 0.28 0.00	31.27 0.20 0.00	34.47 0.13 0.00	38.51 0.13 0.00	49.08 0.43 0.00	69.88 1.30 0.00	67.52 1.74 -0.01	48.40 1.06 0.00	40.47 0.70 0.00	28.93 0.38 0.00	24.69 0.34 0.00
MILLIKEN___1 23584	27.68 0.37 0.00	26.22 0.40 0.00	25.25 0.31 0.00	25.45 0.36 0.00	27.09 0.39 0.00	25.61 0.34 0.00	24.65 0.35 0.00	28.00 0.39 0.00	24.55 0.13 0.00	23.58 -0.03 0.00	23.94 -0.09 0.00	25.89 -0.09 0.00	30.46 -0.09 0.00	33.77 -0.04 0.00	31.13 0.06 0.00	34.36 0.03 0.00	38.43 0.06 0.00	49.14 0.49 0.00	69.72 1.14 0.00	67.06 1.27 -0.02	48.21 0.88 0.00	40.51 0.73 0.00	29.03 0.48 0.00	24.68 0.33 0.00
MILLIKEN___2 23585	27.68 0.37 0.00	26.22 0.40 0.00	25.25 0.31 0.00	25.45 0.36 0.00	27.09 0.39 0.00	25.61 0.34 0.00	24.65 0.35 0.00	28.00 0.39 0.00	24.55 0.13 0.00	23.58 -0.03 0.00	23.94 -0.09 0.00	25.89 -0.09 0.00	30.46 -0.09 0.00	33.77 -0.04 0.00	31.13 0.06 0.00	34.36 0.03 0.00	38.43 0.06 0.00	49.14 0.49 0.00	69.72 1.14 0.00	67.06 1.27 -0.02	48.21 0.88 0.00	40.51 0.73 0.00	29.03 0.48 0.00	24.68 0.33 0.00
MILLIKEN___DIESEL 23629	27.68 0.37 0.00	26.22 0.40 0.00	25.25 0.31 0.00	25.45 0.36 0.00	27.09 0.39 0.00	25.61 0.34 0.00	24.65 0.35 0.00	28.00 0.39 0.00	24.55 0.13 0.00	23.58 -0.03 0.00	23.94 -0.09 0.00	25.89 -0.09 0.00	30.46 -0.09 0.00	33.77 -0.04 0.00	31.13 0.06 0.00	34.36 0.03 0.00	38.43 0.06 0.00	49.14 0.49 0.00	69.72 1.14 0.00	67.06 1.27 -0.02	48.21 0.88 0.00	40.51 0.73 0.00	29.03 0.48 0.00	24.68 0.33 0.00
MILLSEAT___LFGE 323607	27.31 -0.01 0.00	25.96 0.14 0.00	24.86 -0.08 0.00	25.02 -0.07 0.00	26.69 -0.01 0.00	25.42 0.15 0.00	24.48 0.19 0.00	27.72 0.11 0.00	24.15 -0.27 0.00	23.41 -0.20 0.00	23.74 -0.29 0.00	25.83 -0.15 0.00	30.53 -0.01 0.00	33.71 -0.10 0.00	30.93 -0.14 0.00	34.01 -0.33 0.00	37.40 -0.98 0.00	47.65 -1.00 0.00	68.34 -0.24 0.00	65.77 -0.01 0.00	47.11 -0.22 0.00	39.62 -0.15 0.00	28.60 0.05 0.00	24.39 0.04 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.59 1.27 0.00	26.85 1.03 0.00	25.89 0.96 0.00	25.93 0.83 0.00	27.54 0.85 0.00	26.10 0.83 0.00	25.09 0.80 0.00	28.50 0.89 0.00	25.33 0.91 0.00	24.55 0.94 0.00	25.12 1.10 0.00	27.21 1.23 0.00	51.77 1.49 -19.73	54.45 1.72 -18.92	55.72 1.70 -22.95	41.65 1.91 -5.41	40.53 2.15 0.00	51.13 2.48 0.00	71.71 3.13 0.00	68.65 2.88 0.00	49.42 2.09 0.00	41.66 1.89 0.00	30.24 1.38 -0.31	34.24 1.14 -8.75
MILLWOOD_13_KV_LOAD 356217	28.62 1.31 0.00	26.89 1.07 0.00	25.93 0.99 0.00	25.96 0.87 0.00	27.58 0.88 0.00	26.13 0.87 0.00	25.12 0.82 0.00	28.53 0.93 0.00	25.35 0.93 0.00	24.59 0.97 0.00	25.15 1.12 0.00	27.24 1.26 0.00	51.81 1.53 -19.73	54.51 1.79 -18.92	55.76 1.74 -22.95	41.70 1.96 -5.41	40.60 2.22 0.00	51.23 2.57 0.00	71.86 3.28 0.00	68.78 3.01 0.00	49.51 2.18 0.00	41.74 1.97 0.00	30.29 1.43 -0.31	34.28 1.19 -8.75
MODEL_CITY_ENERGY 24167	26.62 -0.69 0.00	25.36 -0.45 0.00	24.28 -0.66 0.00	24.46 -0.64 0.00	26.10 -0.60 0.00	24.88 -0.39 0.00	23.97 -0.32 0.00	27.09 -0.52 0.00	23.65 -0.77 0.00	23.06 -0.55 0.00	23.34 -0.68 0.00	25.44 -0.54 0.00	30.07 -0.48 0.00	33.03 -0.77 0.00	30.35 -0.72 0.00	33.01 -1.33 0.00	36.53 -1.85 0.00	46.37 -2.29 0.00	66.16 -2.43 0.00	63.49 -2.29 0.00	45.47 -1.87 0.00	38.36 -1.41 0.00	27.78 -0.77 0.00	23.77 -0.58 0.00
MODERN_LFGE___ 323580	26.62 -0.69 0.00	25.36 -0.45 0.00	24.28 -0.66 0.00	24.46 -0.64 0.00	26.10 -0.60 0.00	24.88 -0.39 0.00	23.97 -0.32 0.00	27.09 -0.52 0.00	23.65 -0.77 0.00	23.06 -0.55 0.00	23.34 -0.68 0.00	25.44 -0.54 0.00	30.07 -0.48 0.00	33.03 -0.77 0.00	30.35 -0.72 0.00	33.01 -1.33 0.00	36.53 -1.85 0.00	46.37 -2.29 0.00	66.16 -2.43 0.00	63.49 -2.29 0.00	45.47 -1.87 0.00	38.36 -1.41 0.00	27.78 -0.77 0.00	23.77 -0.58 0.00
MOHAWK_PAPER___DRP 24187	28.04 0.72 0.00	26.48 0.66 0.00	25.59 0.65 0.00	25.72 0.63 0.00	27.31 0.61 0.00	25.86 0.58 0.00	24.86 0.56 0.00	28.21 0.60 0.00	24.97 0.55 0.00	24.11 0.50 0.00	24.51 0.48 0.00	26.48 0.50 0.00	14.27 0.66 16.94	18.28 0.71 16.24	12.06 0.69 19.70	30.64 0.95 4.64	39.45 1.08 0.00	49.82 1.17 0.00	70.08 1.49 0.00	67.21 1.44 0.00	48.58 1.24 0.00	40.80 1.03 0.00	28.99 0.71 0.27	17.47 0.63 7.51
MOHICAN___35_KV_115KV_LD 80490	29.73 2.42 0.00	27.99 2.17 0.00	26.97 2.04 0.00	27.09 2.00 0.00	28.81 2.11 0.00	27.34 2.07 0.00	26.37 2.07 0.00	29.98 2.37 0.00	26.38 1.96 0.00	25.31 1.70 0.00	25.34 1.32 0.00	27.32 1.35 0.00	11.65 1.80 20.69	16.09 2.12 19.84	9.02 2.02 24.06	31.42 2.75 5.67	41.62 3.24 0.00	52.77 4.11 0.00	74.88 6.30 0.00	71.94 6.17 0.00	52.10 4.76 0.00	43.64 3.87 0.00	30.87 2.65 0.33	17.41 2.23 9.17
MONGAUP___HYD 23641	28.48 1.17 0.00	26.79 0.97 0.00	25.83 0.90 0.00	25.91 0.81 0.00	27.53 0.83 0.00	26.06 0.79 0.00	25.05 0.76 0.00	28.47 0.86 0.00	25.17 0.75 0.00	24.22 0.61 0.00	24.69 0.67 0.00	26.73 0.75 0.00	47.92 0.91 -16.46	50.68 1.09 -15.78	51.49 1.27 -19.15	40.25 1.40 -4.51	40.08 1.70 0.00	50.71 2.06 0.00	71.57 2.99 0.00	68.72 2.94 0.00	49.49 2.16 0.00	41.64 1.87 0.00	30.12 1.31 -0.26	32.71 1.06 -7.30
MONTAUK___DIESEL 23721	29.64 2.33 0.00	27.77 1.95 0.00	26.77 1.84 0.00	26.74 1.65 0.00	28.28 1.59 0.00	26.86 1.59 0.00	25.83 1.54 0.00	29.16 1.55 0.00	26.15 1.73 0.00	25.49 1.87 0.00	26.22 2.19 0.00	28.41 2.43 0.00	53.59 2.94 -20.10	61.35 3.19 -24.35	63.21 3.11 -29.03	46.89 3.60 -8.95	46.26 4.10 -3.79	53.56 4.91 0.00	74.90 6.32 0.00	71.64 5.86 0.00	51.54 4.21 0.00	43.65 3.88 0.00	31.58 2.71 -0.32	35.27 2.09 -8.83
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.41 0.09 0.00	26.09 0.27 0.00	24.90 -0.04 0.00	25.20 0.10 0.00	26.86 0.17 0.00	25.51 0.24 0.00	24.50 0.20 0.00	27.96 0.35 0.00	24.33 -0.09 0.00	23.72 0.11 0.00	24.08 0.05 0.00	26.28 0.31 0.00	31.05 0.51 0.00	34.18 0.37 0.00	31.41 0.34 0.00	34.12 -0.22 0.00	37.85 -0.53 0.00	48.44 -0.22 0.00	69.11 0.53 0.00	66.38 0.60 0.00	47.24 -0.10 0.00	39.79 0.02 0.00	28.74 0.19 0.00	24.35 0.00 0.00

MORRIS_RIDGE___SOLAR 323848	27.19 -0.13 0.00	25.84 0.01 0.00	24.72 -0.21 0.00	24.99 -0.10 0.00	26.60 -0.10 0.00	25.23 -0.03 0.00	24.29 0.00 0.00	27.60 -0.01 0.00	23.83 -0.59 0.00	23.00 -0.61 0.00	23.29 -0.73 0.00	25.35 -0.63 0.00	29.96 -0.58 0.00	33.12 -0.69 0.00	30.53 -0.54 0.00	33.27 -1.07 0.00	37.24 -1.14 0.00	47.27 -1.39 0.00	67.87 -0.71 0.00	65.56 -0.22 -0.01	46.94 -0.39 0.00	39.59 -0.18 0.00	28.55 0.00 0.00	24.23 -0.12 0.00
MORTIMER_115KV_TB3 55949	27.23 -0.08 0.00	25.83 0.01 0.00	24.80 -0.14 0.00	24.97 -0.13 0.00	26.60 -0.09 0.00	25.28 0.01 0.00	24.32 0.03 0.00	27.62 0.01 0.00	24.20 -0.22 0.00	23.48 -0.13 0.00	23.85 -0.18 0.00	25.96 -0.02 0.00	30.66 0.11 0.00	33.83 0.02 0.00	31.08 0.02 0.00	33.94 -0.40 0.00	37.91 -0.47 0.00	48.31 -0.34 0.00	68.71 0.13 0.00	65.87 0.10 0.00	47.25 -0.08 0.00	39.67 -0.10 0.00	28.55 0.00 0.00	24.33 -0.02 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.78 1.47 0.00	27.02 1.20 0.00	26.04 1.11 0.00	26.06 0.97 0.00	27.69 0.99 0.00	26.24 0.97 0.00	25.22 0.92 0.00	28.65 1.05 0.00	25.49 1.08 0.00	24.74 1.13 0.00	25.32 1.29 0.00	27.42 1.45 0.00	52.21 1.74 -19.92	54.91 2.01 -19.09	56.20 1.97 -23.16	41.99 2.19 -5.45	40.85 2.47 0.00	51.49 2.84 0.00	72.17 3.59 0.00	69.07 3.30 0.00	49.72 2.39 0.00	41.95 2.18 0.00	30.46 1.60 -0.32	34.50 1.32 -8.83
MUNSVILLE_WIND_PWR 323609	28.91 1.59 0.00	27.34 1.52 0.00	26.27 1.33 0.00	26.47 1.38 0.00	28.19 1.50 0.00	26.73 1.46 0.00	25.74 1.44 0.00	29.11 1.50 0.00	25.49 1.08 0.00	24.53 0.92 0.00	24.67 0.64 0.00	26.67 0.70 0.00	31.41 0.86 0.00	34.87 1.06 0.00	32.29 1.22 0.00	35.64 1.30 0.00	39.93 1.56 0.00	51.59 2.93 0.00	73.55 4.98 0.00	70.98 5.19 -0.02	50.54 3.21 0.00	42.37 2.60 0.00	30.36 1.81 0.00	25.74 1.39 0.00
N SALMON___HYD 24042	27.91 0.60 0.00	26.39 0.57 0.00	25.48 0.54 0.00	25.61 0.52 0.00	27.29 0.60 0.00	26.02 0.75 0.00	25.02 0.73 0.00	28.49 0.88 0.00	25.18 0.76 0.00	24.31 0.70 0.00	24.78 0.75 0.00	26.79 0.81 0.00	31.47 0.92 0.00	34.83 1.03 0.00	31.88 0.82 0.00	35.24 0.90 0.00	39.49 1.11 0.00	50.21 1.56 0.00	71.39 2.81 0.00	68.97 3.19 0.00	49.52 2.18 0.00	41.29 1.52 0.00	29.42 0.87 0.00	25.09 0.74 0.00
N.AKRON__115KV_KNAPP 355671	27.20 -0.11 0.00	25.88 0.06 0.00	24.77 -0.16 0.00	24.93 -0.16 0.00	26.60 -0.09 0.00	25.34 0.07 0.00	24.41 0.11 0.00	27.62 0.01 0.00	24.08 -0.34 0.00	23.39 -0.22 0.00	23.83 -0.19 0.00	25.82 -0.16 0.00	30.50 -0.05 0.00	33.61 -0.19 0.00	30.85 -0.21 0.00	34.49 0.15 0.00	37.28 -1.09 0.00	47.45 -1.21 0.00	67.94 -0.64 0.00	65.35 -0.42 0.00	46.82 -0.52 0.00	39.39 -0.38 0.00	28.46 -0.09 0.00	24.29 -0.06 0.00
N.E_GEN_SANDY PD 24062	28.25 0.94 0.00	26.61 0.79 0.00	25.71 0.77 0.00	25.80 0.71 0.00	27.39 0.70 0.00	25.99 0.71 0.00	24.97 0.68 0.00	28.33 0.72 0.00	25.12 0.70 0.00	24.30 0.69 0.00	24.76 0.73 0.00	26.72 0.75 0.00	-130.79 0.88 162.22	-121.10 1.02 155.93	-157.39 0.93 189.39	148.30 1.19 -112.77	39.68 1.30 0.00	50.05 1.40 0.00	70.27 1.69 0.00	67.10 1.59 0.26	48.86 1.39 -0.14	40.93 1.16 0.00	26.81 0.83 2.57	-46.80 0.75 71.90
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.57 1.26 0.00	26.82 1.00 0.00	25.87 0.93 0.00	25.92 0.82 0.00	27.53 0.84 0.00	26.09 0.82 0.00	25.07 0.78 0.00	28.49 0.88 0.00	25.29 0.87 0.00	24.52 0.91 0.00	25.09 1.07 0.00	27.20 1.23 0.00	50.66 1.50 -18.62	53.41 1.75 -17.85	54.46 1.74 -21.65	41.38 1.94 -5.10	40.57 2.19 0.00	51.19 2.54 0.00	71.82 3.24 0.00	68.73 2.96 0.00	49.44 2.10 0.00	41.67 1.90 0.00	30.22 1.38 -0.30	33.75 1.15 -8.25
N.QUEENS_27_KV_LOAD 356247	28.82 1.50 0.00	27.04 1.22 0.00	26.08 1.14 0.00	26.04 0.95 0.00	27.71 1.01 0.00	26.25 0.98 0.00	25.28 0.99 0.00	28.66 1.05 0.00	25.57 1.15 0.00	24.80 1.19 0.00	25.34 1.32 0.00	27.47 1.49 0.00	52.24 1.77 -19.91	54.97 2.07 -19.09	56.24 2.01 -23.16	42.03 2.24 -5.45	40.86 2.49 0.00	51.56 2.90 0.00	72.28 3.70 0.00	69.17 3.40 0.00	49.83 2.49 0.00	42.11 2.34 0.00	30.56 1.69 -0.32	34.59 1.41 -8.83
N.TROY___115KV_TB1 355778	28.36 1.05 0.00	26.74 0.92 0.00	25.83 0.89 0.00	25.98 0.88 0.00	27.59 0.90 0.00	26.15 0.88 0.00	25.15 0.85 0.00	28.56 0.95 0.00	25.24 0.82 0.00	24.36 0.75 0.00	24.70 0.68 0.00	26.66 0.68 0.00	6.43 0.89 25.01	10.82 0.99 23.98	2.89 0.91 29.09	28.74 1.25 6.85	39.76 1.39 0.00	50.25 1.60 0.00	70.72 2.14 0.00	67.86 2.08 0.00	49.10 1.77 0.00	41.21 1.44 0.00	29.17 1.02 0.40	14.17 0.90 11.09
NARROWS_GT1_1 24228	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NARROWS_GT1_2 24229	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NARROWS_GT1_3 24230	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NARROWS_GT1_4 24231	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NARROWS_GT1_5 24232	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83

NARROWS_GT1_6 24233	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NARROWS_GT1_7 24234	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NARROWS_GT1_8 24235	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NARROWS_GT2_1 24236	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NARROWS_GT2_2 24237	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NARROWS_GT2_3 24238	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NARROWS_GT2_4 24239	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NARROWS_GT2_5 24240	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NARROWS_GT2_6 24241	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NARROWS_GT2_7 24242	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NARROWS_GT2_8 24243	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.77 3.12 0.00	72.52 3.93 0.00	69.39 3.62 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.21 0.90 0.00	26.66 0.84 0.00	25.77 0.83 0.00	25.90 0.80 0.00	27.50 0.81 0.00	26.03 0.76 0.00	25.05 0.76 0.00	28.45 0.84 0.00	25.11 0.69 0.00	24.10 0.49 0.00	24.43 0.40 0.00	26.38 0.40 0.00	24.77 0.62 6.41	28.28 0.61 6.14	24.19 0.57 7.45	33.57 0.99 1.76	39.66 1.28 0.00	50.23 1.57 0.00	70.89 2.31 0.00	68.15 2.37 0.00	49.23 1.89 0.00	41.23 1.46 0.00	29.42 0.98 0.10	22.33 0.81 2.84
NCHELSEA_115KV_TR2 355582	28.72 1.40 0.00	27.00 1.18 0.00	26.03 1.10 0.00	26.08 0.99 0.00	27.70 1.01 0.00	26.25 0.98 0.00	25.23 0.94 0.00	28.66 1.05 0.00	25.44 1.02 0.00	24.64 1.03 0.00	25.19 1.16 0.00	27.28 1.30 0.00	47.31 1.57 -15.19	50.23 1.86 -14.57	50.56 1.83 -17.67	40.59 2.09 -4.16	40.78 2.40 0.00	51.54 2.88 0.00	72.38 3.80 0.00	69.28 3.51 0.00	49.86 2.52 0.00	41.95 2.18 0.00	30.32 1.53 -0.24	32.33 1.24 -6.73
NEG CAPITAL___MECHNVIL 23645	28.98 1.66 0.00	27.30 1.48 0.00	26.34 1.41 0.00	26.49 1.40 0.00	28.15 1.46 0.00	26.68 1.42 0.00	25.69 1.39 0.00	29.18 1.57 0.00	25.72 1.31 0.00	24.78 1.16 0.00	25.04 1.02 0.00	27.04 1.07 0.00	9.98 1.41 21.97	14.36 1.62 21.07	7.02 1.51 25.56	30.37 2.05 6.02	40.72 2.35 0.00	51.56 2.90 0.00	72.82 4.24 0.00	69.89 4.11 0.00	50.51 3.18 0.00	42.33 2.56 0.00	29.97 1.76 0.35	16.10 1.49 9.74
NEG CENTRAL_HIGH_ACRES 23767	26.73 -0.59 0.00	25.33 -0.50 0.00	24.33 -0.60 0.00	24.51 -0.59 0.00	26.10 -0.59 0.00	24.79 -0.48 0.00	23.85 -0.44 0.00	27.09 -0.52 0.00	23.75 -0.67 0.00	23.02 -0.59 0.00	23.38 -0.64 0.00	25.42 -0.56 0.00	30.01 -0.54 0.00	33.14 -0.67 0.00	30.47 -0.60 0.00	33.32 -1.02 0.00	37.32 -1.06 0.00	47.54 -1.11 0.00	67.54 -1.05 0.00	64.75 -1.03 0.00	46.45 -0.89 0.00	38.96 -0.81 0.00	28.01 -0.54 0.00	23.86 -0.49 0.00



NEG CENTRAL___DRP 24199	27.41 0.09 0.00	25.98 0.17 0.00	24.98 0.05 0.00	25.20 0.10 0.00	26.80 0.11 0.00	25.38 0.11 0.00	24.44 0.14 0.00	27.78 0.17 0.00	24.31 -0.11 0.00	23.40 -0.21 0.00	23.75 -0.27 0.00	25.73 -0.24 0.00	30.35 -0.20 0.00	33.58 -0.22 0.00	30.93 -0.14 0.00	34.05 -0.29 0.00	38.04 -0.34 0.00	48.41 -0.24 0.00	68.90 0.31 0.00	66.28 0.48 -0.02	47.61 0.27 0.00	40.01 0.24 0.00	28.75 0.20 0.00	24.43 0.08 0.00
NEG CENTRAL___INDECK 23768	28.11 0.79 0.00	26.63 0.81 0.00	25.50 0.56 0.00	25.72 0.63 0.00	27.39 0.70 0.00	26.02 0.75 0.00	25.07 0.77 0.00	28.46 0.85 0.00	24.65 0.23 0.00	23.62 0.01 0.00	23.95 -0.07 0.00	26.06 0.09 0.00	30.83 0.28 0.00	34.06 0.25 0.00	31.48 0.41 0.00	34.27 -0.07 0.00	38.48 0.11 0.00	48.88 0.22 0.00	70.47 1.89 0.00	68.40 2.63 0.00	49.08 1.74 0.00	41.18 1.41 0.00	29.59 1.04 0.00	25.09 0.74 0.00
NEG CENTRAL___SENECA 23627	27.48 0.17 0.00	26.06 0.24 0.00	25.02 0.09 0.00	25.25 0.16 0.00	26.87 0.17 0.00	25.44 0.17 0.00	24.50 0.20 0.00	27.86 0.25 0.00	24.31 -0.11 0.00	23.43 -0.18 0.00	23.75 -0.27 0.00	25.77 -0.20 0.00	30.42 -0.13 0.00	33.65 -0.16 0.00	31.00 -0.07 0.00	34.07 -0.27 0.00	38.01 -0.37 0.00	48.49 -0.16 0.00	69.14 0.56 0.00	66.55 0.75 -0.01	47.73 0.39 0.00	40.13 0.36 0.00	28.90 0.35 0.00	24.51 0.16 0.00
NEG CENTRAL___STATE_STREET 24147	27.49 0.18 0.00	26.05 0.23 0.00	25.09 0.16 0.00	25.29 0.20 0.00	26.91 0.22 0.00	25.48 0.21 0.00	24.51 0.22 0.00	27.83 0.22 0.00	24.43 0.01 0.00	23.47 -0.14 0.00	23.90 -0.12 0.00	25.86 -0.12 0.00	30.44 -0.11 0.00	33.72 -0.09 0.00	31.05 -0.02 0.00	34.23 -0.10 0.00	38.28 -0.09 0.00	48.60 -0.05 0.00	69.11 0.53 0.00	66.19 0.39 -0.03	47.73 0.40 0.00	40.10 0.33 0.00	28.70 0.14 0.00	24.48 0.13 0.00
NEG MILLWOOD___DRP 24198	28.79 1.47 0.00	27.05 1.23 0.00	26.08 1.14 0.00	26.11 1.02 0.00	27.74 1.04 0.00	26.28 1.01 0.00	25.26 0.97 0.00	28.70 1.09 0.00	25.51 1.09 0.00	24.72 1.12 0.00	25.29 1.27 0.00	27.39 1.41 0.00	49.39 1.71 -17.14	52.24 2.00 -16.43	52.96 1.95 -19.93	41.27 2.24 -4.70	40.93 2.56 0.00	51.72 3.07 0.00	72.60 4.02 0.00	69.50 3.73 0.00	50.01 2.67 0.00	42.08 2.31 0.00	30.44 1.62 -0.27	33.27 1.32 -7.60
NEG NORTH_FLCN_SEA 23793	28.27 0.96 0.00	26.71 0.89 0.00	25.79 0.86 0.00	25.93 0.84 0.00	27.58 0.89 0.00	26.31 1.04 0.00	25.35 1.05 0.00	28.80 1.19 0.00	25.43 1.01 0.00	24.52 0.91 0.00	25.03 1.00 0.00	27.23 1.25 0.00	31.92 1.37 0.00	35.40 1.59 0.00	32.43 1.36 0.00	35.94 1.61 0.00	40.25 1.88 0.00	50.92 2.27 0.00	72.24 3.66 0.00	69.87 4.10 0.00	50.22 2.89 0.00	41.87 2.09 0.00	29.85 1.30 0.00	25.45 1.09 0.00
NEG NORTH_KES_CHATEGAY 23792	27.74 0.43 0.00	26.23 0.41 0.00	25.34 0.40 0.00	25.47 0.37 0.00	27.11 0.41 0.00	25.86 0.59 0.00	24.85 0.56 0.00	28.29 0.68 0.00	24.98 0.56 0.00	24.13 0.52 0.00	24.60 0.57 0.00	26.64 0.66 0.00	31.28 0.73 0.00	34.60 0.80 0.00	31.70 0.63 0.00	35.08 0.74 0.00	39.31 0.93 0.00	49.84 1.19 0.00	70.77 2.18 0.00	68.35 2.57 0.00	49.14 1.81 0.00	41.00 1.23 0.00	29.22 0.67 0.00	24.92 0.57 0.00
NEG NORTH___ALICE_FALLS 23915	28.25 0.94 0.00	26.69 0.87 0.00	25.77 0.84 0.00	25.90 0.81 0.00	27.56 0.87 0.00	26.29 1.02 0.00	25.32 1.03 0.00	28.79 1.18 0.00	25.42 1.00 0.00	24.47 0.86 0.00	24.98 0.96 0.00	27.21 1.23 0.00	31.85 1.31 0.00	35.32 1.51 0.00	32.32 1.26 0.00	35.79 1.46 0.00	40.17 1.79 0.00	50.82 2.17 0.00	72.25 3.67 0.00	69.90 4.12 0.00	50.23 2.89 0.00	41.86 2.08 0.00	29.82 1.27 0.00	25.42 1.07 0.00
NEG NORTH___LWR_SARANAC 23913	28.25 0.94 0.00	26.69 0.87 0.00	25.77 0.84 0.00	25.90 0.81 0.00	27.56 0.87 0.00	26.29 1.02 0.00	25.32 1.03 0.00	28.79 1.18 0.00	25.42 1.00 0.00	24.47 0.86 0.00	24.98 0.96 0.00	27.21 1.23 0.00	31.85 1.31 0.00	35.32 1.51 0.00	32.32 1.26 0.00	35.79 1.46 0.00	40.17 1.79 0.00	50.82 2.17 0.00	72.25 3.67 0.00	69.90 4.12 0.00	50.23 2.89 0.00	41.86 2.08 0.00	29.82 1.27 0.00	25.42 1.07 0.00
NEG NORTH___PLATTSBURG 23628	28.25 0.94 0.00	26.69 0.87 0.00	25.78 0.84 0.00	25.90 0.81 0.00	27.56 0.87 0.00	26.29 1.02 0.00	25.32 1.03 0.00	28.79 1.18 0.00	25.42 1.00 0.00	24.47 0.86 0.00	24.99 0.96 0.00	27.21 1.23 0.00	31.85 1.31 0.00	35.32 1.52 0.00	32.32 1.26 0.00	35.79 1.46 0.00	40.17 1.79 0.00	50.82 2.17 0.00	72.25 3.67 0.00	69.90 4.13 0.00	50.23 2.89 0.00	41.86 2.08 0.00	29.82 1.27 0.00	25.42 1.06 0.00
NEG WEST_LEA_LOCKPORT 23791	26.85 -0.46 0.00	25.56 -0.26 0.00	24.47 -0.47 0.00	24.65 -0.45 0.00	26.29 -0.40 0.00	25.06 -0.21 0.00	24.13 -0.16 0.00	27.31 -0.30 0.00	23.83 -0.59 0.00	23.22 -0.39 0.00	23.54 -0.48 0.00	25.65 -0.33 0.00	30.31 -0.23 0.00	33.33 -0.48 0.00	30.61 -0.46 0.00	33.35 -0.99 0.00	36.82 -1.55 0.00	46.82 -1.83 0.00	66.85 -1.73 0.00	64.17 -1.60 0.00	45.97 -1.37 0.00	38.74 -1.03 0.00	28.04 -0.51 0.00	23.99 -0.36 0.00
NEG WEST___LANCASTR 23811	26.84 -0.48 0.00	25.55 -0.27 0.00	24.44 -0.50 0.00	24.66 -0.43 0.00	26.29 -0.40 0.00	25.00 -0.27 0.00	24.06 -0.24 0.00	27.35 -0.26 0.00	23.86 -0.57 0.00	23.26 -0.35 0.00	23.64 -0.38 0.00	25.75 -0.23 0.00	30.44 -0.11 0.00	33.50 -0.31 0.00	30.78 -0.29 0.00	33.55 -0.79 0.00	37.23 -1.15 0.00	47.36 -1.30 0.00	67.45 -1.13 0.00	64.68 -1.10 0.00	46.25 -1.08 0.00	38.97 -0.80 0.00	28.19 -0.36 0.00	23.99 -0.36 0.00
NEG_PENN_ALLEGHNY 23528	27.45 0.14 0.00	26.03 0.20 0.00	25.04 0.10 0.00	25.29 0.20 0.00	26.90 0.20 0.00	25.40 0.13 0.00	24.42 0.12 0.00	27.77 0.16 0.00	24.37 -0.05 0.00	23.59 -0.02 0.00	23.99 -0.04 0.00	26.01 0.03 0.00	30.62 0.07 0.00	33.89 0.08 0.00	31.25 0.19 0.00	34.44 0.10 0.00	38.48 0.10 0.00	48.92 0.27 0.00	69.19 0.61 0.00	66.39 0.60 -0.01	47.65 0.31 0.00	40.15 0.37 0.00	28.85 0.30 0.00	24.47 0.12 0.00
NEG___GEN_MONROE 24207	27.39 0.07 0.00	25.98 0.16 0.00	24.97 0.04 0.00	25.10 0.01 0.00	26.77 0.07 0.00	25.42 0.15 0.00	24.47 0.18 0.00	27.81 0.20 0.00	24.32 -0.10 0.00	23.53 -0.09 0.00	23.87 -0.15 0.00	25.98 0.00 0.00	30.70 0.15 0.00	33.93 0.12 0.00	31.15 0.08 0.00	34.08 -0.25 0.00	37.94 -0.43 0.00	48.41 -0.24 0.00	69.06 0.48 0.00	66.33 0.55 0.00	47.55 0.21 0.00	39.91 0.14 0.00	28.72 0.17 0.00	24.48 0.13 0.00
NEPA___ENERGY 23901	26.79 -0.52 0.00	25.55 -0.27 0.00	24.38 -0.56 0.00	24.74 -0.35 0.00	26.35 -0.34 0.00	24.95 -0.32 0.00	23.98 -0.31 0.00	27.38 -0.23 0.00	23.76 -0.66 0.00	23.19 -0.42 0.00	23.55 -0.47 0.00	25.74 -0.23 0.00	30.37 -0.18 0.00	33.44 -0.37 0.00	30.86 -0.21 0.00	33.55 -0.78 0.00	37.19 -1.19 0.00	47.48 -1.17 0.00	67.63 -0.95 0.00	64.92 -0.85 0.00	46.23 -1.10 0.00	39.15 -0.62 0.00	28.28 -0.27 0.00	23.91 -0.44 0.00

