

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

### --- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

03/21/2025

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	31.70	33.51	33.44	31.57	31.38	37.44	67.65	127.59	62.00	41.37	35.46	29.68	29.25	28.12	26.38	22.91	24.37	30.47	37.72	47.39	41.06	38.12	39.10	37.18
24138	1.33	1.36	1.46	1.52	1.60	2.02	3.88	7.50	3.76	2.59	2.23	1.92	1.89	1.83	1.76	1.57	1.70	1.98	2.19	3.05	2.43	2.15	2.06	1.82
	0.00	0.00	0.00	0.00	0.00	0.40	4.75	7.48	3.27	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	31.71	33.47	33.39	31.53	31.29	37.34	67.41	127.10	61.89	41.30	35.40	29.61	29.12	28.05	26.34	22.88	24.34	30.45	37.72	47.41	41.08	38.15	39.16	37.23
24260	1.33	1.32	1.42	1.48	1.52	1.92	3.65	7.01	3.65	2.52	2.17	1.85	1.76	1.76	1.72	1.54	1.67	1.96	2.20	3.06	2.45	2.19	2.12	1.88
	0.00	0.00	0.00	0.00	0.00	0.40	4.75	7.48	3.27	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	31.71	33.47	33.39	31.53	31.29	37.34	67.41	127.10	61.89	41.30	35.40	29.61	29.12	28.05	26.34	22.88	24.34	30.45	37.72	47.41	41.08	38.15	39.16	37.23
24261	1.33	1.32	1.42	1.48	1.52	1.92	3.65	7.01	3.65	2.52	2.17	1.85	1.76	1.76	1.72	1.54	1.67	1.96	2.20	3.06	2.45	2.19	2.12	1.88
	0.00	0.00	0.00	0.00	0.00	0.40	4.75	7.48	3.27	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.39	33.23	33.01	31.14	30.97	37.03	66.72	125.29	61.00	40.57	34.50	28.73	28.15	27.00	25.21	21.85	23.32	29.44	36.77	46.07	40.16	38.01	39.16	37.23
24011	1.02	1.09	1.03	1.08	1.19	1.60	2.85	5.03	2.69	1.76	1.26	0.97	0.79	0.71	0.59	0.51	0.65	0.96	1.25	1.73	1.53	2.05	2.12	1.87
	0.00	0.00	0.00	0.00	0.00	0.40	4.64	7.31	3.19	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	31.54	33.41	33.18	31.30	31.15	37.26	67.08	125.84	61.36	40.80	34.64	28.85	28.23	27.06	25.27	21.89	23.37	29.48	36.80	46.18	40.28	38.17	39.33	37.37
23798	1.16	1.26	1.20	1.24	1.37	1.83	3.20	5.58	3.05	2.00	1.41	1.09	0.87	0.76	0.65	0.54	0.70	0.99	1.27	1.84	1.65	2.21	2.29	2.02
	0.00	0.00	0.00	0.00	0.00	0.40	4.64	7.31	3.19	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	31.39	33.23	33.01	31.14	30.97	37.03	66.72	125.29	61.00	40.57	34.50	28.73	28.15	27.00	25.21	21.85	23.32	29.44	36.77	46.07	40.16	38.01	39.16	37.23
24028	1.02	1.09	1.03	1.08	1.19	1.60	2.85	5.03	2.69	1.76	1.26	0.97	0.79	0.71	0.59	0.51	0.65	0.96	1.25	1.73	1.53	2.05	2.12	1.87
	0.00	0.00	0.00	0.00	0.00	0.40	4.64	7.31	3.19	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	31.33	33.15	32.94	31.09	30.92	36.84	65.79	123.75	60.45	40.53	34.72	29.05	28.75	27.64	25.79	22.37	23.69	29.66	36.66	45.83	39.85	37.51	38.64	36.83
23527	0.96	1.01	0.96	1.03	1.14	1.40	1.89	3.46	2.12	1.73	1.49	1.29	1.39	1.35	1.17	1.03	1.02	1.18	1.13	1.48	1.22	1.55	1.60	1.47
	0.00	0.00	0.00	0.00	0.00	0.40	4.62	7.28	3.18	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	30.64	32.38	32.23	30.40	30.19	35.90	64.50	121.32	59.02	39.42	33.81	28.29	27.88	26.83	25.11	21.80	23.15	29.00	36.05	45.03	39.16	36.59	37.61	35.86
24190	0.27	0.23	0.25	0.34	0.41	0.46	0.58	0.98	0.67	0.61	0.58	0.53	0.52	0.54	0.49	0.46	0.48	0.51	0.52	0.68	0.52	0.63	0.57	0.51
	0.00	0.00	0.00	0.00	0.00	0.39	4.59	7.24	3.16	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	30.60	32.49	32.30	30.17	29.89	35.65	67.06	125.34	60.53	39.29	33.19	27.72	27.29	26.25	24.58	21.25	22.54	28.36	35.48	44.17	38.80	36.03	37.26	35.70
355683	0.22	0.35	0.33	0.12	0.11	-0.06	-0.07	-0.07	-0.04	-0.08	-0.05	-0.04	-0.07	-0.05	-0.04	-0.10	-0.13	-0.13	-0.05	-0.17	0.17	0.07	0.22	0.35
	0.00	0.00	0.00	0.00	0.00	0.12	1.39	2.17	0.94	0.24	0.00	0.00	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	31.17	32.94	32.79	30.92	30.70	36.58	65.88	123.76	60.05	39.93	34.14	28.41	27.87	26.76	25.03	21.71	23.09	29.19	36.58	45.81	39.81	37.16	38.21	36.42
323833	0.80	0.79	0.81	0.87	0.92	1.14	1.95	3.42	1.70	1.12	0.90	0.65	0.51	0.47	0.41	0.37	0.42	0.70	1.05	1.46	1.18	1.20	1.17	1.06
	0.00	0.00	0.00	0.00	0.00	0.39	4.59	7.23	3.16	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	31.15	32.93	32.79	30.91	30.70	36.57	65.86	123.72	60.03	39.92	34.13	28.41	27.87	26.76	25.02	21.71	23.09	29.18	36.56	45.79	39.79	37.16	38.20	36.41
323834	0.78	0.78	0.81	0.85	0.92	1.13	1.94	3.38	1.69	1.11	0.89	0.64	0.51	0.47	0.40	0.37	0.42	0.70	1.04	1.45	1.16	1.19	1.16	1.06
	0.00	0.00	0.00	0.00	0.00	0.39	4.59	7.23	3.16	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	30.64	32.38	32.23	30.40	30.19	35.90	64.50	121.32	59.02	39.42	33.81	28.29	27.88	26.83	25.11	21.80	23.15	29.00	36.05	45.03	39.16	36.59	37.61	35.86
23571	0.27	0.23	0.25	0.34	0.41	0.46	0.58	0.98	0.67	0.61	0.58	0.53	0.52	0.54	0.49	0.46	0.48	0.51	0.52	0.68	0.52	0.63	0.57	0.51
	0.00	0.00	0.00	0.00	0.00	0.39	4.59	7.24	3.16	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	30.64 0.27 0.00	32.38 0.23 0.00	32.23 0.25 0.00	30.40 0.34 0.00	30.19 0.41 0.00	35.90 0.46 0.39	64.50 0.58 4.59	121.32 0.98 7.24	59.02 0.67 3.16	39.42 0.61 0.79	33.81 0.58 0.00	28.29 0.53 0.00	27.88 0.52 0.00	26.83 0.54 0.00	25.11 0.49 0.00	21.80 0.46 0.00	23.15 0.48 0.00	29.00 0.51 0.00	36.05 0.52 0.00	45.03 0.68 0.00	39.16 0.52 0.00	36.59 0.63 0.00	37.61 0.57 0.00	35.86 0.51 0.00
ALBANY___3 23573	30.64 0.27 0.00	32.38 0.23 0.00	32.23 0.25 0.00	30.40 0.34 0.00	30.19 0.41 0.00	35.90 0.46 0.39	64.50 0.58 4.59	121.32 0.98 7.24	59.02 0.67 3.16	39.42 0.61 0.79	33.81 0.58 0.00	28.29 0.53 0.00	27.88 0.52 0.00	26.83 0.54 0.00	25.11 0.49 0.00	21.80 0.46 0.00	23.15 0.48 0.00	29.00 0.51 0.00	36.05 0.52 0.00	45.03 0.68 0.00	39.16 0.52 0.00	36.59 0.63 0.00	37.61 0.57 0.00	35.86 0.51 0.00
ALBANY___4 23574	30.64 0.27 0.00	32.38 0.23 0.00	32.23 0.25 0.00	30.40 0.34 0.00	30.19 0.41 0.00	35.90 0.46 0.39	64.50 0.58 4.59	121.32 0.98 7.24	59.02 0.67 3.16	39.42 0.61 0.79	33.81 0.58 0.00	28.29 0.53 0.00	27.88 0.52 0.00	26.83 0.54 0.00	25.11 0.49 0.00	21.80 0.46 0.00	23.15 0.48 0.00	29.00 0.51 0.00	36.05 0.52 0.00	45.03 0.68 0.00	39.16 0.52 0.00	36.59 0.63 0.00	37.61 0.57 0.00	35.86 0.51 0.00
ALBANY___LFGE 323615	30.87 0.49 0.00	32.61 0.47 0.00	32.47 0.49 0.00	30.62 0.57 0.00	30.43 0.65 0.00	36.21 0.77 0.39	65.09 1.18 4.61	122.43 2.13 7.27	59.57 1.23 3.17	39.76 0.95 0.79	34.09 0.86 0.00	28.51 0.75 0.00	28.08 0.72 0.00	27.00 0.71 0.00	25.27 0.65 0.00	21.95 0.60 0.00	23.32 0.65 0.00	29.25 0.76 0.00	36.37 0.85 0.00	45.43 1.09 0.00	39.50 0.87 0.00	36.90 0.93 0.00	37.93 0.89 0.00	36.15 0.80 0.00
ALCOA_PA_115KV_PL-6C 55860	30.63 0.25 0.00	32.53 0.38 0.00	32.35 0.37 0.00	31.88 0.14 -1.68	31.59 0.15 -1.67	37.18 -0.01 -1.36	67.75 0.08 0.85	125.38 0.23 2.42	60.51 0.06 1.05	39.23 -0.11 0.27	33.14 -0.10 0.00	27.67 -0.09 0.00	27.24 -0.12 0.00	26.20 -0.10 0.00	24.67 -0.09 -0.14	21.88 -0.14 -0.68	22.57 -0.18 -0.08	28.32 -0.17 0.00	35.48 -0.04 0.00	44.25 -0.10 0.00	38.88 0.25 0.00	36.12 0.15 0.00	37.33 0.29 0.00	35.78 0.42 0.00
ALCOA_RYNLDS___DRP 24188	30.63 0.25 0.00	32.53 0.38 0.00	32.35 0.37 0.00	31.88 0.14 -1.68	31.59 0.15 -1.67	37.18 -0.01 -1.36	67.75 0.08 0.85	125.38 0.23 2.42	60.51 0.06 1.05	39.23 -0.11 0.27	33.14 -0.10 0.00	27.67 -0.09 0.00	27.24 -0.12 0.00	26.20 -0.10 0.00	24.67 -0.09 -0.14	21.88 -0.14 -0.68	22.57 -0.18 -0.08	28.32 -0.17 0.00	35.48 -0.04 0.00	44.25 -0.10 0.00	38.88 0.25 0.00	36.12 0.15 0.00	37.33 0.29 0.00	35.78 0.42 0.00
ALCOA___DSASP 323711	30.63 0.25 0.00	32.53 0.38 0.00	32.35 0.37 0.00	31.88 0.14 -1.68	31.59 0.15 -1.67	37.18 -0.01 -1.36	67.75 0.08 0.85	125.38 0.23 2.42	60.51 0.06 1.05	39.23 -0.10 0.27	33.14 -0.10 0.00	27.68 -0.09 0.00	27.24 -0.12 0.00	26.20 -0.10 0.00	24.67 -0.09 -0.14	21.88 -0.14 -0.68	22.57 -0.18 -0.08	28.32 -0.17 0.00	35.48 -0.04 0.00	44.25 -0.10 0.00	38.88 0.25 0.00	36.12 0.16 0.00	37.33 0.29 0.00	35.78 0.43 0.00
ALLEGHENY___COGEN 23514	29.99 -0.38 0.00	31.86 -0.29 0.00	31.58 -0.40 0.00	29.71 -0.34 0.00	29.49 -0.29 0.00	34.94 0.10 0.99	57.78 0.85 11.58	111.55 2.23 18.25	53.43 -0.11 7.97	36.18 -1.43 2.00	32.04 -1.20 0.00	26.71 -1.05 0.00	26.15 -1.21 0.00	24.81 -1.48 0.00	23.29 -1.33 0.00	20.12 -1.22 0.00	21.29 -1.38 0.00	27.03 -1.45 0.00	34.39 -1.13 0.00	44.19 -0.16 0.00	38.23 -0.40 0.00	35.28 -0.69 0.00	51.15 -0.81 -14.92	58.78 -0.98 -24.40
ALTAMONT_115KV_TB 2 55880	30.84 0.47 0.00	32.61 0.46 0.00	32.45 0.47 0.00	30.59 0.54 0.00	30.36 0.58 0.00	36.17 0.72 0.39	65.11 1.17 4.57	122.42 2.05 7.21	59.51 1.15 3.15	39.65 0.84 0.79	33.93 0.69 0.00	28.34 0.58 0.00	27.92 0.56 0.00	26.86 0.57 0.00	25.15 0.53 0.00	21.83 0.49 0.00	23.20 0.53 0.00	29.12 0.64 0.00	36.27 0.74 0.00	45.39 1.04 0.00	39.45 0.81 0.00	36.81 0.85 0.00	37.87 0.83 0.00	36.10 0.74 0.00
ALTONA_WT_PWR 323606	29.42 -0.96 0.00	32.22 0.08 0.00	31.71 -0.27 0.00	-20.69 -1.39 49.36	-20.73 -1.40 49.11	-13.55 -2.19 47.18	41.57 -3.00 23.94	120.72 -4.57 2.28	58.81 -1.70 1.00	38.04 -1.32 0.25	31.98 -1.25 0.00	26.54 -1.23 0.00	26.08 -1.28 0.00	24.88 -1.41 0.00	19.23 -1.38 4.01	0.02 -1.21 20.11	18.15 -1.24 3.28	27.25 -1.23 0.00	34.35 -1.18 0.00	43.78 -0.57 0.00	39.31 0.68 0.00	35.47 -0.49 0.00	36.03 -1.01 0.00	34.48 -0.88 0.00
AMERICAN_REF_FUEL 24010	28.58 -1.79 0.00	30.35 -1.79 0.00	29.83 -2.15 0.00	27.92 -2.14 0.00	27.80 -1.98 0.00	32.88 -1.90 1.05	52.16 -4.01 12.35	100.37 -7.74 19.46	49.25 -3.76 8.50	34.97 -2.50 2.13	31.35 -1.88 0.00	26.06 -1.71 0.00	25.39 -1.97 0.00	23.89 -2.40 0.00	22.30 -2.33 0.00	19.26 -2.08 0.00	20.34 -2.33 0.00	25.55 -2.93 0.00	32.11 -3.42 0.00	39.72 -4.63 0.00	34.32 -4.31 0.00	31.82 -4.14 0.00	29.64 -4.07 3.33	26.23 -3.67 5.45
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.42 -0.95 0.00	31.38 -0.76 0.00	30.70 -1.28 0.00	29.27 -0.79 0.00	28.93 -0.85 0.00	34.30 -0.53 1.01	56.50 -0.21 11.80	109.90 0.92 18.59	53.14 -0.25 8.12	37.16 -0.41 2.04	33.05 -0.19 0.00	27.47 -0.30 0.00	26.67 -0.69 0.00	25.39 -0.91 0.00	23.87 -0.75 0.00	20.71 -0.64 0.00	22.01 -0.66 0.00	27.51 -0.98 0.00	34.26 -1.26 0.00	42.12 -2.22 0.00	35.41 -3.22 0.00	32.49 -3.47 0.00	32.06 -3.53 1.45	29.35 -3.64 2.36
ARTHUR KILL_GT_1 23520	55.92 1.38 -24.16	55.26 1.38 -21.74	55.25 1.44 -21.84	55.25 1.53 -23.67	55.25 1.56 -23.91	55.88 1.92 -18.13	68.90 3.32 2.94	129.85 6.78 4.51	70.08 3.59 -4.98	58.02 2.48 -15.94	59.21 2.05 -23.93	56.53 1.68 -27.09	56.44 1.61 -27.48	56.44 1.62 -28.52	56.44 1.60 -30.21	56.32 1.43 -33.55	55.75 1.55 -31.53	64.21 1.82 -33.91	81.93 2.11 -44.29	96.24 3.02 -48.88	96.27 2.41 -55.23	96.29 2.21 -58.11	62.34 2.13 -23.16	56.49 1.89 -19.24
ARTHUR_KILL_2 23512	55.83 1.29 -24.16	55.17 1.29 -21.74	55.17 1.36 -21.84	55.17 1.45 -23.67	55.17 1.48 -23.91	55.78 1.82 -18.13	68.68 3.11 2.94	129.46 6.39 4.51	69.90 3.41 -4.98	57.91 2.37 -15.94	59.13 1.97 -23.93	56.48 1.63 -27.09	56.39 1.55 -27.48	56.39 1.57 -28.52	56.39 1.56 -30.21	56.28 1.39 -33.55	55.70 1.50 -31.53	64.15 1.75 -33.91	81.83 2.02 -44.29	96.11 2.89 -48.88	96.14 2.28 -55.23	96.18 2.10 -58.11	62.23 2.02 -23.16	56.39 1.79 -19.24
ARTHUR_KILL_3 23513	55.49 0.96 -24.16	54.81 0.92 -21.75	55.50 1.03 -22.49	54.84 1.11 -23.67	54.94 1.14 -24.02	55.42 1.46 -18.14	68.30 2.72 2.94	128.04 5.25 4.79	69.28 2.79 -4.98	57.46 1.92 -15.94	58.83 1.67 -23.92	49.08 1.44 -19.88	44.55 1.37 -15.82	43.08 1.40 -15.38	36.76 1.38 -10.75	41.07 1.25 -18.48	47.44 1.36 -23.41	58.44 1.58 -28.37	81.32 1.72 -44.07	95.70 2.48 -48.87	95.46 1.95 -54.88	95.77 1.69 -58.11	61.83 1.63 -23.16	56.48 1.39 -19.74

ARTHUR_KILL_COGEN 323718	55.92 1.38 -24.16	55.26 1.38 -21.74	55.25 1.44 -21.84	55.25 1.53 -23.67	55.25 1.56 -23.91	55.88 1.92 -18.13	68.90 3.32 2.94	129.85 6.78 4.51	70.08 3.59 -4.98	58.02 2.48 -15.94	59.21 2.05 -23.93	56.53 1.68 -27.09	56.44 1.61 -27.48	56.44 1.62 -28.52	56.44 1.60 -30.21	56.32 1.43 -33.55	55.75 1.55 -31.53	64.21 1.82 -33.91	81.93 2.11 -44.29	96.24 3.02 -48.88	96.27 2.41 -55.23	96.29 2.21 -58.11	62.34 2.13 -23.16	56.49 1.89 -19.24
ASHOKAN____ 23654	31.80 1.43 0.00	33.60 1.46 0.00	33.41 1.44 0.00	31.52 1.47 0.00	31.30 1.52 0.00	37.43 1.99 0.40	67.84 3.98 4.66	127.91 7.68 7.34	62.13 3.83 3.21	41.18 2.38 0.80	35.10 1.87 0.00	29.20 1.44 0.00	28.66 1.30 0.00	27.55 1.26 0.00	25.83 1.20 0.00	22.45 1.11 0.00	23.92 1.25 0.00	30.16 1.68 0.00	37.77 2.25 0.00	47.56 3.21 0.00	41.30 2.67 0.00	38.42 2.46 0.00	39.42 2.38 0.00	37.50 2.15 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.39 1.01 -0.01	33.14 0.99 -0.01	33.05 1.06 -0.01	31.21 1.15 -0.01	30.99 1.20 -0.01	36.93 1.50 0.40	66.37 2.60 4.75	125.46 5.36 7.48	61.16 2.91 3.27	40.82 2.03 0.81	35.04 1.80 -0.01	29.36 1.59 0.00	28.87 1.51 -0.01	27.82 1.52 0.00	26.11 1.49 -0.01	22.68 1.34 0.00	24.14 1.47 0.00	30.20 1.71 0.00	37.39 1.86 0.00	46.94 2.59 0.00	40.70 2.06 0.00	37.85 1.88 0.00	38.81 1.77 0.00	36.87 1.52 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.39 1.01 -0.01	33.14 0.99 -0.01	33.05 1.06 -0.01	31.21 1.15 -0.01	30.99 1.20 -0.01	36.93 1.50 0.40	66.37 2.60 4.75	125.46 5.36 7.48	61.16 2.91 3.27	40.82 2.03 0.81	35.04 1.80 -0.01	29.36 1.59 0.00	28.87 1.51 -0.01	27.81 1.52 0.00	26.11 1.49 -0.01	22.68 1.34 0.00	24.14 1.47 0.00	30.20 1.71 0.00	37.39 1.86 0.00	46.94 2.59 0.00	40.70 2.06 0.00	37.85 1.88 0.00	38.81 1.77 0.00	36.87 1.52 0.00
ASTORIA_GT2_1 24094	31.40 1.02 -0.01	33.15 1.00 -0.01	33.06 1.07 -0.01	31.22 1.16 -0.01	30.99 1.20 -0.01	36.94 1.51 0.40	66.44 2.67 4.75	125.57 5.47 7.48	61.22 2.98 3.27	40.86 2.07 0.81	35.08 1.84 -0.01	29.37 1.60 0.00	28.88 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.48 0.00	30.21 1.72 0.00	37.40 1.88 0.00	46.97 2.62 0.00	40.72 2.08 0.00	37.86 1.89 -0.01	38.85 1.81 0.00	36.93 1.57 -0.01
ASTORIA_GT2_2 24095	31.40 1.02 -0.01	33.15 1.00 -0.01	33.06 1.07 -0.01	31.22 1.16 -0.01	30.99 1.20 -0.01	36.94 1.51 0.40	66.44 2.67 4.75	125.57 5.47 7.48	61.22 2.98 3.27	40.86 2.07 0.81	35.08 1.84 -0.01	29.37 1.60 0.00	28.88 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.48 0.00	30.21 1.72 0.00	37.40 1.88 0.00	46.97 2.62 0.00	40.72 2.08 0.00	37.86 1.89 -0.01	38.85 1.81 0.00	36.93 1.57 -0.01
ASTORIA_GT2_3 24096	31.40 1.02 -0.01	33.15 1.00 -0.01	33.06 1.07 -0.01	31.22 1.16 -0.01	30.99 1.20 -0.01	36.94 1.51 0.40	66.44 2.67 4.75	125.57 5.47 7.48	61.22 2.98 3.27	40.86 2.07 0.81	35.08 1.84 -0.01	29.37 1.60 0.00	28.88 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.48 0.00	30.21 1.72 0.00	37.40 1.88 0.00	46.97 2.62 0.00	40.72 2.08 0.00	37.86 1.89 -0.01	38.85 1.81 0.00	36.93 1.57 -0.01
ASTORIA_GT2_4 24097	31.40 1.02 -0.01	33.15 1.00 -0.01	33.06 1.07 -0.01	31.22 1.16 -0.01	30.99 1.20 -0.01	36.94 1.51 0.40	66.44 2.67 4.75	125.57 5.47 7.48	61.22 2.98 3.27	40.86 2.07 0.81	35.08 1.84 -0.01	29.37 1.60 0.00	28.88 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.48 0.00	30.21 1.72 0.00	37.40 1.88 0.00	46.97 2.62 0.00	40.72 2.08 0.00	37.86 1.89 -0.01	38.85 1.81 0.00	36.93 1.57 -0.01
ASTORIA_GT3_1 24098	31.40 1.02 -0.01	33.15 1.00 -0.01	33.06 1.07 -0.01	31.22 1.16 -0.01	30.99 1.20 -0.01	36.94 1.51 0.40	66.44 2.67 4.75	125.57 5.47 7.48	61.22 2.98 3.27	40.86 2.07 0.81	35.08 1.84 -0.01	29.37 1.60 0.00	28.88 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.48 0.00	30.21 1.72 0.00	37.40 1.88 0.00	46.97 2.62 0.00	40.72 2.08 0.00	37.86 1.89 -0.01	38.85 1.81 0.00	36.93 1.57 -0.01
ASTORIA_GT3_2 24099	31.40 1.02 -0.01	33.15 1.00 -0.01	33.06 1.07 -0.01	31.22 1.16 -0.01	30.99 1.20 -0.01	36.94 1.51 0.40	66.44 2.67 4.75	125.57 5.47 7.48	61.22 2.98 3.27	40.86 2.07 0.81	35.08 1.84 -0.01	29.37 1.60 0.00	28.88 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.48 0.00	30.21 1.72 0.00	37.40 1.88 0.00	46.97 2.62 0.00	40.72 2.08 0.00	37.86 1.89 -0.01	38.85 1.81 0.00	36.93 1.57 -0.01
ASTORIA_GT3_3 24100	31.40 1.02 -0.01	33.15 1.00 -0.01	33.06 1.07 -0.01	31.22 1.16 -0.01	30.99 1.20 -0.01	36.94 1.51 0.40	66.44 2.67 4.75	125.57 5.47 7.48	61.22 2.98 3.27	40.86 2.07 0.81	35.08 1.84 -0.01	29.37 1.60 0.00	28.88 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.48 0.00	30.21 1.72 0.00	37.40 1.88 0.00	46.97 2.62 0.00	40.72 2.08 0.00	37.86 1.89 -0.01	38.85 1.81 0.00	36.93 1.57 -0.01
ASTORIA_GT3_4 24101	31.40 1.02 -0.01	33.15 1.00 -0.01	33.06 1.07 -0.01	31.22 1.16 -0.01	30.99 1.20 -0.01	36.94 1.51 0.40	66.44 2.67 4.75	125.57 5.47 7.48	61.22 2.98 3.27	40.86 2.07 0.81	35.08 1.84 -0.01	29.37 1.60 0.00	28.88 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.48 0.00	30.21 1.72 0.00	37.40 1.88 0.00	46.97 2.62 0.00	40.72 2.08 0.00	37.86 1.89 -0.01	38.85 1.81 0.00	36.93 1.57 -0.01
ASTORIA_GT4_1 24102	31.40 1.02 -0.01	33.15 1.00 -0.01	33.06 1.07 -0.01	31.22 1.16 -0.01	30.99 1.20 -0.01	36.94 1.51 0.40	66.44 2.67 4.75	125.57 5.47 7.48	61.22 2.98 3.27	40.86 2.07 0.81	35.08 1.84 -0.01	29.37 1.60 0.00	28.88 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.48 0.00	30.21 1.72 0.00	37.40 1.88 0.00	46.97 2.62 0.00	40.72 2.08 0.00	37.86 1.89 -0.01	38.85 1.81 0.00	36.93 1.57 -0.01
ASTORIA_GT4_2 24103	31.40 1.02 -0.01	33.15 1.00 -0.01	33.06 1.07 -0.01	31.22 1.16 -0.01	30.99 1.20 -0.01	36.94 1.51 0.40	66.44 2.67 4.75	125.57 5.47 7.48	61.22 2.98 3.27	40.86 2.07 0.81	35.08 1.84 -0.01	29.37 1.60 0.00	28.88 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.48 0.00	30.21 1.72 0.00	37.40 1.88 0.00	46.97 2.62 0.00	40.72 2.08 0.00	37.86 1.89 -0.01	38.85 1.81 0.00	36.93 1.57 -0.01
ASTORIA_GT4_3 24104	31.40 1.02 -0.01	33.15 1.00 -0.01	33.06 1.07 -0.01	31.22 1.16 -0.01	30.99 1.20 -0.01	36.94 1.51 0.40	66.44 2.67 4.75	125.57 5.47 7.48	61.22 2.98 3.27	40.86 2.07 0.81	35.08 1.84 -0.01	29.37 1.60 0.00	28.88 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.48 0.00	30.21 1.72 0.00	37.40 1.88 0.00	46.97 2.62 0.00	40.72 2.08 0.00	37.86 1.89 -0.01	38.85 1.81 0.00	36.93 1.57 -0.01

ASTORIA_GT4_4 24105	31.40 1.02 -0.01	33.15 1.00 -0.01	33.06 1.07 -0.01	31.22 1.16 -0.01	30.99 1.20 -0.01	36.94 1.51 0.40	66.44 2.67 4.75	125.57 5.47 7.48	61.22 2.98 3.27	40.86 2.07 0.81	35.08 1.84 -0.01	29.37 1.60 0.00	28.88 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.48 0.00	30.21 1.72 0.00	37.40 1.88 0.00	46.97 2.62 0.00	40.72 2.08 0.00	37.86 1.89 -0.01	38.85 1.81 0.00	36.93 1.57 -0.01
ASTORIA_GT_1 23523	31.44 1.05 -0.01	33.19 1.04 -0.01	33.09 1.11 -0.01	31.26 1.20 -0.01	31.03 1.24 -0.01	36.98 1.55 0.40	66.51 2.74 4.75	125.78 5.68 7.48	61.31 3.07 3.27	40.91 2.12 0.81	35.12 1.87 -0.01	29.42 1.66 0.00	28.93 1.56 -0.01	27.87 1.58 0.00	26.17 1.54 -0.01	22.73 1.39 0.00	24.18 1.52 0.00	30.27 1.78 0.00	37.46 1.94 0.00	47.05 2.70 0.00	40.78 2.15 0.00	37.92 1.95 0.00	38.89 1.85 0.00	36.94 1.59 0.00
ASTORIA_GT_10 24110	32.77 1.26 -1.14	33.39 1.24 -0.01	33.33 1.34 -0.01	31.46 1.40 -0.01	31.23 1.44 -0.01	37.24 1.81 0.40	67.11 3.34 4.75	126.61 6.52 7.48	61.71 3.47 3.27	41.77 2.40 0.23	43.10 2.08 -7.79	37.70 1.76 -8.18	41.46 1.67 -12.43	41.85 1.68 -13.89	46.23 1.63 -19.98	38.78 1.47 -15.96	33.52 1.59 -9.25	45.61 1.87 -15.25	39.97 2.09 -2.36	48.05 2.92 -0.78	43.98 2.34 -3.01	40.18 2.10 -2.12	39.08 2.04 0.00	37.22 1.79 -0.08
ASTORIA_GT_11 24225	32.77 1.26 -1.14	33.39 1.24 -0.01	33.33 1.34 -0.01	31.46 1.40 -0.01	31.23 1.44 -0.01	37.24 1.81 0.40	67.11 3.34 4.75	126.61 6.52 7.48	61.71 3.47 3.27	41.77 2.40 0.23	43.10 2.08 -7.79	37.70 1.76 -8.18	41.46 1.67 -12.43	41.85 1.68 -13.89	46.23 1.63 -19.98	38.78 1.47 -15.96	33.52 1.59 -9.25	45.61 1.87 -15.25	39.97 2.09 -2.36	48.05 2.92 -0.78	43.98 2.34 -3.01	40.18 2.10 -2.12	39.08 2.04 0.00	37.22 1.79 -0.08
ASTORIA_GT_12 24226	32.77 1.26 -1.14	33.39 1.24 -0.01	33.33 1.34 -0.01	31.46 1.40 -0.01	31.23 1.44 -0.01	37.24 1.81 0.40	67.11 3.34 4.75	126.61 6.52 7.48	61.71 3.47 3.27	41.77 2.40 0.23	43.10 2.08 -7.79	37.70 1.76 -8.18	41.46 1.67 -12.43	41.85 1.68 -13.89	46.23 1.63 -19.98	38.78 1.47 -15.96	33.52 1.59 -9.25	45.61 1.87 -15.25	39.97 2.09 -2.36	48.05 2.92 -0.78	43.98 2.34 -3.01	40.18 2.10 -2.12	39.08 2.04 0.00	37.22 1.79 -0.08
ASTORIA_GT_13 24227	32.77 1.26 -1.14	33.39 1.24 -0.01	33.33 1.34 -0.01	31.46 1.40 -0.01	31.23 1.44 -0.01	37.24 1.81 0.40	67.11 3.34 4.75	126.61 6.52 7.48	61.71 3.47 3.27	41.77 2.40 0.23	43.10 2.08 -7.79	37.70 1.76 -8.18	41.46 1.67 -12.43	41.85 1.68 -13.89	46.23 1.63 -19.98	38.78 1.47 -15.96	33.52 1.59 -9.25	45.61 1.87 -15.25	39.97 2.09 -2.36	48.05 2.92 -0.78	43.98 2.34 -3.01	40.18 2.10 -2.12	39.08 2.04 0.00	37.22 1.79 -0.08
ASTORIA_GT_5 24106	31.44 1.06 -0.01	33.19 1.04 -0.01	33.09 1.10 -0.01	31.25 1.19 -0.01	31.03 1.24 -0.01	36.99 1.56 0.40	66.52 2.75 4.75	125.81 5.71 7.48	61.33 3.09 3.27	40.93 2.14 0.81	35.14 1.90 -0.01	29.42 1.66 0.00	28.93 1.56 -0.01	27.87 1.58 0.00	26.17 1.54 -0.01	22.73 1.39 0.00	24.18 1.52 0.00	30.27 1.78 0.00	37.46 1.94 0.00	47.05 2.70 0.00	40.78 2.15 0.00	37.92 1.95 -0.01	38.91 1.87 0.00	37.00 1.63 -0.01
ASTORIA_GT_7 24107	31.44 1.06 -0.01	33.19 1.04 -0.01	33.09 1.10 -0.01	31.25 1.19 -0.01	31.03 1.24 -0.01	36.99 1.56 0.40	66.52 2.75 4.75	125.81 5.71 7.48	61.33 3.09 3.27	40.93 2.14 0.81	35.14 1.90 -0.01	29.42 1.66 0.00	28.93 1.56 -0.01	27.87 1.58 0.00	26.17 1.54 -0.01	22.73 1.39 0.00	24.18 1.52 0.00	30.27 1.78 0.00	37.46 1.94 0.00	47.05 2.70 0.00	40.78 2.15 0.00	37.92 1.95 -0.01	38.91 1.87 0.00	37.00 1.63 -0.01
ASTORIA_GT_8 24108	31.44 1.06 -0.01	33.19 1.04 -0.01	33.09 1.10 -0.01	31.25 1.19 -0.01	31.03 1.24 -0.01	36.99 1.56 0.40	66.52 2.75 4.75	125.81 5.71 7.48	61.33 3.09 3.27	40.93 2.14 0.81	35.14 1.90 -0.01	29.42 1.66 0.00	28.93 1.56 -0.01	27.87 1.58 0.00	26.17 1.54 -0.01	22.73 1.39 0.00	24.18 1.52 0.00	30.27 1.78 0.00	37.46 1.94 0.00	47.05 2.70 0.00	40.78 2.15 0.00	37.92 1.95 -0.01	38.91 1.87 0.00	37.00 1.63 -0.01
ASTORIA___2 24149	31.40 1.02 -0.01	33.15 1.00 -0.01	33.06 1.07 -0.01	31.23 1.16 -0.01	31.00 1.21 -0.01	36.94 1.51 0.40	66.43 2.67 4.75	125.53 5.44 7.48	61.19 2.94 3.27	40.85 2.06 0.81	35.05 1.81 -0.01	29.37 1.60 0.00	28.88 1.51 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.48 0.00	30.21 1.72 0.00	37.40 1.88 0.00	46.97 2.62 0.00	40.71 2.08 0.00	37.86 1.89 0.00	38.83 1.79 0.00	36.90 1.54 0.00
ASTORIA___3 23516	32.77 1.26 -1.14	33.39 1.24 -0.01	33.33 1.34 -0.01	31.46 1.40 -0.01	31.23 1.44 -0.01	37.24 1.81 0.40	67.10 3.33 4.75	126.59 6.50 7.48	61.70 3.46 3.27	41.77 2.39 0.23	43.10 2.08 -7.79	37.70 1.76 -8.18	41.46 1.67 -12.43	41.86 1.68 -13.89	46.23 1.63 -19.98	38.77 1.47 -15.96	33.52 1.59 -9.25	45.60 1.87 -15.25	39.97 2.08 -2.36	48.05 2.92 -0.78	43.98 2.34 -3.01	40.18 2.10 -2.12	39.06 2.02 0.00	37.20 1.76 -0.08
ASTORIA___4 23517	32.77 1.26 -1.14	33.39 1.24 -0.01	33.33 1.34 -0.01	31.46 1.40 -0.01	31.23 1.44 -0.01	37.24 1.81 0.40	67.11 3.34 4.75	126.61 6.52 7.48	61.71 3.47 3.27	41.77 2.40 0.23	43.10 2.08 -7.79	37.70 1.76 -8.18	41.46 1.67 -12.43	41.85 1.68 -13.89	46.23 1.63 -19.98	38.78 1.47 -15.96	33.52 1.59 -9.25	45.61 1.87 -15.25	39.97 2.09 -2.36	48.05 2.92 -0.78	43.98 2.34 -3.01	40.18 2.10 -2.12	39.08 2.04 0.00	37.22 1.79 -0.08
ASTORIA___5 23518	32.77 1.26 -1.14	33.39 1.24 -0.01	33.33 1.34 -0.01	31.46 1.40 -0.01	31.23 1.44 -0.01	37.24 1.81 0.40	67.10 3.33 4.75	126.59 6.50 7.48	61.70 3.46 3.27	41.76 2.39 0.23	43.10 2.08 -7.79	37.70 1.76 -8.18	41.46 1.67 -12.43	41.86 1.68 -13.89	46.23 1.63 -19.98	38.77 1.47 -15.96	33.52 1.59 -9.25	45.60 1.87 -15.25	39.97 2.08 -2.36	48.05 2.92 -0.78	43.98 2.34 -3.01	40.18 2.10 -2.12	39.06 2.02 0.00	37.20 1.76 -0.08
AST_ENERGY_2_CC3 323677	31.49 1.11 0.00	33.23 1.08 0.00	33.17 1.20 0.00	31.33 1.27 0.00	31.09 1.31 0.00	37.08 1.65 0.40	66.75 2.98 4.75	125.83 5.73 7.48	61.29 3.05 3.27	40.92 2.13 0.82	35.12 1.89 0.00	29.38 1.62 0.00	28.91 1.54 0.00	27.85 1.55 0.00	26.15 1.53 0.00	22.71 1.37 0.00	24.16 1.49 0.00	30.23 1.75 0.00	37.43 1.90 0.00	47.01 2.66 0.00	40.76 2.12 0.00	37.86 1.90 0.00	38.85 1.81 0.00	36.94 1.59 0.00
AST_ENERGY_2_CC4 323678	31.49 1.11 0.00	33.23 1.08 0.00	33.17 1.20 0.00	31.33 1.27 0.00	31.09 1.31 0.00	37.08 1.65 0.40	66.75 2.98 4.75	125.83 5.73 7.48	61.29 3.05 3.27	40.92 2.13 0.82	35.12 1.89 0.00	29.38 1.62 0.00	28.91 1.54 0.00	27.85 1.55 0.00	26.15 1.53 0.00	22.71 1.37 0.00	24.16 1.49 0.00	30.23 1.75 0.00	37.43 1.90 0.00	47.01 2.66 0.00	40.76 2.12 0.00	37.86 1.90 0.00	38.85 1.81 0.00	36.94 1.59 0.00

ATHENS_STG_1 23668	30.97 0.59 0.00	32.74 0.59 0.00	32.60 0.62 0.00	30.74 0.69 0.00	30.51 0.73 0.00	36.35 0.93 0.40	65.34 1.57 4.74	122.96 2.87 7.48	59.79 1.55 3.27	39.93 1.15 0.82	34.20 0.96 0.00	28.58 0.81 0.00	28.15 0.79 0.00	27.10 0.81 0.00	25.38 0.76 0.00	22.05 0.71 0.00	23.44 0.77 0.00	29.41 0.92 0.00	36.54 1.01 0.00	45.77 1.42 0.00	39.75 1.12 0.00	37.06 1.09 0.00	38.09 1.05 0.00	36.28 0.92 0.00
ATHENS_STG_2 23670	30.97 0.59 0.00	32.74 0.59 0.00	32.60 0.62 0.00	30.74 0.69 0.00	30.51 0.73 0.00	36.35 0.93 0.40	65.34 1.57 4.74	122.96 2.87 7.48	59.79 1.55 3.27	39.93 1.15 0.82	34.20 0.96 0.00	28.58 0.81 0.00	28.15 0.79 0.00	27.10 0.81 0.00	25.38 0.76 0.00	22.05 0.71 0.00	23.44 0.77 0.00	29.41 0.92 0.00	36.54 1.01 0.00	45.77 1.42 0.00	39.75 1.12 0.00	37.06 1.09 0.00	38.09 1.05 0.00	36.28 0.92 0.00
ATHENS_STG_3 23677	30.97 0.59 0.00	32.74 0.59 0.00	32.60 0.62 0.00	30.74 0.69 0.00	30.51 0.73 0.00	36.35 0.93 0.40	65.34 1.57 4.74	122.96 2.87 7.48	59.79 1.55 3.27	39.93 1.15 0.82	34.20 0.96 0.00	28.58 0.81 0.00	28.15 0.79 0.00	27.10 0.81 0.00	25.38 0.76 0.00	22.05 0.71 0.00	23.44 0.77 0.00	29.41 0.92 0.00	36.54 1.01 0.00	45.77 1.42 0.00	39.75 1.12 0.00	37.06 1.09 0.00	38.09 1.05 0.00	36.28 0.92 0.00
AUBURN___LFGE 323710	30.17 -0.20 0.00	31.92 -0.23 0.00	31.70 -0.28 0.00	29.95 -0.11 0.00	29.54 -0.24 0.00	35.08 -0.02 0.72	60.34 0.32 8.50	114.94 0.77 13.40	55.48 -0.17 5.85	37.63 -0.50 1.47	32.70 -0.53 0.00	27.29 -0.47 0.00	26.98 -0.37 0.00	25.85 -0.45 0.00	24.15 -0.47 0.00	20.90 -0.44 0.00	22.19 -0.48 0.00	28.00 -0.49 0.00	35.18 -0.34 0.00	44.10 -0.25 0.00	38.39 -0.24 0.00	35.75 -0.21 0.00	36.75 -0.29 0.00	35.03 -0.33 0.00
BABYLON_RES_REC 323704	39.10 1.16 -7.57	33.25 1.11 0.00	33.21 1.23 0.00	31.29 1.24 0.00	31.12 1.34 0.00	36.69 1.88 0.73	63.09 2.84 8.27	125.27 5.17 7.48	61.12 2.88 3.27	40.87 2.08 0.82	35.31 1.90 -0.18	29.25 1.49 0.00	28.82 1.46 0.00	27.72 1.42 0.00	26.05 1.42 0.00	22.64 1.29 0.00	24.11 1.44 0.00	30.18 1.70 0.00	36.93 1.80 0.40	47.14 2.79 0.00	40.86 2.23 0.00	38.14 2.18 0.00	39.19 2.15 0.00	37.23 1.88 0.00
BABYLON__69_KV_BK2 356345	38.62 1.38 -6.86	33.48 1.33 0.00	33.46 1.48 0.00	31.52 1.46 0.00	31.35 1.57 0.00	36.97 1.88 0.74	63.55 3.39 8.35	126.36 6.27 7.48	61.60 3.36 3.27	41.19 2.40 0.82	35.55 2.15 -0.17	29.45 1.69 0.00	29.02 1.67 0.00	27.90 1.61 0.00	26.23 1.61 0.00	22.80 1.45 0.00	24.30 1.63 0.00	30.44 1.95 0.00	37.20 2.08 0.41	47.54 3.19 0.00	41.21 2.58 0.00	38.49 2.52 0.00	39.56 2.52 0.00	37.56 2.20 0.00
BALL_HILL_WT_PWR 323825	29.41 -0.97 0.00	31.32 -0.82 0.00	30.76 -1.22 0.00	29.20 -0.85 0.00	28.86 -0.92 0.00	34.15 -0.66 1.02	55.77 -0.85 11.90	107.97 -0.85 18.75	52.36 -0.96 8.19	36.75 -0.80 2.05	32.78 -0.45 0.00	27.25 -0.51 0.00	26.50 -0.87 0.00	25.20 -1.10 0.00	23.70 -0.92 0.00	20.51 -0.83 0.00	21.78 -0.89 0.00	27.28 -1.21 0.00	34.06 -1.47 0.00	42.19 -2.16 0.00	35.86 -2.77 0.00	33.09 -2.87 0.00	32.06 -2.87 2.11	28.92 -2.98 3.46
BARON_WINDS___WT_PWR 323822	28.31 -2.06 0.00	30.07 -2.07 0.00	29.87 -2.11 0.00	28.24 -1.82 0.00	27.87 -1.91 0.00	32.87 -2.07 0.89	54.47 -3.59 10.46	104.93 -6.16 16.48	50.69 -3.62 7.20	34.99 -2.81 1.80	30.98 -2.26 0.00	25.92 -1.85 0.00	25.47 -1.89 0.00	24.35 -1.93 0.01	23.04 -1.58 0.00	19.93 -1.42 0.00	21.12 -1.56 0.00	26.80 -1.68 0.00	33.94 -1.59 0.00	42.77 -1.58 0.00	36.56 -2.07 0.00	33.65 -2.32 0.00	-0.01 -2.60 34.45	-23.84 -2.86 56.35
BARRETT_IC_1 23704	130.29 1.19 -98.72	33.31 1.16 0.00	33.23 1.26 0.00	31.34 1.29 0.00	31.14 1.36 0.00	37.04 1.64 0.42	66.45 2.86 4.92	124.66 4.57 7.48	61.01 2.76 3.27	40.93 2.14 0.82	37.29 1.99 -2.06	29.40 1.64 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.13 1.51 0.00	22.69 1.34 0.00	24.13 1.46 0.00	30.15 1.67 0.00	37.24 1.73 0.02	46.91 2.56 0.00	40.67 2.04 0.00	37.93 1.96 0.00	38.97 1.93 0.00	37.06 1.71 0.00
BARRETT_IC_10 23701	130.29 1.19 -98.72	33.31 1.16 0.00	33.23 1.26 0.00	31.34 1.29 0.00	31.14 1.36 0.00	37.04 1.64 0.42	66.45 2.86 4.92	124.66 4.57 7.48	61.01 2.76 3.27	40.93 2.14 0.82	37.29 1.99 -2.06	29.40 1.64 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.13 1.51 0.00	22.69 1.34 0.00	24.13 1.46 0.00	30.15 1.67 0.00	37.24 1.73 0.02	46.91 2.56 0.00	40.67 2.04 0.00	37.93 1.96 0.00	38.97 1.93 0.00	37.06 1.71 0.00
BARRETT_IC_11 23702	130.29 1.19 -98.72	33.31 1.16 0.00	33.23 1.26 0.00	31.34 1.29 0.00	31.14 1.36 0.00	37.04 1.64 0.42	66.45 2.86 4.92	124.66 4.57 7.48	61.01 2.76 3.27	40.93 2.14 0.82	37.29 1.99 -2.06	29.40 1.64 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.13 1.51 0.00	22.69 1.34 0.00	24.13 1.46 0.00	30.15 1.67 0.00	37.24 1.73 0.02	46.91 2.56 0.00	40.67 2.04 0.00	37.93 1.96 0.00	38.97 1.93 0.00	37.06 1.71 0.00
BARRETT_IC_12 23703	130.29 1.19 -98.72	33.31 1.16 0.00	33.23 1.26 0.00	31.34 1.29 0.00	31.14 1.36 0.00	37.04 1.64 0.42	66.45 2.86 4.92	124.66 4.57 7.48	61.01 2.76 3.27	40.93 2.14 0.82	37.29 1.99 -2.06	29.40 1.64 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.13 1.51 0.00	22.69 1.34 0.00	24.13 1.46 0.00	30.15 1.67 0.00	37.24 1.73 0.02	46.91 2.56 0.00	40.67 2.04 0.00	37.93 1.96 0.00	38.97 1.93 0.00	37.06 1.71 0.00
BARRETT_IC_2 23705	130.29 1.19 -98.72	33.31 1.16 0.00	33.23 1.26 0.00	31.34 1.29 0.00	31.14 1.36 0.00	37.04 1.64 0.42	66.45 2.86 4.92	124.66 4.57 7.48	61.01 2.76 3.27	40.93 2.14 0.82	37.29 1.99 -2.06	29.40 1.64 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.13 1.51 0.00	22.69 1.34 0.00	24.13 1.46 0.00	30.15 1.67 0.00	37.24 1.73 0.02	46.91 2.56 0.00	40.67 2.04 0.00	37.93 1.96 0.00	38.97 1.93 0.00	37.06 1.71 0.00
BARRETT_IC_3 23706	130.29 1.19 -98.72	33.31 1.16 0.00	33.23 1.26 0.00	31.34 1.29 0.00	31.14 1.36 0.00	37.04 1.64 0.42	66.45 2.86 4.92	124.66 4.57 7.48	61.01 2.76 3.27	40.93 2.14 0.82	37.29 1.99 -2.06	29.40 1.64 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.13 1.51 0.00	22.69 1.34 0.00	24.13 1.46 0.00	30.15 1.67 0.00	37.24 1.73 0.02	46.91 2.56 0.00	40.67 2.04 0.00	37.93 1.96 0.00	38.97 1.93 0.00	37.06 1.71 0.00
BARRETT_IC_4 23707	130.29 1.19 -98.72	33.31 1.16 0.00	33.23 1.26 0.00	31.34 1.29 0.00	31.14 1.36 0.00	37.04 1.64 0.42	66.45 2.86 4.92	124.66 4.57 7.48	61.01 2.76 3.27	40.93 2.14 0.82	37.29 1.99 -2.06	29.40 1.64 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.13 1.51 0.00	22.69 1.34 0.00	24.13 1.46 0.00	30.15 1.67 0.00	37.24 1.73 0.02	46.91 2.56 0.00	40.67 2.04 0.00	37.93 1.96 0.00	38.97 1.93 0.00	37.06 1.71 0.00

BARRETT_IC_5 23708	130.29 1.19 -98.72	33.31 1.16 0.00	33.23 1.26 0.00	31.34 1.29 0.00	31.14 1.36 0.00	37.04 1.64 0.42	66.45 2.86 4.92	124.66 4.57 7.48	61.01 2.76 3.27	40.93 2.14 0.82	37.29 1.99 -2.06	29.40 1.64 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.13 1.51 0.00	22.69 1.34 0.00	24.13 1.46 0.00	30.15 1.67 0.00	37.24 1.73 0.02	46.91 2.56 0.00	40.67 2.04 0.00	37.93 1.96 0.00	38.97 1.93 0.00	37.06 1.71 0.00
BARRETT_IC_6 23709	130.29 1.19 -98.72	33.31 1.16 0.00	33.23 1.26 0.00	31.34 1.29 0.00	31.14 1.36 0.00	37.04 1.64 0.42	66.45 2.86 4.92	124.66 4.57 7.48	61.01 2.76 3.27	40.93 2.14 0.82	37.29 1.99 -2.06	29.40 1.64 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.13 1.51 0.00	22.69 1.34 0.00	24.13 1.46 0.00	30.15 1.67 0.00	37.24 1.73 0.02	46.91 2.56 0.00	40.67 2.04 0.00	37.93 1.96 0.00	38.97 1.93 0.00	37.06 1.71 0.00
BARRETT_IC_7 23710	130.29 1.19 -98.72	33.30 1.16 0.00	33.23 1.26 0.00	31.35 1.29 0.00	31.14 1.36 0.00	37.05 1.64 0.42	66.46 2.87 4.92	124.68 4.59 7.48	61.02 2.78 3.27	40.93 2.15 0.82	37.29 1.99 -2.06	29.40 1.64 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.13 1.51 0.00	22.69 1.34 0.00	24.13 1.46 0.00	30.15 1.67 0.00	37.24 1.73 0.02	46.91 2.56 0.00	40.67 2.04 0.00	37.93 1.97 0.00	38.98 1.94 0.00	37.08 1.73 0.00
BARRETT_IC_8 23711	130.29 1.19 -98.72	33.31 1.16 0.00	33.23 1.26 0.00	31.34 1.29 0.00	31.14 1.36 0.00	37.04 1.64 0.42	66.45 2.86 4.92	124.66 4.57 7.48	61.01 2.76 3.27	40.93 2.14 0.82	37.29 1.99 -2.06	29.40 1.64 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.13 1.51 0.00	22.69 1.34 0.00	24.13 1.46 0.00	30.15 1.67 0.00	37.24 1.73 0.02	46.91 2.56 0.00	40.67 2.04 0.00	37.93 1.96 0.00	38.97 1.93 0.00	37.06 1.71 0.00
BARRETT_IC_9 23700	130.29 1.19 -98.72	33.31 1.16 0.00	33.23 1.26 0.00	31.34 1.29 0.00	31.14 1.36 0.00	37.04 1.64 0.42	66.45 2.86 4.92	124.66 4.57 7.48	61.01 2.76 3.27	40.93 2.14 0.82	37.29 1.99 -2.06	29.40 1.64 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.13 1.51 0.00	22.69 1.34 0.00	24.13 1.46 0.00	30.15 1.67 0.00	37.24 1.73 0.02	46.91 2.56 0.00	40.67 2.04 0.00	37.93 1.96 0.00	38.97 1.93 0.00	37.06 1.71 0.00
BARRETT___1 23545	130.29 1.19 -98.72	33.31 1.16 0.00	33.23 1.26 0.00	31.34 1.29 0.00	31.14 1.36 0.00	37.04 1.64 0.42	66.45 2.86 4.92	124.66 4.57 7.48	61.01 2.76 3.27	40.93 2.14 0.82	37.29 1.99 -2.06	29.40 1.64 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.13 1.51 0.00	22.69 1.34 0.00	24.13 1.46 0.00	30.15 1.67 0.00	37.24 1.73 0.02	46.91 2.56 0.00	40.67 2.04 0.00	37.93 1.96 0.00	38.97 1.93 0.00	37.06 1.71 0.00
BARRETT___2 23546	130.29 1.19 -98.72	33.31 1.16 0.00	33.23 1.26 0.00	31.34 1.29 0.00	31.14 1.36 0.00	37.04 1.64 0.42	66.45 2.86 4.92	124.66 4.57 7.48	61.01 2.76 3.27	40.93 2.14 0.82	37.29 1.99 -2.06	29.40 1.64 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.13 1.51 0.00	22.69 1.34 0.00	24.13 1.46 0.00	30.15 1.67 0.00	37.24 1.73 0.02	46.91 2.56 0.00	40.67 2.04 0.00	37.93 1.96 0.00	38.97 1.93 0.00	37.06 1.71 0.00
BATAVIA__115KV_TB1 55881	29.84 -0.54 0.00	31.65 -0.50 0.00	31.17 -0.80 0.00	29.24 -0.81 0.00	29.11 -0.67 0.00	34.49 -0.27 1.07	55.48 -0.45 12.59	107.06 -0.67 19.84	52.09 -0.76 8.66	36.44 -0.99 2.17	32.51 -0.72 0.00	26.92 -0.84 0.00	26.22 -1.14 0.00	24.73 -1.56 0.00	23.08 -1.54 0.00	19.94 -1.40 0.00	21.08 -1.59 0.00	26.60 -1.89 0.00	33.71 -1.81 0.00	42.16 -2.19 0.00	36.50 -2.14 0.00	33.82 -2.15 0.00	32.27 -2.14 2.63	29.06 -1.99 4.31
BAYONEEC___CTG1 323682	31.45 1.08 0.00	33.19 1.05 0.00	33.14 1.16 0.00	31.28 1.23 0.00	31.05 1.27 0.00	37.04 1.62 0.40	66.77 3.00 4.75	125.85 5.76 7.48	61.30 3.06 3.27	40.91 2.12 0.82	35.08 1.85 0.00	29.34 1.58 0.00	28.86 1.50 0.00	27.81 1.52 0.00	26.12 1.50 0.00	22.68 1.34 0.00	24.13 1.46 0.00	30.19 1.70 0.00	37.39 1.87 0.00	47.01 2.66 0.00	40.74 2.11 0.00	37.83 1.86 0.00	38.82 1.78 0.00	36.90 1.55 0.00
BAYONEEC___CTG10 323750	31.45 1.08 0.00	33.19 1.05 0.00	33.14 1.16 0.00	31.28 1.23 0.00	31.05 1.27 0.00	37.04 1.62 0.40	66.77 3.00 4.75	125.85 5.76 7.48	61.30 3.06 3.27	40.91 2.12 0.82	35.08 1.85 0.00	29.34 1.58 0.00	28.86 1.50 0.00	27.81 1.52 0.00	26.12 1.50 0.00	22.68 1.34 0.00	24.13 1.46 0.00	30.19 1.70 0.00	37.39 1.87 0.00	47.01 2.66 0.00	40.74 2.11 0.00	37.83 1.86 0.00	38.82 1.78 0.00	36.90 1.55 0.00
BAYONEEC___CTG2 323683	31.45 1.08 0.00	33.19 1.05 0.00	33.14 1.16 0.00	31.28 1.23 0.00	31.05 1.27 0.00	37.04 1.62 0.40	66.77 3.00 4.75	125.85 5.76 7.48	61.30 3.06 3.27	40.91 2.12 0.82	35.08 1.85 0.00	29.34 1.58 0.00	28.86 1.50 0.00	27.81 1.52 0.00	26.12 1.50 0.00	22.68 1.34 0.00	24.13 1.46 0.00	30.19 1.70 0.00	37.39 1.87 0.00	47.01 2.66 0.00	40.74 2.11 0.00	37.83 1.86 0.00	38.82 1.78 0.00	36.90 1.55 0.00
BAYONEEC___CTG3 323684	31.45 1.08 0.00	33.19 1.05 0.00	33.14 1.16 0.00	31.28 1.23 0.00	31.05 1.27 0.00	37.04 1.62 0.40	66.77 3.00 4.75	125.85 5.76 7.48	61.30 3.06 3.27	40.91 2.12 0.82	35.08 1.85 0.00	29.34 1.58 0.00	28.86 1.50 0.00	27.81 1.52 0.00	26.12 1.50 0.00	22.68 1.34 0.00	24.13 1.46 0.00	30.19 1.70 0.00	37.39 1.87 0.00	47.01 2.66 0.00	40.74 2.11 0.00	37.83 1.86 0.00	38.82 1.78 0.00	36.90 1.55 0.00
BAYONEEC___CTG4 323685	31.45 1.08 0.00	33.19 1.05 0.00	33.14 1.16 0.00	31.28 1.23 0.00	31.05 1.27 0.00	37.04 1.62 0.40	66.77 3.00 4.75	125.85 5.76 7.48	61.30 3.06 3.27	40.91 2.12 0.82	35.08 1.85 0.00	29.34 1.58 0.00	28.86 1.50 0.00	27.81 1.52 0.00	26.12 1.50 0.00	22.68 1.34 0.00	24.13 1.46 0.00	30.19 1.70 0.00	37.39 1.87 0.00	47.01 2.66 0.00	40.74 2.11 0.00	37.83 1.86 0.00	38.82 1.78 0.00	36.90 1.55 0.00
BAYONEEC___CTG5 323686	31.45 1.08 0.00	33.19 1.05 0.00	33.14 1.16 0.00	31.28 1.23 0.00	31.05 1.27 0.00	37.04 1.62 0.40	66.77 3.00 4.75	125.85 5.76 7.48	61.30 3.06 3.27	40.91 2.12 0.82	35.08 1.85 0.00	29.34 1.58 0.00	28.86 1.50 0.00	27.81 1.52 0.00	26.12 1.50 0.00	22.68 1.34 0.00	24.13 1.46 0.00	30.19 1.70 0.00	37.39 1.87 0.00	47.01 2.66 0.00	40.74 2.11 0.00	37.83 1.86 0.00	38.82 1.78 0.00	36.90 1.55 0.00
BAYONEEC___CTG6 323687	31.45 1.08 0.00	33.19 1.05 0.00	33.14 1.16 0.00	31.28 1.23 0.00	31.05 1.27 0.00	37.04 1.62 0.40	66.77 3.00 4.75	125.85 5.76 7.48	61.30 3.06 3.27	40.91 2.12 0.82	35.08 1.85 0.00	29.34 1.58 0.00	28.86 1.50 0.00	27.81 1.52 0.00	26.12 1.50 0.00	22.68 1.34 0.00	24.13 1.46 0.00	30.19 1.70 0.00	37.39 1.87 0.00	47.01 2.66 0.00	40.74 2.11 0.00	37.83 1.86 0.00	38.82 1.78 0.00	36.90 1.55 0.00