NEVERSINK___HYD 23608	28.31 1.00 0.00	26.61 0.79 0.00	25.66 0.73 0.00	25.74 0.64 0.00	27.35 0.65 0.00	25.90 0.63 0.00	24.90 0.60 0.00	28.29 0.68 0.00	25.07 0.65 0.00	24.22 0.61 0.00	24.71 0.69 0.00	26.73 0.75 0.00	42.71 0.93 -11.23	45.60 1.03 -10.76	44.49 0.36 -13.06	37.84 0.43 -3.08	38.85 0.47 0.00	49.34 0.69 0.00	69.37 0.79 0.00	66.73 0.95 0.00	49.29 1.96 0.00	41.46 1.69 0.00	29.86 1.14 -0.18	30.22 0.89 -4.98
NEWKRMKL_115KV_TB1 55635	27.73 0.42 0.00	26.21 0.39 0.00	25.35 0.42 0.00	25.48 0.38 0.00	27.04 0.35 0.00	25.60 0.33 0.00	24.61 0.32 0.00	27.94 0.33 0.00	24.73 0.31 0.00	23.89 0.27 0.00	24.31 0.28 0.00	26.27 0.29 0.00	15.95 0.40 14.99	19.82 0.38 14.37	14.03 0.40 17.43	30.82 0.58 4.11	39.05 0.67 0.00	49.31 0.66 0.00	69.32 0.74 0.00	66.46 0.68 0.00	48.03 0.69 0.00	40.33 0.56 0.00	28.69 0.38 0.24	18.06 0.36 6.65
NEWTON___FALLS_HYD 23847	27.45 0.13 0.00	25.88 0.06 0.00	25.08 0.14 0.00	25.38 0.28 0.00	27.26 0.57 0.00	25.90 0.63 0.00	24.89 0.59 0.00	28.30 0.69 0.00	24.91 0.49 0.00	24.00 0.39 0.00	24.39 0.37 0.00	26.26 0.29 0.00	30.74 0.19 0.00	34.02 0.21 0.00	31.26 0.20 0.00	34.47 0.13 0.00	38.52 0.14 0.00	49.29 0.64 0.00	70.47 1.89 0.00	68.27 2.49 -0.01	48.98 1.65 0.00	41.05 1.27 0.00	29.34 0.78 0.00	24.99 0.64 0.00
NGRID_A1_DSASP 323792	26.66 -0.66 0.00	25.36 -0.46 0.00	24.29 -0.65 0.00	24.46 -0.63 0.00	26.11 -0.58 0.00	24.88 -0.39 0.00	23.94 -0.35 0.00	27.15 -0.46 0.00	23.71 -0.71 0.00	23.16 -0.46 0.00	23.49 -0.54 0.00	25.61 -0.36 0.00	30.27 -0.28 0.00	33.23 -0.58 0.00	30.51 -0.56 0.00	32.97 -1.37 0.00	36.48 -1.90 0.00	46.27 -2.38 0.00	65.92 -2.66 0.00	63.19 -2.58 0.00	45.25 -2.09 0.00	38.16 -1.61 0.00	27.67 -0.88 0.00	23.81 -0.54 0.00
NGRID_A2_DSASP 323793	26.66 -0.66 0.00	25.36 -0.46 0.00	24.29 -0.65 0.00	24.46 -0.63 0.00	26.11 -0.58 0.00	24.88 -0.39 0.00	23.94 -0.35 0.00	27.15 -0.46 0.00	23.71 -0.71 0.00	23.16 -0.46 0.00	23.49 -0.54 0.00	25.61 -0.36 0.00	30.27 -0.28 0.00	33.23 -0.58 0.00	30.51 -0.56 0.00	32.97 -1.37 0.00	36.48 -1.90 0.00	46.27 -2.38 0.00	65.92 -2.66 0.00	63.19 -2.58 0.00	45.25 -2.09 0.00	38.16 -1.61 0.00	27.67 -0.88 0.00	23.81 -0.54 0.00
NGRID_A4_DSASP 323807	26.66 -0.66 0.00	25.36 -0.46 0.00	24.29 -0.65 0.00	24.46 -0.63 0.00	26.11 -0.58 0.00	24.88 -0.39 0.00	23.94 -0.35 0.00	27.15 -0.46 0.00	23.71 -0.71 0.00	23.16 -0.46 0.00	23.49 -0.54 0.00	25.61 -0.36 0.00	30.27 -0.28 0.00	33.23 0.00 0.00	30.51 -0.56 0.00	32.97 -1.37 0.00	36.48 -1.90 0.00	46.27 0.00 0.00	65.92 -2.66 0.00	63.19 -2.58 0.00	45.25 -2.09 0.00	38.16 -1.61 0.00	27.67 -0.88 0.00	23.81 -0.54 0.00
NIAGARA_115E_LBMP 323715	26.49 -0.83 0.00	25.25 -0.56 0.00	24.17 -0.76 0.00	24.36 -0.74 0.00	25.98 -0.71 0.00	24.78 -0.49 0.00	23.88 -0.41 0.00	26.96 -0.65 0.00	23.55 -0.87 0.00	22.99 -0.62 0.00	23.24 -0.78 0.00	25.33 -0.64 0.00	29.94 -0.61 0.00	32.88 -0.93 0.00	30.22 -0.85 0.00	32.80 -1.53 0.00	36.34 -2.04 0.00	46.12 -2.53 0.00	65.75 -2.83 0.00	63.07 -2.70 0.00	45.19 -2.15 0.00	38.14 -1.63 0.00	27.63 -0.92 0.00	23.66 -0.70 0.00
NIAGARA_115W_LBMP 323714	26.62 -0.69 0.00	25.33 -0.49 0.00	24.26 -0.68 0.00	24.43 -0.66 0.00	26.08 -0.61 0.00	24.85 -0.42 0.00	23.91 -0.38 0.00	27.12 -0.49 0.00	23.68 -0.74 0.00	23.13 -0.48 0.00	23.46 -0.57 0.00	25.58 -0.40 0.00	30.22 -0.33 0.00	33.18 -0.63 0.00	30.46 -0.61 0.00	32.91 -1.43 0.00	36.41 -1.96 0.00	46.18 -2.47 0.00	65.79 -2.80 0.00	63.06 -2.72 0.00	45.15 -2.18 0.00	38.09 -1.68 0.00	27.61 -0.94 0.00	23.77 -0.58 0.00
NIAGARA_230_LBMP 323716	26.67 -0.64 0.00	25.38 -0.45 0.00	24.30 -0.63 0.00	24.49 -0.60 0.00	26.14 -0.56 0.00	24.90 -0.37 0.00	23.96 -0.34 0.00	27.18 -0.43 0.00	23.72 -0.70 0.00	23.16 -0.45 0.00	23.49 -0.53 0.00	25.61 -0.37 0.00	30.25 -0.29 0.00	33.22 -0.59 0.00	30.51 -0.56 0.00	33.09 -1.25 0.00	36.71 -1.67 0.00	46.57 -2.08 0.00	66.34 -2.24 0.00	63.60 -2.18 0.00	45.55 -1.79 0.00	38.39 -1.38 0.00	27.83 -0.72 0.00	23.83 -0.52 0.00
NIAGARA___115KV_198_GIBSON 55903	26.62 -0.69 0.00	25.33 -0.49 0.00	24.26 -0.68 0.00	24.43 -0.66 0.00	26.08 -0.61 0.00	24.85 -0.42 0.00	23.91 -0.39 0.00	27.12 -0.49 0.00	23.68 -0.74 0.00	23.12 -0.49 0.00	23.46 -0.57 0.00	25.58 -0.39 0.00	30.22 -0.33 0.00	33.18 -0.62 0.00	30.45 -0.62 0.00	32.92 -1.42 0.00	36.36 -2.02 0.00	46.18 -2.47 0.00	65.78 -2.80 0.00	63.06 -2.72 0.00	45.18 -2.15 0.00	38.10 -1.67 0.00	27.61 -0.94 0.00	23.78 -0.57 0.00
NIAGARA____ 23760	26.67 -0.64 0.00	25.38 -0.45 0.00	24.30 -0.63 0.00	24.49 -0.60 0.00	26.14 -0.56 0.00	24.90 -0.37 0.00	23.96 -0.34 0.00	27.18 -0.43 0.00	23.72 -0.70 0.00	23.16 -0.45 0.00	23.49 -0.53 0.00	25.61 -0.37 0.00	30.25 -0.29 0.00	33.22 -0.59 0.00	30.51 -0.56 0.00	33.09 -1.25 0.00	36.71 -1.67 0.00	46.57 -2.08 0.00	66.34 -2.24 0.00	63.60 -2.18 0.00	45.55 -1.79 0.00	38.39 -1.38 0.00	27.83 -0.72 0.00	23.83 -0.52 0.00
NINE_MILE_1 23575	26.57 -0.74 0.00	25.19 -0.64 0.00	24.29 -0.64 0.00	24.47 -0.62 0.00	26.04 -0.66 0.00	24.65 -0.62 0.00	23.71 -0.58 0.00	26.93 -0.68 0.00	23.75 -0.67 0.00	22.96 -0.64 0.00	23.35 -0.68 0.00	25.22 -0.76 0.00	29.56 -0.98 0.00	32.74 -1.07 0.00	30.10 -0.97 0.00	33.20 -1.14 0.00	37.12 -1.26 0.00	47.11 -1.54 0.00	66.47 -2.11 0.00	63.55 -2.01 0.21	45.94 -1.40 0.00	38.61 -1.16 0.00	27.73 -0.82 0.00	23.65 -0.71 0.00
NINE_MILE_2 23744	26.57 -0.74 0.00	25.19 -0.64 0.00	24.30 -0.64 0.00	24.47 -0.62 0.00	26.04 -0.66 0.00	24.65 -0.62 0.00	23.71 -0.58 0.00	26.93 -0.68 0.00	23.75 -0.67 0.00	22.97 -0.64 0.00	23.35 -0.68 0.00	25.22 -0.76 0.00	29.56 -0.98 0.00	32.74 -1.07 0.00	30.11 -0.96 0.00	33.20 -1.14 0.00	37.12 -1.26 0.00	47.11 -1.54 0.00	66.47 -2.11 0.00	63.55 -2.01 0.21	45.94 -1.40 0.00	38.61 -1.16 0.00	27.73 -0.82 0.00	23.65 -0.71 0.00
NM_CAPITAL___DRP 24208	27.80 0.49 0.00	26.27 0.45 0.00	25.40 0.47 0.00	25.53 0.43 0.00	27.09 0.40 0.00	25.65 0.38 0.00	24.66 0.37 0.00	27.99 0.38 0.00	24.78 0.36 0.00	23.95 0.33 0.00	24.36 0.33 0.00	26.32 0.34 0.00	14.33 0.45 16.67	18.28 0.46 15.98	12.13 0.45 19.38	30.42 0.65 4.57	39.09 0.71 0.00	49.34 0.69 0.00	69.35 0.77 0.00	66.49 0.72 0.00	48.08 0.74 0.00	40.38 0.61 0.00	28.72 0.43 0.26	17.37 0.41 7.39
NM_CENTRAL___DRP 24181	27.09 -0.22 0.00	25.65 -0.17 0.00	24.74 -0.20 0.00	24.92 -0.17 0.00	26.51 -0.18 0.00	25.09 -0.18 0.00	24.14 -0.15 0.00	27.42 -0.19 0.00	24.14 -0.27 0.00	23.34 -0.27 0.00	23.74 -0.29 0.00	25.65 -0.33 0.00	30.13 -0.42 0.00	33.38 -0.43 0.00	30.72 -0.35 0.00	33.86 -0.48 0.00	37.82 -0.55 0.00	48.06 -0.59 0.00	67.88 -0.70 0.00	65.14 -0.65 -0.02	46.87 -0.47 0.00	39.37 -0.40 0.00	28.31 -0.24 0.00	24.13 -0.22 0.00

NM_FRONTIER___DRP 24179	26.62 -0.69 0.00	25.33 -0.49 0.00	24.26 -0.68 0.00	24.43 -0.66 0.00	26.08 -0.61 0.00	24.85 -0.42 0.00	23.91 -0.39 0.00	27.12 -0.49 0.00	23.68 -0.74 0.00	23.12 -0.49 0.00	23.46 -0.57 0.00	25.58 -0.39 0.00	30.22 -0.33 0.00	33.18 -0.62 0.00	30.45 -0.62 0.00	32.92 -1.42 0.00	36.36 -2.02 0.00	46.18 -2.47 0.00	65.78 -2.80 0.00	63.06 -2.72 0.00	45.18 -2.15 0.00	38.10 -1.67 0.00	27.61 -0.94 0.00	23.78 -0.57 0.00
NM_ST_REGIS___HYD 24053	27.60 0.28 0.00	26.07 0.25 0.00	25.19 0.25 0.00	25.35 0.26 0.00	27.06 0.37 0.00	25.75 0.48 0.00	24.76 0.46 0.00	28.18 0.57 0.00	24.87 0.45 0.00	23.97 0.36 0.00	24.42 0.39 0.00	26.39 0.41 0.00	31.01 0.46 0.00	34.29 0.49 0.00	31.43 0.37 0.00	34.68 0.34 0.00	38.78 0.40 0.00	49.39 0.74 0.00	70.30 1.72 0.00	67.95 2.18 0.00	48.75 1.41 0.00	40.72 0.95 0.00	29.09 0.53 0.00	24.82 0.46 0.00
NORTHPORT___1 23551	28.83 1.52 0.00	27.03 1.21 0.00	26.06 1.12 0.00	26.02 0.93 0.00	27.58 0.89 0.00	26.15 0.88 0.00	25.13 0.84 0.00	28.46 0.85 0.00	25.43 1.01 0.00	24.71 1.10 0.00	25.34 1.31 0.00	27.49 1.51 0.00	52.55 1.91 -20.10	60.14 2.05 -24.27	62.08 2.06 -28.95	45.36 2.12 -8.90	44.32 2.21 -3.73	50.94 2.28 0.00	71.18 2.60 0.00	68.20 2.43 0.00	49.23 1.90 0.00	41.86 2.09 0.00	30.48 1.61 -0.32	34.50 1.32 -8.83
NORTHPORT___2 23552	28.83 1.52 0.00	27.03 1.21 0.00	26.06 1.12 0.00	26.02 0.93 0.00	27.58 0.89 0.00	26.15 0.88 0.00	25.13 0.84 0.00	28.46 0.85 0.00	25.43 1.01 0.00	24.71 1.10 0.00	25.34 1.31 0.00	27.49 1.51 0.00	52.55 1.91 -20.10	60.14 2.05 -24.27	62.08 2.06 -28.95	45.36 2.12 -8.90	44.32 2.21 -3.73	50.94 2.28 0.00	71.18 2.60 0.00	68.20 2.43 0.00	49.23 1.90 0.00	41.86 2.09 0.00	30.48 1.61 -0.32	34.50 1.32 -8.83
NORTHPORT___3 23553	28.62 1.31 0.00	26.84 1.02 0.00	25.86 0.92 0.00	25.84 0.75 0.00	27.38 0.69 0.00	25.96 0.69 0.00	24.94 0.65 0.00	28.23 0.62 0.00	25.22 0.80 0.00	24.52 0.90 0.00	25.17 1.15 0.00	27.29 1.32 0.00	52.31 1.66 -20.10	59.96 1.83 -24.32	61.92 1.85 -29.00	45.07 1.80 -8.93	43.90 1.76 -3.77	50.35 1.70 0.00	70.39 1.81 0.00	67.43 1.66 0.00	48.64 1.30 0.00	41.42 1.65 0.00	30.27 1.40 -0.32	34.34 1.16 -8.83
NORTHPORT___4 23650	28.62 1.31 0.00	26.84 1.02 0.00	25.86 0.92 0.00	25.84 0.75 0.00	27.38 0.69 0.00	25.96 0.69 0.00	24.94 0.65 0.00	28.23 0.62 0.00	25.22 0.80 0.00	24.52 0.90 0.00	25.17 1.15 0.00	27.29 1.32 0.00	52.31 1.66 -20.10	59.96 1.83 -24.32	61.92 1.85 -29.00	45.07 1.80 -8.93	43.90 1.76 -3.77	50.35 1.70 0.00	70.39 1.81 0.00	67.43 1.66 0.00	48.64 1.30 0.00	41.42 1.65 0.00	30.27 1.40 -0.32	34.34 1.16 -8.83
NORTHPORT___IC 23718	28.83 1.52 0.00	27.03 1.21 0.00	26.06 1.12 0.00	26.02 0.93 0.00	27.59 0.89 0.00	26.14 0.87 0.00	25.13 0.84 0.00	28.46 0.85 0.00	25.43 1.01 0.00	24.71 1.10 0.00	25.34 1.32 0.00	27.49 1.51 0.00	52.53 1.89 -20.10	60.13 2.05 -24.27	62.04 2.03 -28.95	45.34 2.11 -8.90	44.32 2.21 -3.73	50.94 2.28 0.00	71.18 2.60 0.00	68.20 2.43 0.00	49.23 1.90 0.00	41.86 2.09 0.00	30.48 1.61 -0.32	34.48 1.30 -8.83
NORTH___COUNTRY_ESR 323785	27.64 0.32 0.00	26.15 0.33 0.00	25.26 0.32 0.00	25.39 0.30 0.00	27.03 0.33 0.00	25.76 0.50 0.00	24.78 0.48 0.00	28.19 0.59 0.00	24.93 0.51 0.00	24.09 0.48 0.00	24.56 0.54 0.00	26.63 0.65 0.00	31.28 0.73 0.00	34.59 0.78 0.00	31.68 0.61 0.00	35.07 0.73 0.00	39.25 0.87 0.00	49.78 1.13 0.00	70.57 1.99 0.00	68.06 2.29 0.00	48.88 1.54 0.00	40.78 1.01 0.00	29.09 0.54 0.00	24.81 0.45 0.00
NPX_GEN_1385_PROXY 323591	28.72 1.41 0.00	26.93 1.11 0.00	26.00 1.07 0.00	25.93 0.84 0.00	27.48 0.79 0.00	26.11 0.84 0.00	24.74 0.75 0.30	28.39 0.78 0.00	25.43 1.01 0.00	24.69 1.08 0.00	25.10 1.08 0.00	27.25 1.28 0.00	52.25 1.60 -20.10	59.72 1.64 -24.27	61.77 1.76 -28.95	20.49 1.49 15.34	43.64 1.53 -3.73	50.16 1.51 0.00	70.16 1.58 0.00	68.16 1.65 -0.73	48.87 1.53 0.00	41.86 2.09 0.00	30.43 1.56 -0.32	34.43 1.25 -8.83
NPX_GEN_CSC 323557	28.60 1.29 0.00	26.79 0.97 0.00	25.81 0.88 0.00	25.77 0.67 0.00	27.27 0.58 0.00	25.88 0.61 0.00	24.60 0.61 0.30	28.15 0.54 0.00	25.20 0.78 0.00	24.51 0.90 0.00	25.16 1.14 0.00	27.27 1.29 0.00	52.35 1.70 -20.10	60.01 1.85 -24.35	61.98 1.88 -29.03	45.39 2.11 -8.95	44.48 2.32 -3.78	51.20 2.54 0.00	71.59 3.01 0.00	69.30 2.80 -0.73	49.46 2.13 0.00	41.93 2.16 0.00	30.41 1.55 -0.32	34.38 1.20 -8.83
NSINS_S_GLNS_FALLS 23858	29.78 2.46 0.00	28.03 2.20 0.00	27.01 2.07 0.00	27.13 2.03 0.00	28.85 2.15 0.00	27.37 2.10 0.00	26.39 2.10 0.00	30.01 2.41 0.00	26.41 1.99 0.00	25.35 1.74 0.00	25.36 1.33 0.00	27.35 1.38 0.00	11.87 1.83 20.51	16.30 2.16 19.67	9.26 2.05 23.86	31.52 2.80 5.62	41.69 3.31 0.00	52.84 4.19 0.00	75.07 6.49 0.00	72.10 6.32 0.00	52.21 4.87 0.00	43.72 3.95 0.00	30.92 2.70 0.33	17.53 2.27 9.09
NUCOR_STEEL___DRP 24197	27.47 0.16 0.00	26.03 0.21 0.00	25.07 0.14 0.00	25.27 0.18 0.00	26.90 0.20 0.00	25.46 0.19 0.00	24.50 0.20 0.00	27.81 0.20 0.00	24.43 0.01 0.00	23.45 -0.16 0.00	23.91 -0.12 0.00	25.86 -0.11 0.00	30.44 -0.11 0.00	33.72 -0.09 0.00	31.04 -0.03 0.00	34.23 -0.11 0.00	38.28 -0.09 0.00	48.56 -0.09 0.00	69.04 0.46 0.00	66.07 0.27 -0.03	47.68 0.35 0.00	40.07 0.30 0.00	28.65 0.09 0.00	24.45 0.10 0.00
NUMBER_THREE_WT_PWR 323818	27.37 0.06 0.00	25.75 -0.07 0.00	25.05 0.11 0.00	25.47 0.38 0.00	27.53 0.84 0.00	26.15 0.88 0.00	25.12 0.83 0.00	28.54 0.93 0.00	25.08 0.67 0.00	24.14 0.53 0.00	24.51 0.48 0.00	26.35 0.38 0.00	30.75 0.20 0.00	34.07 0.26 0.00	31.33 0.26 0.00	34.59 0.25 0.00	38.66 0.29 0.00	49.60 0.95 0.00	71.00 2.42 0.00	68.90 3.11 -0.01	49.47 2.13 0.00	41.55 1.78 0.00	29.69 1.14 0.00	25.27 0.91 0.00
NYISO_LBMP_REFERENCE 24008	27.31 0.00 0.00	25.82 0.00 0.00	24.94 0.00 0.00	25.09 0.00 0.00	26.69 0.00 0.00	25.27 0.00 0.00	24.30 0.00 0.00	27.61 0.00 0.00	24.42 0.00 0.00	23.61 0.00 0.00	24.03 0.00 0.00	25.98 0.00 0.00	30.55 0.00 0.00	33.81 0.00 0.00	31.07 0.00 0.00	34.34 0.00 0.00	38.38 0.00 0.00	48.65 0.00 0.00	68.58 0.00 0.00	65.77 0.00 0.00	47.34 0.00 0.00	39.77 0.00 0.00	28.55 0.00 0.00	24.35 0.00 0.00
NYPA_BRENTWD____GT 24164	29.11 1.79 0.00	27.28 1.46 0.00	26.28 1.35 0.00	26.25 1.15 0.00	27.80 1.11 0.00	26.37 1.10 0.00	25.35 1.05 0.00	28.70 1.10 0.00	25.66 1.24 0.00	24.91 1.30 0.00	25.57 1.54 0.00	27.76 1.78 0.00	52.91 2.26 -20.10	60.72 2.47 -24.44	62.64 2.45 -29.13	45.98 2.63 -9.01	45.11 2.88 -3.85	51.80 3.15 0.00	72.27 3.68 0.00	69.24 3.47 0.00	50.04 2.71 0.00	42.50 2.73 0.00	30.86 1.99 -0.32	34.79 1.61 -8.83

NYPA_GOWANUS____GT5 24156	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.76 3.10 0.00	72.51 3.93 0.00	69.38 3.61 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NYPA_GOWANUS____GT6 24157	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.85 1.24 0.00	25.44 1.41 0.00	27.59 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.43 2.20 -23.16	42.16 2.37 -5.45	41.06 2.68 0.00	51.76 3.10 0.00	72.51 3.93 0.00	69.38 3.61 0.00	49.93 2.60 0.00	42.17 2.40 0.00	30.57 1.71 -0.32	34.62 1.45 -8.83
NYPA_HARLEM__RVR__GT1 24160	28.79 1.48 0.00	27.03 1.21 0.00	26.06 1.12 0.00	26.03 0.94 0.00	27.70 1.00 0.00	26.24 0.97 0.00	25.27 0.97 0.00	28.64 1.03 0.00	25.55 1.13 0.00	24.75 1.15 0.00	25.31 1.28 0.00	27.43 1.45 0.00	52.20 1.73 -19.91	54.92 2.02 -19.09	56.21 1.97 -23.16	41.97 2.18 -5.45	40.79 2.41 0.00	51.45 2.80 0.00	72.14 3.56 0.00	69.04 3.27 0.00	49.73 2.39 0.00	42.02 2.25 0.00	30.51 1.64 -0.32	34.55 1.38 -8.83
NYPA_HARLEM__RVR__GT2 24161	28.79 1.48 0.00	27.03 1.21 0.00	26.06 1.12 0.00	26.03 0.94 0.00	27.70 1.00 0.00	26.24 0.97 0.00	25.27 0.97 0.00	28.64 1.03 0.00	25.55 1.13 0.00	24.75 1.15 0.00	25.31 1.28 0.00	27.43 1.45 0.00	52.20 1.73 -19.91	54.92 2.02 -19.09	56.21 1.97 -23.16	41.97 2.18 -5.45	40.79 2.41 0.00	51.45 2.80 0.00	72.14 3.56 0.00	69.04 3.27 0.00	49.73 2.39 0.00	42.02 2.25 0.00	30.51 1.64 -0.32	34.55 1.38 -8.83
NYPA_KENT____GT 24152	28.89 1.58 0.00	27.12 1.30 0.00	26.14 1.20 0.00	26.14 1.05 0.00	27.79 1.10 0.00	26.34 1.07 0.00	25.32 1.03 0.00	28.76 1.16 0.00	25.61 1.19 0.00	24.83 1.22 0.00	25.42 1.39 0.00	27.56 1.58 0.00	52.35 1.89 -19.91	55.08 2.18 -19.09	56.38 2.15 -23.16	42.13 2.34 -5.45	40.99 2.61 0.00	51.67 3.02 0.00	72.38 3.80 0.00	69.26 3.49 0.00	49.85 2.51 0.00	42.13 2.36 0.00	30.56 1.70 -0.32	34.61 1.43 -8.83
NYPA_POUCH1____GT 24155	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.06 0.00	27.80 1.11 0.00	26.35 1.09 0.00	25.34 1.05 0.00	28.79 1.18 0.00	25.62 1.20 0.00	24.84 1.23 0.00	25.41 1.39 0.00	27.57 1.59 0.00	52.37 1.90 -19.91	55.10 2.20 -19.09	56.41 2.18 -23.16	42.13 2.34 -5.45	41.05 2.68 0.00	51.75 3.10 0.00	72.44 3.86 0.00	69.27 3.50 0.00	49.84 2.51 0.00	42.07 2.30 0.00	30.48 1.62 -0.32	34.55 1.37 -8.83
NYPA_VERNON____GT2 24162	28.86 1.55 0.00	27.10 1.28 0.00	26.12 1.19 0.00	26.12 1.03 0.00	27.77 1.07 0.00	26.32 1.05 0.00	25.31 1.01 0.00	28.74 1.13 0.00	25.59 1.17 0.00	24.82 1.21 0.00	25.40 1.38 0.00	27.52 1.54 0.00	52.32 1.86 -19.91	55.05 2.15 -19.09	56.34 2.11 -23.16	42.10 2.31 -5.45	40.95 2.58 0.00	51.62 2.97 0.00	72.31 3.72 0.00	69.20 3.42 0.00	49.82 2.48 0.00	42.09 2.32 0.00	30.55 1.69 -0.32	34.58 1.41 -8.83
NYPA_VERNON____GT3 24163	28.86 1.55 0.00	27.10 1.28 0.00	26.12 1.19 0.00	26.12 1.03 0.00	27.77 1.07 0.00	26.32 1.05 0.00	25.31 1.01 0.00	28.74 1.13 0.00	25.59 1.17 0.00	24.82 1.21 0.00	25.40 1.38 0.00	27.52 1.54 0.00	52.32 1.86 -19.91	55.05 2.15 -19.09	56.34 2.11 -23.16	42.10 2.31 -5.45	40.95 2.58 0.00	51.62 2.97 0.00	72.31 3.72 0.00	69.20 3.42 0.00	49.82 2.48 0.00	42.09 2.32 0.00	30.55 1.69 -0.32	34.58 1.41 -8.83
NYPA____ASTORIA_CC1 323568	28.82 1.51 0.00	27.06 1.24 0.00	26.09 1.15 0.00	26.08 0.99 0.00	27.74 1.04 0.00	26.29 1.02 0.00	25.28 0.98 0.00	28.68 1.08 0.00	25.56 1.14 0.00	24.79 1.17 0.00	25.36 1.33 0.00	27.47 1.50 0.00	52.26 1.80 -19.91	54.98 2.08 -19.09	56.28 2.05 -23.16	42.05 2.25 -5.45	40.89 2.52 0.00	51.54 2.88 0.00	72.20 3.61 0.00	69.08 3.31 0.00	49.75 2.41 0.00	42.02 2.25 0.00	30.50 1.64 -0.32	34.55 1.37 -8.83
NYPA____ASTORIA_CC2 323569	28.82 1.51 0.00	27.06 1.24 0.00	26.09 1.15 0.00	26.08 0.99 0.00	27.74 1.04 0.00	26.29 1.02 0.00	25.28 0.98 0.00	28.68 1.08 0.00	25.56 1.14 0.00	24.79 1.17 0.00	25.36 1.33 0.00	27.47 1.50 0.00	52.26 1.80 -19.91	54.98 2.08 -19.09	56.28 2.05 -23.16	42.05 2.25 -5.45	40.89 2.52 0.00	51.54 2.88 0.00	72.20 3.61 0.00	69.08 3.31 0.00	49.75 2.41 0.00	42.02 2.25 0.00	30.50 1.64 -0.32	34.55 1.37 -8.83
NYPA____HOLTSVILL 23794	28.86 1.55 0.00	27.05 1.23 0.00	26.07 1.13 0.00	26.03 0.94 0.00	27.56 0.87 0.00	26.15 0.88 0.00	25.15 0.85 0.00	28.45 0.84 0.00	25.45 1.03 0.00	24.74 1.13 0.00	25.38 1.35 0.00	27.52 1.54 0.00	52.62 1.98 -20.10	60.28 2.13 -24.34	62.20 2.11 -29.02	45.58 2.30 -8.94	44.65 2.49 -3.78	51.35 2.70 0.00	71.75 3.17 0.00	68.73 2.95 0.00	49.60 2.26 0.00	42.08 2.31 0.00	30.55 1.68 -0.32	34.50 1.32 -8.83
NYPA____HELLGATE_GT1 24158	28.79 1.48 0.00	27.03 1.21 0.00	26.06 1.12 0.00	26.03 0.94 0.00	27.70 1.00 0.00	26.24 0.97 0.00	25.27 0.97 0.00	28.64 1.03 0.00	25.55 1.13 0.00	24.75 1.15 0.00	25.31 1.28 0.00	27.43 1.45 0.00	52.20 1.73 -19.91	54.92 2.02 -19.09	56.21 1.97 -23.16	41.97 2.18 -5.45	40.79 2.41 0.00	51.45 2.80 0.00	72.14 3.56 0.00	69.04 3.27 0.00	49.73 2.40 0.00	42.02 2.25 0.00	30.51 1.64 -0.32	34.55 1.38 -8.83
NYPA____HELLGATE_GT2 24159	28.79 1.48 0.00	27.03 1.21 0.00	26.06 1.12 0.00	26.03 0.94 0.00	27.70 1.00 0.00	26.24 0.97 0.00	25.27 0.97 0.00	28.64 1.03 0.00	25.55 1.13 0.00	24.75 1.15 0.00	25.31 1.28 0.00	27.43 1.45 0.00	52.20 1.73 -19.91	54.92 2.02 -19.09	56.21 1.97 -23.16	41.97 2.18 -5.45	40.79 2.41 0.00	51.45 2.80 0.00	72.14 3.56 0.00	69.04 3.27 0.00	49.73 2.40 0.00	42.02 2.25 0.00	30.51 1.64 -0.32	34.55 1.38 -8.83
NYS_BARGE____HYD 23848	26.86 -0.46 0.00	25.57 -0.25 0.00	24.47 -0.47 0.00	24.65 -0.45 0.00	26.30 -0.40 0.00	25.06 -0.21 0.00	24.14 -0.15 0.00	27.31 -0.30 0.00	23.82 -0.60 0.00	23.22 -0.39 0.00	23.52 -0.50 0.00	25.62 -0.36 0.00	30.29 -0.26 0.00	33.30 -0.51 0.00	30.59 -0.48 0.00	33.37 -0.97 0.00	36.86 -1.52 0.00	46.81 -1.84 0.00	66.85 -1.73 0.00	64.21 -1.57 0.00	45.97 -1.37 0.00	38.75 -1.02 0.00	28.04 -0.51 0.00	23.98 -0.37 0.00
OAK ORCHARD____HYD 24046	27.23 -0.08 0.00	25.83 0.01 0.00	24.80 -0.13 0.00	24.97 -0.13 0.00	26.60 -0.09 0.00	25.28 0.01 0.00	24.32 0.03 0.00	27.62 0.01 0.00	24.21 -0.21 0.00	23.48 -0.13 0.00	23.84 -0.18 0.00	25.96 -0.02 0.00	30.66 0.11 0.00	33.82 0.02 0.00	31.09 0.02 0.00	33.94 -0.40 0.00	37.94 -0.44 0.00	48.31 -0.35 0.00	68.72 0.13 0.00	65.87 0.10 0.00	47.24 -0.09 0.00	39.67 -0.10 0.00	28.55 0.00 0.00	24.33 -0.03 0.00

OAKDALE___35_KV_LOAD 356122	27.34 0.02 0.00	25.92 0.10 0.00	24.95 0.01 0.00	25.20 0.10 0.00	26.80 0.10 0.00	25.30 0.03 0.00	24.32 0.03 0.00	27.66 0.05 0.00	24.28 -0.14 0.00	23.51 -0.10 0.00	23.91 -0.11 0.00	25.92 -0.06 0.00	30.51 -0.04 0.00	33.76 -0.05 0.00	31.12 0.05 0.00	34.28 -0.05 0.00	38.30 -0.08 0.00	48.67 0.01 0.00	68.79 0.21 0.00	66.00 0.21 -0.01	47.39 0.05 0.00	39.94 0.17 0.00	28.72 0.16 0.00	24.37 0.02 0.00
OCC_CHEM___DRP 24175	26.66 -0.66 0.00	25.36 -0.46 0.00	24.29 -0.65 0.00	24.46 -0.63 0.00	26.11 -0.58 0.00	24.88 -0.38 0.00	23.94 -0.35 0.00	27.16 -0.45 0.00	23.71 -0.71 0.00	23.15 -0.46 0.00	23.49 -0.54 0.00	25.61 -0.36 0.00	30.27 -0.28 0.00	33.23 -0.58 0.00	30.50 -0.57 0.00	32.97 -1.37 0.00	36.43 -1.94 0.00	46.27 -2.38 0.00	65.92 -2.67 0.00	63.19 -2.59 0.00	45.27 -2.07 0.00	38.16 -1.61 0.00	27.67 -0.88 0.00	23.81 -0.54 0.00
OH_GEN_PROXY 24063	26.67 -0.65 0.00	25.37 -0.45 0.00	24.30 -0.63 0.00	24.49 -0.61 0.00	26.13 -0.56 0.00	24.89 -0.38 0.00	23.65 -0.34 0.30	27.18 -0.43 0.00	23.74 -0.68 0.00	23.17 -0.44 0.00	23.52 -0.51 0.00	25.63 -0.35 0.00	30.28 -0.26 0.00	33.26 -0.55 0.00	30.54 -0.53 0.00	33.15 -1.19 0.00	36.79 -1.58 0.00	46.69 -1.96 0.00	66.51 -2.07 0.00	64.50 -2.01 -0.73	72.42 -1.69 -26.77	38.46 -1.31 0.00	27.86 -0.69 0.00	23.83 -0.52 0.00
OLIN_CORP_DRP 24177	26.54 -0.78 0.00	25.29 -0.53 0.00	24.21 -0.72 0.00	24.39 -0.70 0.00	26.02 -0.67 0.00	24.81 -0.46 0.00	23.91 -0.38 0.00	27.01 -0.59 0.00	23.59 -0.83 0.00	23.02 -0.59 0.00	23.30 -0.73 0.00	25.40 -0.57 0.00	30.01 -0.54 0.00	32.96 -0.85 0.00	30.27 -0.79 0.00	32.88 -1.46 0.00	36.38 -2.00 0.00	46.22 -2.43 0.00	65.92 -2.66 0.00	63.21 -2.56 0.00	45.31 -2.03 0.00	38.22 -1.55 0.00	27.68 -0.87 0.00	23.71 -0.64 0.00
OLIN_CORP_DSASP 323712	26.66 -0.66 0.00	25.36 -0.46 0.00	24.29 -0.65 0.00	24.46 -0.63 0.00	26.11 -0.58 0.00	24.88 -0.39 0.00	23.94 -0.35 0.00	27.15 -0.46 0.00	23.71 -0.71 0.00	23.16 -0.46 0.00	23.49 -0.54 0.00	25.61 -0.36 0.00	30.27 -0.28 0.00	33.23 -0.58 0.00	30.51 -0.56 0.00	32.97 -1.37 0.00	36.48 -1.90 0.00	46.27 -2.38 0.00	65.92 -2.66 0.00	63.19 -2.58 0.00	45.25 -2.09 0.00	38.16 -1.61 0.00	27.67 -0.88 0.00	23.81 -0.54 0.00
ONEIDA_HERK_LFGE 323681	27.69 0.38 0.00	26.13 0.30 0.00	25.30 0.36 0.00	25.56 0.46 0.00	27.39 0.70 0.00	25.96 0.69 0.00	24.96 0.66 0.00	28.36 0.75 0.00	25.00 0.58 0.00	24.12 0.51 0.00	24.47 0.45 0.00	26.35 0.37 0.00	30.89 0.34 0.00	34.30 0.49 0.00	31.47 0.40 0.00	34.84 0.50 0.00	38.96 0.58 0.00	49.81 1.16 0.00	70.77 2.19 0.00	68.22 2.44 -0.01	49.03 1.70 0.00	41.17 1.40 0.00	29.47 0.92 0.00	25.07 0.72 0.00
ONEIDA___115KV_TB4 55905	27.91 0.60 0.00	26.37 0.54 0.00	25.44 0.50 0.00	25.63 0.54 0.00	27.35 0.65 0.00	25.90 0.63 0.00	24.92 0.62 0.00	28.31 0.70 0.00	24.97 0.55 0.00	24.11 0.50 0.00	24.41 0.38 0.00	26.30 0.32 0.00	30.91 0.36 0.00	34.37 0.57 0.00	31.52 0.45 0.00	34.91 0.57 0.00	39.10 0.73 0.00	49.94 1.28 0.00	70.81 2.23 0.00	68.11 2.32 -0.01	48.98 1.64 0.00	41.10 1.33 0.00	29.47 0.92 0.00	25.06 0.71 0.00
ONONDAGA_REF_OCCRA 23987	27.24 -0.07 0.00	25.80 -0.02 0.00	24.87 -0.06 0.00	25.06 -0.04 0.00	26.66 -0.04 0.00	25.22 -0.04 0.00	24.26 -0.03 0.00	27.56 -0.05 0.00	24.26 -0.16 0.00	23.42 -0.19 0.00	23.82 -0.21 0.00	25.74 -0.23 0.00	30.25 -0.30 0.00	33.52 -0.29 0.00	30.86 -0.21 0.00	34.04 -0.30 0.00	38.08 -0.30 0.00	48.40 -0.26 0.00	68.37 -0.21 0.00	65.66 -0.14 -0.02	47.23 -0.10 0.00	39.67 -0.10 0.00	28.51 -0.05 0.00	24.28 -0.07 0.00
ONONDAGA___COGEN 23986	27.22 -0.09 0.00	25.78 -0.04 0.00	24.87 -0.07 0.00	25.05 -0.05 0.00	26.65 -0.04 0.00	25.22 -0.05 0.00	24.26 -0.03 0.00	27.55 -0.06 0.00	24.24 -0.18 0.00	23.40 -0.20 0.00	23.82 -0.21 0.00	25.74 -0.23 0.00	30.25 -0.30 0.00	33.51 -0.29 0.00	30.85 -0.22 0.00	34.04 -0.30 0.00	38.06 -0.32 0.00	48.35 -0.31 0.00	68.37 -0.21 0.00	65.61 -0.20 -0.04	47.21 -0.13 0.00	39.65 -0.12 0.00	28.47 -0.08 0.00	24.25 -0.10 0.00
ONTARIO___LFGE 23819	27.48 0.17 0.00	26.06 0.24 0.00	25.02 0.09 0.00	25.25 0.16 0.00	26.87 0.18 0.00	25.44 0.18 0.00	24.50 0.20 0.00	27.86 0.26 0.00	24.32 -0.10 0.00	23.43 -0.18 0.00	23.75 -0.28 0.00	25.77 -0.20 0.00	30.42 -0.13 0.00	33.64 -0.16 0.00	31.00 -0.07 0.00	34.07 -0.27 0.00	38.02 -0.36 0.00	48.49 -0.16 0.00	69.14 0.56 0.00	66.55 0.76 -0.01	47.73 0.39 0.00	40.13 0.37 0.00	28.90 0.35 0.00	24.51 0.16 0.00
ORANGEVILLE_WT_PWR 323706	27.07 -0.24 0.00	25.75 -0.07 0.00	24.63 -0.30 0.00	24.88 -0.21 0.00	26.50 -0.19 0.00	25.18 -0.08 0.00	24.24 -0.05 0.00	27.54 -0.07 0.00	23.88 -0.54 0.00	23.14 -0.47 0.00	23.45 -0.57 0.00	25.55 -0.43 0.00	30.19 -0.36 0.00	33.29 -0.52 0.00	30.66 -0.41 0.00	33.36 -0.97 0.00	37.21 -1.17 0.00	47.23 -1.43 0.00	67.64 -0.94 0.00	65.13 -0.64 0.00	46.65 -0.69 0.00	39.32 -0.45 0.00	28.39 -0.16 0.00	24.16 -0.19 0.00
ORANGEVILLE___ESR 323794	27.07 -0.24 0.00	25.75 -0.07 0.00	24.63 -0.30 0.00	24.88 -0.21 0.00	26.50 -0.19 0.00	25.18 -0.08 0.00	24.24 -0.05 0.00	27.54 -0.07 0.00	23.88 -0.54 0.00	23.14 -0.47 0.00	23.45 -0.57 0.00	25.55 -0.43 0.00	30.19 -0.36 0.00	33.29 -0.52 0.00	30.66 -0.41 0.00	33.36 -0.97 0.00	37.21 -1.17 0.00	47.23 -1.43 0.00	67.64 -0.94 0.00	65.13 -0.64 0.00	46.65 -0.69 0.00	39.32 -0.45 0.00	28.39 -0.16 0.00	24.16 -0.19 0.00
OSWEGATCHIE___HYD 24044	27.45 0.13 0.00	25.88 0.06 0.00	25.08 0.14 0.00	25.38 0.28 0.00	27.26 0.57 0.00	25.90 0.63 0.00	24.89 0.59 0.00	28.30 0.69 0.00	24.91 0.49 0.00	24.00 0.39 0.00	24.39 0.37 0.00	26.26 0.29 0.00	30.74 0.19 0.00	34.02 0.21 0.00	31.26 0.20 0.00	34.47 0.13 0.00	38.52 0.14 0.00	49.29 0.64 0.00	70.47 1.89 0.00	68.27 2.49 -0.01	48.98 1.65 0.00	41.04 1.27 0.00	29.34 0.78 0.00	24.99 0.63 0.00
OSWEGO___5 23606	26.76 -0.55 0.00	25.36 -0.46 0.00	24.47 -0.47 0.00	24.64 -0.46 0.00	26.22 -0.47 0.00	24.81 -0.46 0.00	23.87 -0.42 0.00	27.12 -0.49 0.00	23.90 -0.51 0.00	23.11 -0.50 0.00	23.49 -0.53 0.00	25.38 -0.59 0.00	29.79 -0.76 0.00	32.98 -0.83 0.00	30.34 -0.73 0.00	33.46 -0.88 0.00	37.40 -0.97 0.00	47.47 -1.19 0.00	67.03 -1.56 0.00	64.46 -1.47 -0.15	46.31 -1.03 0.00	38.92 -0.85 0.00	27.96 -0.59 0.00	23.83 -0.52 0.00
OSWEGO___6 23613	26.76 -0.55 0.00	25.36 -0.46 0.00	24.47 -0.47 0.00	24.64 -0.46 0.00	26.22 -0.47 0.00	24.81 -0.46 0.00	23.87 -0.42 0.00	27.12 -0.49 0.00	23.90 -0.51 0.00	23.11 -0.50 0.00	23.49 -0.53 0.00	25.38 -0.59 0.00	29.79 -0.76 0.00	32.98 -0.83 0.00	30.34 -0.73 0.00	33.46 -0.88 0.00	37.40 -0.97 0.00	47.47 -1.19 0.00	67.03 -1.56 0.00	64.46 -1.47 -0.15	46.31 -1.03 0.00	38.92 -0.85 0.00	27.96 -0.59 0.00	23.83 -0.52 0.00

OUTOKUMPU-AB___DRP 24206	27.09 -0.22 0.00	25.77 -0.05 0.00	24.65 -0.29 0.00	24.80 -0.29 0.00	26.47 -0.22 0.00	25.21 -0.06 0.00	24.26 -0.03 0.00	27.51 -0.10 0.00	24.01 -0.41 0.00	23.41 -0.20 0.00	23.75 -0.27 0.00	25.91 -0.07 0.00	30.64 0.09 0.00	33.69 -0.12 0.00	30.96 -0.11 0.00	33.62 -0.72 0.00	37.19 -1.19 0.00	47.30 -1.35 0.00	67.46 -1.12 0.00	64.72 -1.06 0.00	46.31 -1.03 0.00	39.00 -0.77 0.00	28.23 -0.32 0.00	24.16 -0.19 0.00
OXBOW___BTM 323836	26.86 -0.45 0.00	25.55 -0.27 0.00	24.45 -0.48 0.00	24.62 -0.48 0.00	26.27 -0.42 0.00	25.03 -0.24 0.00	24.09 -0.21 0.00	27.32 -0.29 0.00	23.84 -0.58 0.00	23.27 -0.34 0.00	23.62 -0.41 0.00	25.75 -0.22 0.00	30.45 -0.10 0.00	33.46 -0.34 0.00	30.75 -0.32 0.00	33.30 -1.04 0.00	36.87 -1.51 0.00	46.81 -1.85 0.00	66.72 -1.86 0.00	63.98 -1.79 0.00	45.78 -1.55 0.00	38.59 -1.18 0.00	27.95 -0.61 0.00	23.97 -0.38 0.00
OXBOW___ 24026	26.86 -0.45 0.00	25.55 -0.27 0.00	24.45 -0.48 0.00	24.62 -0.48 0.00	26.27 -0.42 0.00	25.03 -0.24 0.00	24.08 -0.21 0.00	27.32 -0.29 0.00	23.84 -0.58 0.00	23.27 -0.34 0.00	23.62 -0.41 0.00	25.75 -0.22 0.00	30.45 -0.10 0.00	33.47 -0.34 0.00	30.74 -0.33 0.00	33.30 -1.04 0.00	36.82 -1.56 0.00	46.81 -1.85 0.00	66.72 -1.86 0.00	63.98 -1.79 0.00	45.81 -1.53 0.00	38.60 -1.18 0.00	27.95 -0.61 0.00	23.98 -0.37 0.00
OXY_CHEM_DSASP 323612	26.66 -0.66 0.00	25.36 -0.46 0.00	24.29 -0.65 0.00	24.46 -0.63 0.00	26.11 -0.58 0.00	24.88 -0.38 0.00	23.94 -0.35 0.00	27.16 -0.45 0.00	23.71 -0.71 0.00	23.15 -0.46 0.00	23.49 -0.54 0.00	25.61 -0.36 0.00	30.27 -0.28 0.00	33.23 -0.58 0.00	30.50 -0.57 0.00	32.97 -1.37 0.00	36.43 -1.94 0.00	46.27 -2.38 0.00	65.92 -2.67 0.00	63.19 -2.59 0.00	45.27 -2.07 0.00	38.16 -1.61 0.00	27.67 -0.88 0.00	23.81 -0.54 0.00
OZONE_PARK_ESR 323760	29.07 1.76 0.00	27.28 1.46 0.00	26.28 1.34 0.00	26.29 1.20 0.00	27.93 1.24 0.00	26.47 1.20 0.00	25.43 1.14 0.00	28.91 1.31 0.00	25.73 1.31 0.00	24.98 1.37 0.00	25.58 1.56 0.00	27.72 1.74 0.00	52.56 2.10 -19.91	55.30 2.40 -19.09	56.58 2.35 -23.16	42.39 2.60 -5.45	41.32 2.94 0.00	52.10 3.45 0.00	73.04 4.46 0.00	69.90 4.13 0.00	50.31 2.97 0.00	42.46 2.69 0.00	30.82 1.95 -0.32	34.78 1.60 -8.83
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.66 -0.66 0.00	25.36 -0.46 0.00	24.29 -0.65 0.00	24.46 -0.63 0.00	26.11 -0.58 0.00	24.88 -0.38 0.00	23.94 -0.35 0.00	27.16 -0.45 0.00	23.71 -0.71 0.00	23.15 -0.46 0.00	23.49 -0.54 0.00	25.61 -0.36 0.00	30.27 -0.28 0.00	33.23 -0.58 0.00	30.50 -0.57 0.00	32.97 -1.37 0.00	36.43 -1.94 0.00	46.27 -2.38 0.00	65.92 -2.67 0.00	63.19 -2.59 0.00	45.27 -2.07 0.00	38.16 -1.61 0.00	27.67 -0.88 0.00	23.81 -0.54 0.00
PACKARD__115KV_DUPONT_184 80571	26.66 -0.66 0.00	25.36 -0.46 0.00	24.29 -0.65 0.00	24.46 -0.63 0.00	26.11 -0.58 0.00	24.88 -0.38 0.00	23.94 -0.35 0.00	27.16 -0.45 0.00	23.71 -0.71 0.00	23.15 -0.46 0.00	23.49 -0.54 0.00	25.61 -0.36 0.00	30.27 -0.28 0.00	33.23 -0.58 0.00	30.50 -0.57 0.00	32.97 -1.37 0.00	36.43 -1.94 0.00	46.27 -2.38 0.00	65.92 -2.67 0.00	63.19 -2.59 0.00	45.27 -2.07 0.00	38.16 -1.61 0.00	27.67 -0.88 0.00	23.81 -0.54 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.85 1.53 0.00	27.08 1.26 0.00	26.11 1.17 0.00	26.09 1.00 0.00	27.75 1.06 0.00	26.30 1.03 0.00	25.31 1.01 0.00	28.70 1.09 0.00	25.57 1.15 0.00	24.78 1.17 0.00	25.33 1.31 0.00	27.46 1.49 0.00	52.24 1.78 -19.91	54.99 2.08 -19.09	56.27 2.04 -23.16	42.04 2.24 -5.45	40.89 2.51 0.00	51.57 2.92 0.00	72.32 3.74 0.00	69.20 3.43 0.00	49.83 2.49 0.00	42.08 2.31 0.00	30.52 1.65 -0.32	34.55 1.38 -8.83
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.62 2.30 0.00	27.83 2.01 0.00	26.83 1.89 0.00	26.81 1.72 0.00	28.56 1.87 0.00	27.08 1.81 0.00	26.06 1.76 0.00	29.48 1.87 0.00	26.27 1.84 0.00	25.44 1.84 0.00	26.00 1.98 0.00	28.20 2.22 0.00	53.10 2.64 -19.91	55.94 3.04 -19.09	57.13 2.90 -23.16	43.00 3.21 -5.45	41.98 3.60 0.00	52.94 4.29 0.00	74.23 5.65 0.00	71.02 5.25 0.00	51.14 3.80 0.00	43.19 3.42 0.00	31.33 2.46 -0.32	35.24 2.06 -8.83
PATROON__115KV_TB1 80586	27.82 0.50 0.00	26.29 0.47 0.00	25.43 0.49 0.00	25.55 0.46 0.00	27.12 0.43 0.00	25.68 0.41 0.00	24.69 0.39 0.00	28.02 0.41 0.00	24.80 0.38 0.00	23.96 0.34 0.00	24.37 0.34 0.00	26.34 0.37 0.00	15.54 0.50 15.50	19.44 0.50 14.86	13.54 0.50 18.03	30.80 0.71 4.25	39.18 0.81 0.00	49.48 0.83 0.00	69.58 1.00 0.00	66.70 0.92 0.00	48.19 0.85 0.00	40.47 0.70 0.00	28.79 0.49 0.25	17.91 0.43 6.87
PATTRSNVILLE___SOLAR 323815	28.16 0.85 0.00	26.57 0.74 0.00	25.66 0.73 0.00	25.81 0.72 0.00	27.45 0.75 0.00	25.97 0.70 0.00	24.97 0.68 0.00	28.35 0.74 0.00	24.88 0.46 0.00	23.89 0.28 0.00	24.21 0.18 0.00	26.15 0.17 0.00	17.96 0.37 12.96	21.79 0.41 12.43	16.32 0.33 15.07	31.55 0.76 3.55	39.31 0.93 0.00	49.88 1.22 0.00	70.51 1.93 0.00	67.84 2.07 0.00	48.92 1.59 0.00	41.07 1.31 0.00	29.25 0.90 0.21	19.36 0.75 5.74
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.00 -0.32 0.00	25.69 -0.13 0.00	24.57 -0.36 0.00	24.78 -0.32 0.00	26.43 -0.26 0.00	25.14 -0.13 0.00	24.19 -0.11 0.00	27.48 -0.13 0.00	23.97 -0.45 0.00	23.38 -0.23 0.00	23.74 -0.28 0.00	25.89 -0.09 0.00	30.62 0.07 0.00	33.70 -0.11 0.00	30.99 -0.08 0.00	33.75 -0.59 0.00	37.45 -0.93 0.00	47.66 -0.99 0.00	67.93 -0.64 0.00	65.13 -0.64 0.00	46.57 -0.77 0.00	39.21 -0.56 0.00	28.36 -0.19 0.00	24.14 -0.21 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.79 1.47 0.00	27.05 1.23 0.00	26.08 1.14 0.00	26.11 1.02 0.00	27.74 1.04 0.00	26.28 1.01 0.00	25.26 0.97 0.00	28.70 1.09 0.00	25.51 1.09 0.00	24.72 1.12 0.00	25.29 1.27 0.00	27.39 1.41 0.00	49.39 1.71 -17.14	52.24 2.00 -16.43	52.96 1.95 -19.93	41.27 2.24 -4.70	40.93 2.56 0.00	51.72 3.07 0.00	72.60 4.02 0.00	69.50 3.73 0.00	50.01 2.67 0.00	42.08 2.31 0.00	30.44 1.62 -0.27	33.27 1.32 -7.60
PEEKSKILL___ 23653	28.56 1.25 0.00	26.82 1.00 0.00	25.86 0.93 0.00	25.90 0.81 0.00	27.52 0.83 0.00	26.08 0.81 0.00	25.07 0.77 0.00	28.48 0.87 0.00	25.30 0.89 0.00	24.53 0.92 0.00	25.10 1.07 0.00	27.18 1.20 0.00	51.54 1.45 -19.54	54.23 1.69 -18.73	55.47 1.68 -22.72	41.57 1.88 -5.35	40.48 2.11 0.00	51.09 2.44 0.00	71.68 3.10 0.00	68.60 2.83 0.00	49.38 2.04 0.00	41.63 1.86 0.00	30.21 1.35 -0.31	34.15 1.14 -8.66
PGE MADISON___WINDPWR 24146	28.91 1.59 0.00	27.34 1.52 0.00	26.27 1.33 0.00	26.47 1.38 0.00	28.19 1.50 0.00	26.73 1.46 0.00	25.74 1.44 0.00	29.11 1.50 0.00	25.49 1.07 0.00	24.53 0.92 0.00	24.67 0.64 0.00	26.67 0.70 0.00	31.41 0.86 0.00	34.87 1.06 0.00	32.29 1.22 0.00	35.64 1.30 0.00	39.93 1.55 0.00	51.59 2.93 0.00	73.55 4.98 0.00	70.98 5.19 -0.02	50.55 3.21 0.00	42.37 2.60 0.00	30.36 1.81 0.00	25.74 1.39 0.00