BAYONEEC___CTG7 323688	31.45 1.08 0.00	33.19 1.05 0.00	33.14 1.16 0.00	31.28 1.23 0.00	31.05 1.27 0.00	37.04 1.62 0.40	66.77 3.00 4.75	125.85 5.76 7.48	61.30 3.06 3.27	40.91 2.12 0.82	35.08 1.85 0.00	29.34 1.58 0.00	28.86 1.50 0.00	27.81 1.52 0.00	26.12 1.50 0.00	22.68 1.34 0.00	24.13 1.46 0.00	30.19 1.70 0.00	37.39 1.87 0.00	47.01 2.66 0.00	40.74 2.11 0.00	37.83 1.86 0.00	38.82 1.78 0.00	36.90 1.55 0.00
BAYONEEC___CTG8 323689	31.45 1.08 0.00	33.19 1.05 0.00	33.14 1.16 0.00	31.28 1.23 0.00	31.05 1.27 0.00	37.04 1.62 0.40	66.77 3.00 4.75	125.85 5.76 7.48	61.30 3.06 3.27	40.91 2.12 0.82	35.08 1.85 0.00	29.34 1.58 0.00	28.86 1.50 0.00	27.81 1.52 0.00	26.12 1.50 0.00	22.68 1.34 0.00	24.13 1.46 0.00	30.19 1.70 0.00	37.39 1.87 0.00	47.01 2.66 0.00	40.74 2.11 0.00	37.83 1.86 0.00	38.82 1.78 0.00	36.90 1.55 0.00
BAYONEEC___CTG9 323749	31.45 1.08 0.00	33.19 1.05 0.00	33.14 1.16 0.00	31.28 1.23 0.00	31.05 1.27 0.00	37.04 1.62 0.40	66.77 3.00 4.75	125.85 5.76 7.48	61.30 3.06 3.27	40.91 2.12 0.82	35.08 1.85 0.00	29.34 1.58 0.00	28.86 1.50 0.00	27.81 1.52 0.00	26.12 1.50 0.00	22.68 1.34 0.00	24.13 1.46 0.00	30.19 1.70 0.00	37.39 1.87 0.00	47.01 2.66 0.00	40.74 2.11 0.00	37.83 1.86 0.00	38.82 1.78 0.00	36.90 1.55 0.00
BEACON___LESR 323632	31.01 0.63 0.00	32.82 0.68 0.00	32.62 0.64 0.00	30.81 0.75 0.00	30.60 0.82 0.00	36.49 1.06 0.39	65.79 1.87 4.60	123.57 3.23 7.24	59.98 1.64 3.16	40.02 1.21 0.79	34.29 1.05 0.00	28.63 0.86 0.00	28.17 0.81 0.00	27.06 0.76 0.00	25.33 0.70 0.00	22.00 0.65 0.00	23.40 0.73 0.00	29.43 0.95 0.00	36.73 1.20 0.00	45.89 1.54 0.00	39.78 1.15 0.00	37.19 1.22 0.00	38.23 1.19 0.00	36.33 0.98 0.00
BEAVER RIVER___HYD 24048	29.29 -1.09 0.00	30.98 -1.17 0.00	30.92 -1.06 0.00	32.11 -0.88 -2.94	31.91 -0.79 -2.92	37.36 -0.79 -2.32	63.87 -0.79 3.86	117.91 -1.46 8.21	56.42 -1.49 3.60	36.93 -1.78 0.89	31.25 -1.99 0.00	25.91 -1.85 0.00	25.52 -1.84 0.00	24.52 -1.77 0.00	23.00 -1.86 -0.24	20.91 -1.63 -1.20	21.25 -1.61 -0.18	27.01 -1.48 0.00	34.59 -0.93 0.00	44.23 -0.12 0.00	38.54 -0.09 0.00	35.75 -0.22 0.00	36.76 -0.27 0.00	35.24 -0.12 0.00
BEEBEE_GT_13 23619	29.67 -0.70 0.00	31.46 -0.69 0.00	31.09 -0.89 0.00	29.17 -0.89 0.00	28.94 -0.83 0.00	34.09 -0.64 1.11	54.52 -0.99 13.00	105.28 -1.80 20.49	51.42 -1.14 8.95	36.35 -1.01 2.24	32.47 -0.76 0.00	27.04 -0.73 0.00	26.47 -0.89 0.00	25.11 -1.18 0.00	23.46 -1.16 0.00	20.28 -1.07 0.00	21.47 -1.20 0.00	27.06 -1.43 0.00	33.99 -1.54 0.00	42.36 -1.99 0.00	36.69 -1.95 0.00	34.10 -1.86 0.00	35.20 -1.84 0.00	33.68 -1.68 0.00
BENSHRST_27_KV_BENSHRST_1 355998	56.15 1.61 -24.16	55.50 1.61 -21.74	55.51 1.70 -21.84	55.46 1.74 -23.67	55.47 1.78 -23.91	56.18 2.22 -18.13	69.65 4.07 2.94	131.10 8.03 4.51	70.72 4.23 -4.98	58.42 2.88 -15.94	66.22 2.44 -30.54	56.89 2.04 -27.09	56.78 1.94 -27.48	56.76 1.94 -28.52	56.73 1.89 -30.21	56.57 1.68 -33.55	56.03 1.83 -31.53	72.90 2.17 -42.25	82.31 2.50 -44.29	96.68 3.46 -48.88	96.65 2.79 -55.23	96.62 2.54 -58.11	62.68 2.47 -23.16	56.77 2.17 -19.24
BETHLEHEM___GRP 23843	30.64 0.27 0.00	32.38 0.23 0.00	32.23 0.25 0.00	30.40 0.34 0.00	30.19 0.41 0.00	35.90 0.46 0.39	64.50 0.58 4.59	121.32 0.98 7.24	59.02 0.67 3.16	39.42 0.61 0.79	33.81 0.58 0.00	28.29 0.53 0.00	27.88 0.52 0.00	26.83 0.54 0.00	25.11 0.49 0.00	21.80 0.46 0.00	23.15 0.48 0.00	29.00 0.51 0.00	36.05 0.52 0.00	45.03 0.68 0.00	39.16 0.52 0.00	36.59 0.63 0.00	37.61 0.57 0.00	35.86 0.51 0.00
BETHLEHEM___GS1 323560	30.64 0.27 0.00	32.37 0.23 0.00	32.23 0.25 0.00	30.40 0.34 0.00	30.19 0.41 0.00	35.90 0.46 0.39	64.50 0.58 4.59	121.31 0.98 7.24	59.02 0.67 3.16	39.42 0.61 0.79	33.81 0.58 0.00	28.29 0.53 0.00	27.88 0.52 0.00	26.83 0.54 0.00	25.11 0.49 0.00	21.80 0.46 0.00	23.15 0.47 0.00	29.00 0.51 0.00	36.05 0.52 0.00	45.03 0.69 0.00	39.16 0.53 0.00	36.59 0.63 0.00	37.61 0.57 0.00	35.86 0.50 0.00
BETHLEHEM___GS2 323561	30.64 0.27 0.00	32.37 0.23 0.00	32.23 0.25 0.00	30.40 0.34 0.00	30.19 0.41 0.00	35.90 0.46 0.39	64.50 0.58 4.59	121.31 0.98 7.24	59.02 0.67 3.16	39.42 0.61 0.79	33.81 0.58 0.00	28.29 0.53 0.00	27.88 0.52 0.00	26.83 0.54 0.00	25.11 0.49 0.00	21.80 0.46 0.00	23.15 0.47 0.00	29.00 0.51 0.00	36.05 0.52 0.00	45.03 0.69 0.00	39.16 0.53 0.00	36.59 0.63 0.00	37.61 0.57 0.00	35.86 0.50 0.00
BETHLEHEM___GS3 323562	30.64 0.27 0.00	32.37 0.23 0.00	32.23 0.25 0.00	30.40 0.34 0.00	30.19 0.41 0.00	35.90 0.46 0.39	64.50 0.58 4.59	121.31 0.98 7.24	59.02 0.67 3.16	39.42 0.61 0.79	33.81 0.58 0.00	28.29 0.53 0.00	27.88 0.52 0.00	26.83 0.54 0.00	25.11 0.49 0.00	21.80 0.46 0.00	23.15 0.47 0.00	29.00 0.51 0.00	36.05 0.52 0.00	45.03 0.69 0.00	39.16 0.53 0.00	36.59 0.63 0.00	37.61 0.57 0.00	35.86 0.50 0.00
BETHLEHEM___STEEL 23779	29.50 -0.88 0.00	31.34 -0.81 0.00	30.82 -1.16 0.00	28.95 -1.10 0.00	28.73 -1.05 0.00	34.05 -0.75 1.03	54.93 -1.47 12.11	105.82 -2.66 19.09	51.74 -1.44 8.33	36.48 -1.04 2.09	32.59 -0.65 0.00	27.07 -0.69 0.00	26.36 -1.00 0.00	24.85 -1.44 0.00	23.26 -1.36 0.00	20.08 -1.26 0.00	21.25 -1.42 0.00	26.71 -1.78 0.00	33.51 -2.02 0.00	41.55 -2.80 0.00	35.79 -2.84 0.00	33.16 -2.80 0.00	31.59 -2.80 2.65	28.41 -2.61 4.34
BETHLHEM_115KV_TB1 79974	30.69 0.31 0.00	32.42 0.27 0.00	32.27 0.30 0.00	30.44 0.38 0.00	30.24 0.45 0.00	35.97 0.53 0.39	64.64 0.71 4.59	121.55 1.21 7.23	59.13 0.78 3.16	39.48 0.67 0.79	33.85 0.61 0.00	28.32 0.55 0.00	27.90 0.54 0.00	26.85 0.56 0.00	25.13 0.50 0.00	21.82 0.47 0.00	23.17 0.50 0.00	29.03 0.55 0.00	36.10 0.57 0.00	45.12 0.77 0.00	39.22 0.59 0.00	36.64 0.67 0.00	37.66 0.62 0.00	35.91 0.56 0.00
BETHPAGE_CC_5 323564	41.61 1.15 -10.09	33.25 1.10 0.00	33.19 1.21 0.00	31.29 1.23 0.00	31.10 1.32 0.00	36.66 1.53 0.70	63.24 2.72 8.00	124.95 4.86 7.48	61.01 2.76 3.27	40.81 2.03 0.82	35.38 1.90 -0.24	29.33 1.57 0.00	28.89 1.53 0.00	27.79 1.50 0.00	26.11 1.49 0.00	22.69 1.35 0.00	24.16 1.49 0.00	30.18 1.70 0.00	36.92 1.76 0.37	47.05 2.70 0.00	40.78 2.15 0.00	38.04 2.08 0.00	39.08 2.04 0.00	37.19 1.83 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.56 -0.82 0.00	31.40 -0.75 0.00	30.90 -1.08 0.00	29.05 -1.01 0.00	28.79 -0.99 0.00	34.13 -0.67 1.03	55.15 -1.33 12.05	106.31 -2.28 18.98	51.99 -1.23 8.29	36.63 -0.90 2.08	32.72 -0.52 0.00	27.16 -0.60 0.00	26.46 -0.90 0.00	24.96 -1.33 0.00	23.37 -1.25 0.00	20.17 -1.17 0.00	21.35 -1.33 0.00	26.83 -1.65 0.00	33.66 -1.87 0.00	41.75 -2.60 0.00	35.97 -2.66 0.00	33.32 -2.65 0.00	31.95 -2.65 2.44	28.85 -2.52 3.99

BINGHAMTON___COGEN 23790	30.05 -0.32 0.00	31.79 -0.35 0.00	31.58 -0.40 0.00	29.81 -0.25 0.00	29.45 -0.33 0.00	34.86 -0.24 0.73	59.75 -0.26 8.51	113.85 -0.32 13.41	55.21 -0.45 5.86	37.75 -0.39 1.47	32.93 -0.30 0.00	27.49 -0.27 0.00	27.01 -0.35 0.00	25.94 -0.36 0.00	24.37 -0.25 0.00	21.12 -0.22 0.00	22.45 -0.22 0.00	28.24 -0.24 0.00	35.31 -0.22 0.00	44.23 -0.12 0.00	38.24 -0.39 0.00	35.61 -0.36 0.00	36.62 -0.42 0.00	34.81 -0.55 0.00
BIXINCNT_115KV_LOAD 355685	28.98 -1.39 0.00	30.84 -1.31 0.00	30.73 -1.25 0.00	29.08 -0.98 0.00	28.47 -1.31 0.00	33.63 -1.20 1.00	54.72 -2.08 11.72	106.73 -2.38 18.46	52.70 -0.75 8.06	37.05 -0.53 2.02	33.01 -0.22 0.00	27.41 -0.35 0.00	26.71 -0.65 0.00	25.31 -0.98 0.00	23.78 -0.84 0.00	20.47 -0.87 0.00	21.66 -1.01 0.00	27.24 -1.24 0.00	34.23 -1.30 0.00	42.57 -1.78 0.00	36.47 -2.16 0.00	33.54 -2.42 0.00	33.32 -2.58 1.15	30.59 -2.89 1.88
BLACK RIVER___HYD 24047	29.43 -0.95 0.00	31.12 -1.03 0.00	31.12 -0.86 0.00	31.68 -0.49 -2.11	31.32 -0.56 -2.10	36.92 -0.40 -1.49	63.91 0.27 4.87	118.71 0.35 9.21	56.48 -1.00 4.03	36.83 -1.77 1.00	31.09 -2.14 0.00	25.74 -2.02 0.00	25.36 -2.00 0.00	24.30 -1.99 0.00	22.66 -2.13 -0.17	20.40 -1.81 -0.86	21.04 -1.76 -0.13	26.96 -1.53 0.00	34.66 -0.86 0.00	44.64 0.29 0.00	38.85 0.22 0.00	36.00 0.04 0.00	36.99 -0.06 0.00	35.43 0.08 0.00
BLACKRVR_115KV_TB2 79977	29.43 -0.95 0.00	31.12 -1.03 0.00	31.12 -0.86 0.00	31.68 -0.48 -2.11	31.32 -0.56 -2.10	36.92 -0.40 -1.49	63.90 0.26 4.87	118.71 0.34 9.21	56.48 -1.00 4.03	36.83 -1.77 1.00	31.09 -2.14 0.00	25.74 -2.02 0.00	25.35 -2.00 0.00	24.30 -1.99 0.00	22.66 -2.13 -0.17	20.39 -1.81 -0.86	21.04 -1.76 -0.13	26.96 -1.53 0.00	34.66 -0.86 0.00	44.64 0.29 0.00	38.85 0.22 0.00	36.00 0.04 0.00	36.99 -0.06 0.00	35.42 0.07 0.00
BLISS_WT_PWR 323608	28.70 -1.67 0.00	30.55 -1.60 0.00	30.52 -1.46 0.00	28.92 -1.13 0.00	28.24 -1.53 0.00	33.36 -1.47 1.00	54.25 -2.54 11.72	106.22 -2.89 18.46	52.65 -0.79 8.06	37.06 -0.53 2.02	32.98 -0.26 0.00	27.37 -0.39 0.00	26.68 -0.68 0.00	25.29 -1.01 0.00	23.77 -0.85 0.00	20.45 -0.89 0.00	21.64 -1.03 0.00	27.22 -1.26 0.00	34.24 -1.28 0.00	42.57 -1.78 0.00	36.42 -2.21 0.00	33.43 -2.53 0.00	33.20 -2.70 1.15	30.40 -3.08 1.88
BLUESTONE___WT_PWR 323821	29.18 -1.20 0.00	30.72 -1.43 0.00	30.22 -1.76 0.00	28.58 -1.47 0.00	28.30 -1.48 0.00	33.69 -1.46 0.68	58.31 -2.18 8.02	111.22 -3.72 12.64	53.88 -2.11 5.52	36.36 -1.86 1.38	31.38 -1.85 0.00	26.10 -1.66 0.00	25.70 -1.66 0.00	24.76 -1.54 0.00	23.22 -1.40 0.00	20.23 -1.12 0.00	21.70 -0.97 0.00	27.95 -0.54 0.00	36.00 0.48 0.00	45.62 1.27 0.00	40.04 1.41 0.00	37.50 1.54 0.00	38.62 1.58 0.00	36.52 1.16 0.00
BLUE_CIRC_CHEM_DRP 24182	30.97 0.60 0.00	32.74 0.60 0.00	32.60 0.62 0.00	30.73 0.67 0.00	30.52 0.73 0.00	36.33 0.89 0.39	65.37 1.44 4.59	122.79 2.44 7.23	59.64 1.29 3.16	39.74 0.93 0.79	34.02 0.78 0.00	28.38 0.61 0.00	27.90 0.54 0.00	26.81 0.52 0.00	25.09 0.46 0.00	21.78 0.43 0.00	23.14 0.47 0.00	29.14 0.65 0.00	36.36 0.84 0.00	45.48 1.13 0.00	39.52 0.89 0.00	36.90 0.94 0.00	37.96 0.92 0.00	36.19 0.83 0.00
BOC_GAS_DRP 24189	30.77 0.40 0.00	32.52 0.37 0.00	32.38 0.40 0.00	30.52 0.47 0.00	30.29 0.52 0.00	36.07 0.63 0.39	64.88 0.93 4.57	122.02 1.64 7.20	59.32 0.95 3.14	39.59 0.78 0.79	33.90 0.66 0.00	28.34 0.58 0.00	27.93 0.57 0.00	26.87 0.57 0.00	25.15 0.53 0.00	21.84 0.50 0.00	23.20 0.53 0.00	29.10 0.61 0.00	36.18 0.66 0.00	45.25 0.90 0.00	39.32 0.69 0.00	36.70 0.73 0.00	37.74 0.70 0.00	35.98 0.62 0.00
BOONVILLE_115KV_TB1 79983	30.27 -0.10 0.00	31.98 -0.17 0.00	31.86 -0.12 0.00	31.18 -0.03 -1.16	31.01 0.08 -1.15	36.66 0.25 -0.58	63.93 0.91 5.49	119.88 1.81 9.50	57.83 0.48 4.16	38.49 -0.08 1.04	32.86 -0.37 0.00	27.35 -0.41 0.00	26.95 -0.41 0.00	25.92 -0.37 0.00	24.26 -0.46 -0.09	21.40 -0.42 -0.47	22.40 -0.34 -0.07	28.41 -0.07 0.00	35.85 0.32 0.00	45.24 0.90 0.00	39.31 0.68 0.00	36.52 0.55 0.00	37.54 0.50 0.00	35.85 0.49 0.00
BORALEX_4TH_BRANCH 23824	31.33 0.96 0.00	33.15 1.01 0.00	32.94 0.96 0.00	31.09 1.03 0.00	30.92 1.14 0.00	36.84 1.41 0.40	65.79 1.89 4.62	123.75 3.46 7.28	60.45 2.12 3.18	40.54 1.73 0.80	34.72 1.49 0.00	29.05 1.29 0.00	28.75 1.39 0.00	27.64 1.35 0.00	25.79 1.17 0.00	22.37 1.03 0.00	23.69 1.02 0.00	29.66 1.18 0.00	36.66 1.14 0.00	45.83 1.48 0.00	39.85 1.22 0.00	37.51 1.55 0.00	38.64 1.61 0.00	36.83 1.48 0.00
BOWLINE___1 23526	31.17 0.79 0.00	32.94 0.79 0.00	32.82 0.85 0.00	30.98 0.92 0.00	30.73 0.95 0.00	36.65 1.23 0.41	66.13 2.38 4.77	124.60 4.54 7.51	60.54 2.31 3.28	40.32 1.54 0.82	34.53 1.29 0.00	28.84 1.08 0.00	28.38 1.02 0.00	27.35 1.06 0.00	25.68 1.06 0.00	22.31 0.97 0.00	23.74 1.07 0.00	29.78 1.30 0.00	36.96 1.43 0.00	46.45 2.10 0.00	40.28 1.65 0.00	37.42 1.46 0.00	38.46 1.42 0.00	36.55 1.19 0.00
BOWLINE___2 23595	31.17 0.79 0.00	32.94 0.80 0.00	32.82 0.85 0.00	30.98 0.92 0.00	30.73 0.95 0.00	36.64 1.22 0.41	66.10 2.35 4.77	124.58 4.51 7.51	60.53 2.30 3.28	40.31 1.53 0.82	34.51 1.28 0.00	28.83 1.06 0.00	28.38 1.02 0.00	27.35 1.05 0.00	25.68 1.06 0.00	22.31 0.97 0.00	23.74 1.07 0.00	29.78 1.30 0.00	36.96 1.43 0.00	46.45 2.10 0.00	40.28 1.65 0.00	37.42 1.46 0.00	38.46 1.42 0.00	36.55 1.19 0.00
BRADY___115KV_TB2 356060	30.87 0.49 0.00	32.78 0.64 0.00	32.59 0.62 0.00	34.10 0.38 -3.67	33.81 0.38 -3.65	39.37 0.31 -3.24	69.08 0.81 0.24	126.11 1.49 2.95	60.52 0.31 1.30	39.09 -0.19 0.32	33.00 -0.23 0.00	27.55 -0.21 0.00	27.09 -0.27 0.00	26.07 -0.22 0.00	24.71 -0.22 -0.30	22.58 -0.26 -1.50	22.58 -0.31 -0.21	28.19 -0.29 0.00	35.50 -0.02 0.00	44.58 0.24 0.00	39.24 0.61 0.00	36.44 0.47 0.00	37.66 0.62 0.00	36.09 0.73 0.00
BRANSCOMB___SOLAR 323811	31.29 0.92 0.00	33.10 0.95 0.00	32.90 0.92 0.00	31.03 0.97 0.00	30.84 1.06 0.00	36.84 1.41 0.40	66.30 2.42 4.63	124.61 4.33 7.30	60.59 2.27 3.19	40.32 1.52 0.80	34.35 1.12 0.00	28.62 0.86 0.00	28.09 0.73 0.00	27.05 0.76 0.00	25.24 0.62 0.00	21.86 0.52 0.00	23.28 0.61 0.00	29.37 0.88 0.00	36.67 1.15 0.00	45.93 1.59 0.00	39.96 1.33 0.00	37.58 1.62 0.00	38.69 1.65 0.00	36.81 1.46 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.90 1.26 -4.26	33.35 1.21 0.00	33.32 1.34 0.00	31.40 1.35 0.00	31.24 1.46 0.00	36.82 1.75 0.76	62.91 3.01 8.62	125.65 5.56 7.48	61.30 3.06 3.27	41.02 2.23 0.82	35.38 2.04 -0.11	29.36 1.60 0.00	28.94 1.59 0.00	27.84 1.54 0.00	26.15 1.53 0.00	22.74 1.39 0.00	24.23 1.55 0.00	30.30 1.81 0.00	36.96 1.87 0.44	47.27 2.92 0.00	40.98 2.35 0.00	38.29 2.32 0.00	39.39 2.35 0.00	37.38 2.03 0.00



BRISTLHL_115KV_TB1 79998	29.71 -0.67 0.00	31.41 -0.74 0.00	31.21 -0.76 0.00	29.31 -0.74 0.00	29.01 -0.77 0.00	34.59 -0.87 0.37	62.71 -1.43 4.38	118.06 -2.60 6.91	57.06 -1.43 3.02	37.73 -1.12 0.76	32.26 -0.98 0.00	26.97 -0.79 0.00	26.61 -0.76 0.00	25.52 -0.77 0.00	23.89 -0.73 0.00	20.71 -0.63 0.00	22.00 -0.67 0.00	27.67 -0.82 0.00	34.57 -0.96 0.00	43.20 -1.15 0.00	37.50 -1.13 0.00	34.98 -0.99 0.00	35.97 -1.07 0.00	34.36 -0.99 0.00
BROOKHAVEN___DRP 24191	34.61 0.64 -3.59	32.71 0.56 0.00	32.79 0.81 0.00	30.88 0.82 0.00	30.73 0.95 0.00	36.11 1.05 0.77	61.44 1.61 8.69	123.10 3.01 7.48	59.95 1.71 3.27	40.32 1.54 0.82	34.70 1.38 -0.09	28.82 1.06 0.00	28.50 1.14 0.00	27.38 1.09 0.00	25.82 1.20 0.00	22.40 1.05 0.00	23.84 1.17 0.00	29.83 1.35 0.00	36.24 1.16 0.44	46.42 2.07 0.00	40.25 1.62 0.00	37.65 1.68 0.00	38.84 1.80 0.00	36.85 1.49 0.00
BROOKLYN_NAVY_YARD 23515	31.40 1.03 0.00	33.12 0.97 0.00	33.05 1.08 0.00	31.21 1.16 0.00	30.97 1.19 0.00	36.95 1.52 0.40	66.58 2.81 4.75	125.56 5.46 7.48	61.19 2.95 3.27	40.85 2.07 0.82	35.04 1.81 0.00	29.31 1.54 0.00	28.82 1.46 0.00	27.76 1.47 0.00	26.07 1.45 0.00	22.64 1.30 0.00	24.09 1.42 0.00	30.14 1.65 0.00	37.32 1.80 0.00	46.91 2.57 0.00	40.68 2.05 0.00	37.75 1.79 0.00	38.78 1.74 0.00	36.86 1.51 0.00
BROOKLYN___ARMY_DRP 323595	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.25 -30.54	56.73 1.88 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.47 2.27 -23.16	56.59 1.99 -19.24
BROOKVLE_69_KV_TB1 55790	48.68 1.34 -16.97	33.45 1.31 0.00	33.37 1.40 0.00	31.47 1.41 0.00	31.28 1.50 0.00	37.09 1.83 0.57	65.37 3.37 6.52	126.16 6.07 7.48	61.57 3.33 3.27	41.17 2.38 0.82	35.84 2.17 -0.44	29.54 1.78 0.00	29.09 1.73 0.00	27.98 1.68 0.00	26.28 1.66 0.00	22.83 1.49 0.00	24.31 1.64 0.00	30.42 1.94 0.00	37.41 2.09 0.20	47.41 3.06 0.00	41.08 2.45 0.00	38.30 2.34 0.00	39.33 2.29 0.00	37.39 2.04 0.00
BROOME_2_LFGE 323671	30.05 -0.32 0.00	31.79 -0.35 0.00	31.58 -0.40 0.00	29.81 -0.25 0.00	29.45 -0.33 0.00	34.86 -0.24 0.73	59.75 -0.26 8.51	113.85 -0.31 13.41	55.21 -0.44 5.86	37.75 -0.39 1.47	32.93 -0.30 0.00	27.50 -0.27 0.00	27.01 -0.34 0.00	25.94 -0.36 0.00	24.38 -0.25 0.00	21.12 -0.22 0.00	22.45 -0.22 0.00	28.24 -0.24 0.00	35.31 -0.22 0.00	44.23 -0.12 0.00	38.25 -0.38 0.00	35.61 -0.36 0.00	36.62 -0.42 0.00	34.82 -0.54 0.00
BROOME___LFGE 323600	30.05 -0.32 0.00	31.79 -0.35 0.00	31.58 -0.40 0.00	29.81 -0.25 0.00	29.45 -0.33 0.00	34.86 -0.24 0.73	59.75 -0.26 8.51	113.85 -0.31 13.41	55.21 -0.44 5.86	37.75 -0.39 1.47	32.93 -0.30 0.00	27.50 -0.27 0.00	27.01 -0.34 0.00	25.94 -0.36 0.00	24.38 -0.25 0.00	21.12 -0.22 0.00	22.45 -0.22 0.00	28.24 -0.24 0.00	35.31 -0.22 0.00	44.23 -0.12 0.00	38.25 -0.38 0.00	35.61 -0.36 0.00	36.62 -0.42 0.00	34.82 -0.54 0.00
BROWNFLS_115KV_TB_3_5 80003	29.38 -0.99 0.00	31.15 -0.99 0.00	31.04 -0.94 0.00	34.32 -0.92 -5.18	34.07 -0.86 -5.15	39.37 -1.01 -4.55	65.58 -1.40 1.53	118.71 -2.69 6.17	56.91 -1.87 2.73	37.20 -1.74 0.67	31.45 -1.79 0.00	26.15 -1.62 0.00	25.70 -1.66 0.00	24.71 -1.58 0.00	23.43 -1.61 -0.42	22.02 -1.43 -2.11	21.54 -1.45 -0.33	27.02 -1.47 0.00	34.36 -1.16 0.00	43.58 -0.76 0.00	38.16 -0.47 0.00	35.42 -0.54 0.00	36.50 -0.54 0.00	34.99 -0.36 0.00
BROWNSV1_27_KV_LOAD 356125	31.77 1.39 0.00	33.52 1.38 0.00	33.46 1.48 0.00	31.57 1.52 0.00	31.34 1.57 0.00	37.41 1.98 0.40	67.56 3.79 4.75	127.38 7.29 7.48	62.05 3.81 3.27	41.39 2.60 0.82	35.48 2.25 0.00	29.66 1.90 0.00	29.17 1.82 0.00	28.10 1.81 0.00	26.39 1.77 0.00	22.92 1.58 0.00	24.38 1.71 0.00	30.51 2.03 0.00	37.81 2.29 0.00	47.52 3.17 0.00	41.19 2.56 0.00	38.25 2.28 0.00	39.25 2.21 0.00	37.30 1.95 0.00
BURROWS___LYONSDAL 23803	29.97 -0.41 0.00	31.65 -0.49 0.00	31.55 -0.43 0.00	31.23 -0.33 -1.51	31.08 -0.20 -1.50	36.68 -0.08 -0.92	63.66 0.31 5.17	119.09 0.76 9.25	57.35 -0.11 4.05	38.03 -0.57 1.01	32.41 -0.83 0.00	26.95 -0.81 0.00	26.56 -0.80 0.00	25.55 -0.75 0.00	23.90 -0.84 -0.12	21.21 -0.75 -0.61	22.08 -0.69 -0.09	28.03 -0.45 0.00	35.52 0.00 0.00	44.99 0.65 0.00	39.10 0.47 0.00	36.31 0.34 0.00	37.33 0.29 0.00	35.69 0.34 0.00
CAITHNESS_CC_1 323624	34.66 0.71 -3.57	32.77 0.63 0.00	32.83 0.85 0.00	30.93 0.88 0.00	30.77 0.99 0.00	36.17 1.11 0.77	61.53 1.70 8.69	123.29 3.19 7.48	60.07 1.83 3.27	40.37 1.58 0.82	34.77 1.45 -0.09	28.89 1.13 0.00	28.54 1.18 0.00	27.43 1.14 0.00	25.84 1.22 0.00	22.43 1.08 0.00	23.88 1.21 0.00	29.87 1.38 0.00	36.30 1.22 0.44	46.47 2.12 0.00	40.30 1.67 0.00	37.69 1.73 0.00	38.86 1.82 0.00	36.86 1.50 0.00
CALPINE BETH_PAGE_GT4 24209	44.36 1.10 -12.88	33.19 1.05 0.00	33.13 1.15 0.00	31.23 1.17 0.00	31.04 1.26 0.00	36.57 1.41 0.68	63.31 2.49 7.70	124.48 4.38 7.48	60.78 2.54 3.27	40.68 1.90 0.82	35.36 1.83 -0.31	29.31 1.54 0.00	28.87 1.51 0.00	27.76 1.47 0.00	26.08 1.46 0.00	22.67 1.32 0.00	24.13 1.46 0.00	30.10 1.62 0.00	36.84 1.65 0.33	46.90 2.55 0.00	40.64 2.01 0.00	37.91 1.95 0.00	38.98 1.94 0.00	37.14 1.79 0.00
CALPINE_BETH_PAGE_GT_4 323586	44.36 1.10 -12.88	33.19 1.05 0.00	33.13 1.15 0.00	31.23 1.18 0.00	31.04 1.26 0.00	36.57 1.41 0.68	63.30 2.48 7.70	124.46 4.36 7.48	60.77 2.54 3.27	40.67 1.89 0.82	35.36 1.82 -0.31	29.31 1.54 0.00	28.87 1.51 0.00	27.76 1.47 0.00	26.08 1.46 0.00	22.67 1.32 0.00	24.13 1.46 0.00	30.10 1.62 0.00	36.84 1.65 0.33	46.90 2.55 0.00	40.64 2.01 0.00	37.91 1.95 0.00	38.96 1.92 0.00	37.13 1.77 0.00
CALPINE_BP_GT1 23823	44.36 1.10 -12.88	33.19 1.05 0.00	33.13 1.15 0.00	31.23 1.18 0.00	31.04 1.26 0.00	36.57 1.41 0.68	63.30 2.48 7.70	124.46 4.36 7.48	60.77 2.54 3.27	40.67 1.89 0.82	35.36 1.82 -0.31	29.31 1.54 0.00	28.87 1.51 0.00	27.76 1.47 0.00	26.08 1.46 0.00	22.67 1.32 0.00	24.13 1.46 0.00	30.10 1.62 0.00	36.84 1.65 0.33	46.90 2.55 0.00	40.64 2.01 0.00	37.91 1.95 0.00	38.96 1.92 0.00	37.13 1.77 0.00
CALSPAN___DRP 24200	29.50 -0.88 0.00	31.34 -0.81 0.00	30.82 -1.16 0.00	28.95 -1.10 0.00	28.73 -1.05 0.00	34.05 -0.75 1.03	54.93 -1.47 12.11	105.82 -2.66 19.09	51.74 -1.44 8.33	36.48 -1.04 2.09	32.59 -0.65 0.00	27.07 -0.69 0.00	26.36 -1.00 0.00	24.85 -1.44 0.00	23.26 -1.36 0.00	20.08 -1.26 0.00	21.25 -1.42 0.00	26.71 -1.78 0.00	33.51 -2.02 0.00	41.55 -2.80 0.00	35.79 -2.84 0.00	33.16 -2.80 0.00	31.59 -2.80 2.65	28.41 -2.61 4.34

CALVERTON___SOLAR 323806	34.54 0.57 -3.60	32.64 0.50 0.00	32.76 0.78 0.00	30.84 0.79 0.00	30.69 0.92 0.00	36.06 0.99 0.77	61.33 1.50 8.69	122.97 2.88 7.48	59.83 1.59 3.27	40.24 1.45 0.82	34.63 1.30 -0.09	28.75 0.99 0.00	28.44 1.08 0.00	27.33 1.04 0.00	25.79 1.16 0.00	22.36 1.01 0.00	23.79 1.12 0.00	29.80 1.31 0.00	36.19 1.10 0.44	46.37 2.02 0.00	40.20 1.57 0.00	37.61 1.64 0.00	38.81 1.77 0.00	36.80 1.45 0.00
CANDIGU_WT_PWR 323617	28.31 -2.06 0.00	30.07 -2.07 0.00	29.87 -2.11 0.00	28.24 -1.82 0.00	27.87 -1.91 0.00	32.87 -2.07 0.89	54.47 -3.59 10.46	104.93 -6.16 16.48	50.69 -3.62 7.20	34.99 -2.81 1.80	30.98 -2.26 0.00	25.92 -1.85 0.00	25.47 -1.89 0.00	24.35 -1.93 0.01	23.04 -1.58 0.00	19.93 -1.42 0.00	21.12 -1.56 0.00	26.80 -1.68 0.00	33.94 -1.59 0.00	42.77 -1.58 0.00	36.56 -2.07 0.00	33.65 -2.32 0.00	-0.01 -2.60 34.45	-23.84 -2.86 56.35
CARR STREET_E_SYR 24060	29.89 -0.49 0.00	31.60 -0.55 0.00	31.40 -0.58 0.00	29.52 -0.54 0.00	29.21 -0.57 0.00	34.40 -0.59 0.84	57.77 -0.89 9.85	110.47 -1.58 15.52	53.80 -0.93 6.78	37.14 -0.76 1.70	32.58 -0.65 0.00	27.23 -0.53 0.00	26.87 -0.49 0.00	25.76 -0.54 0.00	24.12 -0.50 0.00	20.89 -0.45 0.00	22.19 -0.49 0.00	27.90 -0.58 0.00	34.87 -0.66 0.00	43.59 -0.76 0.00	37.81 -0.82 0.00	35.30 -0.67 0.00	36.31 -0.73 0.00	34.65 -0.70 0.00
CARTHAGE___PAPER 23857	29.57 -0.80 0.00	31.29 -0.85 0.00	31.25 -0.73 0.00	32.00 -0.48 -2.43	31.73 -0.47 -2.42	37.30 -0.34 -1.81	64.29 0.25 4.48	119.13 0.38 8.82	56.82 -0.82 3.87	37.11 -1.54 0.96	31.33 -1.90 0.00	25.92 -1.84 0.00	25.54 -1.82 0.00	24.52 -1.77 0.00	22.92 -1.89 -0.20	20.69 -1.64 -0.99	21.23 -1.60 -0.15	27.11 -1.38 0.00	34.86 -0.67 0.00	44.76 0.41 0.00	38.99 0.36 0.00	36.13 0.17 0.00	37.15 0.11 0.00	35.60 0.24 0.00
CASSADAGA_WT_PWR 323784	29.56 -0.81 0.00	31.59 -0.56 0.00	30.93 -1.05 0.00	29.50 -0.56 0.00	29.14 -0.64 0.00	34.53 -0.29 1.00	57.04 0.29 11.76	111.04 2.00 18.53	53.73 0.31 8.09	37.59 0.01 2.03	33.43 0.20 0.00	27.79 0.02 0.00	26.99 -0.37 0.00	25.68 -0.61 0.00	24.14 -0.48 0.00	20.93 -0.42 0.00	22.20 -0.47 0.00	27.69 -0.80 0.00	34.47 -1.06 0.00	42.42 -1.92 0.00	35.67 -2.96 0.00	32.61 -3.36 0.00	32.30 -3.49 1.25	29.65 -3.66 2.05
CE_DUNWOOD___DRP 24194	31.40 1.03 0.00	33.15 1.01 0.00	33.05 1.07 0.00	31.20 1.14 0.00	30.97 1.19 0.00	36.93 1.51 0.40	66.58 2.81 4.75	125.46 5.37 7.48	61.07 2.83 3.27	40.73 1.95 0.82	34.90 1.66 0.00	29.18 1.41 0.00	28.71 1.35 0.00	27.66 1.37 0.00	25.96 1.34 0.00	22.55 1.21 0.00	24.00 1.33 0.00	30.05 1.57 0.00	37.26 1.73 0.00	46.82 2.47 0.00	40.60 1.97 0.00	37.74 1.78 0.00	38.77 1.73 0.00	36.86 1.51 0.00
CE_MILLWOOD___DRP 24193	31.31 0.93 0.00	33.06 0.92 0.00	32.96 0.98 0.00	31.10 1.05 0.00	30.87 1.09 0.00	36.81 1.38 0.41	66.39 2.63 4.75	125.10 5.01 7.49	60.83 2.60 3.27	40.57 1.78 0.82	34.74 1.51 0.00	29.04 1.28 0.00	28.58 1.22 0.00	27.53 1.24 0.00	25.85 1.23 0.00	22.45 1.11 0.00	23.89 1.22 0.00	29.94 1.45 0.00	37.13 1.61 0.00	46.65 2.30 0.00	40.45 1.82 0.00	37.60 1.64 0.00	38.64 1.60 0.00	36.75 1.39 0.00
CE_NYC2_DRP 24202	32.78 1.27 -1.14	33.39 1.24 -0.01	33.34 1.35 -0.01	31.47 1.40 -0.01	31.24 1.45 -0.01	37.25 1.82 0.40	67.12 3.35 4.75	126.63 6.54 7.48	61.72 3.47 3.27	41.78 2.41 0.23	43.11 2.08 -7.79	37.71 1.77 -8.18	41.46 1.67 -12.43	41.86 1.68 -13.89	46.24 1.64 -19.98	38.78 1.47 -15.96	33.52 1.60 -9.25	45.62 1.89 -15.25	39.98 2.09 -2.36	48.06 2.93 -0.78	43.98 2.35 -3.01	40.19 2.11 -2.12	39.08 2.04 0.00	37.23 1.79 -0.08
CE_NYC_DRP 24195	31.52 1.15 0.00	33.26 1.12 0.00	33.21 1.23 0.00	31.35 1.30 0.00	31.12 1.34 0.00	37.12 1.70 0.40	66.95 3.18 4.75	126.21 6.12 7.48	61.48 3.24 3.27	41.03 2.25 0.82	35.18 1.95 0.00	29.42 1.66 0.00	28.95 1.58 0.00	27.89 1.60 0.00	26.19 1.57 0.00	22.75 1.40 0.00	24.19 1.52 0.00	30.27 1.78 0.00	37.49 1.97 0.00	47.11 2.77 0.00	40.84 2.21 0.00	37.92 1.96 0.00	38.92 1.88 0.00	37.01 1.65 0.00
CHAFFEE___LFGE 323603	29.89 -0.48 0.00	31.82 -0.32 0.00	31.51 -0.46 0.00	29.79 -0.27 0.00	29.26 -0.52 0.00	34.45 -0.41 0.97	56.41 -0.69 11.42	108.51 -1.07 17.99	52.66 -0.99 7.86	37.04 -0.59 1.97	33.12 -0.12 0.00	27.56 -0.21 0.00	26.89 -0.47 0.00	25.63 -0.67 0.00	24.09 -0.53 0.00	20.80 -0.54 0.00	21.96 -0.71 0.00	27.50 -0.98 0.00	34.33 -1.20 0.00	42.86 -1.49 0.00	36.82 -1.81 0.00	34.12 -1.84 0.00	35.25 -1.80 0.00	33.41 -1.94 0.00
CHATEAUG_35_KV_LOAD 355732	29.86 -0.52 0.00	32.22 0.07 0.00	31.81 -0.16 0.00	-22.93 -0.85 52.14	-22.90 -0.79 51.88	-15.13 -1.12 49.85	41.52 -1.70 25.29	122.35 -2.81 2.41	59.38 -1.07 1.06	38.50 -0.84 0.26	32.43 -0.81 0.00	27.03 -0.73 0.00	26.54 -0.82 0.00	25.48 -0.82 0.00	19.59 -0.79 4.24	-0.67 -0.77 21.24	18.41 -0.79 3.47	27.67 -0.82 0.00	34.74 -0.79 0.00	43.96 -0.39 0.00	39.08 0.45 0.00	35.67 -0.29 0.00	36.58 -0.46 0.00	35.03 -0.32 0.00
CHATEAUG_WT_PWR 323614	29.78 -0.60 0.00	32.17 0.02 0.00	31.74 -0.23 0.00	-19.50 -0.93 48.62	-19.50 -0.91 48.38	-11.93 -1.28 46.48	42.98 -1.95 23.59	122.11 -3.22 2.24	59.26 -1.27 0.98	38.42 -0.94 0.24	32.38 -0.86 0.00	26.97 -0.79 0.00	26.49 -0.87 0.00	25.41 -0.88 0.00	19.82 -0.85 3.95	0.73 -0.81 19.81	18.60 -0.84 3.23	27.64 -0.85 0.00	34.70 -0.82 0.00	43.86 -0.49 0.00	38.97 0.34 0.00	35.55 -0.41 0.00	36.46 -0.58 0.00	34.94 -0.42 0.00
CHAT_HIGH_FALL_HYD 323578	29.86 -0.52 0.00	32.22 0.07 0.00	31.81 -0.16 0.00	-22.93 -0.85 52.14	-22.90 -0.79 51.88	-15.13 -1.12 49.85	41.52 -1.70 25.29	122.35 -2.81 2.41	59.38 -1.07 1.06	38.50 -0.84 0.26	32.43 -0.81 0.00	27.03 -0.73 0.00	26.54 -0.82 0.00	25.48 -0.82 0.00	19.59 -0.79 4.24	-0.67 -0.77 21.24	18.41 -0.79 3.47	27.67 -0.82 0.00	34.74 -0.79 0.00	43.96 -0.39 0.00	39.08 0.45 0.00	35.67 -0.29 0.00	36.58 -0.46 0.00	35.03 -0.32 0.00
CHAUTAUQUA___LFGE 323629	29.54 -0.83 0.00	31.47 -0.67 0.00	30.87 -1.11 0.00	29.38 -0.68 0.00	29.00 -0.78 0.00	34.36 -0.46 1.01	56.38 -0.26 11.88	109.34 0.48 18.72	52.90 -0.44 8.17	37.05 -0.51 2.05	33.00 -0.24 0.00	27.43 -0.33 0.00	26.64 -0.72 0.00	25.36 -0.94 0.00	23.88 -0.74 0.00	20.67 -0.67 0.00	21.97 -0.70 0.00	27.48 -1.01 0.00	34.29 -1.24 0.00	42.40 -1.95 0.00	35.90 -2.73 0.00	33.07 -2.89 0.00	32.25 -2.92 1.87	29.24 -3.06 3.07
CHERRYST_13_KV_LD 356241	31.59 1.22 0.00	33.35 1.21 0.00	33.30 1.32 0.00	31.43 1.37 0.00	31.20 1.42 0.00	37.23 1.80 0.40	67.17 3.40 4.75	126.59 6.50 7.48	61.68 3.44 3.27	41.17 2.39 0.82	35.30 2.07 0.00	29.53 1.77 0.00	29.05 1.70 0.00	27.99 1.70 0.00	26.28 1.66 0.00	22.83 1.49 0.00	24.28 1.61 0.00	30.38 1.90 0.00	37.63 2.11 0.00	47.28 2.93 0.00	40.97 2.34 0.00	38.03 2.07 0.00	39.03 1.99 0.00	37.12 1.76 0.00

CHESTROR_138KV_BK263 355645	31.09 0.71 0.00	32.86 0.72 0.00	32.73 0.76 0.00	30.88 0.83 0.00	30.62 0.84 0.00	36.52 1.10 0.41	65.84 2.10 4.79	124.03 4.00 7.54	60.23 2.02 3.29	40.11 1.33 0.82	34.31 1.08 0.00	28.66 0.89 0.00	28.20 0.85 0.00	27.17 0.87 0.00	25.50 0.88 0.00	22.16 0.82 0.00	23.58 0.91 0.00	29.59 1.11 0.00	36.79 1.27 0.00	46.21 1.86 0.00	40.10 1.47 0.00	37.28 1.32 0.00	38.32 1.28 0.00	36.45 1.09 0.00
CH_MIDHUDSON___DRP 24192	31.38 1.01 0.00	33.15 1.01 0.00	33.03 1.05 0.00	31.17 1.12 0.00	30.94 1.16 0.00	36.91 1.48 0.40	66.55 2.78 4.74	125.32 5.22 7.48	60.95 2.71 3.26	40.63 1.84 0.82	34.75 1.52 0.00	29.05 1.29 0.00	28.59 1.23 0.00	27.56 1.26 0.00	25.85 1.23 0.00	22.46 1.12 0.00	23.91 1.23 0.00	29.97 1.49 0.00	37.20 1.68 0.00	46.71 2.36 0.00	40.52 1.89 0.00	37.71 1.75 0.00	38.75 1.70 0.00	36.87 1.51 0.00
CH_MISC_IPPS 23765	31.51 1.13 0.00	33.28 1.14 0.00	33.16 1.18 0.00	31.29 1.24 0.00	31.06 1.28 0.00	37.06 1.63 0.41	66.89 3.13 4.75	126.02 5.93 7.49	61.25 3.01 3.27	40.77 1.99 0.82	34.86 1.63 0.00	29.12 1.36 0.00	28.65 1.29 0.00	27.61 1.32 0.00	25.90 1.28 0.00	22.51 1.17 0.00	23.98 1.31 0.00	30.09 1.61 0.00	37.40 1.87 0.00	46.96 2.61 0.00	40.74 2.11 0.00	37.89 1.93 0.00	38.91 1.87 0.00	37.00 1.64 0.00
CH_RES_BVR_FALLS 23983	29.82 -0.56 0.00	31.60 -0.55 0.00	31.61 -0.37 0.00	29.62 -0.43 0.00	29.36 -0.42 0.00	35.00 -0.53 0.30	64.16 -0.85 3.50	120.54 -1.52 5.51	58.26 -0.84 2.41	38.41 -0.59 0.60	32.83 -0.41 0.00	27.40 -0.36 0.00	27.00 -0.36 0.00	25.91 -0.38 0.00	24.18 -0.44 0.00	20.97 -0.37 0.00	22.29 -0.38 0.00	28.13 -0.36 0.00	35.12 -0.41 0.00	43.98 -0.37 0.00	38.33 -0.30 0.00	35.51 -0.46 0.00	36.63 -0.41 0.00	34.92 -0.44 0.00
CH_RES_NIAGARA 23895	28.60 -1.78 0.00	30.37 -1.78 0.00	29.86 -2.12 0.00	27.95 -2.11 0.00	27.80 -1.98 0.00	32.90 -0.35 1.06	52.17 -3.95 12.39	100.38 -7.67 19.53	49.27 -3.71 8.53	35.02 -2.44 2.14	31.42 -1.81 0.00	26.10 -1.66 0.00	25.43 -1.93 0.00	23.93 -2.36 0.00	22.33 -2.28 0.00	19.28 -2.07 0.00	20.36 -2.31 0.00	25.58 -2.90 0.00	32.09 -3.43 0.00	39.70 -4.65 0.00	34.29 -4.34 0.00	31.81 -4.16 0.00	29.54 -4.09 3.40	26.09 -3.71 5.55
CH_RES_SYRACUSE 23985	30.05 -0.32 0.00	31.78 -0.36 0.00	31.59 -0.39 0.00	29.72 -0.34 0.00	29.40 -0.38 0.00	34.81 -0.35 0.68	60.21 -0.37 7.94	114.40 -0.66 12.52	55.46 -0.58 5.47	37.64 -0.60 1.37	32.70 -0.53 0.00	27.33 -0.43 0.00	26.97 -0.39 0.00	25.87 -0.42 0.00	24.22 -0.40 0.00	20.99 -0.36 0.00	22.29 -0.38 0.00	28.05 -0.43 0.00	35.08 -0.45 0.00	43.86 -0.48 0.00	38.09 -0.54 0.00	35.52 -0.45 0.00	36.53 -0.51 0.00	34.83 -0.52 0.00
CLINTON_WT_PWR 323605	29.78 -0.60 0.00	32.17 0.02 0.00	31.74 -0.23 0.00	-19.50 -0.93 48.62	-19.50 -0.91 48.38	-11.93 -1.28 46.48	42.98 -1.95 23.59	122.11 -3.22 2.24	59.26 -1.27 0.98	38.42 -0.94 0.24	32.38 -0.86 0.00	26.97 -0.79 0.00	26.49 -0.87 0.00	25.41 -0.88 0.00	19.82 -0.85 3.95	0.73 -0.81 19.81	18.60 -0.84 3.23	27.64 -0.85 0.00	34.70 -0.82 0.00	43.86 -0.49 0.00	38.97 0.34 0.00	35.55 -0.41 0.00	36.46 -0.58 0.00	34.94 -0.42 0.00
CLINTON___LFGE 323618	29.84 -0.54 0.00	32.47 0.32 0.00	31.97 0.00 0.00	-20.67 -0.92 49.81	-20.68 -0.90 49.56	-13.22 -1.43 47.61	42.58 -1.77 24.16	122.83 -2.44 2.30	59.82 -0.68 1.01	38.67 -0.69 0.25	32.49 -0.74 0.00	26.99 -0.78 0.00	26.51 -0.85 0.00	25.32 -0.98 0.00	19.61 -0.96 4.05	0.18 -0.87 20.29	18.47 -0.89 3.31	27.63 -0.85 0.00	34.84 -0.68 0.00	44.29 -0.06 0.00	39.58 0.95 0.00	35.89 -0.07 0.00	36.59 -0.45 0.00	35.00 -0.36 0.00
COBBLENY_34_KV_TB1 80064	29.89 -0.48 0.00	31.83 -0.31 0.00	31.51 -0.47 0.00	29.79 -0.27 0.00	29.26 -0.52 0.00	34.43 -0.42 0.97	56.39 -0.71 11.42	108.49 -1.10 17.99	52.65 -1.00 7.86	37.01 -0.62 1.97	33.12 -0.12 0.00	27.56 -0.21 0.00	26.89 -0.47 0.00	25.62 -0.67 0.00	24.09 -0.53 0.00	20.80 -0.54 0.00	21.96 -0.71 0.00	27.50 -0.99 0.00	34.32 -1.21 0.00	42.86 -1.49 0.00	36.82 -1.81 0.00	34.12 -1.84 0.00	35.21 -1.83 0.00	33.36 -2.00 0.00
COFFEEN___115KV_TB3 355620	29.64 -0.73 0.00	31.35 -0.79 0.00	31.35 -0.63 0.00	31.83 -0.28 -2.05	31.47 -0.35 -2.04	37.13 -0.13 -1.43	64.41 0.84 4.94	119.78 1.48 9.28	56.88 -0.57 4.06	36.98 -1.62 1.01	31.18 -2.06 0.00	25.80 -1.96 0.00	25.40 -1.96 0.00	24.34 -1.95 0.00	22.71 -2.08 -0.17	20.41 -1.77 -0.84	21.08 -1.73 -0.13	27.00 -1.49 0.00	34.83 -0.70 0.00	44.94 0.60 0.00	39.14 0.51 0.00	36.26 0.29 0.00	37.23 0.19 0.00	35.64 0.28 0.00
COLDSPRG_115KV_BK1 355956	30.28 -0.09 0.00	32.26 0.12 0.00	31.74 -0.23 0.00	30.13 0.08 0.00	29.70 -0.08 0.00	35.15 0.31 0.99	58.03 1.09 11.58	112.32 2.99 18.24	54.43 0.89 7.97	38.07 0.46 2.00	33.92 0.69 0.00	28.18 0.41 0.00	27.41 0.05 0.00	26.09 -0.21 0.00	24.50 -0.12 0.00	21.19 -0.15 0.00	22.43 -0.24 0.00	28.07 -0.41 0.00	35.03 -0.49 0.00	43.46 -0.89 0.00	36.99 -1.64 0.00	34.07 -1.89 0.00	35.10 -1.94 0.00	33.19 -2.16 0.00
COLONIE_LFGE___ 323577	31.02 0.65 0.00	32.81 0.66 0.00	32.62 0.65 0.00	30.78 0.72 0.00	30.57 0.79 0.00	36.43 1.00 0.40	65.41 1.51 4.62	123.00 2.71 7.28	59.89 1.57 3.18	40.01 1.20 0.80	34.21 0.97 0.00	28.58 0.82 0.00	28.17 0.81 0.00	27.12 0.83 0.00	25.34 0.72 0.00	21.97 0.63 0.00	23.34 0.67 0.00	29.30 0.81 0.00	36.43 0.90 0.00	45.55 1.20 0.00	39.61 0.98 0.00	37.13 1.16 0.00	38.20 1.16 0.00	36.40 1.04 0.00
COOPERNY_115KV_TB1 80082	30.85 0.47 0.00	32.61 0.47 0.00	32.47 0.50 0.00	30.62 0.57 0.00	30.36 0.58 0.00	36.19 0.77 0.41	65.12 1.46 4.86	122.70 2.78 7.66	59.55 1.38 3.34	39.69 0.92 0.84	33.99 0.75 0.00	28.38 0.61 0.00	27.94 0.58 0.00	26.90 0.61 0.00	25.24 0.62 0.00	21.92 0.57 0.00	23.31 0.64 0.00	29.28 0.79 0.00	36.43 0.91 0.00	45.68 1.33 0.00	39.65 1.02 0.00	36.88 0.91 0.00	37.93 0.88 0.00	36.09 0.74 0.00
COPENHAGEN_WT_PWR 323753	29.03 -1.35 0.00	30.71 -1.43 0.00	30.75 -1.23 0.00	31.26 -0.75 -1.95	30.85 -0.86 -1.94	36.37 -0.79 -1.33	62.95 -0.51 5.06	117.03 -1.15 9.39	55.70 -1.70 4.11	36.49 -2.09 1.03	30.90 -2.34 0.00	25.58 -2.18 0.00	25.21 -2.15 0.00	24.12 -2.17 0.00	22.46 -2.32 -0.16	20.18 -1.96 -0.79	20.88 -1.91 -0.12	26.79 -1.70 0.00	34.34 -1.18 0.00	44.22 -0.12 0.00	38.47 -0.16 0.00	35.63 -0.33 0.00	36.62 -0.42 0.00	35.14 -0.22 0.00
CORNELL_____ 23752	30.40 0.03 0.00	32.12 -0.02 0.00	31.91 -0.07 0.00	30.09 0.04 0.00	29.78 0.00 0.00	35.30 0.21 0.75	60.59 0.83 8.76	115.62 1.85 13.81	56.00 0.53 6.03	37.93 -0.16 1.51	32.83 -0.40 0.00	27.36 -0.40 0.00	26.95 -0.42 0.00	25.84 -0.45 0.00	24.22 -0.40 0.00	20.98 -0.36 0.00	22.33 -0.34 0.00	28.29 -0.20 0.00	35.70 0.18 0.00	44.94 0.59 0.00	39.03 0.39 0.00	36.31 0.34 0.00	38.88 0.25 -1.58	38.06 0.12 -2.59

CORONA V_69_KV_TB1 355595	93.73 1.36 -62.00	33.46 1.32 0.00	33.38 1.40 0.00	31.47 1.42 0.00	31.27 1.49 0.00	37.21 1.84 0.46	66.52 3.32 5.33	126.02 5.93 7.48	61.52 3.28 3.27	41.15 2.37 0.82	36.70 2.14 -1.33	29.51 1.75 0.00	29.05 1.69 0.00	27.94 1.65 0.00	26.24 1.61 0.00	22.80 1.45 0.00	24.27 1.60 0.00	30.37 1.88 0.00	37.50 2.04 0.06	47.33 2.98 0.00	41.03 2.40 0.00	38.22 2.26 0.00	39.27 2.23 0.00	37.33 1.98 0.00
CORTLAND_115KV_TB3 80093	30.28 -0.09 0.00	32.01 -0.13 0.00	31.81 -0.16 0.00	29.99 -0.07 0.00	29.67 -0.11 0.00	35.12 0.02 0.73	60.33 0.37 8.56	114.97 0.88 13.49	55.77 0.15 5.89	37.96 -0.16 1.48	32.93 -0.30 0.00	27.47 -0.29 0.00	27.05 -0.31 0.00	25.97 -0.33 0.00	24.35 -0.27 0.00	21.10 -0.24 0.00	22.44 -0.23 0.00	28.31 -0.17 0.00	35.53 0.00 0.00	44.60 0.26 0.00	38.67 0.04 0.00	36.01 0.05 0.00	37.01 -0.03 0.00	35.23 -0.12 0.00
COXSACKIE__GT 23611	31.85 1.48 0.00	33.65 1.50 0.00	33.45 1.48 0.00	31.56 1.51 0.00	31.38 1.60 0.00	37.51 2.08 0.40	67.96 4.06 4.62	128.14 7.85 7.29	62.31 3.98 3.18	41.08 2.28 0.80	34.87 1.64 0.00	28.96 1.20 0.00	28.40 1.04 0.00	27.25 0.96 0.00	25.48 0.86 0.00	22.14 0.80 0.00	23.60 0.93 0.00	29.85 1.36 0.00	37.62 2.10 0.00	47.39 3.04 0.00	41.19 2.56 0.00	38.39 2.43 0.00	39.41 2.37 0.00	37.50 2.14 0.00
CPV_VALLEY__CC1 323721	30.89 0.51 0.00	32.65 0.50 0.00	32.52 0.54 0.00	30.67 0.61 0.00	30.42 0.64 0.00	36.26 0.84 0.41	65.26 1.56 4.81	122.96 2.97 7.58	59.72 1.53 3.31	39.81 1.04 0.83	34.11 0.87 0.00	28.49 0.73 0.00	28.04 0.68 0.00	27.01 0.72 0.00	25.36 0.73 0.00	22.05 0.70 0.00	23.44 0.78 0.00	29.40 0.92 0.00	36.54 1.01 0.00	45.84 1.49 0.00	39.78 1.15 0.00	37.00 1.04 0.00	38.02 0.98 0.00	36.17 0.81 0.00
CPV_VALLEY__CC2 323722	30.89 0.51 0.00	32.65 0.50 0.00	32.52 0.54 0.00	30.67 0.61 0.00	30.42 0.64 0.00	36.26 0.84 0.41	65.26 1.56 4.81	122.96 2.97 7.58	59.72 1.53 3.31	39.81 1.04 0.83	34.11 0.87 0.00	28.49 0.73 0.00	28.04 0.68 0.00	27.01 0.72 0.00	25.36 0.73 0.00	22.05 0.70 0.00	23.44 0.78 0.00	29.40 0.92 0.00	36.54 1.01 0.00	45.84 1.49 0.00	39.78 1.15 0.00	37.00 1.04 0.00	38.02 0.98 0.00	36.17 0.81 0.00
CRESCENT__HYD 24018	31.02 0.65 0.00	32.81 0.66 0.00	32.62 0.65 0.00	30.78 0.72 0.00	30.57 0.79 0.00	36.43 1.00 0.40	65.41 1.51 4.62	123.00 2.71 7.28	59.89 1.57 3.18	40.01 1.20 0.80	34.21 0.97 0.00	28.58 0.82 0.00	28.17 0.81 0.00	27.12 0.83 0.00	25.34 0.72 0.00	21.97 0.63 0.00	23.34 0.67 0.00	29.30 0.81 0.00	36.43 0.90 0.00	45.55 1.20 0.00	39.61 0.98 0.00	37.13 1.16 0.00	38.20 1.16 0.00	36.40 1.04 0.00
CRICKET__VALLEY_CC1 323756	31.13 0.75 0.00	32.90 0.76 0.00	32.80 0.83 0.00	30.97 0.91 0.00	30.75 0.98 0.00	36.64 1.22 0.40	65.84 2.05 4.72	123.92 3.79 7.44	60.36 2.10 3.25	40.30 1.51 0.82	34.51 1.28 0.00	28.89 1.13 0.00	28.46 1.10 0.00	27.48 1.18 0.00	25.76 1.14 0.00	22.38 1.03 0.00	23.78 1.11 0.00	29.73 1.24 0.00	36.82 1.29 0.00	46.20 1.85 0.00	40.10 1.47 0.00	37.37 1.41 0.00	38.41 1.37 0.00	36.60 1.24 0.00
CRICKET__VALLEY_CC2 323757	31.13 0.75 0.00	32.90 0.76 0.00	32.80 0.83 0.00	30.97 0.91 0.00	30.75 0.98 0.00	36.64 1.22 0.40	65.84 2.05 4.72	123.92 3.79 7.44	60.36 2.10 3.25	40.30 1.51 0.82	34.51 1.28 0.00	28.89 1.13 0.00	28.46 1.10 0.00	27.48 1.18 0.00	25.76 1.14 0.00	22.38 1.03 0.00	23.78 1.11 0.00	29.73 1.24 0.00	36.82 1.29 0.00	46.20 1.85 0.00	40.10 1.47 0.00	37.37 1.41 0.00	38.41 1.37 0.00	36.60 1.24 0.00
CRICKET__VALLEY_CC3 323758	31.13 0.75 0.00	32.90 0.76 0.00	32.80 0.83 0.00	30.97 0.91 0.00	30.75 0.98 0.00	36.64 1.22 0.40	65.84 2.05 4.72	123.92 3.79 7.44	60.36 2.10 3.25	40.30 1.51 0.82	34.51 1.28 0.00	28.89 1.13 0.00	28.46 1.10 0.00	27.48 1.18 0.00	25.76 1.14 0.00	22.38 1.03 0.00	23.78 1.11 0.00	29.73 1.24 0.00	36.82 1.29 0.00	46.20 1.85 0.00	40.10 1.47 0.00	37.37 1.41 0.00	38.41 1.37 0.00	36.60 1.24 0.00
CRUCIBLE_METL_DRP 24180	30.05 -0.32 0.00	31.78 -0.36 0.00	31.59 -0.39 0.00	29.72 -0.34 0.00	29.40 -0.38 0.00	34.81 -0.35 0.68	60.19 -0.38 7.94	114.39 -0.67 12.52	55.46 -0.58 5.47	37.63 -0.60 1.37	32.71 -0.53 0.00	27.33 -0.43 0.00	26.97 -0.39 0.00	25.87 -0.42 0.00	24.22 -0.40 0.00	20.99 -0.36 0.00	22.29 -0.38 0.00	28.05 -0.43 0.00	35.08 -0.45 0.00	43.86 -0.49 0.00	38.09 -0.54 0.00	35.52 -0.45 0.00	36.52 -0.52 0.00	34.83 -0.53 0.00
DAHOWA__HYDRO 323763	31.29 0.91 0.00	33.11 0.96 0.00	32.90 0.92 0.00	31.03 0.97 0.00	30.85 1.07 0.00	36.87 1.43 0.40	66.36 2.48 4.64	124.70 4.43 7.31	60.68 2.37 3.19	40.38 1.57 0.80	34.37 1.14 0.00	28.63 0.87 0.00	28.09 0.73 0.00	27.03 0.73 0.00	25.22 0.60 0.00	21.84 0.50 0.00	23.28 0.61 0.00	29.37 0.88 0.00	36.68 1.16 0.00	45.95 1.61 0.00	40.00 1.36 0.00	37.68 1.72 0.00	38.79 1.75 0.00	36.89 1.54 0.00
DANC__LFGE 323619	29.23 -1.15 0.00	30.91 -1.23 0.00	30.87 -1.11 0.00	30.67 -0.78 -1.40	30.30 -0.87 -1.39	35.76 -0.84 -0.77	61.90 -0.88 5.74	115.78 -1.74 10.05	55.47 -1.64 4.40	36.70 -1.80 1.10	31.32 -1.92 0.00	26.02 -1.74 0.00	25.65 -1.71 0.00	24.57 -1.73 0.00	22.93 -1.81 -0.11	20.38 -1.53 -0.57	21.23 -1.53 -0.09	27.05 -1.44 0.00	34.38 -1.15 0.00	43.85 -0.49 0.00	38.11 -0.52 0.00	35.37 -0.60 0.00	36.34 -0.70 0.00	34.80 -0.56 0.00
DANSKAMMER__1 23586	31.51 1.13 0.00	33.28 1.14 0.00	33.16 1.18 0.00	31.29 1.24 0.00	31.06 1.28 0.00	37.06 1.63 0.41	66.89 3.13 4.75	126.02 5.93 7.49	61.25 3.01 3.27	40.77 1.99 0.82	34.86 1.63 0.00	29.12 1.36 0.00	28.65 1.29 0.00	27.61 1.32 0.00	25.90 1.28 0.00	22.51 1.17 0.00	23.98 1.31 0.00	30.09 1.61 0.00	37.40 1.87 0.00	46.96 2.61 0.00	40.74 2.11 0.00	37.89 1.93 0.00	38.91 1.87 0.00	37.00 1.64 0.00
DANSKAMMER__2 23589	31.51 1.13 0.00	33.28 1.14 0.00	33.16 1.18 0.00	31.29 1.24 0.00	31.06 1.28 0.00	37.06 1.63 0.41	66.89 3.13 4.75	126.02 5.93 7.49	61.25 3.01 3.27	40.77 1.99 0.82	34.86 1.63 0.00	29.12 1.36 0.00	28.65 1.29 0.00	27.61 1.32 0.00	25.90 1.28 0.00	22.51 1.17 0.00	23.98 1.31 0.00	30.09 1.61 0.00	37.40 1.87 0.00	46.96 2.61 0.00	40.74 2.11 0.00	37.89 1.93 0.00	38.91 1.87 0.00	37.00 1.64 0.00
DANSKAMMER__3 23590	31.51 1.13 0.00	33.28 1.14 0.00	33.16 1.18 0.00	31.29 1.24 0.00	31.06 1.28 0.00	37.06 1.63 0.41	66.89 3.13 4.75	126.02 5.93 7.49	61.25 3.01 3.27	40.77 1.99 0.82	34.86 1.63 0.00	29.12 1.36 0.00	28.65 1.29 0.00	27.61 1.32 0.00	25.90 1.28 0.00	22.51 1.17 0.00	23.98 1.31 0.00	30.09 1.61 0.00	37.40 1.87 0.00	46.96 2.61 0.00	40.74 2.11 0.00	37.89 1.93 0.00	38.91 1.87 0.00	37.00 1.64 0.00