PIERCEFIELD___HYD 23852	27.47 0.15 0.00	25.94 0.12 0.00	25.07 0.13 0.00	25.23 0.14 0.00	26.95 0.26 0.00	25.63 0.36 0.00	24.64 0.35 0.00	28.04 0.44 0.00	24.74 0.32 0.00	23.85 0.24 0.00	24.28 0.25 0.00	26.23 0.25 0.00	30.84 0.29 0.00	34.09 0.28 0.00	31.27 0.20 0.00	34.47 0.13 0.00	38.51 0.13 0.00	49.08 0.43 0.00	69.88 1.30 0.00	67.52 1.74 -0.01	48.40 1.06 0.00	40.47 0.70 0.00	28.93 0.38 0.00	24.69 0.34 0.00
PINELAWN_CC_1 323563	28.98 1.66 0.00	27.17 1.35 0.00	26.16 1.22 0.00	26.13 1.04 0.00	27.70 1.01 0.00	26.26 0.99 0.00	25.24 0.95 0.00	28.59 0.97 0.00	25.52 1.11 0.00	24.79 1.18 0.00	25.44 1.42 0.00	27.58 1.60 0.00	52.67 2.01 -20.12	60.90 2.20 -24.89	62.88 2.18 -29.63	46.02 2.38 -9.31	45.14 2.59 -4.17	51.55 2.90 0.00	72.15 3.57 0.00	69.12 3.35 0.00	49.84 2.51 0.00	42.24 2.47 0.00	30.68 1.81 -0.32	34.64 1.46 -8.83
PJM_GEN_HTTP_PROXY 323702	28.78 1.46 0.00	27.01 1.19 0.00	26.03 1.10 0.00	26.04 0.95 0.00	27.68 0.99 0.00	26.24 0.96 0.00	25.21 0.91 0.00	28.65 1.05 0.00	25.49 1.08 0.00	24.73 1.13 0.00	25.33 1.30 0.00	27.42 1.45 0.00	52.20 1.74 -19.91	54.90 2.00 -19.09	56.21 1.98 -23.16	57.84 2.19 -21.31	40.84 2.46 0.00	51.49 2.83 0.00	72.15 3.56 0.00	69.05 3.27 0.00	49.69 2.36 0.00	41.94 2.17 0.00	30.45 1.58 -0.32	34.49 1.32 -8.82
PJM_GEN_KEystone 24065	27.59 0.27 0.00	26.07 0.25 0.00	25.06 0.12 0.00	25.19 0.09 0.00	26.81 0.11 0.00	25.44 0.16 0.00	24.45 0.15 0.00	30.87 0.20 -3.06	22.43 0.06 2.05	23.78 0.18 0.00	24.26 0.23 0.00	26.34 0.36 0.00	41.49 0.53 -10.42	44.35 0.56 -9.98	43.76 0.58 -12.11	53.46 0.42 -18.71	38.75 0.37 0.00	49.03 0.37 0.00	69.24 0.66 0.00	71.50 0.58 -5.14	43.58 0.23 3.99	40.16 0.39 0.00	29.11 0.40 -0.16	29.26 0.29 -4.62
PJM_GEN_NEPTUNE_PROXY 323594	28.67 1.35 0.00	26.89 1.07 0.00	25.91 0.97 0.00	25.91 0.81 0.00	27.48 0.78 0.00	26.05 0.77 0.00	25.02 0.73 0.00	28.37 0.76 0.00	25.31 0.89 0.00	24.59 0.98 0.00	25.23 1.20 0.00	27.35 1.37 0.00	52.35 1.71 -20.09	59.67 1.88 -23.98	61.56 1.87 -28.62	60.89 1.99 -24.56	44.05 2.15 -3.52	51.00 2.34 0.00	71.34 2.76 0.00	68.35 2.57 0.00	49.28 1.95 0.00	41.77 2.00 0.00	30.35 1.48 -0.32	34.37 1.19 -8.83
PJM_GEN_VFT_PROXY 323633	28.69 1.37 0.00	26.91 1.09 0.00	25.94 1.01 0.00	25.95 0.85 0.00	27.58 0.88 0.00	26.14 0.87 0.00	25.12 0.82 0.00	28.55 0.94 0.00	25.40 0.98 0.00	24.65 1.04 0.00	25.24 1.21 0.00	27.34 1.37 0.00	52.10 1.63 -19.91	54.80 1.90 -19.09	56.12 1.89 -23.16	57.73 2.08 -21.31	40.72 2.34 0.00	51.32 2.67 0.00	71.96 3.38 0.00	68.88 3.11 0.00	49.55 2.22 0.00	41.84 2.06 0.00	30.38 1.52 -0.32	34.44 1.27 -8.83
PLATSBURG_115KV_PMLD1 355749	28.26 0.94 0.00	26.69 0.87 0.00	25.78 0.84 0.00	25.92 0.83 0.00	27.57 0.87 0.00	26.31 1.04 0.00	25.33 1.03 0.00	28.79 1.18 0.00	25.42 1.00 0.00	24.51 0.90 0.00	25.02 1.00 0.00	27.21 1.23 0.00	31.90 1.36 0.00	35.38 1.57 0.00	32.40 1.34 0.00	35.92 1.58 0.00	40.24 1.87 0.00	50.90 2.25 0.00	72.19 3.61 0.00	69.82 4.05 0.00	50.19 2.85 0.00	41.84 2.07 0.00	29.83 1.28 0.00	25.43 1.08 0.00
PLEASANTVLY___LBMP 24000	28.42 1.11 0.00	26.73 0.91 0.00	25.79 0.85 0.00	25.84 0.75 0.00	27.44 0.75 0.00	26.00 0.73 0.00	24.99 0.70 0.00	28.37 0.76 0.00	25.20 0.78 0.00	24.41 0.80 0.00	24.96 0.94 0.00	27.01 1.03 0.00	54.10 1.23 -22.33	56.65 1.44 -21.41	58.43 1.39 -25.97	42.06 1.61 -6.12	40.19 1.81 0.00	50.75 2.10 0.00	71.20 2.62 0.00	68.15 2.38 0.00	49.10 1.76 0.00	41.35 1.58 0.00	30.03 1.13 -0.35	35.20 0.95 -9.90
PLSNTVLE_13_KV_13.8KVDIST 80602	28.65 1.33 0.00	26.92 1.10 0.00	25.95 1.02 0.00	25.99 0.89 0.00	27.60 0.91 0.00	26.16 0.88 0.00	25.14 0.85 0.00	28.56 0.95 0.00	25.38 0.96 0.00	24.61 1.00 0.00	25.18 1.16 0.00	27.27 1.29 0.00	52.20 1.55 -20.10	54.87 1.79 -19.27	56.20 1.76 -23.37	41.83 1.99 -5.51	40.63 2.25 0.00	51.26 2.60 0.00	71.90 3.32 0.00	68.82 3.05 0.00	49.55 2.22 0.00	41.75 1.98 0.00	30.30 1.44 -0.32	34.45 1.19 -8.91
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.65 1.33 0.00	26.92 1.10 0.00	25.95 1.02 0.00	25.99 0.89 0.00	27.60 0.91 0.00	26.16 0.88 0.00	25.14 0.85 0.00	28.56 0.95 0.00	25.38 0.96 0.00	24.61 1.00 0.00	25.18 1.16 0.00	27.27 1.29 0.00	52.20 1.55 -20.10	54.87 1.79 -19.27	56.20 1.76 -23.37	41.83 1.99 -5.51	40.63 2.25 0.00	51.26 2.60 0.00	71.90 3.32 0.00	68.82 3.05 0.00	49.55 2.22 0.00	41.75 1.98 0.00	30.30 1.44 -0.32	34.45 1.19 -8.91
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.64 1.32 0.00	26.93 1.11 0.00	25.98 1.04 0.00	26.02 0.92 0.00	27.63 0.94 0.00	26.18 0.90 0.00	25.17 0.87 0.00	28.57 0.96 0.00	25.37 0.95 0.00	24.56 0.95 0.00	25.10 1.08 0.00	27.16 1.19 0.00	25.08 1.41 6.88	28.88 1.67 6.60	24.71 1.65 8.01	34.37 1.91 1.89	40.61 2.24 0.00	51.36 2.71 0.00	72.15 3.57 0.00	69.03 3.26 0.00	49.70 2.36 0.00	41.79 2.02 0.00	29.84 1.40 0.11	22.44 1.14 3.05
POLETTI_____ 23519	24.61 1.17 3.87	24.61 0.91 2.12	24.62 0.84 1.16	24.61 0.65 1.13	24.61 0.69 2.77	24.61 0.67 1.33	24.61 0.70 0.38	24.61 0.71 3.71	24.45 0.88 0.85	24.49 0.91 0.03	25.13 1.10 0.00	26.64 1.18 0.52	37.40 1.39 -5.46	37.27 1.64 -1.82	29.00 1.62 3.68	26.68 1.81 9.46	27.12 2.00 13.26	30.86 2.28 20.07	56.11 2.83 15.30	53.01 2.57 15.33	33.63 1.90 15.60	27.81 1.84 13.81	26.59 1.34 3.30	26.04 1.15 -0.55
POMONA___ESR 323819	28.57 1.25 0.00	26.82 1.00 0.00	25.87 0.93 0.00	25.92 0.82 0.00	27.53 0.83 0.00	26.09 0.82 0.00	25.07 0.78 0.00	28.49 0.88 0.00	25.29 0.87 0.00	24.52 0.91 0.00	25.10 1.07 0.00	27.20 1.23 0.00	50.67 1.50 -18.62	53.41 1.75 -17.85	54.47 1.75 -21.65	41.39 1.95 -5.10	40.56 2.18 0.00	51.19 2.54 0.00	71.82 3.24 0.00	68.73 2.96 0.00	49.43 2.10 0.00	41.67 1.90 0.00	30.23 1.38 -0.30	33.76 1.15 -8.25
PORT_JEFF_3 23555	28.91 1.60 0.00	27.09 1.27 0.00	26.11 1.17 0.00	26.07 0.97 0.00	27.60 0.91 0.00	26.19 0.92 0.00	25.19 0.89 0.00	28.50 0.89 0.00	25.49 1.07 0.00	24.78 1.17 0.00	25.43 1.40 0.00	27.58 1.60 0.00	52.70 2.05 -20.10	60.39 2.24 -24.35	62.32 2.23 -29.03	45.70 2.41 -8.95	44.80 2.63 -3.78	51.55 2.90 0.00	72.04 3.46 0.00	68.99 3.22 0.00	49.78 2.44 0.00	42.20 2.44 0.00	30.64 1.78 -0.32	34.57 1.39 -8.83
PORT_JEFF_4 23616	28.91 1.60 0.00	27.09 1.27 0.00	26.11 1.17 0.00	26.07 0.97 0.00	27.60 0.91 0.00	26.19 0.92 0.00	25.19 0.89 0.00	28.50 0.89 0.00	25.49 1.07 0.00	24.78 1.17 0.00	25.43 1.40 0.00	27.58 1.60 0.00	52.70 2.05 -20.10	60.39 2.24 -24.35	62.32 2.23 -29.03	45.70 2.41 -8.95	44.80 2.63 -3.78	51.55 2.90 0.00	72.04 3.46 0.00	68.99 3.22 0.00	49.78 2.44 0.00	42.20 2.44 0.00	30.64 1.78 -0.32	34.57 1.39 -8.83

PORT_JEFF_IC 23713	28.93 1.61 0.00	27.10 1.28 0.00	26.11 1.17 0.00	26.07 0.97 0.00	27.60 0.90 0.00	26.18 0.91 0.00	25.19 0.90 0.00	28.50 0.89 0.00	25.50 1.08 0.00	24.79 1.18 0.00	25.44 1.42 0.00	27.60 1.62 0.00	52.72 2.06 -20.10	60.46 2.29 -24.37	62.35 2.24 -29.05	45.76 2.46 -8.96	44.89 2.71 -3.80	51.66 3.01 0.00	72.19 3.61 0.00	69.12 3.35 0.00	49.86 2.52 0.00	42.28 2.51 0.00	30.68 1.82 -0.32	34.59 1.41 -8.83
PPL PILGRIM_ST_GT1 24216	29.11 1.79 0.00	27.28 1.46 0.00	26.28 1.35 0.00	26.25 1.15 0.00	27.80 1.11 0.00	26.37 1.10 0.00	25.35 1.05 0.00	28.70 1.10 0.00	25.66 1.24 0.00	24.91 1.30 0.00	25.57 1.54 0.00	27.76 1.78 0.00	52.91 2.26 -20.10	60.72 2.47 -24.44	62.64 2.45 -29.13	45.98 2.63 -9.01	45.11 2.88 -3.85	51.80 3.15 0.00	72.27 3.68 0.00	69.24 3.47 0.00	50.04 2.71 0.00	42.50 2.73 0.00	30.86 1.99 -0.32	34.79 1.61 -8.83
PPL PILGRIM_ST_GT2 24217	29.11 1.79 0.00	27.28 1.46 0.00	26.28 1.35 0.00	26.25 1.15 0.00	27.80 1.11 0.00	26.37 1.10 0.00	25.35 1.05 0.00	28.70 1.10 0.00	25.66 1.24 0.00	24.91 1.30 0.00	25.57 1.54 0.00	27.76 1.78 0.00	52.91 2.26 -20.10	60.72 2.47 -24.44	62.64 2.45 -29.13	45.98 2.63 -9.01	45.11 2.88 -3.85	51.80 3.15 0.00	72.27 3.68 0.00	69.24 3.47 0.00	50.04 2.71 0.00	42.50 2.73 0.00	30.86 1.99 -0.32	34.79 1.61 -8.83
PPL_SHRM_GT3 24213	28.63 1.31 0.00	26.81 0.99 0.00	25.84 0.90 0.00	25.78 0.69 0.00	27.29 0.60 0.00	25.90 0.63 0.00	24.92 0.63 0.00	28.17 0.56 0.00	25.23 0.81 0.00	24.52 0.91 0.00	25.17 1.14 0.00	27.27 1.30 0.00	52.37 1.72 -20.10	60.04 1.88 -24.36	62.00 1.90 -29.04	45.42 2.13 -8.95	44.52 2.35 -3.79	51.22 2.57 0.00	71.60 3.02 0.00	68.60 2.82 0.00	49.49 2.15 0.00	41.93 2.16 0.00	30.41 1.54 -0.32	34.36 1.18 -8.83
PPL_SHRM_GT4 24214	28.63 1.31 0.00	26.81 0.99 0.00	25.84 0.90 0.00	25.78 0.69 0.00	27.29 0.60 0.00	25.90 0.63 0.00	24.92 0.63 0.00	28.17 0.56 0.00	25.23 0.81 0.00	24.52 0.91 0.00	25.17 1.14 0.00	27.27 1.30 0.00	52.37 1.72 -20.10	60.04 1.88 -24.36	62.00 1.90 -29.04	45.42 2.13 -8.95	44.52 2.35 -3.79	51.22 2.57 0.00	71.60 3.02 0.00	68.60 2.82 0.00	49.49 2.15 0.00	41.93 2.16 0.00	30.41 1.54 -0.32	34.36 1.18 -8.83
PROJECT___ORANGE 1 24174	27.10 -0.22 0.00	25.66 -0.16 0.00	24.75 -0.19 0.00	24.93 -0.17 0.00	26.52 -0.17 0.00	25.10 -0.17 0.00	24.14 -0.15 0.00	27.42 -0.19 0.00	24.15 -0.27 0.00	23.35 -0.26 0.00	23.75 -0.28 0.00	25.66 -0.31 0.00	30.15 -0.40 0.00	33.40 -0.41 0.00	30.74 -0.33 0.00	33.88 -0.46 0.00	37.85 -0.53 0.00	48.08 -0.57 0.00	67.91 -0.67 0.00	65.17 -0.62 -0.02	46.89 -0.45 0.00	39.40 -0.37 0.00	28.32 -0.23 0.00	24.14 -0.21 0.00
PROJECT___ORANGE 2 24166	27.10 -0.22 0.00	25.66 -0.16 0.00	24.75 -0.19 0.00	24.93 -0.17 0.00	26.52 -0.17 0.00	25.10 -0.17 0.00	24.14 -0.15 0.00	27.42 -0.19 0.00	24.15 -0.27 0.00	23.35 -0.26 0.00	23.75 -0.28 0.00	25.66 -0.31 0.00	30.15 -0.40 0.00	33.40 -0.41 0.00	30.74 -0.33 0.00	33.88 -0.46 0.00	37.85 -0.53 0.00	48.08 -0.57 0.00	67.91 -0.67 0.00	65.17 -0.62 -0.02	46.89 -0.45 0.00	39.40 -0.37 0.00	28.32 -0.23 0.00	24.14 -0.21 0.00
PUCKETT___SOLAR 323809	27.71 0.39 0.00	26.25 0.43 0.00	25.26 0.32 0.00	25.51 0.41 0.00	27.13 0.44 0.00	25.62 0.35 0.00	24.65 0.35 0.00	27.97 0.37 0.00	24.51 0.09 0.00	23.62 0.01 0.00	23.89 -0.13 0.00	25.89 -0.08 0.00	30.49 -0.06 0.00	33.75 -0.06 0.00	31.18 0.11 0.00	34.46 0.12 0.00	38.61 0.23 0.00	49.30 0.65 0.00	69.89 1.31 0.00	67.22 1.43 -0.01	48.11 0.77 0.00	40.46 0.69 0.00	29.08 0.53 0.00	24.68 0.32 0.00
PYRITES___HYD 24023	27.85 0.54 0.00	26.31 0.49 0.00	25.40 0.46 0.00	25.56 0.46 0.00	27.28 0.58 0.00	25.95 0.68 0.00	24.96 0.67 0.00	28.39 0.78 0.00	25.00 0.58 0.00	23.98 0.36 0.00	24.38 0.36 0.00	26.31 0.33 0.00	30.92 0.37 0.00	34.19 0.38 0.00	31.38 0.31 0.00	34.57 0.23 0.00	38.63 0.26 0.00	49.32 0.67 0.00	70.57 1.99 0.00	68.57 2.79 -0.01	49.12 1.79 0.00	41.03 1.26 0.00	29.32 0.77 0.00	25.00 0.65 0.00
QUAKERRD_115KV_BK1 80622	26.64 -0.67 0.00	25.26 -0.56 0.00	24.28 -0.66 0.00	24.45 -0.65 0.00	26.04 -0.65 0.00	24.73 -0.54 0.00	23.80 -0.50 0.00	27.02 -0.58 0.00	23.71 -0.71 0.00	22.99 -0.63 0.00	23.35 -0.67 0.00	25.38 -0.59 0.00	29.95 -0.60 0.00	33.07 -0.74 0.00	30.39 -0.68 0.00	33.22 -1.12 0.00	37.16 -1.22 0.00	47.34 -1.32 0.00	67.22 -1.36 0.00	64.43 -1.34 0.00	46.24 -1.09 0.00	38.80 -0.96 0.00	27.92 -0.63 0.00	23.79 -0.56 0.00
QUENSBRY_115KV_TB8 356137	29.85 2.54 0.00	28.09 2.27 0.00	27.07 2.13 0.00	27.17 2.07 0.00	28.89 2.19 0.00	27.42 2.16 0.00	26.46 2.16 0.00	30.10 2.49 0.00	26.48 2.06 0.00	25.40 1.79 0.00	25.39 1.36 0.00	27.37 1.40 0.00	12.05 1.86 20.36	16.51 2.22 19.52	9.50 2.11 23.68	31.64 2.88 5.58	41.81 3.43 0.00	52.97 4.32 0.00	75.26 6.68 0.00	72.30 6.53 0.00	52.38 5.04 0.00	43.87 4.10 0.00	31.02 2.79 0.32	17.67 2.35 9.02
RAMAPO___LBMP 323565	28.43 1.12 0.00	26.70 0.88 0.00	25.75 0.81 0.00	25.80 0.71 0.00	27.41 0.72 0.00	25.98 0.71 0.00	24.97 0.67 0.00	28.37 0.77 0.00	25.18 0.76 0.00	24.41 0.80 0.00	24.97 0.94 0.00	27.06 1.09 0.00	50.15 1.32 -18.29	52.90 1.55 -17.54	53.88 1.54 -21.27	41.06 1.71 -5.01	40.30 1.92 0.00	50.87 2.22 0.00	71.41 2.82 0.00	68.36 2.59 0.00	49.16 1.82 0.00	41.45 1.68 0.00	30.06 1.22 -0.29	33.49 1.03 -8.11
RANKINE____ 23646	27.09 -0.23 0.00	25.78 -0.04 0.00	24.65 -0.28 0.00	24.87 -0.22 0.00	26.52 -0.17 0.00	25.23 -0.03 0.00	24.27 -0.02 0.00	27.57 -0.04 0.00	24.03 -0.39 0.00	23.44 -0.17 0.00	23.78 -0.24 0.00	25.95 -0.03 0.00	30.68 0.13 0.00	33.75 -0.05 0.00	31.05 -0.02 0.00	33.74 -0.60 0.00	37.43 -0.94 0.00	47.63 -1.02 0.00	67.94 -0.64 0.00	65.19 -0.58 0.00	46.62 -0.72 0.00	39.27 -0.50 0.00	28.40 -0.15 0.00	24.21 -0.14 0.00
RAVENSWOOD_GT2_1 24244	28.79 1.48 0.00	27.03 1.21 0.00	26.05 1.12 0.00	26.07 0.97 0.00	27.70 1.00 0.00	26.25 0.98 0.00	25.23 0.94 0.00	28.66 1.06 0.00	25.51 1.09 0.00	24.75 1.14 0.00	25.34 1.31 0.00	27.44 1.47 0.00	52.23 1.76 -19.91	54.93 2.03 -19.09	56.22 1.99 -23.16	42.00 2.21 -5.45	40.87 2.49 0.00	51.52 2.86 0.00	72.20 3.62 0.00	69.11 3.34 0.00	49.73 2.40 0.00	41.98 2.21 0.00	30.48 1.61 -0.32	34.51 1.34 -8.83
RAVENSWOOD_GT2_2 24245	28.79 1.48 0.00	27.03 1.21 0.00	26.05 1.12 0.00	26.07 0.97 0.00	27.70 1.00 0.00	26.25 0.98 0.00	25.23 0.94 0.00	28.66 1.06 0.00	25.51 1.09 0.00	24.75 1.14 0.00	25.34 1.31 0.00	27.44 1.47 0.00	52.23 1.76 -19.91	54.93 2.03 -19.09	56.22 1.99 -23.16	42.00 2.21 -5.45	40.87 2.49 0.00	51.52 2.86 0.00	72.20 3.62 0.00	69.11 3.34 0.00	49.73 2.40 0.00	41.98 2.21 0.00	30.48 1.61 -0.32	34.51 1.34 -8.83



RAVENSWOOD_GT2_3 24246	28.81 1.50 0.00	27.04 1.22 0.00	26.06 1.13 0.00	26.08 0.98 0.00	27.71 1.02 0.00	26.26 0.99 0.00	25.24 0.94 0.00	28.68 1.07 0.00	25.52 1.10 0.00	24.76 1.15 0.00	25.35 1.32 0.00	27.46 1.48 0.00	52.25 1.78 -19.91	54.95 2.05 -19.09	56.24 2.01 -23.16	42.03 2.24 -5.45	40.89 2.52 0.00	51.54 2.89 0.00	72.24 3.66 0.00	69.13 3.36 0.00	49.76 2.43 0.00	41.99 2.22 0.00	30.49 1.63 -0.32	34.52 1.35 -8.83
RAVENSWOOD_GT2_4 24247	28.81 1.50 0.00	27.04 1.22 0.00	26.06 1.13 0.00	26.08 0.98 0.00	27.71 1.02 0.00	26.26 0.99 0.00	25.24 0.94 0.00	28.68 1.07 0.00	25.52 1.10 0.00	24.76 1.15 0.00	25.35 1.32 0.00	27.46 1.48 0.00	52.25 1.78 -19.91	54.95 2.05 -19.09	56.24 2.01 -23.16	42.03 2.24 -5.45	40.89 2.52 0.00	51.54 2.89 0.00	72.24 3.66 0.00	69.13 3.36 0.00	49.76 2.43 0.00	41.99 2.22 0.00	30.49 1.63 -0.32	34.52 1.35 -8.83
RAVENSWOOD_GT3_1 24248	28.79 1.48 0.00	27.03 1.21 0.00	26.05 1.12 0.00	26.07 0.97 0.00	27.70 1.00 0.00	26.25 0.98 0.00	25.23 0.94 0.00	28.66 1.06 0.00	25.51 1.09 0.00	24.75 1.14 0.00	25.34 1.31 0.00	27.45 1.47 0.00	52.23 1.76 -19.91	54.93 2.03 -19.09	56.22 1.99 -23.16	42.00 2.21 -5.45	40.87 2.50 0.00	51.52 2.86 0.00	72.20 3.62 0.00	69.11 3.34 0.00	49.73 2.40 0.00	41.98 2.21 0.00	30.48 1.61 -0.32	34.51 1.34 -8.83
RAVENSWOOD_GT3_2 24249	28.79 1.48 0.00	27.03 1.21 0.00	26.05 1.12 0.00	26.07 0.97 0.00	27.70 1.00 0.00	26.25 0.98 0.00	25.23 0.94 0.00	28.66 1.06 0.00	25.51 1.09 0.00	24.75 1.14 0.00	25.34 1.31 0.00	27.45 1.47 0.00	52.23 1.76 -19.91	54.93 2.03 -19.09	56.22 1.99 -23.16	42.00 2.21 -5.45	40.87 2.50 0.00	51.52 2.86 0.00	72.20 3.62 0.00	69.11 3.34 0.00	49.73 2.40 0.00	41.98 2.21 0.00	30.48 1.61 -0.32	34.51 1.34 -8.83
RAVENSWOOD_GT3_3 24250	28.84 1.52 0.00	27.07 1.25 0.00	26.09 1.15 0.00	26.10 1.01 0.00	27.74 1.04 0.00	26.28 1.01 0.00	25.26 0.97 0.00	28.71 1.10 0.00	25.55 1.13 0.00	24.79 1.18 0.00	25.38 1.36 0.00	27.49 1.52 0.00	52.29 1.82 -19.91	55.00 2.10 -19.09	56.28 2.05 -23.16	42.07 2.28 -5.45	40.95 2.57 0.00	51.62 2.96 0.00	72.34 3.76 0.00	69.25 3.47 0.00	49.83 2.49 0.00	42.06 2.29 0.00	30.53 1.66 -0.32	34.56 1.38 -8.83
RAVENSWOOD_GT3_4 24251	28.84 1.52 0.00	27.07 1.25 0.00	26.09 1.15 0.00	26.10 1.01 0.00	27.74 1.04 0.00	26.28 1.01 0.00	25.26 0.97 0.00	28.71 1.10 0.00	25.55 1.13 0.00	24.79 1.18 0.00	25.38 1.36 0.00	27.49 1.52 0.00	52.29 1.82 -19.91	55.00 2.10 -19.09	56.28 2.05 -23.16	42.07 2.28 -5.45	40.95 2.57 0.00	51.62 2.96 0.00	72.34 3.76 0.00	69.25 3.47 0.00	49.83 2.49 0.00	42.06 2.29 0.00	30.53 1.66 -0.32	34.56 1.38 -8.83
RAVENSWOOD_GT_1 23729	28.86 1.55 0.00	27.10 1.28 0.00	26.12 1.19 0.00	26.12 1.03 0.00	27.77 1.07 0.00	26.32 1.05 0.00	25.31 1.01 0.00	28.74 1.13 0.00	25.59 1.17 0.00	24.82 1.21 0.00	25.40 1.38 0.00	27.52 1.55 0.00	52.32 1.85 -19.91	55.05 2.14 -19.09	56.32 2.09 -23.16	42.10 2.30 -5.45	40.96 2.58 0.00	51.62 2.97 0.00	72.31 3.73 0.00	69.20 3.43 0.00	49.82 2.48 0.00	42.09 2.33 0.00	30.55 1.69 -0.32	34.58 1.40 -8.83
RAVENSWOOD_GT_10 24258	28.79 1.48 0.00	27.03 1.21 0.00	26.05 1.12 0.00	26.07 0.97 0.00	27.69 1.00 0.00	26.25 0.98 0.00	25.23 0.93 0.00	28.67 1.06 0.00	25.50 1.09 0.00	24.75 1.14 0.00	25.34 1.31 0.00	27.44 1.47 0.00	52.23 1.76 -19.91	54.93 2.03 -19.09	56.22 1.99 -23.16	42.00 2.21 -5.45	40.87 2.49 0.00	51.52 2.86 0.00	72.20 3.62 0.00	69.11 3.34 0.00	49.73 2.40 0.00	41.98 2.21 0.00	30.48 1.61 -0.32	34.51 1.33 -8.83
RAVENSWOOD_GT_11 24259	28.79 1.48 0.00	27.03 1.21 0.00	26.05 1.12 0.00	26.07 0.97 0.00	27.69 1.00 0.00	26.25 0.98 0.00	25.23 0.93 0.00	28.67 1.06 0.00	25.50 1.09 0.00	24.75 1.14 0.00	25.34 1.31 0.00	27.44 1.47 0.00	52.23 1.76 -19.91	54.93 2.03 -19.09	56.22 1.99 -23.16	42.00 2.21 -5.45	40.87 2.49 0.00	51.52 2.86 0.00	72.20 3.62 0.00	69.11 3.34 0.00	49.73 2.40 0.00	41.98 2.21 0.00	30.48 1.61 -0.32	34.51 1.33 -8.83
RAVENSWOOD_GT_4 24252	28.79 1.48 0.00	27.02 1.20 0.00	26.05 1.11 0.00	26.07 0.97 0.00	27.69 0.99 0.00	26.24 0.98 0.00	25.22 0.93 0.00	28.67 1.06 0.00	25.50 1.08 0.00	24.75 1.14 0.00	25.34 1.31 0.00	27.44 1.47 0.00	52.23 1.76 -19.91	54.93 2.03 -19.09	56.21 1.99 -23.16	42.00 2.21 -5.45	40.86 2.49 0.00	51.52 2.86 0.00	72.20 3.62 0.00	69.11 3.34 0.00	49.73 2.40 0.00	41.97 2.20 0.00	30.47 1.61 -0.32	34.51 1.33 -8.83
RAVENSWOOD_GT_5 24254	28.79 1.48 0.00	27.02 1.20 0.00	26.05 1.11 0.00	26.07 0.97 0.00	27.69 0.99 0.00	26.24 0.98 0.00	25.22 0.93 0.00	28.67 1.06 0.00	25.50 1.08 0.00	24.75 1.14 0.00	25.34 1.31 0.00	27.44 1.47 0.00	52.23 1.76 -19.91	54.93 2.03 -19.09	56.21 1.99 -23.16	42.00 2.21 -5.45	40.86 2.49 0.00	51.52 2.86 0.00	72.20 3.62 0.00	69.11 3.34 0.00	49.73 2.40 0.00	41.97 2.20 0.00	30.47 1.61 -0.32	34.51 1.33 -8.83
RAVENSWOOD_GT_6 24253	28.79 1.48 0.00	27.02 1.20 0.00	26.05 1.11 0.00	26.07 0.97 0.00	27.69 0.99 0.00	26.24 0.98 0.00	25.22 0.93 0.00	28.67 1.06 0.00	25.50 1.08 0.00	24.75 1.14 0.00	25.34 1.31 0.00	27.44 1.47 0.00	52.23 1.76 -19.91	54.93 2.03 -19.09	56.21 1.99 -23.16	42.00 2.21 -5.45	40.86 2.49 0.00	51.52 2.86 0.00	72.20 3.62 0.00	69.11 3.34 0.00	49.73 2.40 0.00	41.97 2.20 0.00	30.47 1.61 -0.32	34.51 1.33 -8.83
RAVENSWOOD_GT_7 24255	28.79 1.48 0.00	27.02 1.20 0.00	26.05 1.11 0.00	26.07 0.97 0.00	27.69 0.99 0.00	26.24 0.98 0.00	25.22 0.93 0.00	28.67 1.06 0.00	25.50 1.08 0.00	24.75 1.14 0.00	25.34 1.31 0.00	27.44 1.47 0.00	52.23 1.76 -19.91	54.93 2.03 -19.09	56.21 1.99 -23.16	42.00 2.21 -5.45	40.86 2.49 0.00	51.52 2.86 0.00	72.20 3.62 0.00	69.11 3.34 0.00	49.73 2.40 0.00	41.97 2.20 0.00	30.47 1.61 -0.32	34.51 1.33 -8.83
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.79 1.48 0.00	27.03 1.21 0.00	26.05 1.12 0.00	26.07 0.97 0.00	27.69 1.00 0.00	26.25 0.98 0.00	25.23 0.93 0.00	28.67 1.06 0.00	25.50 1.09 0.00	24.75 1.14 0.00	25.34 1.31 0.00	27.44 1.47 0.00	52.23 1.76 -19.91	54.93 2.03 -19.09	56.22 1.99 -23.16	42.00 2.21 -5.45	40.87 2.49 0.00	51.52 2.86 0.00	72.20 3.62 0.00	69.11 3.34 0.00	49.73 2.40 0.00	41.98 2.21 0.00	30.48 1.61 -0.32	34.51 1.33 -8.83
RAVENSWOOD_GT_9 24257	28.79 1.48 0.00	27.03 1.21 0.00	26.05 1.12 0.00	26.07 0.97 0.00	27.69 1.00 0.00	26.25 0.98 0.00	25.23 0.93 0.00	28.67 1.06 0.00	25.50 1.09 0.00	24.75 1.14 0.00	25.34 1.31 0.00	27.44 1.47 0.00	52.23 1.76 -19.91	54.93 2.03 -19.09	56.22 1.99 -23.16	42.00 2.21 -5.45	40.87 2.49 0.00	51.52 2.86 0.00	72.20 3.62 0.00	69.11 3.34 0.00	49.73 2.40 0.00	41.98 2.21 0.00	30.48 1.61 -0.32	34.51 1.33 -8.83

RAVENSWOOD___1 23533	28.82 1.51 0.00	27.05 1.23 0.00	26.08 1.15 0.00	26.08 0.99 0.00	27.72 1.02 0.00	26.28 1.01 0.00	25.27 0.97 0.00	28.69 1.08 0.00	25.55 1.13 0.00	24.78 1.17 0.00	25.36 1.34 0.00	27.47 1.50 0.00	52.26 1.80 -19.91	54.98 2.08 -19.09	56.28 2.05 -23.16	42.05 2.26 -5.45	40.91 2.54 0.00	51.57 2.91 0.00	72.24 3.65 0.00	69.14 3.37 0.00	49.76 2.42 0.00	42.02 2.25 0.00	30.50 1.64 -0.32	34.55 1.37 -8.83
RAVENSWOOD___2 23534	28.82 1.51 0.00	27.05 1.23 0.00	26.08 1.15 0.00	26.08 0.99 0.00	27.72 1.02 0.00	26.28 1.01 0.00	25.27 0.97 0.00	28.69 1.08 0.00	25.55 1.13 0.00	24.78 1.17 0.00	25.36 1.34 0.00	27.47 1.50 0.00	52.26 1.80 -19.91	54.98 2.08 -19.09	56.28 2.05 -23.16	42.05 2.26 -5.45	40.91 2.54 0.00	51.57 2.91 0.00	72.24 3.65 0.00	69.14 3.37 0.00	49.76 2.42 0.00	42.02 2.25 0.00	30.50 1.64 -0.32	34.55 1.37 -8.83
RAVENSWOOD___3 23535	28.79 1.48 0.00	27.03 1.21 0.00	26.05 1.12 0.00	26.07 0.97 0.00	27.69 1.00 0.00	26.25 0.98 0.00	25.23 0.94 0.00	28.67 1.06 0.00	25.51 1.09 0.00	24.75 1.14 0.00	25.34 1.31 0.00	27.45 1.47 0.00	52.23 1.77 -19.91	54.93 2.03 -19.09	56.24 2.01 -23.16	42.01 2.22 -5.45	40.87 2.49 0.00	51.52 2.87 0.00	72.20 3.62 0.00	69.11 3.34 0.00	49.74 2.40 0.00	41.98 2.21 0.00	30.48 1.61 -0.32	34.52 1.34 -8.83
RAVENSWOOD___4 23820	28.82 1.51 0.00	27.05 1.23 0.00	26.08 1.15 0.00	26.08 0.99 0.00	27.72 1.02 0.00	26.28 1.01 0.00	25.27 0.97 0.00	28.69 1.08 0.00	25.55 1.13 0.00	24.78 1.17 0.00	25.36 1.34 0.00	27.47 1.50 0.00	52.26 1.80 -19.91	54.98 2.08 -19.09	56.28 2.05 -23.16	42.05 2.26 -5.45	40.91 2.54 0.00	51.57 2.91 0.00	72.24 3.65 0.00	69.14 3.37 0.00	49.76 2.42 0.00	42.02 2.25 0.00	30.50 1.64 -0.32	34.55 1.37 -8.83
RCPL_TRUST___DRP 24196	28.80 1.49 0.00	27.04 1.21 0.00	26.06 1.12 0.00	26.07 0.97 0.00	27.70 1.01 0.00	26.26 0.99 0.00	25.23 0.94 0.00	28.68 1.07 0.00	25.52 1.10 0.00	24.76 1.15 0.00	25.35 1.33 0.00	27.46 1.48 0.00	52.24 1.78 -19.91	54.95 2.05 -19.09	56.24 2.01 -23.16	42.03 2.23 -5.45	40.89 2.52 0.00	51.54 2.89 0.00	72.23 3.65 0.00	69.12 3.34 0.00	49.74 2.41 0.00	41.98 2.21 0.00	30.48 1.61 -0.32	34.51 1.34 -8.82
RED___ROCHESTER 323720	27.40 0.08 0.00	25.96 0.14 0.00	24.93 -0.01 0.00	25.09 0.00 0.00	26.74 0.04 0.00	25.41 0.14 0.00	24.45 0.15 0.00	27.75 0.14 0.00	24.32 -0.10 0.00	23.61 0.00 0.00	23.99 -0.04 0.00	26.14 0.16 0.00	30.88 0.33 0.00	34.08 0.27 0.00	31.33 0.26 0.00	34.18 -0.17 0.00	38.27 -0.11 0.00	48.78 0.13 0.00	69.36 0.78 0.00	66.43 0.65 0.00	47.64 0.31 0.00	40.00 0.23 0.00	28.77 0.21 0.00	24.49 0.14 0.00
REGAN___SOLAR 323812	28.61 1.30 0.00	26.99 1.17 0.00	26.06 1.13 0.00	26.19 1.10 0.00	27.88 1.19 0.00	26.39 1.12 0.00	25.39 1.09 0.00	28.82 1.21 0.00	24.88 0.46 0.00	23.56 -0.05 0.00	23.70 -0.32 0.00	25.59 -0.38 0.00	18.79 0.12 11.88	22.45 0.03 11.39	17.23 -0.02 13.82	31.94 0.85 3.26	39.49 1.11 0.00	50.00 1.35 0.00	71.83 3.24 0.00	69.62 3.85 0.00	50.15 2.81 0.00	41.99 2.22 0.00	29.86 1.50 0.19	20.28 1.20 5.27
RENSSELAER___COGEN 23796	27.67 0.35 0.00	26.15 0.33 0.00	25.29 0.35 0.00	25.41 0.32 0.00	26.98 0.29 0.00	25.54 0.27 0.00	24.56 0.26 0.00	27.87 0.26 0.00	24.67 0.25 0.00	23.83 0.22 0.00	24.25 0.23 0.00	26.21 0.23 0.00	15.87 0.30 14.98	19.75 0.30 14.36	13.94 0.29 17.42	30.70 0.46 4.10	38.89 0.51 0.00	49.12 0.47 0.00	69.04 0.46 0.00	66.19 0.42 0.00	47.85 0.51 0.00	40.19 0.42 0.00	28.61 0.29 0.24	17.99 0.28 6.64
REPUBLIC_115KV_BARTNBRK 55605	31.46 4.14 0.00	29.54 3.72 0.00	28.39 3.45 0.00	28.38 3.29 0.00	30.20 3.50 0.00	28.76 3.49 0.00	27.90 3.60 0.00	31.77 4.17 0.00	27.77 3.35 0.00	26.57 2.96 0.00	26.45 2.43 0.00	28.29 2.31 0.00	13.09 3.07 20.52	17.93 3.79 19.67	10.71 3.51 23.86	33.38 4.66 5.62	44.01 5.64 0.00	55.74 7.09 0.00	78.89 10.31 0.00	76.24 10.47 0.00	55.34 8.00 0.00	46.38 6.61 0.00	32.74 4.52 0.33	19.12 3.86 9.09
REVERE_CPPR_DRP 24186	28.05 0.74 0.00	26.49 0.67 0.00	25.58 0.65 0.00	25.79 0.70 0.00	27.57 0.88 0.00	26.11 0.85 0.00	25.13 0.83 0.00	28.54 0.94 0.00	25.16 0.75 0.00	24.28 0.67 0.00	24.58 0.56 0.00	26.43 0.45 0.00	31.05 0.51 0.00	34.59 0.78 0.00	31.70 0.63 0.00	35.13 0.79 0.00	39.34 0.96 0.00	50.36 1.71 0.00	71.54 2.96 0.00	68.84 3.06 -0.01	49.48 2.14 0.00	41.52 1.75 0.00	29.74 1.18 0.00	25.27 0.91 0.00
REYNLDPA_13_KV_LD 356490	27.42 0.11 0.00	25.93 0.11 0.00	25.04 0.10 0.00	25.17 0.07 0.00	26.79 0.10 0.00	25.44 0.17 0.00	24.45 0.16 0.00	27.83 0.22 0.00	24.64 0.22 0.00	23.82 0.21 0.00	24.26 0.24 0.00	26.26 0.28 0.00	30.93 0.38 0.00	34.14 0.33 0.00	31.29 0.23 0.00	34.54 0.20 0.00	38.59 0.21 0.00	49.02 0.37 0.00	69.28 0.70 0.00	66.52 0.74 0.00	47.73 0.39 0.00	39.97 0.20 0.00	28.66 0.11 0.00	24.48 0.13 0.00
REYNOLDS_115KV_TB3 80639	27.90 0.58 0.00	26.35 0.53 0.00	25.47 0.53 0.00	25.60 0.50 0.00	27.17 0.48 0.00	25.73 0.46 0.00	24.74 0.44 0.00	28.07 0.46 0.00	24.86 0.44 0.00	24.02 0.41 0.00	24.43 0.40 0.00	26.39 0.41 0.00	12.92 0.53 18.16	16.95 0.55 17.41	10.47 0.52 21.12	30.09 0.73 4.97	39.17 0.79 0.00	49.43 0.78 0.00	69.44 0.86 0.00	66.61 0.83 0.00	48.18 0.84 0.00	40.46 0.69 0.00	28.76 0.50 0.29	16.78 0.48 8.05
RIVERBAY____ 323610	29.62 2.30 0.00	27.83 2.01 0.00	26.83 1.89 0.00	26.81 1.72 0.00	28.56 1.87 0.00	27.08 1.81 0.00	26.06 1.76 0.00	29.48 1.87 0.00	26.27 1.84 0.00	25.44 1.84 0.00	26.00 1.98 0.00	28.20 2.22 0.00	53.10 2.64 -19.91	55.94 3.04 -19.09	57.13 2.90 -23.16	43.00 3.21 -5.45	41.98 3.60 0.00	52.94 4.29 0.00	74.23 5.65 0.00	71.02 5.25 0.00	51.14 3.80 0.00	43.19 3.42 0.00	31.33 2.46 -0.32	35.24 2.06 -8.83
RIVERSDE_115KV_TB3 55908	27.80 0.49 0.00	26.27 0.45 0.00	25.40 0.47 0.00	25.53 0.43 0.00	27.09 0.40 0.00	25.65 0.38 0.00	24.66 0.37 0.00	27.99 0.38 0.00	24.78 0.36 0.00	23.95 0.33 0.00	24.36 0.33 0.00	26.32 0.34 0.00	14.33 0.45 16.67	18.28 0.46 15.98	12.13 0.45 19.38	30.42 0.65 4.57	39.09 0.71 0.00	49.34 0.69 0.00	69.35 0.77 0.00	66.49 0.72 0.00	48.08 0.74 0.00	40.38 0.61 0.00	28.72 0.43 0.26	17.37 0.41 7.39
ROARING___BROOK_WT_PWR 323790	27.00 -0.31 0.00	25.54 -0.28 0.00	24.74 -0.20 0.00	25.00 -0.10 0.00	26.69 0.00 0.00	25.29 0.01 0.00	24.29 0.00 0.00	27.60 -0.01 0.00	24.42 0.00 0.00	23.63 0.01 0.00	24.03 0.00 0.00	25.97 -0.01 0.00	30.56 0.01 0.00	33.81 0.00 0.00	31.04 -0.03 0.00	34.33 -0.01 0.00	38.38 0.00 0.00	48.65 0.00 0.00	68.59 0.01 0.00	65.75 -0.03 0.00	47.29 -0.05 0.00	39.71 -0.06 0.00	28.52 -0.04 0.00	24.33 -0.02 0.00

ROCHESRG_115KV_T4 355643	27.13 -0.18 0.00	25.73 -0.09 0.00	24.71 -0.22 0.00	24.88 -0.22 0.00	26.51 -0.18 0.00	25.19 -0.08 0.00	24.24 -0.05 0.00	27.53 -0.08 0.00	24.12 -0.30 0.00	23.41 -0.20 0.00	23.79 -0.24 0.00	25.88 -0.10 0.00	30.55 0.00 0.00	33.70 -0.10 0.00	30.97 -0.10 0.00	33.82 -0.52 0.00	37.75 -0.62 0.00	48.07 -0.59 0.00	68.36 -0.22 0.00	65.52 -0.25 0.00	47.01 -0.33 0.00	39.48 -0.29 0.00	28.43 -0.12 0.00	24.24 -0.12 0.00
ROCHESTER_9_IC 23652	27.27 -0.04 0.00	25.86 0.04 0.00	24.83 -0.10 0.00	25.00 -0.10 0.00	26.64 -0.05 0.00	25.31 0.04 0.00	24.36 0.06 0.00	27.65 0.04 0.00	24.23 -0.19 0.00	23.51 -0.10 0.00	23.89 -0.14 0.00	26.01 0.04 0.00	30.72 0.17 0.00	33.89 0.09 0.00	31.15 0.08 0.00	34.00 -0.34 0.00	38.01 -0.37 0.00	48.43 -0.22 0.00	68.86 0.28 0.00	66.00 0.23 0.00	47.35 0.01 0.00	39.75 -0.02 0.00	28.61 0.06 0.00	24.37 0.02 0.00
ROCKVIEW_13_KV_LD 356306	28.79 1.47 0.00	27.04 1.21 0.00	26.05 1.12 0.00	26.08 0.99 0.00	27.70 1.01 0.00	26.25 0.98 0.00	25.24 0.94 0.00	28.66 1.06 0.00	25.48 1.06 0.00	24.72 1.11 0.00	25.31 1.29 0.00	27.42 1.44 0.00	52.21 1.74 -19.91	54.91 2.01 -19.09	56.19 1.96 -23.16	42.00 2.20 -5.45	40.86 2.48 0.00	51.54 2.88 0.00	72.24 3.66 0.00	69.16 3.38 0.00	49.78 2.44 0.00	41.98 2.21 0.00	30.47 1.61 -0.32	34.51 1.33 -8.83
ROME____115KV_TB2 80656	28.05 0.74 0.00	26.49 0.67 0.00	25.58 0.65 0.00	25.79 0.70 0.00	27.57 0.88 0.00	26.11 0.85 0.00	25.13 0.83 0.00	28.54 0.94 0.00	25.16 0.75 0.00	24.28 0.67 0.00	24.58 0.56 0.00	26.43 0.45 0.00	31.05 0.51 0.00	34.59 0.78 0.00	31.70 0.63 0.00	35.13 0.79 0.00	39.34 0.96 0.00	50.36 1.71 0.00	71.54 2.96 0.00	68.84 3.06 -0.01	49.48 2.14 0.00	41.52 1.75 0.00	29.74 1.18 0.00	25.27 0.91 0.00
ROSETON____1 23587	28.39 1.08 0.00	26.70 0.88 0.00	25.76 0.83 0.00	25.82 0.72 0.00	27.42 0.73 0.00	25.98 0.71 0.00	24.97 0.67 0.00	28.36 0.75 0.00	25.17 0.76 0.00	24.39 0.78 0.00	24.94 0.91 0.00	26.98 1.01 0.00	50.19 1.21 -18.43	52.89 1.41 -17.67	53.90 1.39 -21.44	40.97 1.58 -5.05	40.15 1.77 0.00	50.70 2.05 0.00	71.16 2.58 0.00	68.12 2.35 0.00	49.07 1.73 0.00	41.34 1.57 0.00	29.96 1.12 -0.29	33.46 0.94 -8.17
ROSETON____2 23588	28.39 1.08 0.00	26.70 0.88 0.00	25.76 0.83 0.00	25.82 0.72 0.00	27.42 0.73 0.00	25.98 0.71 0.00	24.97 0.67 0.00	28.36 0.75 0.00	25.17 0.76 0.00	24.39 0.78 0.00	24.94 0.91 0.00	26.98 1.01 0.00	50.19 1.21 -18.43	52.89 1.41 -17.67	53.90 1.39 -21.44	40.97 1.58 -5.05	40.15 1.77 0.00	50.70 2.05 0.00	71.16 2.58 0.00	68.12 2.35 0.00	49.07 1.73 0.00	41.34 1.57 0.00	29.96 1.12 -0.29	33.46 0.94 -8.17
ROTTTRDAM_115KV_TB3 80664	28.04 0.72 0.00	26.46 0.64 0.00	25.56 0.62 0.00	25.71 0.62 0.00	27.33 0.64 0.00	25.85 0.58 0.00	24.86 0.56 0.00	28.22 0.62 0.00	24.92 0.50 0.00	24.04 0.43 0.00	24.42 0.39 0.00	26.39 0.41 0.00	17.73 0.55 13.37	21.63 0.64 12.82	16.10 0.59 15.56	31.50 0.83 3.66	39.35 0.97 0.00	49.79 1.14 0.00	70.15 1.57 0.00	67.31 1.54 0.00	48.58 1.25 0.00	40.82 1.05 0.00	29.08 0.74 0.21	19.05 0.63 5.93
RUSSELL____1 23602	27.39 0.07 0.00	25.96 0.14 0.00	24.93 -0.01 0.00	25.09 0.00 0.00	26.74 0.04 0.00	25.40 0.13 0.00	24.45 0.15 0.00	27.75 0.14 0.00	24.32 -0.10 0.00	23.61 -0.01 0.00	23.99 -0.04 0.00	26.14 0.16 0.00	30.88 0.33 0.00	34.08 0.27 0.00	31.33 0.26 0.00	34.18 -0.16 0.00	38.24 -0.14 0.00	48.78 0.12 0.00	69.36 0.77 0.00	66.43 0.65 0.00	47.65 0.31 0.00	40.00 0.23 0.00	28.76 0.21 0.00	24.49 0.14 0.00
RUSSELL____2 23532	27.39 0.07 0.00	25.96 0.14 0.00	24.93 -0.01 0.00	25.09 0.00 0.00	26.74 0.04 0.00	25.40 0.13 0.00	24.45 0.15 0.00	27.75 0.14 0.00	24.32 -0.10 0.00	23.61 -0.01 0.00	23.99 -0.04 0.00	26.14 0.16 0.00	30.88 0.33 0.00	34.08 0.27 0.00	31.33 0.26 0.00	34.18 -0.16 0.00	38.24 -0.14 0.00	48.78 0.12 0.00	69.36 0.77 0.00	66.43 0.65 0.00	47.65 0.31 0.00	40.00 0.23 0.00	28.76 0.21 0.00	24.49 0.14 0.00
RUSSELL____3 23549	27.39 0.07 0.00	25.96 0.14 0.00	24.93 -0.01 0.00	25.09 0.00 0.00	26.74 0.04 0.00	25.40 0.13 0.00	24.45 0.15 0.00	27.75 0.14 0.00	24.32 -0.10 0.00	23.61 -0.01 0.00	23.99 -0.04 0.00	26.14 0.16 0.00	30.88 0.33 0.00	34.08 0.27 0.00	31.33 0.26 0.00	34.18 -0.16 0.00	38.24 -0.14 0.00	48.78 0.12 0.00	69.36 0.77 0.00	66.43 0.65 0.00	47.65 0.31 0.00	40.00 0.23 0.00	28.76 0.21 0.00	24.49 0.14 0.00
RUSSELL____4 23556	27.39 0.07 0.00	25.96 0.14 0.00	24.93 -0.01 0.00	25.09 0.00 0.00	26.74 0.04 0.00	25.40 0.13 0.00	24.45 0.15 0.00	27.75 0.14 0.00	24.32 -0.10 0.00	23.61 -0.01 0.00	23.99 -0.04 0.00	26.14 0.16 0.00	30.88 0.33 0.00	34.08 0.27 0.00	31.33 0.26 0.00	34.18 -0.16 0.00	38.24 -0.14 0.00	48.78 0.12 0.00	69.36 0.77 0.00	66.43 0.65 0.00	47.65 0.31 0.00	40.00 0.23 0.00	28.76 0.21 0.00	24.49 0.14 0.00
RUSSELL____STATION 23914	27.39 0.07 0.00	25.96 0.14 0.00	24.93 -0.01 0.00	25.09 0.00 0.00	26.74 0.04 0.00	25.40 0.13 0.00	24.45 0.15 0.00	27.75 0.14 0.00	24.32 -0.10 0.00	23.61 -0.01 0.00	23.99 -0.04 0.00	26.14 0.16 0.00	30.88 0.33 0.00	34.08 0.27 0.00	31.33 0.26 0.00	34.18 -0.16 0.00	38.24 -0.14 0.00	48.78 0.12 0.00	69.36 0.77 0.00	66.43 0.65 0.00	47.65 0.31 0.00	40.00 0.23 0.00	28.76 0.21 0.00	24.49 0.14 0.00
S SALMON____HYD 24043	27.09 -0.22 0.00	25.62 -0.20 0.00	24.78 -0.16 0.00	25.05 -0.04 0.00	26.80 0.11 0.00	25.39 0.12 0.00	24.42 0.12 0.00	27.74 0.13 0.00	24.39 -0.02 0.00	23.56 -0.05 0.00	23.91 -0.12 0.00	25.73 -0.25 0.00	30.08 -0.47 0.00	33.29 -0.52 0.00	30.67 -0.40 0.00	33.79 -0.55 0.00	37.74 -0.63 0.00	48.12 -0.54 0.00	68.53 -0.05 0.00	66.21 0.39 -0.04	47.64 0.30 0.00	40.06 0.29 0.00	28.70 0.15 0.00	24.43 0.08 0.00
S.PERRY__115KV_TB1 80734	28.11 0.79 0.00	26.63 0.81 0.00	25.50 0.56 0.00	25.72 0.63 0.00	27.39 0.70 0.00	26.03 0.76 0.00	25.07 0.78 0.00	28.46 0.85 0.00	24.65 0.23 0.00	23.62 0.01 0.00	23.95 -0.07 0.00	26.06 0.09 0.00	30.83 0.28 0.00	34.06 0.25 0.00	31.47 0.40 0.00	34.28 -0.06 0.00	38.46 0.08 0.00	48.88 0.22 0.00	70.47 1.89 0.00	68.40 2.63 0.00	49.09 1.76 0.00	41.18 1.41 0.00	29.59 1.04 0.00	25.10 0.75 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.95 -0.36 0.00	25.64 -0.18 0.00	24.54 -0.40 0.00	24.74 -0.36 0.00	26.39 -0.31 0.00	25.13 -0.14 0.00	24.18 -0.12 0.00	27.43 -0.17 0.00	23.94 -0.48 0.00	23.36 -0.25 0.00	23.71 -0.32 0.00	25.85 -0.12 0.00	30.56 0.01 0.00	33.60 -0.21 0.00	30.87 -0.20 0.00	33.52 -0.81 0.00	37.17 -1.21 0.00	47.26 -1.40 0.00	67.38 -1.21 0.00	64.62 -1.16 0.00	46.25 -1.08 0.00	38.96 -0.80 0.00	28.20 -0.35 0.00	24.09 -0.26 0.00