DANSKAMMER___4 23591	31.51 1.13 0.00	33.28 1.14 0.00	33.16 1.18 0.00	31.29 1.24 0.00	31.06 1.28 0.00	37.06 1.63 0.41	66.89 3.13 4.75	126.02 5.93 7.49	61.25 3.01 3.27	40.77 1.99 0.82	34.86 1.63 0.00	29.12 1.36 0.00	28.65 1.29 0.00	27.61 1.32 0.00	25.90 1.28 0.00	22.51 1.17 0.00	23.98 1.31 0.00	30.09 1.61 0.00	37.40 1.87 0.00	46.96 2.61 0.00	40.74 2.11 0.00	37.89 1.93 0.00	38.91 1.87 0.00	37.00 1.64 0.00
DANSKAMMER___DIESEL 23592	31.51 1.13 0.00	33.28 1.14 0.00	33.16 1.18 0.00	31.29 1.23 0.00	31.06 1.28 0.00	37.06 1.63 0.41	66.89 3.12 4.75	126.04 5.96 7.49	61.25 3.02 3.27	40.78 2.00 0.82	34.86 1.63 0.00	29.12 1.36 0.00	28.65 1.29 0.00	27.61 1.32 0.00	25.90 1.28 0.00	22.51 1.17 0.00	23.98 1.31 0.00	30.09 1.61 0.00	37.40 1.88 0.00	46.96 2.61 0.00	40.75 2.12 0.00	37.89 1.93 0.00	38.92 1.88 0.00	37.01 1.66 0.00
DARBY___SOLAR 323810	31.31 0.93 0.00	33.12 0.98 0.00	32.92 0.95 0.00	31.05 1.00 0.00	30.86 1.08 0.00	36.87 1.44 0.40	66.36 2.48 4.63	124.70 4.43 7.30	60.64 2.32 3.19	40.33 1.53 0.80	34.34 1.11 0.00	28.64 0.87 0.00	28.09 0.73 0.00	27.05 0.76 0.00	25.24 0.62 0.00	21.86 0.52 0.00	23.29 0.62 0.00	29.38 0.90 0.00	36.68 1.16 0.00	45.95 1.60 0.00	39.98 1.35 0.00	37.62 1.65 0.00	38.74 1.70 0.00	36.86 1.50 0.00
DASHVILLE___HYD 23610	31.38 1.01 0.00	33.15 1.01 0.00	33.02 1.05 0.00	31.15 1.10 0.00	30.91 1.13 0.00	36.88 1.45 0.40	66.55 2.77 4.73	125.38 5.26 7.46	60.94 2.69 3.26	40.60 1.81 0.82	34.70 1.47 0.00	29.00 1.24 0.00	28.54 1.18 0.00	27.50 1.20 0.00	25.80 1.18 0.00	22.42 1.08 0.00	23.86 1.19 0.00	29.92 1.44 0.00	37.19 1.66 0.00	46.72 2.37 0.00	40.53 1.90 0.00	37.69 1.73 0.00	38.72 1.68 0.00	36.84 1.48 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.20 0.22 -3.61	32.28 0.13 0.00	32.86 0.88 0.00	30.84 0.79 0.00	30.70 0.92 0.00	35.83 0.77 0.77	60.89 1.06 8.68	122.49 2.40 7.48	59.31 1.07 3.27	39.84 1.06 0.82	34.26 0.93 -0.09	28.42 0.65 0.00	28.11 0.76 0.00	27.01 0.71 0.00	25.52 0.90 0.00	22.13 0.79 0.00	23.55 0.88 0.00	29.52 1.03 0.00	35.89 0.81 0.44	46.05 1.70 0.00	39.94 1.31 0.00	37.36 1.39 0.00	38.58 1.54 0.00	36.54 1.19 0.00
DELAWARE___LFGE 323621	30.83 0.46 0.00	32.61 0.46 0.00	32.43 0.45 0.00	30.58 0.52 0.00	30.28 0.50 0.00	35.95 0.73 0.61	62.83 1.53 7.22	119.08 2.88 11.37	57.86 1.32 4.97	39.23 0.87 1.25	33.91 0.67 0.00	28.28 0.52 0.00	27.84 0.47 0.00	26.75 0.46 0.00	25.09 0.47 0.00	21.78 0.43 0.00	23.17 0.50 0.00	29.21 0.72 0.00	36.50 0.98 0.00	45.69 1.34 0.00	39.68 1.04 0.00	36.91 0.94 0.00	37.96 0.92 0.00	36.14 0.78 0.00
DERFIELD_115KV_TB7 355931	30.36 -0.01 0.00	32.09 -0.05 0.00	31.96 -0.02 0.00	30.09 0.03 0.00	29.83 0.05 0.00	35.44 0.09 0.48	63.02 0.15 5.64	118.98 0.31 8.90	57.78 0.17 3.89	38.76 0.13 0.98	33.32 0.09 0.00	27.82 0.06 0.00	27.42 0.06 0.00	26.35 0.06 0.00	24.67 0.05 0.00	21.41 0.07 0.00	22.76 0.09 0.00	28.62 0.13 0.00	35.69 0.17 0.00	44.65 0.30 0.00	38.80 0.17 0.00	36.08 0.11 0.00	37.13 0.09 0.00	35.40 0.05 0.00
DOGLEVILLE___HYD 23807	29.98 -0.39 0.00	31.62 -0.53 0.00	31.43 -0.55 0.00	29.71 -0.35 0.00	29.54 -0.24 0.00	35.16 -0.19 0.48	62.42 -0.45 5.64	118.05 -0.62 8.90	57.25 -0.37 3.89	38.51 -0.12 0.98	32.93 -0.31 0.00	27.24 -0.52 0.00	26.60 -0.76 0.00	25.44 -0.85 0.00	23.83 -0.79 0.00	20.71 -0.63 0.00	22.11 -0.56 0.00	28.11 -0.38 0.00	35.45 -0.07 0.00	44.78 0.43 0.00	38.89 0.26 0.00	36.49 0.52 0.00	37.48 0.44 0.00	35.58 0.22 0.00
DUNKIRK___115KV_TB_200 55889	29.53 -0.84 0.00	31.45 -0.69 0.00	30.87 -1.11 0.00	29.36 -0.70 0.00	28.99 -0.79 0.00	34.34 -0.48 1.01	56.25 -0.38 11.89	109.04 0.21 18.74	52.79 -0.54 8.18	36.96 -0.59 2.05	32.96 -0.28 0.00	27.40 -0.36 0.00	26.61 -0.75 0.00	25.33 -0.96 0.00	23.85 -0.77 0.00	20.65 -0.70 0.00	21.94 -0.73 0.00	27.45 -1.03 0.00	34.26 -1.27 0.00	42.40 -1.95 0.00	35.95 -2.68 0.00	33.14 -2.83 0.00	32.24 -2.87 1.93	29.18 -3.01 3.16
DUNKIRK___1 23563	29.53 -0.84 0.00	31.45 -0.69 0.00	30.87 -1.11 0.00	29.36 -0.70 0.00	28.99 -0.79 0.00	34.34 -0.48 1.01	56.25 -0.38 11.89	109.04 0.21 18.74	52.79 -0.54 8.18	36.96 -0.59 2.05	32.96 -0.28 0.00	27.40 -0.36 0.00	26.61 -0.75 0.00	25.33 -0.96 0.00	23.85 -0.77 0.00	20.65 -0.70 0.00	21.94 -0.73 0.00	27.45 -1.03 0.00	34.26 -1.27 0.00	42.40 -1.95 0.00	35.95 -2.68 0.00	33.14 -2.83 0.00	32.24 -2.87 1.93	29.18 -3.01 3.16
DUNKIRK___2 23564	29.53 -0.84 0.00	31.45 -0.69 0.00	30.87 -1.11 0.00	29.36 -0.70 0.00	28.99 -0.79 0.00	34.34 -0.48 1.01	56.25 -0.38 11.89	109.04 0.21 18.74	52.79 -0.54 8.18	36.96 -0.59 2.05	32.96 -0.28 0.00	27.40 -0.36 0.00	26.61 -0.75 0.00	25.33 -0.96 0.00	23.85 -0.77 0.00	20.65 -0.70 0.00	21.94 -0.73 0.00	27.45 -1.03 0.00	34.26 -1.27 0.00	42.40 -1.95 0.00	35.95 -2.68 0.00	33.14 -2.83 0.00	32.24 -2.87 1.93	29.18 -3.01 3.16
DUNKIRK___3 23565	29.47 -0.90 0.00	31.37 -0.77 0.00	30.82 -1.16 0.00	29.25 -0.80 0.00	28.89 -0.89 0.00	34.19 -0.62 1.02	55.83 -0.79 11.90	108.03 -0.79 18.75	52.39 -0.92 8.19	36.76 -0.80 2.05	32.79 -0.44 0.00	27.27 -0.49 0.00	26.51 -0.84 0.00	25.20 -1.09 0.00	23.72 -0.90 0.00	20.52 -0.82 0.00	21.78 -0.89 0.00	27.28 -1.21 0.00	34.07 -1.46 0.00	42.22 -2.13 0.00	35.93 -2.70 0.00	33.18 -2.79 0.00	32.11 -2.82 2.11	28.99 -2.91 3.46
DUNKIRK___4 23566	29.47 -0.90 0.00	31.37 -0.77 0.00	30.82 -1.16 0.00	29.25 -0.80 0.00	28.89 -0.89 0.00	34.19 -0.62 1.02	55.83 -0.79 11.90	108.03 -0.79 18.75	52.39 -0.92 8.19	36.76 -0.80 2.05	32.79 -0.44 0.00	27.27 -0.49 0.00	26.51 -0.84 0.00	25.20 -1.09 0.00	23.72 -0.90 0.00	20.52 -0.82 0.00	21.78 -0.89 0.00	27.28 -1.21 0.00	34.07 -1.46 0.00	42.22 -2.13 0.00	35.93 -2.70 0.00	33.18 -2.79 0.00	32.11 -2.82 2.11	28.99 -2.91 3.46
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.45 1.07 0.00	33.20 1.05 0.00	33.09 1.11 0.00	31.24 1.18 0.00	31.01 1.22 0.00	36.98 1.55 0.40	66.68 2.91 4.75	125.64 5.55 7.48	61.17 2.93 3.27	40.82 2.04 0.82	34.99 1.76 0.00	29.26 1.49 0.00	28.79 1.43 0.00	27.74 1.44 0.00	26.03 1.41 0.00	22.62 1.28 0.00	24.06 1.39 0.00	30.13 1.65 0.00	37.34 1.81 0.00	46.92 2.57 0.00	40.69 2.06 0.00	37.81 1.85 0.00	38.84 1.80 0.00	36.93 1.57 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.28 0.91 0.00	33.05 0.91 0.00	32.93 0.96 0.00	31.06 1.01 0.00	30.82 1.04 0.00	36.77 1.35 0.41	66.33 2.58 4.77	124.98 4.92 7.51	60.72 2.50 3.28	40.42 1.64 0.82	34.56 1.33 0.00	28.85 1.09 0.00	28.40 1.04 0.00	27.36 1.06 0.00	25.68 1.05 0.00	22.31 0.97 0.00	23.76 1.09 0.00	29.82 1.33 0.00	37.07 1.55 0.00	46.57 2.23 0.00	40.41 1.78 0.00	37.57 1.60 0.00	38.60 1.56 0.00	36.71 1.36 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.47 1.09 -0.01	33.24 1.09 -0.01	33.20 1.21 -0.01	31.35 1.29 -0.01	31.12 1.33 -0.01	37.09 1.66 0.40	66.77 3.00 4.75	126.08 5.98 7.48	61.43 3.19 3.27	40.98 2.19 0.81	35.13 1.89 -0.01	29.37 1.61 0.00	28.89 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.14 1.48 0.00	30.21 1.72 0.00	37.43 1.91 0.00	47.03 2.68 0.00	40.78 2.14 0.00	37.90 1.93 -0.01	38.91 1.87 0.00	37.01 1.65 -0.01
E179THST_13_KV_LOAD 356214	31.59 1.20 -0.01	33.35 1.20 -0.01	33.31 1.32 -0.01	31.44 1.38 -0.01	31.21 1.42 -0.01	37.21 1.78 0.40	67.05 3.28 4.75	126.67 6.57 7.48	61.72 3.48 3.27	41.16 2.37 0.81	35.30 2.05 -0.01	29.51 1.74 0.00	29.01 1.65 -0.01	27.94 1.65 0.00	26.25 1.62 -0.01	22.79 1.45 0.00	24.25 1.58 0.00	30.34 1.85 0.00	37.59 2.06 0.00	47.25 2.89 0.00	40.95 2.31 0.00	38.07 2.10 -0.01	39.08 2.04 0.00	37.16 1.80 -0.01
EAST HAMPTON___GT 23717	33.54 -0.44 -3.61	31.60 -0.55 0.00	32.83 0.85 0.00	30.66 0.61 0.00	30.53 0.75 0.00	35.28 0.22 0.77	59.72 -0.11 8.68	120.77 0.67 7.48	58.12 -0.12 3.27	39.00 0.21 0.82	33.54 0.21 -0.09	27.78 0.02 0.00	27.49 0.13 0.00	26.40 0.11 0.00	24.97 0.35 0.00	21.67 0.32 0.00	23.05 0.38 0.00	28.94 0.45 0.00	35.23 0.15 0.44	45.24 0.89 0.00	39.23 0.60 0.00	36.69 0.72 0.00	37.90 0.86 0.00	35.86 0.50 0.00
EAST RIVER___6 23660	31.55 1.18 0.00	33.30 1.16 0.00	33.24 1.26 0.00	31.39 1.34 0.00	31.16 1.38 0.00	37.17 1.74 0.40	67.01 3.24 4.75	126.34 6.24 7.48	61.53 3.29 3.27	41.08 2.30 0.82	35.23 2.00 0.00	29.47 1.70 0.00	28.98 1.62 0.00	27.93 1.63 0.00	26.22 1.60 0.00	22.78 1.43 0.00	24.23 1.56 0.00	30.31 1.83 0.00	37.54 2.02 0.00	47.17 2.83 0.00	40.88 2.25 0.00	37.96 2.00 0.00	38.95 1.92 0.00	37.03 1.68 0.00
EAST RIVER___7 23524	31.55 1.18 0.00	33.30 1.16 0.00	33.24 1.26 0.00	31.39 1.34 0.00	31.16 1.38 0.00	37.17 1.74 0.40	67.01 3.24 4.75	126.34 6.24 7.48	61.53 3.29 3.27	41.08 2.30 0.82	35.23 2.00 0.00	29.47 1.70 0.00	28.98 1.62 0.00	27.93 1.63 0.00	26.22 1.60 0.00	22.78 1.43 0.00	24.23 1.56 0.00	30.31 1.83 0.00	37.54 2.02 0.00	47.17 2.83 0.00	40.88 2.25 0.00	37.96 2.00 0.00	38.95 1.92 0.00	37.03 1.68 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.40 1.03 0.00	33.15 1.01 0.00	33.05 1.07 0.00	31.20 1.14 0.00	30.97 1.19 0.00	36.93 1.51 0.40	66.58 2.81 4.75	125.46 5.37 7.48	61.07 2.83 3.27	40.73 1.95 0.82	34.90 1.66 0.00	29.18 1.41 0.00	28.71 1.35 0.00	27.66 1.37 0.00	25.96 1.34 0.00	22.55 1.21 0.00	24.00 1.33 0.00	30.05 1.57 0.00	37.26 1.73 0.00	46.82 2.47 0.00	40.60 1.97 0.00	37.74 1.78 0.00	38.77 1.73 0.00	36.86 1.51 0.00
EAST_HAMPTON___DIESEL 23722	33.44 -0.54 -3.61	31.48 -0.66 0.00	32.79 0.82 0.00	30.62 0.57 0.00	30.49 0.71 0.00	35.18 0.11 0.77	59.50 -0.33 8.68	120.41 0.32 7.48	57.89 -0.35 3.27	38.87 0.08 0.82	33.42 0.09 -0.09	27.69 0.03 0.00	27.39 0.01 0.00	26.31 0.01 0.00	24.88 0.26 0.00	21.59 0.25 0.00	22.97 0.30 0.00	28.84 0.36 0.00	35.11 0.02 0.44	45.09 0.74 0.00	39.10 0.48 0.00	36.58 0.61 0.00	37.78 0.74 0.00	35.74 0.39 0.00
EAST_POINT___SOLAR 323840	31.98 1.60 0.00	33.80 1.65 0.00	33.64 1.66 0.00	31.63 1.58 0.00	31.32 1.54 0.00	37.50 2.10 0.42	68.08 4.57 5.00	128.73 9.03 7.87	61.90 3.83 3.44	40.57 1.83 0.86	33.63 0.40 0.00	27.42 -0.34 0.00	27.05 -0.31 0.00	26.12 -0.17 0.00	24.55 -0.07 0.00	21.19 -0.15 0.00	22.57 -0.10 0.00	28.92 0.43 0.00	37.57 2.04 0.00	47.52 3.17 0.00	41.32 2.69 0.00	38.28 2.32 0.00	39.38 2.34 0.00	37.53 2.18 0.00
EAST_PULASKI___ESR 323781	29.52 -0.86 0.00	31.21 -0.93 0.00	31.08 -0.90 0.00	29.32 -0.73 0.00	29.00 -0.78 0.00	34.57 -0.81 0.45	62.09 -1.11 5.32	117.07 -2.11 8.39	56.42 -1.42 3.67	37.30 -1.38 0.92	31.88 -1.36 0.00	26.57 -1.19 0.00	26.20 -1.15 0.00	25.13 -1.17 0.00	23.44 -1.18 0.00	20.33 -1.01 0.00	21.63 -1.04 0.00	27.40 -1.09 0.00	34.52 -1.00 0.00	43.58 -0.77 0.00	37.85 -0.78 0.00	35.20 -0.77 0.00	36.16 -0.88 0.00	34.56 -0.79 0.00
EAST_RIVER___1 323558	31.52 1.15 0.00	33.26 1.12 0.00	33.21 1.23 0.00	31.36 1.30 0.00	31.12 1.34 0.00	37.12 1.70 0.40	66.94 3.17 4.75	126.21 6.12 7.48	61.48 3.23 3.27	41.03 2.24 0.82	35.18 1.95 0.00	29.42 1.66 0.00	28.95 1.58 0.00	27.89 1.60 0.00	26.19 1.57 0.00	22.75 1.40 0.00	24.19 1.52 0.00	30.27 1.78 0.00	37.49 1.97 0.00	47.11 2.76 0.00	40.84 2.21 0.00	37.92 1.96 0.00	38.91 1.87 0.00	36.99 1.63 0.00
EAST_RIVER___2 323559	31.55 1.18 0.00	33.30 1.16 0.00	33.24 1.26 0.00	31.39 1.34 0.00	31.16 1.38 0.00	37.17 1.74 0.40	67.01 3.24 4.75	126.34 6.24 7.48	61.53 3.29 3.27	41.08 2.30 0.82	35.23 2.00 0.00	29.47 1.70 0.00	28.98 1.62 0.00	27.93 1.63 0.00	26.22 1.60 0.00	22.78 1.43 0.00	24.23 1.56 0.00	30.31 1.83 0.00	37.54 2.02 0.00	47.17 2.83 0.00	40.88 2.25 0.00	37.96 2.00 0.00	38.95 1.92 0.00	37.03 1.68 0.00
EAST___DELAWARE_HYD 23607	31.66 1.28 0.00	33.47 1.33 0.00	33.36 1.39 0.00	31.50 1.44 0.00	31.26 1.48 0.00	37.36 1.94 0.41	67.57 3.84 4.79	127.19 7.16 7.54	61.56 3.35 3.30	40.86 2.08 0.83	34.81 1.58 0.00	29.02 1.26 0.00	28.55 1.19 0.00	27.37 1.08 0.00	25.57 0.95 0.00	22.20 0.86 0.00	23.67 1.00 0.00	29.85 1.36 0.00	37.25 1.72 0.00	46.84 2.49 0.00	40.64 2.01 0.00	37.76 1.79 0.00	38.79 1.75 0.00	36.88 1.53 0.00
EIGHT_POINT___WT_PWR 323820	27.42 -2.95 0.00	29.37 -2.78 0.00	29.19 -2.79 0.00	27.62 -2.44 0.00	27.35 -2.43 0.00	32.05 -2.88 0.91	52.66 -5.21 10.64	101.98 -8.82 16.78	49.25 -4.94 7.33	34.03 -3.74 1.84	30.31 -2.93 0.00	25.45 -2.32 0.00	25.12 -2.24 0.00	23.99 -2.31 0.00	22.74 -1.89 0.00	19.63 -1.72 0.00	20.74 -1.93 0.00	26.53 -1.95 0.00	33.84 -1.68 0.00	42.99 -1.36 0.00	36.58 -2.05 0.00	33.32 -2.64 0.00	48.99 -2.98 -14.92	56.44 -3.32 -24.41
ELBRIDGE_115KV_TB2 80188	29.90 -0.47 0.00	31.63 -0.52 0.00	31.43 -0.55 0.00	29.60 -0.46 0.00	29.25 -0.53 0.00	34.68 -0.50 0.65	60.16 -0.70 7.66	114.27 -1.23 12.07	55.34 -0.89 5.27	37.48 -0.80 1.32	32.55 -0.68 0.00	27.19 -0.57 0.00	26.84 -0.52 0.00	25.74 -0.55 0.00	24.09 -0.53 0.00	20.87 -0.48 0.00	22.15 -0.52 0.00	27.87 -0.61 0.00	34.87 -0.66 0.00	43.61 -0.74 0.00	37.88 -0.75 0.00	35.33 -0.64 0.00	36.34 -0.70 0.00	34.66 -0.70 0.00
ELEC_TRO_TEK 24086	59.93 1.16 -28.39	33.27 1.13 0.00	33.20 1.22 0.00	31.31 1.26 0.00	31.11 1.33 0.00	36.95 1.62 0.50	65.65 2.92 5.79	125.31 5.21 7.48	61.16 2.92 3.27	40.92 2.13 0.82	35.80 1.93 -0.64	29.35 1.59 0.00	28.90 1.54 0.00	27.81 1.52 0.00	26.11 1.49 0.00	22.69 1.35 0.00	24.16 1.48 0.00	30.21 1.72 0.00	37.25 1.84 0.12	47.07 2.73 0.00	40.81 2.18 0.00	38.03 2.07 0.00	39.08 2.04 0.00	37.15 1.79 0.00

ELLENBURG_WT_PWR 323604	29.78 -0.60 0.00	32.17 0.02 0.00	31.74 -0.23 0.00	-19.50 -0.93 48.62	-19.50 -0.91 48.38	-11.93 -1.28 46.48	42.98 -1.95 23.59	122.11 -3.22 2.24	59.26 -1.27 0.98	38.42 -0.94 0.24	32.38 -0.86 0.00	26.97 -0.79 0.00	26.49 -0.87 0.00	25.41 -0.88 0.00	19.82 -0.85 3.95	0.73 -0.81 19.81	18.60 -0.84 3.23	27.64 -0.85 0.00	34.70 -0.82 0.00	43.86 -0.49 0.00	38.97 0.34 0.00	35.55 -0.41 0.00	36.46 -0.58 0.00	34.94 -0.42 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.30 -1.07 0.00	31.14 -1.01 0.00	30.62 -1.36 0.00	28.75 -1.30 0.00	28.54 -1.24 0.00	33.81 -0.98 1.04	54.34 -1.95 12.23	104.70 -3.60 19.27	51.22 -1.88 8.41	36.17 -1.32 2.11	32.36 -0.88 0.00	26.88 -0.89 0.00	26.17 -1.18 0.00	24.68 -1.62 0.00	23.08 -1.54 0.00	19.93 -1.41 0.00	21.08 -1.59 0.00	26.49 -1.99 0.00	33.23 -2.30 0.00	41.18 -3.17 0.00	35.48 -3.14 0.00	32.87 -3.10 0.00	31.05 -3.05 2.94	27.72 -2.83 4.81
EMPIRE_CC_1 323656	30.77 0.40 0.00	32.53 0.39 0.00	32.37 0.40 0.00	30.54 0.49 0.00	30.36 0.58 0.00	36.06 0.62 0.39	64.46 0.54 4.59	121.09 0.75 7.24	59.05 0.70 3.16	39.58 0.77 0.79	33.95 0.71 0.00	28.44 0.67 0.00	28.06 0.71 0.00	27.01 0.72 0.00	25.26 0.64 0.00	21.93 0.58 0.00	23.27 0.60 0.00	29.13 0.64 0.00	36.09 0.57 0.00	45.02 0.67 0.00	39.17 0.54 0.00	36.70 0.74 0.00	37.75 0.71 0.00	36.10 0.75 0.00
EMPIRE_CC_2 323658	30.77 0.40 0.00	32.53 0.39 0.00	32.37 0.40 0.00	30.54 0.49 0.00	30.36 0.58 0.00	36.06 0.62 0.39	64.46 0.54 4.59	121.09 0.75 7.24	59.05 0.70 3.16	39.58 0.77 0.79	33.95 0.71 0.00	28.44 0.67 0.00	28.06 0.71 0.00	27.01 0.72 0.00	25.26 0.64 0.00	21.93 0.58 0.00	23.27 0.60 0.00	29.13 0.64 0.00	36.09 0.57 0.00	45.02 0.67 0.00	39.17 0.54 0.00	36.70 0.74 0.00	37.75 0.71 0.00	36.10 0.75 0.00
ENORWICH_115KV_TB1 80156	30.52 0.15 0.00	32.02 -0.12 0.00	31.63 -0.35 0.00	29.99 -0.07 0.00	29.77 -0.01 0.00	35.57 0.44 0.70	61.92 1.63 8.22	118.20 3.58 12.96	56.94 1.09 5.66	38.01 -0.18 1.42	32.50 -0.73 0.00	26.90 -0.86 0.00	26.50 -0.86 0.00	25.44 -0.85 0.00	23.84 -0.78 0.00	20.76 -0.58 0.00	22.34 -0.33 0.00	28.91 0.43 0.00	37.27 1.75 0.00	47.40 3.06 0.00	41.32 2.69 0.00	38.46 2.49 0.00	40.21 2.34 -0.82	38.53 1.83 -1.35
ERIE_ST__34_KV_TB1-2 80199	29.71 -0.67 0.00	31.57 -0.58 0.00	31.07 -0.91 0.00	29.20 -0.85 0.00	28.94 -0.84 0.00	34.25 -0.56 1.03	55.39 -1.10 12.03	106.75 -1.86 18.96	52.14 -1.08 8.28	36.73 -0.80 2.08	32.83 -0.40 0.00	27.28 -0.48 0.00	26.56 -0.80 0.00	25.08 -1.21 0.00	23.49 -1.13 0.00	20.29 -1.05 0.00	21.47 -1.20 0.00	26.99 -1.50 0.00	33.86 -1.66 0.00	42.04 -2.31 0.00	36.23 -2.40 0.00	33.59 -2.37 0.00	32.18 -2.39 2.47	29.02 -2.29 4.05
ERIE_WT_PWR 323693	29.51 -0.87 0.00	31.35 -0.79 0.00	30.82 -1.16 0.00	28.95 -1.10 0.00	28.72 -1.06 0.00	34.08 -0.72 1.03	54.97 -1.43 12.11	105.93 -2.56 19.09	51.81 -1.36 8.33	36.53 -0.98 2.09	32.58 -0.65 0.00	27.07 -0.69 0.00	26.35 -1.01 0.00	24.84 -1.45 0.00	23.26 -1.36 0.00	20.08 -1.27 0.00	21.25 -1.42 0.00	26.72 -1.77 0.00	33.52 -2.00 0.00	41.57 -2.79 0.00	35.82 -2.82 0.00	33.18 -2.79 0.00	31.62 -2.77 2.65	28.47 -2.55 4.34
ESPRGFLD_115KV_TB1 80157	31.40 1.03 0.00	33.18 1.03 0.00	33.02 1.04 0.00	31.05 1.00 0.00	30.67 0.89 0.00	36.64 1.30 0.49	65.84 3.04 5.72	124.70 6.14 9.01	60.18 2.61 3.94	39.97 1.36 0.99	34.04 0.80 0.00	28.24 0.48 0.00	27.78 0.42 0.00	26.71 0.41 0.00	25.03 0.41 0.00	21.68 0.34 0.00	23.09 0.42 0.00	29.29 0.80 0.00	37.09 1.57 0.00	46.56 2.21 0.00	40.50 1.87 0.00	37.46 1.50 0.00	38.53 1.49 0.00	36.72 1.37 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.37 -0.01 0.00	32.10 -0.05 0.00	31.88 -0.10 0.00	30.06 0.01 0.00	29.75 -0.03 0.00	35.26 0.17 0.74	60.59 0.74 8.67	115.56 1.64 13.66	55.97 0.43 5.96	37.93 -0.18 1.49	32.83 -0.41 0.00	27.36 -0.40 0.00	26.95 -0.42 0.00	25.84 -0.45 0.00	24.22 -0.40 0.00	20.98 -0.36 0.00	22.34 -0.33 0.00	28.28 -0.21 0.00	35.66 0.13 0.00	44.88 0.53 0.00	38.97 0.33 0.00	36.24 0.28 0.00	38.57 0.20 -1.32	37.60 0.07 -2.17
ETNA____115KV_TB2 80207	30.37 -0.01 0.00	32.10 -0.05 0.00	31.88 -0.10 0.00	30.06 0.01 0.00	29.75 -0.03 0.00	35.26 0.17 0.74	60.59 0.74 8.67	115.56 1.64 13.66	55.97 0.43 5.96	37.93 -0.18 1.49	32.83 -0.41 0.00	27.36 -0.40 0.00	26.95 -0.42 0.00	25.84 -0.45 0.00	24.22 -0.40 0.00	20.98 -0.36 0.00	22.34 -0.33 0.00	28.28 -0.21 0.00	35.66 0.13 0.00	44.88 0.53 0.00	38.97 0.33 0.00	36.24 0.28 0.00	38.57 0.20 -1.32	37.60 0.07 -2.17
EUCLID____115KV_TB2 356179	29.75 -0.63 0.00	31.46 -0.69 0.00	31.26 -0.72 0.00	29.39 -0.67 0.00	29.07 -0.70 0.00	34.16 -0.77 0.90	56.74 -1.26 10.52	108.69 -2.31 16.57	53.00 -1.27 7.24	36.82 -0.97 1.81	32.42 -0.81 0.00	27.09 -0.67 0.00	26.74 -0.62 0.00	25.64 -0.65 0.00	24.01 -0.62 0.00	20.80 -0.54 0.00	22.08 -0.59 0.00	27.76 -0.73 0.00	34.68 -0.85 0.00	43.34 -1.01 0.00	37.62 -1.01 0.00	35.12 -0.84 0.00	36.13 -0.91 0.00	34.50 -0.85 0.00
E_CANADA_CAP_HY 24051	31.66 1.28 0.00	33.45 1.31 0.00	33.30 1.32 0.00	31.28 1.22 0.00	30.89 1.12 0.00	36.94 1.55 0.44	66.78 3.44 5.17	126.33 6.92 8.16	60.89 2.94 3.56	40.16 1.45 0.89	33.93 0.69 0.00	27.99 0.23 0.00	27.55 0.19 0.00	26.49 0.20 0.00	24.81 0.19 0.00	21.48 0.13 0.00	22.86 0.18 0.00	29.06 0.57 0.00	37.09 1.57 0.00	46.67 2.32 0.00	40.63 2.00 0.00	37.59 1.63 0.00	38.71 1.67 0.00	36.96 1.60 0.00
E_CANADA_MHWK_HY 24050	29.98 -0.39 0.00	31.62 -0.53 0.00	31.43 -0.55 0.00	29.71 -0.35 0.00	29.54 -0.24 0.00	35.16 -0.19 0.48	62.42 -0.45 5.64	118.05 -0.62 8.90	57.25 -0.37 3.89	38.51 -0.12 0.98	32.93 -0.31 0.00	27.24 -0.52 0.00	26.60 -0.76 0.00	25.44 -0.85 0.00	23.83 -0.79 0.00	20.71 -0.63 0.00	22.11 -0.56 0.00	28.11 -0.38 0.00	35.45 -0.07 0.00	44.78 0.43 0.00	38.89 0.26 0.00	36.49 0.52 0.00	37.48 0.44 0.00	35.58 0.22 0.00
E_FISHKILL____LBMP 23776	31.23 0.86 0.00	33.00 0.86 0.00	32.89 0.91 0.00	31.04 0.99 0.00	30.81 1.03 0.00	36.73 1.30 0.40	66.15 2.38 4.74	124.58 4.48 7.47	60.63 2.38 3.26	40.45 1.66 0.82	34.65 1.41 0.00	28.97 1.20 0.00	28.52 1.16 0.00	27.48 1.19 0.00	25.78 1.16 0.00	22.40 1.05 0.00	23.82 1.15 0.00	29.83 1.35 0.00	37.00 1.47 0.00	46.45 2.10 0.00	40.30 1.67 0.00	37.50 1.53 0.00	38.54 1.50 0.00	36.67 1.31 0.00
FALCON____SEABRD_CC1 323796	29.60 -0.78 0.00	32.28 0.13 0.00	31.80 -0.18 0.00	-20.48 -1.17 49.37	-20.51 -1.17 49.12	-13.18 -1.81 47.19	42.11 -2.45 23.95	121.61 -3.69 2.28	59.23 -1.28 1.00	38.33 -1.03 0.25	32.24 -1.00 0.00	26.74 -1.03 0.00	26.29 -1.07 0.00	25.11 -1.19 0.00	19.43 -1.17 4.01	0.20 -1.03 20.11	18.32 -1.07 3.28	27.43 -1.06 0.00	34.55 -0.97 0.00	43.95 -0.40 0.00	39.37 0.74 0.00	35.64 -0.33 0.00	36.25 -0.79 0.00	34.67 -0.68 0.00

FALCON___SEABRD_CC2 323797	29.60 -0.78 0.00	32.28 0.13 0.00	31.80 -0.18 0.00	-20.48 -1.17 49.37	-20.51 -1.17 49.12	-13.18 -1.81 47.19	42.11 -2.45 23.95	121.61 -3.69 2.28	59.23 -1.28 1.00	38.33 -1.03 0.25	32.24 -1.00 0.00	26.74 -1.03 0.00	26.29 -1.07 0.00	25.11 -1.19 0.00	19.43 -1.17 4.01	0.20 -1.03 20.11	18.32 -1.07 3.28	27.43 -1.06 0.00	34.55 -0.97 0.00	43.95 -0.40 0.00	39.37 0.74 0.00	35.64 -0.33 0.00	36.25 -0.79 0.00	34.67 -0.68 0.00
FAR ROCKAWAY___4 23548	97.71 1.56 -65.77	33.66 1.52 0.00	33.58 1.60 0.00	31.66 1.61 0.00	31.47 1.69 0.00	37.46 2.09 0.45	67.08 3.86 5.29	127.06 6.96 7.48	61.97 3.73 3.27	41.43 2.64 0.82	37.01 2.37 -1.40	29.71 1.94 0.00	29.23 1.87 0.00	28.13 1.83 0.00	26.42 1.80 0.00	22.95 1.61 0.00	24.45 1.77 0.00	30.59 2.10 0.00	37.80 2.34 0.06	47.68 3.34 0.00	41.34 2.71 0.00	38.51 2.55 0.00	39.55 2.52 0.00	37.57 2.21 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.51 1.14 0.00	33.27 1.13 0.00	33.21 1.23 0.00	31.36 1.31 0.00	31.12 1.34 0.00	37.13 1.70 0.40	66.96 3.20 4.75	126.21 6.12 7.48	61.48 3.24 3.27	41.04 2.26 0.82	35.19 1.95 0.00	29.42 1.66 0.00	28.95 1.58 0.00	27.89 1.60 0.00	26.18 1.56 0.00	22.75 1.40 0.00	24.19 1.52 0.00	30.27 1.78 0.00	37.50 1.97 0.00	47.12 2.77 0.00	40.84 2.21 0.00	37.93 1.96 0.00	38.93 1.89 0.00	37.01 1.66 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.55 1.17 0.00	33.29 1.14 0.00	33.23 1.25 0.00	31.37 1.31 0.00	31.14 1.36 0.00	37.15 1.72 0.40	66.99 3.22 4.75	126.33 6.24 7.48	61.51 3.27 3.27	41.06 2.27 0.82	35.19 1.96 0.00	29.43 1.67 0.00	28.95 1.59 0.00	27.89 1.60 0.00	26.19 1.57 0.00	22.75 1.40 0.00	24.20 1.53 0.00	30.28 1.79 0.00	37.51 1.98 0.00	47.15 2.80 0.00	40.86 2.23 0.00	37.94 1.98 0.00	38.95 1.91 0.00	37.04 1.68 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.51 1.14 0.00	33.26 1.11 0.00	33.20 1.23 0.00	31.34 1.28 0.00	31.11 1.33 0.00	37.12 1.69 0.40	66.92 3.15 4.75	126.21 6.12 7.48	61.45 3.21 3.27	41.02 2.23 0.82	35.16 1.93 0.00	29.41 1.65 0.00	28.92 1.56 0.00	27.87 1.58 0.00	26.17 1.55 0.00	22.73 1.39 0.00	24.18 1.51 0.00	30.25 1.77 0.00	37.47 1.95 0.00	47.10 2.75 0.00	40.82 2.18 0.00	37.91 1.94 0.00	38.91 1.87 0.00	37.00 1.65 0.00
FARRAGUT___LBMP 323566	31.49 1.12 0.00	33.24 1.09 0.00	33.17 1.20 0.00	31.33 1.28 0.00	31.09 1.31 0.00	37.09 1.66 0.40	66.87 3.10 4.75	126.08 5.99 7.48	61.41 3.17 3.27	40.98 2.19 0.82	35.13 1.90 0.00	29.38 1.62 0.00	28.90 1.54 0.00	27.85 1.55 0.00	26.15 1.53 0.00	22.71 1.37 0.00	24.16 1.49 0.00	30.23 1.75 0.00	37.44 1.92 0.00	47.06 2.71 0.00	40.79 2.16 0.00	37.88 1.92 0.00	38.88 1.84 0.00	36.98 1.62 0.00
FENNER___WINDPWR 24204	30.43 0.06 0.00	32.12 -0.02 0.00	31.97 -0.01 0.00	30.15 0.09 0.00	29.87 0.09 0.00	35.40 0.26 0.68	61.41 0.90 8.01	116.83 1.89 12.63	56.53 0.54 5.52	38.32 0.10 1.38	33.07 -0.16 0.00	27.57 -0.19 0.00	27.15 -0.21 0.00	26.07 -0.23 0.00	24.42 -0.20 0.00	21.17 -0.17 0.00	22.56 -0.11 0.00	28.56 0.08 0.00	35.89 0.37 0.00	45.11 0.76 0.00	39.18 0.55 0.00	36.43 0.46 0.00	37.41 0.37 0.00	35.56 0.20 0.00
FIBERTEK___ENERGY 23856	30.05 -0.32 0.00	31.78 -0.36 0.00	31.59 -0.39 0.00	29.72 -0.34 0.00	29.40 -0.38 0.00	34.81 -0.35 0.68	60.19 -0.38 7.94	114.39 -0.67 12.52	55.46 -0.58 5.47	37.63 -0.60 1.37	32.71 -0.53 0.00	27.33 -0.43 0.00	26.97 -0.39 0.00	25.87 -0.42 0.00	24.22 -0.40 0.00	20.99 -0.36 0.00	22.29 -0.38 0.00	28.05 -0.43 0.00	35.08 -0.45 0.00	43.86 -0.49 0.00	38.09 -0.54 0.00	35.52 -0.45 0.00	36.52 -0.52 0.00	34.83 -0.53 0.00
FITZPATRICK____ 23598	29.42 -0.96 0.00	31.11 -1.03 0.00	30.92 -1.05 0.00	29.05 -1.00 0.00	28.73 -1.05 0.00	31.15 -1.25 3.43	26.09 -2.24 40.19	60.08 -4.17 63.32	31.73 -2.13 27.65	31.21 -1.46 6.93	32.03 -1.20 0.00	26.79 -0.98 0.00	26.52 -0.84 0.00	25.44 -0.85 0.00	23.82 -0.80 0.00	20.64 -0.70 0.00	21.90 -0.77 0.00	27.50 -0.99 0.00	34.31 -1.22 0.00	42.85 -1.50 0.00	37.20 -1.43 0.00	34.68 -1.28 0.00	35.70 -1.34 0.00	34.12 -1.24 0.00
FLOWRFLD_69_KV_BK1 356044	35.21 1.05 -3.79	33.12 0.98 0.00	33.12 1.14 0.00	31.21 1.16 0.00	31.04 1.26 0.00	36.56 1.49 0.77	62.39 2.53 8.66	124.84 4.75 7.48	60.84 2.60 3.27	40.80 2.01 0.82	35.15 1.82 -0.10	29.17 1.41 0.00	28.78 1.42 0.00	27.66 1.36 0.00	26.03 1.40 0.00	22.61 1.27 0.00	24.09 1.42 0.00	30.16 1.68 0.00	36.76 1.68 0.44	47.04 2.70 0.00	40.81 2.17 0.00	38.13 2.17 0.00	39.26 2.22 0.00	37.24 1.89 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.56 1.19 0.00	33.35 1.20 0.00	33.22 1.25 0.00	31.34 1.29 0.00	31.11 1.34 0.00	37.13 1.70 0.41	67.03 3.26 4.75	126.33 6.24 7.49	61.41 3.17 3.27	40.86 2.08 0.82	34.93 1.70 0.00	29.18 1.42 0.00	28.71 1.35 0.00	27.67 1.37 0.00	25.96 1.33 0.00	22.56 1.22 0.00	24.03 1.36 0.00	30.17 1.68 0.00	37.47 1.95 0.00	47.06 2.71 0.00	40.83 2.20 0.00	37.96 2.00 0.00	39.00 1.95 0.00	37.09 1.73 0.00
FORT ORANGE____ 23900	30.91 0.53 0.00	32.66 0.51 0.00	32.51 0.53 0.00	30.66 0.61 0.00	30.46 0.68 0.00	36.25 0.82 0.39	65.22 1.30 4.60	122.68 2.35 7.24	59.68 1.34 3.16	39.79 0.98 0.79	34.06 0.83 0.00	28.45 0.69 0.00	28.01 0.65 0.00	26.94 0.65 0.00	25.21 0.59 0.00	21.89 0.55 0.00	23.25 0.58 0.00	29.17 0.69 0.00	36.37 0.84 0.00	45.52 1.17 0.00	39.57 0.94 0.00	36.96 1.00 0.00	37.98 0.94 0.00	36.20 0.85 0.00
FORT_DRUM_COGEN 23780	29.43 -0.95 0.00	31.12 -1.03 0.00	31.12 -0.86 0.00	31.72 -0.50 -2.17	31.38 -0.56 -2.16	36.97 -0.41 -1.55	63.94 0.22 4.80	118.73 0.29 9.14	56.50 -1.01 4.00	36.85 -1.75 1.00	31.12 -2.12 0.00	25.77 -1.99 0.00	25.38 -1.98 0.00	24.33 -1.97 0.00	22.70 -2.10 -0.18	20.44 -1.78 -0.88	21.07 -1.74 -0.14	26.98 -1.51 0.00	34.67 -0.85 0.00	44.63 0.28 0.00	38.85 0.22 0.00	35.99 0.03 0.00	36.99 -0.06 0.00	35.42 0.07 0.00
FOX_HILLS___ESR 323835	55.94 1.40 -24.16	55.28 1.40 -21.74	55.29 1.48 -21.84	55.27 1.55 -23.67	55.28 1.58 -23.91	55.93 1.97 -18.13	69.04 3.47 2.94	130.05 6.98 4.51	70.19 3.70 -4.98	58.09 2.55 -15.94	59.28 2.11 -23.93	56.62 1.77 -27.09	56.52 1.69 -27.48	56.52 1.70 -28.52	56.51 1.67 -30.21	56.38 1.49 -33.55	55.82 1.62 -31.53	64.30 1.90 -33.91	82.00 2.18 -44.29	96.31 3.08 -48.88	96.31 2.46 -55.23	96.33 2.25 -58.11	62.39 2.18 -23.16	56.52 1.91 -19.24
FPL FAR_ROCK_GT1 24212	97.71 1.56 -65.77	33.66 1.52 0.00	33.58 1.60 0.00	31.66 1.60 0.00	31.47 1.69 0.00	37.46 2.09 0.45	67.08 3.86 5.29	127.02 6.93 7.48	61.96 3.72 3.27	41.43 2.64 0.82	37.01 2.37 -1.40	29.71 1.94 0.00	29.23 1.87 0.00	28.13 1.83 0.00	26.42 1.80 0.00	22.95 1.61 0.00	24.44 1.77 0.00	30.59 2.10 0.00	37.80 2.34 0.06	47.69 3.34 0.00	41.34 2.71 0.00	38.51 2.55 0.00	39.53 2.50 0.00	37.55 2.20 0.00



FPL FAR_ROCK_GT2 23815	97.71 1.56 -65.77	33.66 1.52 0.00	33.58 1.60 0.00	31.66 1.60 0.00	31.47 1.69 0.00	37.46 2.09 0.45	67.08 3.86 5.29	127.02 6.93 7.48	61.96 3.72 3.27	41.43 2.64 0.82	37.01 2.37 -1.40	29.71 1.94 0.00	29.23 1.87 0.00	28.13 1.83 0.00	26.42 1.80 0.00	22.95 1.61 0.00	24.44 1.77 0.00	30.59 2.10 0.00	37.80 2.34 0.06	47.69 3.34 0.00	41.34 2.71 0.00	38.51 2.55 0.00	39.53 2.50 0.00	37.55 2.20 0.00
FRANKLIN_FALL_HYD 24054	30.06 -0.31 0.00	32.30 0.15 0.00	31.93 -0.05 0.00	61.88 -0.58 -32.40	61.50 -0.52 -32.24	65.73 -0.76 -30.66	80.55 -0.94 -12.98	123.51 -1.25 2.81	59.83 -0.44 1.24	38.83 -0.47 0.30	32.70 -0.53 0.00	27.24 -0.52 0.00	26.72 -0.64 0.00	25.63 -0.66 0.00	26.59 -0.67 -2.63	33.89 -0.66 -13.21	24.11 -0.69 -2.13	27.82 -0.67 0.00	35.05 -0.47 0.00	44.31 -0.04 0.00	39.29 0.66 0.00	35.99 0.03 0.00	37.01 -0.03 0.00	35.45 0.10 0.00
FREEPORT_EQUS_GT1 23764	55.54 1.24 -23.92	33.34 1.19 0.00	33.27 1.29 0.00	31.36 1.31 0.00	31.17 1.39 0.00	36.90 1.69 0.61	64.54 3.04 7.01	125.04 4.95 7.48	61.16 2.92 3.27	40.98 2.20 0.82	35.78 2.00 -0.54	29.40 1.63 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.14 1.52 0.00	22.71 1.37 0.00	24.19 1.52 0.00	30.28 1.80 0.00	37.22 1.94 0.26	47.24 2.89 0.00	40.95 2.32 0.00	38.19 2.22 0.00	39.22 2.18 0.00	37.28 1.92 0.00
FREEPORT___CT2 23818	55.54 1.24 -23.92	33.34 1.19 0.00	33.27 1.29 0.00	31.36 1.31 0.00	31.17 1.39 0.00	36.90 1.69 0.61	64.54 3.04 7.01	125.04 4.95 7.48	61.16 2.92 3.27	40.98 2.20 0.82	35.78 2.00 -0.54	29.40 1.63 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.14 1.52 0.00	22.71 1.37 0.00	24.19 1.52 0.00	30.28 1.80 0.00	37.22 1.94 0.26	47.24 2.89 0.00	40.95 2.32 0.00	38.19 2.22 0.00	39.22 2.18 0.00	37.28 1.92 0.00
FRESHKLS_33_KV_LOAD 356253	55.92 1.38 -24.16	55.26 1.37 -21.74	55.26 1.44 -21.84	55.25 1.53 -23.67	55.26 1.57 -23.91	55.89 1.93 -18.13	68.90 3.33 2.94	129.86 6.79 4.51	70.09 3.60 -4.98	58.02 2.48 -15.94	59.18 2.01 -23.93	56.53 1.69 -27.09	56.44 1.61 -27.48	56.44 1.62 -28.52	56.44 1.60 -30.21	56.32 1.43 -33.55	55.76 1.55 -31.53	64.21 1.82 -33.91	81.93 2.11 -44.29	96.24 3.02 -48.88	96.26 2.41 -55.23	96.29 2.21 -58.11	62.35 2.14 -23.16	56.52 1.92 -19.24
FULTON COGEN____ 23766	29.71 -0.67 0.00	31.41 -0.74 0.00	31.21 -0.76 0.00	29.31 -0.74 0.00	29.01 -0.77 0.00	34.59 -0.87 0.37	62.71 -1.43 4.38	118.06 -2.60 6.91	57.06 -1.43 3.02	37.73 -1.12 0.76	32.26 -0.98 0.00	26.97 -0.79 0.00	26.61 -0.76 0.00	25.52 -0.77 0.00	23.89 -0.73 0.00	20.71 -0.63 0.00	22.00 -0.67 0.00	27.67 -0.82 0.00	34.57 -0.96 0.00	43.20 -1.15 0.00	37.50 -1.13 0.00	34.98 -0.99 0.00	35.97 -1.07 0.00	34.36 -0.99 0.00
FULTON___LFGE 323630	31.80 1.42 0.00	33.60 1.45 0.00	33.43 1.45 0.00	31.44 1.39 0.00	31.14 1.36 0.00	37.23 1.82 0.42	67.42 3.85 4.95	127.36 7.59 7.80	61.33 3.23 3.41	40.33 1.58 0.85	33.93 0.70 0.00	27.76 0.00 0.00	27.24 -0.12 0.00	26.18 -0.11 0.00	24.52 -0.10 0.00	21.25 -0.09 0.00	22.65 -0.03 0.00	29.00 0.51 0.00	37.28 1.75 0.00	47.08 2.73 0.00	40.95 2.32 0.00	38.01 2.04 0.00	39.10 2.06 0.00	37.26 1.91 0.00
G.F.CEMENT___DRP 24184	31.39 1.02 0.00	33.23 1.09 0.00	33.01 1.03 0.00	31.14 1.08 0.00	30.97 1.19 0.00	37.03 1.60 0.40	66.72 2.85 4.64	125.29 5.03 7.31	61.00 2.69 3.19	40.57 1.76 0.80	34.50 1.26 0.00	28.73 0.97 0.00	28.15 0.79 0.00	27.00 0.71 0.00	25.21 0.59 0.00	21.85 0.51 0.00	23.32 0.65 0.00	29.44 0.96 0.00	36.77 1.25 0.00	46.07 1.73 0.00	40.16 1.53 0.00	38.01 2.05 0.00	39.16 2.12 0.00	37.23 1.87 0.00
GARDENVILLE___LBMP 24039	29.40 -0.98 0.00	31.24 -0.91 0.00	30.72 -1.26 0.00	28.87 -1.18 0.00	28.65 -1.13 0.00	33.93 -0.86 1.04	54.66 -1.69 12.16	105.35 -3.05 19.17	51.50 -1.63 8.37	36.33 -1.18 2.10	32.48 -0.76 0.00	26.98 -0.78 0.00	26.27 -1.09 0.00	24.78 -1.51 0.00	23.20 -1.42 0.00	20.04 -1.31 0.00	21.20 -1.48 0.00	26.63 -1.85 0.00	33.40 -2.13 0.00	41.41 -2.94 0.00	35.66 -2.97 0.00	33.03 -2.94 0.00	31.34 -2.92 2.79	28.06 -2.74 4.56
GARDNVLA_35_KV_LD 355827	29.56 -0.81 0.00	31.41 -0.74 0.00	30.89 -1.09 0.00	29.01 -1.04 0.00	28.79 -0.99 0.00	34.14 -0.66 1.03	55.14 -1.29 12.08	106.25 -2.28 19.05	51.97 -1.22 8.32	36.61 -0.91 2.08	32.70 -0.53 0.00	27.16 -0.60 0.00	26.44 -0.92 0.00	24.92 -1.37 0.00	23.33 -1.29 0.00	20.14 -1.20 0.00	21.30 -1.36 0.00	26.79 -1.70 0.00	33.61 -1.92 0.00	41.67 -2.68 0.00	35.91 -2.72 0.00	33.27 -2.70 0.00	31.77 -2.69 2.58	28.63 -2.51 4.22
GELCKHM___115KV_LOAD 80723	29.85 -0.52 0.00	31.56 -0.58 0.00	31.37 -0.61 0.00	29.50 -0.56 0.00	29.18 -0.60 0.00	34.38 -0.63 0.82	57.89 -0.97 9.66	110.60 -1.75 15.23	53.86 -1.00 6.65	37.11 -0.82 1.67	32.53 -0.70 0.00	27.20 -0.56 0.00	26.85 -0.51 0.00	25.74 -0.55 0.00	24.09 -0.53 0.00	20.86 -0.49 0.00	22.14 -0.53 0.00	27.84 -0.64 0.00	34.80 -0.73 0.00	43.51 -0.84 0.00	37.78 -0.85 0.00	35.26 -0.71 0.00	36.27 -0.77 0.00	34.61 -0.74 0.00
GENERAL___MILLS 23808	29.50 -0.88 0.00	31.34 -0.81 0.00	30.82 -1.16 0.00	28.95 -1.10 0.00	28.73 -1.05 0.00	34.05 -0.75 1.03	54.93 -1.47 12.11	105.82 -2.66 19.09	51.74 -1.44 8.33	36.48 -1.04 2.09	32.59 -0.65 0.00	27.07 -0.69 0.00	26.36 -1.00 0.00	24.85 -1.44 0.00	23.26 -1.36 0.00	20.08 -1.26 0.00	21.25 -1.42 0.00	26.71 -1.78 0.00	33.51 -2.02 0.00	41.55 -2.80 0.00	35.79 -2.84 0.00	33.16 -2.80 0.00	31.59 -2.80 2.65	28.41 -2.61 4.34
GE_PLASTICS___DRP 24183	30.81 0.44 0.00	32.57 0.42 0.00	32.42 0.44 0.00	30.56 0.51 0.00	30.35 0.57 0.00	36.12 0.68 0.39	64.97 1.04 4.58	122.16 1.80 7.22	59.40 1.04 3.15	39.64 0.82 0.79	33.95 0.72 0.00	28.39 0.62 0.00	27.97 0.61 0.00	26.89 0.60 0.00	25.18 0.56 0.00	21.86 0.52 0.00	23.22 0.55 0.00	29.13 0.64 0.00	36.24 0.72 0.00	45.31 0.97 0.00	39.39 0.76 0.00	36.77 0.80 0.00	37.80 0.76 0.00	36.05 0.69 0.00
GILBOA___1 23756	30.81 0.43 0.00	32.56 0.42 0.00	32.42 0.44 0.00	30.56 0.51 0.00	30.31 0.53 0.00	36.05 0.68 0.46	64.18 1.07 5.41	120.78 1.73 8.53	58.71 0.92 3.72	39.51 0.84 0.93	33.94 0.70 0.00	28.35 0.59 0.00	27.93 0.57 0.00	26.87 0.57 0.00	25.17 0.55 0.00	21.85 0.51 0.00	23.23 0.56 0.00	29.16 0.67 0.00	36.29 0.76 0.00	45.37 1.03 0.00	39.40 0.77 0.00	36.77 0.80 0.00	37.82 0.77 0.00	36.02 0.66 0.00
GILBOA___2 23757	30.81 0.43 0.00	32.56 0.42 0.00	32.42 0.44 0.00	30.56 0.51 0.00	30.31 0.53 0.00	36.05 0.68 0.46	64.18 1.07 5.41	120.78 1.73 8.53	58.71 0.92 3.72	39.51 0.84 0.93	33.94 0.70 0.00	28.35 0.59 0.00	27.93 0.57 0.00	26.87 0.57 0.00	25.17 0.55 0.00	21.85 0.51 0.00	23.23 0.56 0.00	29.16 0.67 0.00	36.29 0.76 0.00	45.37 1.03 0.00	39.40 0.77 0.00	36.77 0.80 0.00	37.82 0.77 0.00	36.02 0.66 0.00

GILBOA___3 23758	30.81 0.43 0.00	32.56 0.42 0.00	32.42 0.44 0.00	30.56 0.51 0.00	30.31 0.53 0.00	36.05 0.68 0.46	64.18 1.07 5.41	120.78 1.73 8.53	58.71 0.92 3.72	39.51 0.84 0.93	33.94 0.70 0.00	28.35 0.59 0.00	27.93 0.57 0.00	26.87 0.57 0.00	25.17 0.55 0.00	21.85 0.51 0.00	23.23 0.56 0.00	29.16 0.67 0.00	36.29 0.76 0.00	45.37 1.03 0.00	39.40 0.77 0.00	36.77 0.80 0.00	37.82 0.77 0.00	36.02 0.66 0.00
GILBOA___4 23759	30.81 0.43 0.00	32.56 0.42 0.00	32.42 0.44 0.00	30.56 0.51 0.00	30.31 0.53 0.00	36.05 0.68 0.46	64.18 1.07 5.41	120.78 1.73 8.53	58.71 0.92 3.72	39.51 0.84 0.93	33.94 0.70 0.00	28.35 0.59 0.00	27.93 0.57 0.00	26.87 0.57 0.00	25.17 0.55 0.00	21.85 0.51 0.00	23.23 0.56 0.00	29.16 0.67 0.00	36.29 0.76 0.00	45.37 1.03 0.00	39.40 0.77 0.00	36.77 0.80 0.00	37.82 0.77 0.00	36.02 0.66 0.00
GILBOA___ 23599	30.81 0.43 0.00	32.56 0.42 0.00	32.42 0.44 0.00	30.56 0.51 0.00	30.31 0.53 0.00	36.05 0.68 0.46	64.18 1.08 5.41	120.78 1.73 8.53	58.72 0.93 3.72	39.51 0.84 0.93	33.93 0.70 0.00	28.35 0.59 0.00	27.93 0.57 0.00	26.86 0.57 0.00	25.17 0.55 0.00	21.85 0.51 0.00	23.23 0.56 0.00	29.16 0.67 0.00	36.28 0.76 0.00	45.37 1.03 0.00	39.41 0.77 0.00	36.77 0.80 0.00	37.82 0.78 0.00	36.02 0.66 0.00
GINNA___ 23603	28.44 -1.93 0.00	30.14 -2.01 0.00	29.82 -2.16 0.00	27.99 -2.07 0.00	27.79 -1.99 0.00	32.67 -2.07 1.09	52.05 -3.67 12.80	100.56 -6.84 20.18	49.11 -3.58 8.81	34.78 -2.61 2.21	31.07 -2.17 0.00	25.87 -1.89 0.00	25.36 -2.00 0.00	24.11 -2.19 0.00	22.51 -2.11 0.00	19.46 -1.88 0.00	20.63 -2.05 0.00	26.04 -2.44 0.00	32.77 -2.76 0.00	40.83 -3.52 0.00	35.37 -3.26 0.00	32.89 -3.08 0.00	33.93 -3.11 0.00	32.47 -2.89 0.00
GLEN PARK___ 23778	29.58 -0.80 0.00	31.29 -0.86 0.00	31.28 -0.69 0.00	31.79 -0.33 -2.07	31.43 -0.41 -2.06	37.07 -0.20 -1.45	64.29 0.69 4.92	119.47 1.15 9.26	56.78 -0.68 4.05	36.94 -1.65 1.01	31.15 -2.09 0.00	25.78 -1.98 0.00	25.39 -1.97 0.00	24.33 -1.97 0.00	22.70 -2.10 -0.17	20.40 -1.78 -0.84	21.06 -1.74 -0.13	26.99 -1.50 0.00	34.78 -0.75 0.00	44.86 0.51 0.00	39.06 0.43 0.00	36.19 0.22 0.00	37.17 0.13 0.00	35.58 0.22 0.00
GLENDALE_27_KV_LOAD 356172	32.89 1.38 -1.14	33.51 1.36 -0.01	33.44 1.46 -0.01	31.57 1.51 -0.01	31.33 1.55 -0.01	37.38 1.95 0.40	67.41 3.64 4.75	127.20 7.11 7.48	62.00 3.76 3.27	41.96 2.58 0.23	43.26 2.22 -7.80	37.83 1.88 -8.19	41.59 1.79 -12.44	41.99 1.79 -13.90	46.37 1.74 -20.00	38.88 1.56 -15.98	33.62 1.70 -9.26	45.76 2.01 -15.26	40.15 2.26 -2.36	48.26 3.13 -0.78	44.16 2.52 -3.01	40.34 2.26 -2.12	39.23 2.19 0.00	37.35 1.92 -0.08
GLENWOOD_IC_1_G5 23712	47.92 1.30 -16.25	33.41 1.26 0.00	33.33 1.35 0.00	31.43 1.37 0.00	31.24 1.46 0.00	37.06 1.77 0.55	65.46 3.25 6.30	125.98 5.89 7.48	61.48 3.24 3.27	41.11 2.33 0.82	35.78 2.11 -0.44	29.50 1.74 0.00	29.04 1.68 0.00	27.94 1.65 0.00	26.24 1.62 0.00	22.80 1.46 0.00	24.27 1.60 0.00	30.37 1.88 0.00	37.38 2.03 0.17	47.33 2.98 0.00	41.01 2.39 0.00	38.22 2.26 0.00	39.27 2.23 0.00	37.33 1.97 0.00
GLENWOOD_IC_2_G1 23688	39.08 1.25 -7.46	33.36 1.22 0.00	33.28 1.30 0.00	31.38 1.33 0.00	31.19 1.41 0.00	37.10 1.72 0.45	66.41 3.11 5.21	125.72 5.63 7.48	61.35 3.11 3.27	41.03 2.25 0.82	35.61 2.04 -0.33	29.43 1.67 0.00	28.98 1.62 0.00	27.88 1.59 0.00	26.18 1.56 0.00	22.75 1.41 0.00	24.22 1.54 0.00	30.30 1.82 0.00	37.43 1.96 0.05	47.22 2.87 0.00	40.93 2.30 0.00	38.15 2.19 0.00	39.18 2.15 0.00	37.23 1.88 0.00
GLENWOOD_IC_3_G1 23689	39.08 1.25 -7.46	33.36 1.22 0.00	33.28 1.30 0.00	31.38 1.33 0.00	31.19 1.41 0.00	37.10 1.72 0.45	66.41 3.11 5.21	125.72 5.63 7.48	61.35 3.11 3.27	41.03 2.25 0.82	35.61 2.04 -0.33	29.43 1.67 0.00	28.98 1.62 0.00	27.88 1.59 0.00	26.18 1.56 0.00	22.75 1.41 0.00	24.22 1.54 0.00	30.30 1.82 0.00	37.43 1.96 0.05	47.22 2.87 0.00	40.93 2.30 0.00	38.15 2.19 0.00	39.18 2.15 0.00	37.23 1.88 0.00
GLENWOOD___4 23550	47.92 1.30 -16.25	33.41 1.26 0.00	33.33 1.35 0.00	31.43 1.37 0.00	31.24 1.46 0.00	37.06 1.77 0.55	65.46 3.25 6.30	125.98 5.89 7.48	61.48 3.24 3.27	41.11 2.33 0.82	35.78 2.11 -0.44	29.50 1.74 0.00	29.04 1.68 0.00	27.94 1.65 0.00	26.24 1.62 0.00	22.80 1.46 0.00	24.27 1.60 0.00	30.37 1.88 0.00	37.38 2.03 0.17	47.33 2.98 0.00	41.01 2.39 0.00	38.22 2.26 0.00	39.27 2.23 0.00	37.33 1.97 0.00
GLENWOOD___5 23614	47.92 1.30 -16.25	33.41 1.26 0.00	33.33 1.35 0.00	31.43 1.37 0.00	31.24 1.46 0.00	37.06 1.77 0.55	65.46 3.25 6.30	125.98 5.89 7.48	61.48 3.24 3.27	41.11 2.33 0.82	35.78 2.11 -0.44	29.50 1.74 0.00	29.04 1.68 0.00	27.94 1.65 0.00	26.24 1.62 0.00	22.80 1.46 0.00	24.27 1.60 0.00	30.37 1.88 0.00	37.38 2.03 0.17	47.33 2.98 0.00	41.01 2.39 0.00	38.22 2.26 0.00	39.27 2.23 0.00	37.33 1.97 0.00
GLOBAL GREEN_PORT_GT1 23814	33.98 0.00 -3.61	32.04 -0.10 0.00	32.96 0.98 0.00	30.87 0.81 0.00	30.73 0.95 0.00	35.69 0.63 0.77	60.59 0.76 8.68	122.21 2.12 7.48	58.99 0.75 3.27	39.58 0.79 0.82	34.02 0.69 -0.09	28.19 0.43 0.00	27.89 0.53 0.00	26.78 0.49 0.00	25.31 0.69 0.00	21.95 0.61 0.00	23.37 0.70 0.00	29.34 0.86 0.00	35.73 0.65 0.44	45.86 1.51 0.00	39.76 1.13 0.00	37.18 1.22 0.00	38.39 1.35 0.00	36.34 0.99 0.00
GLOBE___DSASP 323697	28.51 -1.86 0.00	30.28 -1.87 0.00	29.77 -2.21 0.00	27.87 -2.19 0.00	27.73 -2.05 0.00	32.80 -1.97 1.06	51.95 -4.16 12.40	99.98 -8.05 19.55	49.07 -3.90 8.53	34.90 -2.56 2.14	31.33 -1.91 0.00	26.03 -1.73 0.00	25.35 -2.01 0.00	23.86 -2.44 0.00	22.27 -2.35 0.00	19.22 -2.12 0.00	20.30 -2.38 0.00	25.51 -2.98 0.00	32.00 -3.53 0.00	39.58 -4.76 0.00	34.19 -4.44 0.00	31.71 -4.25 0.00	29.42 -4.19 3.43	25.94 -3.83 5.58
GOETHSLN___LBMP 323567	31.33 0.95 0.00	33.06 0.91 0.00	33.00 1.02 0.00	31.16 1.11 0.00	30.92 1.14 0.00	36.88 1.45 0.40	66.49 2.72 4.75	125.33 5.24 7.48	61.02 2.78 3.27	40.71 1.92 0.82	34.90 1.67 0.00	29.20 1.44 0.00	28.73 1.37 0.00	27.69 1.40 0.00	26.00 1.38 0.00	22.59 1.25 0.00	24.03 1.36 0.00	30.06 1.58 0.00	37.23 1.71 0.00	46.81 2.46 0.00	40.58 1.95 0.00	37.66 1.69 0.00	38.67 1.63 0.00	36.77 1.41 0.00
GOLAH___69_KV_TB 1_2 80279	29.82 -0.55 0.00	31.60 -0.55 0.00	31.21 -0.76 0.00	29.27 -0.79 0.00	29.09 -0.69 0.00	34.34 -0.39 1.10	55.15 -0.45 12.92	106.39 -0.83 20.36	51.76 -0.86 8.89	36.46 -0.92 2.23	32.50 -0.73 0.00	27.01 -0.75 0.00	26.41 -0.95 0.00	25.02 -1.27 0.00	23.37 -1.26 0.00	20.20 -1.15 0.00	21.37 -1.30 0.00	26.96 -1.52 0.00	33.97 -1.55 0.00	42.43 -1.92 0.00	36.76 -1.88 0.00	34.15 -1.82 0.00	34.52 -1.80 0.72	32.54 -1.64 1.18