SAWYER___23_KV_LOAD 55526	26.95 -0.36 0.00	25.64 -0.18 0.00	24.54 -0.40 0.00	24.74 -0.36 0.00	26.39 -0.31 0.00	25.13 -0.14 0.00	24.18 -0.12 0.00	27.43 -0.17 0.00	23.94 -0.48 0.00	23.36 -0.25 0.00	23.71 -0.32 0.00	25.85 -0.12 0.00	30.56 0.01 0.00	33.60 -0.21 0.00	30.87 -0.20 0.00	33.52 -0.81 0.00	37.17 -1.21 0.00	47.26 -1.40 0.00	67.38 -1.21 0.00	64.62 -1.16 0.00	46.25 -1.08 0.00	38.96 -0.80 0.00	28.20 -0.35 0.00	24.09 -0.26 0.00
SELKIRK___I 23801	27.91 0.59 0.00	26.39 0.57 0.00	25.52 0.59 0.00	25.66 0.57 0.00	27.25 0.56 0.00	25.78 0.51 0.00	24.78 0.49 0.00	28.11 0.50 0.00	24.83 0.41 0.00	23.91 0.30 0.00	24.32 0.29 0.00	26.28 0.30 0.00	21.83 0.40 9.11	25.50 0.43 8.73	20.84 0.37 10.59	32.38 0.53 2.50	39.07 0.69 0.00	49.38 0.72 0.00	69.55 0.97 0.00	66.74 0.96 0.00	48.22 0.89 0.00	40.52 0.75 0.00	28.95 0.54 0.14	20.80 0.49 4.04
SELKIRK___II 23799	27.77 0.45 0.00	26.24 0.42 0.00	25.37 0.43 0.00	25.50 0.41 0.00	27.08 0.39 0.00	25.62 0.35 0.00	24.63 0.34 0.00	27.96 0.35 0.00	24.75 0.33 0.00	23.90 0.29 0.00	24.33 0.31 0.00	26.30 0.32 0.00	20.19 0.41 10.77	23.92 0.44 10.32	18.96 0.41 12.52	31.95 0.57 2.95	39.01 0.64 0.00	49.29 0.64 0.00	69.29 0.70 0.00	66.43 0.65 0.00	48.00 0.66 0.00	40.34 0.57 0.00	28.79 0.41 0.17	19.95 0.37 4.77
SENECA OSWGO___HYD 24041	26.87 -0.44 0.00	25.45 -0.37 0.00	24.57 -0.37 0.00	24.74 -0.36 0.00	26.32 -0.37 0.00	24.91 -0.36 0.00	23.96 -0.33 0.00	27.22 -0.38 0.00	23.98 -0.44 0.00	23.18 -0.43 0.00	23.55 -0.48 0.00	25.43 -0.55 0.00	29.85 -0.70 0.00	33.07 -0.74 0.00	30.40 -0.67 0.00	33.53 -0.81 0.00	37.49 -0.89 0.00	47.65 -1.00 0.00	67.36 -1.22 0.00	64.75 -1.09 -0.07	46.57 -0.76 0.00	39.13 -0.64 0.00	28.10 -0.45 0.00	23.93 -0.42 0.00
SENECA___115KV_TB3 355854	27.14 -0.17 0.00	25.81 -0.01 0.00	24.68 -0.25 0.00	24.90 -0.19 0.00	26.56 -0.13 0.00	25.27 0.00 0.00	24.31 0.02 0.00	27.60 0.00 0.00	24.06 -0.36 0.00	23.47 -0.14 0.00	23.81 -0.21 0.00	25.99 0.01 0.00	30.72 0.17 0.00	33.81 0.00 0.00	31.09 0.02 0.00	33.80 -0.54 0.00	37.50 -0.88 0.00	47.71 -0.94 0.00	68.05 -0.53 0.00	65.30 -0.47 0.00	46.70 -0.63 0.00	39.34 -0.43 0.00	28.45 -0.10 0.00	24.25 -0.11 0.00
SENECA___ENERGY 23797	27.30 -0.02 0.00	25.87 0.05 0.00	24.88 -0.05 0.00	25.08 -0.02 0.00	26.67 -0.02 0.00	25.27 0.00 0.00	24.33 0.04 0.00	27.65 0.04 0.00	24.22 -0.20 0.00	23.33 -0.29 0.00	23.68 -0.35 0.00	25.65 -0.33 0.00	30.25 -0.30 0.00	33.48 -0.33 0.00	30.82 -0.25 0.00	33.93 -0.41 0.00	37.95 -0.43 0.00	48.25 -0.40 0.00	68.64 0.06 0.00	66.02 -0.22 -0.03	47.42 0.08 0.00	39.85 0.08 0.00	28.62 0.07 0.00	24.34 -0.02 0.00
SHOEMAKER___GT 23640	28.26 0.94 0.00	26.59 0.76 0.00	25.65 0.71 0.00	25.73 0.63 0.00	27.34 0.64 0.00	25.88 0.61 0.00	24.87 0.58 0.00	28.26 0.65 0.00	25.04 0.62 0.00	24.21 0.59 0.00	24.71 0.68 0.00	26.74 0.77 0.00	47.95 0.94 -16.46	50.70 1.11 -15.78	51.36 1.15 -19.15	40.17 1.32 -4.51	39.86 1.48 0.00	50.45 1.80 0.00	70.91 2.33 0.00	67.94 2.17 0.00	48.92 1.59 0.00	41.19 1.42 0.00	29.83 1.02 -0.26	32.49 0.84 -7.30
SHOEMAKR_138KV_BK 111 55601	28.26 0.94 0.00	26.58 0.76 0.00	25.64 0.70 0.00	25.72 0.62 0.00	27.33 0.63 0.00	25.87 0.60 0.00	24.87 0.57 0.00	28.24 0.64 0.00	25.04 0.62 0.00	24.22 0.61 0.00	24.73 0.71 0.00	26.77 0.80 0.00	47.77 0.96 -16.26	50.54 1.15 -15.59	51.15 1.17 -18.91	40.13 1.34 -4.45	39.89 1.52 0.00	50.46 1.81 0.00	70.91 2.33 0.00	67.92 2.15 0.00	48.90 1.57 0.00	41.18 1.41 0.00	29.82 1.01 -0.26	32.39 0.83 -7.21
SHOREHAM_IC_1 23715	28.63 1.31 0.00	26.81 0.99 0.00	25.84 0.90 0.00	25.78 0.69 0.00	27.29 0.60 0.00	25.90 0.63 0.00	24.92 0.63 0.00	28.17 0.56 0.00	25.23 0.81 0.00	24.52 0.91 0.00	25.17 1.14 0.00	27.27 1.30 0.00	52.37 1.72 -20.10	60.04 1.88 -24.36	62.00 1.90 -29.04	45.42 2.13 -8.95	44.52 2.35 -3.79	51.22 2.57 0.00	71.60 3.02 0.00	68.60 2.82 0.00	49.49 2.15 0.00	41.93 2.16 0.00	30.41 1.54 -0.32	34.36 1.18 -8.83
SHOREHAM_IC_2 23716	28.62 1.31 0.00	26.81 0.99 0.00	25.84 0.90 0.00	25.78 0.69 0.00	27.29 0.60 0.00	25.90 0.63 0.00	24.93 0.63 0.00	28.17 0.56 0.00	25.23 0.82 0.00	24.53 0.92 0.00	25.17 1.14 0.00	27.28 1.30 0.00	52.35 1.70 -20.10	60.05 1.88 -24.36	61.96 1.86 -29.04	45.40 2.11 -8.95	44.52 2.35 -3.79	51.22 2.57 0.00	71.61 3.02 0.00	68.60 2.82 0.00	49.49 2.15 0.00	41.93 2.16 0.00	30.41 1.54 -0.32	34.34 1.16 -8.83
SISSONVILLE____ 23735	27.47 0.15 0.00	25.94 0.12 0.00	25.07 0.13 0.00	25.23 0.14 0.00	26.95 0.26 0.00	25.63 0.36 0.00	24.64 0.35 0.00	28.04 0.44 0.00	24.74 0.32 0.00	23.85 0.24 0.00	24.28 0.25 0.00	26.23 0.25 0.00	30.84 0.29 0.00	34.09 0.28 0.00	31.27 0.20 0.00	34.47 0.13 0.00	38.51 0.13 0.00	49.08 0.43 0.00	69.88 1.30 0.00	67.52 1.74 -0.01	48.40 1.06 0.00	40.47 0.70 0.00	28.93 0.38 0.00	24.69 0.34 0.00
SITHE_IND_GS1 24169	26.58 -0.74 0.00	25.20 -0.62 0.00	24.32 -0.62 0.00	24.48 -0.61 0.00	26.05 -0.64 0.00	24.66 -0.61 0.00	23.73 -0.57 0.00	26.95 -0.66 0.00	23.76 -0.66 0.00	22.98 -0.63 0.00	23.36 -0.66 0.00	25.22 -0.75 0.00	29.56 -0.99 0.00	32.74 -1.07 0.00	30.09 -0.98 0.00	33.19 -1.15 0.00	37.11 -1.27 0.00	47.11 -1.55 0.00	66.43 -2.15 0.00	63.53 -2.05 0.19	45.91 -1.42 0.00	38.60 -1.17 0.00	27.72 -0.83 0.00	23.64 -0.71 0.00
SITHE_IND_GS2 24170	26.58 -0.74 0.00	25.20 -0.62 0.00	24.32 -0.62 0.00	24.48 -0.61 0.00	26.05 -0.64 0.00	24.66 -0.61 0.00	23.73 -0.57 0.00	26.95 -0.66 0.00	23.76 -0.66 0.00	22.98 -0.63 0.00	23.36 -0.66 0.00	25.22 -0.75 0.00	29.56 -0.99 0.00	32.74 -1.07 0.00	30.09 -0.98 0.00	33.19 -1.15 0.00	37.11 -1.27 0.00	47.11 -1.55 0.00	66.43 -2.15 0.00	63.53 -2.05 0.19	45.91 -1.42 0.00	38.60 -1.17 0.00	27.72 -0.83 0.00	23.64 -0.71 0.00
SITHE_IND_GS3 24171	26.58 -0.74 0.00	25.20 -0.62 0.00	24.32 -0.62 0.00	24.48 -0.61 0.00	26.05 -0.64 0.00	24.66 -0.61 0.00	23.73 -0.57 0.00	26.95 -0.66 0.00	23.76 -0.66 0.00	22.98 -0.63 0.00	23.36 -0.66 0.00	25.22 -0.75 0.00	29.56 -0.99 0.00	32.74 -1.07 0.00	30.09 -0.98 0.00	33.19 -1.15 0.00	37.11 -1.27 0.00	47.11 -1.55 0.00	66.43 -2.15 0.00	63.53 -2.05 0.19	45.91 -1.42 0.00	38.60 -1.17 0.00	27.72 -0.83 0.00	23.64 -0.71 0.00
SITHE_IND_GS4 24172	26.58 -0.74 0.00	25.20 -0.62 0.00	24.32 -0.62 0.00	24.48 -0.61 0.00	26.05 -0.64 0.00	24.66 -0.61 0.00	23.73 -0.57 0.00	26.95 -0.66 0.00	23.76 -0.66 0.00	22.98 -0.63 0.00	23.36 -0.66 0.00	25.22 -0.75 0.00	29.56 -0.99 0.00	32.74 -1.07 0.00	30.09 -0.98 0.00	33.19 -1.15 0.00	37.11 -1.27 0.00	47.11 -1.55 0.00	66.43 -2.15 0.00	63.53 -2.05 0.19	45.91 -1.42 0.00	38.60 -1.17 0.00	27.72 -0.83 0.00	23.64 -0.71 0.00

SITHE___BATAVIA 24024	27.57 0.26 0.00	26.19 0.37 0.00	25.08 0.14 0.00	25.23 0.14 0.00	26.91 0.22 0.00	25.62 0.35 0.00	24.68 0.39 0.00	27.96 0.35 0.00	24.35 -0.07 0.00	23.57 -0.04 0.00	23.90 -0.12 0.00	25.98 0.00 0.00	30.71 0.16 0.00	33.96 0.15 0.00	31.17 0.10 0.00	34.40 0.06 0.00	37.76 -0.62 0.00	48.17 -0.48 0.00	69.17 0.59 0.00	66.61 0.83 0.00	47.72 0.39 0.00	40.09 0.31 0.00	28.90 0.35 0.00	24.62 0.27 0.00
SITHE___INDEPEND 23800	26.58 -0.74 0.00	25.20 -0.62 0.00	24.32 -0.62 0.00	24.48 -0.61 0.00	26.05 -0.64 0.00	24.66 -0.61 0.00	23.73 -0.57 0.00	26.95 -0.66 0.00	23.76 -0.66 0.00	22.98 -0.63 0.00	23.36 -0.66 0.00	25.22 -0.75 0.00	29.56 -0.99 0.00	32.74 -1.07 0.00	30.10 -0.97 0.00	33.19 -1.14 0.00	37.11 -1.27 0.00	47.10 -1.55 0.00	66.43 -2.15 0.00	63.53 -2.05 0.19	45.91 -1.43 0.00	38.60 -1.17 0.00	27.72 -0.83 0.00	23.64 -0.71 0.00
SITHE___MASSENA 23902	27.32 0.01 0.00	25.83 0.01 0.00	24.94 0.00 0.00	25.07 -0.02 0.00	26.71 0.02 0.00	25.38 0.11 0.00	24.39 0.10 0.00	27.76 0.16 0.00	24.55 0.13 0.00	23.73 0.11 0.00	24.15 0.13 0.00	26.12 0.14 0.00	30.76 0.21 0.00	33.99 0.18 0.00	31.16 0.10 0.00	34.37 0.03 0.00	38.39 0.01 0.00	48.78 0.13 0.00	69.10 0.52 0.00	66.48 0.71 0.00	47.68 0.35 0.00	39.91 0.14 0.00	28.59 0.03 0.00	24.42 0.07 0.00
SITHE___OGDNSBRG 24021	27.78 0.46 0.00	26.24 0.42 0.00	25.33 0.39 0.00	25.47 0.38 0.00	27.17 0.48 0.00	25.84 0.57 0.00	24.86 0.56 0.00	28.28 0.67 0.00	24.89 0.47 0.00	23.92 0.31 0.00	24.32 0.30 0.00	26.25 0.28 0.00	30.89 0.34 0.00	34.13 0.32 0.00	31.30 0.23 0.00	34.50 0.16 0.00	38.55 0.17 0.00	49.13 0.48 0.00	70.18 1.60 0.00	68.17 2.39 0.00	48.86 1.52 0.00	40.81 1.04 0.00	29.18 0.62 0.00	24.89 0.54 0.00
SITHE___STERLING 23777	27.92 0.60 0.00	26.37 0.55 0.00	25.44 0.50 0.00	25.63 0.54 0.00	27.35 0.65 0.00	25.90 0.63 0.00	24.92 0.62 0.00	28.31 0.70 0.00	24.97 0.55 0.00	24.11 0.50 0.00	24.41 0.38 0.00	26.30 0.32 0.00	30.91 0.37 0.00	34.37 0.56 0.00	31.52 0.45 0.00	34.90 0.57 0.00	39.10 0.72 0.00	49.94 1.29 0.00	70.81 2.23 0.00	68.11 2.32 -0.01	48.98 1.64 0.00	41.10 1.33 0.00	29.47 0.92 0.00	25.06 0.70 0.00
SLEIGHT__34_KV_TB1 80719	27.10 -0.21 0.00	25.68 -0.14 0.00	24.69 -0.24 0.00	24.87 -0.22 0.00	26.48 -0.21 0.00	25.13 -0.14 0.00	24.19 -0.11 0.00	27.46 -0.14 0.00	24.08 -0.34 0.00	23.26 -0.35 0.00	23.63 -0.39 0.00	25.64 -0.33 0.00	30.25 -0.30 0.00	33.49 -0.32 0.00	30.79 -0.28 0.00	33.75 -0.59 0.00	37.74 -0.64 0.00	48.08 -0.57 0.00	68.45 -0.13 0.00	65.65 -0.13 -0.01	47.17 -0.16 0.00	39.56 -0.21 0.00	28.40 -0.15 0.00	24.19 -0.16 0.00
SMITHTWN_69_KV_BK 1 55830	28.98 1.66 0.00	27.15 1.32 0.00	26.15 1.21 0.00	26.11 1.01 0.00	27.64 0.95 0.00	26.22 0.95 0.00	25.22 0.93 0.00	28.54 0.93 0.00	25.54 1.12 0.00	24.82 1.21 0.00	25.48 1.46 0.00	27.66 1.68 0.00	52.80 2.14 -20.10	60.61 2.42 -24.38	62.51 2.37 -29.07	45.89 2.58 -8.97	45.02 2.83 -3.81	51.81 3.16 0.00	72.41 3.83 0.00	69.32 3.55 0.00	49.97 2.63 0.00	42.36 2.60 0.00	30.77 1.90 -0.32	34.65 1.47 -8.83
SOUTH CAIRO___GT 23612	28.46 1.15 0.00	26.88 1.06 0.00	25.98 1.04 0.00	26.10 1.00 0.00	27.71 1.02 0.00	26.25 0.98 0.00	25.26 0.96 0.00	28.70 1.09 0.00	25.32 0.90 0.00	24.25 0.64 0.00	24.53 0.50 0.00	26.47 0.50 0.00	24.91 0.77 6.41	28.44 0.77 6.14	24.32 0.71 7.45	33.81 1.22 1.76	40.02 1.64 0.00	50.76 2.11 0.00	71.72 3.14 0.00	69.00 3.23 0.00	49.84 2.50 0.00	41.70 1.93 0.00	29.74 1.29 0.10	22.56 1.05 2.84
SOUTH HAMPTN___IC 23720	29.08 1.77 0.00	27.23 1.41 0.00	26.24 1.31 0.00	26.20 1.11 0.00	27.72 1.03 0.00	26.32 1.05 0.00	25.31 1.02 0.00	28.62 1.01 0.00	25.64 1.22 0.00	24.96 1.34 0.00	25.64 1.62 0.00	27.80 1.83 0.00	52.96 2.31 -20.10	60.65 2.49 -24.35	62.58 2.48 -29.03	46.11 2.82 -8.95	45.33 3.17 -3.79	52.25 3.60 0.00	73.06 4.48 0.00	69.94 4.17 0.00	50.40 3.07 0.00	42.67 2.91 0.00	30.92 2.05 -0.32	34.77 1.59 -8.83
SOUTHDOW_115KV_TB1 355954	27.58 0.26 0.00	26.25 0.43 0.00	25.06 0.12 0.00	25.34 0.24 0.00	27.01 0.32 0.00	25.66 0.39 0.00	24.67 0.37 0.00	28.14 0.53 0.00	24.50 0.08 0.00	23.89 0.28 0.00	24.25 0.23 0.00	26.46 0.49 0.00	31.30 0.75 0.00	34.47 0.66 0.00	31.67 0.60 0.00	34.44 0.10 0.00	38.24 -0.14 0.00	48.87 0.21 0.00	69.74 1.16 0.00	66.97 1.19 0.00	47.75 0.41 0.00	40.22 0.45 0.00	29.05 0.49 0.00	24.60 0.25 0.00
SOUTHOLD_69_KV_BK 2 55809	29.57 2.26 0.00	27.70 1.88 0.00	26.69 1.76 0.00	26.65 1.56 0.00	28.20 1.51 0.00	26.77 1.50 0.00	25.75 1.46 0.00	29.10 1.49 0.00	26.09 1.67 0.00	25.42 1.81 0.00	26.15 2.12 0.00	28.34 2.36 0.00	53.54 2.89 -20.10	61.32 3.16 -24.35	63.18 3.08 -29.03	46.84 3.55 -8.95	46.21 4.05 -3.79	53.45 4.80 0.00	74.74 6.16 0.00	71.50 5.72 0.00	51.45 4.12 0.00	43.55 3.79 0.00	31.50 2.64 -0.32	35.21 2.03 -8.83
SOUTHOLD___IC 23719	29.58 2.26 0.00	27.70 1.88 0.00	26.69 1.76 0.00	26.65 1.56 0.00	28.20 1.50 0.00	26.78 1.51 0.00	25.75 1.46 0.00	29.09 1.49 0.00	26.08 1.66 0.00	25.42 1.81 0.00	26.14 2.12 0.00	28.34 2.36 0.00	53.56 2.91 -20.10	61.32 3.16 -24.35	63.22 3.12 -29.03	46.86 3.57 -8.95	46.21 4.04 -3.79	53.45 4.80 0.00	74.74 6.16 0.00	71.50 5.72 0.00	51.45 4.11 0.00	43.56 3.79 0.00	31.50 2.64 -0.32	35.23 2.05 -8.83
SOUTH_FORK_WT_PWR 323839	29.65 2.33 0.00	27.78 1.96 0.00	26.78 1.84 0.00	26.75 1.65 0.00	28.28 1.59 0.00	26.87 1.60 0.00	25.84 1.54 0.00	29.16 1.56 0.00	26.15 1.73 0.00	25.48 1.87 0.00	26.22 2.19 0.00	28.41 2.44 0.00	53.61 2.96 -20.10	61.35 3.19 -24.35	63.25 3.15 -29.03	46.90 3.61 -8.95	46.27 4.11 -3.79	53.57 4.92 0.00	74.90 6.32 0.00	71.64 5.87 0.00	51.55 4.21 0.00	43.66 3.89 0.00	31.58 2.72 -0.32	35.29 2.11 -8.83
SPIERFLS_115KV_TB 1 80737	29.71 2.40 0.00	27.97 2.15 0.00	26.95 2.02 0.00	27.07 1.98 0.00	28.79 2.10 0.00	27.31 2.05 0.00	26.34 2.04 0.00	29.96 2.35 0.00	26.36 1.94 0.00	25.31 1.70 0.00	25.30 1.27 0.00	27.30 1.32 0.00	12.08 1.76 20.23	16.49 2.08 19.39	9.51 1.97 23.52	31.49 2.69 5.54	41.56 3.18 0.00	52.70 4.04 0.00	74.95 6.37 0.00	71.97 6.19 0.00	52.12 4.79 0.00	43.64 3.87 0.00	30.87 2.64 0.32	17.60 2.21 8.96
ST LAWRENCE____ 23600	27.13 -0.19 0.00	25.65 -0.17 0.00	24.78 -0.16 0.00	24.91 -0.18 0.00	26.52 -0.17 0.00	25.16 -0.11 0.00	24.19 -0.11 0.00	27.52 -0.08 0.00	24.38 -0.04 0.00	23.57 -0.04 0.00	24.00 -0.02 0.00	25.98 0.00 0.00	30.59 0.04 0.00	33.77 -0.03 0.00	30.97 -0.09 0.00	34.20 -0.14 0.00	38.21 -0.17 0.00	48.52 -0.13 0.00	68.55 -0.04 0.00	65.80 0.03 0.00	47.22 -0.11 0.00	39.57 -0.20 0.00	28.37 -0.18 0.00	24.23 -0.12 0.00