GOODYEAR_LAKE_HYD 323669	31.13 0.75 0.00	32.90 0.75 0.00	32.73 0.75 0.00	30.84 0.79 0.00	30.52 0.74 0.00	36.33 1.08 0.58	64.19 2.42 6.75	121.68 4.74 10.63	58.95 2.08 4.64	39.68 1.25 1.16	34.12 0.89 0.00	28.42 0.66 0.00	27.95 0.59 0.00	26.86 0.57 0.00	25.20 0.58 0.00	21.85 0.51 0.00	23.27 0.60 0.00	29.42 0.93 0.00	36.94 1.41 0.00	46.25 1.90 0.00	40.17 1.54 0.00	37.30 1.33 0.00	38.33 1.29 0.00	36.49 1.14 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.08 -0.30 0.00	31.81 -0.33 0.00	31.60 -0.37 0.00	29.84 -0.21 0.00	29.47 -0.31 0.00	34.88 -0.22 0.73	59.75 -0.21 8.55	113.86 -0.24 13.48	55.19 -0.43 5.89	37.74 -0.39 1.48	32.95 -0.28 0.00	27.52 -0.24 0.00	27.03 -0.33 0.00	25.95 -0.34 0.00	24.40 -0.22 0.00	21.15 -0.20 0.00	22.48 -0.19 0.00	28.27 -0.22 0.00	35.32 -0.21 0.00	44.24 -0.10 0.00	38.25 -0.38 0.00	35.61 -0.35 0.00	36.62 -0.42 0.00	34.82 -0.54 0.00
GOUDEY___7 23579	30.08 -0.30 0.00	31.81 -0.33 0.00	31.60 -0.37 0.00	29.84 -0.21 0.00	29.47 -0.31 0.00	34.88 -0.22 0.73	59.75 -0.21 8.55	113.86 -0.24 13.48	55.19 -0.43 5.89	37.74 -0.39 1.48	32.95 -0.28 0.00	27.52 -0.24 0.00	27.03 -0.33 0.00	25.95 -0.34 0.00	24.40 -0.22 0.00	21.15 -0.20 0.00	22.48 -0.19 0.00	28.27 -0.22 0.00	35.32 -0.21 0.00	44.24 -0.10 0.00	38.25 -0.38 0.00	35.61 -0.35 0.00	36.62 -0.42 0.00	34.82 -0.54 0.00
GOUDEY___8 23580	30.08 -0.30 0.00	31.81 -0.33 0.00	31.60 -0.37 0.00	29.84 -0.21 0.00	29.47 -0.31 0.00	34.88 -0.22 0.73	59.75 -0.21 8.55	113.86 -0.24 13.48	55.19 -0.43 5.89	37.74 -0.39 1.48	32.95 -0.28 0.00	27.52 -0.24 0.00	27.03 -0.33 0.00	25.95 -0.34 0.00	24.40 -0.22 0.00	21.15 -0.20 0.00	22.48 -0.19 0.00	28.27 -0.22 0.00	35.32 -0.21 0.00	44.24 -0.10 0.00	38.25 -0.38 0.00	35.61 -0.35 0.00	36.62 -0.42 0.00	34.82 -0.54 0.00
GOWANUS_GT1_1 24077	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.24 -30.54	56.73 1.87 -27.09	56.62 1.78 -27.48	56.60 1.79 -28.52	56.58 1.75 -30.21	56.46 1.56 -33.55	55.90 1.69 -31.53	72.73 2.00 -42.25	82.10 2.28 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.40 2.32 -58.11	62.46 2.26 -23.16	56.59 1.99 -19.24
GOWANUS_GT1_2 24078	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.24 -30.54	56.73 1.87 -27.09	56.62 1.78 -27.48	56.60 1.79 -28.52	56.58 1.75 -30.21	56.46 1.56 -33.55	55.90 1.69 -31.53	72.73 2.00 -42.25	82.10 2.28 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.40 2.32 -58.11	62.46 2.26 -23.16	56.59 1.99 -19.24
GOWANUS_GT1_3 24079	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.24 -30.54	56.73 1.87 -27.09	56.62 1.78 -27.48	56.60 1.79 -28.52	56.58 1.75 -30.21	56.46 1.56 -33.55	55.90 1.69 -31.53	72.73 2.00 -42.25	82.10 2.28 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.40 2.32 -58.11	62.46 2.26 -23.16	56.59 1.99 -19.24
GOWANUS_GT1_4 24080	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.24 -30.54	56.73 1.87 -27.09	56.62 1.78 -27.48	56.60 1.79 -28.52	56.58 1.75 -30.21	56.46 1.56 -33.55	55.90 1.69 -31.53	72.73 2.00 -42.25	82.10 2.28 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.40 2.32 -58.11	62.46 2.26 -23.16	56.59 1.99 -19.24
GOWANUS_GT1_5 24084	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.24 -30.54	56.73 1.87 -27.09	56.62 1.78 -27.48	56.60 1.79 -28.52	56.58 1.75 -30.21	56.46 1.56 -33.55	55.90 1.69 -31.53	72.73 2.00 -42.25	82.10 2.28 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.40 2.32 -58.11	62.46 2.26 -23.16	56.59 1.99 -19.24
GOWANUS_GT1_6 24111	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.24 -30.54	56.73 1.87 -27.09	56.62 1.78 -27.48	56.60 1.79 -28.52	56.58 1.75 -30.21	56.46 1.56 -33.55	55.90 1.69 -31.53	72.73 2.00 -42.25	82.10 2.28 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.40 2.32 -58.11	62.46 2.26 -23.16	56.59 1.99 -19.24
GOWANUS_GT1_7 24112	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.24 -30.54	56.73 1.87 -27.09	56.62 1.78 -27.48	56.60 1.79 -28.52	56.58 1.75 -30.21	56.46 1.56 -33.55	55.90 1.69 -31.53	72.73 2.00 -42.25	82.10 2.28 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.40 2.32 -58.11	62.46 2.26 -23.16	56.59 1.99 -19.24
GOWANUS_GT1_8 24113	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.24 -30.54	56.73 1.87 -27.09	56.62 1.78 -27.48	56.60 1.79 -28.52	56.58 1.75 -30.21	56.46 1.56 -33.55	55.90 1.69 -31.53	72.73 2.00 -42.25	82.10 2.28 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.40 2.32 -58.11	62.46 2.26 -23.16	56.59 1.99 -19.24
GOWANUS_GT2_1 24114	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
GOWANUS_GT2_2 24115	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
GOWANUS_GT2_3 24116	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24

GOWANUS_GT2_4 24117	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
GOWANUS_GT2_5 24118	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
GOWANUS_GT2_6 24119	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
GOWANUS_GT2_7 24120	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
GOWANUS_GT2_8 24121	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
GOWANUS_GT3_1 24122	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.60 1.78 -28.52	56.58 1.75 -30.21	56.46 1.56 -33.55	55.89 1.69 -31.53	72.73 2.00 -42.25	82.11 2.29 -44.29	96.41 3.19 -48.88	96.42 2.56 -55.23	96.40 2.32 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
GOWANUS_GT3_2 24123	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.60 1.78 -28.52	56.58 1.75 -30.21	56.46 1.56 -33.55	55.89 1.69 -31.53	72.73 2.00 -42.25	82.11 2.29 -44.29	96.41 3.19 -48.88	96.42 2.56 -55.23	96.40 2.32 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
GOWANUS_GT3_3 24124	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.60 1.78 -28.52	56.58 1.75 -30.21	56.46 1.56 -33.55	55.89 1.69 -31.53	72.73 2.00 -42.25	82.11 2.29 -44.29	96.41 3.19 -48.88	96.42 2.56 -55.23	96.40 2.32 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
GOWANUS_GT3_4 24125	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.60 1.78 -28.52	56.58 1.75 -30.21	56.46 1.56 -33.55	55.89 1.69 -31.53	72.73 2.00 -42.25	82.11 2.29 -44.29	96.41 3.19 -48.88	96.42 2.56 -55.23	96.40 2.32 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
GOWANUS_GT3_5 24126	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.60 1.78 -28.52	56.58 1.75 -30.21	56.46 1.56 -33.55	55.89 1.69 -31.53	72.73 2.00 -42.25	82.11 2.29 -44.29	96.41 3.19 -48.88	96.42 2.56 -55.23	96.40 2.32 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
GOWANUS_GT3_6 24127	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.60 1.78 -28.52	56.58 1.75 -30.21	56.46 1.56 -33.55	55.89 1.69 -31.53	72.73 2.00 -42.25	82.11 2.29 -44.29	96.41 3.19 -48.88	96.42 2.56 -55.23	96.40 2.32 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
GOWANUS_GT3_7 24128	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.60 1.78 -28.52	56.58 1.75 -30.21	56.46 1.56 -33.55	55.89 1.69 -31.53	72.73 2.00 -42.25	82.11 2.29 -44.29	96.41 3.19 -48.88	96.42 2.56 -55.23	96.40 2.32 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
GOWANUS_GT3_8 24129	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.60 1.78 -28.52	56.58 1.75 -30.21	56.46 1.56 -33.55	55.89 1.69 -31.53	72.73 2.00 -42.25	82.11 2.29 -44.29	96.41 3.19 -48.88	96.42 2.56 -55.23	96.40 2.32 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
GOWANUS_GT4_1 24130	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.25 -30.54	56.73 1.88 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.47 2.27 -23.16	56.59 1.99 -19.24
GOWANUS_GT4_2 24131	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.25 -30.54	56.73 1.88 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.47 2.27 -23.16	56.59 1.99 -19.24

GOWANUS_GT4_3 24132	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.25 -30.54	56.73 1.88 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.47 2.27 -23.16	56.59 1.99 -19.24
GOWANUS_GT4_4 24133	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.25 -30.54	56.73 1.88 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.47 2.27 -23.16	56.59 1.99 -19.24
GOWANUS_GT4_5 24134	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.25 -30.54	56.73 1.88 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.47 2.27 -23.16	56.59 1.99 -19.24
GOWANUS_GT4_6 24135	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.25 -30.54	56.73 1.88 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.47 2.27 -23.16	56.59 1.99 -19.24
GOWANUS_GT4_7 24136	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.25 -30.54	56.73 1.88 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.47 2.27 -23.16	56.59 1.99 -19.24
GOWANUS_GT4_8 24137	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.25 -30.54	56.73 1.88 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.47 2.27 -23.16	56.59 1.99 -19.24
GREENBSH_115KV_TB3 55895	30.75 0.37 0.00	32.48 0.34 0.00	32.33 0.35 0.00	30.50 0.45 0.00	30.30 0.52 0.00	36.04 0.60 0.39	64.76 0.84 4.60	121.74 1.41 7.24	59.25 0.91 3.16	39.57 0.76 0.79	33.93 0.69 0.00	28.38 0.62 0.00	27.97 0.60 0.00	26.90 0.61 0.00	25.18 0.55 0.00	21.86 0.52 0.00	23.21 0.54 0.00	29.09 0.60 0.00	36.16 0.64 0.00	45.20 0.85 0.00	39.30 0.67 0.00	36.72 0.76 0.00	37.76 0.72 0.00	36.00 0.64 0.00
GREENDGE_115KV_TB5 80291	29.65 -0.73 0.00	31.43 -0.72 0.00	31.19 -0.78 0.00	29.42 -0.64 0.00	29.11 -0.67 0.00	34.42 -0.54 0.87	57.59 -0.69 10.23	110.25 -1.20 16.13	53.47 -0.99 7.04	36.70 -1.13 1.77	32.16 -1.08 0.00	26.83 -0.94 0.00	26.34 -1.02 0.00	25.18 -1.11 0.00	23.67 -0.95 0.00	20.46 -0.88 0.00	21.71 -0.96 0.00	27.51 -0.97 0.00	34.80 -0.73 0.00	43.82 -0.53 0.00	37.81 -0.82 0.00	35.01 -0.95 0.00	42.32 -1.09 -6.37	44.57 -1.20 -10.42
GREENIDGE___3 23582	29.65 -0.73 0.00	31.43 -0.72 0.00	31.19 -0.78 0.00	29.42 -0.64 0.00	29.11 -0.67 0.00	34.42 -0.54 0.87	57.59 -0.69 10.23	110.25 -1.20 16.13	53.47 -0.99 7.04	36.70 -1.13 1.77	32.16 -1.08 0.00	26.83 -0.94 0.00	26.34 -1.02 0.00	25.18 -1.11 0.00	23.67 -0.95 0.00	20.46 -0.88 0.00	21.71 -0.96 0.00	27.51 -0.97 0.00	34.80 -0.73 0.00	43.82 -0.53 0.00	37.81 -0.82 0.00	35.01 -0.95 0.00	42.32 -1.09 -6.37	44.57 -1.20 -10.42
GREENIDGE___4 23583	29.65 -0.73 0.00	31.42 -0.72 0.00	31.19 -0.78 0.00	29.42 -0.64 0.00	29.11 -0.67 0.00	34.42 -0.54 0.87	57.60 -0.69 10.23	110.25 -1.20 16.13	53.48 -0.99 7.04	36.71 -1.13 1.77	32.16 -1.08 0.00	26.83 -0.93 0.00	26.34 -1.02 0.00	25.18 -1.11 0.00	23.67 -0.96 0.00	20.46 -0.88 0.00	21.71 -0.96 0.00	27.51 -0.97 0.00	34.81 -0.72 0.00	43.82 -0.53 0.00	37.81 -0.82 0.00	35.01 -0.95 0.00	42.34 -1.07 -6.37	44.59 -1.19 -10.42
GREENLWN_69_KV_BK 3 55738	35.63 1.01 -4.25	33.10 0.95 0.00	33.04 1.06 0.00	31.15 1.10 0.00	30.96 1.18 0.00	36.45 1.38 0.76	62.11 2.19 8.60	123.98 3.88 7.48	60.56 2.32 3.27	40.61 1.83 0.82	35.14 1.79 -0.11	29.19 1.43 0.00	28.76 1.40 0.00	27.67 1.37 0.00	25.95 1.33 0.00	22.58 1.23 0.00	24.01 1.34 0.00	29.98 1.49 0.00	36.55 1.46 0.43	46.66 2.32 0.00	40.49 1.86 0.00	37.84 1.87 0.00	38.92 1.88 0.00	37.01 1.65 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.25 -30.54	56.73 1.88 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.47 2.27 -23.16	56.59 1.99 -19.24
GRISSOM___SOLAR 323813	31.76 1.38 0.00	33.55 1.40 0.00	33.37 1.40 0.00	31.41 1.35 0.00	31.11 1.34 0.00	37.19 1.78 0.42	67.31 3.71 4.91	127.07 7.24 7.74	61.20 3.08 3.38	40.23 1.48 0.85	33.83 0.60 0.00	27.65 -0.11 0.00	27.07 -0.29 0.00	26.02 -0.28 0.00	24.37 -0.25 0.00	21.14 -0.20 0.00	22.51 -0.16 0.00	28.87 0.38 0.00	37.16 1.63 0.00	46.98 2.64 0.00	40.87 2.24 0.00	37.97 2.00 0.00	39.07 2.03 0.00	37.23 1.88 0.00
GROVEVILLE___HYD 323602	31.56 1.19 0.00	33.35 1.20 0.00	33.22 1.25 0.00	31.34 1.29 0.00	31.11 1.34 0.00	37.13 1.70 0.41	67.03 3.26 4.75	126.33 6.24 7.49	61.41 3.17 3.27	40.86 2.08 0.82	34.93 1.70 0.00	29.18 1.42 0.00	28.71 1.35 0.00	27.67 1.37 0.00	25.96 1.33 0.00	22.56 1.22 0.00	24.03 1.36 0.00	30.17 1.68 0.00	37.47 1.95 0.00	47.06 2.71 0.00	40.83 2.20 0.00	37.96 2.00 0.00	39.00 1.95 0.00	37.09 1.73 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.05 -0.32 0.00	31.78 -0.36 0.00	31.59 -0.39 0.00	29.72 -0.34 0.00	29.40 -0.38 0.00	34.81 -0.35 0.68	60.19 -0.38 7.94	114.39 -0.67 12.52	55.46 -0.58 5.47	37.63 -0.60 1.37	32.71 -0.53 0.00	27.33 -0.43 0.00	26.97 -0.39 0.00	25.87 -0.42 0.00	24.22 -0.40 0.00	20.99 -0.36 0.00	22.29 -0.38 0.00	28.05 -0.43 0.00	35.08 -0.45 0.00	43.86 -0.49 0.00	38.09 -0.54 0.00	35.52 -0.45 0.00	36.52 -0.52 0.00	34.83 -0.53 0.00

HAMLTNNY_34_KV_TB 80303	30.01 -0.36 0.00	31.75 -0.40 0.00	31.54 -0.44 0.00	29.71 -0.35 0.00	29.36 -0.42 0.00	34.82 -0.36 0.66	60.41 -0.38 7.73	114.77 -0.63 12.18	55.56 -0.63 5.32	37.63 -0.64 1.33	32.67 -0.57 0.00	27.29 -0.48 0.00	26.94 -0.42 0.00	25.86 -0.44 0.00	24.19 -0.43 0.00	20.95 -0.39 0.00	22.26 -0.42 0.00	28.04 -0.45 0.00	35.10 -0.42 0.00	43.92 -0.43 0.00	38.15 -0.48 0.00	35.55 -0.41 0.00	36.57 -0.47 0.00	34.86 -0.50 0.00
HAMPSHIRE___PAPER_HYD 323593	29.38 -0.99 0.00	31.15 -0.99 0.00	31.04 -0.94 0.00	34.32 -0.92 -5.18	34.07 -0.86 -5.15	39.37 -1.01 -4.55	65.58 -1.40 1.53	118.71 -2.69 6.17	56.91 -1.88 2.73	37.20 -1.74 0.67	31.45 -1.79 0.00	26.15 -1.62 0.00	25.70 -1.66 0.00	24.71 -1.58 0.00	23.43 -1.61 -0.42	22.02 -1.43 -2.11	21.54 -1.45 -0.33	27.02 -1.47 0.00	34.36 -1.16 0.00	43.58 -0.76 0.00	38.16 -0.47 0.00	35.42 -0.54 0.00	36.50 -0.54 0.00	34.99 -0.37 0.00
HARDSCRABBLE_WT_PWR 323673	30.06 -0.32 0.00	31.69 -0.45 0.00	31.51 -0.47 0.00	29.74 -0.31 0.00	29.53 -0.25 0.00	35.16 -0.19 0.48	62.43 -0.44 5.64	118.09 -0.58 8.90	57.30 -0.32 3.89	38.52 -0.11 0.98	32.99 -0.24 0.00	27.37 -0.39 0.00	26.74 -0.63 0.00	25.49 -0.80 0.00	23.87 -0.75 0.00	20.75 -0.59 0.00	22.13 -0.54 0.00	28.08 -0.40 0.00	35.39 -0.13 0.00	44.66 0.31 0.00	38.83 0.20 0.00	36.40 0.43 0.00	37.44 0.40 0.00	35.59 0.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.31 0.93 0.00	33.09 0.94 0.00	32.95 0.98 0.00	31.09 1.03 0.00	30.83 1.06 0.00	36.81 1.39 0.41	66.45 2.71 4.78	125.22 5.17 7.53	60.80 2.58 3.29	40.47 1.70 0.82	34.62 1.38 0.00	28.91 1.14 0.00	28.44 1.08 0.00	27.40 1.11 0.00	25.71 1.09 0.00	22.35 1.01 0.00	23.80 1.13 0.00	29.89 1.40 0.00	37.16 1.63 0.00	46.69 2.34 0.00	40.49 1.86 0.00	37.61 1.64 0.00	38.64 1.60 0.00	36.72 1.37 0.00
HARSNRAD_115KV_TB1 81005	28.81 -1.56 0.00	30.61 -1.54 0.00	30.12 -1.86 0.00	28.22 -1.83 0.00	28.07 -1.71 0.00	33.21 -1.56 1.06	52.93 -3.20 12.38	102.01 -6.05 19.52	49.95 -3.03 8.52	35.32 -2.15 2.14	31.65 -1.59 0.00	26.27 -1.49 0.00	25.59 -1.77 0.00	24.10 -2.19 0.00	22.52 -2.11 0.00	19.44 -1.90 0.00	20.54 -2.13 0.00	25.85 -2.64 0.00	32.53 -3.00 0.00	40.36 -3.99 0.00	34.85 -3.78 0.00	32.27 -3.70 0.00	29.03 -3.67 4.34	24.89 -3.36 7.10
HARZA MOOSE___RIVER 24016	29.97 -0.41 0.00	31.65 -0.49 0.00	31.55 -0.43 0.00	31.23 -0.33 -1.51	31.08 -0.20 -1.50	36.68 0.31 -0.92	63.66 0.76 5.17	119.09 0.76 9.25	57.35 -0.11 4.05	38.03 -0.57 1.01	32.41 -0.83 0.00	26.95 -0.81 0.00	26.56 -0.80 0.00	25.55 -0.75 0.00	23.90 -0.84 -0.12	21.21 -0.75 -0.61	22.08 -0.69 -0.09	28.03 -0.45 0.00	35.52 0.00 0.00	44.99 0.65 0.00	39.10 0.47 0.00	36.31 0.34 0.00	37.33 0.29 0.00	35.69 0.34 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.87 -0.50 0.00	31.58 -0.57 0.00	31.38 -0.60 0.00	29.51 -0.55 0.00	29.20 -0.58 0.00	34.37 -0.62 0.84	57.68 -0.94 9.89	110.31 -1.67 15.59	53.73 -0.97 6.81	37.10 -0.79 1.71	32.56 -0.67 0.00	27.21 -0.55 0.00	26.85 -0.51 0.00	25.75 -0.55 0.00	24.11 -0.51 0.00	20.89 -0.46 0.00	22.17 -0.50 0.00	27.88 -0.60 0.00	34.84 -0.68 0.00	43.56 -0.79 0.00	37.79 -0.84 0.00	35.28 -0.69 0.00	36.28 -0.76 0.00	34.63 -0.73 0.00
HELLGATE_13_KV_LD 55870	32.77 1.25 -1.14	33.39 1.24 -0.01	33.33 1.35 -0.01	31.47 1.40 -0.01	31.24 1.45 -0.01	37.25 1.82 0.40	67.11 3.34 4.75	126.61 6.52 7.48	61.71 3.47 3.27	41.78 2.40 0.23	43.11 2.08 -7.79	37.71 1.76 -8.18	41.46 1.67 -12.43	41.86 1.68 -13.89	46.23 1.63 -19.98	38.78 1.47 -15.96	33.52 1.60 -9.25	45.61 1.87 -15.25	39.97 2.09 -2.36	48.05 2.92 -0.78	43.98 2.34 -3.01	40.18 2.10 -2.12	39.08 2.04 0.00	37.23 1.79 -0.08
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.77 1.25 -1.14	33.39 1.24 -0.01	33.33 1.35 -0.01	31.47 1.40 -0.01	31.24 1.45 -0.01	37.25 1.82 0.40	67.11 3.34 4.75	126.61 6.52 7.48	61.71 3.47 3.27	41.78 2.40 0.23	43.11 2.08 -7.79	37.71 1.76 -8.18	41.46 1.67 -12.43	41.86 1.68 -13.89	46.23 1.63 -19.98	38.78 1.47 -15.96	33.52 1.60 -9.25	45.61 1.87 -15.25	39.97 2.09 -2.36	48.05 2.92 -0.78	43.98 2.34 -3.01	40.18 2.10 -2.12	39.08 2.04 0.00	37.23 1.79 -0.08
HEMPSTEAD____ 23647	49.59 1.10 -18.12	33.19 1.05 0.00	33.13 1.15 0.00	31.23 1.18 0.00	31.04 1.26 0.00	36.75 1.51 0.60	64.39 2.73 6.85	124.88 4.79 7.48	60.98 2.74 3.27	40.80 2.01 0.82	35.54 1.87 -0.44	29.29 1.53 0.00	28.84 1.49 0.00	27.75 1.46 0.00	26.07 1.45 0.00	22.65 1.31 0.00	24.11 1.44 0.00	30.16 1.68 0.00	37.06 1.77 0.24	47.01 2.66 0.00	40.75 2.12 0.00	37.99 2.02 0.00	39.02 1.98 0.00	37.09 1.74 0.00
HEWLETT_69_KV_BK3 55828	97.58 1.44 -65.77	33.53 1.39 0.00	33.45 1.47 0.00	31.54 1.49 0.00	31.34 1.57 0.00	37.29 1.92 0.45	66.75 3.53 5.29	126.41 6.32 7.48	61.68 3.43 3.27	41.27 2.48 0.82	36.86 2.22 -1.40	29.58 1.82 0.00	29.12 1.76 0.00	28.01 1.72 0.00	26.30 1.68 0.00	22.86 1.52 0.00	24.34 1.67 0.00	30.45 1.96 0.00	37.62 2.16 0.06	47.46 3.11 0.00	41.15 2.52 0.00	38.33 2.37 0.00	39.38 2.34 0.00	37.41 2.06 0.00
HICKLING___1 23621	29.43 -0.95 0.00	31.17 -0.98 0.00	30.96 -1.02 0.00	29.30 -0.76 0.00	28.88 -0.90 0.00	34.18 -0.83 0.82	57.68 -1.16 9.67	110.52 -1.82 15.24	53.36 -1.49 6.66	36.62 -1.32 1.67	32.24 -0.99 0.00	26.94 -0.82 0.00	26.38 -0.98 0.00	25.30 -0.99 0.00	23.90 -0.72 0.00	20.67 -0.67 0.00	21.95 -0.72 0.00	27.70 -0.78 0.00	34.81 -0.71 0.00	43.74 -0.61 0.00	37.53 -1.10 0.00	34.77 -1.19 0.00	37.77 -1.37 -2.10	37.18 -1.61 -3.44
HICKLING___2 23622	29.43 -0.95 0.00	31.17 -0.98 0.00	30.96 -1.02 0.00	29.30 -0.76 0.00	28.88 -0.90 0.00	34.18 -0.83 0.82	57.68 -1.16 9.67	110.52 -1.82 15.24	53.36 -1.49 6.66	36.62 -1.32 1.67	32.24 -0.99 0.00	26.94 -0.82 0.00	26.38 -0.98 0.00	25.30 -0.99 0.00	23.90 -0.72 0.00	20.67 -0.67 0.00	21.95 -0.72 0.00	27.70 -0.78 0.00	34.81 -0.71 0.00	43.74 -0.61 0.00	37.53 -1.10 0.00	34.77 -1.19 0.00	37.77 -1.37 -2.10	37.18 -1.61 -3.44
HIGH FALLS___HY 23754	31.61 1.23 0.00	33.39 1.25 0.00	33.27 1.29 0.00	31.39 1.33 0.00	31.14 1.36 0.00	37.20 1.78 0.40	67.34 3.57 4.75	126.92 6.83 7.48	61.54 3.30 3.27	40.86 2.07 0.82	34.80 1.57 0.00	29.00 1.24 0.00	28.53 1.17 0.00	27.46 1.17 0.00	25.76 1.14 0.00	22.38 1.04 0.00	23.85 1.18 0.00	30.05 1.57 0.00	37.47 1.94 0.00	47.17 2.83 0.00	40.93 2.30 0.00	38.01 2.04 0.00	39.04 2.00 0.00	37.10 1.75 0.00
HIGH_RIVER___SOLAR 323847	31.24 0.87 0.00	33.02 0.88 0.00	32.86 0.88 0.00	30.94 0.88 0.00	30.68 0.90 0.00	36.61 1.18 0.41	66.05 2.29 4.76	124.46 4.39 7.50	60.12 1.89 3.28	39.87 1.09 0.82	33.81 0.58 0.00	27.83 0.07 0.00	27.33 -0.04 0.00	26.27 -0.03 0.00	24.58 -0.04 0.00	21.33 -0.01 0.00	22.72 0.05 0.00	28.90 0.42 0.00	36.60 1.07 0.00	46.08 1.73 0.00	40.07 1.43 0.00	37.31 1.35 0.00	38.39 1.34 0.00	36.59 1.24 0.00

HILLBURN___GT 23639	31.22 0.85 0.00	32.99 0.85 0.00	32.87 0.89 0.00	31.01 0.96 0.00	30.77 0.99 0.00	36.72 1.30 0.41	66.32 2.58 4.77	124.88 4.83 7.52	60.59 2.37 3.29	40.41 1.63 0.82	34.60 1.36 0.00	28.89 1.12 0.00	28.43 1.07 0.00	27.40 1.11 0.00	25.71 1.09 0.00	22.34 1.00 0.00	23.78 1.11 0.00	29.85 1.36 0.00	37.05 1.53 0.00	46.56 2.21 0.00	40.38 1.75 0.00	37.49 1.53 0.00	38.52 1.48 0.00	36.60 1.25 0.00
HILLSIDE_115KV_TB1 80332	29.35 -1.02 0.00	31.04 -1.10 0.00	30.84 -1.14 0.00	29.22 -0.83 0.00	28.76 -1.02 0.00	34.00 -1.02 0.81	57.37 -1.62 9.53	109.82 -2.73 15.02	53.07 -1.89 6.56	36.54 -1.42 1.64	32.21 -1.03 0.00	26.91 -0.85 0.00	26.36 -1.01 0.00	25.30 -0.99 0.00	23.92 -0.70 0.00	20.70 -0.65 0.00	21.99 -0.68 0.00	27.63 -0.85 0.00	34.56 -0.96 0.00	43.35 -1.00 0.00	37.23 -1.40 0.00	34.59 -1.37 0.00	37.42 -1.50 -1.88	36.72 -1.71 -3.08
HISHELDN_WT_PWR 323625	27.94 -2.43 0.00	29.73 -2.41 0.00	29.52 -2.46 0.00	27.80 -2.26 0.00	27.53 -2.25 0.00	32.48 -2.37 0.98	52.88 -4.19 11.44	102.33 -7.21 18.03	49.86 -3.77 7.88	34.72 -2.91 1.97	30.87 -2.37 0.00	25.73 -2.03 0.00	25.15 -2.21 0.00	23.86 -2.42 0.00	22.45 -2.17 0.00	19.37 -1.98 0.00	20.48 -2.19 0.00	26.01 -2.48 0.00	32.92 -2.61 0.00	41.24 -3.10 0.00	35.41 -3.22 0.00	32.32 -3.65 0.00	11.78 -3.77 21.49	-3.41 -3.62 35.15
HOLTSVILLE_IC_1 23690	34.82 0.90 -3.55	32.98 0.84 0.00	33.00 1.02 0.00	31.09 1.04 0.00	30.93 1.15 0.00	36.39 1.33 0.77	61.98 2.16 8.69	124.09 4.00 7.48	60.49 2.25 3.27	40.59 1.81 0.82	34.99 1.66 -0.09	29.06 1.30 0.00	28.68 1.32 0.00	27.57 1.28 0.00	25.94 1.32 0.00	22.53 1.19 0.00	23.99 1.32 0.00	30.01 1.52 0.00	36.52 1.44 0.45	46.74 2.39 0.00	40.53 1.90 0.00	37.89 1.92 0.00	39.02 1.97 0.00	37.01 1.66 0.00
HOLTSVILLE_IC_10 23699	35.22 1.01 -3.83	33.09 0.94 0.00	33.09 1.12 0.00	31.19 1.13 0.00	31.03 1.24 0.00	36.53 1.46 0.76	62.31 2.46 8.66	124.65 4.56 7.48	60.77 2.53 3.27	40.76 1.98 0.82	35.11 1.78 -0.10	29.14 1.38 0.00	28.76 1.40 0.00	27.64 1.35 0.00	26.02 1.40 0.00	22.60 1.25 0.00	24.08 1.41 0.00	30.13 1.65 0.00	36.70 1.61 0.44	46.96 2.62 0.00	40.72 2.10 0.00	38.07 2.10 0.00	39.20 2.16 0.00	37.18 1.82 0.00
HOLTSVILLE_IC_2 23691	34.82 0.90 -3.55	32.98 0.84 0.00	33.00 1.02 0.00	31.09 1.04 0.00	30.93 1.15 0.00	36.39 1.33 0.77	61.98 2.16 8.69	124.09 4.00 7.48	60.49 2.25 3.27	40.59 1.81 0.82	34.99 1.66 -0.09	29.06 1.30 0.00	28.68 1.32 0.00	27.57 1.28 0.00	25.94 1.32 0.00	22.53 1.19 0.00	23.99 1.32 0.00	30.01 1.52 0.00	36.52 1.44 0.45	46.74 2.39 0.00	40.53 1.90 0.00	37.89 1.92 0.00	39.02 1.97 0.00	37.01 1.66 0.00
HOLTSVILLE_IC_3 23692	34.82 0.90 -3.55	32.98 0.84 0.00	33.00 1.02 0.00	31.09 1.04 0.00	30.93 1.15 0.00	36.39 1.33 0.77	61.98 2.16 8.69	124.09 4.00 7.48	60.49 2.25 3.27	40.59 1.81 0.82	34.99 1.66 -0.09	29.06 1.30 0.00	28.68 1.32 0.00	27.57 1.28 0.00	25.94 1.32 0.00	22.53 1.19 0.00	23.99 1.32 0.00	30.01 1.52 0.00	36.52 1.44 0.45	46.74 2.39 0.00	40.53 1.90 0.00	37.89 1.92 0.00	39.02 1.97 0.00	37.01 1.66 0.00
HOLTSVILLE_IC_4 23693	34.82 0.90 -3.55	32.98 0.84 0.00	33.00 1.02 0.00	31.09 1.04 0.00	30.93 1.15 0.00	36.39 1.33 0.77	61.98 2.16 8.69	124.09 4.00 7.48	60.49 2.25 3.27	40.59 1.81 0.82	34.99 1.66 -0.09	29.06 1.30 0.00	28.68 1.32 0.00	27.57 1.28 0.00	25.94 1.32 0.00	22.53 1.19 0.00	23.99 1.32 0.00	30.01 1.52 0.00	36.52 1.44 0.45	46.74 2.39 0.00	40.53 1.90 0.00	37.89 1.92 0.00	39.02 1.97 0.00	37.01 1.66 0.00
HOLTSVILLE_IC_5 23694	34.82 0.90 -3.55	32.98 0.84 0.00	33.00 1.02 0.00	31.09 1.04 0.00	30.93 1.15 0.00	36.39 1.33 0.77	61.98 2.16 8.69	124.09 4.00 7.48	60.49 2.25 3.27	40.59 1.81 0.82	34.99 1.66 -0.09	29.06 1.30 0.00	28.68 1.32 0.00	27.57 1.28 0.00	25.94 1.32 0.00	22.53 1.19 0.00	23.99 1.32 0.00	30.01 1.52 0.00	36.52 1.44 0.45	46.74 2.39 0.00	40.53 1.90 0.00	37.89 1.92 0.00	39.02 1.97 0.00	37.01 1.66 0.00
HOLTSVILLE_IC_6 23695	35.22 1.01 -3.83	33.09 0.94 0.00	33.09 1.12 0.00	31.19 1.13 0.00	31.03 1.24 0.00	36.53 1.46 0.76	62.31 2.46 8.66	124.65 4.56 7.48	60.77 2.53 3.27	40.76 1.98 0.82	35.11 1.78 -0.10	29.14 1.38 0.00	28.76 1.40 0.00	27.64 1.35 0.00	26.02 1.40 0.00	22.60 1.25 0.00	24.08 1.41 0.00	30.13 1.65 0.00	36.70 1.61 0.44	46.96 2.62 0.00	40.72 2.10 0.00	38.07 2.10 0.00	39.20 2.16 0.00	37.18 1.82 0.00
HOLTSVILLE_IC_7 23696	35.22 1.01 -3.83	33.09 0.94 0.00	33.09 1.12 0.00	31.19 1.13 0.00	31.03 1.24 0.00	36.53 1.46 0.76	62.31 2.46 8.66	124.65 4.56 7.48	60.77 2.53 3.27	40.76 1.98 0.82	35.11 1.78 -0.10	29.14 1.38 0.00	28.76 1.40 0.00	27.64 1.35 0.00	26.02 1.40 0.00	22.60 1.25 0.00	24.08 1.41 0.00	30.13 1.65 0.00	36.70 1.61 0.44	46.96 2.62 0.00	40.72 2.10 0.00	38.07 2.10 0.00	39.20 2.16 0.00	37.18 1.82 0.00
HOLTSVILLE_IC_8 23697	35.22 1.01 -3.83	33.09 0.94 0.00	33.09 1.12 0.00	31.19 1.13 0.00	31.03 1.24 0.00	36.53 1.46 0.76	62.31 2.46 8.66	124.65 4.56 7.48	60.77 2.53 3.27	40.76 1.98 0.82	35.11 1.78 -0.10	29.14 1.38 0.00	28.76 1.40 0.00	27.64 1.35 0.00	26.02 1.40 0.00	22.60 1.25 0.00	24.08 1.41 0.00	30.13 1.65 0.00	36.70 1.61 0.44	46.96 2.62 0.00	40.72 2.10 0.00	38.07 2.10 0.00	39.20 2.16 0.00	37.18 1.82 0.00
HOLTSVILLE_IC_9 23698	35.22 1.01 -3.83	33.09 0.94 0.00	33.09 1.12 0.00	31.19 1.13 0.00	31.03 1.24 0.00	36.53 1.46 0.76	62.31 2.46 8.66	124.65 4.56 7.48	60.77 2.53 3.27	40.76 1.98 0.82	35.11 1.78 -0.10	29.14 1.38 0.00	28.76 1.40 0.00	27.64 1.35 0.00	26.02 1.40 0.00	22.60 1.25 0.00	24.08 1.41 0.00	30.13 1.65 0.00	36.70 1.61 0.44	46.96 2.62 0.00	40.72 2.10 0.00	38.07 2.10 0.00	39.20 2.16 0.00	37.18 1.82 0.00
HOMER_HL_115KV_TB2 355744	29.94 -0.44 0.00	31.92 -0.23 0.00	31.56 -0.42 0.00	29.83 -0.22 0.00	29.31 -0.47 0.00	34.49 -0.36 0.97	56.40 -0.70 11.42	108.59 -1.00 17.99	52.70 -0.96 7.86	37.09 -0.55 1.97	33.19 -0.04 0.00	27.61 -0.15 0.00	26.94 -0.42 0.00	25.66 -0.63 0.00	24.14 -0.48 0.00	20.85 -0.49 0.00	22.02 -0.65 0.00	27.59 -0.89 0.00	34.40 -1.13 0.00	42.94 -1.40 0.00	36.85 -1.78 0.00	34.15 -1.81 0.00	35.21 -1.83 0.00	33.36 -1.99 0.00
HOWARD_WT_PWR 323690	27.43 -2.95 0.00	29.37 -2.78 0.00	29.21 -2.77 0.00	27.63 -2.42 0.00	27.38 -2.40 0.00	32.08 -2.85 0.90	52.79 -5.19 10.54	102.18 -8.79 16.61	49.33 -4.92 7.25	34.09 -3.69 1.82	30.34 -2.89 0.00	25.50 -2.26 0.00	25.18 -2.18 0.00	24.03 -2.26 0.00	22.77 -1.85 0.00	19.66 -1.69 0.00	20.77 -1.90 0.00	26.58 -1.91 0.00	33.90 -1.63 0.00	43.04 -1.31 0.00	36.64 -1.99 0.00	33.38 -2.58 0.00	47.79 -2.94 -13.69	54.41 -3.33 -22.39

HQ_GEN_CEDARS 23644	30.57 0.19 0.00	32.46 0.32 0.00	32.29 0.31 0.00	32.63 0.09 -2.49	32.34 0.09 -2.48	37.88 -0.09 -2.13	67.86 -0.05 0.60	124.98 0.01 2.61	60.33 -0.06 1.12	39.11 -0.20 0.29	33.04 -0.20 0.00	27.59 -0.17 0.00	27.14 -0.22 0.00	26.11 -0.18 0.00	24.64 -0.18 -0.20	22.14 -0.22 -1.01	22.55 -0.25 -0.13	28.23 -0.26 0.00	35.39 -0.14 0.00	44.16 -0.19 0.00	38.82 0.19 0.00	36.06 0.10 0.00	37.28 0.24 0.00	35.74 0.38 0.00
HQ_GEN_CEDARS_PROXY 323590	30.57 0.19 0.00	32.46 0.32 0.00	32.29 0.31 0.00	32.63 0.09 -2.49	32.34 0.09 -2.48	37.88 -0.08 -2.13	67.86 -0.05 0.60	123.59 -0.82 3.17	59.10 -0.85 1.55	39.11 -0.20 0.29	33.04 -0.19 0.00	27.59 -0.17 0.00	27.14 -0.22 0.00	26.11 -0.18 0.00	24.64 -0.18 -0.20	22.14 -0.22 -1.01	22.55 -0.25 -0.13	28.23 -0.26 0.00	35.39 -0.14 0.00	44.16 -0.19 0.00	38.82 0.19 0.00	36.06 0.10 0.00	37.28 0.24 0.00	35.74 0.38 0.00
HQ_GEN_IMPORT 323601	30.52 0.15 0.00	32.38 0.24 0.00	32.19 0.21 0.00	30.13 0.08 0.00	29.85 0.08 0.00	35.73 -0.02 0.08	67.67 -0.02 0.82	105.76 -0.04 21.77	60.95 0.00 0.56	37.09 -0.03 2.49	33.22 -0.01 0.00	27.76 -0.01 0.00	27.34 -0.03 0.00	26.28 -0.01 0.00	24.61 -0.01 0.00	21.30 -0.04 0.00	22.61 -0.06 0.00	28.43 -0.06 0.00	35.49 -0.03 0.00	44.15 -0.20 0.00	38.72 0.09 0.00	36.02 0.06 0.00	37.19 0.15 0.00	35.58 0.22 0.00
HQ_GEN_WHEEL 23651	30.52 0.15 0.00	32.38 0.24 0.00	32.19 0.21 0.00	30.13 0.08 0.00	29.85 0.08 0.00	35.73 -0.02 0.08	67.67 -0.02 0.82	105.76 -0.04 21.77	60.95 0.00 0.56	37.09 -0.03 2.49	33.22 -0.01 0.00	27.76 -0.01 0.00	27.34 -0.03 0.00	26.28 -0.01 0.00	24.61 -0.01 0.00	21.30 -0.04 0.00	22.61 -0.06 0.00	28.43 -0.06 0.00	35.49 -0.03 0.00	44.15 -0.20 0.00	38.72 0.09 0.00	36.02 0.06 0.00	37.19 0.15 0.00	35.58 0.22 0.00
HUDSON_AVE_GT_3 23810	31.55 1.17 0.00	33.29 1.14 0.00	33.22 1.25 0.00	31.37 1.31 0.00	31.13 1.35 0.00	37.15 1.72 0.40	66.98 3.21 4.75	126.34 6.24 7.48	61.52 3.28 3.27	41.06 2.28 0.82	35.21 1.97 0.00	29.44 1.68 0.00	28.96 1.60 0.00	27.90 1.61 0.00	26.20 1.58 0.00	22.76 1.42 0.00	24.21 1.54 0.00	30.29 1.80 0.00	37.51 1.99 0.00	47.15 2.80 0.00	40.87 2.24 0.00	37.94 1.98 0.00	38.95 1.92 0.00	37.04 1.69 0.00
HUDSON_AVE_GT_4 23540	31.55 1.17 0.00	33.29 1.14 0.00	33.22 1.25 0.00	31.37 1.31 0.00	31.13 1.35 0.00	37.15 1.72 0.40	66.98 3.21 4.75	126.34 6.24 7.48	61.52 3.28 3.27	41.06 2.28 0.82	35.21 1.97 0.00	29.44 1.68 0.00	28.96 1.60 0.00	27.90 1.61 0.00	26.20 1.58 0.00	22.76 1.42 0.00	24.21 1.54 0.00	30.29 1.80 0.00	37.51 1.99 0.00	47.15 2.80 0.00	40.87 2.24 0.00	37.94 1.98 0.00	38.95 1.92 0.00	37.04 1.69 0.00
HUDSON_AVE_GT_5 23657	31.55 1.17 0.00	33.29 1.14 0.00	33.22 1.25 0.00	31.37 1.31 0.00	31.13 1.35 0.00	37.15 1.72 0.40	66.98 3.21 4.75	126.34 6.24 7.48	61.52 3.28 3.27	41.06 2.28 0.82	35.21 1.97 0.00	29.44 1.68 0.00	28.96 1.60 0.00	27.90 1.61 0.00	26.20 1.58 0.00	22.76 1.42 0.00	24.21 1.54 0.00	30.29 1.80 0.00	37.51 1.99 0.00	47.15 2.80 0.00	40.87 2.24 0.00	37.94 1.98 0.00	38.95 1.92 0.00	37.04 1.69 0.00
HUDSON_AVE_10 24168	31.40 1.03 0.00	33.12 0.97 0.00	33.05 1.08 0.00	31.21 1.16 0.00	30.97 1.19 0.00	36.96 1.53 0.40	66.57 2.81 4.75	125.58 5.48 7.48	61.20 2.96 3.27	40.85 2.07 0.82	35.04 1.81 0.00	29.31 1.55 0.00	28.82 1.46 0.00	27.77 1.47 0.00	26.07 1.45 0.00	22.64 1.30 0.00	24.09 1.42 0.00	30.14 1.65 0.00	37.32 1.80 0.00	46.92 2.57 0.00	40.68 2.05 0.00	37.76 1.79 0.00	38.79 1.75 0.00	36.89 1.53 0.00
HUDSON___115KV_TB 4 355613	31.33 0.95 0.00	33.11 0.96 0.00	32.92 0.94 0.00	31.05 1.00 0.00	30.84 1.07 0.00	36.78 1.35 0.39	66.38 2.47 4.60	124.97 4.65 7.26	60.74 2.40 3.17	40.33 1.52 0.79	34.41 1.17 0.00	28.68 0.91 0.00	28.16 0.80 0.00	27.05 0.76 0.00	25.30 0.68 0.00	21.97 0.63 0.00	23.37 0.70 0.00	29.41 0.93 0.00	36.88 1.35 0.00	46.31 1.96 0.00	40.26 1.63 0.00	37.56 1.60 0.00	38.58 1.55 0.00	36.75 1.39 0.00
HUNTER MOUNT___DRP 323613	31.47 1.10 0.00	33.25 1.11 0.00	33.07 1.09 0.00	31.19 1.14 0.00	31.00 1.21 0.00	36.99 1.56 0.40	66.80 2.91 4.62	125.76 5.47 7.29	61.15 2.82 3.18	40.55 1.74 0.80	34.55 1.32 0.00	28.77 1.00 0.00	28.24 0.88 0.00	27.12 0.83 0.00	25.37 0.75 0.00	22.03 0.68 0.00	23.44 0.77 0.00	29.57 1.08 0.00	37.10 1.57 0.00	46.59 2.24 0.00	40.51 1.89 0.00	37.80 1.84 0.00	38.83 1.79 0.00	36.98 1.62 0.00
HUNTINGTON_RES_REC 323705	35.25 1.04 -3.84	33.12 0.98 0.00	33.09 1.11 0.00	31.19 1.13 0.00	31.02 1.23 0.00	36.52 1.45 0.76	62.23 2.36 8.65	124.40 4.31 7.48	60.71 2.47 3.27	40.68 1.90 0.82	35.14 1.80 -0.10	29.17 1.41 0.00	28.75 1.40 0.00	27.65 1.35 0.00	25.97 1.34 0.00	22.58 1.24 0.00	24.04 1.37 0.00	30.06 1.57 0.00	36.64 1.56 0.44	46.87 2.52 0.00	40.65 2.02 0.00	38.00 2.03 0.00	39.10 2.06 0.00	37.12 1.76 0.00
HUNTLEY___63 23557	29.19 -1.18 0.00	31.00 -1.15 0.00	30.47 -1.51 0.00	28.56 -1.50 0.00	28.39 -1.39 0.00	33.63 -1.15 1.05	53.80 -2.40 12.31	103.60 -4.57 19.41	50.78 -2.26 8.47	35.88 -1.60 2.12	32.13 -1.10 0.00	26.68 -1.09 0.00	25.98 -1.38 0.00	24.47 -1.82 0.00	22.86 -1.77 0.00	19.73 -1.61 0.00	20.85 -1.82 0.00	26.23 -2.26 0.00	32.96 -2.57 0.00	40.85 -3.50 0.00	35.27 -3.36 0.00	32.68 -3.28 0.00	30.55 -3.25 3.24	27.07 -2.99 5.29
HUNTLEY___64 23558	29.19 -1.18 0.00	31.00 -1.15 0.00	30.47 -1.51 0.00	28.56 -1.50 0.00	28.39 -1.39 0.00	33.63 -1.15 1.05	53.80 -2.40 12.31	103.60 -4.57 19.41	50.78 -2.26 8.47	35.88 -1.60 2.12	32.13 -1.10 0.00	26.68 -1.09 0.00	25.98 -1.38 0.00	24.47 -1.82 0.00	22.86 -1.77 0.00	19.73 -1.61 0.00	20.85 -1.82 0.00	26.23 -2.26 0.00	32.96 -2.57 0.00	40.85 -3.50 0.00	35.27 -3.36 0.00	32.68 -3.28 0.00	30.55 -3.25 3.24	27.07 -2.99 5.29
HUNTLEY___65 23559	29.19 -1.18 0.00	31.00 -1.15 0.00	30.47 -1.51 0.00	28.56 -1.50 0.00	28.39 -1.39 0.00	33.63 -1.15 1.05	53.80 -2.40 12.31	103.60 -4.57 19.41	50.78 -2.26 8.47	35.88 -1.60 2.12	32.13 -1.10 0.00	26.68 -1.09 0.00	25.98 -1.38 0.00	24.47 -1.82 0.00	22.86 -1.77 0.00	19.73 -1.61 0.00	20.85 -1.82 0.00	26.23 -2.26 0.00	32.96 -2.57 0.00	40.85 -3.50 0.00	35.27 -3.36 0.00	32.68 -3.28 0.00	30.55 -3.25 3.24	27.07 -2.99 5.29
HUNTLEY___66 23560	29.19 -1.18 0.00	31.00 -1.15 0.00	30.47 -1.51 0.00	28.56 -1.50 0.00	28.39 -1.39 0.00	33.63 -1.15 1.05	53.80 -2.40 12.31	103.60 -4.57 19.41	50.78 -2.26 8.47	35.88 -1.60 2.12	32.13 -1.10 0.00	26.68 -1.09 0.00	25.98 -1.38 0.00	24.47 -1.82 0.00	22.86 -1.77 0.00	19.73 -1.61 0.00	20.85 -1.82 0.00	26.23 -2.26 0.00	32.96 -2.57 0.00	40.85 -3.50 0.00	35.27 -3.36 0.00	32.68 -3.28 0.00	30.55 -3.25 3.24	27.07 -2.99 5.29



HUNTLEY___67 23561	29.10 -1.28 0.00	30.92 -1.23 0.00	30.40 -1.57 0.00	28.52 -1.53 0.00	28.33 -1.45 0.00	33.55 -1.23 1.05	53.75 -2.48 12.29	103.50 -4.70 19.37	50.68 -2.37 8.46	35.85 -1.63 2.12	32.09 -1.14 0.00	26.65 -1.11 0.00	25.96 -1.40 0.00	24.46 -1.83 0.00	22.86 -1.76 0.00	19.75 -1.60 0.00	20.87 -1.80 0.00	26.23 -2.26 0.00	32.90 -2.63 0.00	40.75 -3.60 0.00	35.14 -3.49 0.00	32.58 -3.39 0.00	30.61 -3.33 3.10	27.24 -3.05 5.06
HUNTLEY___68 23562	29.10 -1.28 0.00	30.92 -1.23 0.00	30.40 -1.57 0.00	28.52 -1.53 0.00	28.33 -1.45 0.00	33.55 -1.23 1.05	53.75 -2.48 12.29	103.50 -4.70 19.37	50.68 -2.37 8.46	35.85 -1.63 2.12	32.09 -1.14 0.00	26.65 -1.11 0.00	25.96 -1.40 0.00	24.46 -1.83 0.00	22.86 -1.76 0.00	19.75 -1.60 0.00	20.87 -1.80 0.00	26.23 -2.26 0.00	32.90 -2.63 0.00	40.75 -3.60 0.00	35.14 -3.49 0.00	32.58 -3.39 0.00	30.61 -3.33 3.10	27.24 -3.05 5.06
HYLAND___LFGE 323620	30.11 -0.27 0.00	31.97 -0.17 0.00	31.70 -0.28 0.00	29.83 -0.23 0.00	29.61 -0.17 0.00	35.09 0.25 0.99	58.11 1.18 11.58	112.22 2.90 18.25	53.63 0.09 7.97	36.15 -1.46 2.00	31.99 -1.24 0.00	26.68 -1.08 0.00	26.12 -1.24 0.00	24.79 -1.51 0.00	23.26 -1.36 0.00	20.09 -1.25 0.00	21.25 -1.42 0.00	26.99 -1.49 0.00	34.35 -1.18 0.00	44.35 0.00 0.00	38.40 -0.22 0.00	35.44 -0.52 0.00	51.32 -0.64 -14.92	58.92 -0.84 -24.40
INDECK___CORINTH 23802	31.03 0.65 0.00	32.83 0.69 0.00	32.62 0.65 0.00	30.77 0.71 0.00	30.59 0.82 0.00	36.59 1.15 0.40	65.89 2.02 4.64	123.66 3.40 7.32	60.20 1.89 3.19	40.08 1.28 0.80	34.10 0.86 0.00	28.40 0.64 0.00	27.83 0.47 0.00	26.65 0.36 0.00	24.91 0.29 0.00	21.61 0.26 0.00	23.08 0.41 0.00	29.13 0.64 0.00	36.37 0.84 0.00	45.53 1.19 0.00	39.71 1.08 0.00	37.88 1.92 0.00	39.08 2.04 0.00	37.15 1.80 0.00
INDECK___ILION 23567	30.25 -0.13 0.00	31.94 -0.21 0.00	31.76 -0.21 0.00	29.96 -0.10 0.00	29.73 -0.05 0.00	35.36 0.01 0.48	62.86 -0.01 5.64	118.79 0.11 8.90	57.65 0.04 3.89	38.72 0.09 0.98	33.21 -0.02 0.00	27.64 -0.12 0.00	27.12 -0.24 0.00	26.02 -0.27 0.00	24.37 -0.26 0.00	21.16 -0.18 0.00	22.53 -0.14 0.00	28.47 -0.02 0.00	35.67 0.14 0.00	44.79 0.44 0.00	38.91 0.28 0.00	36.32 0.36 0.00	37.36 0.31 0.00	35.56 0.20 0.00
INDECK___OLEAN 23982	29.94 -0.44 0.00	31.92 -0.23 0.00	31.56 -0.42 0.00	29.84 -0.22 0.00	29.31 -0.47 0.00	34.49 -0.36 0.97	56.42 -0.69 11.42	108.62 -0.96 17.99	52.71 -0.94 7.86	37.11 -0.52 1.97	33.19 -0.04 0.00	27.62 -0.15 0.00	26.94 -0.42 0.00	25.67 -0.63 0.00	24.14 -0.49 0.00	20.85 -0.49 0.00	22.02 -0.65 0.00	27.59 -0.89 0.00	34.41 -1.11 0.00	42.95 -1.40 0.00	36.85 -1.78 0.00	34.15 -1.81 0.00	35.25 -1.79 0.00	33.42 -1.94 0.00
INDECK___OSWEGO 23783	29.61 -0.76 0.00	31.31 -0.84 0.00	31.13 -0.85 0.00	29.27 -0.78 0.00	28.95 -0.83 0.00	34.75 -0.94 0.14	65.25 -1.59 1.67	121.98 -2.95 2.65	58.75 -1.60 1.16	38.10 -1.21 0.29	32.19 -1.04 0.00	26.91 -0.85 0.00	26.55 -0.81 0.00	25.47 -0.83 0.00	23.84 -0.78 0.00	20.66 -0.69 0.00	21.94 -0.73 0.00	27.59 -0.90 0.00	34.47 -1.06 0.00	43.14 -1.21 0.00	37.43 -1.20 0.00	34.90 -1.06 0.00	35.90 -1.14 0.00	34.31 -1.05 0.00
INDECK___YERKES 23781	29.22 -1.15 0.00	31.03 -1.11 0.00	30.50 -1.48 0.00	28.58 -1.47 0.00	28.42 -1.36 0.00	33.67 -1.11 1.05	53.88 -2.32 12.31	103.76 -4.41 19.41	50.88 -2.16 8.47	35.96 -1.52 2.12	32.17 -1.07 0.00	26.70 -1.06 0.00	26.01 -1.35 0.00	24.51 -1.79 0.00	22.88 -1.74 0.00	19.75 -1.59 0.00	20.87 -1.80 0.00	26.26 -2.23 0.00	33.01 -2.52 0.00	40.90 -3.45 0.00	35.31 -3.32 0.00	32.72 -3.25 0.00	30.63 -3.17 3.24	27.18 -2.89 5.29
INDIAN POINT_GT_1 24139	31.23 0.86 0.00	32.99 0.85 0.00	32.88 0.90 0.00	31.03 0.97 0.00	30.79 1.00 0.00	36.70 1.28 0.41	66.23 2.48 4.76	124.85 4.77 7.50	60.67 2.44 3.27	40.44 1.66 0.82	34.62 1.39 0.00	28.93 1.17 0.00	28.47 1.11 0.00	27.43 1.14 0.00	25.75 1.13 0.00	22.37 1.03 0.00	23.81 1.14 0.00	29.85 1.36 0.00	37.04 1.51 0.00	46.55 2.20 0.00	40.38 1.74 0.00	37.52 1.55 0.00	38.55 1.50 0.00	36.65 1.30 0.00
INDIAN POINT_GT_2 23659	31.23 0.86 0.00	32.99 0.85 0.00	32.88 0.90 0.00	31.03 0.97 0.00	30.79 1.00 0.00	36.70 1.28 0.41	66.23 2.48 4.76	124.85 4.77 7.50	60.67 2.44 3.27	40.44 1.66 0.82	34.62 1.39 0.00	28.93 1.17 0.00	28.47 1.11 0.00	27.43 1.14 0.00	25.75 1.13 0.00	22.37 1.03 0.00	23.81 1.14 0.00	29.85 1.36 0.00	37.04 1.51 0.00	46.55 2.20 0.00	40.38 1.74 0.00	37.52 1.55 0.00	38.55 1.50 0.00	36.65 1.30 0.00
INDIAN POINT_GT_3 24019	31.23 0.86 0.00	32.99 0.85 0.00	32.88 0.90 0.00	31.03 0.97 0.00	30.79 1.00 0.00	36.70 1.28 0.41	66.23 2.48 4.76	124.85 4.77 7.50	60.67 2.44 3.27	40.44 1.66 0.82	34.62 1.39 0.00	28.93 1.17 0.00	28.47 1.11 0.00	27.43 1.14 0.00	25.75 1.13 0.00	22.37 1.03 0.00	23.81 1.14 0.00	29.85 1.36 0.00	37.04 1.51 0.00	46.55 2.20 0.00	40.38 1.74 0.00	37.52 1.55 0.00	38.55 1.50 0.00	36.65 1.30 0.00
INDIAN POINT___2 23530	31.13 0.76 0.00	32.90 0.76 0.00	32.79 0.81 0.00	30.94 0.89 0.00	30.70 0.92 0.00	36.59 1.17 0.41	66.06 2.31 4.77	124.47 4.41 7.52	60.46 2.23 3.28	40.26 1.47 0.82	34.46 1.23 0.00	28.79 1.02 0.00	28.33 0.97 0.00	27.30 1.01 0.00	25.63 1.01 0.00	22.27 0.93 0.00	23.70 1.03 0.00	29.73 1.25 0.00	36.91 1.38 0.00	46.39 2.04 0.00	40.23 1.60 0.00	37.38 1.41 0.00	38.40 1.36 0.00	36.51 1.15 0.00
INDIAN POINT___3 23531	31.26 0.88 0.00	33.02 0.88 0.00	32.91 0.93 0.00	31.06 1.01 0.00	30.82 1.04 0.00	36.76 1.34 0.41	66.28 2.52 4.75	124.87 4.79 7.49	60.73 2.50 3.27	40.48 1.70 0.82	34.67 1.43 0.00	28.97 1.21 0.00	28.51 1.15 0.00	27.48 1.19 0.00	25.79 1.17 0.00	22.41 1.06 0.00	23.84 1.17 0.00	29.88 1.39 0.00	37.07 1.54 0.00	46.58 2.23 0.00	40.39 1.76 0.00	37.55 1.58 0.00	38.58 1.54 0.00	36.68 1.33 0.00
INGHAM_C_115KV_TB7 356103	29.98 -0.39 0.00	31.62 -0.53 0.00	31.43 -0.55 0.00	29.71 -0.35 0.00	29.54 -0.24 0.00	35.16 -0.19 0.48	62.42 -0.45 5.64	118.05 -0.63 8.90	57.25 -0.37 3.89	38.51 -0.12 0.98	32.93 -0.31 0.00	27.24 -0.52 0.00	26.60 -0.76 0.00	25.44 -0.85 0.00	23.83 -0.79 0.00	20.71 -0.63 0.00	22.11 -0.56 0.00	28.11 -0.38 0.00	35.45 -0.07 0.00	44.78 0.43 0.00	38.89 0.26 0.00	36.49 0.52 0.00	37.48 0.44 0.00	35.59 0.23 0.00
IP CORINTH___1 23988	31.18 0.81 0.00	33.00 0.86 0.00	32.79 0.82 0.00	30.93 0.87 0.00	30.76 0.98 0.00	36.78 1.35 0.40	66.27 2.40 4.64	124.42 4.16 7.32	60.55 2.24 3.19	40.29 1.49 0.80	34.28 1.04 0.00	28.55 0.79 0.00	27.97 0.61 0.00	26.80 0.51 0.00	25.04 0.42 0.00	21.72 0.37 0.00	23.20 0.53 0.00	29.28 0.80 0.00	36.56 1.04 0.00	45.78 1.43 0.00	39.90 1.27 0.00	37.91 1.95 0.00	39.08 2.04 0.00	37.16 1.80 0.00

IP___TICONDEROGA 23804	32.16 1.79 0.00	34.14 1.99 0.00	33.86 1.88 0.00	31.95 1.89 0.00	31.85 2.08 0.00	38.15 2.72 0.40	68.64 4.77 4.64	128.58 8.32 7.31	62.88 4.56 3.19	41.74 2.94 0.80	35.25 2.02 0.00	29.35 1.58 0.00	28.64 1.28 0.00	27.46 1.16 0.00	25.67 1.04 0.00	22.18 0.84 0.00	23.67 1.00 0.00	29.79 1.30 0.00	36.99 1.47 0.00	46.79 2.44 0.00	40.90 2.27 0.00	38.72 2.75 0.00	39.85 2.81 0.00	37.82 2.47 0.00
ISLIP_RES_REC 323679	35.56 1.16 -4.03	33.24 1.10 0.00	33.25 1.27 0.00	31.33 1.27 0.00	31.17 1.39 0.00	36.72 1.65 0.76	62.74 2.86 8.64	125.47 5.37 7.48	61.15 2.91 3.27	40.97 2.19 0.82	35.29 1.95 -0.10	29.28 1.51 0.00	28.88 1.52 0.00	27.76 1.46 0.00	26.13 1.51 0.00	22.69 1.35 0.00	24.19 1.52 0.00	30.29 1.81 0.00	36.91 1.82 0.44	47.25 2.90 0.00	40.96 2.33 0.00	38.28 2.32 0.00	39.42 2.38 0.00	37.37 2.01 0.00
JAMAICA__27_KV_LOAD 355505	31.48 1.11 0.00	33.15 1.01 0.00	33.07 1.10 0.00	31.25 1.20 0.00	30.99 1.21 0.00	37.00 1.57 0.40	66.52 2.75 4.75	125.67 5.58 7.48	61.28 3.04 3.27	40.92 2.13 0.82	35.11 1.88 0.00	29.38 1.62 0.00	28.87 1.51 0.00	27.82 1.52 0.00	26.10 1.47 0.00	22.68 1.34 0.00	24.14 1.47 0.00	30.19 1.70 0.00	37.38 1.86 0.00	46.96 2.61 0.00	40.79 2.16 0.00	37.80 1.83 0.00	38.91 1.88 0.00	37.00 1.64 0.00
JANIS___SOLAR 323808	30.51 0.14 0.00	32.14 0.00 0.00	31.85 -0.13 0.00	30.10 0.05 0.00	29.84 0.06 0.00	35.53 0.42 0.72	61.57 1.47 8.42	117.47 3.16 13.27	56.64 0.93 5.79	37.87 -0.28 1.45	32.38 -0.85 0.00	26.89 -0.87 0.00	26.48 -0.88 0.00	25.40 -0.89 0.00	23.81 -0.81 0.00	20.67 -0.67 0.00	22.13 -0.54 0.00	28.38 -0.11 0.00	36.29 0.76 0.00	46.11 1.76 0.00	40.12 1.49 0.00	37.31 1.35 0.00	39.34 1.25 -1.05	38.01 0.94 -1.72
JARVIS____ 23743	30.36 -0.01 0.00	32.09 -0.05 0.00	31.96 -0.02 0.00	30.09 0.03 0.00	29.83 0.05 0.00	35.44 0.09 0.48	63.03 0.15 5.64	118.98 0.31 8.90	57.78 0.16 3.89	38.76 0.13 0.98	33.32 0.09 0.00	27.82 0.06 0.00	27.42 0.06 0.00	26.35 0.06 0.00	24.67 0.05 0.00	21.41 0.07 0.00	22.76 0.09 0.00	28.62 0.13 0.00	35.69 0.17 0.00	44.65 0.30 0.00	38.80 0.17 0.00	36.08 0.11 0.00	37.12 0.08 0.00	35.40 0.05 0.00
JENNISON___1 23625	29.87 -0.51 0.00	31.48 -0.67 0.00	31.10 -0.88 0.00	29.41 -0.64 0.00	29.12 -0.66 0.00	34.65 -0.50 0.68	60.10 -0.39 8.02	114.54 -0.39 12.64	55.43 -0.56 5.52	37.40 -0.82 1.38	32.26 -0.98 0.00	26.82 -0.94 0.00	26.40 -0.96 0.00	25.39 -0.90 0.00	23.82 -0.80 0.00	20.71 -0.63 0.00	22.17 -0.50 0.00	28.41 -0.08 0.00	36.27 0.75 0.00	45.85 1.50 0.00	40.02 1.39 0.00	37.36 1.39 0.00	38.41 1.37 0.00	36.38 1.03 0.00
JENNISON___2 23626	29.87 -0.51 0.00	31.48 -0.67 0.00	31.10 -0.88 0.00	29.41 -0.64 0.00	29.12 -0.66 0.00	34.65 -0.50 0.68	60.10 -0.39 8.02	114.54 -0.39 12.64	55.43 -0.56 5.52	37.40 -0.82 1.38	32.26 -0.98 0.00	26.82 -0.94 0.00	26.40 -0.96 0.00	25.39 -0.90 0.00	23.82 -0.80 0.00	20.71 -0.63 0.00	22.17 -0.50 0.00	28.41 -0.08 0.00	36.27 0.75 0.00	45.85 1.50 0.00	40.02 1.39 0.00	37.36 1.39 0.00	38.41 1.37 0.00	36.38 1.03 0.00
JERICHO_RISE_WT_PWR 323719	29.82 -0.56 0.00	32.16 0.02 0.00	31.75 -0.23 0.00	-23.03 -0.88 52.21	-22.99 -0.83 51.94	-15.26 -1.19 49.91	41.36 -1.83 25.32	122.07 -3.09 2.41	59.25 -1.20 1.06	38.44 -0.90 0.26	32.43 -0.81 0.00	27.03 -0.73 0.00	26.54 -0.82 0.00	25.48 -0.82 0.00	19.58 -0.79 4.24	-0.69 -0.77 21.27	18.41 -0.80 3.47	27.67 -0.82 0.00	34.73 -0.79 0.00	43.86 -0.49 0.00	38.94 0.31 0.00	35.55 -0.41 0.00	36.51 -0.53 0.00	34.99 -0.36 0.00
KATONAH___115KV_46KV_TB4 355592	31.53 1.16 0.00	33.30 1.16 0.00	33.19 1.21 0.00	31.32 1.26 0.00	31.09 1.31 0.00	37.11 1.69 0.40	67.01 3.24 4.74	126.30 6.20 7.48	61.45 3.20 3.26	40.95 2.17 0.82	35.06 1.82 0.00	29.29 1.53 0.00	28.82 1.46 0.00	27.77 1.48 0.00	26.06 1.43 0.00	22.64 1.30 0.00	24.09 1.41 0.00	30.19 1.71 0.00	37.47 1.94 0.00	47.07 2.73 0.00	40.82 2.19 0.00	37.96 2.00 0.00	38.98 1.94 0.00	37.06 1.70 0.00
KCE_NY_1 323755	31.48 1.11 0.00	33.32 1.17 0.00	33.08 1.10 0.00	31.21 1.15 0.00	31.00 1.22 0.00	37.11 1.68 0.40	66.96 3.08 4.64	125.84 5.57 7.31	60.95 2.63 3.19	40.53 1.72 0.80	34.54 1.30 0.00	28.77 1.01 0.00	28.27 0.91 0.00	27.32 1.03 0.00	25.47 0.84 0.00	22.02 0.67 0.00	23.42 0.75 0.00	29.54 1.06 0.00	36.88 1.36 0.00	46.21 1.86 0.00	40.13 1.50 0.00	37.68 1.72 0.00	38.81 1.77 0.00	36.88 1.53 0.00
KCE_NY_6_ESR 323823	29.51 -0.87 0.00	31.35 -0.79 0.00	30.82 -1.16 0.00	28.95 -1.10 0.00	28.72 -1.06 0.00	34.08 -0.72 1.03	54.97 -1.43 12.11	105.93 -2.56 19.09	51.81 -1.36 8.33	36.53 -0.98 2.09	32.58 -0.65 0.00	27.07 -0.69 0.00	26.35 -1.01 0.00	24.84 -1.45 0.00	23.26 -1.36 0.00	20.08 -1.27 0.00	21.25 -1.42 0.00	26.72 -1.77 0.00	33.52 -2.00 0.00	41.57 -2.79 0.00	35.82 -2.82 0.00	33.18 -2.79 0.00	31.62 -2.77 2.65	28.47 -2.55 4.34
KEDC_PORT_JEFF_GT2 24210	35.14 1.01 -3.75	33.08 0.93 0.00	33.09 1.11 0.00	31.18 1.12 0.00	31.01 1.23 0.00	36.52 1.46 0.77	62.29 2.44 8.67	124.63 4.54 7.48	60.76 2.52 3.27	40.75 1.96 0.82	35.11 1.78 -0.10	29.14 1.38 0.00	28.76 1.40 0.00	27.64 1.35 0.00	26.01 1.39 0.00	22.60 1.25 0.00	24.07 1.40 0.00	30.13 1.65 0.00	36.70 1.61 0.44	46.98 2.63 0.00	40.74 2.11 0.00	38.08 2.12 0.00	39.20 2.16 0.00	37.18 1.83 0.00
KEDC_PORT_JEFF_GT3 24211	35.14 1.01 -3.75	33.08 0.93 0.00	33.09 1.11 0.00	31.18 1.12 0.00	31.01 1.23 0.00	36.52 1.46 0.77	62.29 2.44 8.67	124.63 4.54 7.48	60.76 2.52 3.27	40.75 1.96 0.82	35.11 1.78 -0.10	29.14 1.38 0.00	28.76 1.40 0.00	27.64 1.35 0.00	26.01 1.39 0.00	22.60 1.25 0.00	24.07 1.40 0.00	30.13 1.65 0.00	36.70 1.61 0.44	46.98 2.63 0.00	40.74 2.11 0.00	38.08 2.12 0.00	39.20 2.16 0.00	37.18 1.83 0.00
KEDC_GLWD_GT4 24219	47.92 1.30 -16.25	33.41 1.26 0.00	33.33 1.35 0.00	31.43 1.37 0.00	31.24 1.46 0.00	37.06 1.77 0.55	65.46 3.24 6.30	125.95 5.85 7.48	61.46 3.22 3.27	41.11 2.33 0.82	35.79 2.11 -0.44	29.51 1.74 0.00	29.04 1.68 0.00	27.94 1.65 0.00	26.24 1.62 0.00	22.80 1.46 0.00	24.27 1.60 0.00	30.36 1.88 0.00	37.38 2.03 0.17	47.32 2.98 0.00	41.01 2.39 0.00	38.22 2.26 0.00	39.26 2.22 0.00	37.31 1.95 0.00
KEDC_GLWD_GT5 24220	47.92 1.30 -16.25	33.41 1.26 0.00	33.33 1.35 0.00	31.43 1.37 0.00	31.24 1.46 0.00	37.06 1.77 0.55	65.46 3.24 6.30	125.95 5.85 7.48	61.46 3.22 3.27	41.11 2.33 0.82	35.79 2.11 -0.44	29.51 1.74 0.00	29.04 1.68 0.00	27.94 1.65 0.00	26.24 1.62 0.00	22.80 1.46 0.00	24.27 1.60 0.00	30.36 1.88 0.00	37.38 2.03 0.17	47.32 2.98 0.00	41.01 2.39 0.00	38.22 2.26 0.00	39.26 2.22 0.00	37.31 1.95 0.00

KENSICO____ 23655	31.40 1.03 0.00	33.15 1.01 0.00	33.05 1.07 0.00	31.20 1.14 0.00	30.97 1.19 0.00	36.93 1.51 0.40	66.58 2.81 4.75	125.46 5.37 7.48	61.07 2.83 3.27	40.73 1.95 0.82	34.90 1.66 0.00	29.18 1.41 0.00	28.71 1.35 0.00	27.66 1.37 0.00	25.96 1.34 0.00	22.55 1.21 0.00	24.00 1.33 0.00	30.05 1.57 0.00	37.26 1.73 0.00	46.82 2.47 0.00	40.60 1.97 0.00	37.74 1.78 0.00	38.77 1.73 0.00	36.86 1.51 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.64 1.27 0.00	33.42 1.28 0.00	33.31 1.33 0.00	31.42 1.37 0.00	31.19 1.41 0.00	37.26 1.84 0.41	67.41 3.66 4.77	127.04 6.97 7.51	61.60 3.37 3.28	40.87 2.09 0.82	34.82 1.59 0.00	29.00 1.24 0.00	28.53 1.17 0.00	27.45 1.16 0.00	25.73 1.11 0.00	22.35 1.01 0.00	23.83 1.16 0.00	30.03 1.54 0.00	37.47 1.95 0.00	47.17 2.83 0.00	40.93 2.30 0.00	38.02 2.06 0.00	39.06 2.02 0.00	37.14 1.78 0.00
KIAC_JFK_GT1 23816	31.29 0.92 0.00	32.96 0.82 0.00	32.89 0.91 0.00	31.07 1.02 0.00	30.81 1.03 0.00	36.77 1.35 0.40	66.05 2.28 4.75	124.70 4.60 7.48	60.83 2.59 3.27	40.64 1.86 0.82	34.91 1.68 0.00	29.22 1.45 0.00	28.71 1.35 0.00	27.67 1.38 0.00	25.96 1.33 0.00	22.56 1.22 0.00	24.00 1.33 0.00	30.02 1.53 0.00	37.14 1.62 0.00	46.66 2.31 0.00	40.51 1.88 0.00	37.57 1.61 0.00	38.68 1.64 0.00	36.79 1.44 0.00
KIAC_JFK_GT2 23817	31.29 0.92 0.00	32.96 0.82 0.00	32.89 0.91 0.00	31.07 1.02 0.00	30.81 1.03 0.00	36.77 1.35 0.40	66.05 2.28 4.75	124.70 4.60 7.48	60.83 2.59 3.27	40.64 1.86 0.82	34.91 1.68 0.00	29.22 1.45 0.00	28.71 1.35 0.00	27.67 1.38 0.00	25.96 1.33 0.00	22.56 1.22 0.00	24.00 1.33 0.00	30.02 1.53 0.00	37.14 1.62 0.00	46.66 2.31 0.00	40.51 1.88 0.00	37.57 1.61 0.00	38.68 1.64 0.00	36.79 1.44 0.00
KIAC_JFK____ 323774	31.29 0.92 0.00	32.96 0.82 0.00	32.89 0.91 0.00	31.07 1.02 0.00	30.81 1.04 0.00	36.77 1.34 0.40	66.03 2.26 4.75	124.69 4.60 7.48	60.82 2.58 3.27	40.64 1.86 0.82	34.92 1.68 0.00	29.22 1.45 0.00	28.70 1.35 0.00	27.67 1.37 0.00	25.95 1.33 0.00	22.56 1.22 0.00	24.00 1.33 0.00	30.02 1.53 0.00	37.14 1.62 0.00	46.66 2.31 0.00	40.51 1.88 0.00	37.57 1.61 0.00	38.67 1.63 0.00	36.76 1.40 0.00
KINTIGH____ 23543	29.07 -1.30 0.00	30.87 -1.27 0.00	30.43 -1.55 0.00	28.54 -1.52 0.00	28.33 -1.45 0.00	33.44 -1.30 1.09	53.15 -2.54 12.83	102.50 -4.86 20.21	50.19 -2.49 8.83	35.65 -1.73 2.21	31.96 -1.28 0.00	26.57 -1.20 0.00	25.94 -1.42 0.00	24.52 -1.78 0.00	22.91 -1.71 0.00	19.79 -1.56 0.00	20.91 -1.76 0.00	26.29 -2.20 0.00	32.96 -2.57 0.00	40.91 -3.44 0.00	35.36 -3.27 0.00	32.82 -3.15 0.00	31.57 -3.06 2.41	28.64 -2.77 3.94
KNTFSRNC_46_KV_46KV_LOAD 80397	29.83 -0.54 0.00	32.47 0.32 0.00	31.97 0.00 0.00	-20.67 -0.91 49.81	-20.67 -0.89 49.56	-13.21 -1.42 47.61	42.59 -1.76 24.16	122.84 -2.43 2.30	59.82 -0.68 1.01	38.67 -0.69 0.25	32.49 -0.74 0.00	26.99 -0.77 0.00	26.51 -0.85 0.00	25.32 -0.97 0.00	19.61 -0.96 4.05	0.19 -0.87 20.29	18.47 -0.90 3.31	27.63 -0.85 0.00	34.84 -0.68 0.00	44.28 -0.06 0.00	39.58 0.95 0.00	35.89 -0.07 0.00	36.60 -0.45 0.00	35.00 -0.35 0.00
LACHUTE__HYDRO 323717	32.16 1.79 0.00	34.14 2.00 0.00	33.85 1.87 0.00	31.95 1.89 0.00	31.85 2.08 0.00	38.15 2.72 0.40	68.64 4.77 4.64	128.57 8.31 7.31	62.87 4.56 3.19	41.74 2.94 0.80	35.25 2.02 0.00	29.35 1.58 0.00	28.64 1.28 0.00	27.46 1.16 0.00	25.67 1.04 0.00	22.18 0.84 0.00	23.67 1.00 0.00	29.79 1.30 0.00	36.99 1.46 0.00	46.78 2.44 0.00	40.90 2.27 0.00	38.72 2.75 0.00	39.85 2.81 0.00	37.82 2.46 0.00
LAWRNCV_115KV_TB1 80681	30.12 -0.25 0.00	32.02 -0.12 0.00	31.84 -0.14 0.00	36.06 -0.35 -6.35	35.78 -0.32 -6.32	41.06 -0.54 -5.77	68.30 -0.79 -0.58	122.36 -1.55 3.67	58.85 -1.03 1.63	38.34 -0.87 0.39	32.40 -0.83 0.00	27.04 -0.73 0.00	26.54 -0.82 0.00	25.53 -0.76 0.00	24.39 -0.75 -0.52	23.21 -0.72 -2.59	22.29 -0.77 -0.39	27.65 -0.84 0.00	34.82 -0.70 0.00	43.66 -0.69 0.00	38.44 -0.19 0.00	35.71 -0.25 0.00	36.90 -0.14 0.00	35.39 0.03 0.00
LEDERLE____ 23769	31.33 0.95 0.00	33.10 0.95 0.00	32.98 1.00 0.00	31.11 1.06 0.00	30.88 1.10 0.00	36.94 1.52 0.41	66.74 3.00 4.77	125.80 5.74 7.52	61.10 2.87 3.28	40.68 1.90 0.82	34.81 1.57 0.00	29.08 1.31 0.00	28.60 1.24 0.00	27.57 1.28 0.00	25.82 1.20 0.00	22.43 1.08 0.00	23.88 1.21 0.00	29.96 1.48 0.00	37.19 1.67 0.00	46.73 2.38 0.00	40.52 1.89 0.00	37.63 1.67 0.00	38.67 1.63 0.00	36.75 1.39 0.00
LIGHTHSE_115KV_TB6 355974	29.43 -0.94 0.00	31.12 -1.03 0.00	31.01 -0.97 0.00	30.25 -0.77 -0.96	29.92 -0.82 -0.96	35.17 -0.83 -0.17	61.18 -1.08 6.26	114.99 -2.01 10.57	55.38 -1.50 4.62	36.92 -1.53 1.16	31.70 -1.53 0.00	26.40 -1.37 0.00	26.03 -1.33 0.00	24.95 -1.34 0.00	23.34 -1.36 -0.08	20.57 -1.17 -0.39	21.48 -1.19 0.00	27.29 -1.20 0.00	34.46 -1.07 0.00	43.63 -0.72 0.00	37.89 -0.74 0.00	35.22 -0.74 0.00	36.17 -0.87 0.00	34.58 -0.77 0.00
LINDEN COGEN____ 23786	31.31 0.93 0.00	33.05 0.90 0.00	32.98 1.00 0.00	31.13 1.08 0.00	30.91 1.13 0.00	36.86 1.43 0.40	66.42 2.66 4.75	125.24 5.14 7.48	60.98 2.74 3.27	40.69 1.90 0.82	34.89 1.65 0.00	29.19 1.43 0.00	28.72 1.36 0.00	27.68 1.39 0.00	26.00 1.38 0.00	22.58 1.23 0.00	24.01 1.34 0.00	30.05 1.56 0.00	37.22 1.69 0.00	46.80 2.45 0.00	40.56 1.92 0.00	37.64 1.68 0.00	38.64 1.60 0.00	36.72 1.37 0.00
LINDHRST_69_KV_BK1 356055	40.57 1.32 -8.88	33.42 1.28 0.00	33.38 1.40 0.00	31.44 1.39 0.00	31.27 1.49 0.00	36.89 1.78 0.72	63.56 3.22 8.17	125.99 5.89 7.48	61.45 3.21 3.27	41.09 2.31 0.82	35.52 2.08 -0.21	29.42 1.66 0.00	28.98 1.62 0.00	27.87 1.58 0.00	26.20 1.57 0.00	22.77 1.43 0.00	24.26 1.59 0.00	30.36 1.88 0.00	37.14 2.00 0.39	47.41 3.06 0.00	41.09 2.46 0.00	38.36 2.40 0.00	39.41 2.37 0.00	37.44 2.08 0.00
LIPA_MISC_IPP 23656	34.61 0.64 -3.59	32.71 0.56 0.00	32.79 0.81 0.00	30.88 0.82 0.00	30.73 0.95 0.00	36.11 1.05 0.77	61.44 1.61 8.69	123.10 3.01 7.48	59.95 1.71 3.27	40.32 1.54 0.82	34.70 1.38 -0.09	28.82 1.06 0.00	28.50 1.14 0.00	27.38 1.09 0.00	25.82 1.20 0.00	22.40 1.05 0.00	23.84 1.17 0.00	29.83 1.35 0.00	36.24 1.16 0.44	46.42 2.07 0.00	40.25 1.62 0.00	37.65 1.68 0.00	38.84 1.80 0.00	36.85 1.49 0.00
LISF__SOLAR 323691	34.70 0.68 -3.64	32.75 0.60 0.00	32.82 0.84 0.00	30.92 0.86 0.00	30.77 0.99 0.00	36.16 1.10 0.77	61.56 1.73 8.68	123.34 3.25 7.48	60.02 1.78 3.27	40.35 1.57 0.82	34.72 1.40 -0.09	28.83 1.06 0.00	28.50 1.15 0.00	27.38 1.09 0.00	25.83 1.21 0.00	22.40 1.06 0.00	23.86 1.18 0.00	29.87 1.38 0.00	36.30 1.22 0.44	46.50 2.15 0.00	40.32 1.68 0.00	37.71 1.75 0.00	38.90 1.86 0.00	36.90 1.54 0.00

LITTLE FALLS___HYD 24013	29.98 -0.39 0.00	31.62 -0.53 0.00	31.43 -0.55 0.00	29.71 -0.35 0.00	29.54 -0.24 0.00	35.16 -0.19 0.48	62.42 -0.45 5.64	118.05 -0.63 8.90	57.25 -0.37 3.89	38.51 -0.12 0.98	32.93 -0.31 0.00	27.24 -0.52 0.00	26.60 -0.76 0.00	25.44 -0.85 0.00	23.83 -0.79 0.00	20.71 -0.63 0.00	22.11 -0.56 0.00	28.11 -0.38 0.00	35.45 -0.07 0.00	44.78 0.43 0.00	38.89 0.26 0.00	36.49 0.52 0.00	37.48 0.44 0.00	35.59 0.23 0.00
LITTLRIV_115KV_TB1 356100	30.64 0.26 0.00	32.57 0.42 0.00	32.38 0.40 0.00	37.21 0.18 -6.98	36.91 0.18 -6.95	42.28 0.09 -6.37	69.82 0.53 -0.77	124.56 0.83 3.84	59.62 -0.17 1.72	38.59 -0.60 0.41	32.55 -0.68 0.00	27.16 -0.61 0.00	26.66 -0.70 0.00	25.66 -0.63 0.00	24.59 -0.60 -0.57	23.58 -0.61 -2.84	22.42 -0.68 -0.44	27.80 -0.69 0.00	35.20 -0.33 0.00	44.36 0.01 0.00	39.08 0.45 0.00	36.29 0.32 0.00	37.50 0.46 0.00	35.95 0.60 0.00
LI_NEWBRDGE___DRP 323616	31.36 0.99 0.00	33.09 0.95 0.00	33.04 1.06 0.00	31.14 1.09 0.00	30.96 1.18 0.00	36.46 1.42 0.79	62.02 2.48 8.97	124.53 4.44 7.48	60.77 2.53 3.27	40.68 1.89 0.82	35.01 1.75 -0.03	29.18 1.42 0.00	28.75 1.39 0.00	27.66 1.36 0.00	25.97 1.35 0.00	22.57 1.23 0.00	24.03 1.35 0.00	30.04 1.56 0.00	36.66 1.61 0.48	46.81 2.47 0.00	40.59 1.96 0.00	37.85 1.88 0.00	38.91 1.86 0.00	36.98 1.63 0.00
LOCKPORT_115KV_TB60_63_64 80432	28.88 -1.50 0.00	30.67 -1.47 0.00	30.16 -1.82 0.00	28.25 -1.81 0.00	28.11 -1.66 0.00	33.27 -1.50 1.06	52.97 -3.12 12.42	102.06 -5.94 19.57	49.98 -2.99 8.55	35.35 -2.11 2.14	31.68 -1.55 0.00	26.30 -1.46 0.00	25.62 -1.75 0.00	24.12 -2.17 0.00	22.53 -2.10 0.00	19.45 -1.89 0.00	20.55 -2.12 0.00	25.85 -2.64 0.00	32.53 -2.99 0.00	40.36 -3.99 0.00	34.88 -3.75 0.00	32.31 -3.66 0.00	29.77 -3.64 3.63	26.08 -3.34 5.94
LOCKPORT___CC1 323769	28.81 -1.57 0.00	30.61 -1.53 0.00	30.12 -1.86 0.00	28.22 -1.84 0.00	28.08 -1.70 0.00	33.22 -1.55 1.06	52.96 -3.17 12.38	102.07 -5.99 19.52	49.99 -2.99 8.52	35.35 -2.11 2.14	31.65 -1.59 0.00	26.28 -1.49 0.00	25.59 -1.77 0.00	24.11 -2.19 0.00	22.52 -2.10 0.00	19.45 -1.90 0.00	20.55 -2.13 0.00	25.86 -2.63 0.00	32.54 -2.99 0.00	40.36 -3.99 0.00	34.86 -3.77 0.00	32.27 -3.70 0.00	29.08 -3.62 4.34	24.98 -3.27 7.10
LOCKPORT___CC2 323770	28.81 -1.57 0.00	30.61 -1.53 0.00	30.12 -1.86 0.00	28.22 -1.84 0.00	28.08 -1.70 0.00	33.22 -1.55 1.06	52.96 -3.17 12.38	102.07 -5.99 19.52	49.99 -2.99 8.52	35.35 -2.11 2.14	31.65 -1.59 0.00	26.28 -1.49 0.00	25.59 -1.77 0.00	24.11 -2.19 0.00	22.52 -2.10 0.00	19.45 -1.90 0.00	20.55 -2.13 0.00	25.86 -2.63 0.00	32.54 -2.99 0.00	40.36 -3.99 0.00	34.86 -3.77 0.00	32.27 -3.70 0.00	29.08 -3.62 4.34	24.98 -3.27 7.10
LOCKPORT___CC3 323771	28.81 -1.57 0.00	30.61 -1.53 0.00	30.12 -1.86 0.00	28.22 -1.84 0.00	28.08 -1.70 0.00	33.22 -1.55 1.06	52.96 -3.17 12.38	102.07 -5.99 19.52	49.99 -2.99 8.52	35.35 -2.11 2.14	31.65 -1.59 0.00	26.28 -1.49 0.00	25.59 -1.77 0.00	24.11 -2.19 0.00	22.52 -2.10 0.00	19.45 -1.90 0.00	20.55 -2.13 0.00	25.86 -2.63 0.00	32.54 -2.99 0.00	40.36 -3.99 0.00	34.86 -3.77 0.00	32.27 -3.70 0.00	29.08 -3.62 4.34	24.98 -3.27 7.10
LONG_LAKE_PHOENIX 24014	29.71 -0.67 0.00	31.41 -0.74 0.00	31.21 -0.76 0.00	29.31 -0.74 0.00	29.01 -0.77 0.00	34.59 -0.87 0.37	62.71 -1.43 4.38	118.06 -2.60 6.91	57.06 -1.43 3.02	37.73 -1.12 0.76	32.26 -0.98 0.00	26.97 -0.79 0.00	26.61 -0.76 0.00	25.52 -0.77 0.00	23.89 -0.73 0.00	20.71 -0.63 0.00	22.00 -0.67 0.00	27.67 -0.82 0.00	34.57 -0.96 0.00	43.20 -1.15 0.00	37.50 -1.13 0.00	34.98 -0.99 0.00	35.97 -1.07 0.00	34.36 -0.99 0.00
LOVETT___3 23632	31.20 0.82 0.00	32.97 0.82 0.00	32.85 0.88 0.00	31.01 0.95 0.00	30.76 0.98 0.00	36.69 1.27 0.41	66.18 2.43 4.76	124.71 4.64 7.51	60.60 2.37 3.28	40.38 1.60 0.82	34.58 1.35 0.00	28.89 1.13 0.00	28.43 1.07 0.00	27.40 1.11 0.00	25.73 1.11 0.00	22.35 1.01 0.00	23.78 1.11 0.00	29.82 1.34 0.00	37.00 1.48 0.00	46.49 2.14 0.00	40.32 1.69 0.00	37.46 1.49 0.00	38.50 1.46 0.00	36.61 1.26 0.00
LOVETT___4 23642	31.20 0.82 0.00	32.97 0.82 0.00	32.85 0.88 0.00	31.01 0.95 0.00	30.76 0.98 0.00	36.69 1.27 0.41	66.18 2.43 4.76	124.71 4.64 7.51	60.60 2.37 3.28	40.38 1.60 0.82	34.58 1.35 0.00	28.89 1.13 0.00	28.43 1.07 0.00	27.40 1.11 0.00	25.73 1.11 0.00	22.35 1.01 0.00	23.78 1.11 0.00	29.82 1.34 0.00	37.00 1.48 0.00	46.49 2.14 0.00	40.32 1.69 0.00	37.46 1.49 0.00	38.50 1.46 0.00	36.61 1.26 0.00
LOVETT___5 23593	31.20 0.82 0.00	32.97 0.82 0.00	32.85 0.88 0.00	31.01 0.95 0.00	30.76 0.98 0.00	36.69 1.27 0.41	66.18 2.43 4.76	124.71 4.64 7.51	60.60 2.37 3.28	40.38 1.60 0.82	34.58 1.35 0.00	28.89 1.13 0.00	28.43 1.07 0.00	27.40 1.11 0.00	25.73 1.11 0.00	22.35 1.01 0.00	23.78 1.11 0.00	29.82 1.34 0.00	37.00 1.48 0.00	46.49 2.14 0.00	40.32 1.69 0.00	37.46 1.49 0.00	38.50 1.46 0.00	36.61 1.26 0.00
LOWER RAQUET___HYD 24057	29.98 -0.40 0.00	31.87 -0.28 0.00	31.70 -0.28 0.00	37.15 -0.48 -7.58	36.85 -0.46 -7.54	42.06 -0.70 -6.93	68.43 -1.04 -0.95	121.52 -2.06 4.00	58.36 -1.36 1.79	38.10 -1.08 0.42	32.20 -1.04 0.00	26.85 -0.91 0.00	26.34 -1.02 0.00	25.33 -0.96 0.00	24.30 -0.94 -0.62	23.55 -0.88 -3.09	22.20 -0.94 -0.48	27.46 -1.03 0.00	34.63 -0.89 0.00	43.50 -0.85 0.00	38.32 -0.31 0.00	35.60 -0.37 0.00	36.78 -0.26 0.00	35.27 -0.09 0.00
LOWER___HUDSON 24059	31.02 0.65 0.00	32.81 0.66 0.00	32.62 0.65 0.00	30.78 0.72 0.00	30.57 0.79 0.00	36.43 1.00 0.40	65.41 1.51 4.62	123.00 2.71 7.28	59.89 1.57 3.18	40.01 1.20 0.80	34.21 0.97 0.00	28.58 0.82 0.00	28.17 0.81 0.00	27.12 0.83 0.00	25.34 0.72 0.00	21.97 0.63 0.00	23.34 0.67 0.00	29.30 0.81 0.00	36.43 0.90 0.00	45.55 1.20 0.00	39.61 0.98 0.00	37.13 1.16 0.00	38.20 1.16 0.00	36.40 1.04 0.00
LOWVILLE_115KV_TB2 356335	29.40 -0.98 0.00	31.06 -1.08 0.00	30.99 -0.99 0.00	31.45 -0.85 -2.24	31.32 -0.69 -2.23	36.83 -0.63 -1.64	63.40 -0.61 4.50	117.88 -0.98 8.72	56.55 -1.13 3.82	37.19 -1.46 0.95	31.54 -1.70 0.00	26.18 -1.58 0.00	25.80 -1.56 0.00	24.81 -1.48 0.00	23.21 -1.59 -0.18	20.85 -1.41 -0.91	21.45 -1.36 -0.14	27.31 -1.17 0.00	34.95 -0.58 0.00	44.60 0.25 0.00	38.81 0.17 0.00	35.99 0.03 0.00	37.01 -0.03 0.00	35.47 0.12 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.47 1.10 0.00	33.29 1.15 0.00	33.09 1.11 0.00	31.21 1.15 0.00	31.00 1.22 0.00	37.06 1.63 0.40	66.82 2.94 4.64	125.54 5.27 7.31	60.96 2.64 3.19	40.53 1.73 0.80	34.56 1.32 0.00	28.79 1.03 0.00	28.29 0.93 0.00	27.34 1.04 0.00	25.48 0.86 0.00	22.02 0.67 0.00	23.42 0.75 0.00	29.54 1.05 0.00	36.86 1.34 0.00	46.15 1.81 0.00	40.12 1.49 0.00	37.66 1.70 0.00	38.78 1.74 0.00	36.90 1.54 0.00

LUTHERNY_35_KV_BK2 355980	31.48 1.11 0.00	33.32 1.17 0.00	33.08 1.10 0.00	31.21 1.15 0.00	31.00 1.22 0.00	37.11 1.68 0.40	66.96 3.08 4.64	125.84 5.57 7.31	60.95 2.63 3.19	40.53 1.72 0.80	34.54 1.30 0.00	28.77 1.01 0.00	28.27 0.91 0.00	27.32 1.03 0.00	25.47 0.84 0.00	22.02 0.68 0.00	23.42 0.75 0.00	29.55 1.06 0.00	36.88 1.36 0.00	46.20 1.86 0.00	40.13 1.50 0.00	37.68 1.72 0.00	38.81 1.77 0.00	36.88 1.53 0.00
LWR___OSWEGATCHIE_HYD 23850	29.38 -0.99 0.00	31.15 -0.99 0.00	31.04 -0.94 0.00	34.32 -0.92 -5.18	34.07 -0.86 -5.15	39.37 -1.01 -4.55	65.58 -1.40 1.53	118.71 -2.69 6.17	56.91 -1.87 2.73	37.20 -1.74 0.67	31.45 -1.79 0.00	26.15 -1.62 0.00	25.70 -1.66 0.00	24.71 -1.58 0.00	23.43 -1.61 -0.42	22.02 -1.43 -2.11	21.54 -1.45 -0.33	27.02 -1.47 0.00	34.36 -1.16 0.00	43.58 -0.76 0.00	38.16 -0.47 0.00	35.42 -0.54 0.00	36.50 -0.54 0.00	34.99 -0.36 0.00
LYONS_FALL_HYD 23570	29.97 -0.41 0.00	31.65 -0.49 0.00	31.55 -0.43 0.00	31.23 -0.33 -1.51	31.07 -0.20 -1.50	36.68 -0.08 -0.92	63.66 0.32 5.17	119.09 0.77 9.25	57.35 -0.11 4.05	38.03 -0.57 1.01	32.41 -0.83 0.00	26.95 -0.82 0.00	26.56 -0.80 0.00	25.55 -0.75 0.00	23.90 -0.84 -0.12	21.21 -0.75 -0.61	22.08 -0.69 -0.09	28.03 -0.45 0.00	35.52 0.00 0.00	44.99 0.65 0.00	39.10 0.47 0.00	36.31 0.34 0.00	37.33 0.29 0.00	35.69 0.34 0.00
MADISON___COUNTY_LFGE 323628	30.72 0.34 0.00	32.43 0.29 0.00	32.27 0.29 0.00	30.41 0.36 0.00	30.15 0.37 0.00	35.80 0.61 0.64	62.68 1.61 7.45	118.99 3.15 11.74	57.58 1.20 5.13	38.82 0.50 1.28	33.35 0.11 0.00	27.79 0.03 0.00	27.38 0.02 0.00	26.30 0.01 0.00	24.61 -0.01 0.00	21.33 -0.02 0.00	22.73 0.06 0.00	28.79 0.30 0.00	36.18 0.66 0.00	45.50 1.15 0.00	39.50 0.87 0.00	36.72 0.76 0.00	37.74 0.70 0.00	35.90 0.55 0.00
MALONE___115KV_TB1 356076	30.06 -0.31 0.00	32.30 0.15 0.00	31.93 -0.05 0.00	61.88 -0.58 -32.40	61.50 -0.52 -32.24	65.73 -0.76 -30.66	80.55 -0.94 -12.98	123.51 -1.25 2.81	59.83 -0.44 1.24	38.83 -0.47 0.30	32.70 -0.53 0.00	27.24 -0.52 0.00	26.72 -0.64 0.00	25.63 -0.66 0.00	26.59 -0.67 -2.63	33.89 -0.66 -13.21	24.11 -0.69 -2.13	27.82 -0.67 0.00	35.05 -0.47 0.00	44.31 -0.04 0.00	39.29 0.66 0.00	35.99 0.03 0.00	37.01 -0.03 0.00	35.45 0.10 0.00
MAPLEWOD_115KV_TB3 80458	30.99 0.62 0.00	32.74 0.60 0.00	32.59 0.61 0.00	30.74 0.68 0.00	30.53 0.75 0.00	36.35 0.92 0.39	65.33 1.42 4.61	122.86 2.55 7.27	59.82 1.49 3.17	39.92 1.11 0.79	34.19 0.96 0.00	28.58 0.82 0.00	28.15 0.78 0.00	27.07 0.78 0.00	25.33 0.71 0.00	21.99 0.64 0.00	23.36 0.69 0.00	29.31 0.83 0.00	36.47 0.94 0.00	45.59 1.24 0.00	39.64 1.01 0.00	37.06 1.09 0.00	38.10 1.06 0.00	36.33 0.97 0.00
MAPLE_RIDGE_WT_1 323574	29.67 -0.70 0.00	31.42 -0.72 0.00	31.47 -0.50 0.00	29.54 -0.52 0.00	29.28 -0.49 0.00	34.91 -0.59 0.33	63.71 -0.93 3.87	119.82 -1.66 6.10	57.92 -0.92 2.66	38.27 -0.67 0.67	32.79 -0.44 0.00	27.36 -0.40 0.00	26.97 -0.39 0.00	25.87 -0.42 0.00	24.12 -0.51 0.00	20.94 -0.40 0.00	22.26 -0.41 0.00	28.11 -0.37 0.00	35.10 -0.43 0.00	44.01 -0.34 0.00	38.28 -0.35 0.00	35.43 -0.53 0.00	36.53 -0.51 0.00	34.79 -0.57 0.00
MAPLE_RIDGE_WT_2 323611	29.67 -0.70 0.00	31.42 -0.72 0.00	31.47 -0.50 0.00	29.54 -0.52 0.00	29.28 -0.49 0.00	34.91 -0.59 0.33	63.71 -0.93 3.87	119.82 -1.66 6.10	57.92 -0.92 2.66	38.27 -0.67 0.67	32.79 -0.44 0.00	27.36 -0.40 0.00	26.97 -0.39 0.00	25.87 -0.42 0.00	24.12 -0.51 0.00	20.94 -0.40 0.00	22.26 -0.41 0.00	28.11 -0.37 0.00	35.10 -0.43 0.00	44.01 -0.34 0.00	38.28 -0.35 0.00	35.43 -0.53 0.00	36.53 -0.51 0.00	34.79 -0.57 0.00
MARBLE_RIVER_WT_PWR 323696	29.13 -1.24 0.00	32.10 -0.05 0.00	31.52 -0.46 0.00	-21.00 -1.70 49.36	-21.00 -1.67 49.11	-13.95 -2.59 47.18	41.08 -3.49 23.94	120.07 -5.23 2.28	58.47 -2.04 1.00	37.79 -1.56 0.25	31.75 -1.49 0.00	26.33 -1.43 0.00	25.85 -1.51 0.00	24.64 -1.65 0.00	19.01 -1.60 4.01	-0.17 -1.40 20.11	17.95 -1.45 3.28	27.03 -1.46 0.00	34.07 -1.46 0.00	43.53 -0.82 0.00	39.19 0.56 0.00	35.23 -0.73 0.00	35.72 -1.32 0.00	34.20 -1.15 0.00
MARSHVLE_115KV_TB1 80742	31.73 1.36 0.00	33.53 1.38 0.00	33.38 1.40 0.00	31.36 1.30 0.00	31.00 1.22 0.00	37.06 1.67 0.44	67.09 3.70 5.12	126.84 7.33 8.07	61.11 3.13 3.53	40.27 1.55 0.88	33.96 0.72 0.00	27.95 0.19 0.00	27.51 0.15 0.00	26.46 0.17 0.00	24.79 0.17 0.00	21.46 0.11 0.00	22.84 0.16 0.00	29.07 0.59 0.00	37.20 1.68 0.00	46.85 2.50 0.00	40.79 2.16 0.00	37.74 1.78 0.00	38.85 1.81 0.00	37.08 1.73 0.00
MARSH_HILL_WT_PWR 323713	27.42 -2.95 0.00	29.37 -2.78 0.00	29.19 -2.79 0.00	27.62 -2.44 0.00	27.35 -2.43 0.00	32.05 -2.88 0.91	52.66 -5.21 10.64	101.98 -8.82 16.78	49.25 -4.94 7.33	34.03 -3.74 1.84	30.31 -2.93 0.00	25.45 -2.32 0.00	25.12 -2.24 0.00	23.99 -2.31 0.00	22.74 -1.89 0.00	19.63 -1.72 0.00	20.74 -1.93 0.00	26.53 -1.95 0.00	33.84 -1.68 0.00	42.99 -1.36 0.00	36.58 -2.05 0.00	33.32 -2.64 0.00	48.99 -2.98 -14.93	56.45 -3.32 -24.41
MCINTYRE_115KV_TB2 80467	31.08 0.70 0.00	33.01 0.87 0.00	32.83 0.85 0.00	36.68 0.61 -6.03	36.37 0.60 -5.99	41.87 0.57 -5.46	70.43 1.44 -0.48	126.51 2.52 3.59	60.47 0.56 1.60	39.00 -0.22 0.38	32.90 -0.33 0.00	27.46 -0.30 0.00	27.00 -0.36 0.00	25.99 -0.30 0.00	24.83 -0.28 -0.49	23.46 -0.34 -2.45	22.64 -0.40 -0.37	28.11 -0.38 0.00	35.56 0.04 0.00	44.85 0.50 0.00	39.53 0.90 0.00	36.70 0.74 0.00	37.95 0.91 0.00	36.38 1.02 0.00
MECO_____69_KV_BK1 80468	31.93 1.56 0.00	33.73 1.58 0.00	33.56 1.58 0.00	31.57 1.51 0.00	31.30 1.52 0.00	37.43 2.02 0.42	67.78 4.21 4.94	128.05 8.27 7.79	61.67 3.57 3.40	40.58 1.83 0.85	34.14 0.90 0.00	27.88 0.12 0.00	27.35 -0.01 0.00	26.28 -0.02 0.00	24.60 -0.02 0.00	21.32 -0.02 0.00	22.74 0.07 0.00	29.16 0.67 0.00	37.47 1.94 0.00	47.38 3.03 0.00	41.22 2.59 0.00	38.27 2.30 0.00	39.33 2.29 0.00	37.48 2.13 0.00
MENANDS___115KV_TB5 355628	30.87 0.49 0.00	32.62 0.47 0.00	32.46 0.49 0.00	30.63 0.57 0.00	30.43 0.65 0.00	36.20 0.76 0.39	65.00 1.09 4.61	122.22 1.90 7.26	59.52 1.18 3.17	39.76 0.95 0.79	34.09 0.86 0.00	28.52 0.76 0.00	28.10 0.75 0.00	27.04 0.75 0.00	25.29 0.67 0.00	21.96 0.62 0.00	23.32 0.65 0.00	29.23 0.75 0.00	36.32 0.79 0.00	45.37 1.02 0.00	39.45 0.82 0.00	36.88 0.92 0.00	37.92 0.87 0.00	36.17 0.81 0.00
MG INDUSTRY___DRP 24185	30.97 0.60 0.00	32.74 0.60 0.00	32.60 0.62 0.00	30.73 0.67 0.00	30.52 0.73 0.00	36.33 0.89 0.39	65.37 1.44 4.59	122.79 2.44 7.23	59.64 1.29 3.16	39.74 0.93 0.79	34.02 0.78 0.00	28.38 0.61 0.00	27.90 0.54 0.00	26.81 0.52 0.00	25.09 0.46 0.00	21.78 0.43 0.00	23.14 0.47 0.00	29.14 0.65 0.00	36.36 0.84 0.00	45.48 1.13 0.00	39.52 0.89 0.00	36.90 0.94 0.00	37.96 0.92 0.00	36.19 0.83 0.00

MID___OSWEGATCHIE_HYD 23849	29.38 -0.99 0.00	31.15 -0.99 0.00	31.04 -0.94 0.00	34.32 -0.92 -5.18	34.07 -0.86 -5.15	39.37 -1.01 -4.55	65.58 -1.40 1.53	118.71 -2.69 6.17	56.91 -1.87 2.73	37.20 -1.74 0.67	31.45 -1.79 0.00	26.15 -1.62 0.00	25.70 -1.66 0.00	24.71 -1.58 0.00	23.43 -1.61 -0.42	22.02 -1.43 -2.11	21.54 -1.45 -0.33	27.02 -1.47 0.00	34.36 -1.16 0.00	43.58 -0.76 0.00	38.16 -0.47 0.00	35.42 -0.54 0.00	36.50 -0.54 0.00	34.99 -0.36 0.00
MID___RAQUETTE_HYD 23851	29.98 -0.40 0.00	31.87 -0.28 0.00	31.70 -0.28 0.00	37.15 -0.48 -7.58	36.85 -0.46 -7.54	42.06 -0.70 -6.93	68.43 -1.04 -0.95	121.52 -2.06 4.00	58.37 -1.35 1.79	38.10 -1.08 0.42	32.20 -1.04 0.00	26.85 -0.91 0.00	26.34 -1.02 0.00	25.34 -0.96 0.00	24.30 -0.93 -0.62	23.55 -0.89 -3.09	22.20 -0.94 -0.48	27.46 -1.03 0.00	34.63 -0.89 0.00	43.50 -0.85 0.00	38.32 -0.31 0.00	35.60 -0.37 0.00	36.77 -0.26 0.00	35.27 -0.08 0.00
MILLIKEN___1 23584	30.40 0.03 0.00	32.12 -0.02 0.00	31.91 -0.06 0.00	30.11 0.05 0.00	29.78 0.00 0.00	35.32 0.23 0.73	60.80 0.87 8.59	115.93 1.89 13.53	56.10 0.50 5.91	37.95 -0.17 1.48	32.84 -0.39 0.00	27.37 -0.39 0.00	26.98 -0.38 0.00	25.87 -0.42 0.00	24.23 -0.39 0.00	20.99 -0.36 0.00	22.33 -0.34 0.00	28.26 -0.23 0.00	35.64 0.12 0.00	44.84 0.49 0.00	38.96 0.33 0.00	36.24 0.28 0.00	38.35 0.20 -1.11	37.26 0.08 -1.82
MILLIKEN___2 23585	30.40 0.03 0.00	32.12 -0.02 0.00	31.91 -0.06 0.00	30.11 0.05 0.00	29.78 0.00 0.00	35.32 0.23 0.73	60.80 0.87 8.59	115.93 1.89 13.53	56.10 0.50 5.91	37.95 -0.17 1.48	32.84 -0.39 0.00	27.37 -0.39 0.00	26.98 -0.38 0.00	25.87 -0.42 0.00	24.23 -0.39 0.00	20.99 -0.36 0.00	22.33 -0.34 0.00	28.26 -0.23 0.00	35.64 0.12 0.00	44.84 0.49 0.00	38.96 0.33 0.00	36.24 0.28 0.00	38.35 0.20 -1.11	37.26 0.08 -1.82
MILLIKEN___DIESEL 23629	30.40 0.03 0.00	32.12 -0.02 0.00	31.91 -0.06 0.00	30.11 0.05 0.00	29.78 0.00 0.00	35.32 0.23 0.73	60.80 0.87 8.59	115.93 1.89 13.53	56.10 0.50 5.91	37.95 -0.17 1.48	32.84 -0.39 0.00	27.37 -0.39 0.00	26.98 -0.38 0.00	25.87 -0.42 0.00	24.23 -0.39 0.00	20.99 -0.36 0.00	22.33 -0.34 0.00	28.26 -0.23 0.00	35.64 0.12 0.00	44.84 0.49 0.00	38.96 0.33 0.00	36.24 0.28 0.00	38.35 0.20 -1.11	37.26 0.08 -1.82
MILLSEAT___LFGE 323607	29.53 -0.85 0.00	31.33 -0.81 0.00	30.84 -1.14 0.00	28.92 -1.13 0.00	28.79 -0.99 0.00	34.11 -0.66 1.07	54.73 -1.25 12.54	105.53 -2.28 19.76	51.47 -1.41 8.63	36.13 -1.31 2.16	32.25 -0.99 0.00	26.72 -1.05 0.00	26.02 -1.34 0.00	24.52 -1.77 0.00	22.89 -1.73 0.00	19.77 -1.57 0.00	20.91 -1.76 0.00	26.35 -2.13 0.00	33.35 -2.18 0.00	41.58 -2.77 0.00	35.98 -2.65 0.00	33.33 -2.63 0.00	31.54 -2.58 2.92	28.22 -2.36 4.78
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.31 0.93 0.00	33.06 0.92 0.00	32.96 0.98 0.00	31.10 1.05 0.00	30.87 1.09 0.00	36.81 1.38 0.41	66.39 2.63 4.75	125.10 5.01 7.49	60.83 2.60 3.27	40.57 1.78 0.82	34.74 1.51 0.00	29.04 1.28 0.00	28.58 1.22 0.00	27.53 1.24 0.00	25.85 1.23 0.00	22.45 1.11 0.00	23.89 1.22 0.00	29.94 1.45 0.00	37.13 1.61 0.00	46.65 2.30 0.00	40.45 1.82 0.00	37.60 1.64 0.00	38.64 1.60 0.00	36.75 1.39 0.00
MILLWOOD_13_KV_LOAD 356217	31.34 0.97 0.00	33.10 0.96 0.00	32.99 1.01 0.00	31.13 1.08 0.00	30.90 1.12 0.00	36.85 1.42 0.41	66.48 2.72 4.75	125.26 5.18 7.49	60.92 2.68 3.27	40.61 1.83 0.82	34.78 1.55 0.00	29.07 1.30 0.00	28.60 1.24 0.00	27.56 1.26 0.00	25.86 1.24 0.00	22.47 1.12 0.00	23.91 1.24 0.00	29.97 1.48 0.00	37.18 1.66 0.00	46.72 2.37 0.00	40.52 1.89 0.00	37.66 1.70 0.00	38.69 1.65 0.00	36.79 1.43 0.00
MODEL_CITY_ENERGY 24167	28.64 -1.73 0.00	30.43 -1.72 0.00	29.91 -2.07 0.00	28.01 -2.05 0.00	27.88 -1.90 0.00	32.98 -1.80 1.06	52.34 -3.79 12.38	100.81 -7.25 19.52	49.44 -3.55 8.52	35.05 -2.41 2.14	31.42 -1.81 0.00	26.10 -1.66 0.00	25.43 -1.93 0.00	23.93 -2.36 0.00	22.34 -2.27 0.00	19.30 -2.04 0.00	20.39 -2.29 0.00	25.63 -2.86 0.00	32.22 -3.30 0.00	39.89 -4.45 0.00	34.47 -4.16 0.00	31.96 -4.01 0.00	29.62 -3.95 3.47	26.10 -3.57 5.69
MODERN_LFGE___ 323580	28.64 -1.73 0.00	30.43 -1.72 0.00	29.91 -2.07 0.00	28.01 -2.05 0.00	27.88 -1.90 0.00	32.98 -1.80 1.06	52.34 -3.79 12.38	100.81 -7.25 19.52	49.44 -3.55 8.52	35.05 -2.41 2.14	31.42 -1.81 0.00	26.10 -1.66 0.00	25.43 -1.93 0.00	23.93 -2.36 0.00	22.34 -2.27 0.00	19.30 -2.04 0.00	20.39 -2.29 0.00	25.63 -2.86 0.00	32.22 -3.30 0.00	39.89 -4.45 0.00	34.47 -4.16 0.00	31.96 -4.01 0.00	29.62 -3.95 3.47	26.10 -3.57 5.69
MOHAWK_PAPER___DRP 24187	30.99 0.62 0.00	32.74 0.60 0.00	32.59 0.61 0.00	30.74 0.68 0.00	30.53 0.75 0.00	36.35 0.92 0.39	65.33 1.42 4.61	122.86 2.55 7.27	59.82 1.49 3.17	39.92 1.11 0.79	34.19 0.96 0.00	28.58 0.82 0.00	28.15 0.78 0.00	27.07 0.78 0.00	25.33 0.71 0.00	21.99 0.64 0.00	23.36 0.69 0.00	29.31 0.83 0.00	36.47 0.94 0.00	45.59 1.24 0.00	39.64 1.01 0.00	37.06 1.09 0.00	38.10 1.06 0.00	36.33 0.97 0.00
MOHICAN___35_KV_115KV_LD 80490	31.39 1.02 0.00	33.23 1.09 0.00	33.01 1.03 0.00	31.14 1.08 0.00	30.97 1.19 0.00	37.03 1.60 0.40	66.72 2.85 4.64	125.29 5.03 7.31	61.00 2.69 3.19	40.57 1.76 0.80	34.50 1.26 0.00	28.73 0.97 0.00	28.15 0.79 0.00	27.00 0.71 0.00	25.21 0.59 0.00	21.85 0.51 0.00	23.32 0.65 0.00	29.44 0.96 0.00	36.77 1.25 0.00	46.07 1.73 0.00	40.16 1.53 0.00	38.01 2.05 0.00	39.16 2.12 0.00	37.23 1.87 0.00
MONGAUP___HYD 23641	31.44 1.06 0.00	33.22 1.07 0.00	33.06 1.09 0.00	31.18 1.12 0.00	30.94 1.16 0.00	36.93 1.51 0.41	66.20 2.48 4.79	123.99 3.97 7.55	60.09 1.88 3.30	40.01 1.24 0.83	34.17 0.93 0.00	28.51 0.74 0.00	28.06 0.70 0.00	27.03 0.74 0.00	25.36 0.74 0.00	22.04 0.69 0.00	23.44 0.77 0.00	29.45 0.97 0.00	36.82 1.30 0.00	46.53 2.18 0.00	40.45 1.82 0.00	37.61 1.65 0.00	38.65 1.61 0.00	36.94 1.59 0.00
MONTAUK___DIESEL 23721	33.54 -0.44 -3.61	31.60 -0.54 0.00	32.83 0.85 0.00	30.66 0.61 0.00	30.54 0.75 0.00	35.28 0.22 0.77	59.73 -0.11 8.68	120.79 0.70 7.48	58.13 -0.11 3.27	39.01 0.23 0.82	33.54 0.21 -0.09	27.78 0.02 0.00	27.49 0.13 0.00	26.40 0.10 0.00	24.97 0.35 0.00	21.67 0.32 0.00	23.05 0.38 0.00	28.94 0.45 0.00	35.23 0.15 0.44	45.24 0.89 0.00	39.23 0.60 0.00	36.69 0.73 0.00	37.91 0.87 0.00	35.88 0.52 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.57 -0.81 0.00	31.59 -0.56 0.00	30.92 -1.06 0.00	29.50 -0.56 0.00	29.14 -0.64 0.00	34.53 -0.29 1.00	57.03 0.27 11.76	111.03 1.99 18.53	53.71 0.29 8.09	37.56 -0.02 2.03	33.43 0.20 0.00	27.78 0.02 0.00	26.99 -0.37 0.00	25.68 -0.61 0.00	24.14 -0.47 0.00	20.93 -0.41 0.00	22.20 -0.47 0.00	27.69 -0.79 0.00	34.46 -1.07 0.00	42.42 -1.92 0.00	35.66 -2.97 0.00	32.61 -3.36 1.25	32.27 -3.52 2.05	29.60 -3.70 2.05

MORRIS_RIDGE___SOLAR 323848	28.07 -2.31 0.00	29.85 -2.30 0.00	29.66 -2.32 0.00	28.01 -2.05 0.00	27.68 -2.10 0.00	32.63 -2.26 0.93	53.65 -3.93 10.93	103.59 -6.75 17.23	50.07 -3.92 7.52	34.52 -3.20 1.89	30.63 -2.61 0.00	25.60 -2.16 0.00	25.08 -2.28 0.00	23.90 -2.39 0.01	22.58 -2.05 0.00	19.49 -1.85 0.00	20.63 -2.04 0.00	26.29 -2.19 0.00	33.45 -2.07 0.00	42.18 -2.17 0.00	36.11 -2.52 0.00	33.07 -2.90 0.00	3.32 -3.12 30.60	-17.89 -3.21 50.04
MORTIMER_115KV_TB3 55949	29.62 -0.76 0.00	31.40 -0.74 0.00	31.03 -0.95 0.00	29.11 -0.95 0.00	28.90 -0.88 0.00	34.03 -0.70 1.10	54.45 -1.13 12.94	105.08 -2.10 20.39	51.34 -1.26 8.90	36.28 -1.09 2.23	32.41 -0.83 0.00	26.98 -0.79 0.00	26.41 -0.95 0.00	25.06 -1.24 0.00	23.41 -1.21 0.00	20.23 -1.11 0.00	21.42 -1.25 0.00	26.99 -1.50 0.00	33.90 -1.62 0.00	42.26 -2.09 0.00	36.60 -2.03 0.00	34.03 -1.94 0.00	35.13 -1.91 0.00	33.62 -1.73 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.50 1.13 0.00	33.26 1.11 0.00	33.18 1.20 0.00	31.33 1.28 0.00	31.09 1.31 0.00	37.09 1.66 0.40	66.87 3.10 4.75	126.08 5.99 7.48	61.38 3.14 3.27	40.97 2.19 0.82	35.12 1.89 0.00	29.36 1.60 0.00	28.89 1.53 0.00	27.83 1.54 0.00	26.13 1.51 0.00	22.70 1.35 0.00	24.14 1.47 0.00	30.22 1.73 0.00	37.44 1.91 0.00	47.06 2.71 0.00	40.79 2.16 0.00	37.90 1.93 0.00	38.91 1.87 0.00	36.99 1.63 0.00
MUNSVILLE_WIND_PWR 323609	30.53 0.15 0.00	31.95 -0.19 0.00	31.54 -0.44 0.00	29.94 -0.11 0.00	29.75 -0.02 0.00	35.57 0.44 0.70	61.97 1.68 8.22	118.32 3.70 12.96	56.98 1.12 5.66	37.98 -0.21 1.42	32.46 -0.77 0.00	26.87 -0.89 0.00	26.47 -0.89 0.00	25.40 -0.89 0.00	23.82 -0.80 0.00	20.76 -0.58 0.00	22.38 -0.30 0.00	29.06 0.57 0.00	37.52 2.00 0.00	47.79 3.44 0.00	41.64 3.01 0.00	38.75 2.78 0.00	40.47 2.61 -0.82	38.73 2.02 -1.35
N SALMON___HYD 24042	30.06 -0.31 0.00	32.30 0.15 0.00	31.93 -0.05 0.00	61.88 -0.58 -32.40	61.50 -0.52 -32.24	65.72 -0.77 -30.66	80.56 -0.94 -12.98	123.51 -1.26 2.81	59.82 -0.45 1.24	38.83 -0.47 0.30	32.70 -0.54 0.00	27.24 -0.52 0.00	26.72 -0.64 0.00	25.63 -0.66 0.00	26.59 -0.67 -2.63	33.89 -0.66 -13.21	24.11 -0.69 -2.13	27.82 -0.66 0.00	35.05 -0.47 0.00	44.31 -0.04 0.00	39.29 0.66 0.00	35.99 0.03 0.00	37.01 -0.03 0.00	35.45 0.10 0.00
N.AKRON__115KV_KNAPP 355671	29.47 -0.90 0.00	31.29 -0.86 0.00	30.79 -1.19 0.00	28.87 -1.19 0.00	28.74 -1.04 0.00	34.04 -0.73 1.07	54.58 -1.44 12.50	105.24 -2.63 19.71	51.33 -1.58 8.61	36.05 -1.39 2.16	32.21 -1.02 0.00	26.72 -1.04 0.00	26.03 -1.33 0.00	24.55 -1.74 0.00	22.92 -1.71 0.00	19.80 -1.55 0.00	20.94 -1.73 0.00	26.34 -2.15 0.00	33.26 -2.27 0.00	41.46 -2.89 0.00	35.86 -2.77 0.00	33.23 -2.74 0.00	31.17 -2.73 3.14	27.70 -2.52 5.14
N.BELMOR_69_KV_BK1 55787	51.98 1.20 -20.41	33.30 1.16 0.00	33.23 1.26 0.00	31.33 1.27 0.00	31.14 1.36 0.00	36.86 1.64 0.61	64.46 2.97 7.03	125.14 5.05 7.48	61.15 2.91 3.27	40.92 2.14 0.82	35.67 1.96 -0.47	29.36 1.60 0.00	28.91 1.55 0.00	27.80 1.51 0.00	26.12 1.50 0.00	22.69 1.35 0.00	24.17 1.50 0.00	30.24 1.76 0.00	37.17 1.90 0.26	47.19 2.84 0.00	40.90 2.26 0.00	38.13 2.17 0.00	39.17 2.14 0.00	37.25 1.90 0.00
N.E_GEN_SANDY PD 24062	31.13 0.75 0.00	32.90 0.76 0.00	32.77 0.79 0.00	30.59 0.88 0.35	30.74 0.96 0.00	36.60 1.17 0.39	65.37 1.74 4.89	101.37 3.13 29.33	62.79 1.86 0.58	37.90 1.45 3.15	34.46 1.22 0.00	28.85 1.09 0.00	28.47 1.12 0.00	27.73 1.14 -0.30	25.67 1.05 0.00	22.29 0.95 0.00	23.65 0.98 0.00	29.68 1.10 -0.10	35.75 1.11 0.89	45.86 1.51 0.00	38.61 1.22 1.24	38.72 1.33 -1.43	38.35 1.31 0.00	36.56 1.20 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.25 0.87 0.00	33.01 0.87 0.00	32.89 0.91 0.00	31.04 0.98 0.00	30.79 1.01 0.00	36.76 1.34 0.41	66.33 2.58 4.77	124.99 4.93 7.51	60.73 2.50 3.28	40.45 1.67 0.82	34.63 1.40 0.00	28.93 1.17 0.00	28.47 1.11 0.00	27.44 1.15 0.00	25.75 1.12 0.00	22.37 1.03 0.00	23.81 1.14 0.00	29.87 1.38 0.00	37.06 1.54 0.00	46.58 2.23 0.00	40.38 1.75 0.00	37.52 1.55 0.00	38.55 1.51 0.00	36.65 1.30 0.00
N.QUEENS_27_KV_LOAD 356247	31.44 1.06 -0.01	33.19 1.04 -0.01	33.09 1.10 -0.01	31.25 1.19 -0.01	31.03 1.24 -0.01	36.99 1.56 0.40	66.52 2.75 4.75	125.81 5.71 7.48	61.33 3.09 3.27	40.93 2.14 0.81	35.14 1.90 -0.01	29.42 1.66 0.00	28.93 1.56 -0.01	27.87 1.58 0.00	26.17 1.54 -0.01	22.73 1.39 0.00	24.18 1.52 0.00	30.27 1.78 0.00	37.46 1.94 0.00	47.05 2.70 0.00	40.78 2.15 0.00	37.92 1.95 -0.01	38.91 1.87 0.00	37.00 1.63 -0.01
N.TROY___115KV_TB1 355778	31.02 0.65 0.00	32.81 0.66 0.00	32.62 0.65 0.00	30.78 0.72 0.00	30.57 0.79 0.00	36.44 1.00 0.40	65.41 1.51 4.62	123.00 2.71 7.28	59.90 1.57 3.18	40.01 1.21 0.80	34.21 0.97 0.00	28.58 0.82 0.00	28.17 0.81 0.00	27.12 0.83 0.00	25.34 0.72 0.00	21.97 0.63 0.00	23.34 0.67 0.00	29.30 0.81 0.00	36.43 0.90 0.00	45.55 1.20 0.00	39.61 0.98 0.00	37.13 1.16 0.00	38.20 1.16 0.00	36.41 1.05 0.00
NARROWS_GT1_1 24228	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NARROWS_GT1_2 24229	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NARROWS_GT1_3 24230	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NARROWS_GT1_4 24231	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24

NARROWS_GT1_5 24232	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NARROWS_GT1_6 24233	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NARROWS_GT1_7 24234	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NARROWS_GT1_8 24235	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NARROWS_GT2_1 24236	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NARROWS_GT2_2 24237	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NARROWS_GT2_3 24238	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NARROWS_GT2_4 24239	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NARROWS_GT2_5 24240	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NARROWS_GT2_6 24241	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NARROWS_GT2_7 24242	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NARROWS_GT2_8 24243	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.47 1.10 0.00	33.25 1.11 0.00	33.07 1.09 0.00	31.19 1.14 0.00	31.00 1.21 0.00	36.99 1.56 0.40	66.80 2.91 4.62	125.76 5.47 7.29	61.15 2.82 3.18	40.55 1.74 0.80	34.55 1.32 0.00	28.77 1.00 0.00	28.24 0.88 0.00	27.12 0.83 0.00	25.37 0.75 0.00	22.03 0.68 0.00	23.44 0.77 0.00	29.57 1.08 0.00	37.10 1.57 0.00	46.59 2.24 0.00	40.51 1.89 0.00	37.80 1.84 0.00	38.83 1.79 0.00	36.98 1.62 0.00
NCHELSEA_115KV_TR2 355582	31.52 1.15 0.00	33.29 1.15 0.00	33.18 1.20 0.00	31.30 1.25 0.00	31.07 1.29 0.00	37.07 1.65 0.41	66.95 3.18 4.75	126.10 6.02 7.49	61.29 3.05 3.27	40.80 2.01 0.82	34.88 1.65 0.00	29.13 1.37 0.00	28.67 1.31 0.00	27.62 1.33 0.00	25.92 1.30 0.00	22.53 1.18 0.00	23.99 1.32 0.00	30.12 1.63 0.00	37.41 1.88 0.00	47.00 2.65 0.00	40.76 2.13 0.00	37.91 1.94 0.00	38.94 1.90 0.00	37.03 1.68 0.00
NEG CAPITAL___MECHNVIL 23645	31.49 1.12 0.00	33.29 1.15 0.00	33.10 1.12 0.00	31.23 1.17 0.00	31.02 1.24 0.00	37.07 1.63 0.40	66.83 2.94 4.63	125.62 5.34 7.30	61.02 2.70 3.18	40.60 1.79 0.80	34.63 1.39 0.00	28.87 1.11 0.00	28.37 1.01 0.00	27.38 1.09 0.00	25.54 0.92 0.00	22.10 0.75 0.00	23.50 0.83 0.00	29.62 1.14 0.00	36.97 1.45 0.00	46.26 1.91 0.00	40.22 1.59 0.00	37.72 1.75 0.00	38.83 1.79 0.00	36.95 1.59 0.00