STATE_CA_115KV_115_LB 55624	27.82 0.50 0.00	26.30 0.48 0.00	25.43 0.49 0.00	25.55 0.46 0.00	27.12 0.43 0.00	25.68 0.41 0.00	24.69 0.39 0.00	28.02 0.41 0.00	24.80 0.38 0.00	23.96 0.34 0.00	24.37 0.35 0.00	26.34 0.37 0.00	15.50 0.50 15.54	19.41 0.51 14.90	13.50 0.51 18.08	30.80 0.72 4.26	39.19 0.81 0.00	49.49 0.84 0.00	69.58 1.00 0.00	66.71 0.93 0.00	48.19 0.86 0.00	40.47 0.70 0.00	28.79 0.49 0.25	17.90 0.44 6.89
STATE_ST_34_KV_LOAD 55959	27.49 0.18 0.00	26.05 0.23 0.00	25.09 0.16 0.00	25.29 0.20 0.00	26.91 0.22 0.00	25.48 0.21 0.00	24.51 0.22 0.00	27.83 0.22 0.00	24.43 0.01 0.00	23.47 -0.14 0.00	23.90 -0.12 0.00	25.86 -0.12 0.00	30.44 -0.11 0.00	33.72 -0.09 0.00	31.05 -0.02 0.00	34.23 -0.10 0.00	38.28 -0.09 0.00	48.60 -0.05 0.00	69.11 0.53 0.00	66.19 0.39 -0.03	47.73 0.40 0.00	40.10 0.33 0.00	28.70 0.14 0.00	24.48 0.13 0.00
STATION_5_MISC_HYD 23604	27.27 -0.04 0.00	25.86 0.04 0.00	24.83 -0.10 0.00	25.00 -0.10 0.00	26.64 -0.05 0.00	25.31 0.04 0.00	24.36 0.06 0.00	27.65 0.04 0.00	24.23 -0.19 0.00	23.52 -0.09 0.00	23.89 -0.13 0.00	26.01 0.04 0.00	30.73 0.18 0.00	33.90 0.09 0.00	31.15 0.09 0.00	34.00 -0.34 0.00	38.03 -0.34 0.00	48.44 -0.22 0.00	68.86 0.28 0.00	66.00 0.23 0.00	47.34 0.00 0.00	39.75 -0.02 0.00	28.61 0.05 0.00	24.37 0.02 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.22 -0.09 0.00	25.80 -0.02 0.00	24.80 -0.14 0.00	24.98 -0.11 0.00	26.59 -0.10 0.00	25.23 -0.03 0.00	24.30 0.00 0.00	27.60 -0.01 0.00	24.19 -0.23 0.00	23.39 -0.22 0.00	23.76 -0.27 0.00	25.81 -0.17 0.00	30.46 -0.09 0.00	33.66 -0.15 0.00	30.95 -0.12 0.00	33.92 -0.42 0.00	37.90 -0.48 0.00	48.32 -0.34 0.00	68.70 0.12 0.00	65.93 0.15 -0.01	47.31 -0.03 0.00	39.71 -0.06 0.00	28.55 0.00 0.00	24.30 -0.05 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.11 -0.20 0.00	25.70 -0.12 0.00	24.69 -0.24 0.00	24.86 -0.24 0.00	26.48 -0.21 0.00	25.16 -0.11 0.00	24.21 -0.08 0.00	27.49 -0.12 0.00	24.10 -0.32 0.00	23.38 -0.23 0.00	23.75 -0.27 0.00	25.86 -0.12 0.00	30.54 -0.01 0.00	33.70 -0.10 0.00	30.97 -0.09 0.00	33.82 -0.52 0.00	37.82 -0.56 0.00	48.20 -0.46 0.00	68.50 -0.08 0.00	65.66 -0.12 0.00	47.09 -0.24 0.00	39.52 -0.25 0.00	28.43 -0.12 0.00	24.22 -0.13 0.00
STA_56___34_KV_BUS2 355983	27.11 -0.20 0.00	25.70 -0.12 0.00	24.69 -0.24 0.00	24.86 -0.24 0.00	26.48 -0.21 0.00	25.16 -0.11 0.00	24.21 -0.08 0.00	27.49 -0.12 0.00	24.10 -0.32 0.00	23.38 -0.23 0.00	23.75 -0.27 0.00	25.86 -0.12 0.00	30.54 -0.01 0.00	33.70 -0.10 0.00	30.97 -0.09 0.00	33.82 -0.52 0.00	37.82 -0.56 0.00	48.20 -0.46 0.00	68.50 -0.08 0.00	65.66 -0.12 0.00	47.09 -0.24 0.00	39.52 -0.25 0.00	28.43 -0.12 0.00	24.22 -0.13 0.00
STA_67___115KV_BK2 355882	27.22 -0.10 0.00	25.81 -0.01 0.00	24.78 -0.15 0.00	24.95 -0.14 0.00	26.59 -0.10 0.00	25.27 -0.01 0.00	24.31 0.02 0.00	27.61 0.00 0.00	24.19 -0.23 0.00	23.47 -0.14 0.00	23.85 -0.18 0.00	25.96 -0.02 0.00	30.65 0.10 0.00	33.81 0.01 0.00	31.08 0.01 0.00	33.93 -0.42 0.00	37.90 -0.48 0.00	48.29 -0.37 0.00	68.65 0.07 0.00	65.82 0.05 0.00	47.21 -0.12 0.00	39.64 -0.13 0.00	28.54 -0.01 0.00	24.32 -0.03 0.00
STA_7___115KV_9TRANS 80674	27.39 0.07 0.00	25.96 0.14 0.00	24.93 -0.01 0.00	25.09 0.00 0.00	26.74 0.04 0.00	25.40 0.13 0.00	24.45 0.15 0.00	27.75 0.14 0.00	24.32 -0.10 0.00	23.61 -0.01 0.00	23.99 -0.04 0.00	26.14 0.16 0.00	30.88 0.33 0.00	34.08 0.27 0.00	31.33 0.26 0.00	34.18 -0.16 0.00	38.24 -0.14 0.00	48.78 0.12 0.00	69.36 0.77 0.00	66.43 0.65 0.00	47.65 0.31 0.00	40.00 0.23 0.00	28.76 0.21 0.00	24.49 0.14 0.00
STA_82___115KV_TB1 80780	27.22 -0.09 0.00	25.82 0.00 0.00	24.79 -0.14 0.00	24.96 -0.13 0.00	26.59 -0.10 0.00	25.27 0.00 0.00	24.32 0.02 0.00	27.61 0.00 0.00	24.19 -0.22 0.00	23.48 -0.13 0.00	23.85 -0.18 0.00	25.96 -0.02 0.00	30.65 0.10 0.00	33.82 0.01 0.00	31.08 0.01 0.00	33.93 -0.41 0.00	37.90 -0.47 0.00	48.31 -0.35 0.00	68.70 0.12 0.00	65.85 0.08 0.00	47.24 -0.09 0.00	39.65 -0.12 0.00	28.55 0.00 0.00	24.32 -0.03 0.00
STEEL___WIND 323596	27.12 -0.20 0.00	25.79 -0.03 0.00	24.67 -0.27 0.00	24.88 -0.21 0.00	26.53 -0.16 0.00	25.24 -0.02 0.00	24.28 -0.02 0.00	27.59 -0.02 0.00	24.04 -0.38 0.00	23.45 -0.16 0.00	23.79 -0.24 0.00	25.96 -0.02 0.00	30.69 0.14 0.00	33.76 -0.05 0.00	31.08 0.01 0.00	33.75 -0.59 0.00	37.48 -0.90 0.00	47.65 -1.00 0.00	67.99 -0.60 0.00	65.27 -0.50 0.00	46.63 -0.70 0.00	39.29 -0.48 0.00	28.42 -0.14 0.00	24.20 -0.15 0.00
STEPHTWN_115KV_BK_2 55603	27.96 0.65 0.00	26.38 0.56 0.00	25.43 0.49 0.00	25.59 0.50 0.00	27.21 0.52 0.00	25.76 0.49 0.00	24.79 0.49 0.00	28.13 0.52 0.00	24.88 0.46 0.00	24.03 0.41 0.00	24.46 0.44 0.00	26.43 0.45 0.00	16.19 0.62 14.98	20.04 0.60 14.36	14.24 0.59 17.42	31.11 0.88 4.10	39.39 1.01 0.00	49.84 1.18 0.00	70.06 1.48 0.00	67.09 1.31 0.00	48.38 1.05 0.00	40.59 0.82 0.00	28.88 0.57 0.24	18.23 0.52 6.64
STEBEN_REC_LFGE 323667	27.54 0.23 0.00	26.10 0.28 0.00	24.93 0.00 0.00	25.18 0.08 0.00	26.75 0.06 0.00	25.43 0.17 0.00	24.53 0.23 0.00	27.92 0.32 0.00	24.15 -0.27 0.00	23.34 -0.27 0.00	23.59 -0.44 0.00	25.59 -0.38 0.00	30.28 -0.27 0.00	33.44 -0.37 0.00	30.83 -0.24 0.00	33.68 -0.66 0.00	37.70 -0.68 0.00	47.96 -0.69 0.00	68.79 0.21 0.00	66.64 0.85 -0.01	47.70 0.36 0.00	40.16 0.39 0.00	28.93 0.38 0.00	24.47 0.11 0.00
STILLWATER___SOLAR 323814	29.00 1.69 0.00	27.33 1.51 0.00	26.37 1.43 0.00	26.51 1.42 0.00	28.18 1.49 0.00	26.71 1.45 0.00	25.72 1.42 0.00	29.21 1.61 0.00	25.73 1.32 0.00	24.75 1.14 0.00	24.98 0.95 0.00	26.96 0.98 0.00	10.87 1.31 20.99	15.19 1.51 20.12	8.08 1.42 24.41	30.57 1.98 5.75	40.64 2.26 0.00	51.52 2.86 0.00	72.83 4.24 0.00	69.89 4.12 0.00	50.53 3.20 0.00	42.36 2.58 0.00	30.01 1.80 0.33	16.56 1.51 9.30
STONY___BROOK 24151	28.95 1.64 0.00	27.12 1.30 0.00	26.13 1.19 0.00	26.08 0.99 0.00	27.61 0.92 0.00	26.20 0.93 0.00	25.21 0.91 0.00	28.52 0.91 0.00	25.52 1.10 0.00	24.81 1.20 0.00	25.47 1.44 0.00	27.63 1.66 0.00	52.78 2.13 -20.10	60.54 2.36 -24.37	62.48 2.35 -29.05	45.85 2.54 -8.96	44.97 2.79 -3.80	51.76 3.11 0.00	72.34 3.76 0.00	69.25 3.48 0.00	49.94 2.61 0.00	42.33 2.56 0.00	30.73 1.86 -0.32	34.63 1.45 -8.83
STURGEON_POOL_HYD 23609	28.57 1.26 0.00	26.85 1.03 0.00	25.90 0.97 0.00	25.95 0.86 0.00	27.57 0.87 0.00	26.10 0.84 0.00	25.09 0.80 0.00	28.49 0.89 0.00	25.31 0.89 0.00	24.52 0.91 0.00	25.07 1.05 0.00	27.13 1.16 0.00	41.10 1.40 -9.15	44.23 1.65 -8.77	43.32 1.61 -10.64	38.67 1.83 -2.51	40.45 2.08 0.00	51.14 2.49 0.00	71.78 3.20 0.00	68.70 2.93 0.00	49.51 2.17 0.00	41.66 1.89 0.00	30.02 1.33 -0.14	29.49 1.08 -4.06

ST_LAW_115_BK7_LBMP 345037	27.12 -0.20 0.00	25.64 -0.18 0.00	24.76 -0.18 0.00	24.89 -0.20 0.00	26.50 -0.19 0.00	25.16 -0.11 0.00	24.18 -0.12 0.00	27.52 -0.09 0.00	24.37 -0.05 0.00	23.56 -0.04 0.00	24.00 -0.02 0.00	25.97 -0.01 0.00	30.58 0.03 0.00	33.76 -0.04 0.00	30.96 -0.11 0.00	34.18 -0.15 0.00	38.18 -0.20 0.00	48.49 -0.16 0.00	68.52 -0.06 0.00	65.79 0.02 0.00	47.21 -0.13 0.00	39.55 -0.23 0.00	28.35 -0.20 0.00	24.21 -0.14 0.00
ST_LAW_115_BK8_LBMP 345038	27.12 -0.20 0.00	25.64 -0.18 0.00	24.76 -0.18 0.00	24.89 -0.20 0.00	26.50 -0.19 0.00	25.16 -0.11 0.00	24.18 -0.12 0.00	27.52 -0.09 0.00	24.37 -0.05 0.00	23.56 -0.04 0.00	24.00 -0.02 0.00	25.97 -0.01 0.00	30.58 0.03 0.00	33.76 -0.04 0.00	30.96 -0.11 0.00	34.18 -0.15 0.00	38.18 -0.20 0.00	48.49 -0.16 0.00	68.52 -0.06 0.00	65.79 0.02 0.00	47.21 -0.13 0.00	39.55 -0.23 0.00	28.35 -0.20 0.00	24.21 -0.14 0.00
ST_LAW_230_BK5_LBMP 345035	27.13 -0.19 0.00	25.65 -0.17 0.00	24.78 -0.16 0.00	24.91 -0.18 0.00	26.52 -0.17 0.00	25.16 -0.11 0.00	24.19 -0.11 0.00	27.52 -0.08 0.00	24.38 -0.04 0.00	23.57 -0.04 0.00	24.00 -0.02 0.00	25.98 0.00 0.00	30.59 0.04 0.00	33.77 -0.03 0.00	30.97 -0.09 0.00	34.20 -0.14 0.00	38.21 -0.17 0.00	48.52 -0.13 0.00	68.55 -0.04 0.00	65.80 0.03 0.00	47.22 -0.11 0.00	39.57 -0.20 0.00	28.37 -0.18 0.00	24.23 -0.12 0.00
ST_LAW_230_BK6_LBMP 345036	27.13 -0.19 0.00	25.65 -0.17 0.00	24.78 -0.16 0.00	24.91 -0.18 0.00	26.52 -0.17 0.00	25.16 -0.11 0.00	24.19 -0.11 0.00	27.52 -0.08 0.00	24.38 -0.04 0.00	23.57 -0.04 0.00	24.00 -0.02 0.00	25.98 0.00 0.00	30.59 0.04 0.00	33.77 -0.03 0.00	30.97 -0.09 0.00	34.20 -0.14 0.00	38.21 -0.17 0.00	48.52 -0.13 0.00	68.55 -0.04 0.00	65.80 0.03 0.00	47.22 -0.11 0.00	39.57 -0.20 0.00	28.37 -0.18 0.00	24.23 -0.12 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.38 1.06 0.00	26.67 0.84 0.00	25.72 0.79 0.00	25.78 0.69 0.00	27.39 0.70 0.00	25.95 0.68 0.00	24.94 0.65 0.00	28.34 0.73 0.00	25.14 0.72 0.00	24.35 0.74 0.00	24.90 0.87 0.00	26.97 1.00 0.00	48.90 1.21 -17.14	51.68 1.44 -16.43	52.43 1.43 -19.93	40.64 1.61 -4.70	40.20 1.83 0.00	50.80 2.15 0.00	71.31 2.73 0.00	68.27 2.49 0.00	49.12 1.79 0.00	41.38 1.61 0.00	29.98 1.16 -0.27	32.91 0.96 -7.60
SWANROAD_115KV_TB1 355699	26.57 -0.75 0.00	25.32 -0.50 0.00	24.24 -0.70 0.00	24.42 -0.68 0.00	26.05 -0.65 0.00	24.83 -0.44 0.00	23.94 -0.36 0.00	27.04 -0.57 0.00	23.60 -0.82 0.00	23.02 -0.58 0.00	23.30 -0.73 0.00	25.39 -0.59 0.00	30.00 -0.54 0.00	32.97 -0.84 0.00	30.27 -0.79 0.00	32.91 -1.43 0.00	36.39 -1.98 0.00	46.26 -2.39 0.00	65.98 -2.60 0.00	63.32 -2.45 0.00	45.38 -1.96 0.00	38.27 -1.50 0.00	27.72 -0.83 0.00	23.73 -0.62 0.00
SYNERGY___BIOGAS 323694	27.57 0.25 0.00	26.19 0.37 0.00	25.08 0.14 0.00	25.23 0.14 0.00	26.91 0.22 0.00	25.62 0.35 0.00	24.68 0.38 0.00	27.95 0.34 0.00	24.35 -0.07 0.00	23.56 -0.05 0.00	23.90 -0.13 0.00	25.98 0.00 0.00	30.71 0.16 0.00	33.96 0.16 0.00	31.16 0.09 0.00	34.41 0.07 0.00	37.72 -0.66 0.00	48.17 -0.48 0.00	69.17 0.59 0.00	66.61 0.83 0.00	47.74 0.40 0.00	40.09 0.31 0.00	28.90 0.35 0.00	24.62 0.27 0.00
SYRACUSE___ENERGY_ST1 323597	27.22 -0.09 0.00	25.78 -0.04 0.00	24.87 -0.07 0.00	25.05 -0.05 0.00	26.65 -0.04 0.00	25.22 -0.05 0.00	24.26 -0.03 0.00	27.55 -0.06 0.00	24.24 -0.18 0.00	23.40 -0.20 0.00	23.82 -0.21 0.00	25.74 -0.23 0.00	30.25 -0.30 0.00	33.51 -0.29 0.00	30.85 -0.22 0.00	34.04 -0.30 0.00	38.06 -0.32 0.00	48.35 -0.31 0.00	68.37 -0.21 0.00	65.61 -0.20 -0.04	47.21 -0.13 0.00	39.65 -0.12 0.00	28.47 -0.08 0.00	24.25 -0.10 0.00
SYRACUSE___ENERGY_ST2 323598	27.22 -0.09 0.00	25.78 -0.04 0.00	24.87 -0.07 0.00	25.05 -0.05 0.00	26.65 -0.04 0.00	25.22 -0.05 0.00	24.26 -0.03 0.00	27.55 -0.06 0.00	24.24 -0.18 0.00	23.40 -0.20 0.00	23.82 -0.21 0.00	25.74 -0.23 0.00	30.25 -0.30 0.00	33.51 -0.29 0.00	30.85 -0.22 0.00	34.04 -0.30 0.00	38.06 -0.32 0.00	48.35 -0.31 0.00	68.37 -0.21 0.00	65.61 -0.20 -0.04	47.21 -0.13 0.00	39.65 -0.12 0.00	28.47 -0.08 0.00	24.25 -0.10 0.00
SYRACUSE___POWER 24017	27.22 -0.10 0.00	25.77 -0.05 0.00	24.85 -0.09 0.00	25.03 -0.06 0.00	26.63 -0.06 0.00	25.20 -0.07 0.00	24.24 -0.05 0.00	27.53 -0.08 0.00	24.24 -0.18 0.00	23.41 -0.20 0.00	23.80 -0.22 0.00	25.72 -0.26 0.00	30.23 -0.32 0.00	33.50 -0.31 0.00	30.84 -0.23 0.00	34.01 -0.33 0.00	38.04 -0.34 0.00	48.35 -0.30 0.00	68.31 -0.27 0.00	65.58 -0.22 -0.02	47.17 -0.16 0.00	39.62 -0.15 0.00	28.47 -0.08 0.00	24.26 -0.09 0.00
TALLMAN__138KV_BK151 55660	28.53 1.22 0.00	26.78 0.96 0.00	25.82 0.88 0.00	25.87 0.78 0.00	27.48 0.79 0.00	26.05 0.78 0.00	25.03 0.74 0.00	28.45 0.84 0.00	25.25 0.83 0.00	24.49 0.88 0.00	25.05 1.03 0.00	27.17 1.19 0.00	50.28 1.45 -18.28	53.05 1.71 -17.53	54.03 1.69 -21.26	41.23 1.88 -5.01	40.49 2.11 0.00	51.11 2.45 0.00	71.70 3.12 0.00	68.63 2.86 0.00	49.34 2.01 0.00	41.60 1.83 0.00	30.17 1.33 -0.29	33.57 1.11 -8.10
TEALLAVE_115KV_TB7 355573	27.09 -0.22 0.00	25.65 -0.17 0.00	24.74 -0.20 0.00	24.92 -0.17 0.00	26.51 -0.18 0.00	25.09 -0.18 0.00	24.14 -0.15 0.00	27.42 -0.19 0.00	24.14 -0.27 0.00	23.34 -0.27 0.00	23.74 -0.29 0.00	25.65 -0.33 0.00	30.13 -0.42 0.00	33.38 -0.43 0.00	30.72 -0.35 0.00	33.86 -0.48 0.00	37.82 -0.55 0.00	48.06 -0.59 0.00	67.88 -0.70 0.00	65.14 -0.65 -0.02	46.87 -0.47 0.00	39.37 -0.40 0.00	28.31 -0.24 0.00	24.13 -0.22 0.00
TELGRAPH_34_KV_EAST 80808	27.09 -0.22 0.00	25.78 -0.04 0.00	24.69 -0.25 0.00	24.86 -0.24 0.00	26.51 -0.19 0.00	25.26 -0.01 0.00	24.32 0.03 0.00	27.52 -0.08 0.00	24.01 -0.41 0.00	23.35 -0.26 0.00	23.69 -0.33 0.00	25.78 -0.20 0.00	30.45 -0.10 0.00	33.52 -0.29 0.00	30.79 -0.28 0.00	33.85 -0.49 0.00	37.15 -1.22 0.00	47.31 -1.34 0.00	67.66 -0.92 0.00	65.03 -0.75 0.00	46.60 -0.74 0.00	39.20 -0.57 0.00	28.34 -0.21 0.00	24.21 -0.15 0.00
TEMPLE___115KV_TB 2 55572	27.10 -0.22 0.00	25.66 -0.16 0.00	24.75 -0.19 0.00	24.93 -0.17 0.00	26.52 -0.17 0.00	25.10 -0.17 0.00	24.14 -0.15 0.00	27.42 -0.19 0.00	24.15 -0.27 0.00	23.35 -0.26 0.00	23.75 -0.28 0.00	25.66 -0.31 0.00	30.15 -0.40 0.00	33.40 -0.41 0.00	30.74 -0.33 0.00	33.88 -0.46 0.00	37.85 -0.53 0.00	48.08 -0.57 0.00	67.91 -0.67 0.00	65.17 -0.62 -0.02	46.89 -0.45 0.00	39.40 -0.37 0.00	28.32 -0.23 0.00	24.14 -0.21 0.00
TIANA____69_KV_BK 1 55817	28.97 1.66 0.00	27.14 1.32 0.00	26.14 1.21 0.00	26.10 1.00 0.00	27.62 0.92 0.00	26.21 0.94 0.00	25.23 0.93 0.00	28.51 0.90 0.00	25.55 1.13 0.00	24.86 1.25 0.00	25.54 1.51 0.00	27.68 1.71 0.00	52.81 2.16 -20.10	60.52 2.36 -24.35	62.42 2.33 -29.03	45.95 2.66 -8.95	45.15 2.99 -3.79	52.04 3.38 0.00	72.72 4.14 0.00	69.64 3.86 0.00	50.20 2.86 0.00	42.52 2.75 0.00	30.80 1.94 -0.32	34.66 1.48 -8.83

TILDEN___115KV_TB1 80814	27.22 -0.10 0.00	25.77 -0.05 0.00	24.85 -0.09 0.00	25.03 -0.06 0.00	26.63 -0.06 0.00	25.20 -0.07 0.00	24.24 -0.05 0.00	27.53 -0.08 0.00	24.24 -0.18 0.00	23.41 -0.20 0.00	23.80 -0.22 0.00	25.72 -0.26 0.00	30.23 -0.32 0.00	33.50 -0.31 0.00	30.84 -0.23 0.00	34.01 -0.33 0.00	38.04 -0.34 0.00	48.35 -0.30 0.00	68.31 -0.27 0.00	65.58 -0.22 -0.02	47.17 -0.16 0.00	39.62 -0.15 0.00	28.47 -0.08 0.00	24.26 -0.09 0.00
TRIGEN___CC 323695	28.81 1.50 0.00	27.03 1.21 0.00	26.04 1.11 0.00	26.04 0.95 0.00	27.63 0.94 0.00	26.19 0.91 0.00	25.17 0.87 0.00	28.54 0.93 0.00	25.45 1.03 0.00	24.73 1.12 0.00	25.36 1.33 0.00	27.49 1.51 0.00	52.63 1.84 -20.24	64.24 2.05 -28.38	66.59 1.99 -33.53	48.13 2.16 -11.63	47.45 2.38 -6.69	51.33 2.67 0.00	71.84 3.26 0.00	68.82 3.05 0.00	49.61 2.27 0.00	42.00 2.24 0.00	30.49 1.63 -0.32	34.48 1.30 -8.83
TRINITY__115KV__4 BK 55933	27.71 0.40 0.00	26.20 0.38 0.00	25.33 0.39 0.00	25.46 0.36 0.00	27.02 0.32 0.00	25.58 0.31 0.00	24.60 0.31 0.00	27.92 0.31 0.00	24.72 0.29 0.00	23.88 0.26 0.00	24.29 0.27 0.00	26.25 0.27 0.00	15.81 0.36 15.10	19.69 0.36 14.48	13.87 0.36 17.56	30.74 0.54 4.14	38.97 0.60 0.00	49.21 0.56 0.00	69.17 0.59 0.00	66.32 0.54 0.00	47.94 0.60 0.00	40.27 0.50 0.00	28.66 0.35 0.24	17.99 0.33 6.69
UNION___PROCESSING_DRP 323587	27.23 -0.08 0.00	25.83 0.01 0.00	24.80 -0.14 0.00	24.97 -0.13 0.00	26.60 -0.09 0.00	25.28 0.01 0.00	24.32 0.03 0.00	27.62 0.01 0.00	24.20 -0.22 0.00	23.48 -0.13 0.00	23.85 -0.18 0.00	25.96 -0.02 0.00	30.66 0.11 0.00	33.83 0.02 0.00	31.08 0.02 0.00	33.94 -0.40 0.00	37.91 -0.47 0.00	48.31 -0.34 0.00	68.71 0.13 0.00	65.87 0.10 0.00	47.25 -0.08 0.00	39.67 -0.10 0.00	28.55 0.00 0.00	24.33 -0.02 0.00
UPPER HUDSON___HYD 24058	29.71 2.40 0.00	27.97 2.15 0.00	26.95 2.02 0.00	27.07 1.98 0.00	28.79 2.10 0.00	27.31 2.05 0.00	26.34 2.04 0.00	29.95 2.35 0.00	26.36 1.94 0.00	25.31 1.70 0.00	25.30 1.27 0.00	27.30 1.32 0.00	12.09 1.76 20.23	16.49 2.07 19.39	9.50 1.96 23.52	31.49 2.69 5.54	41.56 3.19 0.00	52.70 4.04 0.00	74.94 6.36 0.00	71.96 6.19 0.00	52.12 4.79 0.00	43.64 3.87 0.00	30.87 2.64 0.32	17.60 2.21 8.96
UPPER RAQUET___HYD 24056	27.47 0.16 0.00	25.94 0.12 0.00	25.07 0.13 0.00	25.23 0.14 0.00	26.95 0.26 0.00	25.63 0.36 0.00	24.64 0.35 0.00	28.05 0.44 0.00	24.74 0.32 0.00	23.85 0.24 0.00	24.28 0.25 0.00	26.23 0.25 0.00	30.84 0.29 0.00	34.09 0.28 0.00	31.27 0.20 0.00	34.47 0.13 0.00	38.50 0.13 0.00	49.08 0.43 0.00	69.88 1.30 0.00	67.52 1.74 -0.01	48.40 1.06 0.00	40.47 0.70 0.00	28.93 0.38 0.00	24.69 0.34 0.00
VALLEY44_115KV_TB2 355964	26.98 -0.34 0.00	25.69 -0.13 0.00	24.57 -0.37 0.00	24.79 -0.31 0.00	26.45 -0.25 0.00	25.16 -0.11 0.00	24.19 -0.10 0.00	27.57 -0.03 0.00	24.01 -0.41 0.00	23.39 -0.22 0.00	23.74 -0.28 0.00	25.81 -0.17 0.00	30.55 0.00 0.00	33.68 -0.13 0.00	30.83 -0.23 0.00	33.64 -0.70 0.00	37.36 -1.02 0.00	47.43 -1.23 0.00	67.65 -0.93 0.00	64.98 -0.80 0.00	46.45 -0.88 0.00	39.20 -0.57 0.00	28.40 -0.15 0.00	24.10 -0.25 0.00
VALLEY___115KV_TB 1-4 80826	27.94 0.62 0.00	26.38 0.56 0.00	25.48 0.54 0.00	25.64 0.55 0.00	27.24 0.55 0.00	25.72 0.45 0.00	24.76 0.46 0.00	28.10 0.49 0.00	24.72 0.30 0.00	23.73 0.12 0.00	23.99 -0.03 0.00	25.92 -0.06 0.00	30.62 0.07 0.00	33.87 0.06 0.00	31.20 0.14 0.00	34.82 0.48 0.00	39.10 0.72 0.00	49.59 0.93 0.00	70.11 1.53 0.00	67.38 1.61 0.00	48.61 1.27 0.00	40.75 0.98 0.00	29.21 0.66 0.00	24.86 0.51 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.20 0.88 0.00	26.62 0.80 0.00	25.74 0.81 0.00	25.94 0.85 0.00	27.56 0.86 0.00	26.00 0.73 0.00	25.00 0.70 0.00	28.41 0.80 0.00	25.10 0.68 0.00	24.30 0.69 0.00	24.71 0.69 0.00	26.74 0.76 0.00	31.50 0.95 0.00	34.88 1.07 0.00	32.07 1.00 0.00	35.45 1.11 0.00	39.68 1.30 0.00	50.38 1.73 0.00	70.98 2.40 0.00	67.95 2.17 -0.01	48.94 1.60 0.00	41.15 1.38 0.00	29.52 0.97 0.00	25.12 0.77 0.00
VISCHER___FERRY HYD 24020	28.36 1.05 0.00	26.74 0.92 0.00	25.83 0.89 0.00	25.98 0.88 0.00	27.59 0.90 0.00	26.15 0.88 0.00	25.15 0.85 0.00	28.56 0.95 0.00	25.24 0.82 0.00	24.36 0.75 0.00	24.70 0.68 0.00	26.66 0.68 0.00	6.43 0.89 25.01	10.83 0.99 23.98	2.88 0.90 29.09	28.73 1.25 6.85	39.76 1.39 0.00	50.25 1.60 0.00	70.72 2.14 0.00	67.86 2.08 0.00	49.10 1.76 0.00	41.20 1.44 0.00	29.17 1.02 0.40	14.17 0.90 11.09
V_A_10_SYNC_DSASP 323832	26.91 -0.41 0.00	25.57 -0.25 0.00	24.51 -0.42 0.00	24.70 -0.40 0.00	26.34 -0.35 0.00	25.07 -0.20 0.00	24.12 -0.17 0.00	27.39 -0.22 0.00	23.95 -0.47 0.00	23.32 -0.29 0.00	23.67 -0.35 0.00	25.78 -0.20 0.00	30.46 -0.09 0.00	33.52 -0.29 0.00	30.76 -0.31 0.00	33.47 -0.86 0.00	37.20 -1.18 0.00	47.27 -1.38 0.00	67.29 -1.29 0.00	64.53 -1.25 0.00	46.24 -1.10 0.00	38.91 -0.86 0.00	28.13 -0.42 0.00	24.04 -0.31 0.00
V_CMM_10_SYNC_DSASP 323787	27.26 -0.05 0.00	25.78 -0.04 0.00	24.90 -0.04 0.00	25.02 -0.07 0.00	26.65 -0.04 0.00	25.29 0.02 0.00	24.32 0.02 0.00	27.67 0.06 0.00	24.50 0.08 0.00	23.69 0.08 0.00	24.12 0.10 0.00	26.11 0.13 0.00	30.75 0.20 0.00	33.95 0.14 0.00	31.13 0.06 0.00	34.36 0.02 0.00	38.38 0.00 0.00	48.76 0.10 0.00	68.91 0.33 0.00	66.16 0.38 0.00	47.46 0.13 0.00	39.76 -0.01 0.00	28.50 -0.05 0.00	24.35 0.00 0.00
V_CMP_10_SYNC_DSASP 323788	28.26 0.94 0.00	26.69 0.87 0.00	25.78 0.84 0.00	25.92 0.83 0.00	27.57 0.87 0.00	26.31 1.04 0.00	25.33 1.03 0.00	28.79 1.18 0.00	25.42 1.00 0.00	24.51 0.90 0.00	25.02 1.00 0.00	27.21 1.23 0.00	31.90 1.36 0.00	35.38 1.57 0.00	32.41 1.34 0.00	35.92 1.58 0.00	40.24 1.87 0.00	50.90 2.24 0.00	72.19 3.61 0.00	69.82 4.05 0.00	50.18 2.85 0.00	41.85 2.07 0.00	29.83 1.28 0.00	25.43 1.08 0.00
V_D_10_SYNC_DSASP 323841	27.33 0.02 0.00	25.83 0.01 0.00	24.94 0.01 0.00	25.08 -0.02 0.00	26.72 0.02 0.00	25.38 0.11 0.00	24.40 0.10 0.00	27.77 0.16 0.00	24.56 0.14 0.00	23.73 0.12 0.00	24.16 0.14 0.00	26.14 0.16 0.00	30.77 0.22 0.00	34.00 0.19 0.00	31.17 0.10 0.00	34.37 0.03 0.00	38.39 0.01 0.00	48.81 0.15 0.00	69.10 0.52 0.00	66.49 0.71 0.00	47.69 0.35 0.00	39.92 0.15 0.00	28.59 0.04 0.00	24.42 0.07 0.00
V_E_10_SYNC_DSASP 323830	28.91 1.59 0.00	27.34 1.52 0.00	26.27 1.33 0.00	26.47 1.38 0.00	28.19 1.50 0.00	26.73 1.46 0.00	25.74 1.44 0.00	29.11 1.50 0.00	25.49 1.08 0.00	24.53 0.92 0.00	24.67 0.64 0.00	26.67 0.70 0.00	31.41 0.86 0.00	34.87 1.06 0.00	32.29 1.22 0.00	35.64 1.30 0.00	39.93 1.56 0.00	51.59 2.93 0.00	73.55 4.98 0.00	70.98 5.19 -0.02	50.54 3.21 0.00	42.37 2.60 0.00	30.36 1.81 0.00	25.74 1.39 0.00



V_F_30_NSYNC___DSASP 323816	29.05 1.73 0.00	27.37 1.55 0.00	26.40 1.46 0.00	26.54 1.45 0.00	28.22 1.53 0.00	26.75 1.48 0.00	25.74 1.45 0.00	29.25 1.64 0.00	25.77 1.35 0.00	24.80 1.19 0.00	25.03 1.01 0.00	27.03 1.05 0.00	11.85 1.39 20.09	16.14 1.59 19.26	9.21 1.51 23.36	30.90 2.06 5.50	40.75 2.37 0.00	51.62 2.97 0.00	72.98 4.40 0.00	70.03 4.26 0.00	50.62 3.28 0.00	42.43 2.66 0.00	30.07 1.84 0.32	17.00 1.55 8.90
V_F_30_SYNC_DSASP 323786	27.82 0.50 0.00	26.29 0.47 0.00	25.43 0.49 0.00	25.55 0.46 0.00	27.12 0.43 0.00	25.68 0.41 0.00	24.69 0.39 0.00	28.02 0.41 0.00	24.80 0.38 0.00	23.96 0.34 0.00	24.37 0.34 0.00	26.34 0.37 0.00	15.54 0.50 15.50	19.44 0.50 14.86	13.54 0.50 18.03	30.80 0.71 4.25	39.18 0.81 0.00	49.48 0.83 0.00	69.58 1.00 0.00	66.70 0.92 0.00	48.19 0.85 0.00	40.47 0.70 0.00	28.79 0.49 0.25	17.91 0.43 6.87
V_XM_10_SYNC_DSASP 323789	28.26 0.94 0.00	26.69 0.87 0.00	25.78 0.84 0.00	25.92 0.83 0.00	27.57 0.87 0.00	26.31 1.04 0.00	25.33 1.03 0.00	28.79 1.18 0.00	25.42 1.00 0.00	24.51 0.90 0.00	25.02 1.00 0.00	27.21 1.23 0.00	31.90 1.36 0.00	35.38 1.57 0.00	32.41 1.34 0.00	35.92 1.58 0.00	40.24 1.87 0.00	50.90 2.24 0.00	72.19 3.61 0.00	69.82 4.05 0.00	50.18 2.85 0.00	41.85 2.07 0.00	29.83 1.28 0.00	25.43 1.08 0.00
W.BABYLN_69_KV_BK1 56697	29.23 1.92 0.00	27.40 1.58 0.00	26.38 1.44 0.00	26.34 1.25 0.00	27.92 1.23 0.00	26.45 1.18 0.00	25.44 1.14 0.00	28.77 1.16 0.00	25.74 1.32 0.00	25.01 1.40 0.00	25.68 1.66 0.00	27.86 1.88 0.00	53.01 2.34 -20.12	61.31 2.60 -24.90	63.24 2.54 -29.64	46.45 2.80 -9.31	45.67 3.11 -4.18	52.18 3.53 0.00	72.94 4.35 0.00	69.87 4.09 0.00	50.39 3.05 0.00	42.71 2.94 0.00	30.99 2.12 -0.32	34.86 1.68 -8.83
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.67 1.36 0.00	26.92 1.10 0.00	25.95 1.02 0.00	26.00 0.90 0.00	27.62 0.93 0.00	26.18 0.91 0.00	25.16 0.87 0.00	28.59 0.98 0.00	25.39 0.97 0.00	24.61 1.00 0.00	25.18 1.16 0.00	27.31 1.33 0.00	50.81 1.62 -18.64	53.57 1.89 -17.87	54.62 1.87 -21.68	41.54 2.09 -5.11	40.74 2.36 0.00	51.43 2.77 0.00	72.16 3.59 0.00	69.05 3.27 0.00	49.65 2.32 0.00	41.85 2.08 0.00	30.35 1.50 -0.30	33.86 1.25 -8.26
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.81 1.50 0.00	27.05 1.22 0.00	26.06 1.13 0.00	26.08 0.98 0.00	27.71 1.02 0.00	26.27 1.00 0.00	25.24 0.94 0.00	28.69 1.08 0.00	25.53 1.11 0.00	24.78 1.17 0.00	25.37 1.34 0.00	27.47 1.49 0.00	52.26 1.80 -19.91	54.96 2.07 -19.09	56.26 2.03 -23.16	42.05 2.26 -5.45	40.92 2.54 0.00	51.57 2.92 0.00	72.26 3.68 0.00	69.16 3.38 0.00	49.76 2.42 0.00	42.00 2.23 0.00	30.49 1.63 -0.32	34.53 1.35 -8.82
W50THST__13_KV_LOAD 356117	28.94 1.63 0.00	27.16 1.34 0.00	26.17 1.24 0.00	26.19 1.10 0.00	27.82 1.13 0.00	26.37 1.10 0.00	25.36 1.06 0.00	28.82 1.21 0.00	25.65 1.23 0.00	24.90 1.29 0.00	25.51 1.48 0.00	27.63 1.65 0.00	52.45 1.99 -19.91	55.17 2.27 -19.09	56.46 2.23 -23.16	42.27 2.47 -5.45	41.15 2.77 0.00	51.86 3.21 0.00	72.64 4.06 0.00	69.51 3.73 0.00	50.00 2.67 0.00	42.21 2.44 0.00	30.65 1.78 -0.32	34.66 1.48 -8.82
WADING RIVER_IC_1 23522	28.59 1.27 0.00	26.78 0.96 0.00	25.81 0.87 0.00	25.76 0.66 0.00	27.25 0.56 0.00	25.87 0.61 0.00	24.89 0.60 0.00	28.13 0.52 0.00	25.20 0.78 0.00	24.50 0.89 0.00	25.15 1.12 0.00	27.27 1.29 0.00	52.34 1.70 -20.10	60.00 1.84 -24.35	61.97 1.87 -29.03	45.39 2.10 -8.95	44.48 2.32 -3.78	51.20 2.54 0.00	71.59 3.01 0.00	68.57 2.80 0.00	49.46 2.13 0.00	41.93 2.16 0.00	30.41 1.55 -0.32	34.38 1.20 -8.83
WADING RIVER_IC_2 23547	28.59 1.27 0.00	26.78 0.96 0.00	25.81 0.87 0.00	25.76 0.66 0.00	27.25 0.56 0.00	25.87 0.61 0.00	24.89 0.60 0.00	28.13 0.52 0.00	25.20 0.78 0.00	24.50 0.89 0.00	25.15 1.12 0.00	27.27 1.29 0.00	52.34 1.70 -20.10	60.00 1.84 -24.35	61.97 1.87 -29.03	45.39 2.10 -8.95	44.48 2.32 -3.78	51.20 2.54 0.00	71.59 3.01 0.00	68.57 2.80 0.00	49.46 2.13 0.00	41.93 2.16 0.00	30.41 1.55 -0.32	34.38 1.20 -8.83
WADING RIVER_IC_3 23601	28.59 1.27 0.00	26.78 0.96 0.00	25.81 0.87 0.00	25.76 0.66 0.00	27.25 0.56 0.00	25.87 0.61 0.00	24.89 0.60 0.00	28.13 0.52 0.00	25.20 0.78 0.00	24.50 0.89 0.00	25.15 1.12 0.00	27.27 1.29 0.00	52.34 1.70 -20.10	60.00 1.84 -24.35	61.97 1.87 -29.03	45.39 2.10 -8.95	44.48 2.32 -3.78	51.20 2.54 0.00	71.59 3.01 0.00	68.57 2.80 0.00	49.46 2.13 0.00	41.93 2.16 0.00	30.41 1.55 -0.32	34.38 1.20 -8.83
WALDENNY_12_KV_BK2 80841	27.13 -0.19 0.00	25.80 -0.02 0.00	24.68 -0.25 0.00	24.89 -0.20 0.00	26.54 -0.15 0.00	25.26 -0.01 0.00	24.31 0.02 0.00	27.60 -0.01 0.00	24.06 -0.36 0.00	23.47 -0.15 0.00	23.81 -0.22 0.00	25.98 0.01 0.00	30.73 0.18 0.00	33.81 0.00 0.00	31.09 0.02 0.00	33.79 -0.54 0.00	37.50 -0.88 0.00	47.71 -0.94 0.00	68.05 -0.53 0.00	65.27 -0.50 0.00	46.70 -0.63 0.00	39.33 -0.45 0.00	28.44 -0.11 0.00	24.25 -0.10 0.00
WALDEN___HYDRO 24148	28.48 1.16 0.00	26.77 0.94 0.00	25.80 0.87 0.00	25.87 0.77 0.00	27.48 0.78 0.00	26.03 0.76 0.00	25.02 0.72 0.00	28.43 0.82 0.00	25.22 0.80 0.00	24.42 0.81 0.00	24.96 0.93 0.00	27.03 1.06 0.00	47.83 1.28 -16.00	50.67 1.52 -15.34	51.20 1.51 -18.61	40.45 1.72 -4.38	40.37 1.99 0.00	50.99 2.34 0.00	71.64 3.06 0.00	68.59 2.82 0.00	49.36 2.02 0.00	41.55 1.78 0.00	30.07 1.27 -0.25	32.49 1.05 -7.09
WARRENSBURG____ 23737	29.71 2.40 0.00	27.97 2.15 0.00	26.95 2.02 0.00	27.07 1.98 0.00	28.79 2.10 0.00	27.31 2.05 0.00	26.34 2.04 0.00	29.96 2.35 0.00	26.36 1.94 0.00	25.31 1.70 0.00	25.30 1.27 0.00	27.30 1.32 0.00	12.08 1.76 20.23	16.49 2.08 19.39	9.51 1.97 23.52	31.49 2.69 5.54	41.56 3.18 0.00	52.70 4.04 0.00	74.95 6.37 0.00	71.97 6.19 0.00	52.12 4.79 0.00	43.64 3.87 0.00	30.87 2.64 0.32	17.60 2.21 8.96
WATERSIDE___6 8 9 23538	28.82 1.51 0.00	27.05 1.23 0.00	26.08 1.15 0.00	26.08 0.99 0.00	27.72 1.03 0.00	26.27 1.01 0.00	25.27 0.97 0.00	28.69 1.08 0.00	25.55 1.13 0.00	24.79 1.17 0.00	25.36 1.34 0.00	27.48 1.50 0.00	52.26 1.80 -19.91	54.98 2.08 -19.09	56.27 2.04 -23.16	42.05 2.25 -5.45	40.92 2.54 0.00	51.57 2.91 0.00	72.24 3.66 0.00	69.14 3.37 0.00	49.76 2.43 0.00	42.02 2.25 0.00	30.50 1.64 -0.32	34.54 1.36 -8.83
WATKINRD_115KV_LN8_ILLION 55919	27.75 0.44 0.00	26.21 0.39 0.00	25.31 0.37 0.00	25.48 0.38 0.00	27.08 0.38 0.00	25.59 0.32 0.00	24.61 0.32 0.00	27.94 0.33 0.00	24.61 0.19 0.00	23.68 0.07 0.00	23.98 -0.04 0.00	25.92 -0.06 0.00	30.57 0.02 0.00	33.84 0.03 0.00	31.16 0.09 0.00	34.67 0.33 0.00	38.88 0.50 0.00	49.29 0.64 0.00	69.63 1.05 0.00	66.88 1.11 0.00	48.24 0.90 0.00	40.47 0.70 0.00	29.03 0.48 0.00	24.72 0.36 0.00

WDELAWARE___HYD 323627	28.15 0.84 0.00	26.46 0.64 0.00	25.53 0.59 0.00	25.59 0.50 0.00	27.19 0.50 0.00	25.74 0.47 0.00	24.75 0.46 0.00	28.13 0.52 0.00	24.93 0.51 0.00	24.08 0.47 0.00	24.57 0.55 0.00	26.57 0.60 0.00	42.52 0.75 -11.22	45.42 0.85 -10.76	44.39 0.27 -13.05	37.75 0.34 -3.08	38.75 0.37 0.00	49.20 0.55 0.00	69.17 0.58 0.00	66.51 0.74 0.00	49.02 1.68 0.00	41.22 1.45 0.00	29.70 0.97 -0.18	30.07 0.75 -4.98
WEST BABYLON___IC 23714	29.23 1.92 0.00	27.40 1.58 0.00	26.38 1.44 0.00	26.34 1.25 0.00	27.92 1.23 0.00	26.45 1.18 0.00	25.44 1.14 0.00	28.77 1.16 0.00	25.74 1.32 0.00	25.01 1.40 0.00	25.68 1.66 0.00	27.86 1.88 0.00	53.01 2.34 -20.12	61.31 2.60 -24.90	63.24 2.54 -29.64	46.45 2.80 -9.31	45.67 3.11 -4.18	52.18 3.53 0.00	72.94 4.35 0.00	69.87 4.09 0.00	50.39 3.05 0.00	42.71 2.94 0.00	30.99 2.12 -0.32	34.86 1.68 -8.83
WEST CANADA___HYD 24049	27.42 0.11 0.00	25.91 0.09 0.00	25.03 0.10 0.00	25.20 0.11 0.00	26.81 0.12 0.00	25.37 0.10 0.00	24.39 0.10 0.00	27.70 0.09 0.00	24.49 0.07 0.00	23.68 0.07 0.00	24.07 0.05 0.00	26.02 0.05 0.00	30.59 0.04 0.00	33.88 0.07 0.00	31.13 0.06 0.00	34.47 0.13 0.00	38.53 0.15 0.00	48.85 0.20 0.00	68.80 0.22 0.00	65.98 0.21 0.00	47.54 0.20 0.00	39.96 0.19 0.00	28.69 0.14 0.00	24.45 0.10 0.00
WESTERN_NY_WIND 24143	27.54 0.23 0.00	26.16 0.34 0.00	25.06 0.12 0.00	25.21 0.12 0.00	26.89 0.19 0.00	25.61 0.34 0.00	24.66 0.37 0.00	27.93 0.33 0.00	24.32 -0.10 0.00	23.55 -0.06 0.00	23.89 -0.14 0.00	25.96 -0.02 0.00	30.68 0.13 0.00	33.94 0.13 0.00	31.13 0.06 0.00	34.40 0.06 0.00	37.67 -0.71 0.00	48.11 -0.54 0.00	69.07 0.49 0.00	66.51 0.74 0.00	47.68 0.34 0.00	40.03 0.27 0.00	28.86 0.31 0.00	24.60 0.24 0.00
WESTOVER___LESR 323668	27.37 0.05 0.00	25.95 0.13 0.00	24.97 0.03 0.00	25.23 0.14 0.00	26.83 0.14 0.00	25.33 0.05 0.00	24.35 0.05 0.00	27.70 0.10 0.00	24.30 -0.12 0.00	23.52 -0.09 0.00	23.92 -0.10 0.00	25.94 -0.04 0.00	30.53 -0.02 0.00	33.77 -0.03 0.00	31.14 0.07 0.00	34.31 -0.03 0.00	38.31 -0.07 0.00	48.70 0.05 0.00	68.89 0.32 0.00	66.12 0.33 -0.01	47.47 0.13 0.00	40.01 0.23 0.00	28.76 0.21 0.00	24.39 0.04 0.00
WETHRSFD_WT_PWR 323626	27.09 -0.22 0.00	25.75 -0.07 0.00	24.64 -0.29 0.00	24.89 -0.20 0.00	26.51 -0.18 0.00	25.19 -0.08 0.00	24.25 -0.05 0.00	27.54 -0.07 0.00	23.87 -0.55 0.00	23.13 -0.48 0.00	23.44 -0.59 0.00	25.53 -0.45 0.00	30.17 -0.37 0.00	33.27 -0.54 0.00	30.64 -0.43 0.00	33.36 -0.98 0.00	37.21 -1.16 0.00	47.23 -1.43 0.00	67.66 -0.92 0.00	65.18 -0.59 0.00	46.67 -0.66 0.00	39.35 -0.42 0.00	28.41 -0.14 0.00	24.16 -0.19 0.00
WHAVSTOR_138KV_BK127 55557	28.51 1.20 0.00	26.77 0.95 0.00	25.82 0.88 0.00	25.86 0.77 0.00	27.47 0.78 0.00	26.04 0.77 0.00	25.03 0.73 0.00	28.44 0.83 0.00	25.25 0.83 0.00	24.48 0.87 0.00	25.05 1.02 0.00	27.15 1.17 0.00	50.67 1.42 -18.70	53.40 1.66 -17.93	54.47 1.65 -21.75	41.30 1.84 -5.12	40.44 2.06 0.00	51.03 2.38 0.00	71.59 3.01 0.00	68.52 2.75 0.00	49.30 1.96 0.00	41.56 1.79 0.00	30.16 1.31 -0.30	33.73 1.09 -8.29
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.51 1.20 0.00	26.77 0.95 0.00	25.82 0.88 0.00	25.86 0.77 0.00	27.47 0.78 0.00	26.04 0.77 0.00	25.03 0.73 0.00	28.44 0.83 0.00	25.25 0.83 0.00	24.48 0.87 0.00	25.05 1.02 0.00	27.15 1.17 0.00	50.67 1.42 -18.70	53.40 1.66 -17.93	54.47 1.65 -21.75	41.30 1.84 -5.12	40.44 2.06 0.00	51.03 2.38 0.00	71.59 3.01 0.00	68.52 2.75 0.00	49.30 1.96 0.00	41.56 1.79 0.00	30.16 1.31 -0.30	33.73 1.09 -8.29
WHITEHAL_115KV_TB1 80871	30.43 3.11 0.00	28.59 2.77 0.00	27.49 2.55 0.00	27.51 2.42 0.00	29.26 2.57 0.00	27.86 2.59 0.00	27.02 2.73 0.00	30.76 3.15 0.00	26.97 2.55 0.00	25.79 2.18 0.00	25.68 1.65 0.00	27.48 1.50 0.00	12.10 2.07 20.52	16.82 2.68 19.67	9.69 2.49 23.86	32.11 3.39 5.62	42.55 4.18 0.00	53.75 5.10 0.00	75.96 7.38 0.00	73.17 7.40 0.00	53.15 5.82 0.00	44.64 4.87 0.00	31.57 3.35 0.33	18.19 2.94 9.09
WHITEPLN_13_KV_LOAD 356215	28.92 1.60 0.00	27.16 1.33 0.00	26.17 1.23 0.00	26.20 1.10 0.00	27.82 1.13 0.00	26.37 1.10 0.00	25.35 1.05 0.00	28.79 1.18 0.00	25.60 1.18 0.00	24.82 1.21 0.00	25.41 1.39 0.00	27.54 1.56 0.00	52.31 1.90 -19.86	55.05 2.20 -19.04	56.31 2.14 -23.10	42.19 2.41 -5.44	41.10 2.72 0.00	51.89 3.24 0.00	72.75 4.17 0.00	69.64 3.87 0.00	50.10 2.77 0.00	42.22 2.45 0.00	30.63 1.76 -0.31	34.60 1.45 -8.80
WM_FLOYD_69_KV_BK2 356380	28.87 1.55 0.00	27.05 1.23 0.00	26.06 1.12 0.00	26.01 0.92 0.00	27.53 0.84 0.00	26.13 0.85 0.00	25.14 0.85 0.00	28.41 0.81 0.00	25.43 1.02 0.00	24.73 1.12 0.00	25.38 1.36 0.00	27.51 1.53 0.00	52.61 1.96 -20.10	60.30 2.14 -24.36	62.22 2.11 -29.04	45.67 2.38 -8.95	44.83 2.66 -3.79	51.61 2.96 0.00	72.17 3.59 0.00	69.13 3.36 0.00	49.87 2.54 0.00	42.28 2.51 0.00	30.66 1.80 -0.32	34.56 1.38 -8.83
WOODARD___115KV_TB2 355635	27.04 -0.27 0.00	25.61 -0.21 0.00	24.70 -0.24 0.00	24.88 -0.21 0.00	26.47 -0.22 0.00	25.06 -0.21 0.00	24.10 -0.19 0.00	27.37 -0.24 0.00	24.12 -0.30 0.00	23.32 -0.30 0.00	23.70 -0.32 0.00	25.62 -0.36 0.00	30.08 -0.47 0.00	33.32 -0.49 0.00	30.66 -0.41 0.00	33.82 -0.52 0.00	37.79 -0.58 0.00	48.00 -0.65 0.00	67.80 -0.78 0.00	65.06 -0.74 -0.03	46.82 -0.52 0.00	39.34 -0.43 0.00	28.26 -0.29 0.00	24.09 -0.27 0.00
WOODMERE_69_KV_BK1 55827	29.15 1.83 0.00	27.34 1.52 0.00	26.33 1.39 0.00	26.32 1.23 0.00	27.92 1.23 0.00	26.44 1.18 0.00	25.42 1.13 0.00	28.83 1.22 0.00	25.71 1.30 0.00	24.99 1.38 0.00	25.66 1.63 0.00	27.86 1.88 0.00	53.07 2.31 -20.21	63.95 2.54 -27.60	66.21 2.48 -32.66	48.17 2.72 -11.11	47.52 3.01 -6.13	52.16 3.51 0.00	73.01 4.43 0.00	69.91 4.14 0.00	50.36 3.02 0.00	42.64 2.87 0.00	30.94 2.07 -0.32	34.84 1.66 -8.83
YORK___WARBASSE 23770	28.92 1.61 0.00	27.15 1.33 0.00	26.16 1.22 0.00	26.16 1.07 0.00	27.80 1.11 0.00	26.35 1.08 0.00	25.34 1.05 0.00	28.78 1.18 0.00	25.63 1.21 0.00	24.86 1.25 0.00	25.44 1.41 0.00	27.58 1.61 0.00	52.39 1.92 -19.91	55.13 2.23 -19.09	56.41 2.18 -23.16	42.15 2.36 -5.45	41.07 2.69 0.00	51.77 3.12 0.00	72.52 3.94 0.00	69.39 3.61 0.00	49.93 2.60 0.00	42.16 2.40 0.00	30.58 1.71 -0.32	34.62 1.44 -8.83