NEG CENTRAL_HIGH_ACRES 23767	29.25 -1.13 0.00	30.98 -1.17 0.00	30.66 -1.32 0.00	28.78 -1.28 0.00	28.56 -1.22 0.00	33.66 -1.12 1.05	54.35 -1.86 12.31	104.75 -3.42 19.40	51.12 -1.92 8.47	35.96 -1.52 2.12	31.94 -1.29 0.00	26.60 -1.16 0.00	26.09 -1.27 0.00	24.81 -1.48 0.00	23.17 -1.45 0.00	20.03 -1.31 0.00	21.23 -1.44 0.00	26.79 -1.69 0.00	33.70 -1.83 0.00	42.00 -2.35 0.00	36.40 -2.23 0.00	33.83 -2.14 0.00	34.90 -2.14 0.00	33.38 -1.97 0.00
NEG CENTRAL___DRP 24199	29.94 -0.44 0.00	31.69 -0.46 0.00	31.47 -0.51 0.00	29.65 -0.40 0.00	29.33 -0.45 0.00	34.71 -0.31 0.81	58.83 -0.21 9.48	112.37 -0.27 14.94	54.44 -0.54 6.52	37.20 -0.77 1.63	32.48 -0.75 0.00	27.10 -0.66 0.00	26.68 -0.68 0.00	25.54 -0.75 0.00	23.93 -0.69 0.00	20.70 -0.64 0.00	21.98 -0.69 0.00	27.75 -0.73 0.00	34.94 -0.59 0.00	43.86 -0.49 0.00	37.99 -0.64 0.00	35.31 -0.66 0.00	37.66 -0.77 -1.39	36.81 -0.83 -2.28
NEG CENTRAL___INDECK 23768	29.78 -0.60 0.00	31.63 -0.52 0.00	31.35 -0.63 0.00	29.49 -0.56 0.00	29.27 -0.51 0.00	34.64 -0.20 0.99	57.15 0.21 11.57	110.23 0.90 18.24	53.08 -0.47 7.97	36.24 -1.37 2.00	32.13 -1.11 0.00	26.79 -0.98 0.00	26.22 -1.14 0.00	24.88 -1.42 0.00	23.34 -1.27 0.00	20.17 -1.17 0.00	21.34 -1.33 0.00	27.10 -1.39 0.00	34.48 -1.05 0.00	43.86 -0.48 0.00	37.88 -0.75 0.00	34.95 -1.01 0.00	50.90 -1.13 -14.99	58.61 -1.27 -24.52
NEG CENTRAL___SENECA 23627	29.85 -0.52 0.00	31.61 -0.53 0.00	31.37 -0.61 0.00	29.58 -0.48 0.00	29.27 -0.51 0.00	34.58 -0.33 0.91	57.57 -0.22 10.73	110.37 -0.29 16.91	53.54 -0.58 7.38	36.92 -0.84 1.85	32.41 -0.82 0.00	27.04 -0.72 0.00	26.55 -0.81 0.00	25.38 -0.91 0.00	23.82 -0.80 0.00	20.59 -0.75 0.00	21.87 -0.80 0.00	27.66 -0.83 0.00	34.92 -0.61 0.00	43.88 -0.47 0.00	37.92 -0.71 0.00	35.17 -0.80 0.00	38.37 -0.89 -2.22	37.99 -0.99 -3.63
NEG CENTRAL___STATE_STREET 24147	30.17 -0.20 0.00	31.92 -0.23 0.00	31.70 -0.28 0.00	29.95 -0.11 0.00	29.54 -0.24 0.00	35.08 -0.02 0.72	60.34 0.32 8.50	114.94 0.77 13.40	55.48 -0.17 5.85	37.63 -0.50 1.47	32.70 -0.53 0.00	27.29 -0.47 0.00	26.98 -0.37 0.00	25.85 -0.45 0.00	24.15 -0.47 0.00	20.90 -0.44 0.00	22.19 -0.48 0.00	28.00 -0.49 0.00	35.18 -0.34 0.00	44.10 -0.25 0.00	38.39 -0.24 0.00	35.75 -0.21 0.00	36.75 -0.29 0.00	35.03 -0.33 0.00
NEG MILLWOOD___DRP 24198	31.61 1.23 0.00	33.39 1.24 0.00	33.25 1.28 0.00	31.39 1.33 0.00	31.15 1.37 0.00	37.19 1.77 0.40	67.18 3.41 4.74	126.67 6.57 7.48	61.60 3.36 3.27	41.02 2.24 0.82	35.08 1.84 0.00	29.31 1.55 0.00	28.83 1.47 0.00	27.78 1.49 0.00	26.06 1.44 0.00	22.65 1.31 0.00	24.11 1.44 0.00	30.24 1.75 0.00	37.55 2.03 0.00	47.18 2.84 0.00	40.93 2.30 0.00	38.06 2.10 0.00	39.08 2.04 0.00	37.15 1.79 0.00
NEG NORTH_FLCN_SEA 23793	29.60 -0.78 0.00	32.28 0.13 0.00	31.80 -0.18 0.00	-20.48 -1.16 49.37	-20.49 -1.16 49.12	-13.17 -1.81 47.19	42.12 -2.45 23.95	121.61 -3.69 2.28	59.23 -1.28 1.00	38.33 -1.03 0.25	32.24 -0.99 0.00	26.74 -1.03 0.00	26.29 -1.07 0.00	25.11 -1.19 0.00	19.43 -1.17 4.01	0.20 -1.03 20.11	18.32 -1.07 3.28	27.43 -1.06 0.00	34.55 -0.97 0.00	43.95 -0.40 0.00	39.37 0.74 0.00	35.64 -0.33 0.00	36.26 -0.78 0.00	34.67 -0.68 0.00
NEG NORTH_KES_CHATEGAY 23792	29.86 -0.52 0.00	32.22 0.07 0.00	31.81 -0.16 0.00	-22.93 -0.85 52.14	-22.90 -0.79 51.88	-15.13 -1.12 49.85	41.52 -1.70 25.29	122.35 -2.81 2.41	59.38 -1.07 1.06	38.50 -0.84 0.26	32.43 -0.81 0.00	27.03 -0.73 0.00	26.54 -0.82 0.00	25.48 -0.82 0.00	19.59 -0.79 4.24	-0.67 -0.77 21.24	18.41 -0.79 3.47	27.67 -0.82 0.00	34.74 -0.79 0.00	43.96 -0.39 0.00	39.08 0.45 0.00	35.67 -0.29 0.00	36.58 -0.46 0.00	35.03 -0.32 0.00
NEG NORTH___ALICE_FALLS 23915	29.83 -0.54 0.00	32.47 0.32 0.00	31.97 0.00 0.00	-20.67 -0.91 49.81	-20.67 -0.89 49.56	-13.21 -1.42 47.61	42.59 -1.76 24.16	122.84 -2.43 2.30	59.82 -0.68 1.01	38.67 -0.69 0.25	32.49 -0.74 0.00	26.99 -0.77 0.00	26.51 -0.85 0.00	25.32 -0.97 0.00	19.61 -0.96 4.05	0.19 -0.87 20.29	18.47 -0.90 3.31	27.63 -0.85 0.00	34.84 -0.68 0.00	44.28 -0.06 0.00	39.58 0.95 0.00	35.89 -0.07 0.00	36.60 -0.45 0.00	35.00 -0.35 0.00
NEG NORTH___LWR_SARANAC 23913	29.83 -0.54 0.00	32.47 0.32 0.00	31.97 0.00 0.00	-20.67 -0.91 49.81	-20.67 -0.89 49.56	-13.21 -1.42 47.61	42.59 -1.76 24.16	122.84 -2.43 2.30	59.82 -0.68 1.01	38.67 -0.69 0.25	32.49 -0.74 0.00	26.99 -0.77 0.00	26.51 -0.85 0.00	25.32 -0.97 0.00	19.61 -0.96 4.05	0.19 -0.87 20.29	18.47 -0.90 3.31	27.63 -0.85 0.00	34.84 -0.68 0.00	44.28 -0.06 0.00	39.58 0.95 0.00	35.89 -0.07 0.00	36.60 -0.45 0.00	35.00 -0.35 0.00
NEG NORTH___PLATTSBURG 23628	29.84 -0.54 0.00	32.47 0.32 0.00	31.97 0.00 0.00	-20.67 -0.92 49.81	-20.68 -0.90 49.56	-13.22 -1.43 47.61	42.58 -1.77 24.16	122.83 -2.44 2.30	59.82 -0.68 1.01	38.67 -0.69 0.25	32.49 -0.74 0.00	26.99 -0.78 0.00	26.51 -0.85 0.00	25.32 -0.98 0.00	19.61 -0.96 4.05	0.18 -0.87 20.29	18.47 -0.89 3.31	27.63 -0.85 0.00	34.84 -0.68 0.00	44.29 -0.06 0.00	39.58 0.95 0.00	35.89 -0.07 0.00	36.59 -0.45 0.00	35.00 -0.36 0.00
NEG WEST_LEA_LOCKPORT 23791	28.81 -1.56 0.00	30.61 -1.54 0.00	30.12 -1.86 0.00	28.22 -1.83 0.00	28.07 -1.71 0.00	33.21 -1.56 1.06	52.93 -3.20 12.38	102.01 -6.05 19.52	49.95 -3.03 8.52	35.32 -2.15 2.14	31.65 -1.59 0.00	26.27 -1.49 0.00	25.59 -1.77 0.00	24.10 -2.19 0.00	22.52 -2.11 0.00	19.44 -1.90 0.00	20.54 -2.13 0.00	25.85 -2.64 0.00	32.53 -3.00 0.00	40.36 -3.99 0.00	34.85 -3.78 0.00	32.27 -3.70 0.00	29.03 -3.67 4.34	24.89 -3.36 7.10
NEG WEST___LANCASTER 23811	29.73 -0.64 0.00	31.58 -0.56 0.00	31.14 -0.84 0.00	29.30 -0.76 0.00	28.99 -0.79 0.00	34.25 -0.57 1.01	55.51 -1.19 11.83	106.81 -2.12 18.64	52.09 -1.28 8.14	36.69 -0.87 2.04	32.82 -0.41 0.00	27.28 -0.49 0.00	26.60 -0.76 0.00	25.16 -1.14 0.00	23.59 -1.03 0.00	20.38 -0.97 0.00	21.56 -1.10 0.00	27.08 -1.41 0.00	33.94 -1.59 0.00	42.16 -2.19 0.00	36.31 -2.32 0.00	33.70 -2.27 0.00	32.78 -2.30 1.96	29.89 -2.26 3.21
NEG_PENN_ALLEGHNY 23528	30.06 -0.31 0.00	31.80 -0.35 0.00	31.60 -0.38 0.00	29.83 -0.23 0.00	29.46 -0.32 0.00	34.88 -0.23 0.73	59.82 -0.18 8.52	113.98 -0.17 13.42	55.28 -0.37 5.86	37.78 -0.35 1.47	32.95 -0.28 0.00	27.51 -0.25 0.00	27.03 -0.33 0.00	25.94 -0.35 0.00	24.39 -0.23 0.00	21.13 -0.21 0.00	22.46 -0.21 0.00	28.27 -0.22 0.00	35.34 -0.18 0.00	44.26 -0.09 0.00	38.28 -0.35 0.00	35.63 -0.34 0.00	36.63 -0.41 0.00	34.83 -0.52 0.00
NEG___GEN_MONROE 24207	29.82 -0.55 0.00	31.60 -0.55 0.00	31.21 -0.76 0.00	29.27 -0.79 0.00	29.09 -0.69 0.00	34.34 -0.39 1.10	55.15 -0.45 12.92	106.39 -0.83 20.36	51.76 -0.86 8.89	36.46 -0.92 2.23	32.50 -0.73 0.00	27.01 -0.75 0.00	26.41 -0.95 0.00	25.02 -1.27 0.00	23.37 -1.26 0.00	20.20 -1.15 0.00	21.37 -1.30 0.00	26.96 -1.52 0.00	33.97 -1.55 0.00	42.43 -1.92 0.00	36.76 -1.88 0.00	34.15 -1.82 0.00	34.52 -1.80 0.72	32.54 -1.64 1.18

NEPA___ENERGY 23901	29.48 -0.90 0.00	31.31 -0.84 0.00	30.85 -1.13 0.00	29.33 -0.73 0.00	28.85 -0.93 0.00	34.14 -0.69 1.00	55.87 -0.90 11.74	107.96 -1.12 18.50	52.20 -1.22 8.08	36.59 -0.99 2.03	32.68 -0.56 0.00	27.19 -0.57 0.00	26.43 -0.93 0.00	25.23 -1.07 0.00	23.83 -0.79 0.00	20.62 -0.72 0.00	21.90 -0.77 0.00	27.42 -1.07 0.00	34.16 -1.37 0.00	42.46 -1.88 0.00	36.16 -2.48 0.00	33.48 -2.49 0.00	32.62 -2.52 1.90	29.56 -2.69 3.11
NEVERSink___HYD 23608	31.76 1.38 0.00	33.58 1.43 0.00	33.47 1.49 0.00	31.60 1.54 0.00	31.36 1.58 0.00	37.49 2.07 0.41	67.81 4.08 4.79	127.60 7.57 7.55	61.76 3.55 3.30	40.98 2.20 0.83	34.92 1.69 0.00	29.12 1.35 0.00	28.64 1.28 0.00	27.44 1.15 0.00	25.61 0.99 0.00	22.24 0.90 0.00	23.71 1.04 0.00	29.90 1.41 0.00	37.32 1.79 0.00	46.91 2.57 0.00	40.71 2.08 0.00	37.83 1.86 0.00	38.85 1.81 0.00	36.94 1.59 0.00
NEWKRMKL_115KV_TB1 55635	30.81 0.43 0.00	32.55 0.40 0.00	32.39 0.42 0.00	30.55 0.50 0.00	30.36 0.58 0.00	36.12 0.68 0.39	64.93 1.02 4.60	122.11 1.79 7.26	59.42 1.08 3.17	39.66 0.85 0.79	34.00 0.76 0.00	28.44 0.68 0.00	28.02 0.66 0.00	26.95 0.65 0.00	25.22 0.60 0.00	21.90 0.55 0.00	23.27 0.60 0.00	29.18 0.69 0.00	36.28 0.75 0.00	45.32 0.98 0.00	39.40 0.77 0.00	36.81 0.85 0.00	37.84 0.79 0.00	36.08 0.72 0.00
NEWTON___FALLS_HYD 23847	29.38 -0.99 0.00	31.15 -0.99 0.00	31.04 -0.94 0.00	34.32 -0.92 -5.18	34.07 -0.86 -5.15	39.37 -1.01 -4.55	65.58 -1.40 1.53	118.71 -2.69 6.17	56.91 -1.87 2.73	37.20 -1.74 0.67	31.45 -1.79 0.00	26.15 -1.62 0.00	25.70 -1.66 0.00	24.71 -1.58 0.00	23.43 -1.61 -0.42	22.02 -1.43 -2.11	21.54 -1.45 -0.33	27.02 -1.47 0.00	34.36 -1.16 0.00	43.58 -0.76 0.00	38.16 -0.47 0.00	35.42 -0.54 0.00	36.50 -0.54 0.00	34.99 -0.36 0.00
NGRID_A1_DSASP 323792	28.60 -1.78 0.00	30.37 -1.77 0.00	29.86 -2.12 0.00	27.95 -2.10 0.00	27.82 -1.96 0.00	32.92 -1.86 1.06	52.21 -3.91 12.39	100.43 -7.61 19.53	49.31 -3.67 8.53	35.06 -2.40 2.14	31.42 -1.81 0.00	26.11 -1.65 0.00	25.44 -1.92 0.00	23.93 -2.36 0.00	22.34 -2.28 0.00	19.28 -2.06 0.00	20.36 -2.31 0.00	25.59 -2.90 0.00	32.11 -3.42 0.00	39.71 -4.64 0.00	34.30 -4.33 0.00	31.81 -4.16 0.00	29.60 -4.04 3.40	26.18 -3.62 5.55
NGRID_A2_DSASP 323793	28.60 -1.78 0.00	30.37 -1.77 0.00	29.86 -2.12 0.00	27.95 -2.10 0.00	27.82 -1.96 0.00	32.92 -1.86 1.06	52.21 -3.91 12.39	100.43 -7.61 19.53	49.31 -3.67 8.53	35.06 -2.40 2.14	31.42 -1.81 0.00	26.11 -1.65 0.00	25.44 -1.92 0.00	23.93 -2.36 0.00	22.34 -2.28 0.00	19.28 -2.06 0.00	20.36 -2.31 0.00	25.59 -2.90 0.00	32.11 -3.42 0.00	39.71 -4.64 0.00	34.30 -4.33 0.00	31.81 -4.16 0.00	29.60 -4.04 3.40	26.18 -3.62 5.55
NGRID_A4_DSASP 323807	28.60 -1.78 0.00	30.37 -1.77 0.00	29.86 -2.12 0.00	27.95 -2.10 0.00	27.82 -1.96 0.00	32.92 -1.86 1.06	52.21 -3.91 12.39	100.43 -7.61 19.53	49.31 -3.67 8.53	35.06 -2.40 2.14	31.42 -1.81 0.00	26.11 -1.65 0.00	25.44 -1.92 0.00	23.93 -2.36 0.00	22.34 -2.28 0.00	19.28 -2.06 0.00	20.36 -2.31 0.00	25.59 -2.90 0.00	32.11 -3.42 0.00	39.71 -4.64 0.00	34.30 -4.33 0.00	31.81 -4.16 0.00	29.60 -4.04 3.40	26.18 -3.62 5.55
NIAGARA_115E_LBMP 323715	28.52 -1.86 0.00	30.29 -1.85 0.00	29.77 -2.21 0.00	27.86 -2.19 0.00	27.75 -2.03 0.00	32.80 -1.97 1.06	51.97 -4.18 12.37	100.07 -8.02 19.49	49.09 -3.90 8.51	34.88 -2.59 2.13	31.29 -1.95 0.00	26.00 -1.77 0.00	25.33 -2.03 0.00	23.83 -2.46 0.00	22.24 -2.38 0.00	19.22 -2.13 0.00	20.30 -2.38 0.00	25.49 -2.99 0.00	32.04 -3.48 0.00	39.62 -4.73 0.00	34.24 -4.39 0.00	31.75 -4.21 0.00	29.48 -4.16 3.40	26.03 -3.75 5.57
NIAGARA_115W_LBMP 323714	28.51 -1.86 0.00	30.28 -1.86 0.00	29.77 -2.21 0.00	27.87 -2.19 0.00	27.74 -2.04 0.00	32.82 -1.95 1.06	51.98 -4.13 12.40	100.04 -7.99 19.55	49.13 -3.85 8.53	34.94 -2.52 2.14	31.33 -1.91 0.00	26.03 -1.73 0.00	25.36 -2.00 0.00	23.86 -2.43 0.00	22.27 -2.35 0.00	19.22 -2.12 0.00	20.30 -2.37 0.00	25.51 -2.97 0.00	32.01 -3.51 0.00	39.58 -4.76 0.00	34.19 -4.44 0.00	31.71 -4.25 0.00	29.46 -4.15 3.43	26.04 -3.74 5.58
NIAGARA_230_LBMP 323716	28.75 -1.63 0.00	30.55 -1.60 0.00	30.05 -1.92 0.00	28.15 -1.90 0.00	28.00 -1.78 0.00	33.11 -1.66 1.06	52.68 -3.38 12.45	101.39 -6.56 19.63	49.73 -3.21 8.57	35.32 -2.14 2.15	31.63 -1.61 0.00	26.28 -1.49 0.00	25.60 -1.76 0.00	24.11 -2.18 0.00	22.51 -2.11 0.00	19.44 -1.91 0.00	20.54 -2.14 0.00	25.80 -2.69 0.00	32.37 -3.15 0.00	40.06 -4.29 0.00	34.59 -4.04 0.00	32.09 -3.88 0.00	29.76 -3.72 3.55	26.23 -3.31 5.81
NIAGARA___115KV_198_GIBSON 55903	28.51 -1.86 0.00	30.28 -1.87 0.00	29.77 -2.21 0.00	27.87 -2.19 0.00	27.73 -2.05 0.00	32.80 -1.97 1.06	51.95 -4.16 12.40	99.98 -8.05 19.55	49.07 -3.90 8.53	34.90 -2.56 2.14	31.33 -1.91 0.00	26.03 -1.73 0.00	25.35 -2.01 0.00	23.86 -2.44 0.00	22.27 -2.35 0.00	19.22 -2.12 0.00	20.30 -2.38 0.00	25.51 -2.98 0.00	32.00 -3.53 0.00	39.58 -4.76 0.00	34.19 -4.44 0.00	31.71 -4.25 0.00	29.42 -4.19 3.43	25.94 -3.83 5.58
NIAGARA___ 23760	28.75 -1.63 0.00	30.55 -1.60 0.00	30.05 -1.92 0.00	28.15 -1.90 0.00	28.00 -1.78 0.00	33.11 -1.66 1.06	52.72 -3.38 12.41	101.45 -6.56 19.57	49.75 -3.21 8.55	35.32 -2.14 2.14	31.63 -1.61 0.00	26.28 -1.49 0.00	25.60 -1.76 0.00	24.11 -2.18 0.00	22.51 -2.11 0.00	19.44 -1.91 0.00	20.54 -2.14 0.00	25.80 -2.69 0.00	32.37 -3.15 0.00	40.06 -4.29 0.00	34.59 -4.04 0.00	32.09 -3.88 0.00	29.86 -3.72 3.45	26.43 -3.31 5.61
NINE_MILE_1 23575	29.43 -0.95 0.00	31.12 -1.03 0.00	30.93 -1.05 0.00	29.06 -1.00 0.00	28.73 -1.05 0.00	31.19 -1.24 3.39	26.48 -2.23 39.81	60.72 -4.13 62.72	32.00 -2.12 27.39	31.28 -1.46 6.87	32.04 -1.20 0.00	26.79 -0.97 0.00	26.52 -0.84 0.00	25.44 -0.85 0.00	23.82 -0.80 0.00	20.64 -0.70 0.00	21.90 -0.77 0.00	27.50 -0.99 0.00	34.31 -1.22 0.00	42.85 -1.50 0.00	37.20 -1.43 0.00	34.68 -1.28 0.00	35.71 -1.33 0.00	34.12 -1.24 0.00
NINE_MILE_2 23744	29.42 -0.96 0.00	31.11 -1.03 0.00	30.92 -1.05 0.00	29.05 -1.00 0.00	28.73 -1.05 0.00	31.15 -1.25 3.43	26.07 -2.24 40.21	60.08 -4.14 63.36	31.71 -2.13 27.66	31.21 -1.46 6.94	32.03 -1.20 0.00	26.79 -0.98 0.00	26.52 -0.84 0.00	25.44 -0.85 0.00	23.82 -0.80 0.00	20.64 -0.70 0.00	21.90 -0.77 0.00	27.50 -0.99 0.00	34.31 -1.22 0.00	42.85 -1.50 0.00	37.20 -1.43 0.00	34.68 -1.28 0.00	35.70 -1.34 0.00	34.12 -1.24 0.00
NM_CAPITAL___DRP 24208	30.83 0.45 0.00	32.57 0.43 0.00	32.42 0.45 0.00	30.58 0.53 0.00	30.38 0.60 0.00	36.14 0.71 0.39	64.90 0.99 4.60	122.06 1.74 7.26	59.43 1.09 3.17	39.70 0.89 0.79	34.03 0.80 0.00	28.48 0.71 0.00	28.07 0.71 0.00	27.00 0.71 0.00	25.27 0.64 0.00	21.93 0.59 0.00	23.29 0.62 0.00	29.19 0.70 0.00	36.26 0.74 0.00	45.29 0.95 0.00	39.39 0.75 0.00	36.83 0.86 0.00	37.87 0.83 0.00	36.11 0.75 0.00

NM_CENTRAL___DRP 24181	29.90 -0.47 0.00	31.62 -0.53 0.00	31.41 -0.56 0.00	29.54 -0.51 0.00	29.23 -0.55 0.00	34.44 -0.56 0.83	57.94 -0.83 9.74	110.76 -1.46 15.36	53.92 -0.88 6.71	37.18 -0.74 1.68	32.59 -0.64 0.00	27.24 -0.52 0.00	26.88 -0.48 0.00	25.77 -0.52 0.00	24.13 -0.49 0.00	20.90 -0.44 0.00	22.19 -0.48 0.00	27.92 -0.56 0.00	34.90 -0.62 0.00	43.62 -0.73 0.00	37.84 -0.79 0.00	35.33 -0.63 0.00	36.34 -0.70 0.00	34.67 -0.69 0.00
NM_FRONTIER___DRP 24179	28.51 -1.86 0.00	30.28 -1.87 0.00	29.77 -2.21 0.00	27.87 -2.19 0.00	27.73 -2.05 0.00	32.80 -1.97 1.06	51.95 -4.16 12.40	99.98 -8.05 19.55	49.07 -3.90 8.53	34.90 -2.56 2.14	31.33 -1.91 0.00	26.03 -1.73 0.00	25.35 -2.01 0.00	23.86 -2.44 0.00	22.27 -2.35 0.00	19.22 -2.12 0.00	20.30 -2.38 0.00	25.51 -2.98 0.00	32.00 -3.53 0.00	39.58 -4.76 0.00	34.19 -4.44 0.00	31.71 -4.25 0.00	29.42 -4.19 3.43	25.94 -3.83 5.58
NM_ST_REGIS___HYD 24053	30.00 -0.37 0.00	32.00 -0.14 0.00	31.77 -0.20 0.00	42.24 -0.51 -12.69	41.93 -0.47 -12.62	46.93 -0.72 -11.81	70.95 -1.00 -3.43	122.00 -1.82 3.76	58.74 -1.09 1.68	38.29 -0.92 0.40	32.34 -0.90 0.00	26.96 -0.81 0.00	26.44 -0.92 0.00	25.40 -0.89 0.00	24.77 -0.88 -1.03	25.69 -0.83 -5.17	22.60 -0.88 -0.82	27.55 -0.93 0.00	34.73 -0.79 0.00	43.74 -0.61 0.00	38.61 -0.02 0.00	35.72 -0.25 0.00	36.86 -0.18 0.00	35.34 -0.02 0.00
NORTHPORT___1 23551	34.44 1.01 -3.05	33.10 0.95 0.00	33.07 1.09 0.00	31.17 1.12 0.00	31.01 1.23 0.00	36.50 1.44 0.77	62.03 2.26 8.74	124.08 3.98 7.48	60.62 2.38 3.27	40.64 1.86 0.82	35.15 1.84 -0.08	29.21 1.45 0.00	28.80 1.44 0.00	27.69 1.40 0.00	26.01 1.39 0.00	22.60 1.25 0.00	24.06 1.39 0.00	30.02 1.54 0.00	36.52 1.45 0.45	46.68 2.34 0.00	40.47 1.84 0.00	37.88 1.92 0.00	38.98 1.94 0.00	37.03 1.67 0.00
NORTHPORT___2 23552	34.44 1.01 -3.05	33.10 0.95 0.00	33.07 1.09 0.00	31.17 1.12 0.00	31.01 1.23 0.00	36.50 1.44 0.77	62.03 2.26 8.74	124.08 3.98 7.48	60.62 2.38 3.27	40.64 1.86 0.82	35.15 1.84 -0.08	29.21 1.45 0.00	28.80 1.44 0.00	27.69 1.40 0.00	26.01 1.39 0.00	22.60 1.25 0.00	24.06 1.39 0.00	30.02 1.54 0.00	36.52 1.45 0.45	46.68 2.34 0.00	40.47 1.84 0.00	37.88 1.92 0.00	38.98 1.94 0.00	37.03 1.67 0.00
NORTHPORT___3 23553	34.26 0.93 -2.96	33.01 0.87 0.00	32.96 0.98 0.00	31.08 1.02 0.00	30.89 1.11 0.00	36.32 1.27 0.77	61.70 1.91 8.72	123.39 3.30 7.48	60.29 2.05 3.27	40.46 1.68 0.82	35.02 1.70 -0.08	29.12 1.36 0.00	28.70 1.34 0.00	27.60 1.31 0.00	25.88 1.26 0.00	22.51 1.17 0.00	23.94 1.27 0.00	29.87 1.38 0.00	36.36 1.29 0.45	46.47 2.12 0.00	40.32 1.69 0.00	37.70 1.74 0.00	38.79 1.75 0.00	36.89 1.54 0.00
NORTHPORT___4 23650	34.26 0.93 -2.96	33.01 0.87 0.00	32.96 0.98 0.00	31.08 1.02 0.00	30.89 1.11 0.00	36.32 1.27 0.77	61.70 1.91 8.72	123.39 3.30 7.48	60.29 2.05 3.27	40.46 1.68 0.82	35.02 1.70 -0.08	29.12 1.36 0.00	28.70 1.34 0.00	27.60 1.31 0.00	25.88 1.26 0.00	22.51 1.17 0.00	23.94 1.27 0.00	29.87 1.38 0.00	36.36 1.29 0.45	46.47 2.12 0.00	40.32 1.69 0.00	37.70 1.74 0.00	38.79 1.75 0.00	36.89 1.54 0.00
NORTHPORT___IC 23718	34.44 1.01 -3.05	33.10 0.95 0.00	33.07 1.09 0.00	31.18 1.12 0.00	31.01 1.23 0.00	36.50 1.45 0.77	62.04 2.27 8.74	124.09 3.99 7.48	60.63 2.39 3.27	40.65 1.86 0.82	35.15 1.84 -0.08	29.22 1.45 0.00	28.80 1.44 0.00	27.69 1.40 0.00	26.01 1.39 0.00	22.60 1.26 0.00	24.06 1.39 0.00	30.02 1.54 0.00	36.52 1.45 0.45	46.69 2.34 0.00	40.47 1.84 0.00	37.89 1.92 0.00	39.00 1.96 0.00	37.05 1.69 0.00
NORTH___COUNTRY_ESR 323785	29.82 -0.56 0.00	32.16 0.02 0.00	31.75 -0.23 0.00	-23.03 -0.88 52.21	-22.99 -0.83 51.94	-15.26 -1.19 49.91	41.36 -1.83 25.32	122.07 -3.09 2.41	59.25 -1.20 1.06	38.44 -0.90 0.26	32.43 -0.81 0.00	27.03 -0.73 0.00	26.54 -0.82 0.00	25.48 -0.82 0.00	19.58 -0.79 4.24	-0.69 -0.77 21.27	18.41 -0.80 3.47	27.67 -0.82 0.00	34.73 -0.79 0.00	43.86 -0.49 0.00	38.94 0.31 0.00	35.55 -0.41 0.00	36.51 -0.53 0.00	34.99 -0.36 0.00
NPX_GEN_1385_PROXY 323591	34.16 0.73 -3.05	32.80 0.66 0.00	32.78 0.80 0.00	30.90 0.85 0.00	30.91 1.13 0.00	36.36 1.31 0.77	60.90 1.13 8.74	122.09 2.00 7.48	60.06 1.82 3.27	40.22 1.43 0.82	35.22 1.90 -0.08	29.11 1.35 0.00	28.76 1.40 0.00	27.61 1.32 0.00	25.94 1.32 0.00	22.53 1.19 0.00	23.98 1.31 0.00	29.72 1.24 0.00	35.84 0.76 0.45	45.83 1.48 0.00	39.76 1.13 0.00	37.70 1.74 0.00	38.86 1.82 0.00	36.91 1.55 0.00
NPX_GEN_CSC 323557	34.36 0.40 -3.59	32.45 0.31 0.00	32.56 0.58 0.00	30.65 0.60 0.00	30.51 0.73 0.00	35.84 0.78 0.77	60.92 1.09 8.69	122.21 2.11 7.48	59.48 1.24 3.27	40.08 1.30 0.82	34.50 1.17 -0.09	28.65 0.88 0.00	28.39 1.03 0.00	27.28 0.99 0.00	25.78 1.16 0.00	22.32 0.98 0.00	23.72 1.05 0.00	29.68 1.20 0.00	35.99 0.91 0.44	46.11 1.77 0.00	39.99 1.36 0.00	37.41 1.45 0.00	38.68 1.63 0.00	36.67 1.31 0.00
NSINS_S___GLNS_FALLS 23858	31.37 1.00 0.00	33.21 1.06 0.00	32.99 1.02 0.00	31.12 1.07 0.00	30.95 1.17 0.00	37.02 1.58 0.40	66.72 2.85 4.64	125.25 4.99 7.31	60.97 2.66 3.19	40.54 1.74 0.80	34.48 1.25 0.00	28.72 0.95 0.00	28.12 0.76 0.00	26.97 0.67 0.00	25.19 0.57 0.00	21.84 0.50 0.00	23.33 0.66 0.00	29.45 0.97 0.00	36.78 1.26 0.00	46.07 1.73 0.00	40.16 1.53 0.00	38.05 2.08 0.00	39.20 2.16 0.00	37.26 1.91 0.00
NUCOR_STEEL___DRP 24197	30.16 -0.22 0.00	31.89 -0.26 0.00	31.69 -0.29 0.00	29.95 -0.11 0.00	29.52 -0.26 0.00	35.09 -0.03 0.71	60.51 0.28 8.29	115.20 0.69 13.07	55.58 -0.22 5.70	37.66 -0.52 1.43	32.71 -0.53 0.00	27.30 -0.46 0.00	27.00 -0.36 0.00	25.87 -0.42 0.00	24.15 -0.47 0.00	20.91 -0.44 0.00	22.21 -0.46 0.00	28.00 -0.49 0.00	35.17 -0.36 0.00	44.05 -0.30 0.00	38.38 -0.25 0.00	35.74 -0.22 0.00	36.75 -0.29 0.00	35.03 -0.33 0.00
NUMBER_THREE_WT_PWR 323818	29.30 -1.07 0.00	30.97 -1.18 0.00	30.89 -1.09 0.00	31.45 -0.92 -2.31	31.30 -0.78 -2.30	36.79 -0.76 -1.71	63.25 -0.83 4.43	117.49 -1.42 8.67	56.35 -1.36 3.80	37.05 -1.61 0.94	31.42 -1.82 0.00	26.08 -1.68 0.00	25.70 -1.66 0.00	24.71 -1.58 0.00	23.13 -1.68 -0.19	20.81 -1.48 -0.94	21.37 -1.44 -0.14	27.21 -1.28 0.00	34.86 -0.67 0.00	44.52 0.17 0.00	38.73 0.10 0.00	35.92 -0.04 0.00	36.93 -0.11 0.00	35.41 0.06 0.00
NYISO_LBMP_REFERENCE 24008	30.37 0.00 0.00	32.14 0.00 0.00	31.98 0.00 0.00	30.06 0.00 0.00	29.78 0.00 0.00	35.83 0.00 0.00	68.52 0.00 0.00	127.57 0.00 0.00	61.51 0.00 0.00	39.60 0.00 0.00	33.24 0.00 0.00	27.76 0.00 0.00	27.36 0.00 0.00	26.29 0.00 0.00	24.62 0.00 0.00	21.34 0.00 0.00	22.67 0.00 0.00	28.49 0.00 0.00	35.53 0.00 0.00	44.35 0.00 0.00	38.63 0.00 0.00	35.97 0.00 0.00	37.04 0.00 0.00	35.36 0.00 0.00

NYPA_BRENTWD____GT 24164	35.90 1.26 -4.26	33.35 1.20 0.00	33.32 1.34 0.00	31.40 1.35 0.00	31.24 1.46 0.00	36.81 1.74 0.76	62.91 3.01 8.62	125.65 5.56 7.48	61.29 3.05 3.27	41.01 2.23 0.82	35.38 2.04 -0.11	29.36 1.60 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.15 1.53 0.00	22.74 1.39 0.00	24.23 1.55 0.00	30.30 1.81 0.00	36.96 1.87 0.44	47.27 2.92 0.00	40.98 2.35 0.00	38.29 2.32 0.00	39.39 2.35 0.00	37.36 2.01 0.00
NYPA_GOWANUS____GT5 24156	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NYPA_GOWANUS____GT6 24157	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.40 7.33 4.51	70.36 3.87 -4.98	58.20 2.66 -15.94	66.04 2.26 -30.54	56.72 1.87 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.46 2.26 -23.16	56.57 1.97 -19.24
NYPA_HARLEM__RVR__GT1 24160	31.42 1.04 -0.01	33.17 1.02 -0.01	33.10 1.11 -0.01	31.26 1.20 -0.01	31.03 1.24 -0.01	36.98 1.55 0.40	66.51 2.75 4.75	125.64 5.55 7.48	61.24 3.00 3.27	40.87 2.08 0.81	35.08 1.83 -0.01	29.37 1.60 0.00	28.88 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.47 0.00	30.21 1.72 0.00	37.41 1.88 0.00	46.98 2.63 0.00	40.73 2.10 0.00	37.88 1.91 0.00	38.85 1.81 0.00	36.92 1.56 0.00
NYPA_HARLEM__RVR__GT2 24161	31.42 1.04 -0.01	33.17 1.02 -0.01	33.10 1.11 -0.01	31.26 1.20 -0.01	31.03 1.24 -0.01	36.98 1.55 0.40	66.51 2.75 4.75	125.64 5.55 7.48	61.24 3.00 3.27	40.87 2.08 0.81	35.08 1.83 -0.01	29.37 1.60 0.00	28.88 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.47 0.00	30.21 1.72 0.00	37.41 1.88 0.00	46.98 2.63 0.00	40.73 2.10 0.00	37.88 1.91 0.00	38.85 1.81 0.00	36.92 1.56 0.00
NYPA_KENT____GT 24152	46.85 1.37 -15.10	46.60 1.36 -13.09	46.58 1.46 -13.14	45.82 1.52 -14.25	45.73 1.56 -14.39	48.53 1.95 -10.75	68.41 3.55 3.66	128.87 6.98 5.69	66.90 3.70 -1.70	51.71 2.55 -9.56	57.66 2.19 -22.24	49.95 1.83 -20.35	51.79 1.75 -22.69	52.08 1.75 -24.04	54.40 1.71 -28.07	50.97 1.53 -28.09	47.88 1.66 -23.55	63.41 1.95 -32.97	65.56 2.21 -27.82	77.24 3.09 -29.80	75.83 2.48 -34.72	74.22 2.23 -36.02	53.14 2.16 -13.94	48.86 1.88 -11.62
NYPA_POUCH1____GT 24155	55.94 1.40 -24.16	55.28 1.39 -21.74	55.29 1.47 -21.84	55.27 1.54 -23.67	55.27 1.58 -23.91	55.92 1.96 -18.13	69.04 3.46 2.94	130.04 6.97 4.51	70.18 3.69 -4.98	58.09 2.54 -15.94	59.30 2.14 -23.93	56.62 1.77 -27.09	56.52 1.69 -27.48	56.52 1.70 -28.52	56.50 1.67 -30.21	56.38 1.49 -33.55	55.82 1.62 -31.53	64.30 1.90 -33.91	82.00 2.18 -44.29	96.30 3.08 -48.88	96.32 2.46 -55.23	96.33 2.25 -58.11	62.38 2.17 -23.16	56.49 1.89 -19.24
NYPA_VERNON____GT2 24162	37.71 1.29 -6.05	37.85 1.27 -4.43	37.81 1.38 -4.45	36.31 1.43 -4.83	36.13 1.47 -4.88	41.05 1.85 -3.37	67.55 3.41 4.38	127.33 6.63 6.88	63.45 3.53 1.58	45.22 2.44 -3.18	49.29 2.12 -13.93	43.16 1.79 -13.61	46.96 1.70 -17.90	47.55 1.70 -19.56	52.22 1.66 -25.93	45.47 1.49 -22.63	39.87 1.62 -15.58	54.09 1.91 -23.69	49.00 2.13 -11.35	58.05 2.97 -10.73	55.23 2.38 -14.22	52.03 2.14 -13.92	43.81 2.06 -4.72	41.15 1.80 -4.00
NYPA_VERNON____GT3 24163	37.71 1.29 -6.05	37.85 1.27 -4.43	37.81 1.38 -4.45	36.31 1.43 -4.83	36.13 1.47 -4.88	41.05 1.85 -3.37	67.55 3.41 4.38	127.33 6.63 6.88	63.45 3.53 1.58	45.22 2.44 -3.18	49.29 2.12 -13.93	43.16 1.79 -13.61	46.96 1.70 -17.90	47.55 1.70 -19.56	52.22 1.66 -25.93	45.47 1.49 -22.63	39.87 1.62 -15.58	54.09 1.91 -23.69	49.00 2.13 -11.35	58.05 2.97 -10.73	55.23 2.38 -14.22	52.03 2.14 -13.92	43.81 2.06 -4.72	41.15 1.80 -4.00
NYPA__ASTORIA_CC1 323568	32.77 1.26 -1.14	33.39 1.24 -0.01	33.33 1.34 -0.01	31.46 1.40 -0.01	31.23 1.44 -0.01	37.24 1.81 0.40	67.10 3.33 4.75	126.59 6.50 7.48	61.70 3.46 3.27	41.77 2.39 0.23	43.10 2.08 -7.79	37.70 1.76 -8.18	41.46 1.67 -12.43	41.86 1.68 -13.89	46.23 1.63 -19.98	38.77 1.47 -15.96	33.52 1.59 -9.25	45.60 1.87 -15.25	39.97 2.08 -2.36	48.05 2.92 -0.78	43.98 2.34 -3.01	40.18 2.10 -2.12	39.06 2.02 0.00	37.20 1.76 -0.08
NYPA__ASTORIA_CC2 323569	32.77 1.26 -1.14	33.39 1.24 -0.01	33.33 1.34 -0.01	31.46 1.40 -0.01	31.23 1.44 -0.01	37.24 1.81 0.40	67.10 3.33 4.75	126.59 6.50 7.48	61.70 3.46 3.27	41.77 2.39 0.23	43.10 2.08 -7.79	37.70 1.76 -8.18	41.46 1.67 -12.43	41.86 1.68 -13.89	46.23 1.63 -19.98	38.77 1.47 -15.96	33.52 1.59 -9.25	45.60 1.87 -15.25	39.97 2.08 -2.36	48.05 2.92 -0.78	43.98 2.34 -3.01	40.18 2.10 -2.12	39.06 2.02 0.00	37.20 1.76 -0.08
NYPA__HOLTSVILL 23794	34.82 0.90 -3.55	32.98 0.84 0.00	33.00 1.02 0.00	31.09 1.04 0.00	30.93 1.15 0.00	36.39 1.33 0.77	61.98 2.16 8.69	124.09 4.00 7.48	60.49 2.25 3.27	40.59 1.81 0.82	34.99 1.66 -0.09	29.06 1.30 0.00	28.68 1.32 0.00	27.57 1.28 0.00	25.94 1.32 0.00	22.53 1.19 0.00	23.99 1.32 0.00	30.01 1.52 0.00	36.52 1.44 0.45	46.74 2.39 0.00	40.53 1.90 0.00	37.89 1.92 0.00	39.02 1.97 0.00	37.01 1.66 0.00
NYPA__HELLGATE_GT1 24158	31.42 1.04 -0.01	33.17 1.02 -0.01	33.10 1.11 -0.01	31.26 1.20 -0.01	31.03 1.24 -0.01	36.98 1.55 0.40	66.52 2.75 4.75	125.64 5.55 7.48	61.24 3.00 3.27	40.87 2.08 0.81	35.08 1.83 -0.01	29.37 1.60 0.00	28.88 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.47 0.00	30.21 1.72 0.00	37.41 1.88 0.00	46.98 2.63 0.00	40.73 2.10 0.00	37.88 1.91 0.00	38.85 1.81 0.00	36.92 1.56 0.00
NYPA__HELLGATE_GT2 24159	31.42 1.04 -0.01	33.17 1.02 -0.01	33.10 1.11 -0.01	31.26 1.20 -0.01	31.03 1.24 -0.01	36.98 1.55 0.40	66.52 2.75 4.75	125.64 5.55 7.48	61.24 3.00 3.27	40.87 2.08 0.81	35.08 1.83 -0.01	29.37 1.60 0.00	28.88 1.52 -0.01	27.82 1.53 0.00	26.13 1.50 -0.01	22.69 1.35 0.00	24.15 1.47 0.00	30.21 1.72 0.00	37.41 1.88 0.00	46.98 2.63 0.00	40.73 2.10 0.00	37.88 1.91 0.00	38.85 1.81 0.00	36.92 1.56 0.00
NYS_BARGE__HYD 23848	28.88 -1.50 0.00	30.67 -1.47 0.00	30.16 -1.82 0.00	28.25 -1.80 0.00	28.12 -1.66 0.00	33.28 -1.49 1.06	53.00 -3.09 12.42	102.13 -5.87 19.57	50.03 -2.93 8.55	35.38 -2.08 2.14	31.68 -1.55 0.00	26.30 -1.46 0.00	25.62 -1.74 0.00	24.13 -2.16 0.00	22.53 -2.09 0.00	19.46 -1.89 0.00	20.56 -2.11 0.00	25.86 -2.63 0.00	32.55 -2.97 0.00	40.37 -3.98 0.00	34.88 -3.75 0.00	32.31 -3.65 0.00	29.83 -3.59 3.63	26.18 -3.24 5.94

OAK ORCHARD___HYD 24046	29.62 -0.76 0.00	31.40 -0.74 0.00	31.03 -0.95 0.00	29.12 -0.94 0.00	28.90 -0.88 0.00	34.04 -0.69 1.10	54.47 -1.11 12.94	105.16 -2.03 20.39	51.37 -1.24 8.90	36.30 -1.07 2.23	32.41 -0.83 0.00	26.98 -0.79 0.00	26.41 -0.95 0.00	25.06 -1.23 0.00	23.41 -1.21 0.00	20.23 -1.11 0.00	21.42 -1.25 0.00	26.99 -1.49 0.00	33.92 -1.61 0.00	42.27 -2.08 0.00	36.60 -2.03 0.00	34.03 -1.94 0.00	35.16 -1.88 0.00	33.67 -1.69 0.00
OAKDALE___35_KV_LOAD 356122	30.05 -0.32 0.00	31.78 -0.36 0.00	31.58 -0.40 0.00	29.80 -0.25 0.00	29.44 -0.34 0.00	34.84 -0.26 0.73	59.64 -0.31 8.57	113.64 -0.43 13.51	55.13 -0.48 5.90	37.72 -0.41 1.48	32.93 -0.30 0.00	27.49 -0.27 0.00	27.02 -0.34 0.00	25.94 -0.36 0.00	24.38 -0.25 0.00	21.13 -0.22 0.00	22.45 -0.22 0.00	28.24 -0.25 0.00	35.28 -0.25 0.00	44.18 -0.16 0.00	38.21 -0.42 0.00	35.57 -0.39 0.00	36.59 -0.46 0.00	34.79 -0.56 0.00
OCC_CHEM___DRP 24175	28.60 -1.78 0.00	30.37 -1.78 0.00	29.86 -2.12 0.00	27.95 -2.11 0.00	27.80 -1.98 0.00	32.90 -1.87 1.06	52.17 -3.95 12.39	100.38 -7.67 19.53	49.27 -3.71 8.53	35.02 -2.44 2.14	31.42 -1.81 0.00	26.10 -1.66 0.00	25.43 -1.93 0.00	23.93 -2.36 0.00	22.33 -2.28 0.00	19.28 -2.07 0.00	20.36 -2.31 0.00	25.58 -2.90 0.00	32.09 -3.43 0.00	39.70 -4.65 0.00	34.29 -4.34 0.00	31.81 -4.16 0.00	29.54 -4.09 3.40	26.09 -3.71 5.55
OH_GEN_PROXY 24063	28.81 -1.57 0.00	30.60 -1.54 0.00	30.11 -1.86 0.00	28.22 -1.84 0.00	28.06 -1.72 0.00	33.17 -1.60 1.06	52.86 -3.22 12.45	101.76 -6.20 19.61	49.88 -3.06 8.57	35.41 -2.05 2.15	31.71 -1.53 0.00	26.35 -1.42 0.00	25.68 -1.68 0.00	24.19 -2.10 0.00	22.59 -2.03 0.00	19.51 -1.83 0.00	20.61 -2.06 0.00	25.89 -2.60 0.00	32.47 -3.06 0.00	40.21 -4.14 0.00	34.72 -3.91 0.00	32.20 -3.76 0.00	30.28 -3.62 3.14	26.98 -3.24 5.14
OLIN_CORP_DRP 24177	28.58 -1.80 0.00	30.35 -1.80 0.00	29.82 -2.15 0.00	27.92 -2.14 0.00	27.79 -1.99 0.00	32.87 -1.91 1.05	52.13 -4.04 12.35	100.35 -7.77 19.46	49.22 -3.79 8.50	34.93 -2.54 2.13	31.36 -1.88 0.00	26.06 -1.71 0.00	25.38 -1.98 0.00	23.88 -2.41 0.00	22.30 -2.33 0.00	19.26 -2.09 0.00	20.34 -2.33 0.00	25.55 -2.93 0.00	32.10 -3.42 0.00	39.71 -4.64 0.00	34.32 -4.31 0.00	31.82 -4.14 0.00	29.59 -4.13 3.33	26.15 -3.75 5.45
OLIN_CORP_DSASP 323712	28.60 -1.78 0.00	30.37 -1.77 0.00	29.86 -2.12 0.00	27.95 -2.10 0.00	27.82 -1.96 0.00	32.92 -1.86 1.06	52.21 -3.91 12.39	100.43 -7.61 19.53	49.31 -3.67 8.53	35.06 -2.40 2.14	31.42 -1.81 0.00	26.11 -1.65 0.00	25.44 -1.92 0.00	23.93 -2.36 0.00	22.34 -2.28 0.00	19.28 -2.06 0.00	20.36 -2.31 0.00	25.59 -2.90 0.00	32.11 -3.42 0.00	39.71 -4.64 0.00	34.30 -4.33 0.00	31.81 -4.16 0.00	29.60 -4.04 3.40	26.18 -3.62 5.55
ONEIDA_HERK_LFGE 323681	30.30 -0.08 0.00	32.00 -0.15 0.00	31.88 -0.10 0.00	31.14 -0.01 -1.10	30.96 0.09 -1.10	36.62 0.26 -0.53	63.91 0.89 5.49	119.92 1.81 9.46	57.87 0.50 4.14	38.53 -0.04 1.03	32.91 -0.32 0.00	27.39 -0.37 0.00	26.99 -0.36 0.00	25.97 -0.33 0.00	24.29 -0.42 -0.09	21.41 -0.38 -0.45	22.44 -0.31 -0.07	28.45 -0.04 0.00	35.85 0.33 0.00	45.23 0.88 0.00	39.31 0.68 0.00	36.51 0.54 0.00	37.54 0.50 0.00	35.84 0.49 0.00
ONEIDA___115KV_TB4 55905	30.72 0.34 0.00	32.43 0.29 0.00	32.27 0.29 0.00	30.41 0.36 0.00	30.15 0.37 0.00	35.80 0.61 0.64	62.68 1.61 7.45	118.99 3.15 11.74	57.58 1.20 5.13	38.82 0.50 1.28	33.35 0.11 0.00	27.79 0.03 0.00	27.38 0.02 0.00	26.30 0.01 0.00	24.61 -0.01 0.00	21.33 -0.02 0.00	22.73 0.06 0.00	28.79 0.30 0.00	36.18 0.66 0.00	45.50 1.15 0.00	39.50 0.87 0.00	36.72 0.76 0.00	37.74 0.70 0.00	35.90 0.55 0.00
ONONDAGA_REF_OCCRA 23987	30.07 -0.31 0.00	31.79 -0.36 0.00	31.60 -0.38 0.00	29.72 -0.34 0.00	29.40 -0.38 0.00	34.70 -0.34 0.79	58.91 -0.37 9.23	112.46 -0.56 14.55	54.68 -0.47 6.35	37.51 -0.50 1.59	32.76 -0.48 0.00	27.37 -0.40 0.00	26.99 -0.37 0.00	25.89 -0.41 0.00	24.24 -0.38 0.00	21.00 -0.34 0.00	22.31 -0.37 0.00	28.08 -0.41 0.00	35.12 -0.40 0.00	43.95 -0.40 0.00	38.13 -0.50 0.00	35.57 -0.39 0.00	36.57 -0.47 0.00	34.88 -0.47 0.00
ONONDAGA___COGEN 23986	30.05 -0.32 0.00	31.78 -0.36 0.00	31.59 -0.39 0.00	29.72 -0.34 0.00	29.40 -0.38 0.00	34.81 -0.35 0.68	60.19 -0.38 7.94	114.39 -0.67 12.52	55.46 -0.58 5.47	37.63 -0.60 1.37	32.71 -0.53 0.00	27.33 -0.43 0.00	26.97 -0.39 0.00	25.87 -0.42 0.00	24.22 -0.40 0.00	20.99 -0.36 0.00	22.29 -0.38 0.00	28.05 -0.43 0.00	35.08 -0.45 0.00	43.86 -0.49 0.00	38.09 -0.54 0.00	35.52 -0.45 0.00	36.52 -0.52 0.00	34.83 -0.53 0.00
ONTARIO___LFGE 23819	29.85 -0.52 0.00	31.61 -0.53 0.00	31.37 -0.61 0.00	29.58 -0.48 0.00	29.28 -0.51 0.00	34.58 -0.33 0.91	57.58 -0.21 10.73	110.40 -0.26 16.91	53.55 -0.57 7.38	36.92 -0.83 1.85	32.41 -0.82 0.00	27.04 -0.72 0.00	26.55 -0.81 0.00	25.38 -0.91 0.00	23.82 -0.80 0.00	20.60 -0.75 0.00	21.87 -0.80 0.00	27.66 -0.82 0.00	34.92 -0.61 0.00	43.88 -0.47 0.00	37.92 -0.71 0.00	35.16 -0.80 0.00	38.38 -0.88 -2.22	38.02 -0.97 -3.63
ORANGEVILLE_WT_PWR 323706	27.86 -2.51 0.00	29.65 -2.50 0.00	29.46 -2.52 0.00	27.78 -2.28 0.00	27.48 -2.30 0.00	32.42 -2.45 0.96	52.93 -4.29 11.30	102.44 -7.33 17.81	49.86 -3.87 7.78	34.62 -3.03 1.95	30.74 -2.49 0.00	25.65 -2.11 0.00	25.09 -2.27 0.00	23.84 -2.45 0.01	22.45 -2.17 0.00	19.37 -1.97 0.00	20.49 -2.18 0.00	26.07 -2.42 0.00	33.03 -2.49 0.00	41.47 -2.88 0.00	35.57 -3.06 0.00	32.44 -3.52 0.00	9.26 -3.67 24.10	-7.64 -3.58 39.42
ORANGEVILLE___ESR 323794	27.86 -2.51 0.00	29.65 -2.50 0.00	29.46 -2.52 0.00	27.78 -2.28 0.00	27.48 -2.30 0.00	32.42 -2.45 0.96	52.93 -4.29 11.30	102.44 -7.33 17.81	49.86 -3.87 7.78	34.62 -3.03 1.95	30.74 -2.49 0.00	25.65 -2.11 0.00	25.09 -2.27 0.00	23.84 -2.45 0.01	22.45 -2.17 0.00	19.37 -1.97 0.00	20.49 -2.18 0.00	26.07 -2.42 0.00	33.03 -2.49 0.00	41.47 -2.88 0.00	35.57 -3.06 0.00	32.44 -3.52 0.00	9.26 -3.67 24.10	-7.64 -3.58 39.42
OSWEGATCHIE___HYD 24044	29.38 -0.99 0.00	31.15 -0.99 0.00	31.04 -0.94 0.00	34.32 -0.92 -5.18	34.07 -0.86 -5.15	39.37 -1.01 -4.55	65.58 -1.40 1.53	118.71 -2.69 6.17	56.91 -1.88 2.73	37.20 -1.74 0.67	31.45 -1.79 0.00	26.15 -1.62 0.00	25.70 -1.66 0.00	24.71 -1.58 0.00	23.43 -1.61 -0.42	22.02 -1.43 -2.11	21.54 -1.45 -0.33	27.02 -1.47 0.00	34.36 -1.16 0.00	43.58 -0.76 0.00	38.16 -0.47 0.00	35.42 -0.54 0.00	36.50 -0.54 0.00	34.99 -0.37 0.00
OSWEGO___5 23606	29.67 -0.71 0.00	31.38 -0.77 0.00	31.18 -0.79 0.00	29.31 -0.74 0.00	29.00 -0.78 0.00	35.40 -0.90 -0.46	72.40 -1.55 -5.44	133.29 -2.85 -8.57	63.72 -1.52 -3.74	39.45 -1.09 -0.94	32.32 -0.92 0.00	27.02 -0.75 0.00	26.65 -0.71 0.00	25.56 -0.73 0.00	23.93 -0.69 0.00	20.74 -0.61 0.00	22.01 -0.66 0.00	27.65 -0.84 0.00	34.52 -1.01 0.00	43.14 -1.21 0.00	37.46 -1.18 0.00	34.92 -1.05 0.00	35.94 -1.10 0.00	34.33 -1.03 0.00

OSWEGO___6 23613	29.67 -0.71 0.00	31.38 -0.77 0.00	31.18 -0.79 0.00	29.31 -0.74 0.00	29.00 -0.78 0.00	35.40 -0.90 -0.46	72.40 -1.55 -5.44	133.29 -2.85 -8.57	63.72 -1.52 -3.74	39.45 -1.09 -0.94	32.32 -0.92 0.00	27.02 -0.75 0.00	26.65 -0.71 0.00	25.56 -0.73 0.00	23.93 -0.69 0.00	20.74 -0.61 0.00	22.01 -0.66 0.00	27.65 -0.84 0.00	34.52 -1.01 0.00	43.14 -1.21 0.00	37.46 -1.18 0.00	34.92 -1.05 0.00	35.94 -1.10 0.00	34.33 -1.03 0.00
OUTOKUMPU-AB___DRP 24206	29.19 -1.18 0.00	31.00 -1.15 0.00	30.47 -1.51 0.00	28.56 -1.50 0.00	28.39 -1.39 0.00	33.63 -1.15 1.05	53.80 -2.40 12.31	103.60 -4.57 19.41	50.78 -2.26 8.47	35.88 -1.60 2.12	32.13 -1.10 0.00	26.68 -1.09 0.00	25.98 -1.38 0.00	24.47 -1.82 0.00	22.86 -1.77 0.00	19.73 -1.61 0.00	20.85 -1.82 0.00	26.23 -2.26 0.00	32.96 -2.57 0.00	40.85 -3.50 0.00	35.27 -3.36 0.00	32.68 -3.28 0.00	30.55 -3.25 3.24	27.07 -2.99 5.29
OXBOW___BTM 323836	28.85 -1.52 0.00	30.63 -1.51 0.00	30.10 -1.87 0.00	28.20 -1.85 0.00	28.06 -1.72 0.00	33.22 -1.55 1.05	52.92 -3.24 12.35	101.88 -6.23 19.47	49.99 -3.02 8.50	35.44 -2.03 2.13	31.74 -1.50 0.00	26.36 -1.41 0.00	25.67 -1.69 0.00	24.17 -2.12 0.00	22.56 -2.06 0.00	19.48 -1.87 0.00	20.57 -2.10 0.00	25.87 -2.62 0.00	32.50 -3.02 0.00	40.22 -4.13 0.00	34.74 -3.88 0.00	32.20 -3.76 0.00	30.05 -3.67 3.32	26.62 -3.31 5.42
OXBOW____ 24026	28.85 -1.53 0.00	30.63 -1.51 0.00	30.10 -1.87 0.00	28.20 -1.85 0.00	28.05 -1.73 0.00	33.21 -1.56 1.05	52.89 -3.27 12.35	101.83 -6.28 19.47	49.94 -3.07 8.50	35.40 -2.07 2.13	31.74 -1.50 0.00	26.35 -1.41 0.00	25.67 -1.69 0.00	24.16 -2.13 0.00	22.56 -2.06 0.00	19.47 -1.88 0.00	20.57 -2.10 0.00	25.86 -2.62 0.00	32.49 -3.04 0.00	40.22 -4.13 0.00	34.74 -3.89 0.00	32.21 -3.76 0.00	30.00 -3.72 3.32	26.53 -3.41 5.42
OXY_CHEM_DSASP 323612	28.60 -1.78 0.00	30.37 -1.78 0.00	29.86 -2.12 0.00	27.95 -2.11 0.00	27.80 -1.98 0.00	32.90 -1.87 1.06	52.17 -3.95 12.39	100.38 -7.67 19.53	49.27 -3.71 8.53	35.02 -2.44 2.14	31.42 -1.81 0.00	26.10 -1.66 0.00	25.43 -1.93 0.00	23.93 -2.36 0.00	22.33 -2.28 0.00	19.28 -2.07 0.00	20.36 -2.31 0.00	25.58 -2.90 0.00	32.09 -3.43 0.00	39.70 -4.65 0.00	34.29 -4.34 0.00	31.81 -4.16 0.00	29.54 -4.09 3.40	26.09 -3.71 5.55
OZONE_PARK_ESR 323760	31.76 1.39 0.00	33.50 1.36 0.00	33.44 1.46 0.00	31.57 1.52 0.00	31.33 1.55 0.00	37.39 1.96 0.40	67.52 3.76 4.75	127.36 7.26 7.48	62.01 3.77 3.27	41.36 2.58 0.82	35.45 2.22 0.00	29.64 1.88 0.00	29.15 1.79 0.00	28.08 1.78 0.00	26.36 1.74 0.00	22.90 1.56 0.00	24.36 1.69 0.00	30.49 2.01 0.00	37.79 2.26 0.00	47.51 3.16 0.00	41.19 2.56 0.00	38.24 2.27 0.00	39.24 2.20 0.00	37.30 1.95 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	28.60 -1.78 0.00	30.37 -1.78 0.00	29.86 -2.12 0.00	27.95 -2.11 0.00	27.80 -1.98 0.00	32.90 -1.87 1.06	52.17 -3.95 12.39	100.38 -7.67 19.53	49.27 -3.71 8.53	35.02 -2.44 2.14	31.42 -1.81 0.00	26.10 -1.66 0.00	25.43 -1.93 0.00	23.93 -2.36 0.00	22.33 -2.28 0.00	19.28 -2.07 0.00	20.36 -2.31 0.00	25.58 -2.90 0.00	32.09 -3.43 0.00	39.70 -4.65 0.00	34.29 -4.34 0.00	31.81 -4.16 0.00	29.54 -4.09 3.40	26.09 -3.71 5.55
PACKARD__115KV_DUPONT_184 80571	28.60 -1.78 0.00	30.37 -1.78 0.00	29.86 -2.12 0.00	27.95 -2.11 0.00	27.80 -1.98 0.00	32.90 -1.87 1.06	52.17 -3.95 12.39	100.38 -7.67 19.53	49.27 -3.71 8.53	35.02 -2.44 2.14	31.42 -1.81 0.00	26.10 -1.66 0.00	25.43 -1.93 0.00	23.93 -2.36 0.00	22.33 -2.28 0.00	19.28 -2.07 0.00	20.36 -2.31 0.00	25.58 -2.90 0.00	32.09 -3.43 0.00	39.70 -4.65 0.00	34.29 -4.34 0.00	31.81 -4.16 0.00	29.54 -4.09 3.40	26.09 -3.71 5.55
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	31.45 1.07 -0.01	33.21 1.06 -0.01	33.17 1.19 -0.01	31.32 1.26 -0.01	31.08 1.30 -0.01	37.06 1.63 0.40	66.71 2.94 4.75	126.05 5.95 7.48	61.42 3.17 3.27	40.96 2.17 0.81	35.12 1.88 -0.01	29.35 1.59 0.00	28.87 1.50 -0.01	27.81 1.51 0.00	26.11 1.49 -0.01	22.68 1.34 0.00	24.13 1.46 0.00	30.19 1.71 0.00	37.41 1.88 0.00	47.02 2.67 0.00	40.75 2.12 0.00	37.88 1.91 -0.01	38.90 1.86 0.00	36.99 1.63 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	31.58 1.19 -0.01	33.33 1.18 -0.01	33.44 1.46 -0.01	31.55 1.49 -0.01	31.34 1.55 -0.01	37.38 1.95 0.40	67.21 3.44 4.75	126.66 6.56 7.48	61.71 3.47 3.27	41.07 2.28 0.81	35.23 1.99 -0.01	29.37 1.61 0.00	28.88 1.51 -0.01	27.81 1.52 0.00	26.12 1.49 -0.01	22.68 1.34 0.00	24.13 1.46 0.00	30.20 1.71 0.00	37.41 1.89 0.00	47.06 2.71 0.00	40.78 2.15 0.00	37.90 1.93 -0.01	38.90 1.86 0.00	37.07 1.71 -0.01
PATROON__115KV_TB1 80586	30.87 0.49 0.00	32.62 0.47 0.00	32.46 0.49 0.00	30.62 0.57 0.00	30.43 0.65 0.00	36.20 0.77 0.39	65.09 1.18 4.61	122.44 2.13 7.27	59.57 1.24 3.17	39.76 0.95 0.79	34.09 0.86 0.00	28.51 0.75 0.00	28.08 0.72 0.00	27.01 0.71 0.00	25.27 0.65 0.00	21.95 0.60 0.00	23.32 0.65 0.00	29.25 0.76 0.00	36.37 0.85 0.00	45.44 1.09 0.00	39.50 0.87 0.00	36.90 0.94 0.00	37.94 0.90 0.00	36.16 0.81 0.00
PATTRSNVILLE___SOLAR 323815	31.15 0.77 0.00	32.93 0.78 0.00	32.76 0.78 0.00	30.85 0.80 0.00	30.59 0.82 0.00	36.50 1.08 0.40	65.83 2.04 4.73	123.98 3.86 7.46	60.00 1.75 3.26	39.84 1.05 0.82	33.90 0.66 0.00	28.07 0.31 0.00	27.62 0.26 0.00	26.51 0.22 0.00	24.81 0.19 0.00	21.53 0.19 0.00	22.91 0.24 0.00	29.01 0.52 0.00	36.55 1.02 0.00	45.93 1.58 0.00	39.94 1.31 0.00	37.23 1.26 0.00	38.30 1.26 0.00	36.50 1.15 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	29.71 -0.67 0.00	31.55 -0.59 0.00	31.08 -0.90 0.00	29.21 -0.85 0.00	28.94 -0.83 0.00	34.24 -0.57 1.02	55.35 -1.18 11.98	106.61 -2.08 18.89	52.05 -1.21 8.25	36.66 -0.87 2.07	32.79 -0.45 0.00	27.24 -0.52 0.00	26.53 -0.83 0.00	25.07 -1.22 0.00	23.48 -1.14 0.00	20.28 -1.06 0.00	21.46 -1.21 0.00	26.97 -1.52 0.00	33.83 -1.70 0.00	41.99 -2.36 0.00	36.19 -2.44 0.00	33.57 -2.39 0.00	32.27 -2.41 2.35	29.19 -2.32 3.85
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	31.61 1.23 0.00	33.39 1.24 0.00	33.25 1.28 0.00	31.39 1.33 0.00	31.15 1.37 0.00	37.19 1.77 0.40	67.18 3.41 4.74	126.67 6.57 7.48	61.60 3.36 3.27	41.02 2.24 0.82	35.08 1.84 0.00	29.31 1.55 0.00	28.83 1.47 0.00	27.78 1.49 0.00	26.06 1.44 0.00	22.65 1.31 0.00	24.11 1.44 0.00	30.24 1.75 0.00	37.55 2.03 0.00	47.18 2.84 0.00	40.93 2.30 0.00	38.06 2.10 0.00	39.08 2.04 0.00	37.15 1.79 0.00
PEEKSKILL____ 23653	31.23 0.86 0.00	32.99 0.85 0.00	32.87 0.89 0.00	31.03 0.97 0.00	30.78 1.00 0.00	36.70 1.28 0.41	66.23 2.47 4.76	124.84 4.77 7.50	60.67 2.43 3.27	40.44 1.65 0.82	34.62 1.39 0.00	28.93 1.17 0.00	28.47 1.11 0.00	27.43 1.13 0.00	25.75 1.13 0.00	22.37 1.03 0.00	23.81 1.13 0.00	29.85 1.36 0.00	37.04 1.51 0.00	46.54 2.19 0.00	40.38 1.74 0.00	37.52 1.55 0.00	38.54 1.50 0.00	36.63 1.28 0.00

PGE MADISON___WINDPWR 24146	30.53 0.15 0.00	31.95 -0.19 0.00	31.54 -0.44 0.00	29.94 -0.11 0.00	29.75 -0.02 0.00	35.57 0.44 0.70	61.97 1.68 8.22	118.32 3.70 12.96	56.98 1.12 5.66	37.98 -0.21 1.42	32.46 -0.77 0.00	26.87 -0.89 0.00	26.47 -0.89 0.00	25.40 -0.89 0.00	23.82 -0.80 0.00	20.76 -0.58 0.00	22.38 -0.30 0.00	29.06 0.57 0.00	37.52 2.00 0.00	47.79 3.44 0.00	41.64 3.01 0.00	38.75 2.78 0.00	40.47 2.61 -0.82	38.73 2.02 -1.35
PIERCEFIELD___HYD 23852	29.98 -0.40 0.00	31.87 -0.28 0.00	31.70 -0.28 0.00	37.15 -0.48 -7.58	36.85 -0.46 -7.54	42.06 -0.70 -6.93	68.43 -1.04 -0.95	121.52 -2.06 4.00	58.37 -1.35 1.79	38.10 -1.08 0.42	32.20 -1.04 0.00	26.85 -0.91 0.00	26.34 -1.02 0.00	25.34 -0.96 0.00	24.30 -0.93 -0.62	23.55 -0.89 -3.09	22.20 -0.94 -0.48	27.46 -1.03 0.00	34.63 -0.89 0.00	43.50 -0.85 0.00	38.32 -0.31 0.00	35.60 -0.37 0.00	36.77 -0.26 0.00	35.27 -0.08 0.00
PINELAWN_CC_1 323563	39.10 1.16 -7.57	33.25 1.11 0.00	33.21 1.23 0.00	31.29 1.24 0.00	31.12 1.34 0.00	36.69 1.59 0.73	63.09 2.84 8.27	125.27 5.17 7.48	61.12 2.88 3.27	40.87 2.08 0.82	35.31 1.90 -0.18	29.25 1.49 0.00	28.82 1.46 0.00	27.72 1.42 0.00	26.05 1.42 0.00	22.64 1.29 0.00	24.11 1.44 0.00	30.18 1.70 0.00	36.93 1.80 0.40	47.14 2.79 0.00	40.86 2.23 0.00	38.14 2.18 0.00	39.19 2.15 0.00	37.23 1.88 0.00
PJM_GEN_HTP_PROXY 323702	31.46 1.09 0.00	33.22 1.07 0.00	33.16 1.18 0.00	31.31 1.26 0.00	31.08 1.30 0.00	37.07 1.65 0.41	66.84 3.07 4.75	105.54 5.92 27.96	61.36 3.12 3.27	38.61 2.17 3.17	35.10 1.87 0.00	29.35 1.59 0.00	28.88 1.52 0.00	27.82 1.53 0.00	26.13 1.51 0.00	22.70 1.36 0.00	24.14 1.47 0.00	30.20 1.71 0.00	37.41 1.88 0.00	47.02 2.67 0.00	40.75 2.12 0.00	37.84 1.88 0.00	38.84 1.80 0.00	36.93 1.57 0.00
PJM_GEN_KEystone 24065	30.21 -0.17 0.00	31.99 -0.16 0.00	31.76 -0.21 0.00	30.48 -0.07 -0.50	29.65 -0.12 0.00	35.19 0.04 0.68	61.50 0.12 7.14	95.26 0.33 32.65	56.20 0.00 5.31	35.94 0.01 3.68	33.36 0.13 0.00	27.84 0.07 0.00	27.29 -0.07 0.00	26.17 -0.12 0.00	24.60 -0.03 0.00	21.32 -0.02 0.00	22.63 -0.04 0.00	28.38 -0.10 0.00	35.30 -0.23 0.00	44.21 -0.14 0.00	38.13 -0.45 0.05	35.46 -0.50 0.00	36.52 -0.51 0.00	34.73 -0.62 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.34 0.97 0.00	33.08 0.93 0.00	33.01 1.03 0.00	31.13 1.07 0.00	30.93 1.15 0.00	36.42 1.39 0.80	61.97 2.42 8.97	103.96 4.34 27.96	60.72 2.48 3.27	38.30 1.86 3.17	34.99 1.73 -0.03	29.16 1.40 0.00	28.72 1.36 0.00	27.63 1.34 0.00	25.95 1.33 0.00	22.56 1.22 0.00	24.00 1.33 0.00	30.02 1.53 0.00	36.63 1.58 0.48	46.78 2.43 0.00	40.56 1.93 0.00	37.83 1.86 0.00	38.86 1.82 0.00	36.94 1.59 0.00
PJM_GEN_VFT_PROXY 323633	31.31 0.93 0.00	33.05 0.90 0.00	32.98 1.00 0.00	31.13 1.08 0.00	30.91 1.13 0.00	36.85 1.43 0.41	66.42 2.66 4.75	104.76 5.14 27.96	60.98 2.74 3.27	38.34 1.90 3.17	34.89 1.65 0.00	29.19 1.43 0.00	28.72 1.36 0.00	27.68 1.39 0.00	26.00 1.38 0.00	22.58 1.23 0.00	24.01 1.34 0.00	30.05 1.56 0.00	37.22 1.69 0.00	46.80 2.45 0.00	40.56 1.92 0.00	37.64 1.68 0.00	38.64 1.60 0.00	36.72 1.37 0.00
PLATSBURG_115KV_PMLD1 355749	29.65 -0.73 0.00	32.32 0.18 0.00	31.85 -0.13 0.00	-20.42 -1.12 49.36	-20.44 -1.11 49.11	-13.11 -1.76 47.18	42.22 -2.35 23.94	121.75 -3.54 2.28	59.31 -1.21 1.00	38.38 -0.97 0.25	32.28 -0.96 0.00	26.78 -0.98 0.00	26.33 -1.03 0.00	25.14 -1.15 0.00	19.47 -1.14 4.01	0.24 -0.99 20.11	18.35 -1.04 3.28	27.46 -1.02 0.00	34.60 -0.92 0.00	44.01 -0.34 0.00	39.43 0.80 0.00	35.69 -0.27 0.00	36.30 -0.73 0.00	34.73 -0.62 0.00
PLEASANTVLY___LBMP 24000	31.22 0.85 0.00	32.99 0.85 0.00	32.87 0.90 0.00	31.03 0.98 0.00	30.80 1.02 0.00	36.72 1.29 0.40	66.11 2.32 4.73	124.47 4.35 7.45	60.59 2.34 3.25	40.43 1.64 0.82	34.62 1.39 0.00	28.95 1.19 0.00	28.50 1.14 0.00	27.47 1.18 0.00	25.77 1.15 0.00	22.38 1.04 0.00	23.81 1.13 0.00	29.81 1.33 0.00	36.97 1.45 0.00	46.41 2.06 0.00	40.26 1.63 0.00	37.48 1.52 0.00	38.52 1.48 0.00	36.66 1.31 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.42 1.05 0.00	33.17 1.03 0.00	33.08 1.10 0.00	31.23 1.17 0.00	30.99 1.21 0.00	36.97 1.54 0.40	66.63 2.86 4.74	125.50 5.41 7.48	61.08 2.84 3.27	40.75 1.97 0.82	34.90 1.67 0.00	29.18 1.42 0.00	28.72 1.36 0.00	27.67 1.38 0.00	25.96 1.33 0.00	22.56 1.22 0.00	24.00 1.33 0.00	30.05 1.57 0.00	37.27 1.74 0.00	46.82 2.47 0.00	40.61 1.98 0.00	37.77 1.80 0.00	38.78 1.74 0.00	36.86 1.51 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.42 1.05 0.00	33.17 1.03 0.00	33.08 1.10 0.00	31.23 1.17 0.00	30.99 1.21 0.00	36.97 1.54 0.40	66.63 2.86 4.74	125.50 5.41 7.48	61.08 2.84 3.27	40.75 1.97 0.82	34.90 1.67 0.00	29.18 1.42 0.00	28.72 1.36 0.00	27.67 1.38 0.00	25.96 1.33 0.00	22.56 1.22 0.00	24.00 1.33 0.00	30.05 1.57 0.00	37.27 1.74 0.00	46.82 2.47 0.00	40.61 1.98 0.00	37.77 1.80 0.00	38.78 1.74 0.00	36.86 1.51 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.45 1.07 0.00	33.23 1.08 0.00	33.10 1.12 0.00	31.24 1.18 0.00	31.01 1.23 0.00	36.99 1.57 0.40	66.76 2.98 4.74	125.73 5.62 7.47	61.14 2.89 3.26	40.71 1.92 0.82	34.80 1.57 0.00	29.08 1.32 0.00	28.61 1.25 0.00	27.57 1.27 0.00	25.86 1.24 0.00	22.47 1.13 0.00	23.94 1.27 0.00	30.03 1.54 0.00	37.31 1.79 0.00	46.87 2.52 0.00	40.65 2.02 0.00	37.82 1.85 0.00	38.85 1.81 0.00	36.97 1.61 0.00
POLETTI___ 23519	31.49 1.11 0.00	33.23 1.08 0.00	33.17 1.20 0.00	31.33 1.27 0.00	31.09 1.31 0.00	37.08 1.66 0.40	66.75 2.98 4.75	125.83 5.73 7.48	61.30 3.06 3.27	40.93 2.14 0.82	35.13 1.90 0.00	29.38 1.62 0.00	28.91 1.54 0.00	27.85 1.55 0.00	26.15 1.53 0.00	22.71 1.37 0.00	24.16 1.49 0.00	30.23 1.75 0.00	37.43 1.90 0.00	47.01 2.66 0.00	40.76 2.13 0.00	37.87 1.90 0.00	38.86 1.82 0.00	36.97 1.61 0.00
POMONA___ESR 323819	31.25 0.87 0.00	33.01 0.87 0.00	32.89 0.91 0.00	31.04 0.98 0.00	30.79 1.01 0.00	36.75 1.33 0.41	66.33 2.58 4.77	124.99 4.93 7.51	60.73 2.50 3.28	40.45 1.67 0.82	34.63 1.40 0.00	28.93 1.17 0.00	28.47 1.11 0.00	27.44 1.15 0.00	25.75 1.12 0.00	22.37 1.03 0.00	23.81 1.13 0.00	29.87 1.38 0.00	37.06 1.54 0.00	46.57 2.23 0.00	40.38 1.75 0.00	37.52 1.55 0.00	38.55 1.51 0.00	36.65 1.29 0.00
PORT_JEFF_3 23555	35.16 1.03 -3.75	33.10 0.96 0.00	33.11 1.13 0.00	31.20 1.15 0.00	31.04 1.26 0.00	36.55 1.49 0.77	62.34 2.49 8.67	124.75 4.66 7.48	60.81 2.57 3.27	40.78 1.99 0.82	35.13 1.80 -0.10	29.16 1.40 0.00	28.77 1.41 0.00	27.66 1.36 0.00	26.03 1.41 0.00	22.61 1.27 0.00	24.09 1.42 0.00	30.15 1.67 0.00	36.73 1.65 0.44	47.02 2.67 0.00	40.78 2.15 0.00	38.11 2.14 0.00	39.24 2.20 0.00	37.21 1.86 0.00

PORT_JEFF_4 23616	34.95 0.98 -3.60	33.05 0.91 0.00	33.06 1.08 0.00	31.16 1.10 0.00	30.99 1.21 0.00	36.48 1.42 0.77	62.18 2.35 8.69	124.47 4.38 7.48	60.66 2.42 3.27	40.69 1.91 0.82	35.06 1.73 -0.09	29.12 1.35 0.00	28.73 1.38 0.00	27.61 1.32 0.00	25.99 1.36 0.00	22.58 1.23 0.00	24.05 1.38 0.00	30.09 1.61 0.00	36.63 1.55 0.44	46.88 2.53 0.00	40.65 2.02 0.00	38.00 2.04 0.00	39.13 2.09 0.00	37.12 1.76 0.00
PORT_JEFF_IC 23713	35.14 1.01 -3.75	33.09 0.94 0.00	33.09 1.11 0.00	31.18 1.12 0.00	31.01 1.23 0.00	36.52 1.46 0.77	62.30 2.45 8.67	124.66 4.56 7.48	60.77 2.53 3.27	40.75 1.97 0.82	35.11 1.78 -0.10	29.14 1.38 0.00	28.76 1.40 0.00	27.64 1.34 0.00	26.01 1.39 0.00	22.60 1.25 0.00	24.07 1.40 0.00	30.13 1.65 0.00	36.70 1.62 0.44	46.98 2.63 0.00	40.74 2.11 0.00	38.07 2.11 0.00	39.22 2.18 0.00	37.20 1.84 0.00
PPL PILGRIM_ST_GT1 24216	35.90 1.26 -4.26	33.35 1.20 0.00	33.32 1.34 0.00	31.40 1.35 0.00	31.24 1.46 0.00	36.81 1.74 0.76	62.91 3.01 8.62	125.65 5.56 7.48	61.29 3.05 3.27	41.01 2.23 0.82	35.38 2.04 -0.11	29.36 1.60 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.15 1.53 0.00	22.74 1.39 0.00	24.23 1.55 0.00	30.30 1.81 0.00	36.96 1.87 0.44	47.27 2.92 0.00	40.98 2.35 0.00	38.29 2.32 0.00	39.39 2.35 0.00	37.36 2.01 0.00
PPL PILGRIM_ST_GT2 24217	35.90 1.26 -4.26	33.35 1.20 0.00	33.32 1.34 0.00	31.40 1.35 0.00	31.24 1.46 0.00	36.81 1.74 0.76	62.91 3.01 8.62	125.65 5.56 7.48	61.29 3.05 3.27	41.01 2.23 0.82	35.38 2.04 -0.11	29.36 1.60 0.00	28.94 1.58 0.00	27.83 1.54 0.00	26.15 1.53 0.00	22.74 1.39 0.00	24.23 1.55 0.00	30.30 1.81 0.00	36.96 1.87 0.44	47.27 2.92 0.00	40.98 2.35 0.00	38.29 2.32 0.00	39.39 2.35 0.00	37.36 2.01 0.00
PPL_SHRM_GT3 24213	34.46 0.42 -3.66	32.47 0.33 0.00	32.57 0.59 0.00	30.68 0.63 0.00	30.53 0.75 0.00	35.87 0.80 0.77	60.99 1.15 8.68	122.32 2.22 7.48	59.51 1.27 3.27	40.11 1.32 0.82	34.52 1.19 -0.09	28.65 0.89 0.00	28.39 1.03 0.00	27.28 0.99 0.00	25.77 1.15 0.00	22.32 0.98 0.00	23.72 1.05 0.00	29.69 1.20 0.00	36.01 0.92 0.44	46.15 1.80 0.00	40.02 1.39 0.00	37.44 1.47 0.00	38.70 1.66 0.00	36.69 1.33 0.00
PPL_SHRM_GT4 24214	34.46 0.42 -3.66	32.47 0.33 0.00	32.57 0.59 0.00	30.68 0.63 0.00	30.53 0.75 0.00	35.87 0.80 0.77	60.99 1.15 8.68	122.32 2.22 7.48	59.51 1.27 3.27	40.11 1.32 0.82	34.52 1.19 -0.09	28.65 0.89 0.00	28.39 1.03 0.00	27.28 0.99 0.00	25.77 1.15 0.00	22.32 0.98 0.00	23.72 1.05 0.00	29.69 1.20 0.00	36.01 0.92 0.44	46.15 1.80 0.00	40.02 1.39 0.00	37.44 1.47 0.00	38.70 1.66 0.00	36.69 1.33 0.00
PROJECT___ORANGE 1 24174	29.91 -0.46 0.00	31.63 -0.52 0.00	31.43 -0.55 0.00	29.55 -0.50 0.00	29.24 -0.54 0.00	34.44 -0.56 0.83	57.91 -0.81 9.80	110.70 -1.43 15.44	53.91 -0.86 6.74	37.19 -0.72 1.69	32.62 -0.62 0.00	27.26 -0.51 0.00	26.90 -0.46 0.00	25.79 -0.50 0.00	24.14 -0.48 0.00	20.92 -0.43 0.00	22.21 -0.46 0.00	27.94 -0.55 0.00	34.91 -0.62 0.00	43.64 -0.71 0.00	37.87 -0.76 0.00	35.33 -0.63 0.00	36.34 -0.70 0.00	34.69 -0.67 0.00
PROJECT___ORANGE 2 24166	29.91 -0.46 0.00	31.63 -0.52 0.00	31.43 -0.55 0.00	29.55 -0.50 0.00	29.24 -0.54 0.00	34.44 -0.56 0.83	57.91 -0.81 9.80	110.70 -1.43 15.44	53.91 -0.86 6.74	37.19 -0.72 1.69	32.62 -0.62 0.00	27.26 -0.51 0.00	26.90 -0.46 0.00	25.79 -0.50 0.00	24.14 -0.48 0.00	20.92 -0.43 0.00	22.21 -0.46 0.00	27.94 -0.55 0.00	34.91 -0.62 0.00	43.64 -0.71 0.00	37.87 -0.76 0.00	35.33 -0.63 0.00	36.34 -0.70 0.00	34.69 -0.67 0.00
PUCKETT___SOLAR 323809	30.10 -0.28 0.00	31.79 -0.35 0.00	31.55 -0.43 0.00	29.79 -0.26 0.00	29.45 -0.33 0.00	34.94 -0.18 0.71	60.19 0.03 8.35	114.70 0.30 13.17	55.54 -0.22 5.75	37.73 -0.43 1.44	32.51 -0.72 0.00	27.09 -0.67 0.00	26.64 -0.72 0.00	25.59 -0.71 0.00	24.02 -0.60 0.00	20.84 -0.51 0.00	22.23 -0.44 0.00	28.22 -0.26 0.00	35.67 0.15 0.00	44.91 0.56 0.00	38.96 0.33 0.00	36.30 0.33 0.00	37.33 0.29 0.00	35.45 0.09 0.00
PYRITES___HYD 24023	30.85 0.48 0.00	32.79 0.64 0.00	32.61 0.63 0.00	37.25 0.39 -6.81	36.94 0.39 -6.77	42.37 0.34 -6.20	70.26 1.03 -0.72	125.54 1.77 3.80	60.03 0.21 1.69	38.76 -0.44 0.40	32.67 -0.56 0.00	27.26 -0.50 0.00	26.78 -0.58 0.00	25.77 -0.52 0.00	24.69 -0.49 -0.55	23.60 -0.52 -2.77	22.49 -0.60 -0.42	27.89 -0.60 0.00	35.37 -0.15 0.00	44.62 0.27 0.00	39.33 0.70 0.00	36.52 0.55 0.00	37.73 0.69 0.00	36.17 0.81 0.00
QUAKERRD_115KV_BK1 80622	29.11 -1.27 0.00	30.85 -1.30 0.00	30.52 -1.46 0.00	28.65 -1.41 0.00	28.43 -1.35 0.00	33.42 -1.32 1.09	53.46 -2.29 12.76	103.19 -4.27 20.11	50.43 -2.30 8.78	35.65 -1.75 2.20	31.82 -1.42 0.00	26.50 -1.26 0.00	25.99 -1.37 0.00	24.72 -1.58 0.00	23.09 -1.53 0.00	19.97 -1.38 0.00	21.16 -1.51 0.00	26.67 -1.81 0.00	33.50 -2.03 0.00	41.75 -2.60 0.00	36.18 -2.45 0.00	33.65 -2.31 0.00	34.71 -2.33 0.00	33.20 -2.16 0.00
QUEENSBRY_115KV_TB8 356137	31.35 0.98 0.00	33.19 1.05 0.00	32.98 1.00 0.00	31.10 1.05 0.00	30.94 1.16 0.00	37.01 1.58 0.40	66.68 2.81 4.64	125.22 4.96 7.32	60.98 2.67 3.19	40.55 1.75 0.80	34.47 1.24 0.00	28.72 0.95 0.00	28.11 0.75 0.00	26.94 0.64 0.00	25.16 0.54 0.00	21.82 0.48 0.00	23.30 0.63 0.00	29.41 0.92 0.00	36.72 1.19 0.00	46.01 1.66 0.00	40.12 1.49 0.00	38.07 2.11 0.00	39.23 2.19 0.00	37.29 1.93 0.00
RAMAPO___LBMP 323565	31.12 0.74 0.00	32.89 0.75 0.00	32.77 0.79 0.00	30.92 0.86 0.00	30.67 0.89 0.00	36.59 1.16 0.41	65.99 2.24 4.77	124.34 4.29 7.52	60.42 2.19 3.28	40.22 1.44 0.82	34.43 1.20 0.00	28.76 1.00 0.00	28.30 0.94 0.00	27.28 0.98 0.00	25.61 0.99 0.00	22.25 0.91 0.00	23.68 1.01 0.00	29.71 1.22 0.00	36.88 1.36 0.00	46.36 2.01 0.00	40.21 1.58 0.00	37.34 1.38 0.00	38.39 1.35 0.00	36.49 1.13 0.00
RANKINE____ 23646	29.50 -0.88 0.00	31.34 -0.81 0.00	30.82 -1.16 0.00	28.95 -1.10 0.00	28.73 -1.05 0.00	34.05 -0.75 1.03	54.93 -1.47 12.11	105.82 -2.66 19.09	51.74 -1.44 8.33	36.48 -1.04 2.09	32.59 -0.65 0.00	27.07 -0.69 0.00	26.36 -1.00 0.00	24.85 -1.44 0.00	23.26 -1.36 0.00	20.08 -1.26 0.00	21.25 -1.42 0.00	26.71 -1.78 0.00	33.51 -2.02 0.00	41.55 -2.80 0.00	35.79 -2.84 0.00	33.16 -2.80 0.00	31.59 -2.80 2.65	28.41 -2.61 4.34
RAVENSWOOD_GT2_1 24244	31.51 1.14 0.00	33.26 1.12 0.00	33.20 1.23 0.00	31.34 1.28 0.00	31.11 1.33 0.00	37.11 1.68 0.40	66.90 3.13 4.75	126.08 5.99 7.48	61.42 3.18 3.27	41.00 2.22 0.82	35.15 1.91 0.00	29.38 1.62 0.00	28.91 1.55 0.00	27.85 1.55 0.00	26.15 1.53 0.00	22.72 1.37 0.00	24.16 1.49 0.00	30.24 1.75 0.00	37.46 1.94 0.00	47.07 2.73 0.00	40.81 2.18 0.00	37.91 1.94 0.00	38.92 1.88 0.00	37.00 1.65 0.00



RAVENSWOOD_GT2_2 24245	31.51 1.14 0.00	33.26 1.12 0.00	33.20 1.23 0.00	31.34 1.28 0.00	31.11 1.33 0.00	37.11 1.68 0.40	66.90 3.13 4.75	126.08 5.99 7.48	61.42 3.18 3.27	41.00 2.22 0.82	35.15 1.91 0.00	29.38 1.62 0.00	28.91 1.55 0.00	27.85 1.55 0.00	26.15 1.53 0.00	22.72 1.37 0.00	24.16 1.49 0.00	30.24 1.75 0.00	37.46 1.94 0.00	47.07 2.73 0.00	40.81 2.18 0.00	37.91 1.94 0.00	38.92 1.88 0.00	37.00 1.65 0.00
RAVENSWOOD_GT2_3 24246	31.52 1.15 0.00	33.28 1.13 0.00	33.21 1.23 0.00	31.36 1.30 0.00	31.12 1.34 0.00	37.12 1.70 0.40	66.92 3.15 4.75	126.21 6.12 7.48	61.47 3.23 3.27	41.02 2.23 0.82	35.16 1.92 0.00	29.40 1.64 0.00	28.92 1.56 0.00	27.87 1.57 0.00	26.16 1.54 0.00	22.73 1.38 0.00	24.17 1.50 0.00	30.25 1.77 0.00	37.47 1.95 0.00	47.10 2.75 0.00	40.82 2.19 0.00	37.92 1.96 0.00	38.93 1.89 0.00	37.01 1.66 0.00
RAVENSWOOD_GT2_4 24247	31.52 1.15 0.00	33.28 1.13 0.00	33.21 1.23 0.00	31.36 1.30 0.00	31.12 1.34 0.00	37.12 1.70 0.40	66.92 3.15 4.75	126.21 6.12 7.48	61.47 3.23 3.27	41.02 2.23 0.82	35.16 1.92 0.00	29.40 1.64 0.00	28.92 1.56 0.00	27.87 1.57 0.00	26.16 1.54 0.00	22.73 1.38 0.00	24.17 1.50 0.00	30.25 1.77 0.00	37.47 1.95 0.00	47.10 2.75 0.00	40.82 2.19 0.00	37.92 1.96 0.00	38.93 1.89 0.00	37.01 1.66 0.00
RAVENSWOOD_GT3_1 24248	31.52 1.14 0.00	33.26 1.12 0.00	33.20 1.23 0.00	31.34 1.28 0.00	31.11 1.33 0.00	37.11 1.68 0.40	66.90 3.13 4.75	126.08 5.99 7.48	61.42 3.18 3.27	41.00 2.22 0.82	35.15 1.91 0.00	29.39 1.63 0.00	28.91 1.55 0.00	27.85 1.55 0.00	26.15 1.53 0.00	22.72 1.37 0.00	24.16 1.49 0.00	30.24 1.75 0.00	37.46 1.94 0.00	47.07 2.73 0.00	40.81 2.18 0.00	37.91 1.94 0.00	38.92 1.88 0.00	37.00 1.65 0.00
RAVENSWOOD_GT3_2 24249	31.52 1.14 0.00	33.26 1.12 0.00	33.20 1.23 0.00	31.34 1.28 0.00	31.11 1.33 0.00	37.11 1.68 0.40	66.90 3.13 4.75	126.08 5.99 7.48	61.42 3.18 3.27	41.00 2.22 0.82	35.15 1.91 0.00	29.39 1.63 0.00	28.91 1.55 0.00	27.85 1.55 0.00	26.15 1.53 0.00	22.72 1.37 0.00	24.16 1.49 0.00	30.24 1.75 0.00	37.46 1.94 0.00	47.07 2.73 0.00	40.81 2.18 0.00	37.91 1.94 0.00	38.92 1.88 0.00	37.00 1.65 0.00
RAVENSWOOD_GT3_3 24250	31.55 1.18 0.00	33.31 1.16 0.00	33.24 1.26 0.00	31.38 1.33 0.00	31.14 1.36 0.00	37.16 1.73 0.40	67.01 3.24 4.75	126.34 6.24 7.48	61.53 3.29 3.27	41.06 2.27 0.82	35.20 1.96 0.00	29.43 1.67 0.00	28.95 1.59 0.00	27.89 1.60 0.00	26.19 1.57 0.00	22.75 1.40 0.00	24.20 1.53 0.00	30.28 1.80 0.00	37.51 1.99 0.00	47.15 2.80 0.00	40.86 2.23 0.00	37.96 1.99 0.00	38.97 1.93 0.00	37.05 1.69 0.00
RAVENSWOOD_GT3_4 24251	31.55 1.18 0.00	33.31 1.16 0.00	33.24 1.26 0.00	31.38 1.33 0.00	31.14 1.36 0.00	37.16 1.73 0.40	67.01 3.24 4.75	126.34 6.24 7.48	61.53 3.29 3.27	41.06 2.27 0.82	35.20 1.96 0.00	29.43 1.67 0.00	28.95 1.59 0.00	27.89 1.60 0.00	26.19 1.57 0.00	22.75 1.40 0.00	24.20 1.53 0.00	30.28 1.80 0.00	37.51 1.99 0.00	47.15 2.80 0.00	40.86 2.23 0.00	37.96 1.99 0.00	38.97 1.93 0.00	37.05 1.69 0.00
RAVENSWOOD_GT_1 23729	37.71 1.29 -6.05	37.85 1.27 -4.43	37.81 1.37 -4.45	36.31 1.43 -4.83	36.13 1.47 -4.88	41.06 1.85 -3.37	67.55 3.41 4.38	127.36 6.66 6.88	63.45 3.53 1.58	45.23 2.44 -3.18	49.28 2.11 -13.93	43.16 1.79 -13.61	46.96 1.70 -17.90	47.56 1.70 -19.56	52.22 1.66 -25.93	45.47 1.49 -22.63	39.87 1.62 -15.58	54.09 1.91 -23.69	49.01 2.13 -11.35	58.04 2.97 -10.73	55.23 2.38 -14.22	52.03 2.14 -13.92	43.84 2.08 -4.72	41.17 1.82 -4.00
RAVENSWOOD_GT_10 24258	31.95 1.14 -0.43	33.77 1.12 -0.51	33.71 1.22 -0.51	31.89 1.28 -0.56	31.67 1.32 -0.56	37.53 1.67 -0.03	66.94 3.13 4.71	126.15 5.99 7.41	61.61 3.18 3.07	41.31 2.20 0.50	34.94 1.91 0.20	29.05 1.62 0.33	28.08 1.54 0.82	26.88 1.55 0.97	24.50 1.53 1.65	21.62 1.37 1.09	23.81 1.49 0.35	29.43 1.75 0.81	38.22 1.93 -0.76	48.12 2.72 -1.06	41.75 2.17 -0.94	39.02 1.93 -1.12	39.45 1.87 -0.54	37.44 1.64 -0.44
RAVENSWOOD_GT_11 24259	31.95 1.14 -0.43	33.77 1.12 -0.51	33.71 1.22 -0.51	31.89 1.28 -0.56	31.67 1.32 -0.56	37.53 1.67 -0.03	66.94 3.13 4.71	126.15 5.99 7.41	61.61 3.18 3.07	41.31 2.20 0.50	34.94 1.91 0.20	29.05 1.62 0.33	28.08 1.54 0.82	26.88 1.55 0.97	24.50 1.53 1.65	21.62 1.37 1.09	23.81 1.49 0.35	29.43 1.75 0.81	38.22 1.93 -0.76	48.12 2.72 -1.06	41.75 2.17 -0.94	39.02 1.93 -1.12	39.45 1.87 -0.54	37.44 1.64 -0.44
RAVENSWOOD_GT_4 24252	34.35 1.12 -2.86	36.61 1.10 -3.37	36.56 1.20 -3.38	34.99 1.27 -3.66	34.79 1.31 -3.70	39.95 1.66 -2.47	67.16 3.11 4.47	126.54 5.99 7.02	62.65 3.14 1.99	43.11 2.19 -1.32	33.78 1.89 1.34	27.19 1.61 2.17	23.47 1.53 5.42	21.44 1.55 6.40	15.25 1.51 10.88	15.47 1.36 7.23	21.83 1.48 2.32	24.89 1.73 5.33	42.46 1.91 -5.03	54.02 2.70 -6.97	47.00 2.15 -6.22	45.24 1.92 -7.36	42.48 1.85 -3.59	39.90 1.62 -2.92
RAVENSWOOD_GT_5 24254	34.35 1.12 -2.86	36.61 1.10 -3.37	36.56 1.20 -3.38	34.99 1.27 -3.66	34.79 1.31 -3.70	39.95 1.66 -2.47	67.16 3.11 4.47	126.54 5.99 7.02	62.65 3.14 1.99	43.11 2.19 -1.32	33.78 1.89 1.34	27.19 1.61 2.17	23.47 1.53 5.42	21.44 1.55 6.40	15.25 1.51 10.88	15.47 1.36 7.23	21.83 1.48 2.32	24.89 1.73 5.33	42.46 1.91 -5.03	54.02 2.70 -6.97	47.00 2.15 -6.22	45.24 1.92 -7.36	42.48 1.85 -3.59	39.90 1.62 -2.92
RAVENSWOOD_GT_6 24253	34.35 1.12 -2.86	36.61 1.10 -3.37	36.56 1.20 -3.38	34.99 1.27 -3.66	34.79 1.31 -3.70	39.95 1.66 -2.47	67.16 3.11 4.47	126.54 5.99 7.02	62.65 3.14 1.99	43.11 2.19 -1.32	33.78 1.89 1.34	27.19 1.61 2.17	23.47 1.53 5.42	21.44 1.55 6.40	15.25 1.51 10.88	15.47 1.36 7.23	21.83 1.48 2.32	24.89 1.73 5.33	42.46 1.91 -5.03	54.02 2.70 -6.97	47.00 2.15 -6.22	45.24 1.92 -7.36	42.48 1.85 -3.59	39.90 1.62 -2.92
RAVENSWOOD_GT_7 24255	34.35 1.12 -2.86	36.61 1.10 -3.37	36.56 1.20 -3.38	34.99 1.27 -3.66	34.79 1.31 -3.70	39.95 1.66 -2.47	67.16 3.11 4.47	126.54 5.99 7.02	62.65 3.14 1.99	43.11 2.19 -1.32	33.78 1.89 1.34	27.19 1.61 2.17	23.47 1.53 5.42	21.44 1.55 6.40	15.25 1.51 10.88	15.47 1.36 7.23	21.83 1.48 2.32	24.89 1.73 5.33	42.46 1.91 -5.03	54.02 2.70 -6.97	47.00 2.15 -6.22	45.24 1.92 -7.36	42.48 1.85 -3.59	39.90 1.62 -2.92
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.95 1.14 -0.43	33.77 1.12 -0.51	33.71 1.22 -0.51	31.89 1.28 -0.56	31.67 1.32 -0.56	37.53 1.67 -0.03	66.94 3.13 4.71	126.15 5.99 7.41	61.61 3.18 3.07	41.31 2.20 0.50	34.94 1.91 0.20	29.05 1.62 0.33	28.08 1.54 0.82	26.88 1.55 0.97	24.50 1.53 1.65	21.62 1.37 1.09	23.81 1.49 0.35	29.43 1.75 0.81	38.22 1.93 -0.76	48.12 2.72 -1.06	41.75 2.17 -0.94	39.02 1.93 -1.12	39.45 1.87 -0.54	37.44 1.64 -0.44

RAVENSWOOD_GT_9 24257	31.95 1.14 -0.43	33.77 1.12 -0.51	33.71 1.22 -0.51	31.89 1.28 -0.56	31.67 1.32 -0.56	37.53 1.67 -0.03	66.94 3.13 4.71	126.15 5.99 7.41	61.61 3.18 3.07	41.31 2.20 0.50	34.94 1.91 0.20	29.05 1.62 0.33	28.08 1.54 0.82	26.88 1.55 0.97	24.50 1.53 1.65	21.62 1.37 1.09	23.81 1.49 0.35	29.43 1.75 0.81	38.22 1.93 -0.76	48.12 2.72 -1.06	41.75 2.17 -0.94	39.02 1.93 -1.12	39.45 1.87 -0.54	37.44 1.64 -0.44
RAVENSWOOD___1 23533	27.92 1.24 3.70	29.01 1.22 4.35	28.92 1.32 4.37	26.70 1.38 4.74	26.41 1.42 4.79	33.49 1.78 4.12	66.68 3.27 5.11	125.87 6.38 8.08	60.00 3.41 4.92	38.39 2.36 3.58	37.01 2.04 -1.73	32.31 1.73 -2.81	36.01 1.64 -7.01	36.22 1.65 -8.27	40.30 1.61 -14.07	32.15 1.45 -9.36	27.24 1.57 -3.00	37.23 1.85 -6.89	31.08 2.06 6.50	38.22 2.88 9.01	32.89 2.30 8.05	28.51 2.07 9.52	34.39 1.99 4.64	33.31 1.73 3.78
RAVENSWOOD___2 23534	27.92 1.24 3.70	29.01 1.22 4.35	28.92 1.32 4.37	26.70 1.38 4.74	26.41 1.42 4.79	33.49 1.78 4.12	66.68 3.27 5.11	125.87 6.38 8.08	60.00 3.41 4.92	38.39 2.36 3.58	37.01 2.04 -1.73	32.31 1.73 -2.81	36.01 1.64 -7.01	36.22 1.65 -8.27	40.30 1.61 -14.07	32.15 1.45 -9.36	27.24 1.57 -3.00	37.23 1.85 -6.89	31.08 2.06 6.50	38.22 2.88 9.01	32.89 2.30 8.05	28.51 2.07 9.52	34.39 1.99 4.64	33.31 1.73 3.78
RAVENSWOOD___3 23535	31.52 1.14 0.00	33.26 1.12 0.00	33.20 1.22 0.00	31.34 1.29 0.00	31.11 1.33 0.00	37.10 1.68 0.40	66.90 3.13 4.75	126.08 5.99 7.48	61.42 3.18 3.27	40.99 2.21 0.82	35.15 1.91 0.00	29.39 1.63 0.00	28.91 1.55 0.00	27.85 1.55 0.00	26.15 1.53 0.00	22.72 1.38 0.00	24.16 1.49 0.00	30.24 1.75 0.00	37.46 1.94 0.00	47.07 2.73 0.00	40.81 2.18 0.00	37.91 1.94 0.00	38.91 1.87 0.00	36.98 1.62 0.00
RAVENSWOOD___4 23820	27.92 1.24 3.70	29.01 1.22 4.35	28.92 1.32 4.37	26.70 1.38 4.74	26.41 1.42 4.79	33.49 1.78 4.12	66.68 3.27 5.11	125.87 6.38 8.08	60.00 3.41 4.92	38.39 2.36 3.58	37.01 2.04 -1.73	32.31 1.73 -2.81	36.01 1.64 -7.01	36.22 1.65 -8.27	40.30 1.61 -14.07	32.15 1.45 -9.36	27.24 1.57 -3.00	37.23 1.85 -6.89	31.08 2.06 6.50	38.22 2.88 9.01	32.89 2.30 8.05	28.51 2.07 9.52	34.39 1.99 4.64	33.31 1.73 3.78
RCPL_TRUST___DRP 24196	31.51 1.13 0.00	33.28 1.14 0.00	33.46 1.48 0.00	31.58 1.53 0.00	31.13 1.35 0.00	37.13 1.71 0.40	66.98 3.21 4.75	126.29 6.20 7.48	61.53 3.29 3.27	41.06 2.28 0.82	35.20 1.96 0.00	29.47 1.71 0.00	29.27 1.91 0.00	28.04 1.74 0.00	26.18 1.56 0.00	22.73 1.39 0.00	24.18 1.50 0.00	30.24 1.75 0.00	37.46 1.94 0.00	47.08 2.73 0.00	40.81 2.18 0.00	37.89 1.92 0.00	38.90 1.86 0.00	36.99 1.63 0.00
RED___ROCHESTER 323720	29.83 -0.55 0.00	31.60 -0.55 0.00	31.23 -0.75 0.00	29.30 -0.76 0.00	29.08 -0.70 0.00	34.27 -0.45 1.11	54.91 -0.61 13.00	106.00 -1.09 20.49	51.76 -0.80 8.95	36.56 -0.81 2.24	32.63 -0.60 0.00	27.16 -0.60 0.00	26.59 -0.77 0.00	25.22 -1.07 0.00	23.56 -1.06 0.00	20.37 -0.98 0.00	21.56 -1.11 0.00	27.20 -1.29 0.00	34.19 -1.33 0.00	42.61 -1.74 0.00	36.89 -1.74 0.00	34.29 -1.67 0.00	35.43 -1.61 0.00	33.90 -1.46 0.00
REGAN___SOLAR 323812	31.83 1.46 0.00	33.62 1.48 0.00	33.46 1.48 0.00	31.48 1.42 0.00	31.21 1.43 0.00	37.31 1.90 0.42	67.52 3.92 4.92	127.53 7.71 7.75	61.35 3.23 3.38	40.28 1.53 0.85	33.73 0.49 0.00	27.44 -0.32 0.00	26.91 -0.45 0.00	25.85 -0.44 0.00	24.21 -0.41 0.00	21.01 -0.34 0.00	22.38 -0.29 0.00	28.80 0.32 0.00	37.22 1.70 0.00	47.18 2.84 0.00	41.05 2.42 0.00	38.14 2.17 0.00	39.21 2.17 0.00	37.36 2.01 0.00
RENSSELAER___COGEN 23796	30.75 0.37 0.00	32.48 0.34 0.00	32.34 0.36 0.00	30.50 0.45 0.00	30.30 0.52 0.00	36.04 0.60 0.39	64.76 0.83 4.60	121.75 1.41 7.24	59.25 0.90 3.16	39.56 0.75 0.79	33.93 0.69 0.00	28.38 0.61 0.00	27.97 0.60 0.00	26.90 0.61 0.00	25.18 0.55 0.00	21.86 0.52 0.00	23.21 0.54 0.00	29.09 0.60 0.00	36.16 0.64 0.00	45.20 0.85 0.00	39.29 0.66 0.00	36.72 0.75 0.00	37.75 0.71 0.00	35.99 0.63 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.29 1.92 0.00	34.27 2.13 0.00	33.98 2.00 0.00	32.07 2.01 0.00	31.99 2.21 0.00	38.32 2.88 0.40	69.04 5.17 4.64	129.34 9.08 7.31	63.28 4.96 3.19	41.99 3.19 0.80	35.43 2.20 0.00	29.47 1.71 0.00	28.76 1.40 0.00	27.56 1.27 0.00	25.78 1.16 0.00	22.28 0.94 0.00	23.79 1.12 0.00	29.95 1.46 0.00	37.20 1.68 0.00	47.05 2.70 0.00	41.13 2.50 0.00	38.92 2.96 0.00	40.06 3.02 0.00	38.00 2.64 0.00
REVERE_CPFR_DRP 24186	30.92 0.54 0.00	32.65 0.50 0.00	32.48 0.50 0.00	30.61 0.56 0.00	30.36 0.58 0.00	36.13 0.90 0.60	63.80 2.25 6.97	120.91 4.34 11.00	58.40 1.70 4.81	39.14 0.74 1.20	33.47 0.24 0.00	27.88 0.12 0.00	27.45 0.09 0.00	26.40 0.11 0.00	24.68 0.06 0.00	21.37 0.03 0.00	22.80 0.13 0.00	29.01 0.52 0.00	36.53 1.01 0.00	45.96 1.61 0.00	39.89 1.26 0.00	37.07 1.10 0.00	38.09 1.05 0.00	36.26 0.91 0.00
REYNOLDS_115KV_TB3 80639	30.86 0.49 0.00	32.62 0.47 0.00	32.46 0.49 0.00	30.63 0.58 0.00	30.43 0.65 0.00	36.20 0.76 0.39	64.93 1.02 4.60	122.10 1.78 7.26	59.47 1.13 3.17	39.76 0.95 0.79	34.08 0.85 0.00	28.52 0.76 0.00	28.12 0.76 0.00	27.06 0.76 0.00	25.31 0.69 0.00	21.97 0.63 0.00	23.32 0.65 0.00	29.22 0.73 0.00	36.28 0.75 0.00	45.31 0.96 0.00	39.41 0.77 0.00	36.87 0.90 0.00	37.91 0.87 0.00	36.17 0.82 0.00
RIVERBAY____ 323610	31.58 1.19 -0.01	33.33 1.18 -0.01	33.44 1.46 -0.01	31.55 1.49 -0.01	31.34 1.55 -0.01	37.38 1.95 0.40	67.21 3.44 4.75	126.66 6.56 7.48	61.71 3.47 3.27	41.07 2.28 0.81	35.23 1.99 -0.01	29.37 1.61 0.00	28.88 1.51 -0.01	27.81 1.52 0.00	26.12 1.49 -0.01	22.68 1.34 0.00	24.13 1.46 0.00	30.20 1.71 0.00	37.41 1.89 0.00	47.06 2.71 0.00	40.78 2.15 0.00	37.90 1.93 -0.01	38.90 1.86 0.00	37.07 1.71 -0.01
RIVERSDE_115KV_TB3 55908	30.83 0.45 0.00	32.57 0.43 0.00	32.42 0.45 0.00	30.58 0.53 0.00	30.38 0.60 0.00	36.14 0.71 0.39	64.90 0.99 4.60	122.06 1.74 7.26	59.43 1.09 3.17	39.70 0.89 0.79	34.03 0.80 0.00	28.48 0.71 0.00	28.07 0.71 0.00	27.00 0.71 0.00	25.27 0.64 0.00	21.93 0.59 0.00	23.29 0.62 0.00	29.19 0.70 0.00	36.26 0.74 0.00	45.29 0.95 0.00	39.39 0.75 0.00	36.83 0.86 0.00	37.87 0.83 0.00	36.11 0.75 0.00
ROARING___BROOK_WT_PWR 323790	29.67 -0.70 0.00	31.42 -0.72 0.00	31.47 -0.50 0.00	29.54 -0.52 0.00	29.28 -0.49 0.00	34.91 -0.59 0.33	63.71 -0.93 3.87	119.82 -1.66 6.10	57.92 -0.92 2.66	38.27 -0.67 0.67	32.79 -0.44 0.00	27.36 -0.40 0.00	26.97 -0.39 0.00	25.87 -0.42 0.00	24.12 -0.51 0.00	20.94 -0.40 0.00	22.26 -0.41 0.00	28.11 -0.37 0.00	35.10 -0.43 0.00	44.01 -0.34 0.00	38.28 -0.35 0.00	35.43 -0.53 0.00	36.53 -0.51 0.00	34.79 -0.57 0.00

ROCHESRG_115KV_T4 355643	29.52 -0.85 0.00	31.30 -0.85 0.00	30.93 -1.04 0.00	29.02 -1.04 0.00	28.79 -0.99 0.00	33.89 -0.83 1.12	54.02 -1.42 13.08	104.32 -2.65 20.61	51.00 -1.51 9.00	36.14 -1.21 2.26	32.31 -0.93 0.00	26.90 -0.87 0.00	26.34 -1.01 0.00	25.00 -1.30 0.00	23.36 -1.26 0.00	20.19 -1.16 0.00	21.37 -1.30 0.00	26.92 -1.57 0.00	33.79 -1.74 0.00	42.10 -2.25 0.00	36.46 -2.17 0.00	33.90 -2.07 0.00	34.26 -2.04 0.74	32.28 -1.86 1.21
ROCHESTER_9_IC 23652	29.67 -0.70 0.00	31.46 -0.69 0.00	31.09 -0.89 0.00	29.17 -0.89 0.00	28.94 -0.83 0.00	34.09 -0.64 1.11	54.52 -0.99 13.00	105.28 -1.80 20.49	51.42 -1.14 8.95	36.35 -1.01 2.24	32.47 -0.76 0.00	27.04 -0.73 0.00	26.47 -0.89 0.00	25.11 -1.18 0.00	23.46 -1.16 0.00	20.28 -1.07 0.00	21.47 -1.20 0.00	27.06 -1.43 0.00	33.99 -1.54 0.00	42.36 -1.99 0.00	36.69 -1.95 0.00	34.10 -1.86 0.00	35.20 -1.84 0.00	33.68 -1.68 0.00
ROCKVIEW_13_KV_LD 356306	31.54 1.16 0.00	33.29 1.14 0.00	33.17 1.19 0.00	31.30 1.25 0.00	31.06 1.28 0.00	37.08 1.65 0.40	66.89 3.12 4.75	126.06 5.97 7.48	61.37 3.13 3.27	40.95 2.17 0.82	35.10 1.86 0.00	29.34 1.58 0.00	28.87 1.51 0.00	27.82 1.52 0.00	26.11 1.49 0.00	22.68 1.34 0.00	24.13 1.46 0.00	30.22 1.74 0.00	37.46 1.94 0.00	47.07 2.73 0.00	40.81 2.18 0.00	37.93 1.97 0.00	38.95 1.91 0.00	37.04 1.68 0.00
ROME____115KV_TB2 80656	30.92 0.54 0.00	32.65 0.50 0.00	32.48 0.50 0.00	30.61 0.56 0.00	30.36 0.58 0.00	36.13 0.90 0.60	63.80 2.25 6.97	120.91 4.34 11.00	58.40 1.70 4.81	39.14 0.74 1.20	33.47 0.24 0.00	27.88 0.12 0.00	27.45 0.09 0.00	26.40 0.11 0.00	24.68 0.06 0.00	21.37 0.03 0.00	22.80 0.13 0.00	29.01 0.52 0.00	36.53 1.01 0.00	45.96 1.61 0.00	39.89 1.26 0.00	37.07 1.10 0.00	38.09 1.05 0.00	36.26 0.91 0.00
ROSETON___1 23587	31.17 0.80 0.00	32.94 0.79 0.00	32.83 0.85 0.00	30.97 0.91 0.00	30.74 0.96 0.00	36.65 1.22 0.41	66.00 2.24 4.75	124.29 4.20 7.49	60.45 2.21 3.27	40.32 1.54 0.82	34.53 1.29 0.00	28.87 1.11 0.00	28.42 1.06 0.00	27.38 1.09 0.00	25.69 1.06 0.00	22.32 0.98 0.00	23.74 1.07 0.00	29.74 1.26 0.00	36.91 1.39 0.00	46.34 1.99 0.00	40.21 1.58 0.00	37.41 1.45 0.00	38.44 1.39 0.00	36.56 1.21 0.00
ROSETON___2 23588	31.17 0.80 0.00	32.94 0.79 0.00	32.83 0.85 0.00	30.97 0.91 0.00	30.74 0.96 0.00	36.65 1.22 0.41	66.00 2.24 4.75	124.29 4.20 7.49	60.45 2.21 3.27	40.32 1.54 0.82	34.53 1.29 0.00	28.87 1.11 0.00	28.42 1.06 0.00	27.38 1.09 0.00	25.69 1.06 0.00	22.32 0.98 0.00	23.74 1.07 0.00	29.74 1.26 0.00	36.91 1.39 0.00	46.34 1.99 0.00	40.21 1.58 0.00	37.41 1.45 0.00	38.44 1.39 0.00	36.56 1.21 0.00
ROTRDAM_115KV_TB3 80664	30.91 0.53 0.00	32.69 0.55 0.00	32.52 0.55 0.00	30.64 0.58 0.00	30.40 0.62 0.00	36.23 0.80 0.40	65.26 1.40 4.66	122.78 2.55 7.35	59.60 1.31 3.21	39.69 0.89 0.80	33.90 0.67 0.00	28.27 0.50 0.00	27.83 0.47 0.00	26.74 0.45 0.00	25.04 0.42 0.00	21.75 0.40 0.00	23.14 0.47 0.00	29.12 0.64 0.00	36.36 0.84 0.00	45.53 1.18 0.00	39.58 0.96 0.00	36.97 1.00 0.00	38.04 1.00 0.00	36.25 0.90 0.00
RUSSELL___1 23602	29.83 -0.55 0.00	31.60 -0.55 0.00	31.23 -0.75 0.00	29.30 -0.76 0.00	29.08 -0.70 0.00	34.26 -0.46 1.11	54.90 -0.62 13.00	105.98 -1.10 20.49	51.73 -0.82 8.95	36.53 -0.83 2.24	32.64 -0.60 0.00	27.16 -0.60 0.00	26.59 -0.77 0.00	25.22 -1.08 0.00	23.56 -1.06 0.00	20.36 -0.99 0.00	21.56 -1.11 0.00	27.20 -1.29 0.00	34.18 -1.34 0.00	42.60 -1.75 0.00	36.89 -1.74 0.00	34.29 -1.67 0.00	35.39 -1.65 0.00	33.84 -1.51 0.00
RUSSELL___2 23532	29.83 -0.55 0.00	31.60 -0.55 0.00	31.23 -0.75 0.00	29.30 -0.76 0.00	29.08 -0.70 0.00	34.26 -0.46 1.11	54.90 -0.62 13.00	105.98 -1.10 20.49	51.73 -0.82 8.95	36.53 -0.83 2.24	32.64 -0.60 0.00	27.16 -0.60 0.00	26.59 -0.77 0.00	25.22 -1.08 0.00	23.56 -1.06 0.00	20.36 -0.99 0.00	21.56 -1.11 0.00	27.20 -1.29 0.00	34.18 -1.34 0.00	42.60 -1.75 0.00	36.89 -1.74 0.00	34.29 -1.67 0.00	35.39 -1.65 0.00	33.84 -1.51 0.00
RUSSELL___3 23549	29.83 -0.55 0.00	31.60 -0.55 0.00	31.23 -0.75 0.00	29.30 -0.76 0.00	29.08 -0.70 0.00	34.26 -0.46 1.11	54.90 -0.62 13.00	105.98 -1.10 20.49	51.73 -0.82 8.95	36.53 -0.83 2.24	32.64 -0.60 0.00	27.16 -0.60 0.00	26.59 -0.77 0.00	25.22 -1.08 0.00	23.56 -1.06 0.00	20.36 -0.99 0.00	21.56 -1.11 0.00	27.20 -1.29 0.00	34.18 -1.34 0.00	42.60 -1.75 0.00	36.89 -1.74 0.00	34.29 -1.67 0.00	35.39 -1.65 0.00	33.84 -1.51 0.00
RUSSELL___4 23556	29.83 -0.55 0.00	31.60 -0.55 0.00	31.23 -0.75 0.00	29.30 -0.76 0.00	29.08 -0.70 0.00	34.26 -0.46 1.11	54.90 -0.62 13.00	105.98 -1.10 20.49	51.73 -0.82 8.95	36.53 -0.83 2.24	32.64 -0.60 0.00	27.16 -0.60 0.00	26.59 -0.77 0.00	25.22 -1.08 0.00	23.56 -1.06 0.00	20.36 -0.99 0.00	21.56 -1.11 0.00	27.20 -1.29 0.00	34.18 -1.34 0.00	42.60 -1.75 0.00	36.89 -1.74 0.00	34.29 -1.67 0.00	35.39 -1.65 0.00	33.84 -1.51 0.00
RUSSELL___STATION 23914	29.83 -0.55 0.00	31.60 -0.55 0.00	31.23 -0.75 0.00	29.30 -0.76 0.00	29.08 -0.70 0.00	34.26 -0.46 1.11	54.90 -0.62 13.00	105.98 -1.10 20.49	51.73 -0.82 8.95	36.53 -0.83 2.24	32.64 -0.60 0.00	27.16 -0.60 0.00	26.59 -0.77 0.00	25.22 -1.08 0.00	23.56 -1.06 0.00	20.36 -0.99 0.00	21.56 -1.11 0.00	27.20 -1.29 0.00	34.18 -1.34 0.00	42.60 -1.75 0.00	36.89 -1.74 0.00	34.29 -1.67 0.00	35.39 -1.65 0.00	33.84 -1.51 0.00
S SALMON___HYD 24043	29.43 -0.94 0.00	31.12 -1.03 0.00	31.01 -0.97 0.00	30.25 -0.77 -0.96	29.92 -0.82 -0.96	35.17 -0.83 -0.17	61.18 -1.07 6.26	114.99 -2.01 10.57	55.38 -1.50 4.62	36.93 -1.52 1.16	31.70 -1.53 0.00	26.40 -1.36 0.00	26.03 -1.33 0.00	24.96 -1.34 0.00	23.34 -1.36 -0.08	20.57 -1.17 -0.39	21.48 -1.19 0.00	27.29 -1.20 0.00	34.46 -1.07 0.00	43.63 -0.72 0.00	37.89 -0.74 0.00	35.22 -0.74 0.00	36.17 -0.87 0.00	34.59 -0.77 0.00
S.PERRY__115KV_TB1 80734	29.78 -0.60 0.00	31.63 -0.51 0.00	31.35 -0.63 0.00	29.49 -0.57 0.00	29.27 -0.51 0.00	34.63 -0.21 0.99	57.13 0.19 11.57	110.21 0.87 18.24	53.04 -0.50 7.97	36.21 -1.39 2.00	32.13 -1.11 0.00	26.78 -0.98 0.00	26.22 -1.14 0.00	24.88 -1.42 0.00	23.35 -1.28 0.00	20.17 -1.18 0.00	21.34 -1.33 0.00	27.09 -1.39 0.00	34.47 -1.06 0.00	43.87 -0.48 0.00	37.88 -0.75 0.00	34.95 -1.01 0.00	50.88 -1.16 -14.99	58.57 -1.30 -24.52
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.17 -1.20 0.00	30.99 -1.15 0.00	30.48 -1.50 0.00	28.59 -1.47 0.00	28.40 -1.38 0.00	33.63 -1.15 1.05	53.91 -2.31 12.29	103.85 -4.36 19.37	50.84 -2.21 8.46	35.95 -1.53 2.12	32.18 -1.06 0.00	26.72 -1.04 0.00	26.03 -1.33 0.00	24.52 -1.77 0.00	22.92 -1.70 0.00	19.79 -1.56 0.00	20.92 -1.75 0.00	26.29 -2.19 0.00	32.99 -2.54 0.00	40.87 -3.48 0.00	35.25 -3.38 0.00	32.67 -3.30 0.00	30.70 -3.23 3.10	27.33 -2.96 5.07

SAWYER___23_KV_LOAD 55526	29.17 -1.20 0.00	30.99 -1.15 0.00	30.48 -1.50 0.00	28.59 -1.47 0.00	28.40 -1.38 0.00	33.63 -1.15 1.05	53.91 -2.31 12.29	103.85 -4.36 19.37	50.84 -2.21 8.46	35.95 -1.53 2.12	32.18 -1.06 0.00	26.72 -1.04 0.00	26.03 -1.33 0.00	24.52 -1.77 0.00	22.92 -1.70 0.00	19.79 -1.56 0.00	20.92 -1.75 0.00	26.29 -2.19 0.00	32.99 -2.54 0.00	40.87 -3.48 0.00	35.25 -3.38 0.00	32.67 -3.30 0.00	30.70 -3.23 3.10	27.33 -2.96 5.07
SELKIRK___I 23801	30.97 0.60 0.00	32.74 0.60 0.00	32.60 0.62 0.00	30.73 0.67 0.00	30.51 0.73 0.00	36.33 0.89 0.39	65.36 1.43 4.59	122.78 2.44 7.23	59.64 1.29 3.16	39.74 0.92 0.79	34.02 0.78 0.00	28.38 0.61 0.00	27.90 0.54 0.00	26.81 0.52 0.00	25.08 0.46 0.00	21.77 0.43 0.00	23.14 0.47 0.00	29.14 0.65 0.00	36.36 0.84 0.00	45.48 1.13 0.00	39.52 0.89 0.00	36.90 0.94 0.00	37.95 0.91 0.00	36.19 0.83 0.00
SELKIRK___II 23799	30.81 0.44 0.00	32.56 0.42 0.00	32.42 0.44 0.00	30.56 0.51 0.00	30.35 0.57 0.00	36.12 0.68 0.39	64.97 1.04 4.58	122.15 1.80 7.22	59.39 1.04 3.15	39.63 0.82 0.79	33.96 0.72 0.00	28.38 0.62 0.00	27.96 0.61 0.00	26.89 0.60 0.00	25.18 0.56 0.00	21.86 0.52 0.00	23.22 0.55 0.00	29.13 0.64 0.00	36.24 0.71 0.00	45.31 0.97 0.00	39.39 0.76 0.00	36.77 0.80 0.00	37.80 0.76 0.00	36.04 0.68 0.00
SENECA OSWGO___HYD 24041	29.71 -0.67 0.00	31.41 -0.74 0.00	31.21 -0.76 0.00	29.31 -0.75 0.00	29.01 -0.77 0.00	34.59 -0.87 0.37	62.71 -1.43 4.38	118.06 -2.61 6.91	57.06 -1.43 3.02	37.73 -1.12 0.76	32.26 -0.97 0.00	26.97 -0.79 0.00	26.61 -0.76 0.00	25.52 -0.77 0.00	23.89 -0.73 0.00	20.71 -0.63 0.00	22.00 -0.67 0.00	27.67 -0.82 0.00	34.57 -0.95 0.00	43.20 -1.15 0.00	37.50 -1.13 0.00	34.98 -0.98 0.00	35.98 -1.06 0.00	34.37 -0.98 0.00
SENECA___115KV_TB3 355854	29.54 -0.84 0.00	31.38 -0.76 0.00	30.87 -1.11 0.00	29.00 -1.06 0.00	28.77 -1.01 0.00	34.11 -0.69 1.03	55.04 -1.36 12.11	106.07 -2.41 19.09	51.85 -1.32 8.33	36.54 -0.97 2.09	32.65 -0.59 0.00	27.11 -0.65 0.00	26.40 -0.96 0.00	24.90 -1.40 0.00	23.30 -1.32 0.00	20.12 -1.23 0.00	21.29 -1.38 0.00	26.76 -1.73 0.00	33.56 -1.96 0.00	41.63 -2.73 0.00	35.86 -2.77 0.00	33.22 -2.74 0.00	31.66 -2.73 2.65	28.47 -2.55 4.34
SENECA___ENERGY 23797	29.79 -0.58 0.00	31.53 -0.61 0.00	31.31 -0.67 0.00	29.50 -0.56 0.00	29.18 -0.60 0.00	34.57 -0.49 0.77	58.92 -0.55 9.04	112.48 -0.85 14.25	54.45 -0.84 6.22	37.13 -0.91 1.56	32.34 -0.89 0.00	26.99 -0.77 0.00	26.59 -0.77 0.00	25.44 -0.86 0.00	23.82 -0.80 0.00	20.62 -0.73 0.00	21.88 -0.79 0.00	27.61 -0.88 0.00	34.73 -0.79 0.00	43.58 -0.77 0.00	37.78 -0.85 0.00	35.11 -0.86 0.00	37.04 -1.01 -1.02	35.98 -1.03 -1.66
SHOEMAKER___GT 23640	31.06 0.68 0.00	32.81 0.67 0.00	32.69 0.71 0.00	30.82 0.77 0.00	30.58 0.80 0.00	36.47 1.05 0.41	65.69 1.96 4.79	123.77 3.74 7.55	60.08 1.87 3.30	39.97 1.20 0.83	34.18 0.95 0.00	28.54 0.77 0.00	28.09 0.73 0.00	27.05 0.75 0.00	25.39 0.77 0.00	22.06 0.71 0.00	23.46 0.79 0.00	29.47 0.99 0.00	36.69 1.16 0.00	46.10 1.75 0.00	40.02 1.38 0.00	37.21 1.24 0.00	38.25 1.21 0.00	36.38 1.03 0.00
SHOEMAKR_138KV_BK 111 55601	31.04 0.67 0.00	32.81 0.66 0.00	32.68 0.70 0.00	30.82 0.76 0.00	30.57 0.79 0.00	36.45 1.03 0.41	65.66 1.94 4.79	123.71 3.69 7.55	60.06 1.85 3.30	39.98 1.21 0.83	34.20 0.97 0.00	28.55 0.79 0.00	28.10 0.75 0.00	27.07 0.78 0.00	25.41 0.79 0.00	22.08 0.74 0.00	23.48 0.82 0.00	29.49 1.00 0.00	36.69 1.16 0.00	46.08 1.73 0.00	39.99 1.36 0.00	37.20 1.24 0.00	38.24 1.20 0.00	36.38 1.03 0.00
SHOREHAM_IC_1 23715	34.46 0.42 -3.66	32.47 0.33 0.00	32.57 0.59 0.00	30.68 0.63 0.00	30.53 0.75 0.00	35.87 0.80 0.77	60.99 1.15 8.68	122.32 2.22 7.48	59.51 1.27 3.27	40.11 1.32 0.82	34.52 1.19 -0.09	28.65 0.89 0.00	28.39 1.03 0.00	27.28 0.99 0.00	25.77 1.15 0.00	22.32 0.98 0.00	23.72 1.05 0.00	29.69 1.20 0.00	36.01 0.92 0.44	46.15 1.80 0.00	40.02 1.39 0.00	37.44 1.47 0.00	38.70 1.66 0.00	36.69 1.33 0.00
SHOREHAM_IC_2 23716	34.46 0.42 -3.66	32.47 0.33 0.00	32.57 0.59 0.00	30.68 0.63 0.00	30.53 0.75 0.00	35.87 0.80 0.77	60.99 1.15 8.68	122.32 2.22 7.48	59.51 1.27 3.27	40.11 1.32 0.82	34.52 1.19 -0.09	28.65 0.89 0.00	28.39 1.03 0.00	27.28 0.99 0.00	25.77 1.15 0.00	22.32 0.98 0.00	23.72 1.05 0.00	29.69 1.20 0.00	36.01 0.92 0.44	46.15 1.80 0.00	40.02 1.39 0.00	37.44 1.47 0.00	38.70 1.66 0.00	36.69 1.33 0.00
SISSONVILLE____ 23735	29.98 -0.40 0.00	31.87 -0.28 0.00	31.70 -0.28 0.00	37.15 -0.48 -7.58	36.85 -0.46 -7.54	42.06 -0.70 -6.93	68.43 -1.04 -0.95	121.52 -2.06 4.00	58.37 -1.35 1.79	38.10 -1.08 0.42	32.20 -1.04 0.00	26.85 -0.91 0.00	26.34 -1.02 0.00	25.34 -0.96 0.00	24.30 -0.93 -0.62	23.55 -0.89 -3.09	22.20 -0.94 -0.48	27.46 -1.03 0.00	34.63 -0.89 0.00	43.50 -0.85 0.00	38.32 -0.31 0.00	35.60 -0.37 0.00	36.77 -0.26 0.00	35.27 -0.08 0.00
SITHE_IND_GS1 24169	29.42 -0.95 0.00	31.11 -1.03 0.00	30.93 -1.05 0.00	29.05 -1.01 0.00	28.72 -1.06 0.00	31.32 -1.27 3.24	28.18 -2.29 38.05	63.39 -4.23 59.96	33.16 -2.17 26.18	31.54 -1.50 6.56	32.01 -1.22 0.00	26.78 -0.98 0.00	26.51 -0.85 0.00	25.45 -0.85 0.00	23.82 -0.80 0.00	20.64 -0.70 0.00	21.90 -0.77 0.00	27.49 -1.00 0.00	34.29 -1.24 0.00	42.80 -1.55 0.00	37.16 -1.47 0.00	34.64 -1.33 0.00	35.67 -1.37 0.00	34.10 -1.26 0.00
SITHE_IND_GS2 24170	29.42 -0.95 0.00	31.11 -1.03 0.00	30.93 -1.05 0.00	29.05 -1.01 0.00	28.72 -1.06 0.00	31.32 -1.27 3.24	28.18 -2.29 38.05	63.39 -4.23 59.96	33.16 -2.17 26.18	31.54 -1.50 6.56	32.01 -1.22 0.00	26.78 -0.98 0.00	26.51 -0.85 0.00	25.45 -0.85 0.00	23.82 -0.80 0.00	20.64 -0.70 0.00	21.90 -0.77 0.00	27.49 -1.00 0.00	34.29 -1.24 0.00	42.80 -1.55 0.00	37.16 -1.47 0.00	34.64 -1.33 0.00	35.67 -1.37 0.00	34.10 -1.26 0.00
SITHE_IND_GS3 24171	29.42 -0.95 0.00	31.11 -1.03 0.00	30.93 -1.05 0.00	29.05 -1.01 0.00	28.72 -1.06 0.00	31.32 -1.27 3.24	28.18 -2.29 38.05	63.39 -4.23 59.96	33.16 -2.17 26.18	31.54 -1.50 6.56	32.01 -1.22 0.00	26.78 -0.98 0.00	26.51 -0.85 0.00	25.45 -0.85 0.00	23.82 -0.80 0.00	20.64 -0.70 0.00	21.90 -0.77 0.00	27.49 -1.00 0.00	34.29 -1.24 0.00	42.80 -1.55 0.00	37.16 -1.47 0.00	34.64 -1.33 0.00	35.67 -1.37 0.00	34.10 -1.26 0.00
SITHE_IND_GS4 24172	29.42 -0.95 0.00	31.11 -1.03 0.00	30.93 -1.05 0.00	29.05 -1.01 0.00	28.72 -1.06 0.00	31.32 -1.27 3.24	28.18 -2.29 38.05	63.39 -4.23 59.96	33.16 -2.17 26.18	31.54 -1.50 6.56	32.01 -1.22 0.00	26.78 -0.98 0.00	26.51 -0.85 0.00	25.45 -0.85 0.00	23.82 -0.80 0.00	20.64 -0.70 0.00	21.90 -0.77 0.00	27.49 -1.00 0.00	34.29 -1.24 0.00	42.80 -1.55 0.00	37.16 -1.47 0.00	34.64 -1.33 0.00	35.67 -1.37 0.00	34.10 -1.26 0.00

SITHE___BATAVIA 24024	29.87 -0.50 0.00	31.70 -0.45 0.00	31.22 -0.76 0.00	29.28 -0.77 0.00	29.15 -0.63 0.00	34.53 -0.22 1.08	55.59 -0.31 12.62	107.24 -0.45 19.89	52.19 -0.64 8.69	36.52 -0.91 2.18	32.54 -0.69 0.00	26.96 -0.80 0.00	26.25 -1.10 0.00	24.76 -1.53 0.00	23.11 -1.51 0.00	19.97 -1.37 0.00	21.11 -1.56 0.00	26.64 -1.85 0.00	33.77 -1.76 0.00	42.23 -2.12 0.00	36.56 -2.07 0.00	33.89 -2.08 0.00	32.56 -2.03 2.45	29.48 -1.86 4.02
SITHE___INDEPEND 23800	29.42 -0.95 0.00	31.11 -1.03 0.00	30.93 -1.05 0.00	29.05 -1.01 0.00	28.71 -1.07 0.00	31.32 -1.27 3.24	28.18 -2.29 38.05	63.38 -4.23 59.96	33.15 -2.17 26.18	31.54 -1.50 6.56	32.02 -1.22 0.00	26.78 -0.98 0.00	26.51 -0.85 0.00	25.45 -0.84 0.00	23.82 -0.80 0.00	20.64 -0.70 0.00	21.90 -0.77 0.00	27.49 -1.00 0.00	34.29 -1.24 0.00	42.80 -1.55 0.00	37.16 -1.47 0.00	34.64 -1.33 0.00	35.66 -1.38 0.00	34.08 -1.28 0.00
SITHE___MASSENA 23902	30.63 0.25 0.00	32.53 0.38 0.00	32.34 0.37 0.00	31.96 0.14 -1.76	31.68 0.14 -1.75	37.26 -0.01 -1.44	67.77 0.08 0.83	125.34 0.21 2.44	60.50 0.05 1.06	39.23 -0.11 0.27	33.13 -0.10 0.00	27.67 -0.09 0.00	27.22 -0.13 0.00	26.19 -0.10 0.00	24.67 -0.10 -0.14	21.91 -0.15 -0.72	22.57 -0.18 -0.08	28.31 -0.18 0.00	35.47 -0.05 0.00	44.25 -0.10 0.00	38.88 0.25 0.00	36.11 0.15 0.00	37.33 0.29 0.00	35.78 0.43 0.00
SITHE___OGDNSBRG 24021	31.02 0.64 0.00	32.94 0.80 0.00	32.76 0.78 0.00	35.91 0.54 -5.32	35.60 0.53 -5.29	41.12 0.49 -4.80	70.04 1.26 -0.26	126.39 2.21 3.40	60.49 0.48 1.51	39.03 -0.21 0.36	32.93 -0.31 0.00	27.49 -0.27 0.00	27.03 -0.33 0.00	26.02 -0.28 0.00	24.79 -0.26 -0.43	23.20 -0.31 -2.17	22.62 -0.37 -0.32	28.13 -0.36 0.00	35.54 0.02 0.00	44.78 0.43 0.00	39.44 0.81 0.00	36.63 0.66 0.00	37.86 0.82 0.00	36.29 0.94 0.00
SITHE___STERLING 23777	30.72 0.34 0.00	32.43 0.29 0.00	32.27 0.29 0.00	30.41 0.36 0.00	30.15 0.37 0.00	35.81 0.61 0.64	62.69 1.62 7.45	118.99 3.16 11.74	57.58 1.21 5.13	38.82 0.50 1.28	33.35 0.11 0.00	27.79 0.03 0.00	27.38 0.02 0.00	26.30 0.01 0.00	24.61 -0.01 0.00	21.33 -0.02 0.00	22.73 0.06 0.00	28.79 0.30 0.00	36.18 0.66 0.00	45.50 1.15 0.00	39.50 0.87 0.00	36.72 0.76 0.00	37.74 0.70 0.00	35.90 0.55 0.00
SLEIGHT__34_KV_TB1 80719	29.64 -0.73 0.00	31.40 -0.74 0.00	31.10 -0.88 0.00	29.24 -0.81 0.00	28.99 -0.79 0.00	34.19 -0.64 1.00	55.91 -0.85 11.76	107.58 -1.46 18.54	52.33 -1.08 8.09	36.47 -1.11 2.03	32.28 -0.95 0.00	26.91 -0.85 0.00	26.42 -0.94 0.00	25.17 -1.12 0.00	23.52 -1.11 0.00	20.34 -1.01 0.00	21.57 -1.10 0.00	27.22 -1.26 0.00	34.27 -1.26 0.00	42.82 -1.53 0.00	37.14 -1.49 0.00	34.54 -1.42 0.00	35.58 -1.46 0.00	34.00 -1.36 0.00
SOUTH CAIRO___GT 23612	31.78 1.40 0.00	33.57 1.42 0.00	33.39 1.41 0.00	31.50 1.45 0.00	31.31 1.53 0.00	37.42 1.99 0.40	67.75 3.86 4.62	127.63 7.34 7.29	62.01 3.69 3.18	40.99 2.18 0.80	34.80 1.56 0.00	28.90 1.14 0.00	28.35 0.99 0.00	27.22 0.92 0.00	25.44 0.82 0.00	22.11 0.77 0.00	23.55 0.88 0.00	29.78 1.30 0.00	37.51 1.99 0.00	47.23 2.88 0.00	41.07 2.44 0.00	38.31 2.35 0.00	39.32 2.28 0.00	37.42 2.07 0.00
SOUTH HAMPTN___IC 23720	34.37 0.39 -3.61	32.45 0.30 0.00	32.82 0.84 0.00	30.85 0.79 0.00	30.71 0.93 0.00	35.94 0.87 0.77	61.12 1.29 8.68	122.79 2.69 7.48	59.58 1.34 3.27	40.05 1.27 0.82	34.45 1.13 -0.09	28.59 0.83 0.00	28.30 0.94 0.00	27.18 0.88 0.00	25.67 1.05 0.00	22.25 0.91 0.00	23.68 1.01 0.00	29.67 1.18 0.00	36.05 0.97 0.44	46.22 1.87 0.00	40.08 1.45 0.00	37.49 1.52 0.00	38.71 1.67 0.00	36.69 1.33 0.00
SOUTHDOW_115KV_TB1 355954	30.26 -0.11 0.00	32.24 0.09 0.00	31.65 -0.33 0.00	30.09 0.03 0.00	29.69 -0.09 0.00	35.22 0.39 0.99	58.28 1.41 11.64	113.00 3.77 18.35	54.72 1.23 8.01	38.21 0.61 2.01	34.01 0.77 0.00	28.24 0.48 0.00	27.44 0.08 0.00	26.11 -0.18 0.00	24.52 -0.10 0.00	21.22 -0.12 0.00	22.48 -0.19 0.00	28.11 -0.37 0.00	35.08 -0.45 0.00	43.40 -0.94 0.00	36.81 -1.82 0.00	33.84 -2.13 0.00	34.84 -2.20 0.00	32.93 -2.42 0.00
SOUTHOLD_69_KV_BK 2 55809	33.98 0.00 -3.61	32.04 -0.10 0.00	32.96 0.99 0.00	30.87 0.81 0.00	30.72 0.94 0.00	35.69 0.63 0.77	60.59 0.76 8.68	122.22 2.13 7.48	58.99 0.75 3.27	39.58 0.80 0.82	34.02 0.69 -0.09	28.19 0.43 0.00	27.89 0.53 0.00	26.78 0.49 0.00	25.31 0.69 0.00	21.95 0.61 0.00	23.37 0.70 0.00	29.34 0.86 0.00	35.73 0.64 0.44	45.86 1.51 0.00	39.76 1.13 0.00	37.18 1.22 0.00	38.40 1.36 0.00	36.36 1.00 0.00
SOUTHOLD___IC 23719	33.98 0.00 -3.61	32.04 -0.10 0.00	32.96 0.98 0.00	30.87 0.81 0.00	30.73 0.95 0.00	35.69 0.63 0.77	60.59 0.76 8.68	122.21 2.12 7.48	58.99 0.75 3.27	39.58 0.79 0.82	34.02 0.69 -0.09	28.19 0.43 0.00	27.89 0.53 0.00	26.78 0.49 0.00	25.31 0.69 0.00	21.95 0.61 0.00	23.37 0.70 0.00	29.34 0.86 0.00	35.73 0.65 0.44	45.86 1.51 0.00	39.76 1.13 0.00	37.18 1.22 0.00	38.39 1.35 0.00	36.34 0.99 0.00
SOUTH_FORK_WT_PWR 323839	33.44 -0.54 -3.61	31.48 -0.66 0.00	32.79 0.82 0.00	30.62 0.57 0.00	30.49 0.71 0.00	35.18 0.11 0.77	59.50 -0.33 8.68	120.41 0.32 7.48	57.89 -0.35 3.27	38.87 0.08 0.82	33.42 0.09 -0.09	27.69 -0.08 0.00	27.39 0.03 0.00	26.31 0.01 0.00	24.88 0.26 0.00	21.59 0.25 0.00	22.97 0.30 0.00	28.84 0.36 0.00	35.11 0.02 0.44	45.09 0.74 0.00	39.10 0.48 0.00	36.58 0.61 0.00	37.78 0.74 0.00	35.74 0.39 0.00
SPIERFLS_115KV_TB 1 80737	31.18 0.81 0.00	33.00 0.86 0.00	32.79 0.82 0.00	30.93 0.87 0.00	30.76 0.98 0.00	36.78 1.35 0.40	66.27 2.40 4.64	124.42 4.16 7.32	60.55 2.24 3.19	40.29 1.49 0.80	34.28 1.04 0.00	28.55 0.79 0.00	27.97 0.61 0.00	26.80 0.51 0.00	25.04 0.42 0.00	21.72 0.37 0.00	23.20 0.53 0.00	29.28 0.80 0.00	36.56 1.04 0.00	45.78 1.43 0.00	39.90 1.27 0.00	37.91 1.95 0.00	39.08 2.04 0.00	37.16 1.80 0.00
ST LAWRENCE____ 23600	30.39 0.02 0.00	32.28 0.14 0.00	32.09 0.12 0.00	29.98 -0.08 0.00	29.69 -0.09 0.00	35.43 -0.29 0.11	66.68 -0.49 1.34	124.58 -0.90 2.09	60.19 -0.41 0.91	39.06 -0.31 0.23	32.99 -0.24 0.00	27.56 -0.20 0.00	27.13 -0.23 0.00	26.10 -0.19 0.00	24.44 -0.18 0.00	21.13 -0.21 0.00	22.43 -0.25 0.00	28.20 -0.29 0.00	35.27 -0.26 0.00	43.93 -0.42 0.00	38.58 -0.05 0.00	35.83 -0.13 0.00	37.02 -0.02 0.00	35.46 0.10 0.00
STATE_CA_115KV_115_LB 55624	30.87 0.49 0.00	32.62 0.47 0.00	32.46 0.49 0.00	30.63 0.57 0.00	30.43 0.65 0.00	36.20 0.77 0.39	65.10 1.19 4.61	122.45 2.14 7.27	59.57 1.24 3.17	39.76 0.95 0.79	34.09 0.86 0.00	28.51 0.75 0.00	28.08 0.72 0.00	27.01 0.71 0.00	25.28 0.65 0.00	21.95 0.60 0.00	23.32 0.65 0.00	29.26 0.77 0.00	36.37 0.85 0.00	45.44 1.09 0.00	39.50 0.87 0.00	36.90 0.94 0.00	37.94 0.90 0.00	36.17 0.81 0.00

STATE_ST_34_KV_LOAD 55959	30.17 -0.20 0.00	31.92 -0.23 0.00	31.70 -0.28 0.00	29.95 -0.11 0.00	29.54 -0.24 0.00	35.08 -0.02 0.72	60.34 0.32 8.50	114.94 0.77 13.40	55.48 -0.17 5.85	37.63 -0.50 1.47	32.70 -0.53 0.00	27.29 -0.47 0.00	26.98 -0.37 0.00	25.85 -0.45 0.00	24.15 -0.47 0.00	20.90 -0.44 0.00	22.19 -0.48 0.00	28.00 -0.49 0.00	35.18 -0.34 0.00	44.10 -0.25 0.00	38.39 -0.24 0.00	35.75 -0.21 0.00	36.75 -0.29 0.00	35.03 -0.33 0.00
STATION_5_MISC_HYD 23604	29.67 -0.70 0.00	31.46 -0.69 0.00	31.09 -0.89 0.00	29.17 -0.89 0.00	28.94 -0.83 0.00	34.10 -0.62 1.11	54.54 -0.97 13.00	105.31 -1.77 20.49	51.44 -1.12 8.95	36.37 -0.99 2.24	32.48 -0.76 0.00	27.04 -0.72 0.00	26.47 -0.89 0.00	25.11 -1.18 0.00	23.46 -1.16 0.00	20.28 -1.07 0.00	21.47 -1.20 0.00	27.06 -1.43 0.00	34.00 -1.53 0.00	42.36 -1.99 0.00	36.69 -1.94 0.00	34.10 -1.86 0.00	35.23 -1.81 0.00	33.73 -1.63 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.03 -0.34 0.00	31.80 -0.35 0.00	31.51 -0.47 0.00	29.65 -0.41 0.00	29.37 -0.41 0.00	34.72 -0.20 0.91	57.91 0.02 10.62	111.01 0.18 16.74	53.90 -0.30 7.31	37.21 -0.56 1.83	32.75 -0.48 0.00	27.28 -0.48 0.00	26.77 -0.59 0.00	25.51 -0.78 0.00	23.87 -0.75 0.00	20.65 -0.69 0.00	21.91 -0.76 0.00	27.69 -0.80 0.00	34.87 -0.65 0.00	43.60 -0.75 0.00	37.75 -0.89 0.00	35.09 -0.88 0.00	36.12 -0.92 0.00	34.44 -0.92 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.53 -0.84 0.00	31.30 -0.84 0.00	30.95 -1.03 0.00	29.04 -1.02 0.00	28.81 -0.96 0.00	33.92 -0.81 1.10	54.31 -1.30 12.91	104.83 -2.40 20.34	51.22 -1.41 8.88	36.19 -1.18 2.23	32.32 -0.91 0.00	26.91 -0.85 0.00	26.37 -0.99 0.00	25.03 -1.26 0.00	23.38 -1.24 0.00	20.21 -1.13 0.00	21.41 -1.26 0.00	26.98 -1.51 0.00	33.90 -1.62 0.00	42.23 -2.12 0.00	36.58 -2.05 0.00	34.02 -1.95 0.00	35.10 -1.94 0.00	33.59 -1.77 0.00
STA_56___34_KV_BUS2 355983	29.53 -0.84 0.00	31.30 -0.84 0.00	30.95 -1.03 0.00	29.04 -1.02 0.00	28.81 -0.96 0.00	33.92 -0.81 1.10	54.31 -1.30 12.91	104.83 -2.40 20.34	51.22 -1.41 8.88	36.19 -1.18 2.23	32.32 -0.91 0.00	26.91 -0.85 0.00	26.37 -0.99 0.00	25.03 -1.26 0.00	23.38 -1.24 0.00	20.21 -1.13 0.00	21.41 -1.26 0.00	26.98 -1.51 0.00	33.90 -1.62 0.00	42.23 -2.12 0.00	36.58 -2.05 0.00	34.02 -1.95 0.00	35.10 -1.94 0.00	33.59 -1.77 0.00
STA_67___115KV_BK2 355882	29.61 -0.76 0.00	31.39 -0.75 0.00	31.03 -0.95 0.00	29.10 -0.95 0.00	28.89 -0.89 0.00	34.01 -0.71 1.11	54.34 -1.16 13.01	104.92 -2.15 20.51	51.27 -1.28 8.95	36.27 -1.09 2.25	32.41 -0.83 0.00	26.98 -0.78 0.00	26.41 -0.95 0.00	25.06 -1.24 0.00	23.41 -1.21 0.00	20.24 -1.10 0.00	21.42 -1.25 0.00	27.00 -1.49 0.00	33.90 -1.63 0.00	42.25 -2.10 0.00	36.58 -2.05 0.00	34.02 -1.95 0.00	35.12 -1.92 0.00	33.61 -1.75 0.00
STA_7___115KV_9TRANS 80674	29.83 -0.55 0.00	31.60 -0.55 0.00	31.23 -0.75 0.00	29.30 -0.76 0.00	29.08 -0.70 0.00	34.26 -0.46 1.11	54.90 -0.62 13.00	105.98 -1.10 20.49	51.73 -0.82 8.95	36.53 -0.83 2.24	32.64 -0.60 0.00	27.16 -0.60 0.00	26.59 -0.77 0.00	25.22 -1.08 0.00	23.56 -1.06 0.00	20.36 -0.99 0.00	21.56 -1.11 0.00	27.20 -1.29 0.00	34.18 -1.34 0.00	42.60 -1.75 0.00	36.89 -1.74 0.00	34.29 -1.67 0.00	35.39 -1.65 0.00	33.84 -1.51 0.00
STA_82___115KV_TB1 80780	29.61 -0.76 0.00	31.40 -0.75 0.00	31.03 -0.95 0.00	29.11 -0.95 0.00	28.89 -0.89 0.00	34.02 -0.71 1.11	54.41 -1.15 12.95	105.04 -2.12 20.41	51.32 -1.27 8.91	36.28 -1.09 2.24	32.40 -0.83 0.00	26.97 -0.79 0.00	26.41 -0.96 0.00	25.06 -1.24 0.00	23.41 -1.22 0.00	20.23 -1.12 0.00	21.42 -1.25 0.00	26.99 -1.50 0.00	33.90 -1.63 0.00	42.25 -2.10 0.00	36.59 -2.04 0.00	34.02 -1.95 0.00	35.12 -1.92 0.00	33.61 -1.74 0.00
STEEL___WIND 323596	29.51 -0.87 0.00	31.35 -0.79 0.00	30.82 -1.16 0.00	28.95 -1.10 0.00	28.72 -1.06 0.00	34.08 -0.72 1.03	54.97 -1.43 12.11	105.93 -2.56 19.09	51.81 -1.36 8.33	36.53 -0.98 2.09	32.58 -0.65 0.00	27.07 -0.69 0.00	26.35 -1.01 0.00	24.84 -1.45 0.00	23.26 -1.36 0.00	20.08 -1.27 0.00	21.25 -1.42 0.00	26.72 -1.77 0.00	33.52 -2.00 0.00	41.57 -2.79 0.00	35.82 -2.82 0.00	33.18 -2.79 0.00	31.62 -2.77 2.65	28.47 -2.55 4.34
STEPHTWN_115KV_BK_2 55603	31.01 0.63 0.00	32.83 0.68 0.00	32.62 0.64 0.00	30.81 0.75 0.00	30.60 0.82 0.00	36.49 1.05 0.39	65.80 1.87 4.60	123.59 3.26 7.24	59.99 1.64 3.16	40.03 1.22 0.79	34.29 1.05 0.00	28.63 0.87 0.00	28.17 0.81 0.00	27.05 0.76 0.00	25.33 0.70 0.00	22.00 0.66 0.00	23.40 0.73 0.00	29.43 0.95 0.00	36.72 1.20 0.00	45.89 1.54 0.00	39.78 1.15 0.00	37.19 1.22 0.00	38.23 1.19 0.00	36.34 0.98 0.00
STEUBEN_REC_LFGE 323667	27.93 -2.45 0.00	29.89 -2.25 0.00	29.68 -2.30 0.00	28.06 -1.99 0.00	27.81 -1.97 0.00	32.67 -2.29 0.87	54.21 -4.09 10.21	104.66 -6.82 16.10	50.50 -3.98 7.03	34.76 -3.08 1.76	30.84 -2.40 0.00	25.86 -1.91 0.00	25.50 -1.86 0.00	24.31 -1.98 0.00	23.00 -1.62 0.00	19.85 -1.50 0.00	20.96 -1.71 0.00	26.80 -1.69 0.00	34.12 -1.40 0.00	43.27 -1.08 0.00	36.89 -1.74 0.00	33.70 -2.27 0.00	44.43 -2.58 -9.97	48.70 -2.96 -16.31
STILLWATER___SOLAR 323814	31.40 1.03 0.00	33.22 1.08 0.00	33.02 1.04 0.00	31.15 1.09 0.00	30.94 1.16 0.00	36.97 1.54 0.40	66.62 2.74 4.63	125.20 4.92 7.30	60.81 2.49 3.19	40.43 1.63 0.80	34.46 1.23 0.00	28.72 0.96 0.00	28.21 0.85 0.00	27.24 0.94 0.00	25.40 0.78 0.00	21.96 0.62 0.00	23.37 0.70 0.00	29.47 0.99 0.00	36.79 1.27 0.00	46.07 1.72 0.00	40.05 1.42 0.00	37.61 1.65 0.00	38.73 1.69 0.00	36.86 1.50 0.00
STONY___BROOK 24151	35.16 1.01 -3.78	33.09 0.94 0.00	33.08 1.10 0.00	31.18 1.12 0.00	31.01 1.23 0.00	36.51 1.45 0.77	62.31 2.46 8.66	124.65 4.56 7.48	60.78 2.54 3.27	40.74 1.96 0.82	35.12 1.78 -0.10	29.14 1.38 0.00	28.76 1.40 0.00	27.64 1.35 0.00	26.01 1.39 0.00	22.59 1.25 0.00	24.07 1.40 0.00	30.14 1.66 0.00	36.72 1.64 0.44	47.00 2.65 0.00	40.76 2.13 0.00	38.09 2.12 0.00	39.21 2.17 0.00	37.18 1.83 0.00
STURGEON_POOL_HYD 23609	31.38 1.00 0.00	33.14 1.00 0.00	33.02 1.05 0.00	31.15 1.10 0.00	30.91 1.13 0.00	36.88 1.45 0.40	66.57 2.79 4.73	125.39 5.27 7.46	60.95 2.70 3.26	40.60 1.82 0.82	34.70 1.47 0.00	29.00 1.24 0.00	28.55 1.19 0.00	27.51 1.21 0.00	25.81 1.19 0.00	22.43 1.09 0.00	23.88 1.21 0.00	29.95 1.46 0.00	37.20 1.67 0.00	46.74 2.39 0.00	40.53 1.90 0.00	37.69 1.72 0.00	38.72 1.68 0.00	36.83 1.48 0.00
ST_LAW_115_BK7_LBMP 345037	30.42 0.04 0.00	32.30 0.15 0.00	32.11 0.13 0.00	29.99 -0.07 0.00	29.71 -0.07 0.00	35.42 -0.29 0.12	66.63 -0.49 1.39	124.50 -0.91 2.17	60.15 -0.42 0.94	39.04 -0.32 0.24	32.98 -0.26 0.00	27.55 -0.21 0.00	27.13 -0.23 0.00	26.10 -0.19 0.00	24.44 -0.18 0.00	21.12 -0.22 0.00	22.41 -0.26 0.00	28.19 -0.30 0.00	35.26 -0.26 0.00	43.90 -0.45 0.00	38.58 -0.06 0.00	35.84 -0.13 0.00	37.04 0.01 0.00	35.49 0.13 0.00

ST_LAW_115_BK8_LBMP 345038	30.42 0.04 0.00	32.30 0.15 0.00	32.11 0.13 0.00	29.99 -0.07 0.00	29.71 -0.07 0.00	35.42 -0.29 0.12	66.63 -0.49 1.39	124.50 -0.91 2.17	60.15 -0.42 0.94	39.04 -0.32 0.24	32.98 -0.26 0.00	27.55 -0.21 0.00	27.13 -0.23 0.00	26.10 -0.19 0.00	24.44 -0.18 0.00	21.12 -0.22 0.00	22.41 -0.26 0.00	28.19 -0.30 0.00	35.26 -0.26 0.00	43.90 -0.45 0.00	38.58 -0.06 0.00	35.84 -0.13 0.00	37.04 0.01 0.00	35.49 0.13 0.00
ST_LAW_230_BK5_LBMP 345035	30.39 0.02 0.00	32.28 0.14 0.00	32.09 0.12 0.00	29.98 -0.08 0.00	29.69 -0.09 0.00	35.43 -0.29 0.11	66.74 -0.49 1.28	124.68 -0.90 2.00	60.23 -0.41 0.87	39.07 -0.31 0.22	32.99 -0.24 0.00	27.56 -0.20 0.00	27.13 -0.23 0.00	26.10 -0.19 0.00	24.44 -0.18 0.00	21.13 -0.21 0.00	22.43 -0.25 0.00	28.20 -0.29 0.00	35.27 -0.26 0.00	43.93 -0.42 0.00	38.58 -0.05 0.00	35.83 -0.13 0.00	37.02 -0.02 0.00	35.46 0.10 0.00
ST_LAW_230_BK6_LBMP 345036	30.39 0.02 0.00	32.28 0.14 0.00	32.09 0.12 0.00	29.98 -0.08 0.00	29.69 -0.09 0.00	35.43 -0.29 0.11	66.74 -0.49 1.28	124.68 -0.90 2.00	60.23 -0.41 0.87	39.07 -0.31 0.22	32.99 -0.24 0.00	27.56 -0.20 0.00	27.13 -0.23 0.00	26.10 -0.19 0.00	24.44 -0.18 0.00	21.13 -0.21 0.00	22.43 -0.25 0.00	28.20 -0.29 0.00	35.27 -0.26 0.00	43.93 -0.42 0.00	38.58 -0.05 0.00	35.83 -0.13 0.00	37.02 -0.02 0.00	35.46 0.10 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.12 0.74 0.00	32.89 0.75 0.00	32.77 0.80 0.00	30.91 0.86 0.00	30.66 0.88 0.00	36.56 1.14 0.41	65.94 2.21 4.78	124.25 4.22 7.54	60.35 2.13 3.29	40.19 1.41 0.82	34.38 1.15 0.00	28.71 0.95 0.00	28.26 0.90 0.00	27.23 0.93 0.00	25.56 0.94 0.00	22.21 0.86 0.00	23.63 0.96 0.00	29.66 1.17 0.00	36.87 1.34 0.00	46.30 1.95 0.00	40.17 1.54 0.00	37.32 1.36 0.00	38.36 1.32 0.00	36.49 1.13 0.00
SWANROAD_115KV_TB1 355699	28.59 -1.79 0.00	30.37 -1.77 0.00	29.85 -2.13 0.00	27.94 -2.11 0.00	27.82 -1.96 0.00	32.89 -1.88 1.06	52.14 -4.00 12.38	100.44 -7.63 19.51	49.25 -3.74 8.52	34.94 -2.53 2.14	31.37 -1.86 0.00	26.05 -1.71 0.00	25.38 -1.98 0.00	23.88 -2.42 0.00	22.29 -2.33 0.00	19.25 -2.09 0.00	20.33 -2.34 0.00	25.55 -2.93 0.00	32.12 -3.41 0.00	39.76 -4.59 0.00	34.37 -4.26 0.00	31.86 -4.11 0.00	29.49 -4.10 3.45	25.95 -3.75 5.66
SYNERGY___BIOGAS 323694	29.87 -0.50 0.00	31.70 -0.45 0.00	31.22 -0.76 0.00	29.28 -0.77 0.00	29.15 -0.63 0.00	34.53 -0.22 1.08	55.59 -0.31 12.62	107.24 -0.45 19.89	52.19 -0.64 8.69	36.52 -0.91 2.18	32.54 -0.69 0.00	26.96 -0.80 0.00	26.25 -1.10 0.00	24.76 -1.53 0.00	23.11 -1.51 0.00	19.97 -1.37 0.00	21.11 -1.56 0.00	26.64 -1.85 0.00	33.77 -1.76 0.00	42.23 -2.12 0.00	36.56 -2.07 0.00	33.89 -2.08 0.00	32.56 -2.03 2.45	29.48 -1.86 4.02
SYRACUSE___ENERGY_ST1 323597	30.05 -0.32 0.00	31.78 -0.36 0.00	31.59 -0.39 0.00	29.72 -0.34 0.00	29.40 -0.38 0.00	34.81 -0.35 0.68	60.19 -0.38 7.94	114.39 -0.67 12.52	55.46 -0.58 5.47	37.63 -0.60 1.37	32.71 -0.53 0.00	27.33 -0.43 0.00	26.97 -0.39 0.00	25.87 -0.42 0.00	24.22 -0.40 0.00	20.99 -0.36 0.00	22.29 -0.38 0.00	28.05 -0.43 0.00	35.08 -0.45 0.00	43.86 -0.49 0.00	38.09 -0.54 0.00	35.52 -0.45 0.00	36.52 -0.52 0.00	34.83 -0.53 0.00
SYRACUSE___ENERGY_ST2 323598	30.05 -0.32 0.00	31.78 -0.36 0.00	31.59 -0.39 0.00	29.72 -0.34 0.00	29.40 -0.38 0.00	34.81 -0.35 0.68	60.19 -0.38 7.94	114.39 -0.67 12.52	55.46 -0.58 5.47	37.63 -0.60 1.37	32.71 -0.53 0.00	27.33 -0.43 0.00	26.97 -0.39 0.00	25.87 -0.42 0.00	24.22 -0.40 0.00	20.99 -0.36 0.00	22.29 -0.38 0.00	28.05 -0.43 0.00	35.08 -0.45 0.00	43.86 -0.49 0.00	38.09 -0.54 0.00	35.52 -0.45 0.00	36.52 -0.52 0.00	34.83 -0.53 0.00
SYRACUSE___POWER 24017	30.04 -0.33 0.00	31.76 -0.39 0.00	31.57 -0.41 0.00	29.69 -0.37 0.00	29.37 -0.40 0.00	34.66 -0.38 0.79	58.80 -0.45 9.26	112.28 -0.70 14.60	54.58 -0.55 6.38	37.46 -0.54 1.60	32.73 -0.50 0.00	27.34 -0.42 0.00	26.97 -0.39 0.00	25.87 -0.43 0.00	24.23 -0.40 0.00	20.98 -0.36 0.00	22.29 -0.38 0.00	28.05 -0.43 0.00	35.08 -0.44 0.00	43.90 -0.45 0.00	38.08 -0.55 0.00	35.53 -0.44 0.00	36.53 -0.51 0.00	34.84 -0.51 0.00
TALLMAN___138KV_BK151 55660	31.19 0.82 0.00	32.96 0.81 0.00	32.84 0.87 0.00	31.00 0.94 0.00	30.75 0.97 0.00	36.69 1.27 0.41	66.23 2.49 4.77	124.84 4.79 7.52	60.63 2.41 3.28	40.37 1.59 0.82	34.56 1.33 0.00	28.87 1.11 0.00	28.41 1.05 0.00	27.38 1.09 0.00	25.70 1.08 0.00	22.33 0.98 0.00	23.76 1.09 0.00	29.82 1.33 0.00	37.01 1.49 0.00	46.50 2.15 0.00	40.33 1.70 0.00	37.45 1.48 0.00	38.50 1.45 0.00	36.58 1.23 0.00
TEALLAVE_115KV_TB7 355573	29.90 -0.47 0.00	31.62 -0.53 0.00	31.41 -0.56 0.00	29.54 -0.51 0.00	29.23 -0.55 0.00	34.44 -0.56 0.83	57.94 -0.83 9.74	110.76 -1.46 15.36	53.92 -0.88 6.71	37.18 -0.74 1.68	32.59 -0.64 0.00	27.24 -0.52 0.00	26.88 -0.48 0.00	25.77 -0.52 0.00	24.13 -0.49 0.00	20.90 -0.44 0.00	22.19 -0.48 0.00	27.92 -0.56 0.00	34.90 -0.62 0.00	43.62 -0.73 0.00	37.84 -0.79 0.00	35.33 -0.63 0.00	36.34 -0.70 0.00	34.67 -0.69 0.00
TELGRAPH_34_KV_EAST 80808	29.24 -1.13 0.00	31.05 -1.10 0.00	30.55 -1.43 0.00	28.64 -1.42 0.00	28.51 -1.27 0.00	33.74 -1.02 1.07	53.94 -2.08 12.50	104.00 -3.88 19.70	50.81 -2.10 8.60	35.79 -1.66 2.16	32.02 -1.22 0.00	26.57 -1.19 0.00	25.89 -1.47 0.00	24.41 -1.88 0.00	22.79 -1.83 0.00	19.69 -1.66 0.00	20.81 -1.86 0.00	26.19 -2.29 0.00	33.03 -2.49 0.00	41.10 -3.25 0.00	35.52 -3.11 0.00	32.93 -3.04 0.00	30.84 -3.03 3.17	27.39 -2.78 5.19
TEMPLE___115KV_TB 2 55572	29.91 -0.46 0.00	31.63 -0.52 0.00	31.43 -0.55 0.00	29.55 -0.50 0.00	29.24 -0.54 0.00	34.44 -0.56 0.83	57.91 -0.81 9.80	110.70 -1.43 15.44	53.91 -0.86 6.74	37.19 -0.72 1.69	32.62 -0.62 0.00	27.26 -0.51 0.00	26.90 -0.46 0.00	25.79 -0.50 0.00	24.14 -0.48 0.00	20.92 -0.43 0.00	22.21 -0.46 0.00	27.94 -0.55 0.00	34.91 -0.62 0.00	43.64 -0.71 0.00	37.87 -0.76 0.00	35.33 -0.63 0.00	36.34 -0.70 0.00	34.69 -0.67 0.00
TIANA____69_KV_BK 1 55817	34.48 0.50 -3.61	32.56 0.41 0.00	32.81 0.84 0.00	30.87 0.81 0.00	30.72 0.94 0.00	36.03 0.97 0.77	61.32 1.49 8.68	123.05 2.96 7.48	59.78 1.54 3.27	40.20 1.42 0.82	34.59 1.26 -0.09	28.70 0.94 0.00	28.40 1.04 0.00	27.28 0.99 0.00	25.76 1.14 0.00	22.33 0.98 0.00	23.76 1.09 0.00	29.77 1.28 0.00	36.17 1.09 0.44	46.36 2.02 0.00	40.20 1.57 0.00	37.60 1.64 0.00	38.83 1.79 0.00	36.82 1.46 0.00
TILDEN___115KV_TB1 80814	30.04 -0.33 0.00	31.76 -0.39 0.00	31.57 -0.41 0.00	29.69 -0.37 0.00	29.37 -0.40 0.00	34.66 -0.38 0.79	58.80 -0.45 9.26	112.28 -0.70 14.60	54.58 -0.55 6.38	37.46 -0.54 1.60	32.73 -0.50 0.00	27.34 -0.42 0.00	26.97 -0.39 0.00	25.87 -0.43 0.00	24.23 -0.40 0.00	20.98 -0.36 0.00	22.29 -0.38 0.00	28.05 -0.43 0.00	35.08 -0.44 0.00	43.90 -0.45 0.00	38.08 -0.55 0.00	35.53 -0.44 0.00	36.53 -0.51 0.00	34.84 -0.51 0.00

TRIGEN___CC 323695	59.93 1.16 -28.39	33.27 1.13 0.00	33.20 1.22 0.00	31.31 1.26 0.00	31.11 1.33 0.00	36.95 1.62 0.50	65.65 2.92 5.79	125.31 5.21 7.48	61.16 2.92 3.27	40.92 2.13 0.82	35.80 1.93 -0.64	29.35 1.59 0.00	28.90 1.54 0.00	27.81 1.52 0.00	26.11 1.49 0.00	22.69 1.35 0.00	24.16 1.48 0.00	30.21 1.72 0.00	37.25 1.84 0.12	47.07 2.73 0.00	40.81 2.18 0.00	38.03 2.07 0.00	39.08 2.04 0.00	37.15 1.79 0.00
TRINITY___115KV___4 BK 55933	30.78 0.40 0.00	32.51 0.37 0.00	32.36 0.38 0.00	30.52 0.47 0.00	30.33 0.55 0.00	36.07 0.64 0.39	64.80 0.88 4.60	121.85 1.52 7.24	59.31 0.96 3.16	39.62 0.81 0.79	33.97 0.73 0.00	28.42 0.65 0.00	28.01 0.65 0.00	26.94 0.65 0.00	25.21 0.60 0.00	21.89 0.55 0.00	23.24 0.57 0.00	29.13 0.64 0.00	36.20 0.68 0.00	45.23 0.88 0.00	39.33 0.70 0.00	36.76 0.79 0.00	37.80 0.76 0.00	36.04 0.68 0.00
UNION___PROCESSING_DRP 323587	29.62 -0.76 0.00	31.40 -0.74 0.00	31.03 -0.95 0.00	29.11 -0.95 0.00	28.90 -0.88 0.00	34.03 -0.70 1.10	54.45 -1.13 12.94	105.08 -2.10 20.39	51.34 -1.26 8.90	36.28 -1.09 2.23	32.41 -0.83 0.00	26.98 -0.79 0.00	26.41 -0.95 0.00	25.06 -1.24 0.00	23.41 -1.21 0.00	20.23 -1.11 0.00	21.42 -1.25 0.00	26.99 -1.50 0.00	33.90 -1.62 0.00	42.26 -2.09 0.00	36.60 -2.03 0.00	34.03 -1.94 0.00	35.13 -1.91 0.00	33.62 -1.73 0.00
UPPER HUDSON___HYD 24058	31.18 0.81 0.00	33.00 0.86 0.00	32.79 0.82 0.00	30.93 0.87 0.00	30.76 0.98 0.00	36.78 1.35 0.40	66.27 2.39 4.64	124.42 4.16 7.32	60.55 2.23 3.19	40.29 1.48 0.80	34.28 1.04 0.00	28.55 0.79 0.00	27.97 0.61 0.00	26.80 0.51 0.00	25.04 0.42 0.00	21.72 0.37 0.00	23.20 0.53 0.00	29.28 0.79 0.00	36.56 1.03 0.00	45.78 1.43 0.00	39.90 1.27 0.00	37.91 1.95 0.00	39.08 2.04 0.00	37.15 1.80 0.00
UPPER RAQUET___HYD 24056	29.98 -0.40 0.00	31.87 -0.28 0.00	31.70 -0.28 0.00	37.15 -0.48 -7.58	36.85 -0.46 -7.54	42.06 -0.70 -6.93	68.43 -1.04 -0.95	121.52 -2.06 4.00	58.36 -1.36 1.79	38.10 -1.08 0.42	32.20 -1.04 0.00	26.85 -0.91 0.00	26.34 -1.02 0.00	25.33 -0.96 0.00	24.30 -0.94 -0.62	23.55 -0.88 -3.09	22.20 -0.94 -0.48	27.46 -1.03 0.00	34.63 -0.89 0.00	43.50 -0.85 0.00	38.32 -0.31 0.00	35.60 -0.37 0.00	36.78 -0.26 0.00	35.27 -0.09 0.00
VALLEY44_115KV_TB2 355964	29.97 -0.40 0.00	31.93 -0.21 0.00	31.59 -0.39 0.00	29.86 -0.20 0.00	29.32 -0.46 0.00	34.49 -0.36 0.97	56.41 -0.69 11.42	108.50 -1.09 17.99	52.67 -0.98 7.86	37.07 -0.57 1.97	33.19 -0.04 0.00	27.61 -0.15 0.00	26.95 -0.41 0.00	25.68 -0.61 0.00	24.14 -0.47 0.00	20.86 -0.49 0.00	22.03 -0.64 0.00	27.59 -0.90 0.00	34.39 -1.13 0.00	42.93 -1.42 0.00	36.88 -1.76 0.00	34.20 -1.77 0.00	35.29 -1.75 0.00	33.45 -1.91 0.00
VALLEY___115KV_TB 1-4 80826	30.14 -0.24 0.00	31.79 -0.35 0.00	31.62 -0.36 0.00	29.83 -0.22 0.00	29.61 -0.17 0.00	35.24 -0.11 0.48	62.59 -0.28 5.64	118.42 -0.25 8.90	57.45 -0.16 3.89	38.61 -0.02 0.98	33.09 -0.14 0.00	27.49 -0.27 0.00	26.91 -0.45 0.00	25.71 -0.59 0.00	24.07 -0.55 0.00	20.92 -0.43 0.00	22.30 -0.38 0.00	28.24 -0.24 0.00	35.50 -0.03 0.00	44.72 0.37 0.00	38.87 0.24 0.00	36.37 0.40 0.00	37.42 0.38 0.00	35.59 0.23 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.36 0.98 0.00	33.17 1.02 0.00	33.01 1.03 0.00	31.14 1.08 0.00	30.86 1.08 0.00	36.73 1.52 0.61	64.49 3.20 7.22	122.14 5.94 11.37	59.31 2.78 4.97	40.18 1.82 1.25	34.72 1.49 0.00	28.92 1.16 0.00	28.44 1.08 0.00	27.36 1.07 0.00	25.63 1.01 0.00	22.24 0.89 0.00	23.70 1.03 0.00	29.95 1.47 0.00	37.46 1.94 0.00	46.80 2.45 0.00	40.63 1.99 0.00	37.80 1.84 0.00	38.87 1.83 0.00	36.99 1.64 0.00
VISCHER___FERRY HYD 24020	31.02 0.65 0.00	32.81 0.66 0.00	32.62 0.65 0.00	30.78 0.72 0.00	30.57 0.79 0.00	36.43 1.00 0.40	65.41 1.51 4.62	123.00 2.71 7.28	59.89 1.57 3.18	40.01 1.20 0.80	34.21 0.97 0.00	28.58 0.82 0.00	28.17 0.81 0.00	27.12 0.83 0.00	25.34 0.72 0.00	21.97 0.63 0.00	23.34 0.67 0.00	29.30 0.81 0.00	36.43 0.90 0.00	45.55 1.20 0.00	39.61 0.98 0.00	37.13 1.16 0.00	38.20 1.16 0.00	36.40 1.04 0.00
V_A_10_SYNC_DSASP 323832	29.07 -1.30 0.00	30.87 -1.28 0.00	30.43 -1.55 0.00	28.54 -1.52 0.00	28.33 -1.45 0.00	33.44 -1.30 1.09	53.18 -2.51 12.83	102.52 -4.84 20.21	50.22 -2.46 8.83	35.69 -1.70 2.21	31.96 -1.28 0.00	26.58 -1.19 0.00	25.94 -1.41 0.00	24.52 -1.77 0.00	22.91 -1.71 0.00	19.79 -1.56 0.00	20.92 -1.75 0.00	26.29 -2.20 0.00	32.98 -2.55 0.00	40.92 -3.43 0.00	35.36 -3.26 0.00	32.82 -3.15 0.00	31.61 -3.02 2.41	28.71 -2.70 3.94
V_CMM_10_SYNC_DSASP 323787	30.57 0.19 0.00	32.46 0.31 0.00	32.27 0.29 0.00	30.14 0.09 0.00	29.86 0.08 0.00	35.61 -0.10 0.12	66.98 -0.15 1.39	125.17 -0.23 2.17	60.47 -0.10 0.94	39.24 -0.12 0.24	33.15 -0.09 0.00	27.69 -0.07 0.00	27.26 -0.10 0.00	26.22 -0.07 0.00	24.56 -0.07 0.00	21.22 -0.12 0.00	22.52 -0.15 0.00	28.33 -0.16 0.00	35.44 -0.08 0.00	44.13 -0.22 0.00	38.77 0.14 0.00	36.00 0.04 0.00	37.22 0.18 0.00	35.66 0.31 0.00
V_CMP_10_SYNC_DSASP 323788	29.65 -0.73 0.00	32.32 0.18 0.00	31.85 -0.13 0.00	-20.43 -1.13 49.36	-20.46 -1.13 49.11	-13.12 -1.76 47.18	42.22 -2.35 23.94	121.76 -3.54 2.28	59.31 -1.21 1.00	38.38 -0.98 0.25	32.28 -0.96 0.00	26.78 -0.98 0.00	26.33 -1.03 0.00	25.14 -1.15 0.00	19.47 -1.14 4.01	0.24 -0.99 20.11	18.35 -1.04 3.28	27.47 -1.02 0.00	34.60 -0.92 0.00	44.01 -0.34 0.00	39.43 0.80 0.00	35.69 -0.27 0.00	36.30 -0.74 0.00	34.72 -0.63 0.00
V_D_10_SYNC_DSASP 323841	30.63 0.25 0.00	32.53 0.38 0.00	32.35 0.37 0.00	31.88 0.14 -1.68	31.59 0.15 -1.67	37.18 -0.01 -1.36	67.75 0.08 0.85	125.38 0.23 2.42	60.51 0.06 1.05	39.23 -0.10 0.27	33.14 -0.10 0.00	27.68 -0.09 0.00	27.24 -0.12 0.00	26.20 -0.10 0.00	24.67 -0.09 -0.14	21.88 -0.14 -0.68	22.57 -0.18 -0.08	28.32 -0.17 0.00	35.48 -0.04 0.00	44.25 -0.10 0.00	38.88 0.25 0.00	36.12 0.16 0.00	37.33 0.29 0.00	35.78 0.43 0.00
V_E_10_SYNC_DSASP 323830	30.53 0.15 0.00	31.95 -0.19 0.00	31.54 -0.44 0.00	29.94 -0.11 0.00	29.75 -0.02 0.00	35.57 0.44 0.70	61.97 1.68 8.22	118.32 3.70 12.96	56.98 1.12 5.66	37.98 -0.21 1.42	32.46 -0.77 0.00	26.87 -0.89 0.00	26.47 -0.89 0.00	25.40 -0.89 0.00	23.82 -0.80 0.00	20.76 -0.58 0.00	22.38 -0.30 0.00	29.06 0.57 0.00	37.52 2.00 0.00	47.79 3.44 0.00	41.64 3.01 0.00	38.75 2.78 0.00	40.47 2.61 -0.82	38.73 2.02 -1.35
V_F_30_NSYNC___DSASP 323816	31.47 1.10 0.00	33.29 1.15 0.00	33.09 1.11 0.00	31.21 1.16 0.00	31.00 1.22 0.00	37.06 1.63 0.40	66.82 2.93 4.64	125.53 5.27 7.31	60.95 2.64 3.19	40.53 1.73 0.80	34.56 1.33 0.00	28.79 1.03 0.00	28.29 0.93 0.00	27.34 1.04 0.00	25.48 0.86 0.00	22.02 0.67 0.00	23.42 0.75 0.00	29.54 1.05 0.00	36.86 1.34 0.00	46.16 1.81 0.00	40.12 1.49 0.00	37.66 1.69 0.00	38.78 1.74 0.00	36.89 1.54 0.00



V_F_30_SYNC_DSASP 323786	30.87 0.49 0.00	32.62 0.47 0.00	32.46 0.49 0.00	30.62 0.57 0.00	30.43 0.65 0.00	36.20 0.77 0.39	65.09 1.18 4.61	122.44 2.13 7.27	59.57 1.24 3.17	39.76 0.95 0.79	34.09 0.86 0.00	28.51 0.75 0.00	28.08 0.72 0.00	27.01 0.71 0.00	25.27 0.65 0.00	21.95 0.60 0.00	23.32 0.65 0.00	29.25 0.76 0.00	36.37 0.85 0.00	45.44 1.09 0.00	39.50 0.87 0.00	36.90 0.94 0.00	37.94 0.90 0.00	36.16 0.81 0.00
V_XM_10_SYNC_DSASP 323789	29.65 -0.73 0.00	32.32 0.18 0.00	31.85 -0.13 0.00	-20.43 -1.13 49.36	-20.46 -1.13 49.11	-13.12 -1.76 47.18	42.22 -2.35 23.94	121.76 -3.54 2.28	59.31 -1.21 1.00	38.38 -0.98 0.25	32.28 -0.96 0.00	26.78 -0.98 0.00	26.33 -1.03 0.00	25.14 -1.15 0.00	19.47 -1.14 4.01	0.24 -0.99 20.11	18.35 -1.04 3.28	27.47 -1.02 0.00	34.60 -0.92 0.00	44.01 -0.34 0.00	39.43 0.80 0.00	35.69 -0.27 0.00	36.30 -0.74 0.00	34.72 -0.63 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.31 0.93 0.00	33.08 0.94 0.00	32.96 0.98 0.00	31.09 1.04 0.00	30.86 1.08 0.00	36.99 1.57 0.41	66.87 3.12 4.77	126.04 5.98 7.51	61.20 2.97 3.28	40.74 1.96 0.82	34.86 1.63 0.00	29.12 1.35 0.00	28.64 1.29 0.00	27.61 1.31 0.00	25.81 1.19 0.00	22.41 1.07 0.00	23.86 1.19 0.00	29.93 1.45 0.00	37.16 1.64 0.00	46.68 2.33 0.00	40.48 1.85 0.00	37.60 1.64 0.00	38.64 1.60 0.00	36.72 1.37 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.53 1.15 0.00	33.29 1.15 0.00	33.25 1.27 0.00	31.39 1.34 0.00	31.15 1.37 0.00	37.16 1.74 0.40	67.05 3.28 4.75	126.41 6.32 7.48	61.54 3.30 3.27	41.06 2.28 0.82	35.20 1.96 0.00	29.44 1.68 0.00	28.98 1.63 0.00	27.90 1.60 0.00	26.19 1.56 0.00	22.74 1.40 0.00	24.19 1.52 0.00	30.25 1.77 0.00	37.47 1.94 0.00	47.10 2.75 0.00	40.82 2.19 0.00	37.90 1.93 0.00	38.91 1.87 0.00	37.00 1.64 0.00
W50THST__13_KV_LOAD 356117	31.71 1.34 0.00	33.49 1.34 0.00	33.51 1.53 0.00	31.63 1.58 0.00	31.34 1.56 0.00	37.40 1.97 0.40	67.52 3.75 4.75	127.35 7.26 7.48	61.99 3.75 3.27	41.38 2.59 0.82	35.48 2.24 0.00	29.69 1.92 0.00	29.33 1.97 0.00	28.16 1.87 0.00	26.39 1.77 0.00	22.92 1.58 0.00	24.38 1.71 0.00	30.47 1.99 0.00	37.72 2.19 0.00	47.40 3.05 0.00	41.06 2.43 0.00	38.12 2.15 0.00	39.11 2.07 0.00	37.21 1.86 0.00
WADING RIVER_IC_1 23522	34.34 0.38 -3.59	32.42 0.28 0.00	32.54 0.56 0.00	30.64 0.58 0.00	30.49 0.71 0.00	35.82 0.76 0.77	60.89 1.06 8.69	122.14 2.04 7.48	59.46 1.21 3.27	40.07 1.29 0.82	34.49 1.16 -0.09	28.63 0.87 0.00	28.39 1.03 0.00	27.26 0.97 0.00	25.77 1.15 0.00	22.31 0.97 0.00	23.71 1.04 0.00	29.67 1.18 0.00	35.97 0.89 0.44	46.09 1.74 0.00	39.97 1.34 0.00	37.39 1.43 0.00	38.66 1.62 0.00	36.73 1.37 0.00
WADING RIVER_IC_2 23547	34.34 0.38 -3.59	32.42 0.28 0.00	32.54 0.56 0.00	30.64 0.58 0.00	30.49 0.71 0.00	35.82 0.76 0.77	60.89 1.06 8.69	122.14 2.04 7.48	59.46 1.21 3.27	40.07 1.29 0.82	34.49 1.16 -0.09	28.63 0.87 0.00	28.39 1.03 0.00	27.26 0.97 0.00	25.77 1.15 0.00	22.31 0.97 0.00	23.71 1.04 0.00	29.67 1.18 0.00	35.97 0.89 0.44	46.09 1.74 0.00	39.97 1.34 0.00	37.39 1.43 0.00	38.66 1.62 0.00	36.73 1.37 0.00
WADING RIVER_IC_3 23601	34.34 0.38 -3.59	32.42 0.28 0.00	32.54 0.56 0.00	30.64 0.58 0.00	30.49 0.71 0.00	35.82 0.76 0.77	60.89 1.06 8.69	122.14 2.04 7.48	59.46 1.21 3.27	40.07 1.29 0.82	34.49 1.16 -0.09	28.63 0.87 0.00	28.39 1.03 0.00	27.26 0.97 0.00	25.77 1.15 0.00	22.31 0.97 0.00	23.71 1.04 0.00	29.67 1.18 0.00	35.97 0.89 0.44	46.09 1.74 0.00	39.97 1.34 0.00	37.39 1.43 0.00	38.66 1.62 0.00	36.73 1.37 0.00
WALDENNY_12_KV_BK2 80841	29.51 -0.87 0.00	31.35 -0.80 0.00	30.82 -1.16 0.00	28.95 -1.11 0.00	28.74 -1.04 0.00	34.06 -0.73 1.03	54.91 -1.47 12.14	105.78 -2.66 19.14	51.77 -1.39 8.36	36.48 -1.03 2.10	32.60 -0.63 0.00	27.09 -0.67 0.00	26.37 -0.99 0.00	24.86 -1.43 0.00	23.26 -1.36 0.00	20.08 -1.26 0.00	21.25 -1.42 0.00	26.71 -1.78 0.00	33.51 -2.02 0.00	41.54 -2.81 0.00	35.81 -2.82 0.00	33.16 -2.80 0.00	31.52 -2.79 2.73	28.28 -2.60 4.48
WALDEN__HYDRO 24148	31.29 0.92 0.00	33.07 0.92 0.00	32.94 0.96 0.00	31.07 1.02 0.00	30.83 1.05 0.00	36.79 1.36 0.41	66.39 2.65 4.77	125.09 5.03 7.51	60.75 2.52 3.28	40.43 1.65 0.82	34.56 1.33 0.00	28.85 1.09 0.00	28.40 1.04 0.00	27.36 1.06 0.00	25.68 1.05 0.00	22.31 0.97 0.00	23.76 1.09 0.00	29.82 1.33 0.00	37.08 1.56 0.00	46.60 2.26 0.00	40.44 1.81 0.00	37.60 1.64 0.00	38.63 1.59 0.00	36.73 1.37 0.00
WARRENSBURG____ 23737	31.18 0.81 0.00	33.00 0.86 0.00	32.79 0.82 0.00	30.93 0.87 0.00	30.76 0.98 0.00	36.78 1.35 0.40	66.27 2.40 4.64	124.42 4.16 7.32	60.55 2.24 3.19	40.29 1.49 0.80	34.28 1.04 0.00	28.55 0.79 0.00	27.97 0.61 0.00	26.80 0.51 0.00	25.04 0.42 0.00	21.72 0.37 0.00	23.20 0.53 0.00	29.28 0.80 0.00	36.56 1.04 0.00	45.78 1.43 0.00	39.90 1.27 0.00	37.91 1.95 0.00	39.08 2.04 0.00	37.16 1.80 0.00
WATERSIDE____6 8 9 23538	27.92 1.24 3.70	29.01 1.22 4.35	28.93 1.32 4.37	26.69 1.38 4.74	26.41 1.42 4.79	33.49 1.78 4.12	66.68 3.27 5.11	125.90 6.40 8.08	60.00 3.41 4.92	38.39 2.36 3.58	37.01 2.04 -1.73	32.31 1.73 -2.81	36.01 1.64 -7.01	36.22 1.65 -8.27	40.30 1.61 -14.07	32.15 1.45 -9.36	27.24 1.58 -3.00	37.23 1.85 -6.89	31.08 2.06 6.50	38.22 2.88 9.01	32.89 2.31 8.05	28.51 2.07 9.52	34.40 2.00 4.64	33.32 1.74 3.78
WATKINRD_115KV_LN8_ILLION 55919	30.25 -0.13 0.00	31.94 -0.21 0.00	31.76 -0.21 0.00	29.96 -0.10 0.00	29.73 -0.05 0.00	35.36 0.01 0.48	62.86 -0.01 5.64	118.79 0.11 8.90	57.65 0.04 3.89	38.72 0.09 0.98	33.21 -0.02 0.00	27.64 -0.12 0.00	27.12 -0.24 0.00	26.02 -0.27 0.00	24.37 -0.26 0.00	21.16 -0.18 0.00	22.53 -0.14 0.00	28.47 -0.02 0.00	35.67 0.14 0.00	44.79 0.44 0.00	38.91 0.28 0.00	36.32 0.36 0.00	37.36 0.31 0.00	35.56 0.20 0.00
WATSON____69_KV_BK 1 55734	36.69 1.36 -4.95	33.45 1.31 0.00	33.43 1.45 0.00	31.50 1.44 0.00	31.34 1.56 0.00	36.94 1.87 0.75	63.32 3.35 8.55	126.30 6.21 7.48	61.57 3.33 3.27	41.19 2.40 0.82	35.50 2.14 -0.12	29.44 1.67 0.00	29.01 1.65 0.00	27.89 1.60 0.00	26.22 1.60 0.00	22.79 1.45 0.00	24.30 1.63 0.00	30.44 1.96 0.00	37.16 2.07 0.43	47.54 3.19 0.00	41.20 2.57 0.00	38.49 2.53 0.00	39.59 2.55 0.00	37.56 2.21 0.00
WDELAWARE__HYD 323627	31.66 1.28 0.00	33.48 1.33 0.00	33.37 1.39 0.00	31.50 1.44 0.00	31.26 1.48 0.00	37.36 1.94 0.41	67.58 3.85 4.79	127.20 7.17 7.55	61.56 3.35 3.30	40.86 2.08 0.83	34.82 1.58 0.00	29.03 1.26 0.00	28.55 1.19 0.00	27.37 1.08 0.00	25.55 0.93 0.00	22.20 0.86 0.00	23.66 0.99 0.00	29.84 1.35 0.00	37.24 1.72 0.00	46.82 2.48 0.00	40.63 2.00 0.00	37.76 1.79 0.00	38.78 1.74 0.00	36.87 1.52 0.00

WEST BABYLON___IC 23714	39.60 1.36 -7.87	33.46 1.31 0.00	33.42 1.44 0.00	31.49 1.44 0.00	31.33 1.55 0.00	36.95 1.85 0.73	63.59 3.32 8.25	126.23 6.14 7.48	61.55 3.31 3.27	41.15 2.37 0.82	35.55 2.12 -0.19	29.44 1.67 0.00	29.00 1.65 0.00	27.89 1.60 0.00	26.21 1.59 0.00	22.78 1.44 0.00	24.28 1.61 0.00	30.40 1.92 0.00	37.18 2.05 0.39	47.49 3.15 0.00	41.16 2.53 0.00	38.44 2.48 0.00	39.50 2.46 0.00	37.51 2.15 0.00
WEST CANADA___HYD 24049	30.36 -0.01 0.00	32.09 -0.05 0.00	31.96 -0.02 0.00	30.09 0.03 0.00	29.83 0.05 0.00	35.44 0.09 0.48	63.03 0.15 5.64	118.98 0.31 8.90	57.78 0.16 3.89	38.76 0.13 0.98	33.32 0.09 0.00	27.82 0.06 0.00	27.42 0.06 0.00	26.35 0.06 0.00	24.67 0.05 0.00	21.41 0.07 0.00	22.76 0.09 0.00	28.62 0.13 0.00	35.69 0.17 0.00	44.65 0.30 0.00	38.80 0.17 0.00	36.08 0.11 0.00	37.12 0.08 0.00	35.40 0.05 0.00
WESTERN_NY_WIND 24143	29.84 -0.54 0.00	31.65 -0.50 0.00	31.17 -0.80 0.00	29.24 -0.81 0.00	29.11 -0.67 0.00	34.49 -0.27 1.07	55.48 -0.45 12.59	107.06 -0.67 19.84	52.09 -0.76 8.66	36.44 -0.99 2.17	32.51 -0.72 0.00	26.92 -0.84 0.00	26.22 -1.14 0.00	24.73 -1.56 0.00	23.08 -1.54 0.00	19.94 -1.40 0.00	21.08 -1.59 0.00	26.60 -1.89 0.00	33.71 -1.81 0.00	42.16 -2.19 0.00	36.50 -2.14 0.00	33.82 -2.15 0.00	32.27 -2.14 2.63	29.06 -1.99 4.31
WESTOVER___LESR 323668	30.08 -0.30 0.00	31.81 -0.33 0.00	31.60 -0.37 0.00	29.84 -0.21 0.00	29.47 -0.31 0.00	34.88 -0.22 0.73	59.75 -0.21 8.55	113.86 -0.24 13.48	55.19 -0.43 5.89	37.74 -0.39 1.48	32.95 -0.28 0.00	27.52 -0.24 0.00	27.03 -0.33 0.00	25.95 -0.34 0.00	24.40 -0.22 0.00	21.15 -0.20 0.00	22.48 -0.19 0.00	28.27 -0.22 0.00	35.32 -0.21 0.00	44.24 -0.10 0.00	38.25 -0.38 0.00	35.61 -0.35 0.00	36.62 -0.42 0.00	34.82 -0.54 0.00
WETHRSFD_WT_PWR 323626	27.86 -2.51 0.00	29.65 -2.50 0.00	29.46 -2.51 0.00	27.79 -2.26 0.00	27.48 -2.29 0.00	32.42 -2.45 0.96	52.98 -4.28 11.26	102.52 -7.31 17.74	49.88 -3.88 7.75	34.61 -3.05 1.94	30.73 -2.50 0.00	25.64 -2.12 0.00	25.08 -2.28 0.00	23.85 -2.44 0.01	22.46 -2.16 0.00	19.38 -1.96 0.00	20.50 -2.17 0.00	26.08 -2.41 0.00	33.07 -2.45 0.00	41.54 -2.81 0.00	35.62 -3.01 0.00	32.49 -3.47 0.00	8.61 -3.64 24.79	-8.75 -3.56 40.55
WHAVSTOR_138KV_BK127 55557	31.19 0.82 0.00	32.96 0.81 0.00	32.85 0.87 0.00	31.00 0.94 0.00	30.76 0.97 0.00	36.69 1.27 0.41	66.20 2.45 4.77	124.73 4.66 7.51	60.61 2.38 3.28	40.37 1.59 0.82	34.57 1.34 0.00	28.88 1.12 0.00	28.42 1.06 0.00	27.39 1.10 0.00	25.71 1.09 0.00	22.34 1.00 0.00	23.77 1.10 0.00	29.81 1.33 0.00	36.99 1.47 0.00	46.49 2.14 0.00	40.31 1.69 0.00	37.46 1.49 0.00	38.50 1.46 0.00	36.59 1.24 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.19 0.82 0.00	32.96 0.81 0.00	32.85 0.87 0.00	31.00 0.94 0.00	30.76 0.97 0.00	36.69 1.27 0.41	66.20 2.45 4.77	124.73 4.66 7.51	60.61 2.38 3.28	40.37 1.59 0.82	34.57 1.34 0.00	28.88 1.12 0.00	28.42 1.06 0.00	27.39 1.10 0.00	25.71 1.09 0.00	22.34 1.00 0.00	23.77 1.10 0.00	29.81 1.33 0.00	36.99 1.47 0.00	46.49 2.14 0.00	40.31 1.69 0.00	37.46 1.49 0.00	38.50 1.46 0.00	36.59 1.24 0.00
WHITEHAL_115KV_TB1 80871	31.89 1.51 0.00	33.84 1.70 0.00	33.58 1.60 0.00	31.68 1.63 0.00	31.57 1.79 0.00	37.77 2.34 0.40	67.72 3.85 4.64	126.69 6.43 7.31	62.08 3.77 3.19	41.39 2.59 0.80	35.03 1.80 0.00	29.19 1.43 0.00	28.51 1.15 0.00	27.35 1.05 0.00	25.53 0.91 0.00	22.07 0.73 0.00	23.52 0.85 0.00	29.55 1.06 0.00	36.70 1.17 0.00	46.21 1.86 0.00	40.40 1.77 0.00	38.29 2.32 0.00	39.45 2.41 0.00	37.48 2.13 0.00
WHITEPLN_13_KV_LOAD 356215	31.66 1.28 0.00	33.42 1.28 0.00	33.30 1.32 0.00	31.42 1.37 0.00	31.20 1.42 0.00	37.23 1.81 0.40	67.27 3.51 4.75	126.82 6.73 7.48	61.72 3.48 3.27	41.15 2.36 0.82	35.24 2.01 0.00	29.45 1.69 0.00	28.97 1.62 0.00	27.90 1.61 0.00	26.19 1.57 0.00	22.76 1.41 0.00	24.22 1.55 0.00	30.36 1.87 0.00	37.64 2.12 0.00	47.30 2.95 0.00	41.00 2.37 0.00	38.10 2.14 0.00	39.11 2.07 0.00	37.19 1.83 0.00
WM_FLOYD_69_KV_BK2 356380	34.80 0.75 -3.67	32.82 0.68 0.00	32.89 0.91 0.00	30.98 0.92 0.00	30.83 1.05 0.00	36.25 1.18 0.77	61.74 1.90 8.68	123.68 3.59 7.48	60.22 1.97 3.27	40.46 1.67 0.82	34.80 1.47 -0.09	28.88 1.12 0.00	28.55 1.19 0.00	27.43 1.14 0.00	25.86 1.24 0.00	22.44 1.10 0.00	23.90 1.23 0.00	29.93 1.45 0.00	36.40 1.32 0.44	46.62 2.27 0.00	40.43 1.80 0.00	37.81 1.85 0.00	39.01 1.97 0.00	36.99 1.63 0.00
WOODARD___115KV_TB2 355635	29.88 -0.50 0.00	31.59 -0.55 0.00	31.40 -0.58 0.00	29.52 -0.54 0.00	29.20 -0.58 0.00	34.44 -0.61 0.78	58.43 -0.92 9.16	111.47 -1.66 14.45	54.22 -0.97 6.31	37.23 -0.79 1.58	32.55 -0.68 0.00	27.20 -0.56 0.00	26.85 -0.51 0.00	25.75 -0.54 0.00	24.11 -0.51 0.00	20.89 -0.46 0.00	22.18 -0.49 0.00	27.90 -0.59 0.00	34.86 -0.66 0.00	43.56 -0.78 0.00	37.82 -0.81 0.00	35.30 -0.67 0.00	36.30 -0.74 0.00	34.65 -0.70 0.00
YORK___WARBASSE 23770	56.00 1.46 -24.16	55.34 1.46 -21.74	55.37 1.55 -21.84	55.32 1.60 -23.67	55.33 1.64 -23.91	56.00 2.04 -18.13	69.28 3.70 2.94	130.41 7.34 4.51	70.37 3.89 -4.98	58.20 2.66 -15.94	66.02 2.25 -30.54	56.73 1.88 -27.09	56.62 1.78 -27.48	56.61 1.79 -28.52	56.58 1.75 -30.21	56.46 1.57 -33.55	55.90 1.70 -31.53	72.74 2.01 -42.25	82.11 2.29 -44.29	96.42 3.19 -48.88	96.42 2.56 -55.23	96.41 2.33 -58.11	62.47 2.27 -23.16	56.59 1.99 -19.24